July 07, 2026

The Honorable Board of Commissioners
Los Angeles County
Development Authority
383 Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, California 90012

Dear Commissioners:

ADOPT A UNIT PRICE CATALOG AND SPECIFICATIONS, ADVERTISE AND AWARD 18 JOB ORDER CONTRACTS FOR THE REPAIR, REMODEL, REFURBISHMENT, AND MAINTENANCE OF VARIOUS PROPERTIES
(ALL DISTRICTS) (3 VOTES)

SUBJECT

This letter recommends adoption of the Job Order Contract (JOC) Unit Price Book from the Los Angeles County Development Authority's (LACDA) current JOC Consultant, The Gordian Group, Inc., dated April 2026, authority to award to the lowest responsive and responsible bidders for 18 separate Job Order Contracts (numbered 144 to 161), and authority to issue JOC work orders for County facilities, public housing, commercial buildings, and private residences.

IT IS RECOMMENDED THAT THE BOARD:

1. Find that the adoption of the JOC unit price book from The Gordian Group, Inc., dated April 2026, approval for advertisement for bids, and the proposed award of JOCs and related actions are not a project under the California Environmental Quality Act (CEQA) for the reasons stated in this Board letter and in the records pertaining to the JOCs.

2. Adopt the JOC Construction Task Catalog and Technical Specifications prepared by The Gordian Group, Inc., dated April 2026.

3. Direct the Executive Officer of the Board to advertise for bids to be received and opened on August 17, 2026, using The Gordian Group, Inc.'s JOC System for 18 separate JOCs (144-161) in accordance with the Notice For Bids.

4. Delegate authority to the Executive Director or designee to make the determination that a bid is nonresponsive and to reject a bid on that basis; to award to the next lowest responsive and responsible bidder; to waive inconsequential and nonmaterial deficiencies in bids submitted; and to determine, in accordance with the applicable contract and bid documents, whether the apparent lowest responsive and responsible bidder has satisfied all conditions for contract award. Upon such determination, delegate authority to the Executive Director or designee to award and execute 18 JOCs, each not to exceed $6,402,606, in the form previously approved by County Counsel; and to establish the effective date of the contracts upon receipt by the LACDA of acceptable performance and payment bonds and evidence of required contractor insurance.

5. With respect to JOCs 144 to 161, authorize the Executive Director or designee, subject to a finding of exemption under CEQA, to issue work orders for projects that are subject and not subject to the State Public Contract Code including maintenance work, as applicable, not to exceed $6,402,606 per work order; subject to the limitation that the aggregate amount of all work orders issued under a particular JOC does not exceed the $6,402,606 maximum contract amount of the JOC.

6. Authorize the Executive Director or designee, upon his determination and as necessary and appropriate under the terms of the JOCs, to amend the JOCs; to terminate any of the 18 JOCs for convenience; to terminate the contractor's right to proceed with the performance of the JOCs; to accept projects and file notices upon completion of the projects; to release retention money withheld pursuant to the applicable provisions of the Public Contract Code; to grant extensions of time on projects, as applicable, and assess and collect liquidated damages as authorized under Government Code Section 53069.85 and the contract specifications.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

Approval of the recommended actions will make necessary findings under CEQA; adopt the JOC Construction Task Catalog Unit Price Book from The Gordian Group, Inc., dated April 2026; advertise for bids to be received and opened for 18 JOCs; and authorize the LACDA to determine that a bid is nonresponsive to the mandatory requirements of the bid solicitation and to reject a bid on that basis, including the authority to waive inconsequential and nonmaterial deficiencies, award and execute 18 JOC agreements, and issue JOC work orders for County facilities, public housing, commercial buildings, and private residences subject to finding of exemption, if appropriate, findings for the work orders under CEQA at the time of issuance.

JOC is a competitively bid, flexible, and cost-effective unit price contracting method used by the LACDA to efficiently deliver a wide variety of projects, including repair, remodeling, refurbishment, alteration, and maintenance for public facilities, public housing, commercial buildings, private senior and adult care facilities, and private residences participating in LACDA programs without extensive plans and specifications. The State Public Contract Code (PCC) provides that JOCs are contracts of a single-year duration and cannot be used for new construction.

Approval of the recommended actions will allow the LACDA to issue work orders for projects that are subject and not subject to PCC, including repair, remodeling, and refurbishment work, in an amount not to exceed the monetary limits set forth in PCC Section 20145, and authorized to the LACDA by ordinance in accordance with PCC Sections 20128.5 and 20145, subject to the limitation that the aggregate amount of all work orders issued under a particular JOC does not exceed the $6,402,606 maximum contract amount of the JOC. For projects subject to PCC, the LACDA will seek Board approval prior to issuing JOC work orders for any project that exceeds the LACDA’s delegated

monetary limit authorized by ordinance.

Approval of the recommended actions will also delegate authority to the LACDA to issue work orders for projects that are not subject to PCC, including maintenance, demolition, or procurement and installation of equipment, as applicable, not to exceed $6,402,606 per work order, subject to the limitation that the aggregate amount of all work orders issued under a particular JOC does not exceed $6,402,606 maximum contract amount of the JOC. In accordance with the October 31, 2017, Board Motion, the LACDA will provide notification to the Board a week prior to issuance of work orders in excess of $150,000 for projects not subject to PCC. In the case of emergency or critically needed deferred maintenance projects not subject to PCC, LACDA will provide notification to the Board no later than 24 hours after the issuance of such work orders.

In order to have adequate JOC capacity available on a continuous basis, the aggregate requested amount of JOC authority is $115,246,908 (18 JOCs). Six (6) JOCs will be used for public housing refurbishment projects, six (6) will be used for the Community Care Expansion and Preservation Program, and six (6) will be used for County facilities, and Lead Based Paint Hazard Mitigation projects. This capacity is based on the anticipated need for various projects to be performed under JOC, including repair, remodeling, refurbishment, and maintenance work for LACDA projects. These proposed projects will primarily address sustainability, improve Americans with Disabilities Act accessibility, and provide upgrades that conform to current Building Code requirements. Therefore, the LACDA has made the determination that the use of a JOC is the most appropriate contracting method to deliver these projects.

FISCAL IMPACT/FINANCING

There is no impact on the County general fund. The projects anticipated to be performed under the JOCs, including repair, remodeling, refurbishment, alteration, and maintenance work will be financed with approved budgets of programs for which these services will be provided and are included in the LACDA's approved Fiscal Year 2026-2027 budget. Funds for future years will be included in the LACDA's annual budget approval process. The total not-to-exceed program amount to be expended per Contract is $6,402,606 per year. The potential aggregate, not-to-exceed amount across the 18 Contracts is $115,246,908.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

The JOCs will be in the form previously reviewed and approved by County Counsel.

Each JOC will contain terms and conditions in compliance with the Board's ordinances, policies, and programs.

Data regarding the bidders' minority participation will be on file with the LACDA. The contractors will be selected upon final analysis and consideration without regard to race, creed, color, or gender.

The JOCs are subject to the Board-adopted Countywide Local and Targeted Worker Hire Policy.

ENVIRONMENTAL DOCUMENTATION

Pursuant to Title 24 of the Code of Federal Regulations, Section 58.34 (a)(3), these actions are exempt from the National Environmental Policy Act (NEPA) because they involve administrative actions of government. JOC construction activities are generally categorically excluded from NEPA

pursuant to 24 CFR 58.35 (a)(3)(i), (ii) and (iii). NEPA review and clearance will be completed for each JOC project prior to approval of specific work orders.

Award of the JOCs, adoption of the JOC unit price and technical specifications books from The Gordian Group, Inc., each dated April 2026, delegation of authority to take actions related to award and execution of JOC agreements do not constitute a project under CEQA because the activity is excluded from the definition of a project under Section 21065 of the Public Resources Code and Section 15378(b)(4) and (5) of the State CEQA Guidelines. These activities are administrative actions of government and involve the creation of government funding mechanisms or other government fiscal activities that do not involve any commitment to any specific project that may result in a potentially significant environmental impact or direct or indirect changes to the environment. JOC projects for which work orders are issued under the recommended contracts include repair, remodeling, refurbishment, and maintenance of existing structures and facilities as requested by the LACDA and are, therefore, likely categorically exempt from CEQA. The Board's award of the JOCs does not include approval of any work under the contracts. The future implementation of each work order proposed under the JOCs will be subject to prior determination and documentation by the Executive Director of the LACDA or his designee that the work is exempt from CEQA, if appropriate. In the event that the proposed work is not determined to be exempt, the LACDA will ensure that any necessary CEQA documentation is prepared and any necessary CEQA findings by the Board are recommended prior to issuing work orders.

CONTRACTING PROCESS

Advertising for bids for 18 separate JOCs 144 to 161 will be in accordance with the County's standard Instruction Sheet for Publishing Legal Advertisements (Enclosure A).
As requested by the Board on February 3, 1998, the Invitation for Bids will be listed on the County's "Doing Business with the County" website, and the LACDA's website. The proposed JOCs will be solicited on an open-competitive basis and in accordance with applicable Federal, State, and County requirements.

Bidders will be required to submit a set of cost adjustment factors that would be applied to the unit prices for work using The Gordian Group, Inc.'s JOC System for the 18 separate JOCs 144 to 161 with the unit price book dated April 2026. The unit price book from The Gordian Group, Inc. will be made available to bidders and be on file with the LACDA's Construction Management Unit.

Bids will be determined by calculating a composite factor using a predetermined advertised formula. The lowest responsive and responsible bidder for each JOC will be awarded that JOC. The JOC consultant and their corresponding unit price book dated April 2026 and each of the lowest responsive and responsible bidder's adjustment factors will be incorporated in the awarded JOCs. Contracts will be in the form previously reviewed and approved as to form by County Counsel and in compliance with the Board's requirements.

To ensure the JOCs are awarded to responsible contractors with a satisfactory performance history, bidders will be required to report violations of the False Claims Act, their civil litigation history, and information regarding prior criminal convictions. The information reported by the lowest responsive and responsible bidders will be considered before awarding the JOCs.

The LACDA has evaluated and determined that the Living Wage Program (County Code, Chapter 2.201) does not apply as these contracts are for non-Proposition A services.

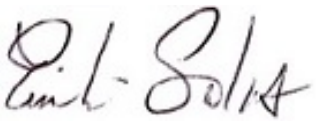
Participation by Community Business Enterprises for these contracts will be encouraged through LACDA's Business Outreach Program and by reporting the good faith efforts of contractors to utilize Community Business Enterprises.

In addition, the contracts require contractors to report Small Business Enterprises/Local Small Business Enterprises and Community Business Enterprises utilization for all subcontractors used.

IMPACT ON CURRENT SERVICES (OR PROJECTS)

The use of these JOCs will expedite the completion of repair, remodeling, refurbishment, alteration, maintenance, and other repetitive-type work for various LACDA projects.

Respectfully submitted,



Emilio Salas
Executive Director

ES:CR:KL

Enclosures

ADOPT UNIT PRICE CATALOGS AND SPECIFICATIONS ADVERTISE AND AWARD 18 JOB ORDER CONTRACTS FOR REPAIR, REMODEL, REFURBISHMENT, AND MAINTENANCE OF VARIOUS PROPERTIES
(ALL DISTRICTS)
(3 VOTES)

PUBLISHING LEGAL ADVERTISEMENTS: In accordance with the State of California Public Contract Code Section 20125, you may publish once a week for 2 weeks in a weekly newspaper or four times in a daily newspaper. Forward a reprint of this advertisement to the Los Angeles County Development Authority, Construction Management Unit, 700 W. Main Street, Alhambra, CA 91801.

OFFICIAL NOTICE
INVITING BIDS

Notice is hereby given that the Executive Director of the Los Angeles County Development Authority will accept sealed bids for furnishing all materials, labor, and equipment required to complete construction for 18 separate Job Order Contracts (144 to 161).

A bid package containing all submission requirements may be downloaded from the LACDA's Procurement System website at www.opengov.com. For assistance with downloading bid documents, please contact Susana Oliveros at (626) 586-1782.

A Pre-Bid meeting for this solicitation will be held at 2:00 p.m. on July 27, 2026, via an online meeting. Attendance at this meeting is mandatory for award of the Contract. Bidders who desire to attend the virtual meeting must confirm attendance by sending the name of their company, attendee names, and attendee email addresses to susana.oliveros@lacda.org by 5:00 p.m. on July 24, 2026. Bidders will receive an invitation to a Microsoft Teams meeting with link.

The prime contractor shall possess a valid California Class B contractor's license.

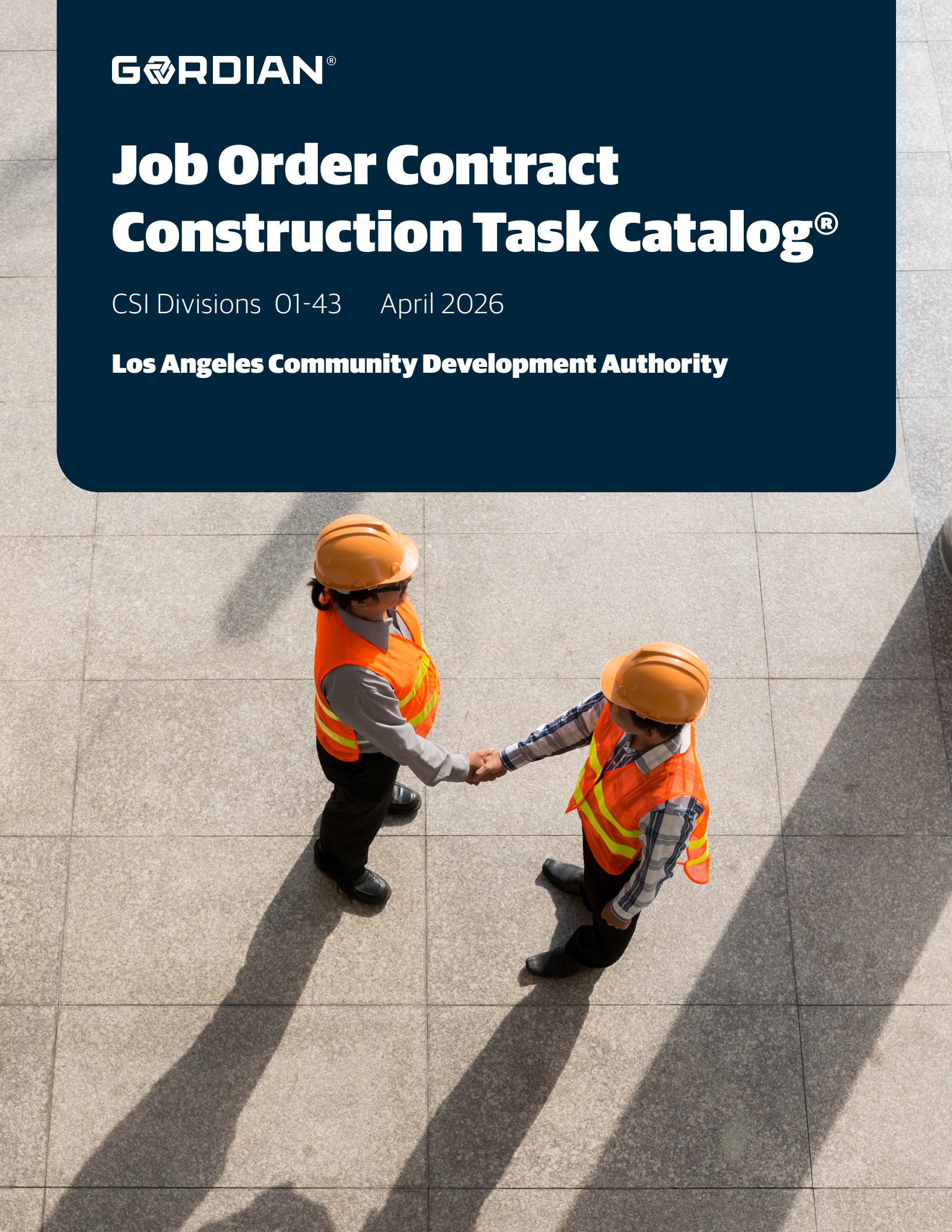
Bid submission instructions can be found in the bid package. Bids must be uploaded to the LACDA Procurement System website before 2 p.m. on August 17, 2026, and no bids may be submitted after that date and time. Bids will be opened and publicly declared on August 17, 2026, at 3 p.m., via online meeting.

GORDIAN®

Job Order Contract Construction Task Catalog®

CSI Divisions 01-43 April 2026

Los Angeles Community Development Authority



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THE GORDIAN GROUP®

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About the CTC:

- ☑ This Construction Task Catalog® (CTC) was developed and customized by The Gordian Group, Inc. specifically for **Los Angeles Community Development Authority**, priced locally using current labor, material and equipment costs, and published in **April 2026**.
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MasterFormat™

- ☑ The tasks in this Construction Task Catalog are organized using CSI's *MasterFormat*.

CSI Building Knowledge Improving Project Delivery

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The Unit Prices Include:

Labor Costs:

- ☑ Labor costs include direct labor through the working foreperson level at straight-time prevailing wage rates including fringe benefits and an allowance for Social Security, Medicare taxes, worker's compensation, payroll taxes, unemployment insurance, and employee benefits.
- ☑ Labor costs include unloading equipment, traffic control, materials, and tools, and transporting the same up or down 2 stories and 125' to reach the project site; layout; measuring and cutting to fit; performing the task; disposal of excess material; and time for lunch and breaks.

Equipment Costs:

- ☑ Equipment costs include all equipment required to accomplish the task.
- ☑ Mobilization and Delivery are included for all equipment except large equipment (e.g. cranes, bulldozers, excavators, backhoes, bobcats etc.), which exclude mobilization.
- ☑ Equipment costs include all operating expenses such as fuel, electricity, lubricants, etc.

Material Costs:

- ☑ Material costs include the cost of the material, delivery, traffic control personnel, and all incidentals and accessories integral to the installation.
- ☑ Material costs include manufacturer's and/or fabricator's shop drawings.
- ☑ Material costs for roofing, drywall, VCT, carpet, wall covering, ceiling tile, pipe, conduit, concrete, etc. include an allowance for waste. This list is not intended to be all inclusive, but descriptive of the types of construction materials that are typically sold in standard lengths, sizes and weights.
- ☑ Material costs for imported materials (e.g. aggregate, sand, soil, etc.) include delivery up to 15 miles from the closest approved source.

The Adjustment Factors Include:

The Adjustment Factors include the following costs, unless specifically excluded by the terms of the Contract Documents:

Business Costs:

- ☑ Office overhead, including, but not limited to, office space, office equipment, office and management personnel, office supplies, and employee transportation.

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- ☑ Insurance and bonding.
- ☑ Profit.
- ☑ Job Order development services, Owner meetings, and other administrative services required by the Contract Documents.
- ☑ Subcontractor's overhead and profit.
- ☑ Cost of financing the work.
- ☑ Business risks such as the risk of a lower than expected volume of work, smaller than anticipated Job Orders, poor Subcontractor performance, and inflation or material and labor cost fluctuations.
- ☑ Payroll taxes, workers compensation, insurance costs and any other payment mandated by law in connection with labor, and inflation or material cost fluctuations.

Project Related Costs:

- ☑ Project trailer, equipment and supplies, and portable toilets for Contractor's use.
- ☑ Project management and project supervision.
- ☑ Services required to complete project filings and obtain permits.
- ☑ Preparation and modification of sketches, drawings, submittals, as-built drawings, and other project records.
- ☑ Incidental engineering and architectural services.
- ☑ Gang boxes and storage containers for Contractor's tools, equipment and materials.
- ☑ Basic safety and warning signage, minor barricades (e.g., construction tape, reflective cones, etc.) and personnel safety equipment (e.g., hard hats, safety harnesses with lifeline or cabling, protective clothing, safety glasses, face shields, etc.).
- ☑ Meeting Owner's security requirements.
- ☑ All taxes for which a waiver is not available including material sales tax and equipment rental.
- ☑ Removing and returning Owner's furniture and furnishings (e.g. chairs, tables, pictures, etc. but excluding modular furniture, furnishings fastened to the wall or floor, safes and other furniture requiring disassembly).
- ☑ Sealing windows doors, and other openings with plastic to contain construction dust and debris within the work area, or to protect existing surfaces.
- ☑ Working in extreme temperatures (below or above normal) or adverse conditions such as rain, wind, sleet or snow.
- ☑ Costs resulting from inadequate supply of building materials, fuel, electricity, or skilled labor.
- ☑ Daily clean-up.
- ☑ Final professional clean-up.
- ☑ Protection of all surfaces including those not in the scope of work from dust, debris or damage during construction is part of Adjustment Factors. The methods of protection including plastic, paper, Masonite, sealing of doors or windows, etc. are the Contractor's responsibility.
- ☑ Costs resulting from productivity loss.

Price Variations:

- ☑ Contractors may experience direct costs that are different than the unit prices set forth in the Construction Task Catalog. While diligent effort was made to provide accurate, unit prices, it is the Contractor's responsibility to review and analyze the unit prices, and to calculate, prior to bidding, the Adjustment Factors accordingly.
- ☑ Contractors may experience differences in decimal rounding on unit prices that may vary from unit prices set forth in the CTC.

Summary:

- ☑ This list is not exhaustive and is intended to provide general examples of costs to be included in the Contractor's Adjustment Factors.
- ☑ The only compensation to be paid to the Contractor for unit price tasks will be:

Unit Price X Quantity X Adjustment Factor

- ☑ No additional payments of any kind whatsoever will be made.

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☑ All costs in excess of the unit prices, must be included in the Adjustment Factors.

General Rules:

☑ Unit prices are for complete and in-place construction and include all labor, equipment and material required to complete the task as described in the CTC.

☑ If the Contractor uses a crane or other lifting equipment (except a truck mounted boom lift or other equipment as part of the delivery process) to lift material onto a roof, even if that roof is less than 2 stories, the contractor will be paid for such crane or lifting equipment as a separate task.

☑ Unit prices include all fasteners such as anchor bolts, lag bolts, screws, adhesive, wedge anchors, expansion bolts, roofing clips (excluding hurricane clips) required. Fasteners listed separately in the CTC are for use with Owner furnished material and equipment or relocating or reinstalling existing material and equipment.

☑ Unit prices exclude more substantial mounting material such as threaded rod or angle iron unless the task description states otherwise.

☑ Unit prices for doors and windows, duct work, plumbing fixtures, seamless floors, countertops, roof flashing, pitch pockets, skylights, roof curbs, exterior trim, etc. include sealant and caulking.

☑ Unit prices include testing, calibrating, balancing, Programming, start-up services and the like required to ensure proper installation, construction and performance of the work (e.g. compaction test for backfill, balancing of heating ventilation and air conditioning, Programming of Controls, pneumatic or hydrostatic testing, soaping of joints, disinfection and flushing of water lines, etc.). Contractor may be paid for testing, calibrating, balancing, start-up services and the like for Owner supplied materials and equipment, or when working on or tying into existing materials and equipment.

☑ For the purpose of calculating the quantity of a task, quantities are calculated on a per project basis. The quantity so determined shall be used for the task and all appropriate modifiers, unless the task states otherwise.

☑ Whenever there are alternative tasks that may be selected to complete work, the Contractor shall select the most practical and economical tasks available (e.g. rental of equipment by weeks or months rather than days, or painting by roller or spray rather than brush).

Demolition:

☑ Unit prices for demolition include all labor, equipment and material required for the complete removal of the items; clean-up of the area; and transporting the demolished items up or down 2 stories into a truck, dumpster, or to an owner designated area, located within 125' of the project site.

☑ Unit prices for demolition exclude costs for hauling (See 01741900), dump fees (See 01741900), dumpsters (See 01741900), and trash chutes (See 01741900).

☑ If the item being demolished is attached to another item being removed and can be removed as one item, then that item shall not be priced as a separate demolition task, unless the component alone must be demolished to accomplish the task (e.g. demolition of pipe includes pipe fittings unless the fitting must be demolished separately to accomplish the task; demolition of a wood door includes hinges, hardware, closures, kick plates, etc.).

☑ The word "replace" includes removal of the existing item and installation of the new item.

☑ The words "remove and relocate" or "remove and reinstall" include removal, cleaning, and installation of the existing item in either the same location or another location.

☑ Salvageable materials are the property of the Owner and shall, if directed, be turned over to the Owner.

Working Height:

☑ Typical working height for work other than masonry is up to 14' above the finished floor or stationary

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working surface. The Contractor will not be paid for scaffolding, lifts, or similar equipment for work below 14'.

☑ Typical working height for masonry work is up to 4' above the finished floor or stationary working surface. The Contractor will not be paid for scaffolding, lifts, or similar equipment for masonry work below 4'.

Field Engineering:

☑ Surveying tasks shall be used only when the Owner requests the Contractor to perform topographic surveys, property line surveys or to establish horizontal and vertical control points. If the Owner provides horizontal and vertical control points within or adjacent to the project site, all other surveying required to complete the work shall be considered construction staking or layout, and the cost thereof is included in the appropriate tasks.

Assemblies:

☑ Assembly tasks take precedence over individual component tasks.

Restricted and Confined Spaces:

☑ Restricted Working Space is defined as any area with less than 3' vertical or horizontal clearance and includes areas such as crawl spaces, ceiling plenums where the grid is not removed, narrow piping tunnels, and equipment rooms where the space to install the new work is congested as a result of equipment and piping placement that meet these dimensional restrictions. A Restricted Working Space modifier is available for certain mechanical piping and piping accessories tasks and for certain electrical conduit and conduit accessories tasks. Only those tasks with a modifier for Restricted Working Space are eligible for a price adjustment, and then only if the modifier applies to the contemplated tasks. A non pre-priced task will not be allowed because of Restricted Working Space for any CTC task.

☑ Confined Working Space is defined according to the OSHA definition 29 CFR 1926.21(b)(6)(i): "Any space having limited means of egress, which is subject to accumulation of toxic or flammable contaminants or has an oxygen deficient atmosphere, including, but not limited to, storage tanks, process vessels, bins, boilers, ventilation and exhaust duct, sewers, underground vaults, tunnels, pipelines and open top spaces more than 4 feet in depth such as pits and tubs." The Contractor shall conform to all OSHA and Owner requirements for working in Confined Working Spaces. Required ventilation and air monitoring equipment tasks shall be priced from the CTC.

Technical Specifications:

☑ Technical Specifications for tasks shall be interpreted as follows: All labor, material, equipment, spare parts, services, and work required by a Technical Specification shall be considered included in the unit price, unless the task description states otherwise.

Or Equals:

☑ Whenever material, products, or equipment is identified in the CTC, or in the Technical Specifications, by reference to a manufacturer's name, make or model number, the identification is intended to establish a standard. Any material, product, or equipment of another manufacturer may be considered an or-equal provided that, in the opinion of the Owner, the material, product, or equipment so proposed is of equal quality, substance and function to the named item. The Contractor shall not install any proposed material, product, or equipment without the prior written approval of the Owner. The burden of proof, and all costs related thereto, concerning whether the proposed material, product, or equipment is an or-equal, shall be borne by the Contractor.

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Useful Information:

Unit of Measure Definitions:

ACR – Acre, **BAG** – Bag, **BBL** – Barrel, **BCY** - Bank (In-place) Cubic Yards, **BF** - Board Foot, **BOX** - Box (each), **BTU** - British Thermal Unit, **C** - One Hundred, **CCF** - One Hundred Cubic Feet, **CCY** - Compacted Cubic Yards, **CF** - Cubic Foot, **CFM** - Cubic Feet Per Minute, **CI** – Cubic Inch, **CLF** - One Hundred Linear Feet, **CSF** - One Hundred Square Feet, **CSY** - Hundred Square Yards, **CWT** - Hundred Weight, **CY** - Cubic Yard, **CYM** - Cubic Yard Mile, **DAY** – Day, **DRM** - Drum (each), **EA** – Each, **FLR** - Floor (Per Floor), **FT** – Foot, **GAL** – Gallon, **GSF** - Ground Square Foot, **HR** – Hour, **HWT** - Hundred Carton Weight, **HYR** – Half Year, **IN** – Inch, **JOB** – Job, **LAN** – Lane, **LB** – Pound, **LCY** - Loose (Excavated) Cubic Yards, **LF** - Linear Foot, **LFD** - Linear Feet Per Day, **LIT –** Liter, **LOT** – Lot, **MBF** - One Thousand Board Feet, **MBH** - One Thousand British Thermal Units, **MCF** – One Thousand Cubic Feet, **MF3** - One Thousand Cubic Feet Per Minute, **MGL** – One Thousand Gallons, **MI** – Mile, **MLF** - One Thousand Linear Feet, **MO** – Month, **MSF** - One Thousand Square Feet, **MSY** - One Thousand Square Yards, **MT** – Metric Ton, **MTK** – Metric Ton Kilometer, **M2** – Square Meter, **M3K** – Cubic Meter Kilometer, **NTE** – Note, **OPN** – Opening, **OUT** - Outlet or Output (each), **OZ** – Ounce, **PKG** – Package, **PNT** – Point, **PR** – Pair, **QT** – Quart, **ROL** - Roll (each), **ROM** – Room, **ROW** – Row, **RSR** - Riser (Per Rise), **SEA** – Seat, **SET** – Set, **SF** - Square Foot, **SHT** – Sheet, **SI** - Square Inch, **STP** - Stop (each), **SQ** - Square or One Hundred Square Feet, **SY** - Square Yard, **SYI** – Inches per Square Yard, **TNM** - Tons per Mile, **TON** – Ton, **TRK** – Truck Load, **UI** - United Inch, **UNT** – Unit, **VLF** - Vertical Linear Foot, **WK** – Week, **YD** – Yard, **YR** – Year

Material Weights:

Earthen Material

☑ The following engineering values for establishing shrink/swell factors shall be used unless otherwise directed by the Owner.

	Material Weight (Lbs Per CY)		
Material	In-place (Bank)	Loose (Excavated Materials)	Compacted
Earth, Common (Average)	3170	2536	3520
Sand	2880	2590	3240
Earth, Rock Mix. (75% E/ 25% R)	3380	2370	3720
Earth, Rock Mix. (50% E/50% R)	3750	2710	4000
Earth, Rock Mix. (25% E/ 75% R)	4120	3140	3680
Gravel (Average)	3280	2730	3570
Limestone	4380	2690	3220
Riprap Rock (Average)	4500	2610	3150
Granite	4540	2640	3170
Basalt	4950	3020	3640
Clay	3220	2150	3570
Gneiss	4550	2720	3180

Bulk Factors for Demolition:

☑ The following bulk factors shall be used to calculate the volume of demolished material to be transported from the project site.

- **Asphalt** = 1.25
- **Concrete** = 1.40

Conversions:

1 Acre = 43,560 Square Feet = 4046.8 Square Meters

1 Board Foot = 12” x 12” x 1” = 144 Cubic Inches

1 Centimeter = 0.3937 Inches = 0.0328 Feet

1 Cubic Foot = 0.03704 Cubic Yards = 0.02832 Cubic Meters

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1 Cubic Meter = 1.3080 Cubic Yards = 35.3147 Cubic Feet

1 Cubic Yard = 27 Cubic Feet = 0.7646 Cubic Meters

1 Foot = 12 Inches = 0.3048 Meters

1 Inch = 2.54 Centimeters = 0.0254 Meters

1 Kilogram = 2.2046 Pounds

1 Kilometer = 0.6214 Miles = 3280 Feet

1 Meter = 100 Centimeters = 3.2808 Feet

1 Mile = 5280 Feet = 1.6093 Kilometers

1 Pound = 0.4536 Kilograms

1 Square Foot = 144 Square Inches = .0929 Square Meters

1 Square Meter = 1.1960 Square Yards = 10.7639 Square Feet

1 Square Yard = 9 Square Feet = 0.8361 Square Meters

1 Ton = 2000 Pounds = 907.185 Kilograms

1 Yard = 3 Feet = 0.9144 Meters

Sheet Metal Thickness (inches)				
Gage No.	Steel Sheet	Galvanized Steel Sheet	Stainless Steel Sheet	Aluminum Sheet
10	.135	.138	.141	
11	.120	.123	.125	
12	.105	.108	.109	
13	.090	.093	.094	.072
14	.075	.079	.078	.064
15	.067	.071	.070	.057
16	.060	.064	.063	.051
17	.054	.058	.056	.045
18	.048	.052	.050	.040
19	.042	.046	.044	.036
20	.036	.040	.038	.032
21	.033	.037	.034	.028
22	.030	.034	.031	.025
23	.027	.031	.028	.023
24	.024	.028	.025	.020
25	.021	.025	.022	.018
26	.018	.022	.019	.017

Standard Geometry:

Circle

- Circumference = 2 π radius = π diameter
- Area = π radius^2 = π (diameter^2 / 4)

Cylinder

- Volume = (π radius^2)height
- Surface Area = 2 π radius^2+(2 π radius)height

Sphere

- Volume = (4 π radius^3) / 3
- Surface Area = 4 π radius^2

π = 3.14159

United Inch

- The industry standard for measuring windows is the United Inch or UI. The UI is determined by adding the width and the height in inches.

Trademarks

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 General Requirements

01 10 Summary *(01)*

01 11 Summary Of Work *(01 10)*

01 11 13 Work Covered by Contract Documents *(01 11)*

Note: For specification publishing. Review specifications for requirements.

01 11 13 00-0001	NTE	Work Covered by Contract Documents Note: For specification publishing. Review specifications for requirements.	0.00	

01 20 Price and Payment Procedures *(01)*

01 22 Unit Prices *(01 20)*

01 22 16 Unit Price Payment *(01 22)*

01 22 16 00-0001 Reimbursable Fees *(01 22 16)*

Note: Reimbursable fees include but are not limited to permits, special inspections, special insurance, additional warranties, tolls, expedited shipping costs, etc, which are not included in a task or an Adjustment Factor as explained in the Contract or The Construction Task Catalog®.

01 22 16 00-0002	EA	Reimbursable Fees Note: Reimbursable Fees will be paid to the contractor for eligible costs as directed by Owner. Insert the appropriate quantity to adjust the base cost to the actual Reimbursable Fee. If there are multiple Reimbursable Fees, list each one separately and add a comment in the "note" block to identify the Reimbursable Fee (e.g. sidewalk closure, road cut, various permits, extended warranty, expedited shipping costs, etc.). A copy of each receipt, invoice, or proof of payment shall be submitted with the Price Proposal.	1.00	

01 22 20 Wage Rates *(01 22)*

01 22 20 00-0001 Local Labor/Wage Rates *(01 22 20)*

Note: Welders receive the rate prescribed for the craft performing the operation to which the welding is incidental.

01 22 20 00-0002	HR	Asbestos Removal Worker Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	109.01	
		For Foreperson, Add	*5.45*	
		For Apprentice, Deduct	*-21.80*	
01 22 20 00-0003	HR	Insulator Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	115.29	
		For Foreperson, Add	*5.76*	
		For Apprentice, Deduct	*-23.06*	
01 22 20 00-0004	HR	Boilermaker Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	123.72	
		For Foreperson, Add	*6.19*	
		For Apprentice, Deduct	*-24.74*	
01 22 20 00-0005	HR	Brick Layer Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	105.81	
		For Foreperson, Add	*5.29*	
		For Apprentice, Deduct	*-21.16*	
01 22 20 00-0006	HR	Carpenter Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	113.82	
		For Foreperson, Add	*5.69*	
		For Apprentice, Deduct	*-22.76*	
01 22 20 00-0007	HR	Carpet, Linoleum Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	96.66	
		For Foreperson, Add	*4.83*	
		For Apprentice, Deduct	*-19.33*	
01 22 20 00-0008	HR	Cement Mason Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	101.82	
		For Foreperson, Add	*5.09*	
		For Apprentice, Deduct	*-20.36*	
01 22 20 00-0009	HR	Drywall Finisher Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	107.67	
		For Foreperson, Add	*5.38*	
		For Apprentice, Deduct	*-21.53*	
01 22 20 00-0010	HR	Electrician Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	130.19	
		For Foreperson, Add	*6.51*	
		For Apprentice, Deduct	*-26.04*	
01 22 20 00-0011	HR	Equipment Operator, Crane Group 3 Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	136.34	
		For Foreperson, Add	*6.82*	
01 22 20 00-0012	HR	Equipment Operator, Crane Group 5 Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	136.86	
		For Foreperson, Add	*6.84*	
01 22 20 00-0013	HR	Equipment Operator, Crane Group 7 Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	137.20	
		For Foreperson, Add	*6.86*	
01 22 20 00-0014	HR	Equipment Operator, Crane Group 8 Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	137.44	
		For Foreperson, Add	*6.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0015	HR	Equipment Operator, Crane Group 9	137.69	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*6.88*	
01 22 20 00-0016	HR	Equipment Operator, Crane Group 10	139.15	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*6.96*	
01 22 20 00-0017	HR	Equipment Operator, Crane Group 11	140.61	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*7.03*	
01 22 20 00-0018	HR	Equipment Operator, Crane Group 12	142.07	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*7.10*	
01 22 20 00-0019	HR	Equipment Operator, Crane Group 13	143.52	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*7.18*	
01 22 20 00-0020	HR	Equipment Operator, Group 2	133.94	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*6.70*	
		For Apprentice, Deduct	*-26.79*	
01 22 20 00-0021	HR	Equipment Operator, Group 3	134.37	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*6.72*	
		For Apprentice, Deduct	*-26.87*	
01 22 20 00-0022	HR	Equipment Operator, Group 4	136.54	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*6.83*	
		For Apprentice, Deduct	*-27.31*	
01 22 20 00-0023	HR	Equipment Operator, Group 6	136.86	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*6.84*	
		For Apprentice, Deduct	*-27.37*	
01 22 20 00-0024	HR	Equipment Operator, Group 8	137.02	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*6.85*	
		For Apprentice, Deduct	*-27.40*	
01 22 20 00-0025	HR	Equipment Operator, Group 10	137.20	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*6.86*	
		For Apprentice, Deduct	*-27.44*	
01 22 20 00-0026	HR	Equipment Operator, Group 12	137.44	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*6.87*	
		For Apprentice, Deduct	*-27.49*	
01 22 20 00-0027	HR	Glazier	118.83	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*5.94*	
		For Apprentice, Deduct	*-23.77*	
01 22 20 00-0028	HR	Laborer	104.01	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
01 22 20 00-0029	HR	Lather	105.48	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*5.27*	
		For Apprentice, Deduct	*-21.10*	
01 22 20 00-0030	HR	Marble Setter	105.41	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*5.27*	
		For Apprentice, Deduct	*-21.08*	
01 22 20 00-0031	HR	Millwright	106.55	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*5.33*	
		For Apprentice, Deduct	*-21.31*	
01 22 20 00-0032	HR	Mold Removal Worker	108.55	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*5.43*	
		For Apprentice, Deduct	*-21.71*	
01 22 20 00-0033	HR	Painter, Ordinary	89.38	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*4.47*	
		For Apprentice, Deduct	*-17.88*	
01 22 20 00-0034	HR	Painter, Structural Steel	96.65	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*4.83*	
		For Apprentice, Deduct	*-19.33*	
01 22 20 00-0035	HR	Paperhanger	89.38	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*4.47*	
		For Apprentice, Deduct	*-17.88*	
01 22 20 00-0036	HR	Pile Drivers	112.71	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*5.64*	
		For Apprentice, Deduct	*-22.54*	
01 22 20 00-0037	HR	Plasterer	106.23	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*5.31*	
		For Apprentice, Deduct	*-21.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0038	HR	Plumber	123.25	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*6.16*	
		For Apprentice, Deduct	*-24.65*	
01 22 20 00-0039	HR	Powderman	113.82	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*5.69*	
		For Apprentice, Deduct	*-22.76*	
01 22 20 00-0040	HR	Rodman (Reinforcing)/Ornamental Steel Worker	120.60	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*6.03*	
		For Apprentice, Deduct	*-24.12*	
01 22 20 00-0041	HR	Roofer, Composite	135.06	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*6.75*	
		For Apprentice, Deduct	*-27.01*	
01 22 20 00-0042	HR	Roofer, Metal	165.06	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*8.25*	
		For Apprentice, Deduct	*-33.01*	
01 22 20 00-0043	HR	Roofer, Tile/Slate	131.40	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*6.57*	
		For Apprentice, Deduct	*-26.28*	
01 22 20 00-0044	HR	Sheet Metal Worker	134.53	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*6.73*	
		For Apprentice, Deduct	*-26.91*	
01 22 20 00-0045	HR	Sprinkler Installer	118.60	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*5.93*	
		For Apprentice, Deduct	*-23.72*	
01 22 20 00-0046	HR	Steam / Pipe Fitter	123.25	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*6.16*	
		For Apprentice, Deduct	*-24.65*	
01 22 20 00-0047	HR	Stone Mason	105.41	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*5.27*	
		For Apprentice, Deduct	*-21.08*	
01 22 20 00-0048	HR	Structural Steel Worker	124.29	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*6.21*	
		For Apprentice, Deduct	*-24.86*	
01 22 20 00-0049	HR	Tile Layer	102.66	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*5.13*	
		For Apprentice, Deduct	*-20.53*	
01 22 20 00-0050	HR	Terrazzo Worker	91.31	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*4.57*	
		For Apprentice, Deduct	*-18.26*	
01 22 20 00-0051	HR	Truck Driver, Group 2	102.67	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*5.13*	
		For Apprentice, Deduct	*-20.53*	
01 22 20 00-0052	HR	Truck Driver, Group 3	102.86	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*5.14*	
		For Apprentice, Deduct	*-20.57*	
01 22 20 00-0053	HR	Truck Driver, Group 4	103.14	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*5.16*	
		For Apprentice, Deduct	*-20.63*	
01 22 20 00-0054	HR	Truck Driver, Group 5	103.19	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*5.16*	
		For Apprentice, Deduct	*-20.64*	
01 22 20 00-0055	HR	Truck Driver, Group 6	103.23	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*5.16*	
		For Apprentice, Deduct	*-20.65*	
01 22 20 00-0056	HR	Truck Driver, Group 7	103.61	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-20.72*	
01 22 20 00-0057	HR	Truck Driver, Group 8	103.98	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*5.20*	
		For Apprentice, Deduct	*-20.80*	
01 22 20 00-0058	HR	Truck Driver, Group 9	104.28	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*5.21*	
		For Apprentice, Deduct	*-20.86*	
01 22 20 00-0059	HR	Class I Diver	223.24	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0060	HR	Class III Diver Tender Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	124.44	
01 22 20 00-0061	HR	Welder Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	124.29	
		For Foreperson, Add	*6.21*	
		For Apprentice, Deduct	*-24.86*	
01 22 20 00-0062	HR	D1 Certified Welder Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	138.11	

01 22 20 00-0063 Rates For Services *(01 22 20)*

01 22 20 00-0064	HR	Watch/Guard Person, Unarmed Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	41.22	
01 22 20 00-0065	HR	Watch/Guard Person, Armed Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	50.58	
01 22 20 00-0066	HR	Senior Surveyor, Party Chief Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	152.63	
01 22 20 00-0067	HR	Surveyor, Instrument Person Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	140.05	
01 22 20 00-0068	HR	Surveyor, Rod Person Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	139.06	
01 22 20 00-0069	HR	On-Site Certified Materials Testing Technician Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	77.85	
01 22 20 00-0070	HR	Certified Industrial Hygienist Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	126.40	
01 22 20 00-0071	MI	Mileage For Professional Services (Engineering, Surveying, etc.) Note: For use only when the Owner directs the contractor to use personnel whose base of operations is more than 100 miles from the site. Quantity shall be miles that exceed 100.	0.72	
01 22 20 00-0072	HR	Fire Watch Laborer Note: Fire watchers shall be required whenever welding or cutting is performed in locations where other than a minor fire might develop, or any of the following conditions exist: (1) Appreciable combustible material, in building construction or contents, closer than 35 feet (10.7 m) to the point of operation. (2) Appreciable combustibles are more than 35 feet (10.7 m) away but are easily ignited by sparks. (3) Wall or floor openings within a 35-foot (10.7 m) radius expose combustible material in adjacent areas including concealed spaces in walls or floors. (4) Combustible materials are adjacent to the opposite side of metal partitions, walls, ceilings, or roofs and are likely to be ignited by conduction or radiation.	104.01	

01 22 20 00-0073 Rates For Project Management Services *(01 22 20)*

Note: Includes subcontracted rates with burden and mark-up

01 22 20 00-0074	HR	Project Manager Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	160.00	

01 22 20 00-0075 Rates For Architectural And Engineering Services *(01 22 20)*

Note: For preparation of contract documents, structural and/or design drawings, special investigating requirements or services outside required architectural and engineering services. Includes subcontracted rates with burden and mark-up

01 22 20 00-0076	HR	Principal Engineer Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	210.00	
01 22 20 00-0077	HR	Senior Engineer Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	174.12	
01 22 20 00-0078	HR	Engineer Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	137.00	

01 22 20 00-0079 Rates For Traffic Control *(01 22 20)*

01 22 20 00-0080	HR	Flagperson For Traffic Control	104.01	

01 22 20 00-0081 Mobilize Equipment *(01 22 20)*

01 22 20 00-0082	HR	Escort Vehicle With Driver	116.90	
01 22 20 00-0083	HR	Transport Vehicle With Driver	161.29	

01 22 23 Equipment Usage *(01 22)*

Note: Includes fuel costs unless otherwise stated. These tasks shall be used for owned, leased or rented equipment. Excludes mobilization unless otherwise stated. See CSI section 01 22 20 00-0079 for traffic control (where required), 01 71 13 00-0000 for equipment delivery, pickup, mobilization and demobilization.

01 22 23 00-0001 Aerial Equipment *(01 22 23)*

01 22 23 00-0002 Man Lifts *(01 22 23 00-0001)*

Note: Excludes operator, delivery, set-up, and removal.

01 22 23 00-0003 Telescoping Boom Man Lifts With Platform *(01 22 23 00-0002)*

01 22 23 00-0004 Engine Powered, Telescoping Boom Man Lifts With Platform *(01 22 23 00-0003)*

Note: Diesel or dual fuel (gasoline or liquid propane gas). Two-wheel drive. For use on unpaved or paved surfaces.

01 22 23 00-0005	DAY	40' Engine Powered, Telescoping Boom Man Lift With Platform	433.19	
		For Four-Wheel Drive, Add	*97.47*	
		For Half Day Usage, Deduct	*-135.37*	
01 22 23 00-0006	WK	40' Engine Powered, Telescoping Boom Man Lift With Platform	1,089.97	
		For Four-Wheel Drive, Add	*245.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0007	MO	40' Engine Powered, Telescoping Boom Man Lift With Platform	2,445.45	
		For Four-Wheel Drive, Add	*550.23*	
		For >6 Months (>26 Weeks), Deduct	*-97.82*	
01 22 23 00-0008	DAY	60' Engine Powered, Telescoping Boom Man Lift With Platform	635.82	
		For Four-Wheel Drive, Add	*143.06*	
		For Half Day Usage, Deduct	*-198.69*	
01 22 23 00-0009	WK	60' Engine Powered, Telescoping Boom Man Lift With Platform	1,516.18	
		For Four-Wheel Drive, Add	*341.14*	
01 22 23 00-0010	MO	60' Engine Powered, Telescoping Boom Man Lift With Platform	3,318.82	
		For Four-Wheel Drive, Add	*746.73*	
		For >6 Months (>26 Weeks), Deduct	*-132.75*	
01 22 23 00-0011	DAY	80' Engine Powered, Telescoping Boom Man Lift With Platform	1,236.70	
		For Four-Wheel Drive, Add	*278.26*	
		For Half Day Usage, Deduct	*-386.47*	
01 22 23 00-0012	WK	80' Engine Powered, Telescoping Boom Man Lift With Platform	2,997.42	
		For Four-Wheel Drive, Add	*674.42*	
01 22 23 00-0013	MO	80' Engine Powered, Telescoping Boom Man Lift With Platform	6,288.30	
		For Four-Wheel Drive, Add	*1,414.87*	
		For >6 Months (>26 Weeks), Deduct	*-251.53*	
01 22 23 00-0014	DAY	110' Engine Powered, Telescoping Boom Man Lift With Platform	1,760.72	
		For Four-Wheel Drive, Add	*396.16*	
		For Half Day Usage, Deduct	*-550.23*	
01 22 23 00-0015	WK	110' Engine Powered, Telescoping Boom Man Lift With Platform	4,239.71	
		For Four-Wheel Drive, Add	*953.93*	
01 22 23 00-0016	MO	110' Engine Powered, Telescoping Boom Man Lift With Platform	10,564.34	
		For Four-Wheel Drive, Add	*2,376.98*	
		For >6 Months (>26 Weeks), Deduct	*-422.57*	
01 22 23 00-0017	DAY	120' Engine Powered, Telescoping Boom Man Lift With Platform	2,145.01	
		For Four-Wheel Drive, Add	*482.63*	
		For Half Day Usage, Deduct	*-670.32*	
01 22 23 00-0018	WK	120' Engine Powered, Telescoping Boom Man Lift With Platform	5,470.82	
		For Four-Wheel Drive, Add	*1,230.93*	
01 22 23 00-0019	MO	120' Engine Powered, Telescoping Boom Man Lift With Platform	12,436.86	
		For Four-Wheel Drive, Add	*2,798.29*	
		For >6 Months (>26 Weeks), Deduct	*-497.47*	

01 22 23 00-0020 Articulating (Up/Over) Boom Man Lifts With Platform *(01 22 23 00-0002)*

01 22 23 00-0021 Engine Powered, Articulating (Up/Over) Boom Man Lifts With Platform *(01 22 23 00-0020)*

Note: Diesel or dual fuel (gasoline or liquid propane gas). Four-wheel drive. For use on unpaved or paved surfaces.

01 22 23 00-0022	DAY	34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	445.17	
		For Half Day Usage, Deduct	*-139.12*	
01 22 23 00-0023	WK	34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,116.97	
01 22 23 00-0024	MO	34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	2,687.21	
		For >6 Months (>26 Weeks), Deduct	*-107.49*	
01 22 23 00-0025	DAY	45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	566.58	
		For Half Day Usage, Deduct	*-177.06*	
01 22 23 00-0026	WK	45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,238.38	
01 22 23 00-0027	MO	45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	3,074.10	
		For >6 Months (>26 Weeks), Deduct	*-122.96*	
01 22 23 00-0028	DAY	60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	728.46	
		For Half Day Usage, Deduct	*-227.64*	
01 22 23 00-0029	WK	60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,683.55	
01 22 23 00-0030	MO	60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	3,763.71	
		For >6 Months (>26 Weeks), Deduct	*-150.55*	
01 22 23 00-0031	DAY	80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,270.76	
		For Half Day Usage, Deduct	*-397.11*	
01 22 23 00-0032	WK	80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	2,994.78	
01 22 23 00-0033	MO	80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	7,282.98	
		For >6 Months (>26 Weeks), Deduct	*-291.32*	
01 22 23 00-0034	DAY	125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	2,468.67	
		For Half Day Usage, Deduct	*-771.46*	
01 22 23 00-0035	WK	125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	5,827.68	
01 22 23 00-0036	MO	125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	14,245.44	
		For >6 Months (>26 Weeks), Deduct	*-569.82*	

01 22 23 00-0037 Electric, Articulating (Up/Over) Boom Man Lifts With Platform *(01 22 23 00-0020)*

Note: For use on paved surfaces.

01 22 23 00-0038	DAY	30' Electric, Articulating (Up/Over) Boom Man Lift With Platform	445.17	
		For Half Day Usage, Deduct	*-139.12*	
01 22 23 00-0039	WK	30' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,116.97	
01 22 23 00-0040	MO	30' Electric, Articulating (Up/Over) Boom Man Lift With Platform	2,687.21	
		For >6 Months (>26 Weeks), Deduct	*-107.49*	
01 22 23 00-0041	DAY	35' Electric, Articulating (Up/Over) Boom Man Lift With Platform	445.17	
		For Half Day Usage, Deduct	*-139.12*	
01 22 23 00-0042	WK	35' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,116.97	
01 22 23 00-0043	MO	35' Electric, Articulating (Up/Over) Boom Man Lift With Platform	2,687.21	
		For >6 Months (>26 Weeks), Deduct	*-107.49*	
01 22 23 00-0044	DAY	40' Electric, Articulating (Up/Over) Boom Man Lift With Platform	550.39	
		For Half Day Usage, Deduct	*-172.00*	
01 22 23 00-0045	WK	40' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,189.82	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0046	MO	40' Electric, Articulating (Up/Over) Boom Man Lift With Platform	2,954.31	
		For >6 Months (>26 Weeks), Deduct	*-118.17*	
01 22 23 00-0047	DAY	45' Electric, Articulating (Up/Over) Boom Man Lift With Platform	550.39	
		For Half Day Usage, Deduct	*-172.00*	
01 22 23 00-0048	WK	45' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,189.82	
01 22 23 00-0049	MO	45' Electric, Articulating (Up/Over) Boom Man Lift With Platform	2,954.31	
		For >6 Months (>26 Weeks), Deduct	*-118.17*	

01 22 23 00-0050 Platform Lifts *(01 22 23 00-0001)*

Note: Excludes operator, delivery, set-up, and removal.

01 22 23 00-0051 Electric, Scissor Platform Lifts *(01 22 23 00-0050)*

Note: For use on paved surfaces.

01 22 23 00-0052	DAY	17' Electric, Scissor Platform Lift	188.75	
		For Half Day Usage, Deduct	*-58.98*	
01 22 23 00-0053	WK	17' Electric, Scissor Platform Lift	377.50	
01 22 23 00-0054	MO	17' Electric, Scissor Platform Lift	772.16	
		For >6 Months (>26 Weeks), Deduct	*-30.89*	
01 22 23 00-0055	DAY	20' Electric, Scissor Platform Lift	205.91	
		For Half Day Usage, Deduct	*-64.35*	
01 22 23 00-0056	WK	20' Electric, Scissor Platform Lift	411.82	
01 22 23 00-0057	MO	20' Electric, Scissor Platform Lift	823.63	
		For >6 Months (>26 Weeks), Deduct	*-32.95*	
01 22 23 00-0058	DAY	25' Electric, Scissor Platform Lift	265.96	
		For Half Day Usage, Deduct	*-83.11*	
01 22 23 00-0059	WK	25' Electric, Scissor Platform Lift	531.93	
01 22 23 00-0060	MO	25' Electric, Scissor Platform Lift	1,141.07	
		For >6 Months (>26 Weeks), Deduct	*-45.64*	
01 22 23 00-0061	DAY	30' Electric, Scissor Platform Lift	343.18	
		For Half Day Usage, Deduct	*-107.24*	
01 22 23 00-0062	WK	30' Electric, Scissor Platform Lift	677.78	
01 22 23 00-0063	MO	30' Electric, Scissor Platform Lift	1,501.41	
		For >6 Months (>26 Weeks), Deduct	*-60.06*	
01 22 23 00-0064	DAY	33' Electric, Scissor Platform Lift	368.92	
		For Half Day Usage, Deduct	*-115.29*	
01 22 23 00-0065	WK	33' Electric, Scissor Platform Lift	720.68	
01 22 23 00-0066	MO	33' Electric, Scissor Platform Lift	1,630.10	
		For >6 Months (>26 Weeks), Deduct	*-65.20*	
01 22 23 00-0067	DAY	40' Electric, Scissor Platform Lift	480.45	
		For Half Day Usage, Deduct	*-150.14*	
01 22 23 00-0068	WK	40' Electric, Scissor Platform Lift	1,192.55	
01 22 23 00-0069	MO	40' Electric, Scissor Platform Lift	3,320.27	
		For >6 Months (>26 Weeks), Deduct	*-132.81*	

01 22 23 00-0070 Engine Powered, Scissor Platform Lifts *(01 22 23 00-0050)*

Note: Diesel or dual fuel (gasoline or liquid propane gas). Two-wheel drive. For use on unpaved or paved surfaces.

01 22 23 00-0071	DAY	25' Engine Powered, Scissor Platform Lift	405.92	
		For Four-Wheel Drive, Add	*81.18*	
		For Half Day Usage, Deduct	*-126.85*	
01 22 23 00-0072	WK	25' Engine Powered, Scissor Platform Lift	793.80	
		For Four-Wheel Drive, Add	*158.76*	
01 22 23 00-0073	MO	25' Engine Powered, Scissor Platform Lift	1,939.41	
		For Four-Wheel Drive, Add	*387.88*	
		For >6 Months (>26 Weeks), Deduct	*-77.58*	
01 22 23 00-0074	DAY	33' Engine Powered, Scissor Platform Lift	414.94	
		For Four-Wheel Drive, Add	*82.99*	
		For Half Day Usage, Deduct	*-129.67*	
01 22 23 00-0075	WK	33' Engine Powered, Scissor Platform Lift	947.15	
		For Four-Wheel Drive, Add	*189.43*	
01 22 23 00-0076	MO	33' Engine Powered, Scissor Platform Lift	2,074.72	
		For Four-Wheel Drive, Add	*414.94*	
		For >6 Months (>26 Weeks), Deduct	*-82.99*	
01 22 23 00-0077	DAY	40' Engine Powered, Scissor Platform Lift	460.05	
		For Four-Wheel Drive, Add	*92.01*	
		For Half Day Usage, Deduct	*-143.77*	
01 22 23 00-0078	WK	40' Engine Powered, Scissor Platform Lift	1,055.40	
		For Four-Wheel Drive, Add	*211.08*	
01 22 23 00-0079	MO	40' Engine Powered, Scissor Platform Lift	2,345.33	
		For Four-Wheel Drive, Add	*469.07*	
		For >6 Months (>26 Weeks), Deduct	*-93.81*	
01 22 23 00-0080	DAY	43' Engine Powered, Scissor Platform Lift	487.11	
		For Four-Wheel Drive, Add	*97.42*	
		For Half Day Usage, Deduct	*-152.22*	
01 22 23 00-0081	WK	43' Engine Powered, Scissor Platform Lift	1,136.58	
		For Four-Wheel Drive, Add	*227.32*	
01 22 23 00-0082	MO	43' Engine Powered, Scissor Platform Lift	2,796.36	
		For Four-Wheel Drive, Add	*559.27*	
		For >6 Months (>26 Weeks), Deduct	*-111.85*	
01 22 23 00-0083	DAY	50' Engine Powered, Scissor Platform Lift	911.07	
		For Four-Wheel Drive, Add	*182.21*	
		For Half Day Usage, Deduct	*-284.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0084	WK	50' Engine Powered, Scissor Platform Lift	2,002.55	
		For Four-Wheel Drive, Add	*400.51*	
01 22 23 00-0085	MO	50' Engine Powered, Scissor Platform Lift	4,925.19	
		For Four-Wheel Drive, Add	*985.04*	
		For >6 Months (>26 Weeks), Deduct	*-197.01*	

01 22 23 00-0086 Personnel Lifts *(01 22 23 00-0001)*

Note: Includes delivery to job site and pick-up when complete. Excludes operator. For use on paved surfaces.

01 22 23 00-0087	DAY	24', Push-Type, Electric Single Man Personnel Lift	148.70	
		For Half Day Usage, Deduct	*-46.47*	
01 22 23 00-0088	WK	24', Push-Type, Electric Single Man Personnel Lift	421.31	
01 22 23 00-0089	MO	24', Push-Type, Electric Single Man Personnel Lift	850.88	
		For >6 Months (>26 Weeks), Deduct	*-34.04*	
01 22 23 00-0090	DAY	30', Push-Type, Electric Single Man Personnel Lift	206.52	
		For Half Day Usage, Deduct	*-64.54*	
01 22 23 00-0091	WK	30', Push-Type, Electric Single Man Personnel Lift	437.83	
01 22 23 00-0092	MO	30', Push-Type, Electric Single Man Personnel Lift	1,486.98	
		For >6 Months (>26 Weeks), Deduct	*-59.48*	
01 22 23 00-0093	DAY	36', Push-Type, Electric Single Man Personnel Lift	346.96	
		For Half Day Usage, Deduct	*-108.43*	
01 22 23 00-0094	WK	36', Push-Type, Electric Single Man Personnel Lift	842.62	
01 22 23 00-0095	MO	36', Push-Type, Electric Single Man Personnel Lift	2,461.78	
		For >6 Months (>26 Weeks), Deduct	*-98.47*	
01 22 23 00-0096	DAY	40', Push-Type, Electric Single Man Personnel Lift	371.74	
		For Half Day Usage, Deduct	*-116.17*	
01 22 23 00-0097	WK	40', Push-Type, Electric Single Man Personnel Lift	925.23	
01 22 23 00-0098	MO	40', Push-Type, Electric Single Man Personnel Lift	2,783.96	
		For >6 Months (>26 Weeks), Deduct	*-111.36*	
01 22 23 00-0099	DAY	15', Self-Propelled, Electric Single Man Personnel Lift	198.26	
		For Half Day Usage, Deduct	*-61.96*	
01 22 23 00-0100	WK	15', Self-Propelled, Electric Single Man Personnel Lift	396.53	
01 22 23 00-0101	MO	15', Self-Propelled, Electric Single Man Personnel Lift	793.06	
		For >6 Months (>26 Weeks), Deduct	*-31.72*	
01 22 23 00-0102	DAY	20', Self-Propelled, Electric Single Man Personnel Lift	198.26	
		For Half Day Usage, Deduct	*-61.96*	
01 22 23 00-0103	WK	20', Self-Propelled, Electric Single Man Personnel Lift	396.53	
01 22 23 00-0104	MO	20', Self-Propelled, Electric Single Man Personnel Lift	824.45	
		For >6 Months (>26 Weeks), Deduct	*-32.98*	

01 22 23 00-0105 Bucket Trucks *(01 22 23 00-0001)*

Note: Includes full-time operator, delivery, and removal.

01 22 23 00-0106	DAY	29' To 33' Bucket Truck With Full-Time Operator	1,524.82	
		For Equipment Without Operator, Deduct	*-825.88*	
		For Half Day Usage, Deduct	*-631.36*	
01 22 23 00-0107	WK	29' To 33' Bucket Truck With Full-Time Operator	6,226.21	
		For Equipment Without Operator, Deduct	*-4,129.39*	
01 22 23 00-0108	MO	29' To 33' Bucket Truck With Full-Time Operator	23,231.38	
		For Equipment Without Operator, Deduct	*-17,894.02*	
		For >6 Months (>26 Weeks), Deduct	*-213.49*	
01 22 23 00-0109	DAY	38' To 41' Bucket Truck With Full-Time Operator	1,613.78	
		For Equipment Without Operator, Deduct	*-825.88*	
		For Half Day Usage, Deduct	*-659.16*	
01 22 23 00-0110	WK	38' To 41' Bucket Truck With Full-Time Operator	6,512.14	
		For Equipment Without Operator, Deduct	*-4,129.39*	
01 22 23 00-0111	MO	38' To 41' Bucket Truck With Full-Time Operator	23,993.86	
		For Equipment Without Operator, Deduct	*-17,894.02*	
		For >6 Months (>26 Weeks), Deduct	*-243.99*	
01 22 23 00-0112	DAY	45' To 48' Bucket Truck With Full-Time Operator	1,842.52	
		For Equipment Without Operator, Deduct	*-825.88*	
		For Half Day Usage, Deduct	*-730.64*	
01 22 23 00-0113	WK	45' To 48' Bucket Truck With Full-Time Operator	6,925.15	
		For Equipment Without Operator, Deduct	*-4,129.39*	
01 22 23 00-0114	MO	45' To 48' Bucket Truck With Full-Time Operator	24,883.42	
		For Equipment Without Operator, Deduct	*-17,894.02*	
		For >6 Months (>26 Weeks), Deduct	*-279.58*	
01 22 23 00-0115	DAY	62' Bucket Truck With Full-Time Operator	2,350.84	
		For Equipment Without Operator, Deduct	*-825.88*	
		For Half Day Usage, Deduct	*-889.49*	
01 22 23 00-0116	WK	62' Bucket Truck With Full-Time Operator	8,577.19	
		For Equipment Without Operator, Deduct	*-4,129.39*	
01 22 23 00-0117	MO	62' Bucket Truck With Full-Time Operator	29,331.22	
		For Equipment Without Operator, Deduct	*-17,894.02*	
		For >6 Months (>26 Weeks), Deduct	*-457.49*	
01 22 23 00-0118	DAY	85' Bucket Truck With Full-Time Operator	2,605.00	
		For Equipment Without Operator, Deduct	*-825.88*	
		For Half Day Usage, Deduct	*-968.92*	
01 22 23 00-0119	WK	85' Bucket Truck With Full-Time Operator	9,466.75	
		For Equipment Without Operator, Deduct	*-4,129.39*	
01 22 23 00-0120	MO	85' Bucket Truck With Full-Time Operator	32,508.22	
		For Equipment Without Operator, Deduct	*-17,894.02*	
		For >6 Months (>26 Weeks), Deduct	*-584.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0121	Day	105' Bucket Truck With Full-Time Operator	2,732.08	
		For Equipment Without Operator, Deduct	*-825.88*	
		For Half Day Usage, Deduct	*-1,008.63*	
01 22 23 00-0122	WK	105' Bucket Truck With Full-Time Operator	9,847.99	
		For Equipment Without Operator, Deduct	*-4,129.39*	
01 22 23 00-0123	MO	105' Bucket Truck With Full-Time Operator	32,813.21	
		For Equipment Without Operator, Deduct	*-17,894.02*	
		For >6 Months (>26 Weeks), Deduct	*-596.77*	

01 22 23 00-0124 Air Equipment *(01 22 23)*

01 22 23 00-0125 Air Compressors *(01 22 23 00-0124)*

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-0126	DAY	100 CFM Diesel Powered Portable Air Compressor	176.13	
		For Half Day Usage, Deduct	*-55.04*	
01 22 23 00-0127	WK	100 CFM Diesel Powered Portable Air Compressor	528.39	
01 22 23 00-0128	MO	100 CFM Diesel Powered Portable Air Compressor	1,467.75	
		For >6 Months (>26 Weeks), Deduct	*-58.71*	
01 22 23 00-0129	DAY	130 CFM Diesel Powered Portable Air Compressor	211.36	
		For Half Day Usage, Deduct	*-66.05*	
01 22 23 00-0130	WK	130 CFM Diesel Powered Portable Air Compressor	622.33	
01 22 23 00-0131	MO	130 CFM Diesel Powered Portable Air Compressor	1,761.30	
		For >6 Months (>26 Weeks), Deduct	*-70.45*	
01 22 23 00-0132	DAY	185 CFM Diesel Powered Portable Air Compressor	281.81	
		For Half Day Usage, Deduct	*-88.07*	
01 22 23 00-0133	WK	185 CFM Diesel Powered Portable Air Compressor	634.07	
01 22 23 00-0134	MO	185 CFM Diesel Powered Portable Air Compressor	1,397.30	
		For >6 Months (>26 Weeks), Deduct	*-55.89*	
01 22 23 00-0135	DAY	375 CFM Diesel Powered Portable Air Compressor	399.23	
		For Half Day Usage, Deduct	*-124.76*	
01 22 23 00-0136	WK	375 CFM Diesel Powered Portable Air Compressor	1,009.81	
01 22 23 00-0137	MO	375 CFM Diesel Powered Portable Air Compressor	2,407.11	
		For >6 Months (>26 Weeks), Deduct	*-96.28*	
01 22 23 00-0138	DAY	600 CFM Diesel Powered Portable Air Compressor	887.70	
		For Half Day Usage, Deduct	*-277.41*	
01 22 23 00-0139	WK	600 CFM Diesel Powered Portable Air Compressor	2,137.04	
01 22 23 00-0140	MO	600 CFM Diesel Powered Portable Air Compressor	5,326.17	
		For >6 Months (>26 Weeks), Deduct	*-213.05*	
01 22 23 00-0141	DAY	750 CFM Diesel Powered Portable Air Compressor	1,068.52	
		For Half Day Usage, Deduct	*-333.91*	
01 22 23 00-0142	WK	750 CFM Diesel Powered Portable Air Compressor	2,630.21	
01 22 23 00-0143	MO	750 CFM Diesel Powered Portable Air Compressor	6,458.10	
		For >6 Months (>26 Weeks), Deduct	*-258.32*	
01 22 23 00-0144	DAY	825 CFM Diesel Powered Portable Air Compressor	1,068.52	
		For Half Day Usage, Deduct	*-333.91*	
01 22 23 00-0145	WK	825 CFM Diesel Powered Portable Air Compressor	2,630.21	
01 22 23 00-0146	MO	825 CFM Diesel Powered Portable Air Compressor	6,458.10	
		For >6 Months (>26 Weeks), Deduct	*-258.32*	
01 22 23 00-0147	DAY	1,300 CFM Diesel Powered Portable Air Compressor	1,244.65	
		For Half Day Usage, Deduct	*-388.95*	
01 22 23 00-0148	WK	1,300 CFM Diesel Powered Portable Air Compressor	2,789.90	
01 22 23 00-0149	MO	1,300 CFM Diesel Powered Portable Air Compressor	7,439.73	
		For >6 Months (>26 Weeks), Deduct	*-297.59*	
01 22 23 00-0150	DAY	1,600 CFM Diesel Powered Portable Air Compressor	1,549.94	
		For Half Day Usage, Deduct	*-484.36*	
01 22 23 00-0151	WK	1,600 CFM Diesel Powered Portable Air Compressor	3,487.37	
01 22 23 00-0152	MO	1,600 CFM Diesel Powered Portable Air Compressor	9,299.66	
		For >6 Months (>26 Weeks), Deduct	*-371.99*	

01 22 23 00-0153 Portable Negative Air Machines *(01 22 23 00-0124)*

Note: A Negative Air Machine is used in a sealed containment area to filter air and exhaust the filtered air through ducting to a location outside the sealed containment area. Includes delivery to job site and pick-up when complete. Excludes all filters and duct.

01 22 23 00-0154	DAY	Up To 2,000 CFM, Portable Negative Air Machine	102.65	
		For Half Day Usage, Deduct	*-32.08*	
01 22 23 00-0155	WK	Up To 2,000 CFM, Portable Negative Air Machine	421.59	
01 22 23 00-0156	MO	Up To 2,000 CFM, Portable Negative Air Machine	1,273.94	
		For >6 Months (>26 Weeks), Deduct	*-50.96*	
01 22 23 00-0157	EA	First Stage Pre-Filter For Portable Negative Air Machines	15.35	
01 22 23 00-0158	EA	Second Stage Pre-Filter For Portable Negative Air Machines	30.82	
01 22 23 00-0159	EA	High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Portable Negative Air Machines	144.87	
01 22 23 00-0160	LF	Flexible Exhaust Duct For Portable Negative Air Machines	2.50	

01 22 23 00-0161 Portable Air Scrubbers *(01 22 23 00-0124)*

Note: A Portable Air Scrubber filters and recirculates the filtered air into the same space and does not use ducting to exhaust the filtered air to a different location. Includes delivery to job site and pick-up when complete. Excludes all filters.

01 22 23 00-0162	DAY	Up To 1,000 CFM, Portable Air Scrubber	67.61	
		For Half Day Usage, Deduct	*-21.13*	
01 22 23 00-0163	WK	Up To 1,000 CFM, Portable Air Scrubber	281.04	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0164	MO	Up To 1,000 CFM, Portable Air Scrubber	777.94	
		For >6 Months (>26 Weeks), Deduct	*-31.12*	
01 22 23 00-0165	DAY	>1,000 to 2,000 CFM, Portable Air Scrubber	85.53	
		For Half Day Usage, Deduct	*-26.73*	
01 22 23 00-0166	WK	>1,000 to 2,000 CFM, Portable Air Scrubber	354.35	
01 22 23 00-0167	MO	>1,000 to 2,000 CFM, Portable Air Scrubber	1,038.62	
		For >6 Months (>26 Weeks), Deduct	*-41.54*	
01 22 23 00-0168	DAY	>2,000 To 5,000 CFM, Portable Air Scrubber	109.97	
		For Half Day Usage, Deduct	*-34.37*	
01 22 23 00-0169	WK	>2,000 To 5,000 CFM, Portable Air Scrubber	468.40	
01 22 23 00-0170	MO	>2,000 To 5,000 CFM, Portable Air Scrubber	1,311.51	
		For >6 Months (>26 Weeks), Deduct	*-52.46*	
01 22 23 00-0171	EA	First Stage Pre-Filter For Portable Air Scrubbers	20.24	
01 22 23 00-0172	EA	Second Stage Pre-Filter For Portable Air Scrubbers	26.75	
01 22 23 00-0173	EA	High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Portable Air Scrubbers	242.62	

01 22 23 00-0174 Compaction And Paving Equipment *(01 22 23)*

01 22 23 00-0175 Steel Roadway Plates *(01 22 23 00-0174)*

Note: 3 day minimum. Excludes delivery to job site and pick-up when complete. See CSI section 01 22 23 00-0176 for for placement (set-up) from truck and removal from ground (load on truck), 01 71 13 00-0001 for material delivery on truck.

01 22 23 00-0176	EA	Placement And Removal Of Steel Roadway Plates	65.52	
01 22 23 00-0177	DAY	1" x 4' x 8' Steel Plate	44.88	
01 22 23 00-0178	WK	1" x 4' x 8' Steel Plate	105.98	
01 22 23 00-0179	MO	1" x 4' x 8' Steel Plate	139.47	
		For >6 Months (>26 Weeks), Deduct	*-5.58*	
01 22 23 00-0180	DAY	1" x 4' x 10' Steel Plate	59.85	
01 22 23 00-0181	WK	1" x 4' x 10' Steel Plate	134.65	
01 22 23 00-0182	MO	1" x 4' x 10' Steel Plate	164.58	
		For >6 Months (>26 Weeks), Deduct	*-6.58*	
01 22 23 00-0183	DAY	1" x 5' x 10' Steel Plate	62.34	
01 22 23 00-0184	WK	1" x 5' x 10' Steel Plate	140.89	
01 22 23 00-0185	MO	1" x 5' x 10' Steel Plate	374.04	
		For >6 Months (>26 Weeks), Deduct	*-14.96*	
01 22 23 00-0186	DAY	1" x 6' x 8' Steel Plate	39.90	
01 22 23 00-0187	WK	1" x 6' x 8' Steel Plate	89.77	
01 22 23 00-0188	MO	1" x 6' x 8' Steel Plate	239.39	
		For >6 Months (>26 Weeks), Deduct	*-9.58*	
01 22 23 00-0189	DAY	1" x 6' x 10' Steel Plate	74.81	
01 22 23 00-0190	WK	1" x 6' x 10' Steel Plate	98.50	
01 22 23 00-0191	MO	1" x 6' x 10' Steel Plate	263.07	
		For >6 Months (>26 Weeks), Deduct	*-10.52*	
01 22 23 00-0192	DAY	1" x 6' x 12' Steel Plate	104.73	
01 22 23 00-0193	WK	1" x 6' x 12' Steel Plate	134.03	
01 22 23 00-0194	MO	1" x 6' x 12' Steel Plate	362.82	
		For >6 Months (>26 Weeks), Deduct	*-14.51*	
01 22 23 00-0195	DAY	1" x 8' x 10' Steel Plate	66.08	
01 22 23 00-0196	WK	1" x 8' x 10' Steel Plate	148.37	
01 22 23 00-0197	MO	1" x 8' x 10' Steel Plate	395.24	
		For >6 Months (>26 Weeks), Deduct	*-15.81*	
01 22 23 00-0198	DAY	1" x 8' x 12' Steel Plate	119.69	
01 22 23 00-0199	WK	1" x 8' x 12' Steel Plate	148.37	
01 22 23 00-0200	MO	1" x 8' x 12' Steel Plate	718.16	
		For >6 Months (>26 Weeks), Deduct	*-28.73*	
01 22 23 00-0201	DAY	1" x 8' x 16' Steel Plate	159.59	
01 22 23 00-0202	WK	1" x 8' x 16' Steel Plate	359.08	
01 22 23 00-0203	MO	1" x 8' x 16' Steel Plate	957.54	
		For >6 Months (>26 Weeks), Deduct	*-38.30*	
01 22 23 00-0204	LF	Cold Mix For Temporary Ramp Base, 6" At Edge Of Trench Plate	2.84	1.28
01 22 23 00-0205	EA	Removal And Resetting Of Steel Roadway Plate	36.40	

01 22 23 00-0206 Street Sweepers *(01 22 23 00-0174)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0207	DAY	8' Road Broom, Self-Propelled Street Sweeper With Full-Time Operator	1,305.80	
		For Equipment Without Operator, Deduct	*-1,092.32*	
		For Half Day Usage, Deduct	*-612.87*	
01 22 23 00-0208	WK	8' Road Broom, Self-Propelled Street Sweeper With Full-Time Operator	6,307.54	
		For Equipment Without Operator, Deduct	*-5,461.58*	
01 22 23 00-0209	MO	8' Road Broom, Self-Propelled Street Sweeper With Full-Time Operator	26,680.82	
		For Equipment Without Operator, Deduct	*-23,666.85*	
		For >6 Months (>26 Weeks), Deduct	*-120.56*	
01 22 23 00-0210	DAY	Self-Propelled Street Sweeper With Hopper And Full-Time Operator Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.	2,865.84	
		For Equipment Without Operator, Deduct	*-1,092.32*	
		For Half Day Usage, Deduct	*-1,100.39*	
01 22 23 00-0211	WK	Self-Propelled Street Sweeper With Hopper And Full-Time Operator Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.	12,565.44	
		For Equipment Without Operator, Deduct	*-5,461.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0212	MO	Self-Propelled Street Sweeper With Hopper And Full-Time Operator Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.	49,018.82	
		For Equipment Without Operator, Deduct	*-23,666.85*	
		For >6 Months (>26 Weeks), Deduct	*-1,014.08*	

01 22 23 00-0213 Earthmoving Equipment *(01 22 23)*

01 22 23 00-0214 Skid-Steer Loaders *(01 22 23 00-0213)*

Note: Includes full-time operator and combination bucket and dozer blade attachments. Add extra attachments where necessary. Excludes delivery, set-up, and removal.

01 22 23 00-0215	DAY	700 Lb. Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator	1,471.02	
		For Equipment Without Operator, Deduct	*-1,092.32*	
		For Half Day Usage, Deduct	*-664.50*	
01 22 23 00-0216	WK	700 Lb. Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator	6,455.06	
		For Equipment Without Operator, Deduct	*-5,461.58*	
01 22 23 00-0217	MO	700 Lb. Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator	26,059.45	
		For Equipment Without Operator, Deduct	*-23,666.85*	
		For >6 Months (>26 Weeks), Deduct	*-95.70*	
01 22 23 00-0218	DAY	1,500 To 1,700 Lb. Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator	1,570.84	
		For Equipment Without Operator, Deduct	*-1,092.32*	
		For Half Day Usage, Deduct	*-695.70*	
01 22 23 00-0219	WK	1,500 To 1,700 Lb. Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator	6,635.69	
		For Equipment Without Operator, Deduct	*-5,461.58*	
01 22 23 00-0220	MO	1,500 To 1,700 Lb. Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator	26,455.57	
		For Equipment Without Operator, Deduct	*-23,666.85*	
		For >6 Months (>26 Weeks), Deduct	*-111.55*	
01 22 23 00-0221	DAY	2,000 To 2,400 Lb. Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator	1,599.36	
		For Equipment Without Operator, Deduct	*-1,092.32*	
		For Half Day Usage, Deduct	*-704.61*	
01 22 23 00-0222	WK	2,000 To 2,400 Lb. Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator	6,895.55	
		For Equipment Without Operator, Deduct	*-5,461.58*	
01 22 23 00-0223	MO	2,000 To 2,400 Lb. Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator	27,144.83	
		For Equipment Without Operator, Deduct	*-23,666.85*	
		For >6 Months (>26 Weeks), Deduct	*-139.12*	
01 22 23 00-0224	DAY	2,500 To 2,700 Lb. Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	1,710.28	
		For Equipment Without Operator, Deduct	*-1,092.32*	
		For Half Day Usage, Deduct	*-739.27*	
01 22 23 00-0225	WK	2,500 To 2,700 Lb. Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	7,259.99	
		For Equipment Without Operator, Deduct	*-5,461.58*	
01 22 23 00-0226	MO	2,500 To 2,700 Lb. Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	28,349.05	
		For Equipment Without Operator, Deduct	*-23,666.85*	
		For >6 Months (>26 Weeks), Deduct	*-187.29*	
01 22 23 00-0227	DAY	3,200 To 3,500 Lb. Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	1,900.42	
		For Equipment Without Operator, Deduct	*-1,092.32*	
		For Half Day Usage, Deduct	*-798.69*	
01 22 23 00-0228	WK	3,200 To 3,500 Lb. Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	7,980.94	
		For Equipment Without Operator, Deduct	*-5,461.58*	
01 22 23 00-0229	MO	3,200 To 3,500 Lb. Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	30,123.69	
		For Equipment Without Operator, Deduct	*-23,666.85*	
		For >6 Months (>26 Weeks), Deduct	*-258.27*	
01 22 23 00-0230	DAY	Hydraulic Hammer Attachment For Skid-Steer Loaders	316.90	
		For Half Day Usage, Deduct	*-99.03*	
01 22 23 00-0231	WK	Hydraulic Hammer Attachment For Skid-Steer Loaders	1,053.69	
01 22 23 00-0232	MO	Hydraulic Hammer Attachment For Skid-Steer Loaders	2,804.56	
		For >6 Months (>26 Weeks), Deduct	*-112.18*	
01 22 23 00-0233	DAY	Forklift Attachment For Skid-Steer Loaders	68.13	
		For Half Day Usage, Deduct	*-21.29*	
01 22 23 00-0234	WK	Forklift Attachment For Skid-Steer Loaders	182.22	
01 22 23 00-0235	MO	Forklift Attachment For Skid-Steer Loaders	514.96	
		For >6 Months (>26 Weeks), Deduct	*-20.60*	
01 22 23 00-0236	DAY	Backhoe Attachment For Skid-Steer Loaders	150.53	
		For Half Day Usage, Deduct	*-47.04*	
01 22 23 00-0237	WK	Backhoe Attachment For Skid-Steer Loaders	361.27	
01 22 23 00-0238	MO	Backhoe Attachment For Skid-Steer Loaders	898.41	
		For >6 Months (>26 Weeks), Deduct	*-35.94*	
01 22 23 00-0239	DAY	Broom Attachment For Skid-Steer Loaders	148.94	
		For Half Day Usage, Deduct	*-46.54*	
01 22 23 00-0240	WK	Broom Attachment For Skid-Steer Loaders	404.05	
01 22 23 00-0241	MO	Broom Attachment For Skid-Steer Loaders	1,069.54	
		For >6 Months (>26 Weeks), Deduct	*-42.78*	
01 22 23 00-0242	DAY	Auger Attachment For Skid-Steer Loaders Note: Excludes bits and extensions	129.93	
		For Half Day Usage, Deduct	*-40.60*	
01 22 23 00-0243	WK	Auger Attachment For Skid-Steer Loaders Note: Excludes bits and extensions	358.10	
01 22 23 00-0244	MO	Auger Attachment For Skid-Steer Loaders Note: Excludes bits and extensions	977.64	
		For >6 Months (>26 Weeks), Deduct	*-39.11*	
01 22 23 00-0245	DAY	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers Note: Excludes auger attachment	35.81	
		For Half Day Usage, Deduct	*-11.19*	
01 22 23 00-0246	WK	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers Note: Excludes auger attachment	93.69	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0247	MO	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers Note: Excludes auger attachment	275.56	
		For >6 Months (>26 Weeks), Deduct	*-11.02*	
01 22 23 00-0248	DAY	>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers Note: Excludes auger attachment	48.22	
		For Half Day Usage, Deduct	*-15.07*	
01 22 23 00-0249	WK	>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers Note: Excludes auger attachment	119.87	
01 22 23 00-0250	MO	>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers Note: Excludes auger attachment	358.24	
		For >6 Months (>26 Weeks), Deduct	*-14.33*	
01 22 23 00-0251	DAY	Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers Note: Excludes auger attachment	70.26	
		For Half Day Usage, Deduct	*-21.96*	
01 22 23 00-0252	WK	Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers Note: Excludes auger attachment	213.57	
01 22 23 00-0253	MO	Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers Note: Excludes auger attachment	633.80	
		For >6 Months (>26 Weeks), Deduct	*-25.35*	
01 22 23 00-0254	DAY	2' Length, Auger Bit Extension For Skid-Steer Mounted Augers Note: Excludes auger attachment	14.26	
		For Half Day Usage, Deduct	*-4.46*	
01 22 23 00-0255	WK	2' Length, Auger Bit Extension For Skid-Steer Mounted Augers Note: Excludes auger attachment	33.27	
01 22 23 00-0256	MO	2' Length, Auger Bit Extension For Skid-Steer Mounted Augers Note: Excludes auger attachment	88.73	
		For >6 Months (>26 Weeks), Deduct	*-3.55*	

01 22 23 00-0257 Bulldozers *(01 22 23 00-0213)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0258	DAY	70 HP, D3 Bulldozer With Full-Time Operator	1,502.20	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-674.97*	
01 22 23 00-0259	WK	70 HP, D3 Bulldozer With Full-Time Operator	7,081.98	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0260	MO	70 HP, D3 Bulldozer With Full-Time Operator	28,500.08	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-189.99*	
01 22 23 00-0261	DAY	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	1,693.73	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-734.82*	
01 22 23 00-0262	WK	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	7,855.74	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0263	MO	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	30,874.99	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-284.99*	
01 22 23 00-0264	DAY	140 HP, D6 Bulldozer With Full-Time Operator	2,237.66	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-904.80*	
01 22 23 00-0265	WK	140 HP, D6 Bulldozer With Full-Time Operator	10,031.46	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0266	MO	140 HP, D6 Bulldozer With Full-Time Operator	37,386.84	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-545.46*	
01 22 23 00-0267	DAY	200 HP, D7 Bulldozer With Full-Time Operator	2,720.30	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-1,055.63*	
01 22 23 00-0268	WK	200 HP, D7 Bulldozer With Full-Time Operator	11,969.70	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0269	MO	200 HP, D7 Bulldozer With Full-Time Operator	43,209.20	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-778.36*	
01 22 23 00-0270	DAY	335 HP, D8 Bulldozer With Full-Time Operator	3,294.88	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-1,235.18*	
01 22 23 00-0271	WK	335 HP, D8 Bulldozer With Full-Time Operator	14,268.00	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0272	MO	335 HP, D8 Bulldozer With Full-Time Operator	50,104.10	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-1,054.15*	
01 22 23 00-0273	DAY	460 HP, D9 Bulldozer With Full-Time Operator	3,616.64	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-1,335.73*	
01 22 23 00-0274	WK	460 HP, D9 Bulldozer With Full-Time Operator	15,547.38	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0275	MO	460 HP, D9 Bulldozer With Full-Time Operator	53,934.60	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-1,207.37*	

01 22 23 00-0276 Motor Scraper *(01 22 23 00-0213)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0277	DAY	11 CY Motor Scraper-Hauler With Full-Time Operator	2,438.64	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-967.61*	
01 22 23 00-0278	WK	11 CY Motor Scraper-Hauler With Full-Time Operator	10,850.71	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0279	MO	11 CY Motor Scraper-Hauler With Full-Time Operator	39,841.51	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-643.65*	
01 22 23 00-0280	DAY	18 CY Motor Scraper-Hauler With Full-Time Operator	2,981.15	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-1,137.14*	
01 22 23 00-0281	WK	18 CY Motor Scraper-Hauler With Full-Time Operator	13,020.73	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0282	MO	18 CY Motor Scraper-Hauler With Full-Time Operator	46,369.96	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-904.79*	
01 22 23 00-0283	DAY	24 CY Motor Scraper-Hauler With Full-Time Operator	3,505.26	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-1,300.93*	
01 22 23 00-0284	WK	24 CY Motor Scraper-Hauler With Full-Time Operator	15,107.99	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0285	MO	24 CY Motor Scraper-Hauler With Full-Time Operator	52,622.56	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-1,154.89*	

01 22 23 00-0286 Hydraulic Excavators *(01 22 23 00-0213)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0287	DAY	3/8 CY Hydraulic Excavator With Full-Time Operator	1,463.96	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-663.02*	
01 22 23 00-0288	WK	3/8 CY Hydraulic Excavator With Full-Time Operator	6,781.73	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0289	MO	3/8 CY Hydraulic Excavator With Full-Time Operator	28,109.30	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-174.36*	
01 22 23 00-0290	DAY	1/2 CY Hydraulic Excavator With Full-Time Operator	1,567.49	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-695.37*	
01 22 23 00-0291	WK	1/2 CY Hydraulic Excavator With Full-Time Operator	7,238.07	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0292	MO	1/2 CY Hydraulic Excavator With Full-Time Operator	29,934.65	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-247.38*	
01 22 23 00-0293	DAY	5/8 CY Hydraulic Excavator With Full-Time Operator	1,600.18	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-705.59*	
01 22 23 00-0294	WK	5/8 CY Hydraulic Excavator With Full-Time Operator	7,408.34	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0295	MO	5/8 CY Hydraulic Excavator With Full-Time Operator	30,234.33	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-259.36*	
01 22 23 00-0296	DAY	3/4 CY Hydraulic Excavator With Full-Time Operator	1,634.24	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-716.23*	
01 22 23 00-0297	WK	3/4 CY Hydraulic Excavator With Full-Time Operator	7,565.00	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0298	MO	3/4 CY Hydraulic Excavator With Full-Time Operator	30,534.02	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-271.35*	
01 22 23 00-0299	DAY	7/8 To 1 CY Hydraulic Excavator With Full-Time Operator	1,661.48	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-724.74*	
01 22 23 00-0300	WK	7/8 To 1 CY Hydraulic Excavator With Full-Time Operator	7,728.46	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0301	MO	7/8 To 1 CY Hydraulic Excavator With Full-Time Operator	30,833.70	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-283.34*	
01 22 23 00-0302	DAY	1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	2,029.28	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-839.68*	
01 22 23 00-0303	WK	1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	9,192.83	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0304	MO	1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	34,886.24	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-445.44*	
01 22 23 00-0305	DAY	1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator	2,083.77	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-856.71*	
01 22 23 00-0306	WK	1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator	9,431.21	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0307	MO	1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator	35,601.40	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-474.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0308	DAY	1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	2,185.93	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-888.64*	
01 22 23 00-0309	WK	1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	9,839.87	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0310	MO	1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	36,827.38	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-523.08*	
01 22 23 00-0311	DAY	2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator	2,301.72	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-924.82*	
01 22 23 00-0312	WK	2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator	10,296.21	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0313	MO	2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator	38,189.58	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-577.57*	
01 22 23 00-0314	DAY	2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator	2,335.77	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-935.46*	
01 22 23 00-0315	WK	2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator	10,432.43	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0316	MO	2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator	38,598.24	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-593.92*	
01 22 23 00-0317	DAY	3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator	2,662.70	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-1,037.63*	
01 22 23 00-0318	WK	3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator	11,746.95	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0319	MO	3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator	42,548.62	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-751.93*	
01 22 23 00-0320	DAY	4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator	3,132.66	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-1,184.49*	
01 22 23 00-0321	WK	4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator	13,613.16	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0322	MO	4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator	48,133.64	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-975.34*	
01 22 23 00-0323	DAY	Thumbs Or Grapple Attachment For Hydraulic Excavators	95.35	
		For Half Day Usage, Deduct	*-29.80*	
01 22 23 00-0324	WK	Thumbs Or Grapple Attachment For Hydraulic Excavators	367.79	
01 22 23 00-0325	MO	Thumbs Or Grapple Attachment For Hydraulic Excavators	1,089.76	
		For >6 Months (>26 Weeks), Deduct	*-43.59*	
01 22 23 00-0326	DAY	1,000 FT-Lb. Hydraulic Hammer Attachment For Hydraulic Excavators	422.28	
		For Half Day Usage, Deduct	*-131.96*	
01 22 23 00-0327	WK	1,000 FT-Lb. Hydraulic Hammer Attachment For Hydraulic Excavators	1,117.00	
01 22 23 00-0328	MO	1,000 FT-Lb. Hydraulic Hammer Attachment For Hydraulic Excavators	3,126.25	
		For >6 Months (>26 Weeks), Deduct	*-125.05*	
01 22 23 00-0329	DAY	1,500 FT-Lb. Hydraulic Hammer Attachment For Hydraulic Excavators	653.86	
		For Half Day Usage, Deduct	*-204.33*	
01 22 23 00-0330	WK	1,500 FT-Lb. Hydraulic Hammer Attachment For Hydraulic Excavators	1,668.70	
01 22 23 00-0331	MO	1,500 FT-Lb. Hydraulic Hammer Attachment For Hydraulic Excavators	4,338.61	
		For >6 Months (>26 Weeks), Deduct	*-173.54*	
01 22 23 00-0332	DAY	3,000 FT-Lb. Hydraulic Hammer Attachment For Hydraulic Excavators	912.67	
		For Half Day Usage, Deduct	*-285.21*	
01 22 23 00-0333	WK	3,000 FT-Lb. Hydraulic Hammer Attachment For Hydraulic Excavators	2,458.77	
01 22 23 00-0334	MO	3,000 FT-Lb. Hydraulic Hammer Attachment For Hydraulic Excavators	6,892.73	
		For >6 Months (>26 Weeks), Deduct	*-275.71*	
01 22 23 00-0335	DAY	24" Compaction Wheel Attachment For Hydraulic Excavators	190.71	
		For Half Day Usage, Deduct	*-59.60*	
01 22 23 00-0336	WK	24" Compaction Wheel Attachment For Hydraulic Excavators	762.83	
01 22 23 00-0337	MO	24" Compaction Wheel Attachment For Hydraulic Excavators	2,288.50	
		For >6 Months (>26 Weeks), Deduct	*-91.54*	
01 22 23 00-0338	DAY	36" Compaction Wheel Attachment For Hydraulic Excavators	272.44	
		For Half Day Usage, Deduct	*-85.14*	
01 22 23 00-0339	WK	36" Compaction Wheel Attachment For Hydraulic Excavators	1,089.76	
01 22 23 00-0340	MO	36" Compaction Wheel Attachment For Hydraulic Excavators	3,269.28	
		For >6 Months (>26 Weeks), Deduct	*-130.77*	
01 22 23 00-0341	DAY	48" Compaction Wheel Attachment For Hydraulic Excavators	299.68	
		For Half Day Usage, Deduct	*-93.65*	
01 22 23 00-0342	WK	48" Compaction Wheel Attachment For Hydraulic Excavators	1,185.11	
01 22 23 00-0343	MO	48" Compaction Wheel Attachment For Hydraulic Excavators	3,541.72	
		For >6 Months (>26 Weeks), Deduct	*-141.67*	

01 22 23 00-0344 Mini-Excavators *(01 22 23 00-0213)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0345	DAY	2,000 Lb. Capacity, Mini-Excavator With Full-Time Operator	1,382.23	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-637.48*	
01 22 23 00-0346	WK	2,000 Lb. Capacity, Mini-Excavator With Full-Time Operator	6,291.34	
		For Equipment Without Operator, Deduct	*-5,480.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0347	MO	2,000 Lb. Capacity, Capacity, Mini-Excavator With Full-Time Operator	25,534.74	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-71.38*	
01 22 23 00-0348	DAY	3,500 Lb. Capacity, Mini-Excavator With Full-Time Operator	1,389.04	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-639.61*	
01 22 23 00-0349	WK	3,500 Lb. Capacity, Mini-Excavator With Full-Time Operator	6,311.77	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0350	MO	3,500 Lb. Capacity, Mini-Excavator With Full-Time Operator	25,963.84	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-88.54*	
01 22 23 00-0351	DAY	6,000 Lb. Capacity, Mini-Excavator With Full-Time Operator	1,423.10	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-650.25*	
01 22 23 00-0352	WK	6,000 Lb. Capacity, Mini-Excavator With Full-Time Operator	6,407.13	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0353	MO	6,000 Lb. Capacity, Mini-Excavator With Full-Time Operator	26,025.13	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-90.99*	
01 22 23 00-0354	DAY	7,500 Lb. Capacity, Mini-Excavator With Full-Time Operator	1,436.72	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-654.51*	
01 22 23 00-0355	WK	7,500 Lb. Capacity, Mini-Excavator With Full-Time Operator	6,454.80	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0356	MO	7,500 Lb. Capacity, Mini-Excavator With Full-Time Operator	26,052.38	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-92.08*	
01 22 23 00-0357	DAY	9,500 Lb. Capacity, Mini-Excavator With Full-Time Operator	1,518.45	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-680.05*	
01 22 23 00-0358	WK	9,500 Lb. Capacity, Mini-Excavator With Full-Time Operator	6,522.91	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0359	MO	9,500 Lb. Capacity, Mini-Excavator With Full-Time Operator	26,842.45	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-123.69*	
01 22 23 00-0360	DAY	11,000 Lb. Capacity, Mini-Excavator With Full-Time Operator	1,525.26	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-682.18*	
01 22 23 00-0361	WK	11,000 Lb. Capacity, Mini-Excavator With Full-Time Operator	6,863.46	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0362	MO	11,000 Lb. Capacity, Mini-Excavator With Full-Time Operator	26,876.51	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-125.05*	

01 22 23 00-0363 Road Graders *(01 22 23 00-0213)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0364	DAY	50 To 60 HP Road Grader With Full-Time Operator	2,475.42	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-979.10*	
01 22 23 00-0365	WK	50 To 60 HP Road Grader With Full-Time Operator	9,066.88	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0366	MO	50 To 60 HP Road Grader With Full-Time Operator	33,405.01	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-386.19*	
01 22 23 00-0367	DAY	80 To 100 HP Road Grader With Full-Time Operator	3,155.85	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-1,191.74*	
01 22 23 00-0368	WK	80 To 100 HP Road Grader With Full-Time Operator	10,574.86	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0369	MO	80 To 100 HP Road Grader With Full-Time Operator	38,002.51	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-570.09*	
01 22 23 00-0370	DAY	130 To 140 HP Road Grader With Full-Time Operator	3,663.10	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-1,350.25*	
01 22 23 00-0371	WK	130 To 140 HP Road Grader With Full-Time Operator	12,077.32	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0372	MO	130 To 140 HP Road Grader With Full-Time Operator	43,542.50	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-791.69*	
01 22 23 00-0373	DAY	170 To 185 HP Road Grader With Full-Time Operator	4,433.95	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-1,591.14*	
01 22 23 00-0374	WK	170 To 185 HP Road Grader With Full-Time Operator	18,831.97	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0375	MO	170 To 185 HP Road Grader With Full-Time Operator	70,479.21	
		For Equipment Without Operator, Deduct	*-23,750.22*	
		For >6 Months (>26 Weeks), Deduct	*-1,869.16*	

01 22 23 00-0376 Loader-Backhoes With Standard Bucket *(01 22 23 00-0213)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0377	DAY	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator	1,496.99	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-673.34*	
01 22 23 00-0378	WK	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator	6,432.78	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0379	MO	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator	25,990.56	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-89.61*	
01 22 23 00-0380	DAY	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator	1,539.93	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-686.76*	
01 22 23 00-0381	WK	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator	6,583.09	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0382	MO	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator	26,906.72	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-126.26*	
01 22 23 00-0383	DAY	1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator	1,606.14	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-707.45*	
01 22 23 00-0384	WK	1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator	6,747.71	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0385	MO	1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator	27,379.11	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-145.15*	
01 22 23 00-0386	DAY	1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator	1,901.39	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-799.72*	
01 22 23 00-0387	WK	1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator	7,628.08	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0388	MO	1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator	29,898.55	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-245.93*	

01 22 23 00-0389 Heavy-Duty Construction Loaders *(01 22 23 00-0213)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0390	DAY	2-1/2 CY, 119 HP, Heavy-Duty Construction Loader With Full-Time Operator	1,600.83	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-705.79*	
01 22 23 00-0391	WK	2-1/2 CY, 119 HP, Heavy-Duty Construction Loader With Full-Time Operator	7,476.18	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0392	MO	2-1/2 CY, 119 HP, Heavy-Duty Construction Loader With Full-Time Operator	29,728.54	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-239.13*	
01 22 23 00-0393	DAY	3 CY, 135 HP, Heavy-Duty Construction Loader With Full-Time Operator	2,020.09	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-836.81*	
01 22 23 00-0394	WK	3 CY, 135 HP, Heavy-Duty Construction Loader With Full-Time Operator	7,934.25	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0395	MO	3 CY, 135 HP, Heavy-Duty Construction Loader With Full-Time Operator	29,961.46	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-248.45*	
01 22 23 00-0396	DAY	3-1/2 CY, 198 HP, Heavy-Duty Construction Loader With Full-Time Operator	2,113.25	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-865.92*	
01 22 23 00-0397	WK	3-1/2 CY, 198 HP, Heavy-Duty Construction Loader With Full-Time Operator	8,182.70	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0398	MO	3-1/2 CY, 198 HP, Heavy-Duty Construction Loader With Full-Time Operator	30,582.58	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-273.29*	
01 22 23 00-0399	DAY	4-1/2 CY, 215 HP, Heavy-Duty Construction Loader With Full-Time Operator	2,369.47	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-945.99*	
01 22 23 00-0400	WK	4-1/2 CY, 215 HP, Heavy-Duty Construction Loader With Full-Time Operator	8,858.17	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0401	MO	4-1/2 CY, 215 HP, Heavy-Duty Construction Loader With Full-Time Operator	32,290.66	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-341.62*	
01 22 23 00-0402	DAY	7-1/3 CY, 330 HP, Heavy-Duty Construction Loader With Full-Time Operator	3,029.41	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-1,152.22*	
01 22 23 00-0403	WK	7-1/3 CY, 330 HP, Heavy-Duty Construction Loader With Full-Time Operator	13,198.25	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0404	MO	7-1/3 CY, 330 HP, Heavy-Duty Construction Loader With Full-Time Operator	46,886.98	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-925.47*	
01 22 23 00-0405	DAY	13-1/2 CY, 690 HP, Heavy-Duty Construction Loader With Full-Time Operator	7,377.17	
		For Equipment Without Operator, Deduct	*-1,096.17*	
		For Half Day Usage, Deduct	*-2,510.90*	
01 22 23 00-0406	WK	13-1/2 CY, 690 HP, Heavy-Duty Construction Loader With Full-Time Operator	25,876.64	
		For Equipment Without Operator, Deduct	*-5,480.83*	
01 22 23 00-0407	MO	13-1/2 CY, 690 HP, Heavy-Duty Construction Loader With Full-Time Operator	79,334.37	
		For Equipment Without Operator, Deduct	*-23,750.26*	
		For >6 Months (>26 Weeks), Deduct	*-2,223.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0408		**Tractors** *(01 22 23 00-0213)*		
		Note: Excludes operator, delivery, set-up, and removal.		
01 22 23 00-0409	DAY	20 To 29 HP Tractor	556.36	
		For Half Day Usage, Deduct	*-173.86*	
01 22 23 00-0410	WK	20 To 29 HP Tractor	1,339.39	
01 22 23 00-0411	MO	20 To 29 HP Tractor	3,616.36	
		For >6 Months (>26 Weeks), Deduct	*-144.65*	
01 22 23 00-0412	DAY	30 To 35 HP Tractor	576.48	
		For Half Day Usage, Deduct	*-180.15*	
01 22 23 00-0413	WK	30 To 35 HP Tractor	1,484.13	
01 22 23 00-0414	MO	30 To 35 HP Tractor	4,108.94	
		For >6 Months (>26 Weeks), Deduct	*-164.36*	
01 22 23 00-0415	DAY	40 To 45 HP Tractor	588.74	
		For Half Day Usage, Deduct	*-183.98*	
01 22 23 00-0416	WK	40 To 45 HP Tractor	1,582.25	
01 22 23 00-0417	MO	40 To 45 HP Tractor	4,341.99	
		For >6 Months (>26 Weeks), Deduct	*-173.68*	
01 22 23 00-0418	DAY	80 To 89 HP Tractor	758.01	
		For Half Day Usage, Deduct	*-236.88*	
01 22 23 00-0419	WK	80 To 89 HP Tractor	2,149.65	
01 22 23 00-0420	MO	80 To 89 HP Tractor	6,155.07	
		For >6 Months (>26 Weeks), Deduct	*-246.20*	
01 22 23 00-0421	DAY	60" Rotary Mower Attachment For Tractors	237.95	
		For Half Day Usage, Deduct	*-74.36*	
01 22 23 00-0422	WK	60" Rotary Mower Attachment For Tractors	735.93	
01 22 23 00-0423	DAY	84" Rotary Mower Attachment For Tractors	260.03	
		For Half Day Usage, Deduct	*-81.26*	
01 22 23 00-0424	WK	84" Rotary Mower Attachment For Tractors	797.26	
01 22 23 00-0425	DAY	Under Deck Rotary Mower Attachment For Tractors	42.44	
		For Half Day Usage, Deduct	*-13.26*	
01 22 23 00-0426	WK	Under Deck Rotary Mower Attachment For Tractors	169.77	
01 22 23 00-0427		**Shoring** *(01 22 23 00-0213)*		
		Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0428		**Aluminum Hydraulic Shoring** *(01 22 23 00-0427)*		
		Note: Includes delivery to job site and pick-up when complete. Excludes sheeting.		
01 22 23 00-0429	WK	2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	130.52	
01 22 23 00-0430	MO	2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	384.97	
		For >6 Months (>26 Weeks), Deduct	*-15.40*	
01 22 23 00-0431	WK	Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	175.09	
01 22 23 00-0432	MO	Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	516.43	
		For >6 Months (>26 Weeks), Deduct	*-20.66*	
01 22 23 00-0433	WK	Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	324.66	
01 22 23 00-0434	MO	Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	957.74	
		For >6 Months (>26 Weeks), Deduct	*-38.31*	
01 22 23 00-0435	EA	Set-up And Removal Of 1 Cylinder Aluminum Hydraulic Shores	32.70	
01 22 23 00-0436	EA	Set-up And Removal Of 2 Cylinders Aluminum Hydraulic Shores	52.32	
01 22 23 00-0437	EA	Set-up And Removal Of 3 Cylinders Aluminum Hydraulic Shores	87.18	
01 22 23 00-0438		**Slide Rail Shoring** *(01 22 23 00-0427)*		
		Note: Excludes delivery to job site and pick-up when complete.		
01 22 23 00-0439	WK	4' x 12' Slide Rail Panel	235.83	
01 22 23 00-0440	MO	4' x 12' Slide Rail Panel	707.49	
01 22 23 00-0441	WK	8' x 12' Slide Rail Panel	385.34	
01 22 23 00-0442	MO	8' x 12' Slide Rail Panel	1,156.02	
01 22 23 00-0443	WK	4' x 16' Slide Rail Panel	307.53	
01 22 23 00-0444	MO	4' x 16' Slide Rail Panel	922.59	
01 22 23 00-0445	WK	8' x 16' Slide Rail Panel	503.20	
01 22 23 00-0446	MO	8' x 16' Slide Rail Panel	1,509.61	
01 22 23 00-0447	WK	4' x 20' Slide Rail Panel	394.55	
01 22 23 00-0448	MO	4' x 20' Slide Rail Panel	1,183.65	
01 22 23 00-0449	WK	8' x 20' Slide Rail Panel	694.97	
01 22 23 00-0450	MO	8' x 20' Slide Rail Panel	2,084.91	
01 22 23 00-0451	WK	14' Stacking Post	352.49	
01 22 23 00-0452	MO	14' Stacking Post	1,057.48	
01 22 23 00-0453	WK	Stacking Brackets	11.02	
01 22 23 00-0454	MO	Stacking Brackets	33.05	
01 22 23 00-0455	EA	Set Up And Remove 4' x 12' Slide Rail Panel	291.22	
01 22 23 00-0456	EA	Set Up And Remove 8' x 12' Slide Rail Panel	436.83	
01 22 23 00-0457	EA	Set Up And Remove 4' x 16' Slide Rail Panel	436.83	
01 22 23 00-0458	EA	Set Up And Remove 8' x 16' Slide Rail Panel	582.44	
01 22 23 00-0459	EA	Set Up And Remove 4' x 20' Slide Rail Panel	582.44	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0460	EA	Set Up And Remove 8' x 20' Slide Rail Panel	728.05	
01 22 23 00-0461	EA	Set Up And Remove 14' Stacking Post	436.83	
01 22 23 00-0462	EA	Set Up And Remove Stacking Brackets	145.61	
01 22 23 00-0463	EA	Stacking Brackets Rigging Tub	2,065.39	

01 22 23 00-0464 Trench Boxes/Trench Shields *(01 22 23 00-0213)*

Note: Trenching tasks include moving the trench box in excavation as trenching proceeds. Includes delivery to job site and pick-up when complete. For stackable units, combine multiple units for depth required.

01 22 23 00-0465	WK	4' x 6' Trench Box With Up To 48" Spreaders	260.32	
01 22 23 00-0466	MO	4' x 6' Trench Box With Up To 48" Spreaders	780.97	
		For >6 Months (>26 Weeks), Deduct	*-31.24*	
01 22 23 00-0467	WK	6' x 6' Trench Box With Up To 48" Spreaders	293.91	
01 22 23 00-0468	MO	6' x 6' Trench Box With Up To 48" Spreaders	881.74	
		For >6 Months (>26 Weeks), Deduct	*-35.27*	
01 22 23 00-0469	WK	8' x 6' Trench Box With Up To 48" Spreaders	310.71	
01 22 23 00-0470	MO	8' x 6' Trench Box With Up To 48" Spreaders	932.12	
		For >6 Months (>26 Weeks), Deduct	*-37.28*	
01 22 23 00-0471	WK	4' x 8' Trench Box With Up To 48" Spreaders	285.52	
01 22 23 00-0472	MO	4' x 8' Trench Box With Up To 48" Spreaders	856.54	
		For >6 Months (>26 Weeks), Deduct	*-34.26*	
01 22 23 00-0473	WK	6' x 8' Trench Box With Up To 48" Spreaders	335.90	
01 22 23 00-0474	MO	6' x 8' Trench Box With Up To 48" Spreaders	1,007.70	
		For >6 Months (>26 Weeks), Deduct	*-40.31*	
01 22 23 00-0475	WK	8' x 8' Trench Box With Up To 48" Spreaders	377.89	
01 22 23 00-0476	MO	8' x 8' Trench Box With Up To 48" Spreaders	1,133.66	
		For >6 Months (>26 Weeks), Deduct	*-45.35*	
01 22 23 00-0477	WK	4' x 10' Trench Box With Up To 48" Spreaders	319.10	
01 22 23 00-0478	MO	4' x 10' Trench Box With Up To 48" Spreaders	957.32	
		For >6 Months (>26 Weeks), Deduct	*-38.29*	
01 22 23 00-0479	WK	6' x 10' Trench Box With Up To 48" Spreaders	377.89	
01 22 23 00-0480	MO	6' x 10' Trench Box With Up To 48" Spreaders	1,133.66	
		For >6 Months (>26 Weeks), Deduct	*-45.35*	
01 22 23 00-0481	WK	8' x 10' Trench Box With Up To 48" Spreaders	461.86	
01 22 23 00-0482	MO	8' x 10' Trench Box With Up To 48" Spreaders	1,377.19	
		For >6 Months (>26 Weeks), Deduct	*-55.09*	
01 22 23 00-0483	WK	4' x 12' Trench Box With Up To 48" Spreaders	377.89	
01 22 23 00-0484	MO	4' x 12' Trench Box With Up To 48" Spreaders	1,133.66	
		For >6 Months (>26 Weeks), Deduct	*-45.35*	
01 22 23 00-0485	WK	6' x 12' Trench Box With Up To 48" Spreaders	461.86	
01 22 23 00-0486	MO	6' x 12' Trench Box With Up To 48" Spreaders	1,385.59	
		For >6 Months (>26 Weeks), Deduct	*-55.42*	
01 22 23 00-0487	WK	8' x 12' Trench Box With Up To 48" Spreaders	587.82	
01 22 23 00-0488	MO	8' x 12' Trench Box With Up To 48" Spreaders	1,763.48	
		For >6 Months (>26 Weeks), Deduct	*-70.54*	
01 22 23 00-0489	WK	4' x 14' Trench Box With Up To 48" Spreaders	419.88	
01 22 23 00-0490	MO	4' x 14' Trench Box With Up To 48" Spreaders	1,259.62	
		For >6 Months (>26 Weeks), Deduct	*-50.38*	
01 22 23 00-0491	WK	6' x 14' Trench Box With Up To 48" Spreaders	545.84	
01 22 23 00-0492	MO	6' x 14' Trench Box With Up To 48" Spreaders	1,637.51	
		For >6 Months (>26 Weeks), Deduct	*-65.50*	
01 22 23 00-0493	WK	8' x 14' Trench Box With Up To 48" Spreaders	671.80	
01 22 23 00-0494	MO	8' x 14' Trench Box With Up To 48" Spreaders	2,015.40	
		For >6 Months (>26 Weeks), Deduct	*-80.62*	
01 22 23 00-0495	WK	4' x 16' Trench Box With Up To 48" Spreaders	461.86	
01 22 23 00-0496	MO	4' x 16' Trench Box With Up To 48" Spreaders	1,385.59	
		For >6 Months (>26 Weeks), Deduct	*-55.42*	
01 22 23 00-0497	WK	6' x 16' Trench Box With Up To 48" Spreaders	629.81	
01 22 23 00-0498	MO	6' x 16' Trench Box With Up To 48" Spreaders	1,889.44	
		For >6 Months (>26 Weeks), Deduct	*-75.58*	
01 22 23 00-0499	WK	8' x 16' Trench Box With Up To 48" Spreaders	755.78	
01 22 23 00-0500	MO	8' x 16' Trench Box With Up To 48" Spreaders	2,267.32	
		For >6 Months (>26 Weeks), Deduct	*-90.69*	
01 22 23 00-0501	WK	4' x 20' Trench Box With Up To 48" Spreaders	545.84	
01 22 23 00-0502	MO	4' x 20' Trench Box With Up To 48" Spreaders	1,637.51	
		For >6 Months (>26 Weeks), Deduct	*-65.50*	
01 22 23 00-0503	WK	6' x 20' Trench Box With Up To 48" Spreaders	755.78	
01 22 23 00-0504	MO	6' x 20' Trench Box With Up To 48" Spreaders	2,267.32	
		For >6 Months (>26 Weeks), Deduct	*-90.69*	
01 22 23 00-0505	WK	8' x 20' Trench Box With Up To 48" Spreaders	881.74	
01 22 23 00-0506	MO	8' x 20' Trench Box With Up To 48" Spreaders	2,645.21	
		For >6 Months (>26 Weeks), Deduct	*-105.81*	
01 22 23 00-0507	WK	4' x 24' Trench Box With Up To 48" Spreaders	755.78	
01 22 23 00-0508	MO	4' x 24' Trench Box With Up To 48" Spreaders	2,267.32	
		For >6 Months (>26 Weeks), Deduct	*-90.69*	
01 22 23 00-0509	WK	6' x 24' Trench Box With Up To 48" Spreaders	923.72	
01 22 23 00-0510	MO	6' x 24' Trench Box With Up To 48" Spreaders	2,771.18	
		For >6 Months (>26 Weeks), Deduct	*-110.85*	
01 22 23 00-0511	WK	8' x 24' Trench Box With Up To 48" Spreaders	1,007.70	
01 22 23 00-0512	MO	8' x 24' Trench Box With Up To 48" Spreaders	3,023.10	
		For >6 Months (>26 Weeks), Deduct	*-120.92*	
01 22 23 00-0513	WK	For Spreaders >48" To 84", Add	25.19	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0514	MO	For Spreaders >48" To 84", Add	75.58	
		For >6 Months (>26 Weeks), Deduct	*-3.02*	
01 22 23 00-0515	WK	For Spreaders >84" To 120", Add	151.16	
01 22 23 00-0516	MO	For Spreaders >84" To 120", Add	453.46	
		For >6 Months (>26 Weeks), Deduct	*-18.14*	
01 22 23 00-0517	WK	For Spreaders >120", Add	319.10	
01 22 23 00-0518	MO	For Spreaders >120", Add	957.32	
		For >6 Months (>26 Weeks), Deduct	*-38.29*	
01 22 23 00-0519	WK	8' x 4' Manhole Box	396.78	
01 22 23 00-0520	MO	8' x 4' Manhole Box	1,190.35	
		For >6 Months (>26 Weeks), Deduct	*-47.61*	
01 22 23 00-0521	WK	8' x 8' Manhole Box	566.83	
01 22 23 00-0522	MO	8' x 8' Manhole Box	1,700.49	
		For >6 Months (>26 Weeks), Deduct	*-68.02*	

01 22 23 00-0523 Trenchers *(01 22 23 00-0213)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0524	DAY	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	1,484.82	
		For Equipment Without Operator, Deduct	*-1,092.32*	
		For Half Day Usage, Deduct	*-668.82*	
01 22 23 00-0525	WK	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	6,798.52	
		For Equipment Without Operator, Deduct	*-5,461.58*	
01 22 23 00-0526	MO	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	27,346.50	
		For Equipment Without Operator, Deduct	*-23,666.85*	
		For >6 Months (>26 Weeks), Deduct	*-147.19*	
01 22 23 00-0527	DAY	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	2,147.15	
		For Equipment Without Operator, Deduct	*-1,092.32*	
		For Half Day Usage, Deduct	*-875.79*	
01 22 23 00-0528	WK	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	9,030.84	
		For Equipment Without Operator, Deduct	*-5,461.58*	
01 22 23 00-0529	MO	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	33,479.25	
		For Equipment Without Operator, Deduct	*-23,666.85*	
		For >6 Months (>26 Weeks), Deduct	*-392.50*	

01 22 23 00-0530 Heavy Equipment (Ground Protection) Mats *(01 22 23 00-0213)*

Note: Rental price per mat. Excludes placement, moving, mobilization and demobilization. See CSI section 01 22 23 00-0213 for equipment for offloading/reloading from delivery vehicle, placing, and moving mats, 01 71 13 00-0001 for equipment delivery, pickup, mobilization and demobilization.

01 22 23 00-0531	DAY	14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	32.45	
		For Half Day Usage, Deduct	*-10.14*	
01 22 23 00-0532	WK	14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	77.25	
01 22 23 00-0533	MO	14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	162.23	
		For >6 Months (>26 Weeks), Deduct	*-6.49*	
01 22 23 00-0534	DAY	16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	34.07	
		For Half Day Usage, Deduct	*-10.65*	
01 22 23 00-0535	WK	16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	81.12	
01 22 23 00-0536	MO	16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	170.34	
		For >6 Months (>26 Weeks), Deduct	*-6.81*	
01 22 23 00-0537	Day	16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	27.58	
		For Half Day Usage, Deduct	*-8.62*	
01 22 23 00-0538	WK	16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	64.89	
01 22 23 00-0539	MO	16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	137.90	
		For >6 Months (>26 Weeks), Deduct	*-5.52*	
01 22 23 00-0540	Day	18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	30.82	
		For Half Day Usage, Deduct	*-9.63*	
01 22 23 00-0541	WK	18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	73.00	
01 22 23 00-0542	MO	18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	154.12	
		For >6 Months (>26 Weeks), Deduct	*-6.16*	
01 22 23 00-0543	Day	20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	34.07	
		For Half Day Usage, Deduct	*-10.65*	
01 22 23 00-0544	WK	20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	81.12	
01 22 23 00-0545	MO	20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	170.34	
		For >6 Months (>26 Weeks), Deduct	*-6.81*	
01 22 23 00-0546	Day	24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	37.31	
		For Half Day Usage, Deduct	*-11.66*	
01 22 23 00-0547	WK	24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	88.84	
01 22 23 00-0548	MO	24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	186.56	
		For >6 Months (>26 Weeks), Deduct	*-7.46*	
01 22 23 00-0549	Day	12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	29.20	
		For Half Day Usage, Deduct	*-9.13*	
01 22 23 00-0550	WK	12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	81.12	
01 22 23 00-0551	MO	12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	146.01	
		For >6 Months (>26 Weeks), Deduct	*-5.84*	
01 22 23 00-0552	Day	16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	34.07	
		For Half Day Usage, Deduct	*-10.65*	
01 22 23 00-0553	WK	16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	81.12	
01 22 23 00-0554	MO	16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	170.34	
		For >6 Months (>26 Weeks), Deduct	*-6.81*	
01 22 23 00-0555	Day	20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	40.56	
		For Half Day Usage, Deduct	*-12.68*	
01 22 23 00-0556	WK	20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	89.23	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0557	MO	20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	202.79	
		For >6 Months (>26 Weeks), Deduct	*-8.11*	
01 22 23 00-0558	Day	24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	43.80	
		For Half Day Usage, Deduct	*-13.69*	
01 22 23 00-0559	WK	24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	104.29	
01 22 23 00-0560	MO	24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	219.01	
		For >6 Months (>26 Weeks), Deduct	*-8.76*	
01 22 23 00-0561	Day	28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	47.05	
		For Half Day Usage, Deduct	*-14.70*	
01 22 23 00-0562	WK	28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	112.02	
01 22 23 00-0563	MO	28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	235.23	
		For >6 Months (>26 Weeks), Deduct	*-9.41*	
01 22 23 00-0564	Day	30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	48.67	
		For Half Day Usage, Deduct	*-15.21*	
01 22 23 00-0565	WK	30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	115.88	
01 22 23 00-0566	MO	30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	243.34	
		For >6 Months (>26 Weeks), Deduct	*-9.73*	
01 22 23 00-0567	Day	14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	15.61	
		For Half Day Usage, Deduct	*-4.88*	
01 22 23 00-0568	WK	14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	39.02	
01 22 23 00-0569	MO	14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	117.05	
		For >6 Months (>26 Weeks), Deduct	*-4.68*	
01 22 23 00-0570	Day	14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	18.66	
		For Half Day Usage, Deduct	*-5.83*	
01 22 23 00-0571	WK	14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	46.64	
01 22 23 00-0572	MO	14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	139.92	
		For >6 Months (>26 Weeks), Deduct	*-5.60*	
01 22 23 00-0573	Day	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	21.31	
		For Half Day Usage, Deduct	*-6.66*	
01 22 23 00-0574	WK	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	53.27	
01 22 23 00-0575	MO	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	159.80	
		For >6 Months (>26 Weeks), Deduct	*-6.39*	
01 22 23 00-0576	Day	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	22.71	
		For Half Day Usage, Deduct	*-7.10*	
01 22 23 00-0577	WK	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	56.78	
01 22 23 00-0578	MO	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	170.34	
		For >6 Months (>26 Weeks), Deduct	*-6.81*	
01 22 23 00-0579	Day	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	25.96	
		For Half Day Usage, Deduct	*-8.11*	
01 22 23 00-0580	WK	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	64.89	
01 22 23 00-0581	MO	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	194.68	
		For >6 Months (>26 Weeks), Deduct	*-7.79*	
01 22 23 00-0582	Day	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	29.83	
		For Half Day Usage, Deduct	*-9.32*	
01 22 23 00-0583	WK	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	74.57	
01 22 23 00-0584	MO	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	223.72	
		For >6 Months (>26 Weeks), Deduct	*-8.95*	
01 22 23 00-0585	Day	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	22.95	
		For Half Day Usage, Deduct	*-7.17*	
01 22 23 00-0586	WK	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	57.38	
01 22 23 00-0587	MO	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	172.13	
		For >6 Months (>26 Weeks), Deduct	*-6.89*	
01 22 23 00-0588	Day	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	31.07	
		For Half Day Usage, Deduct	*-9.71*	
01 22 23 00-0589	WK	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	77.68	
01 22 23 00-0590	MO	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	233.04	
		For >6 Months (>26 Weeks), Deduct	*-9.32*	
01 22 23 00-0591	Day	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	26.87	
		For Half Day Usage, Deduct	*-8.40*	
01 22 23 00-0592	WK	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	67.16	
01 22 23 00-0593	MO	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	201.49	
		For >6 Months (>26 Weeks), Deduct	*-8.06*	
01 22 23 00-0594	Day	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	44.81	
		For Half Day Usage, Deduct	*-14.00*	
01 22 23 00-0595	WK	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	112.01	
01 22 23 00-0596	MO	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	336.04	
		For >6 Months (>26 Weeks), Deduct	*-13.44*	
01 22 23 00-0597	Day	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	47.76	
		For Half Day Usage, Deduct	*-14.93*	
01 22 23 00-0598	WK	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	119.40	
01 22 23 00-0599	MO	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	358.20	
		For >6 Months (>26 Weeks), Deduct	*-14.33*	

01 22 23 00-0600 Electrical Equipment *(01 22 23)*

01 22 23 00-0601 Tripod Mounted Floodlights *(01 22 23 00-0600)*

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0602	DAY	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	82.02	
		For Half Day Usage, Deduct	*-25.63*	
01 22 23 00-0603	WK	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	194.06	
01 22 23 00-0604	MO	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	410.12	
		For >6 Months (>26 Weeks), Deduct	*-16.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0605	DAY	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	82.02	
		For Half Day Usage, Deduct	*-25.63*	
01 22 23 00-0606	WK	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	240.07	
01 22 23 00-0607	MO	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	710.21	
		For >6 Months (>26 Weeks), Deduct	*-28.41*	
01 22 23 00-0608	DAY	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	92.03	
		For Half Day Usage, Deduct	*-28.76*	
01 22 23 00-0609	WK	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	250.08	
01 22 23 00-0610	MO	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	610.18	
		For >6 Months (>26 Weeks), Deduct	*-24.41*	

01 22 23 00-0611 Trailer Mounted Floodlights *(01 22 23 00-0600)*

Note: Includes delivery to job site and pick-up when complete. Excludes operator.

01 22 23 00-0612	DAY	4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower	230.07	
		For Half Day Usage, Deduct	*-71.90*	
01 22 23 00-0613	WK	4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower	510.15	
01 22 23 00-0614	MO	4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower	1,100.33	
		For >6 Months (>26 Weeks), Deduct	*-44.01*	

01 22 23 00-0615 Generator Sets *(01 22 23 00-0600)*

01 22 23 00-0616 Portable, Gas Powered Generator Sets *(01 22 23 00-0615)*

Note: With 24 hour day-tank. Includes delivery to job site and pick-up when complete. Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0768 for reimbursable fuel fees.

01 22 23 00-0617	DAY	3.6 KW Gas Powered Generator Set Note: Fuel consumption: 100% load – 0.54 gallons per hour	57.85	
		For LP Or NG Gas, Add	*7.23*	
		For Half Day Usage, Deduct	*-18.08*	
01 22 23 00-0618	WK	3.6 KW Gas Powered Generator Set Note: Fuel consumption: 100% load – 0.54 gallons per hour	208.52	
		For LP Or NG Gas, Add	*26.07*	
01 22 23 00-0619	MO	3.6 KW Gas Powered Generator Set Note: Fuel consumption: 100% load – 0.54 gallons per hour	578.48	
		For LP Or NG Gas, Add	*72.31*	
		For >6 Months (>26 Weeks), Deduct	*-23.14*	
01 22 23 00-0620	DAY	5 KW Gas Powered Generator Set Note: Fuel consumption: 100% load – 0.75 gallons per hour	82.06	
		For LP Or NG Gas, Add	*10.26*	
		For Half Day Usage, Deduct	*-25.64*	
01 22 23 00-0621	WK	5 KW Gas Powered Generator Set Note: Fuel consumption: 100% load – 0.75 gallons per hour	262.33	
		For LP Or NG Gas, Add	*32.79*	
01 22 23 00-0622	MO	5 KW Gas Powered Generator Set Note: Fuel consumption: 100% load – 0.75 gallons per hour	598.66	
		For LP Or NG Gas, Add	*74.83*	
		For >6 Months (>26 Weeks), Deduct	*-23.95*	
01 22 23 00-0623	DAY	6.5 KW Gas Powered Generator Set Note: Fuel consumption: 100% load – 0.975 gallons per hour	104.93	
		For LP Or NG Gas, Add	*13.12*	
		For Half Day Usage, Deduct	*-32.79*	
01 22 23 00-0624	WK	6.5 KW Gas Powered Generator Set Note: Fuel consumption: 100% load – 0.975 gallons per hour	282.51	
		For LP Or NG Gas, Add	*35.31*	
01 22 23 00-0625	MO	6.5 KW Gas Powered Generator Set Note: Fuel consumption: 100% load – 0.975 gallons per hour	780.27	
		For LP Or NG Gas, Add	*97.53*	
		For >6 Months (>26 Weeks), Deduct	*-31.21*	
01 22 23 00-0626	DAY	10 KW Gas Powered Generator Set Note: Fuel consumption: 100% load – 1.35 gallons per hour	117.04	
		For LP Or NG Gas, Add	*14.63*	
		For Half Day Usage, Deduct	*-36.58*	
01 22 23 00-0627	WK	10 KW Gas Powered Generator Set Note: Fuel consumption: 100% load – 1.35 gallons per hour	316.15	
		For LP Or NG Gas, Add	*39.52*	
01 22 23 00-0628	MO	10 KW Gas Powered Generator Set Note: Fuel consumption: 100% load – 1.35 gallons per hour	908.08	
		For LP Or NG Gas, Add	*113.51*	
		For >6 Months (>26 Weeks), Deduct	*-36.32*	
01 22 23 00-0629	DAY	15 KW Gas Powered Generator Set Note: Fuel consumption: 100% load – 1.70 gallons per hour	214.31	
		For LP Or NG Gas, Add	*26.79*	
		For Half Day Usage, Deduct	*-66.97*	
01 22 23 00-0630	WK	15 KW Gas Powered Generator Set Note: Fuel consumption: 100% load – 1.6 gallons per hour	608.80	
		For LP Or NG Gas, Add	*76.10*	
01 22 23 00-0631	MO	15 KW Gas Powered Generator Set Note: Fuel consumption: 100% load – 1.6 gallons per hour	1,315.03	
		For LP Or NG Gas, Add	*164.38*	
		For >6 Months (>26 Weeks), Deduct	*-52.60*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0632		**Towable, Diesel Powered Generator Sets** *(01 22 23 00-0615)* Note: Includes 24 hour day-tank on sizes up to 180 KW, 40 hour day-tank for sizes greater than 180 KW To 300 KW and 1,000 gallon for sizes greater than 300 KW. Multi-voltage transformer unless stated otherwise, trailer mounted including sound attenuation and control panel. Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0768 for reimbursable fuel fees.		
01 22 23 00-0633	DAY	20 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour.	240.81	
		For >8 To 16 Hours Usage Per Day, Add	*96.32*	
		For >16 To 24 Hours Usage Per Day, Add	*192.65*	
		For Tier 4 Diesel Generator, Add	*87.90*	
01 22 23 00-0634	WK	20 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour.	629.60	
		For >40 To 80 Hours Usage Per Week, Add	*251.84*	
		For >80 Hours Usage Per Week, Add	*503.68*	
		For Tier 4 Diesel Generator, Add	*229.80*	
01 22 23 00-0635	MO	20 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour.	1,715.26	
		For >160 To 320 Hours Usage Per Month, Add	*686.10*	
		For >320 Hours Usage Per Month, Add	*1,372.21*	
		For >6 Months (>26 Weeks), Deduct	*-68.61*	
		For Tier 4 Diesel Generator, Add	*626.07*	
01 22 23 00-0636	DAY	30 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour.	373.36	
		For >8 To 16 Hours Usage Per Day, Add	*149.34*	
		For >16 To 24 Hours Usage Per Day, Add	*298.69*	
		For Tier 4 Diesel Generator, Add	*136.28*	
01 22 23 00-0637	WK	30 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour.	1,108.05	
		For >40 To 80 Hours Usage Per Week, Add	*443.22*	
		For >80 Hours Usage Per Week, Add	*886.44*	
		For Tier 4 Diesel Generator, Add	*404.44*	
01 22 23 00-0638	MO	30 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour.	2,288.36	
		For >160 To 320 Hours Usage Per Month, Add	*915.34*	
		For >320 Hours Usage Per Month, Add	*1,830.69*	
		For >6 Months (>26 Weeks), Deduct	*-91.53*	
		For Tier 4 Diesel Generator, Add	*835.25*	
01 22 23 00-0639	DAY	40.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour.	409.50	
		For >8 To 16 Hours Usage Per Day, Add	*163.80*	
		For >16 To 24 Hours Usage Per Day, Add	*327.60*	
		For Tier 4 Diesel Generator, Add	*149.47*	
01 22 23 00-0640	WK	40.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour.	1,144.18	
		For >40 To 80 Hours Usage Per Week, Add	*457.67*	
		For >80 Hours Usage Per Week, Add	*915.34*	
		For Tier 4 Diesel Generator, Add	*417.63*	
01 22 23 00-0641	MO	40.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour.	2,529.24	
		For >160 To 320 Hours Usage Per Month, Add	*1,011.70*	
		For >320 Hours Usage Per Month, Add	*2,023.39*	
		For >6 Months (>26 Weeks), Deduct	*-101.17*	
		For Tier 4 Diesel Generator, Add	*923.17*	
01 22 23 00-0642	DAY	55.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour.	439.61	
		For >8 To 16 Hours Usage Per Day, Add	*175.84*	
		For >16 To 24 Hours Usage Per Day, Add	*351.69*	
		For Tier 4 Diesel Generator, Add	*160.46*	
01 22 23 00-0643	WK	55.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour.	1,204.40	
		For >40 To 80 Hours Usage Per Week, Add	*481.76*	
		For >80 Hours Usage Per Week, Add	*963.52*	
		For Tier 4 Diesel Generator, Add	*439.61*	
01 22 23 00-0644	MO	55.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour.	2,890.56	
		For >160 To 320 Hours Usage Per Month, Add	*1,156.22*	
		For >320 Hours Usage Per Month, Add	*2,312.45*	
		For >6 Months (>26 Weeks), Deduct	*-115.62*	
		For Tier 4 Diesel Generator, Add	*1,055.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0645	DAY	70.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour.	481.76	
		For >8 To 16 Hours Usage Per Day, Add	*192.70*	
		For >16 To 24 Hours Usage Per Day, Add	*385.41*	
		For Tier 4 Diesel Generator, Add	*175.84*	
01 22 23 00-0646	WK	70.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour.	1,366.99	
		For >40 To 80 Hours Usage Per Week, Add	*546.80*	
		For >80 Hours Usage Per Week, Add	*1,093.59*	
		For Tier 4 Diesel Generator, Add	*498.95*	
01 22 23 00-0647	MO	70.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour.	3,251.88	
		For >160 To 320 Hours Usage Per Month, Add	*1,300.75*	
		For >320 Hours Usage Per Month, Add	*2,601.50*	
		For >6 Months (>26 Weeks), Deduct	*-130.08*	
		For Tier 4 Diesel Generator, Add	*1,186.94*	
01 22 23 00-0648	DAY	80.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour.	541.98	
		For >8 To 16 Hours Usage Per Day, Add	*216.79*	
		For >16 To 24 Hours Usage Per Day, Add	*433.58*	
		For Tier 4 Diesel Generator, Add	*197.82*	
01 22 23 00-0649	WK	80.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour.	1,445.28	
		For >40 To 80 Hours Usage Per Week, Add	*578.11*	
		For >80 Hours Usage Per Week, Add	*1,156.22*	
		For Tier 4 Diesel Generator, Add	*527.53*	
01 22 23 00-0650	MO	80.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour.	3,613.20	
		For >160 To 320 Hours Usage Per Month, Add	*1,445.28*	
		For >320 Hours Usage Per Month, Add	*2,890.56*	
		For >6 Months (>26 Weeks), Deduct	*-144.53*	
		For Tier 4 Diesel Generator, Add	*1,318.82*	
01 22 23 00-0651	DAY	100.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour.	560.05	
		For >8 To 16 Hours Usage Per Day, Add	*224.02*	
		For >16 To 24 Hours Usage Per Day, Add	*448.04*	
		For Tier 4 Diesel Generator, Add	*176.42*	
01 22 23 00-0652	WK	100.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour.	1,505.50	
		For >40 To 80 Hours Usage Per Week, Add	*602.20*	
		For >80 Hours Usage Per Week, Add	*1,204.40*	
		For Tier 4 Diesel Generator, Add	*474.23*	
01 22 23 00-0653	MO	100.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour.	4,094.96	
		For >160 To 320 Hours Usage Per Month, Add	*1,637.98*	
		For >320 Hours Usage Per Month, Add	*3,275.97*	
		For >6 Months (>26 Weeks), Deduct	*-163.80*	
		For Tier 4 Diesel Generator, Add	*1,289.91*	
01 22 23 00-0654	DAY	120.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour.	632.31	
		For >8 To 16 Hours Usage Per Day, Add	*252.92*	
		For >16 To 24 Hours Usage Per Day, Add	*505.85*	
		For Tier 4 Diesel Generator, Add	*199.18*	
01 22 23 00-0655	WK	120.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour.	1,746.38	
		For >40 To 80 Hours Usage Per Week, Add	*698.55*	
		For >80 Hours Usage Per Week, Add	*1,397.10*	
		For Tier 4 Diesel Generator, Add	*550.11*	
01 22 23 00-0656	MO	120.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour.	4,697.16	
		For >160 To 320 Hours Usage Per Month, Add	*1,878.86*	
		For >320 Hours Usage Per Month, Add	*3,757.73*	
		For >6 Months (>26 Weeks), Deduct	*-187.89*	
		For Tier 4 Diesel Generator, Add	*1,479.61*	
01 22 23 00-0657	DAY	140.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour.	662.42	
		For >8 To 16 Hours Usage Per Day, Add	*264.97*	
		For >16 To 24 Hours Usage Per Day, Add	*529.94*	
		For Tier 4 Diesel Generator, Add	*208.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0658	WK	140.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour.	1,836.71	
		For >40 To 80 Hours Usage Per Week, Add	*734.68*	
		For >80 Hours Usage Per Week, Add	*1,469.37*	
		For Tier 4 Diesel Generator, Add	*578.56*	
01 22 23 00-0659	MO	140.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour.	5,178.92	
		For >160 To 320 Hours Usage Per Month, Add	*2,071.57*	
		For >320 Hours Usage Per Month, Add	*4,143.14*	
		For >6 Months (>26 Weeks), Deduct	*-207.16*	
		For Tier 4 Diesel Generator, Add	*1,631.36*	
01 22 23 00-0660	DAY	150.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour.	692.53	
		For >8 To 16 Hours Usage Per Day, Add	*277.01*	
		For >16 To 24 Hours Usage Per Day, Add	*554.02*	
		For Tier 4 Diesel Generator, Add	*218.15*	
01 22 23 00-0661	WK	150.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour.	1,987.26	
		For >40 To 80 Hours Usage Per Week, Add	*794.90*	
		For >80 Hours Usage Per Week, Add	*1,589.81*	
		For Tier 4 Diesel Generator, Add	*625.99*	
01 22 23 00-0662	MO	150.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour.	5,419.80	
		For >160 To 320 Hours Usage Per Month, Add	*2,167.92*	
		For >320 Hours Usage Per Month, Add	*4,335.84*	
		For >6 Months (>26 Weeks), Deduct	*-216.79*	
		For Tier 4 Diesel Generator, Add	*1,707.24*	
01 22 23 00-0663	DAY	160.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour.	722.64	
		For >8 To 16 Hours Usage Per Day, Add	*289.06*	
		For >16 To 24 Hours Usage Per Day, Add	*578.11*	
		For Tier 4 Diesel Generator, Add	*227.63*	
01 22 23 00-0664	WK	160.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour.	2,107.70	
		For >40 To 80 Hours Usage Per Week, Add	*843.08*	
		For >80 Hours Usage Per Week, Add	*1,686.16*	
		For Tier 4 Diesel Generator, Add	*663.93*	
01 22 23 00-0665	MO	160.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour.	5,660.68	
		For >160 To 320 Hours Usage Per Month, Add	*2,264.27*	
		For >320 Hours Usage Per Month, Add	*4,528.54*	
		For >6 Months (>26 Weeks), Deduct	*-226.43*	
		For Tier 4 Diesel Generator, Add	*1,783.11*	
01 22 23 00-0666	DAY	175.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour.	722.64	
		For >8 To 16 Hours Usage Per Day, Add	*289.06*	
		For >16 To 24 Hours Usage Per Day, Add	*578.11*	
		For Tier 4 Diesel Generator, Add	*227.63*	
01 22 23 00-0667	WK	175.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour.	2,107.70	
		For >40 To 80 Hours Usage Per Week, Add	*843.08*	
		For >80 Hours Usage Per Week, Add	*1,686.16*	
		For Tier 4 Diesel Generator, Add	*663.93*	
01 22 23 00-0668	MO	175.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour.	5,660.68	
		For >160 To 320 Hours Usage Per Month, Add	*2,264.27*	
		For >320 Hours Usage Per Month, Add	*4,528.54*	
		For >6 Months (>26 Weeks), Deduct	*-226.43*	
		For Tier 4 Diesel Generator, Add	*1,783.11*	
01 22 23 00-0669	DAY	200.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour.	993.63	
		For >8 To 16 Hours Usage Per Day, Add	*397.45*	
		For >16 To 24 Hours Usage Per Day, Add	*794.90*	
		For Tier 4 Diesel Generator, Add	*312.99*	
01 22 23 00-0670	WK	200.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour.	2,469.02	
		For >40 To 80 Hours Usage Per Week, Add	*987.61*	
		For >80 Hours Usage Per Week, Add	*1,975.22*	
		For Tier 4 Diesel Generator, Add	*777.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0671	MO	200.0 KW, 60 Hertz Towable Diesel Powered Generator Set	7,226.40	
		Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour.		
		For >160 To 320 Hours Usage Per Month, Add	*2,890.56*	
		For >320 Hours Usage Per Month, Add	*5,781.12*	
		For >6 Months (>26 Weeks), Deduct	*-289.06*	
		For Tier 4 Diesel Generator, Add	*2,276.32*	
01 22 23 00-0672	DAY	250.0 KW, 60 Hertz Towable Diesel Powered Generator Set	1,053.85	
		Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour.		
		For >8 To 16 Hours Usage Per Day, Add	*421.54*	
		For >16 To 24 Hours Usage Per Day, Add	*843.08*	
		For Tier 4 Diesel Generator, Add	*284.54*	
01 22 23 00-0673	WK	250.0 KW, 60 Hertz Towable Diesel Powered Generator Set	2,529.24	
		Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour.		
		For >40 To 80 Hours Usage Per Week, Add	*1,011.70*	
		For >80 Hours Usage Per Week, Add	*2,023.39*	
		For Tier 4 Diesel Generator, Add	*682.89*	
01 22 23 00-0674	MO	250.0 KW, 60 Hertz Towable Diesel Powered Generator Set	7,467.28	
		Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour.		
		For >160 To 320 Hours Usage Per Month, Add	*2,986.91*	
		For >320 Hours Usage Per Month, Add	*5,973.82*	
		For >6 Months (>26 Weeks), Deduct	*-298.69*	
		For Tier 4 Diesel Generator, Add	*2,016.17*	
01 22 23 00-0675	DAY	275.0 KW, 60 Hertz Towable Diesel Powered Generator Set	1,114.07	
		Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour.		
		For >8 To 16 Hours Usage Per Day, Add	*445.63*	
		For >16 To 24 Hours Usage Per Day, Add	*891.26*	
		For Tier 4 Diesel Generator, Add	*300.80*	
01 22 23 00-0676	WK	275.0 KW, 60 Hertz Towable Diesel Powered Generator Set	2,589.46	
		Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour.		
		For >40 To 80 Hours Usage Per Week, Add	*1,035.78*	
		For >80 Hours Usage Per Week, Add	*2,071.57*	
		For Tier 4 Diesel Generator, Add	*699.15*	
01 22 23 00-0677	MO	275.0 KW, 60 Hertz Towable Diesel Powered Generator Set	7,708.16	
		Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour.		
		For >160 To 320 Hours Usage Per Month, Add	*3,083.26*	
		For >320 Hours Usage Per Month, Add	*6,166.53*	
		For >6 Months (>26 Weeks), Deduct	*-308.33*	
		For Tier 4 Diesel Generator, Add	*2,081.20*	
01 22 23 00-0678	DAY	300.0 KW, 60 Hertz Towable Diesel Powered Generator Set	1,150.20	
		Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour.		
		For >8 To 16 Hours Usage Per Day, Add	*460.08*	
		For >16 To 24 Hours Usage Per Day, Add	*920.16*	
		For Tier 4 Diesel Generator, Add	*310.55*	
01 22 23 00-0679	WK	300.0 KW, 60 Hertz Towable Diesel Powered Generator Set	2,770.12	
		Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour.		
		For >40 To 80 Hours Usage Per Week, Add	*1,108.05*	
		For >80 Hours Usage Per Week, Add	*2,216.10*	
		For Tier 4 Diesel Generator, Add	*747.93*	
01 22 23 00-0680	MO	300.0 KW, 60 Hertz Towable Diesel Powered Generator Set	8,189.92	
		Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour.		
		For >160 To 320 Hours Usage Per Month, Add	*3,275.97*	
		For >320 Hours Usage Per Month, Add	*6,551.94*	
		For >6 Months (>26 Weeks), Deduct	*-327.60*	
		For Tier 4 Diesel Generator, Add	*2,211.28*	
01 22 23 00-0681	DAY	350.0 KW, 60 Hertz Towable Diesel Powered Generator Set	1,204.40	
		Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour.		
		For >8 To 16 Hours Usage Per Day, Add	*481.76*	
		For >16 To 24 Hours Usage Per Day, Add	*963.52*	
		For Tier 4 Diesel Generator, Add	*325.19*	
01 22 23 00-0682	WK	350.0 KW, 60 Hertz Towable Diesel Powered Generator Set	3,131.44	
		Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour.		
		For >40 To 80 Hours Usage Per Week, Add	*1,252.58*	
		For >80 Hours Usage Per Week, Add	*2,505.15*	
		For Tier 4 Diesel Generator, Add	*845.49*	
01 22 23 00-0683	MO	350.0 KW, 60 Hertz Towable Diesel Powered Generator Set	9,033.00	
		Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour.		
		For >160 To 320 Hours Usage Per Month, Add	*3,613.20*	
		For >320 Hours Usage Per Month, Add	*7,226.40*	
		For >6 Months (>26 Weeks), Deduct	*-361.32*	
		For Tier 4 Diesel Generator, Add	*2,438.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0684	DAY	400.0 KW, 60 Hertz Towable Diesel Powered Generator Set	2,108.92	
		Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour.		
		For >8 To 16 Hours Usage Per Day, Add	*843.57*	
		For >16 To 24 Hours Usage Per Day, Add	*1,687.14*	
		For Tier 4 Diesel Generator, Add	*569.41*	
01 22 23 00-0685	WK	400.0 KW, 60 Hertz Towable Diesel Powered Generator Set	5,452.56	
		Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour.		
		For >40 To 80 Hours Usage Per Week, Add	*2,181.02*	
		For >80 Hours Usage Per Week, Add	*4,362.05*	
		For Tier 4 Diesel Generator, Add	*1,472.19*	
01 22 23 00-0686	MO	400.0 KW, 60 Hertz Towable Diesel Powered Generator Set	14,420.00	
		Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour.		
		For >160 To 320 Hours Usage Per Month, Add	*5,768.00*	
		For >320 Hours Usage Per Month, Add	*11,536.00*	
		For >6 Months (>26 Weeks), Deduct	*-576.80*	
		For Tier 4 Diesel Generator, Add	*3,893.40*	
01 22 23 00-0687	DAY	500.0 KW, 60 Hertz Container Diesel Powered Generator Set	2,703.75	
		Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour.		
		For >8 To 16 Hours Usage Per Day, Add	*1,081.50*	
		For >16 To 24 Hours Usage Per Day, Add	*2,163.00*	
		For Tier 4 Diesel Generator, Add	*730.01*	
01 22 23 00-0688	WK	500.0 KW, 60 Hertz Container Diesel Powered Generator Set	7,029.75	
		Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour.		
		For >40 To 80 Hours Usage Per Week, Add	*2,811.90*	
		For >80 Hours Usage Per Week, Add	*5,623.80*	
		For Tier 4 Diesel Generator, Add	*1,898.03*	
01 22 23 00-0689	MO	500.0 KW, 60 Hertz Container Diesel Powered Generator Set	16,222.50	
		Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour.		
		For >160 To 320 Hours Usage Per Month, Add	*6,489.00*	
		For >320 Hours Usage Per Month, Add	*12,978.00*	
		For >6 Months (>26 Weeks), Deduct	*-648.90*	
		For Tier 4 Diesel Generator, Add	*4,380.08*	
01 22 23 00-0690	DAY	640.0 KW, 60 Hertz Container Diesel Powered Generator Set	3,343.64	
		Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour.		
		For >8 To 16 Hours Usage Per Day, Add	*1,337.46*	
		For >16 To 24 Hours Usage Per Day, Add	*2,674.91*	
		For Tier 4 Diesel Generator, Add	*819.19*	
01 22 23 00-0691	WK	640.0 KW, 60 Hertz Container Diesel Powered Generator Set	8,832.25	
		Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour.		
		For >40 To 80 Hours Usage Per Week, Add	*3,532.90*	
		For >80 Hours Usage Per Week, Add	*7,065.80*	
		For Tier 4 Diesel Generator, Add	*2,163.90*	
01 22 23 00-0692	MO	640.0 KW, 60 Hertz Container Diesel Powered Generator Set	21,630.00	
		Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour.		
		For >160 To 320 Hours Usage Per Month, Add	*8,652.00*	
		For >320 Hours Usage Per Month, Add	*17,304.00*	
		For >6 Months (>26 Weeks), Deduct	*-865.20*	
		For Tier 4 Diesel Generator, Add	*5,299.35*	
01 22 23 00-0693	DAY	750.0 KW, 60 Hertz Container Diesel Powered Generator Set	3,614.01	
		Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour.		
		For >8 To 16 Hours Usage Per Day, Add	*1,445.60*	
		For >16 To 24 Hours Usage Per Day, Add	*2,891.21*	
		For Tier 4 Diesel Generator, Add	*885.43*	
01 22 23 00-0694	WK	750.0 KW, 60 Hertz Container Diesel Powered Generator Set	8,327.55	
		Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour.		
		For >40 To 80 Hours Usage Per Week, Add	*3,331.02*	
		For >80 Hours Usage Per Week, Add	*6,662.04*	
		For Tier 4 Diesel Generator, Add	*2,040.25*	
01 22 23 00-0695	MO	750.0 KW, 60 Hertz Container Diesel Powered Generator Set	24,982.65	
		Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour.		
		For >160 To 320 Hours Usage Per Month, Add	*9,993.06*	
		For >320 Hours Usage Per Month, Add	*19,986.12*	
		For >6 Months (>26 Weeks), Deduct	*-999.31*	
		For Tier 4 Diesel Generator, Add	*6,120.75*	
01 22 23 00-0696	DAY	1,000.0 KW, 60 Hertz Container Diesel Powered Generator Set	4,100.69	
		Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 71.1 gallons per hour, 75% load - 52.1 gallons per hour, 50% load - 36.4 gallons per hour.		
		For >8 To 16 Hours Usage Per Day, Add	*1,640.28*	
		For >16 To 24 Hours Usage Per Day, Add	*3,280.55*	
		For Tier 4 Diesel Generator, Add	*1,004.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0697	WK	1,000.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 71.1 gallons per hour, 75% load - 52.1 gallons per hour, 50% load - 36.4 gallons per hour.	10,715.86	
		For >40 To 80 Hours Usage Per Week, Add	*4,286.34*	
		For >80 Hours Usage Per Week, Add	*8,572.69*	
		For Tier 4 Diesel Generator, Add	*2,625.39*	
01 22 23 00-0698	MO	1,000.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 71.1 gallons per hour, 75% load - 52.1 gallons per hour, 50% load - 36.4 gallons per hour.	29,353.71	
		For >160 To 320 Hours Usage Per Month, Add	*11,741.48*	
		For >320 Hours Usage Per Month, Add	*23,482.97*	
		For >6 Months (>26 Weeks), Deduct	*-1,174.15*	
		For Tier 4 Diesel Generator, Add	*7,191.66*	
01 22 23 00-0699	DAY	1,500.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 106.5 gallons per hour, 75% load - 77.8 gallons per hour, 50% load - 54.3 gallons per hour.	5,407.50	
		For >8 To 16 Hours Usage Per Day, Add	*2,163.00*	
		For >16 To 24 Hours Usage Per Day, Add	*4,326.00*	
		For Tier 4 Diesel Generator, Add	*1,000.39*	
01 22 23 00-0700	WK	1,500.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 106.5 gallons per hour, 75% load - 77.8 gallons per hour, 50% load - 54.3 gallons per hour.	16,222.50	
		For >40 To 80 Hours Usage Per Week, Add	*6,489.00*	
		For >80 Hours Usage Per Week, Add	*12,978.00*	
		For Tier 4 Diesel Generator, Add	*3,001.16*	
01 22 23 00-0701	MO	1,500.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 106.5 gallons per hour, 75% load - 77.8 gallons per hour, 50% load - 54.3 gallons per hour.	46,513.51	
		For >160 To 320 Hours Usage Per Month, Add	*18,605.40*	
		For >320 Hours Usage Per Month, Add	*37,210.81*	
		For Tier 4 Diesel Generator, Add	*8,605.00*	
01 22 23 00-0702	DAY	2,000.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 141.9 gallons per hour, 75% load - 103.5 gallons per hour, 50% load - 72.2 gallons per hour.	7,128.89	
		For >8 To 16 Hours Usage Per Day, Add	*2,851.56*	
		For >16 To 24 Hours Usage Per Day, Add	*5,703.11*	
		For Tier 4 Diesel Generator, Add	*1,318.84*	
01 22 23 00-0703	WK	2,000.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 141.9 gallons per hour, 75% load - 103.5 gallons per hour, 50% load - 72.2 gallons per hour.	17,826.72	
		For >40 To 80 Hours Usage Per Week, Add	*7,130.69*	
		For >80 Hours Usage Per Week, Add	*14,261.38*	
		For Tier 4 Diesel Generator, Add	*3,297.94*	
01 22 23 00-0704	MO	2,000.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 141.9 gallons per hour, 75% load - 103.5 gallons per hour, 50% load - 72.2 gallons per hour.	48,667.50	
		For >160 To 320 Hours Usage Per Month, Add	*19,467.00*	
		For >320 Hours Usage Per Month, Add	*38,934.00*	
		For >6 Months (>26 Weeks), Deduct	*-1,946.70*	
		For Tier 4 Diesel Generator, Add	*9,003.49*	
01 22 23 00-0705	EA	Delivery, Set-up, Testing And Pick-up For Up To 160 KW Towable Generator Set Note: Includes set-up of generator accessories, cabling, load banks and distribution panels as required.	966.10	
01 22 23 00-0706	EA	Delivery, Set-up, Testing And Pick-up For 175 To 300 KW Towable Generator Set Note: Includes set-up of generator accessories, cabling, load banks and distribution panels as required.	1,316.66	
01 22 23 00-0707	EA	Delivery, Set-up, Testing And Pick-up For 350 To 450 KW Towable Generator Set Note: Includes set-up of generator accessories, cabling, load banks and distribution panels as required.	1,715.40	
01 22 23 00-0708	EA	Delivery, Set-up, Testing And Pick-up For 500 To 750 KW Towable Generator Set Note: Includes set-up of generator accessories, cabling, load banks and distribution panels as required.	2,181.03	
01 22 23 00-0709	EA	Delivery, Set-up, Testing And Pick-up For 1,000 To 2,000 KW Towable Generator Set Note: Includes set-up of generator accessories, cabling, load banks and distribution panels as required.	3,021.30	

01 22 23 00-0710 Cabling For Generator Sets *(01 22 23 00-0615)*

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0711	DAY	#1 Banded Cable, 50' With Camlock Ends For Generator Set	26.50	
		For Half Day Usage, Deduct	*-8.28*	
01 22 23 00-0712	WK	#1 Banded Cable, 50' With Camlock Ends For Generator Set	46.37	
01 22 23 00-0713	MO	#1 Banded Cable, 50' With Camlock Ends For Generator Set	139.11	
		For >6 Months (>26 Weeks), Deduct	*-5.56*	
01 22 23 00-0714	DAY	50', 4/0 Cable With Camlock Ends For Generator Set	13.25	
		For Half Day Usage, Deduct	*-4.14*	
01 22 23 00-0715	WK	50', 4/0 Cable With Camlock Ends For Generator Set	38.54	
01 22 23 00-0716	MO	50', 4/0 Cable With Camlock Ends For Generator Set	107.19	
		For >6 Months (>26 Weeks), Deduct	*-4.29*	

01 22 23 00-0717 Resistive Load Banks For Generator Sets *(01 22 23 00-0615)*

Note: Includes delivery to job site and pick-up when complete. See CSI section 01 22 23 00-0768 for reimbursable fuel fees.

01 22 23 00-0718	DAY	100 KW A/C Resistive Load Bank	250.00	
01 22 23 00-0719	WK	100 KW A/C Resistive Load Bank	570.00	
01 22 23 00-0720	MO	100 KW A/C Resistive Load Bank	1,710.00	
		For >6 Months (>26 Weeks), Deduct	*-68.40*	
01 22 23 00-0721	DAY	250 KW A/C Resistive Load Bank	313.00	
01 22 23 00-0722	WK	250 KW A/C Resistive Load Bank	690.00	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0723	MO	250 KW A/C Resistive Load Bank	2,068.00	
01 22 23 00-0724	DAY	400 KW A/C Resistive Load Bank	390.00	
01 22 23 00-0725	WK	400 KW A/C Resistive Load Bank	835.00	
01 22 23 00-0726	MO	400 KW A/C Resistive Load Bank	2,505.00	
01 22 23 00-0727	DAY	500 KW A/C Resistive Load Bank	457.00	
01 22 23 00-0728	WK	500 KW A/C Resistive Load Bank	1,250.00	
01 22 23 00-0729	MO	500 KW A/C Resistive Load Bank	3,750.00	
01 22 23 00-0730	DAY	650 KW A/C Resistive Load Bank	517.00	
01 22 23 00-0731	WK	650 KW A/C Resistive Load Bank	1,565.00	
01 22 23 00-0732	MO	650 KW A/C Resistive Load Bank	4,695.00	
		For >6 Months (>26 Weeks), Deduct	*-187.80*	
01 22 23 00-0733	DAY	750 KW A/C Resistive Load Bank	549.00	
01 22 23 00-0734	WK	750 KW A/C Resistive Load Bank	1,733.00	
01 22 23 00-0735	MO	750 KW A/C Resistive Load Bank	5,199.00	
		For >6 Months (>26 Weeks), Deduct	*-207.96*	
01 22 23 00-0736	DAY	1,000 KW A/C Resistive Load Bank	597.00	
01 22 23 00-0737	WK	1,000 KW A/C Resistive Load Bank	1,985.00	
01 22 23 00-0738	MO	1,000 KW A/C Resistive Load Bank	5,955.00	
01 22 23 00-0739	DAY	1,250 KW A/C Resistive Load Bank	657.00	
01 22 23 00-0740	WK	1,250 KW A/C Resistive Load Bank	2,300.00	
01 22 23 00-0741	MO	1,250 KW A/C Resistive Load Bank	6,900.00	
01 22 23 00-0742	DAY	1,500 KW A/C Resistive Load Bank	1,191.00	
01 22 23 00-0743	WK	1,500 KW A/C Resistive Load Bank	4,096.00	
01 22 23 00-0744	MO	1,500 KW A/C Resistive Load Bank	13,337.00	
01 22 23 00-0745	DAY	2,000 KW A/C Resistive Load Bank	1,445.00	
01 22 23 00-0746	WK	2,000 KW A/C Resistive Load Bank	5,000.00	
01 22 23 00-0747	MO	2,000 KW A/C Resistive Load Bank	16,500.00	
01 22 23 00-0748	DAY	2,500 KW A/C Resistive Load Bank	1,964.00	
01 22 23 00-0749	WK	2,500 KW A/C Resistive Load Bank	6,875.00	
01 22 23 00-0750	MO	2,500 KW A/C Resistive Load Bank	20,625.00	
01 22 23 00-0751	DAY	3,000 KW A/C Resistive Load Bank	2,310.00	
01 22 23 00-0752	WK	3,000 KW A/C Resistive Load Bank	7,500.00	
01 22 23 00-0753	MO	3,000 KW A/C Resistive Load Bank	22,500.00	

01 22 23 00-0754 Sub-Distribution Panels (Spider Box) For Generator Sets *(01 22 23 00-0615)*

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0755	DAY	50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box)	65.04	
		For Half Day Usage, Deduct	*-20.33*	
01 22 23 00-0756	WK	50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box)	168.62	
01 22 23 00-0757	MO	50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box)	475.74	
		For >6 Months (>26 Weeks), Deduct	*-19.03*	

01 22 23 00-0758 Portable Distribution Panels For Generator Sets *(01 22 23 00-0615)*

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0759	DAY	200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel	144.53	
		For Half Day Usage, Deduct	*-45.17*	
01 22 23 00-0760	WK	200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel	391.43	
01 22 23 00-0761	MO	200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel	1,096.00	
		For >6 Months (>26 Weeks), Deduct	*-43.84*	
01 22 23 00-0762	DAY	100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	118.03	
		For Half Day Usage, Deduct	*-36.88*	
01 22 23 00-0763	WK	100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	307.12	
01 22 23 00-0764	MO	100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	873.19	
		For >6 Months (>26 Weeks), Deduct	*-34.93*	
01 22 23 00-0765	DAY	200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	150.55	
		For Half Day Usage, Deduct	*-47.05*	
01 22 23 00-0766	WK	200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	379.39	
01 22 23 00-0767	MO	200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	1,029.76	
		For >6 Months (>26 Weeks), Deduct	*-41.19*	

01 22 23 00-0768 Fuel Reimbursement For Generators *(01 22 23 00-0615)*

01 22 23 00-0769	EA	Fuel Reimbursement For Generators Note: Purchases made by the contractor for fuel will be reimbursed to the Contractor at the actual cost of the purchase, without mark-up, for which a receipt or bill is received. The Adjustment Factor applied to Reimbursable Fees will be 1.0000. The base cost of the purchase is $1.00, quantity will adjust cost to actual purchase cost; i.e., quantity of 125 = $125.00 purchase. If there are multiple purchases, each one shall be listed separately with a comment in the "note" block to identify the purchase.	1.00

01 22 23 00-0770 General Equipment *(01 22 23)*

01 22 23 00-0771 Jacks And Bracing *(01 22 23 00-0770)*

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0772 Manual Hydraulic Jacks *(01 22 23 00-0771)*

01 22 23 00-0773	DAY	12 Ton Manual Hydraulic Bottle Jack	1.67	
		For Half Day Usage, Deduct	*-0.52*	
01 22 23 00-0774	WK	12 Ton Manual Hydraulic Bottle Jack	7.93	
01 22 23 00-0775	MO	12 Ton Manual Hydraulic Bottle Jack	28.50	
		For >6 Months (>26 Weeks), Deduct	*-1.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0776	DAY	20 Ton Manual Hydraulic Bottle Jack	2.92	
		For Half Day Usage, Deduct	*-0.91*	
01 22 23 00-0777	WK	20 Ton Manual Hydraulic Bottle Jack	9.18	
01 22 23 00-0778	MO	20 Ton Manual Hydraulic Bottle Jack	34.76	
		For >6 Months (>26 Weeks), Deduct	*-1.39*	
01 22 23 00-0779	DAY	50 Ton Manual Hydraulic Bottle Jack	10.43	
		For Half Day Usage, Deduct	*-3.26*	
01 22 23 00-0780	WK	50 Ton Manual Hydraulic Bottle Jack	40.49	
01 22 23 00-0781	MO	50 Ton Manual Hydraulic Bottle Jack	145.66	
		For >6 Months (>26 Weeks), Deduct	*-5.83*	
01 22 23 00-0782	DAY	100 Ton Manual Hydraulic Bottle Jack	14.61	
		For Half Day Usage, Deduct	*-4.57*	
01 22 23 00-0783	WK	100 Ton Manual Hydraulic Bottle Jack	58.43	
01 22 23 00-0784	MO	100 Ton Manual Hydraulic Bottle Jack	210.46	
		For >6 Months (>26 Weeks), Deduct	*-8.42*	

01 22 23 00-0785 Manual Screw Jacks *(01 22 23 00-0771)*

01 22 23 00-0786	DAY	10 To 20 Ton Manual Screw Jack	19.16	
		For Half Day Usage, Deduct	*-5.99*	
01 22 23 00-0787	WK	10 To 20 Ton Manual Screw Jack	50.71	
01 22 23 00-0788	MO	10 To 20 Ton Manual Screw Jack	152.12	
		For >6 Months (>26 Weeks), Deduct	*-6.08*	

01 22 23 00-0789 Shores/Braces *(01 22 23 00-0771)*

01 22 23 00-0790	MO	Up To 5' Height, Adjustable Tubular Steel Shoring	15.78	
01 22 23 00-0791	MO	Up To 10' Height, Adjustable Tubular Steel Shoring	20.28	
01 22 23 00-0792	MO	>10' To 16' Height, Adjustable Tubular Steel Shoring	27.04	
01 22 23 00-0793	MO	Up To 10' Height, Adjustable Wood Shoring	7.41	
01 22 23 00-0794	MO	>10' To 16' Height, Adjustable Wood Shoring	9.88	
01 22 23 00-0795	EA	Erect And Strip Shores To 10'	13.08	
		For >20 To 50, Deduct	*-1.96*	
		For >50 To 100, Deduct	*-4.58*	
		For >100, Deduct	*-7.19*	
01 22 23 00-0796	EA	Erect And Strip Shores To 13'	15.70	
		For >20 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-5.50*	
		For >100, Deduct	*-8.64*	
01 22 23 00-0797	EA	Erect And Strip Shores To 16'	18.30	
		For >20 To 50, Deduct	*-2.75*	
		For >50 To 100, Deduct	*-6.41*	
		For >100, Deduct	*-10.07*	

01 22 23 00-0798 Pressure Washers *(01 22 23 00-0770)*

Note: Includes delivery to job site, pick-up when complete and full time operator.

01 22 23 00-0799	DAY	2,000 PSI Pressure Washer With Full-Time Operator	942.75	
		For Equipment Without Operator, Deduct	*-832.08*	
		For Half Day Usage, Deduct	*-450.62*	
01 22 23 00-0800	WK	2,000 PSI Pressure Washer With Full-Time Operator	4,441.33	
		For Equipment Without Operator, Deduct	*-4,160.40*	
01 22 23 00-0801	MO	2,000 PSI Pressure Washer With Full-Time Operator	18,743.49	
		For Equipment Without Operator, Deduct	*-18,028.40*	
		For >6 Months (>26 Weeks), Deduct	*-28.60*	
01 22 23 00-0802	DAY	2,500 PSI Pressure Washer With Full-Time Operator	942.75	
		For Equipment Without Operator, Deduct	*-832.08*	
		For Half Day Usage, Deduct	*-450.62*	
01 22 23 00-0803	WK	2,500 PSI Pressure Washer With Full-Time Operator	4,441.33	
		For Equipment Without Operator, Deduct	*-4,160.40*	
01 22 23 00-0804	MO	2,500 PSI Pressure Washer With Full-Time Operator	18,743.49	
		For Equipment Without Operator, Deduct	*-18,028.40*	
		For >6 Months (>26 Weeks), Deduct	*-28.60*	
01 22 23 00-0805	DAY	3,000 PSI Pressure Washer With Full-Time Operator	942.75	
		For Equipment Without Operator, Deduct	*-832.08*	
		For Half Day Usage, Deduct	*-450.62*	
01 22 23 00-0806	WK	3,000 PSI Pressure Washer With Full-Time Operator	4,441.33	
		For Equipment Without Operator, Deduct	*-4,160.40*	
01 22 23 00-0807	MO	3,000 PSI Pressure Washer With Full-Time Operator	18,743.49	
		For Equipment Without Operator, Deduct	*-18,028.40*	
		For >6 Months (>26 Weeks), Deduct	*-28.60*	
01 22 23 00-0808	DAY	3,500 PSI Pressure Washer With Full-Time Operator	951.26	
		For Equipment Without Operator, Deduct	*-832.08*	
		For Half Day Usage, Deduct	*-453.28*	
01 22 23 00-0809	WK	3,500 PSI Pressure Washer With Full-Time Operator	4,466.87	
		For Equipment Without Operator, Deduct	*-4,160.40*	
01 22 23 00-0810	MO	3,500 PSI Pressure Washer With Full-Time Operator	18,811.60	
		For Equipment Without Operator, Deduct	*-18,028.40*	
		For >6 Months (>26 Weeks), Deduct	*-31.33*	
01 22 23 00-0811	DAY	4,000 PSI Pressure Washer With Full-Time Operator	985.31	
		For Equipment Without Operator, Deduct	*-832.08*	
		For Half Day Usage, Deduct	*-463.92*	
01 22 23 00-0812	WK	4,000 PSI Pressure Washer With Full-Time Operator	4,577.54	
		For Equipment Without Operator, Deduct	*-4,160.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0813	MO	4,000 PSI Pressure Washer With Full-Time Operator	19,194.68	
		For Equipment Without Operator, Deduct	*-18,028.40*	
		For >6 Months (>26 Weeks), Deduct	*-46.65*	
01 22 23 00-0814	DAY	5,000 PSI Pressure Washer With Full-Time Operator	1,002.34	
		For Equipment Without Operator, Deduct	*-832.08*	
		For Half Day Usage, Deduct	*-469.25*	
01 22 23 00-0815	WK	5,000 PSI Pressure Washer With Full-Time Operator	4,620.10	
		For Equipment Without Operator, Deduct	*-4,160.40*	
01 22 23 00-0816	MO	5,000 PSI Pressure Washer With Full-Time Operator	19,322.38	
		For Equipment Without Operator, Deduct	*-18,028.40*	
		For >6 Months (>26 Weeks), Deduct	*-51.76*	
01 22 23 00-0817		**Confined Space Entry Equipment** *(01 22 23 00-0770)*		
		Note: Includes delivery to job site, set-up, and pick-up when complete.		
01 22 23 00-0818	DAY	Ventilation Equipment For Confined Space	49.15	
		Note: Includes electric or gas blower and ventilation duct up to 25'.		
		For Half Day Usage, Deduct	*-15.36*	
01 22 23 00-0819	WK	Ventilation Equipment For Confined Space	147.45	
		Note: Includes electric or gas blower and ventilation duct up to 25'.		
01 22 23 00-0820	MO	Ventilation Equipment For Confined Space	440.00	
		Note: Includes electric or gas blower and ventilation duct up to 25'.		
		For >6 Months (>26 Weeks), Deduct	*-17.60*	
01 22 23 00-0821	DAY	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	67.81	
		For Half Day Usage, Deduct	*-21.19*	
01 22 23 00-0822	WK	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	203.44	
01 22 23 00-0823	MO	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	610.31	
		For >6 Months (>26 Weeks), Deduct	*-24.41*	
01 22 23 00-0824	DAY	Confined Space Air Monitor Personnel	832.08	
		Note: Per person day.		
		For Half Day Usage, Deduct	*-416.04*	
01 22 23 00-0825		**Direct Fired Space Heaters** *(01 22 23 00-0770)*		
		Note: Includes delivery to job site, set-up, and pick-up when complete. Excludes operator.		
01 22 23 00-0826	DAY	150,000 BTU/Hour Space Heater	83.08	
		For Half Day Usage, Deduct	*-25.96*	
01 22 23 00-0827	WK	150,000 BTU/Hour Space Heater	238.84	
01 22 23 00-0828	MO	150,000 BTU/Hour Space Heater	674.99	
		For >6 Months (>26 Weeks), Deduct	*-27.00*	
01 22 23 00-0829	DAY	500,000 BTU/Hour Space Heater	176.54	
		For Half Day Usage, Deduct	*-55.17*	
01 22 23 00-0830	WK	500,000 BTU/Hour Space Heater	436.15	
01 22 23 00-0831	MO	500,000 BTU/Hour Space Heater	1,102.83	
		For >6 Months (>26 Weeks), Deduct	*-44.11*	
01 22 23 00-0832		**Trailer Mounted Brush Chipper** *(01 22 23 00-0770)*		
		Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0833	DAY	4" Capacity, Trailer Mounted Brush Chipper For Emergency Cleanup	192.25	
		For Half Day Usage, Deduct	*-60.08*	
01 22 23 00-0834	WK	4" Capacity, Trailer Mounted Brush Chipper For Emergency Cleanup	459.72	
01 22 23 00-0835	MO	4" Capacity, Trailer Mounted Brush Chipper For Emergency Cleanup	1,412.59	
		For >6 Months (>26 Weeks), Deduct	*-56.50*	
01 22 23 00-0836	DAY	6" Capacity, Trailer Mounted Brush Chipper For Emergency Cleanup	250.76	
		For Half Day Usage, Deduct	*-78.36*	
01 22 23 00-0837	WK	6" Capacity, Trailer Mounted Brush Chipper For Emergency Cleanup	565.03	
01 22 23 00-0838	MO	6" Capacity, Trailer Mounted Brush Chipper For Emergency Cleanup	1,504.53	
		For >6 Months (>26 Weeks), Deduct	*-60.18*	
01 22 23 00-0839	DAY	9" Capacity, Trailer Mounted Brush Chipper For Emergency Cleanup	468.08	
		For Half Day Usage, Deduct	*-146.28*	
01 22 23 00-0840	WK	9" Capacity, Trailer Mounted Brush Chipper For Emergency Cleanup	1,053.17	
01 22 23 00-0841	MO	9" Capacity, Trailer Mounted Brush Chipper For Emergency Cleanup	2,808.46	
		For >6 Months (>26 Weeks), Deduct	*-112.34*	
01 22 23 00-0842	DAY	12" Capacity, Trailer Mounted Brush Chipper For Emergency Cleanup	559.01	
		For Half Day Usage, Deduct	*-174.69*	
01 22 23 00-0843	WK	12" Capacity, Trailer Mounted Brush Chipper For Emergency Cleanup	1,257.77	
01 22 23 00-0844	MO	12" Capacity, Trailer Mounted Brush Chipper For Emergency Cleanup	3,354.05	
		For >6 Months (>26 Weeks), Deduct	*-134.16*	
01 22 23 00-0845		**Material Handling Equipment** *(01 22 23)*		
01 22 23 00-0846		**Truck Mounted Hydraulic Cranes** *(01 22 23 00-0845)*		
		Note: Includes full-time operator, delivery, set-up, rigging, all necessary counter weights and removal time in rental period. Excludes lattice boom extension.		
01 22 23 00-0847	DAY	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,572.34	
		For Equipment Without Operator, Deduct	*-1,113.20*	
		For Half Day Usage, Deduct	*-700.08*	
01 22 23 00-0848	WK	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	6,956.90	
		For Equipment Without Operator, Deduct	*-5,565.99*	
01 22 23 00-0849	MO	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	28,305.54	
		For Equipment Without Operator, Deduct	*-24,119.30*	
		For >6 Months (>26 Weeks), Deduct	*-167.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0850	DAY	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,693.87	
		For Equipment Without Operator, Deduct	*-1,113.20*	
		For Half Day Usage, Deduct	*-738.06*	
01 22 23 00-0851	WK	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	7,318.13	
		For Equipment Without Operator, Deduct	*-5,565.99*	
01 22 23 00-0852	MO	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	29,385.86	
		For Equipment Without Operator, Deduct	*-24,119.30*	
		For >6 Months (>26 Weeks), Deduct	*-210.66*	
01 22 23 00-0853	DAY	14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,815.41	
		For Equipment Without Operator, Deduct	*-1,113.20*	
		For Half Day Usage, Deduct	*-776.04*	
01 22 23 00-0854	WK	14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	7,679.37	
		For Equipment Without Operator, Deduct	*-5,565.99*	
01 22 23 00-0855	MO	14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	30,466.18	
		For Equipment Without Operator, Deduct	*-24,119.30*	
		For >6 Months (>26 Weeks), Deduct	*-253.88*	
01 22 23 00-0856	DAY	20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,977.46	
		For Equipment Without Operator, Deduct	*-1,113.20*	
		For Half Day Usage, Deduct	*-826.68*	
01 22 23 00-0857	WK	20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	8,165.51	
		For Equipment Without Operator, Deduct	*-5,565.99*	
01 22 23 00-0858	MO	20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	31,917.86	
		For Equipment Without Operator, Deduct	*-24,119.30*	
		For >6 Months (>26 Weeks), Deduct	*-311.94*	
01 22 23 00-0859	DAY	30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,126.00	
		For Equipment Without Operator, Deduct	*-1,113.20*	
		For Half Day Usage, Deduct	*-873.10*	
01 22 23 00-0860	WK	30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	9,171.56	
		For Equipment Without Operator, Deduct	*-5,565.99*	
01 22 23 00-0861	MO	30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	34,933.30	
		For Equipment Without Operator, Deduct	*-24,119.30*	
		For >6 Months (>26 Weeks), Deduct	*-432.56*	
01 22 23 00-0862	DAY	40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,477.10	
		For Equipment Without Operator, Deduct	*-1,113.20*	
		For Half Day Usage, Deduct	*-982.82*	
01 22 23 00-0863	WK	40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	10,427.43	
		For Equipment Without Operator, Deduct	*-5,565.99*	
01 22 23 00-0864	MO	40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	38,703.62	
		For Equipment Without Operator, Deduct	*-24,119.30*	
		For >6 Months (>26 Weeks), Deduct	*-583.37*	
01 22 23 00-0865	DAY	50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,699.92	
		For Equipment Without Operator, Deduct	*-1,113.20*	
		For Half Day Usage, Deduct	*-1,052.45*	
01 22 23 00-0866	WK	50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	11,210.66	
		For Equipment Without Operator, Deduct	*-5,565.99*	
01 22 23 00-0867	MO	50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	41,058.72	
		For Equipment Without Operator, Deduct	*-24,119.30*	
		For >6 Months (>26 Weeks), Deduct	*-677.58*	
01 22 23 00-0868	DAY	60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,875.47	
		For Equipment Without Operator, Deduct	*-1,113.20*	
		For Half Day Usage, Deduct	*-1,107.31*	
01 22 23 00-0869	WK	60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	11,845.35	
		For Equipment Without Operator, Deduct	*-5,565.99*	
01 22 23 00-0870	MO	60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	42,960.08	
		For Equipment Without Operator, Deduct	*-24,119.30*	
		For >6 Months (>26 Weeks), Deduct	*-753.63*	
01 22 23 00-0871	DAY	70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	3,051.02	
		For Equipment Without Operator, Deduct	*-1,113.20*	
		For Half Day Usage, Deduct	*-1,162.17*	
01 22 23 00-0872	WK	70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	12,480.04	
		For Equipment Without Operator, Deduct	*-5,565.99*	
01 22 23 00-0873	MO	70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	44,861.44	
		For Equipment Without Operator, Deduct	*-24,119.30*	
		For >6 Months (>26 Weeks), Deduct	*-829.69*	
01 22 23 00-0874	DAY	85 To 90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	3,165.81	
		For Equipment Without Operator, Deduct	*-1,113.20*	
		For Half Day Usage, Deduct	*-1,198.04*	
01 22 23 00-0875	WK	85 To 90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	12,871.65	
		For Equipment Without Operator, Deduct	*-5,565.99*	
01 22 23 00-0876	MO	85 To 90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	46,049.80	
		For Equipment Without Operator, Deduct	*-24,119.30*	
		For >6 Months (>26 Weeks), Deduct	*-877.22*	
01 22 23 00-0877	DAY	100 To 110 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	3,321.10	
		For Equipment Without Operator, Deduct	*-1,113.20*	
		For Half Day Usage, Deduct	*-1,246.57*	
01 22 23 00-0878	WK	100 To 110 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	13,452.33	
		For Equipment Without Operator, Deduct	*-5,565.99*	
01 22 23 00-0879	MO	100 To 110 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	47,778.31	
		For Equipment Without Operator, Deduct	*-24,119.30*	
		For >6 Months (>26 Weeks), Deduct	*-946.36*	
01 22 23 00-0880	DAY	120 To 125 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	3,820.75	
		For Equipment Without Operator, Deduct	*-1,113.20*	
		For Half Day Usage, Deduct	*-1,402.71*	
01 22 23 00-0881	WK	120 To 125 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	15,042.42	
		For Equipment Without Operator, Deduct	*-5,565.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0882	MO	120 To 125 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	52,548.60	
		For Equipment Without Operator, Deduct	*-24,119.30*	
		For >6 Months (>26 Weeks), Deduct	*-1,137.17*	
01 22 23 00-0883	DAY	140 To 150 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	4,165.10	
		For Equipment Without Operator, Deduct	*-1,113.20*	
		For Half Day Usage, Deduct	*-1,510.32*	
01 22 23 00-0884	WK	140 To 150 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	16,247.65	
		For Equipment Without Operator, Deduct	*-5,565.99*	
01 22 23 00-0885	MO	140 To 150 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	56,164.29	
		For Equipment Without Operator, Deduct	*-24,119.30*	
		For >6 Months (>26 Weeks), Deduct	*-1,281.80*	
01 22 23 00-0886	DAY	175 To 185 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	4,786.29	
		For Equipment Without Operator, Deduct	*-1,113.20*	
		For Half Day Usage, Deduct	*-1,704.44*	
01 22 23 00-0887	WK	175 To 185 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	18,421.80	
		For Equipment Without Operator, Deduct	*-5,565.99*	
01 22 23 00-0888	MO	175 To 185 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	62,686.72	
		For Equipment Without Operator, Deduct	*-24,119.30*	
		For >6 Months (>26 Weeks), Deduct	*-1,542.70*	
01 22 23 00-0889	DAY	200 To 210 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	5,218.42	
		For Equipment Without Operator, Deduct	*-1,113.20*	
		For Half Day Usage, Deduct	*-1,839.48*	
01 22 23 00-0890	WK	200 To 210 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	19,934.25	
		For Equipment Without Operator, Deduct	*-5,565.99*	
01 22 23 00-0891	MO	200 To 210 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	67,224.07	
		For Equipment Without Operator, Deduct	*-24,119.30*	
		For >6 Months (>26 Weeks), Deduct	*-1,724.19*	

01 22 23 00-0892 Cable Controlled Lattice Boom, Mechanical Cranes *(01 22 23 00-0845)*

Note: Includes full-time operator and counterweights. Excludes delivery, set-up, and removal. See CSI section 01 71 13 00-0004 for lattice crane delivery.

01 22 23 00-0893	DAY	75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	2,733.68	
		For Equipment Without Operator, Deduct	*-1,113.20*	
01 22 23 00-0894	WK	75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	11,345.70	
		For Equipment Without Operator, Deduct	*-5,565.99*	
01 22 23 00-0895	MO	75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	41,458.44	
		For Equipment Without Operator, Deduct	*-24,119.30*	
		For >6 Months (>26 Weeks), Deduct	*-693.57*	
01 22 23 00-0896	DAY	100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	3,982.80	
		For Equipment Without Operator, Deduct	*-1,113.20*	
01 22 23 00-0897	WK	100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	13,425.32	
		For Equipment Without Operator, Deduct	*-5,565.99*	
01 22 23 00-0898	MO	100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	47,697.28	
		For Equipment Without Operator, Deduct	*-24,119.30*	
		For >6 Months (>26 Weeks), Deduct	*-943.12*	
01 22 23 00-0899	DAY	125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator	4,185.36	
		For Equipment Without Operator, Deduct	*-1,113.20*	
01 22 23 00-0900	WK	125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator	14,904.01	
		For Equipment Without Operator, Deduct	*-5,565.99*	
01 22 23 00-0901	MO	125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator	52,132.00	
		For Equipment Without Operator, Deduct	*-24,119.30*	
		For >6 Months (>26 Weeks), Deduct	*-1,120.51*	
01 22 23 00-0902	DAY	150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator	4,590.48	
		For Equipment Without Operator, Deduct	*-1,113.20*	
01 22 23 00-0903	WK	150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator	16,382.69	
		For Equipment Without Operator, Deduct	*-5,565.99*	
01 22 23 00-0904	MO	150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator	56,561.31	
		For Equipment Without Operator, Deduct	*-24,119.30*	
		For >6 Months (>26 Weeks), Deduct	*-1,297.68*	
01 22 23 00-0905	DAY	200 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	4,782.91	
		For Equipment Without Operator, Deduct	*-1,113.20*	
01 22 23 00-0906	WK	200 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	17,861.38	
		For Equipment Without Operator, Deduct	*-5,565.99*	
01 22 23 00-0907	MO	200 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	61,001.42	
		For Equipment Without Operator, Deduct	*-24,119.30*	
		For >6 Months (>26 Weeks), Deduct	*-1,475.28*	
01 22 23 00-0908	DAY	250 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	4,975.34	
		For Equipment Without Operator, Deduct	*-1,113.20*	
01 22 23 00-0909	WK	250 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	19,340.07	
		For Equipment Without Operator, Deduct	*-5,565.99*	
01 22 23 00-0910	MO	250 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	65,441.54	
		For Equipment Without Operator, Deduct	*-24,119.30*	
		For >6 Months (>26 Weeks), Deduct	*-1,652.89*	
01 22 23 00-0911	DAY	300 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	5,610.03	
		For Equipment Without Operator, Deduct	*-1,113.20*	
01 22 23 00-0912	WK	300 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	21,615.49	
		For Equipment Without Operator, Deduct	*-5,565.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0913	MO	300 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	72,258.36	
		For Equipment Without Operator, Deduct	*-24,119.30*	
		For >6 Months (>26 Weeks), Deduct	*-1,925.56*	
01 22 23 00-0914	DAY	500 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	9,512.69	
		For Equipment Without Operator, Deduct	*-1,113.20*	
01 22 23 00-0915	WK	500 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	35,524.61	
		For Equipment Without Operator, Deduct	*-5,565.99*	
01 22 23 00-0916	MO	500 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	114,001.92	
		For Equipment Without Operator, Deduct	*-24,119.30*	
		For >6 Months (>26 Weeks), Deduct	*-3,595.30*	

01 22 23 00-0917 Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklifts *(01 22 23 00-0845)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0918	DAY	5,000 Lb. Capacity, Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,687.36	
		For Equipment Without Operator, Deduct	*-1,092.32*	
		For Half Day Usage, Deduct	*-732.11*	
01 22 23 00-0919	WK	5,000 Lb. Capacity, Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	6,917.87	
		For Equipment Without Operator, Deduct	*-5,461.58*	
01 22 23 00-0920	MO	5,000 Lb. Capacity, Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	26,798.65	
		For Equipment Without Operator, Deduct	*-23,666.85*	
		For >6 Months (>26 Weeks), Deduct	*-125.27*	
01 22 23 00-0921	DAY	6,000 Lb. Capacity, Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,750.00	
		For Equipment Without Operator, Deduct	*-1,092.32*	
		For Half Day Usage, Deduct	*-751.69*	
01 22 23 00-0922	WK	6,000 Lb. Capacity, Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	7,058.80	
		For Equipment Without Operator, Deduct	*-5,461.58*	
01 22 23 00-0923	MO	6,000 Lb. Capacity, Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	27,111.83	
		For Equipment Without Operator, Deduct	*-23,666.85*	
		For >6 Months (>26 Weeks), Deduct	*-137.80*	
01 22 23 00-0924	DAY	8,000 Lb. Capacity, Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,734.34	
		For Equipment Without Operator, Deduct	*-1,092.32*	
		For Half Day Usage, Deduct	*-746.79*	
01 22 23 00-0925	WK	8,000 Lb. Capacity, Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	7,129.26	
		For Equipment Without Operator, Deduct	*-5,461.58*	
01 22 23 00-0926	MO	8,000 Lb. Capacity, Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	27,581.60	
		For Equipment Without Operator, Deduct	*-23,666.85*	
		For >6 Months (>26 Weeks), Deduct	*-156.59*	
01 22 23 00-0927	DAY	10,000 Lb. Capacity, Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,914.42	
		For Equipment Without Operator, Deduct	*-1,092.32*	
		For Half Day Usage, Deduct	*-803.07*	
01 22 23 00-0928	WK	10,000 Lb. Capacity, Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	7,599.03	
		For Equipment Without Operator, Deduct	*-5,461.58*	
01 22 23 00-0929	MO	10,000 Lb. Capacity, Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	28,677.73	
		For Equipment Without Operator, Deduct	*-23,666.85*	
		For >6 Months (>26 Weeks), Deduct	*-200.44*	

01 22 23 00-0930 Straight Mast, Rough Terrain Construction Forklifts *(01 22 23 00-0845)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0931	DAY	5,000 Lb. Capacity, Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	1,479.10	
		For Equipment Without Operator, Deduct	*-1,092.32*	
		For Propane Instead Of Gas Or Diesel, Add	*77.36*	
		For Half Day Usage, Deduct	*-667.03*	
01 22 23 00-0932	WK	5,000 Lb. Capacity, Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	6,517.78	
		For Equipment Without Operator, Deduct	*-5,461.58*	
		For Propane Instead Of Gas Or Diesel, Add	*211.24*	
01 22 23 00-0933	MO	5,000 Lb. Capacity, Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	26,084.21	
		For Equipment Without Operator, Deduct	*-23,666.85*	
		For Propane Instead Of Gas Or Diesel, Add	*483.47*	
		For >6 Months (>26 Weeks), Deduct	*-96.69*	
01 22 23 00-0934	DAY	6,000 Lb. Capacity, Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	1,499.45	
		For Equipment Without Operator, Deduct	*-1,092.32*	
		For Propane Instead Of Gas Or Diesel, Add	*81.43*	
		For Half Day Usage, Deduct	*-673.39*	
01 22 23 00-0935	WK	6,000 Lb. Capacity, Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	6,573.37	
		For Equipment Without Operator, Deduct	*-5,461.58*	
		For Propane Instead Of Gas Or Diesel, Add	*222.36*	
01 22 23 00-0936	MO	6,000 Lb. Capacity, Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	26,211.44	
		For Equipment Without Operator, Deduct	*-23,666.85*	
		For Propane Instead Of Gas Or Diesel, Add	*508.92*	
		For >6 Months (>26 Weeks), Deduct	*-101.78*	
01 22 23 00-0937	DAY	8,000 Lb. Capacity, Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	1,609.07	
		For Equipment Without Operator, Deduct	*-1,092.32*	
		For Propane Instead Of Gas Or Diesel, Add	*103.35*	
		For Half Day Usage, Deduct	*-707.64*	
01 22 23 00-0938	WK	8,000 Lb. Capacity, Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	6,878.72	
		For Equipment Without Operator, Deduct	*-5,461.58*	
		For Propane Instead Of Gas Or Diesel, Add	*283.43*	
01 22 23 00-0939	MO	8,000 Lb. Capacity, Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	26,916.09	
		For Equipment Without Operator, Deduct	*-23,666.85*	
		For Propane Instead Of Gas Or Diesel, Add	*649.85*	
		For >6 Months (>26 Weeks), Deduct	*-129.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0940	DAY	10,000 Lb. Capacity, Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	1,669.43	
		For Equipment Without Operator, Deduct	*-1,092.32*	
		For Propane Instead Of Gas Or Diesel, Add	*115.42*	
		For Half Day Usage, Deduct	*-726.51*	
01 22 23 00-0941	WK	10,000 Lb. Capacity, Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	6,852.57	
		For Equipment Without Operator, Deduct	*-5,461.58*	
		For Propane Instead Of Gas Or Diesel, Add	*278.20*	
01 22 23 00-0942	MO	10,000 Lb. Capacity, Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	27,129.52	
		For Equipment Without Operator, Deduct	*-23,666.85*	
		For Propane Instead Of Gas Or Diesel, Add	*692.53*	
		For >6 Months (>26 Weeks), Deduct	*-138.51*	

01 22 23 00-0943 Straight Mast, Industrial Warehouse Forklifts *(01 22 23 00-0845)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0944	DAY	5,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	1,421.16	
		For Equipment Without Operator, Deduct	*-1,092.32*	
		For Propane Instead Of Gas Or Diesel, Add	*65.77*	
		For Half Day Usage, Deduct	*-648.92*	
01 22 23 00-0945	WK	5,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	6,213.21	
		For Equipment Without Operator, Deduct	*-5,461.58*	
		For Propane Instead Of Gas Or Diesel, Add	*150.33*	
01 22 23 00-0946	MO	5,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	25,467.63	
		For Equipment Without Operator, Deduct	*-23,666.85*	
		For Propane Instead Of Gas Or Diesel, Add	*360.16*	
		For >6 Months (>26 Weeks), Deduct	*-72.03*	
01 22 23 00-0947	DAY	6,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	1,428.99	
		For Equipment Without Operator, Deduct	*-1,092.32*	
		For Propane Instead Of Gas Or Diesel, Add	*67.33*	
		For Half Day Usage, Deduct	*-651.37*	
01 22 23 00-0948	WK	6,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	6,236.70	
		For Equipment Without Operator, Deduct	*-5,461.58*	
		For Propane Instead Of Gas Or Diesel, Add	*155.02*	
01 22 23 00-0949	MO	6,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	25,522.44	
		For Equipment Without Operator, Deduct	*-23,666.85*	
		For Propane Instead Of Gas Or Diesel, Add	*371.12*	
		For >6 Months (>26 Weeks), Deduct	*-74.22*	
01 22 23 00-0950	DAY	8,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	1,593.41	
		For Equipment Without Operator, Deduct	*-1,092.32*	
		For Propane Instead Of Gas Or Diesel, Add	*100.22*	
		For Half Day Usage, Deduct	*-702.75*	
01 22 23 00-0951	WK	8,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	6,596.86	
		For Equipment Without Operator, Deduct	*-5,461.58*	
		For Propane Instead Of Gas Or Diesel, Add	*227.06*	
01 22 23 00-0952	MO	8,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	26,407.17	
		For Equipment Without Operator, Deduct	*-23,666.85*	
		For Propane Instead Of Gas Or Diesel, Add	*548.06*	
		For >6 Months (>26 Weeks), Deduct	*-109.61*	
01 22 23 00-0953	DAY	12,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	1,609.07	
		For Equipment Without Operator, Deduct	*-1,092.32*	
		For Propane Instead Of Gas Or Diesel, Add	*103.35*	
		For Half Day Usage, Deduct	*-707.64*	
01 22 23 00-0954	WK	12,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	6,729.96	
		For Equipment Without Operator, Deduct	*-5,461.58*	
		For Propane Instead Of Gas Or Diesel, Add	*253.68*	
01 22 23 00-0955	MO	12,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	26,876.95	
		For Equipment Without Operator, Deduct	*-23,666.85*	
		For Propane Instead Of Gas Or Diesel, Add	*642.02*	
		For >6 Months (>26 Weeks), Deduct	*-128.40*	
01 22 23 00-0956	DAY	15,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	1,750.00	
		For Equipment Without Operator, Deduct	*-1,092.32*	
		For Propane Instead Of Gas Or Diesel, Add	*131.54*	
		For Half Day Usage, Deduct	*-751.69*	
01 22 23 00-0957	WK	15,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	6,957.01	
		For Equipment Without Operator, Deduct	*-5,461.58*	
		For Propane Instead Of Gas Or Diesel, Add	*299.09*	
01 22 23 00-0958	MO	15,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	27,268.42	
		For Equipment Without Operator, Deduct	*-23,666.85*	
		For Propane Instead Of Gas Or Diesel, Add	*720.31*	
		For >6 Months (>26 Weeks), Deduct	*-144.06*	

01 22 23 00-0959 Chain Hoists *(01 22 23 00-0845)*

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0960	DAY	1 Ton, 20' Lift, Manual Chain Hoist	12.52	
		For Half Day Usage, Deduct	*-3.91*	
01 22 23 00-0961	WK	1 Ton, 20' Lift, Manual Chain Hoist	32.55	
01 22 23 00-0962	MO	1 Ton, 20' Lift, Manual Chain Hoist	96.40	
		For >6 Months (>26 Weeks), Deduct	*-3.86*	
01 22 23 00-0963	DAY	3 Ton, 20' Lift, Manual Chain Hoist	35.06	
		For Half Day Usage, Deduct	*-10.96*	
01 22 23 00-0964	WK	3 Ton, 20' Lift, Manual Chain Hoist	82.63	
01 22 23 00-0965	MO	3 Ton, 20' Lift, Manual Chain Hoist	231.62	
		For >6 Months (>26 Weeks), Deduct	*-9.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0966	DAY	5 Ton, 20' Lift, Manual Chain Hoist	45.07	
		For Half Day Usage, Deduct	*-14.08*	
01 22 23 00-0967	WK	5 Ton, 20' Lift, Manual Chain Hoist	121.44	
01 22 23 00-0968	MO	5 Ton, 20' Lift, Manual Chain Hoist	338.04	
		For >6 Months (>26 Weeks), Deduct	*-13.52*	
01 22 23 00-0969	DAY	2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	88.89	
		For Half Day Usage, Deduct	*-27.78*	
01 22 23 00-0970	WK	2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	231.62	
01 22 23 00-0971	MO	2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	626.00	
		For >6 Months (>26 Weeks), Deduct	*-25.04*	
01 22 23 00-0972	DAY	3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	90.14	
		For Half Day Usage, Deduct	*-28.17*	
01 22 23 00-0973	WK	3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	241.01	
01 22 23 00-0974	MO	3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	657.30	
		For >6 Months (>26 Weeks), Deduct	*-26.29*	
01 22 23 00-0975	DAY	5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	92.65	
		For Half Day Usage, Deduct	*-28.95*	
01 22 23 00-0976	WK	5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	259.79	
01 22 23 00-0977	MO	5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	719.90	
		For >6 Months (>26 Weeks), Deduct	*-28.80*	

01 22 23 00-0978 Roof Swing Hoist *(01 22 23 00-0845)*

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0979	DAY	Up To 400 Lb., Manual Swing Roof Hoist	106.00	
		For Half Day Usage, Deduct	*-33.13*	
01 22 23 00-0980	WK	Up To 400 Lb., Manual Swing Roof Hoist	371.02	
01 22 23 00-0981	MO	Up To 400 Lb., Manual Swing Roof Hoist	1,272.06	
		For >6 Months (>26 Weeks), Deduct	*-50.88*	

01 22 23 00-0982 Truck Mounted Digger Derrick *(01 22 23 00-0845)*

Note: Includes full-time operator, delivery, set-up, and removal time in rental period. Lifting capacity is reduced.

01 22 23 00-0983	DAY	Up To 47' Sheave Height, 34' Horizontal Reach, 12 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator Note: Includes lifting boom, grapple arm and auger drill.	1,752.45	
		For Equipment Without Operator, Deduct	*-1,113.20*	
		For Half Day Usage, Deduct	*-756.37*	
01 22 23 00-0984	WK	Up To 47' Sheave Height, 34' Horizontal Reach, 12 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator Note: Includes lifting boom, grapple arm and auger drill.	7,483.74	
		For Equipment Without Operator, Deduct	*-5,565.99*	
01 22 23 00-0985	MO	Up To 47' Sheave Height, 34' Horizontal Reach, 12 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator Note: Includes lifting boom, grapple arm and auger drill.	29,233.31	
		For Equipment Without Operator, Deduct	*-24,119.30*	
		For >6 Months (>26 Weeks), Deduct	*-204.56*	
01 22 23 00-0986	DAY	Up To 48' Sheave Height, 38' Horizontal Reach, 15 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator Note: Includes lifting boom, grapple arm and auger drill.	1,883.84	
		For Equipment Without Operator, Deduct	*-1,113.20*	
		For Half Day Usage, Deduct	*-797.43*	
01 22 23 00-0987	WK	Up To 48' Sheave Height, 38' Horizontal Reach, 15 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator Note: Includes lifting boom, grapple arm and auger drill.	7,877.92	
		For Equipment Without Operator, Deduct	*-5,565.99*	
01 22 23 00-0988	MO	Up To 48' Sheave Height, 38' Horizontal Reach, 15 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator Note: Includes lifting boom, grapple arm and auger drill.	30,284.46	
		For Equipment Without Operator, Deduct	*-24,119.30*	
		For >6 Months (>26 Weeks), Deduct	*-246.61*	
01 22 23 00-0989	DAY	Up To 65' Sheave Height, 55' Horizontal Reach, 21 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator Note: Includes lifting boom, grapple arm and auger drill.	2,695.78	
		For Equipment Without Operator, Deduct	*-1,113.20*	
		For Half Day Usage, Deduct	*-1,051.16*	
01 22 23 00-0990	WK	Up To 65' Sheave Height, 55' Horizontal Reach, 21 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator Note: Includes lifting boom, grapple arm and auger drill.	10,313.72	
		For Equipment Without Operator, Deduct	*-5,565.99*	
01 22 23 00-0991	MO	Up To 65' Sheave Height, 55' Horizontal Reach, 21 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator Note: Includes lifting boom, grapple arm and auger drill.	36,779.91	
		For Equipment Without Operator, Deduct	*-24,119.30*	
		For >6 Months (>26 Weeks), Deduct	*-506.42*	

01 22 23 00-0992 Pumping Equipment *(01 22 23)*

01 22 23 00-0993 Gas Powered Portable Centrifugal Pumps *(01 22 23 00-0992)*

Note: Includes delivery, set-up, and removal. Excludes operator. See CSI section 01 22 23 00-1017 for larger diameter pumps.

01 22 23 00-0994	DAY	8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump	81.10	
		For >8 To 16 Hours Usage Per Day, Add	*32.44*	
		For >16 To 24 Hours Usage Per Day, Add	*64.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0995	WK	8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump	182.47	
		For >40 To 80 Hours Usage Per Week, Add	*72.99*	
		For >80 Hours Usage Per Week, Add	*145.98*	
01 22 23 00-0996	MO	8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump	486.58	
		For >160 To 320 Hours Usage Per Month, Add	*194.63*	
		For >320 Hours Usage Per Month, Add	*389.26*	
		For >6 Months (>26 Weeks), Deduct	*-19.46*	
01 22 23 00-0997	DAY	16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump	97.32	
		For >8 To 16 Hours Usage Per Day, Add	*38.93*	
		For >16 To 24 Hours Usage Per Day, Add	*77.86*	
01 22 23 00-0998	WK	16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump	218.96	
		For >40 To 80 Hours Usage Per Week, Add	*87.58*	
		For >80 Hours Usage Per Week, Add	*175.17*	
01 22 23 00-0999	MO	16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump	583.89	
		For >160 To 320 Hours Usage Per Month, Add	*233.56*	
		For >320 Hours Usage Per Month, Add	*467.11*	
		For >6 Months (>26 Weeks), Deduct	*-23.36*	

01 22 23 00-1000 Gas Powered Portable Diaphragm Pumps *(01 22 23 00-0992)*

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-1001	DAY	3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	93.26	
		For >8 To 16 Hours Usage Per Day, Add	*37.30*	
		For >16 To 24 Hours Usage Per Day, Add	*74.61*	
01 22 23 00-1002	WK	3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	263.56	
		For >40 To 80 Hours Usage Per Week, Add	*105.42*	
		For >80 Hours Usage Per Week, Add	*210.85*	
01 22 23 00-1003	MO	3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	669.04	
		For >160 To 320 Hours Usage Per Month, Add	*267.62*	
		For >320 Hours Usage Per Month, Add	*535.23*	
		For >6 Months (>26 Weeks), Deduct	*-26.76*	
01 22 23 00-1004	DAY	5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	113.53	
		For >8 To 16 Hours Usage Per Day, Add	*45.41*	
		For >16 To 24 Hours Usage Per Day, Add	*90.82*	
01 22 23 00-1005	WK	5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	304.11	
		For >40 To 80 Hours Usage Per Week, Add	*121.64*	
		For >80 Hours Usage Per Week, Add	*243.29*	
01 22 23 00-1006	MO	5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	861.64	
		For >160 To 320 Hours Usage Per Month, Add	*344.66*	
		For >320 Hours Usage Per Month, Add	*689.31*	
		For >6 Months (>26 Weeks), Deduct	*-34.47*	

01 22 23 00-1007 Gas Powered Portable Trash Pumps *(01 22 23 00-0992)*

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-1008	DAY	12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump	117.59	
		For >8 To 16 Hours Usage Per Day, Add	*47.04*	
		For >16 To 24 Hours Usage Per Day, Add	*94.07*	
01 22 23 00-1009	WK	12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump	243.29	
		For >40 To 80 Hours Usage Per Week, Add	*97.32*	
		For >80 Hours Usage Per Week, Add	*194.63*	
01 22 23 00-1010	MO	12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump	729.86	
		For >160 To 320 Hours Usage Per Month, Add	*291.94*	
		For >320 Hours Usage Per Month, Add	*583.89*	
		For >6 Months (>26 Weeks), Deduct	*-29.19*	
01 22 23 00-1011	DAY	25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump	117.59	
		For >8 To 16 Hours Usage Per Day, Add	*47.04*	
		For >16 To 24 Hours Usage Per Day, Add	*94.07*	
01 22 23 00-1012	WK	25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump	314.25	
		For >40 To 80 Hours Usage Per Week, Add	*125.70*	
		For >80 Hours Usage Per Week, Add	*251.40*	
01 22 23 00-1013	MO	25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump	861.64	
		For >160 To 320 Hours Usage Per Month, Add	*344.66*	
		For >320 Hours Usage Per Month, Add	*689.31*	
		For >6 Months (>26 Weeks), Deduct	*-34.47*	
01 22 23 00-1014	DAY	35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump	186.52	
		For >8 To 16 Hours Usage Per Day, Add	*74.61*	
		For >16 To 24 Hours Usage Per Day, Add	*149.22*	
01 22 23 00-1015	WK	35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump	527.12	
		For >40 To 80 Hours Usage Per Week, Add	*210.85*	
		For >80 Hours Usage Per Week, Add	*421.70*	
01 22 23 00-1016	MO	35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump	1,530.69	
		For >160 To 320 Hours Usage Per Month, Add	*612.28*	
		For >320 Hours Usage Per Month, Add	*1,224.55*	
		For >6 Months (>26 Weeks), Deduct	*-61.23*	

01 22 23 00-1017 Diesel Powered Portable Trash Pumps *(01 22 23 00-0992)*

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-1018	DAY	63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	364.93	
		For >8 To 16 Hours Usage Per Day, Add	*145.97*	
		For >16 To 24 Hours Usage Per Day, Add	*291.94*	
01 22 23 00-1019	WK	63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	993.43	
		For >40 To 80 Hours Usage Per Week, Add	*397.37*	
		For >80 Hours Usage Per Week, Add	*794.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1020	MO	63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	4,328.50	
		For >160 To 320 Hours Usage Per Month, Add	*1,731.40*	
		For >320 Hours Usage Per Month, Add	*3,462.80*	
		For >6 Months (>26 Weeks), Deduct	*-173.14*	
01 22 23 00-1021	DAY	156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	557.54	
		For >8 To 16 Hours Usage Per Day, Add	*223.02*	
		For >16 To 24 Hours Usage Per Day, Add	*446.03*	
01 22 23 00-1022	WK	156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	1,459.73	
		For >40 To 80 Hours Usage Per Week, Add	*583.89*	
		For >80 Hours Usage Per Week, Add	*1,167.78*	
01 22 23 00-1023	MO	156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	3,882.47	
		For >160 To 320 Hours Usage Per Month, Add	*1,552.99*	
		For >320 Hours Usage Per Month, Add	*3,105.98*	
		For >6 Months (>26 Weeks), Deduct	*-155.30*	
01 22 23 00-1024	DAY	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	758.25	
		For >8 To 16 Hours Usage Per Day, Add	*303.30*	
		For >16 To 24 Hours Usage Per Day, Add	*606.60*	
01 22 23 00-1025	WK	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	2,029.43	
		For >40 To 80 Hours Usage Per Week, Add	*811.77*	
		For >80 Hours Usage Per Week, Add	*1,623.54*	
01 22 23 00-1026	MO	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	5,429.38	
		For >160 To 320 Hours Usage Per Month, Add	*2,171.75*	
		For >320 Hours Usage Per Month, Add	*4,343.50*	
		For >6 Months (>26 Weeks), Deduct	*-217.18*	
01 22 23 00-1027	DAY	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	981.26	
		For >8 To 16 Hours Usage Per Day, Add	*392.50*	
		For >16 To 24 Hours Usage Per Day, Add	*785.01*	
01 22 23 00-1028	WK	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	2,505.87	
		For >40 To 80 Hours Usage Per Week, Add	*1,002.35*	
		For >80 Hours Usage Per Week, Add	*2,004.70*	
01 22 23 00-1029	MO	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	7,359.46	
		For >160 To 320 Hours Usage Per Month, Add	*2,943.78*	
		For >320 Hours Usage Per Month, Add	*5,887.57*	
		For >6 Months (>26 Weeks), Deduct	*-294.38*	

01 22 23 00-1030 Diesel Powered Portable High Head Trash Pumps *(01 22 23 00-0992)*

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-1031	DAY	27,000 GPH, 3" Suction, 3" Discharge, 300' Maximum Head, Diesel Powered Portable High Head Trash Pump	486.58	
		For >8 To 16 Hours Usage Per Day, Add	*194.63*	
		For >16 To 24 Hours Usage Per Day, Add	*389.26*	
01 22 23 00-1032	WK	27,000 GPH, 3" Suction, 3" Discharge, 300' Maximum Head, Diesel Powered Portable High Head Trash Pump	1,094.80	
		For >40 To 80 Hours Usage Per Week, Add	*437.92*	
		For >80 Hours Usage Per Week, Add	*875.84*	
01 22 23 00-1033	MO	27,000 GPH, 3" Suction, 3" Discharge, 300' Maximum Head, Diesel Powered Portable High Head Trash Pump	2,919.46	
		For >160 To 320 Hours Usage Per Month, Add	*1,167.78*	
		For >320 Hours Usage Per Month, Add	*2,335.57*	
		For >6 Months (>26 Weeks), Deduct	*-116.78*	
01 22 23 00-1034	DAY	90,000 GPH, 6" Suction, 4" Discharge, 330' Maximum Head, Diesel Powered Portable High Head Trash Pump	729.86	
		For >8 To 16 Hours Usage Per Day, Add	*291.94*	
		For >16 To 24 Hours Usage Per Day, Add	*583.89*	
01 22 23 00-1035	WK	90,000 GPH, 6" Suction, 4" Discharge, 330' Maximum Head, Diesel Powered Portable High Head Trash Pump	1,952.39	
		For >40 To 80 Hours Usage Per Week, Add	*780.96*	
		For >80 Hours Usage Per Week, Add	*1,561.91*	
01 22 23 00-1036	MO	90,000 GPH, 6" Suction, 4" Discharge, 330' Maximum Head, Diesel Powered Portable High Head Trash Pump	5,473.98	
		For >160 To 320 Hours Usage Per Month, Add	*2,189.59*	
		For >320 Hours Usage Per Month, Add	*4,379.18*	
		For >6 Months (>26 Weeks), Deduct	*-218.96*	
01 22 23 00-1037	DAY	135,000 GPH, 8" Suction, 6" Discharge, 320' Maximum Head, Diesel Powered Portable High Head Trash Pump	892.06	
		For >8 To 16 Hours Usage Per Day, Add	*356.82*	
		For >16 To 24 Hours Usage Per Day, Add	*713.65*	
		For Half Day Usage, Deduct	*-278.77*	
01 22 23 00-1038	WK	135,000 GPH, 8" Suction, 6" Discharge, 320' Maximum Head, Diesel Powered Portable High Head Trash Pump	2,007.13	
		For >40 To 80 Hours Usage Per Week, Add	*802.85*	
		For >80 Hours Usage Per Week, Add	*1,605.70*	
01 22 23 00-1039	MO	135,000 GPH, 8" Suction, 6" Discharge, 320' Maximum Head, Diesel Powered Portable High Head Trash Pump	5,352.34	
		For >160 To 320 Hours Usage Per Month, Add	*2,140.94*	
		For >320 Hours Usage Per Month, Add	*4,281.87*	
		For >6 Months (>26 Weeks), Deduct	*-214.09*	

01 22 23 00-1040 Diesel Powered Portable Silenced Environmental Trash Pumps *(01 22 23 00-0992)*

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-1041	DAY	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	521.04	
		For >8 To 16 Hours Usage Per Day, Add	*208.42*	
		For >16 To 24 Hours Usage Per Day, Add	*416.83*	
01 22 23 00-1042	WK	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	1,186.03	
		For >40 To 80 Hours Usage Per Week, Add	*474.41*	
		For >80 Hours Usage Per Week, Add	*948.82*	
01 22 23 00-1043	MO	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	3,697.98	
		For >160 To 320 Hours Usage Per Month, Add	*1,479.19*	
		For >320 Hours Usage Per Month, Add	*2,958.38*	
		For >6 Months (>26 Weeks), Deduct	*-147.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1044	DAY	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	638.63	
		For >8 To 16 Hours Usage Per Day, Add	*255.45*	
		For >16 To 24 Hours Usage Per Day, Add	*510.90*	
01 22 23 00-1045	WK	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	1,591.51	
		For >40 To 80 Hours Usage Per Week, Add	*636.60*	
		For >80 Hours Usage Per Week, Add	*1,273.21*	
01 22 23 00-1046	MO	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	4,328.50	
		For >160 To 320 Hours Usage Per Month, Add	*1,731.40*	
		For >320 Hours Usage Per Month, Add	*3,462.80*	
		For >6 Months (>26 Weeks), Deduct	*-173.14*	
01 22 23 00-1047	DAY	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	770.41	
		For >8 To 16 Hours Usage Per Day, Add	*308.16*	
		For >16 To 24 Hours Usage Per Day, Add	*616.33*	
01 22 23 00-1048	WK	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	2,278.80	
		For >40 To 80 Hours Usage Per Week, Add	*911.52*	
		For >80 Hours Usage Per Week, Add	*1,823.04*	
01 22 23 00-1049	MO	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	6,355.90	
		For >160 To 320 Hours Usage Per Month, Add	*2,542.36*	
		For >320 Hours Usage Per Month, Add	*5,084.72*	
		For >6 Months (>26 Weeks), Deduct	*-254.24*	
01 22 23 00-1050	DAY	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	1,159.67	
		For >8 To 16 Hours Usage Per Day, Add	*463.87*	
		For >16 To 24 Hours Usage Per Day, Add	*927.74*	
01 22 23 00-1051	WK	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	2,962.03	
		For >40 To 80 Hours Usage Per Week, Add	*1,184.81*	
		For >80 Hours Usage Per Week, Add	*2,369.62*	
01 22 23 00-1052	MO	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	8,697.55	
		For >160 To 320 Hours Usage Per Month, Add	*3,479.02*	
		For >320 Hours Usage Per Month, Add	*6,958.04*	
		For >6 Months (>26 Weeks), Deduct	*-347.90*	

01 22 23 00-1053 3 Phase Electric Submersible Pumps *(01 22 23 00-0992)*

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-1054	DAY	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	202.74	
01 22 23 00-1055	WK	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	506.85	
01 22 23 00-1056	MO	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	1,520.55	
		For >6 Months (>26 Weeks), Deduct	*-60.82*	
01 22 23 00-1057	DAY	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	267.62	
01 22 23 00-1058	WK	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	669.04	
01 22 23 00-1059	MO	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	2,007.13	
		For >6 Months (>26 Weeks), Deduct	*-80.29*	

01 22 23 00-1060 Suction Hose With Couplings *(01 22 23 00-0992)*

Note: Includes delivery, set-up, and removal.

01 22 23 00-1061	DAY	Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	6.43	
		For Half Day Usage, Deduct	*-2.01*	
01 22 23 00-1062	WK	Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	16.08	
01 22 23 00-1063	MO	Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	49.32	
		For >6 Months (>26 Weeks), Deduct	*-1.97*	
01 22 23 00-1064	DAY	3" Inside Diameter, 20' Length, Suction Hose With Couplings	17.15	
		For Half Day Usage, Deduct	*-5.36*	
01 22 23 00-1065	WK	3" Inside Diameter, 20' Length, Suction Hose With Couplings	43.96	
01 22 23 00-1066	MO	3" Inside Diameter, 20' Length, Suction Hose With Couplings	134.01	
		For >6 Months (>26 Weeks), Deduct	*-5.36*	
01 22 23 00-1067	DAY	4" Inside Diameter, 20' Length, Suction Hose With Couplings	25.73	
		For Half Day Usage, Deduct	*-8.04*	
01 22 23 00-1068	WK	4" Inside Diameter, 20' Length, Suction Hose With Couplings	65.40	
01 22 23 00-1069	MO	4" Inside Diameter, 20' Length, Suction Hose With Couplings	198.34	
		For >6 Months (>26 Weeks), Deduct	*-7.93*	
01 22 23 00-1070	DAY	6" Inside Diameter, 20' Length, Suction Hose With Couplings	32.16	
		For Half Day Usage, Deduct	*-10.05*	
01 22 23 00-1071	WK	6" Inside Diameter, 20' Length, Suction Hose With Couplings	80.41	
01 22 23 00-1072	MO	6" Inside Diameter, 20' Length, Suction Hose With Couplings	235.86	
		For >6 Months (>26 Weeks), Deduct	*-9.43*	
01 22 23 00-1073	DAY	10" Inside Diameter, 20' Length, Suction Hose With Couplings	75.05	
		For Half Day Usage, Deduct	*-23.45*	
01 22 23 00-1074	WK	10" Inside Diameter, 20' Length, Suction Hose With Couplings	192.98	
01 22 23 00-1075	MO	10" Inside Diameter, 20' Length, Suction Hose With Couplings	568.21	
		For >6 Months (>26 Weeks), Deduct	*-22.73*	
01 22 23 00-1076	DAY	12" Inside Diameter, 20' Length, Suction Hose With Couplings	100.78	
		For Half Day Usage, Deduct	*-31.49*	
01 22 23 00-1077	WK	12" Inside Diameter, 20' Length, Suction Hose With Couplings	219.78	
01 22 23 00-1078	MO	12" Inside Diameter, 20' Length, Suction Hose With Couplings	659.34	
		For >6 Months (>26 Weeks), Deduct	*-26.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1079		**Discharge Hose With Couplings** *(01 22 23 00-0992)* Note: Includes delivery, set-up, and removal.		
01 22 23 00-1080	DAY	1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	6.43	
		For Half Day Usage, Deduct	*-2.01*	
01 22 23 00-1081	WK	1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	16.08	
01 22 23 00-1082	MO	1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	49.32	
		For >6 Months (>26 Weeks), Deduct	*-1.97*	
01 22 23 00-1083	DAY	2" Inside Diameter, 50' Length, Discharge Hose With Couplings	7.50	
		For Half Day Usage, Deduct	*-2.34*	
01 22 23 00-1084	WK	2" Inside Diameter, 50' Length, Discharge Hose With Couplings	18.23	
01 22 23 00-1085	MO	2" Inside Diameter, 50' Length, Discharge Hose With Couplings	56.82	
		For >6 Months (>26 Weeks), Deduct	*-2.27*	
01 22 23 00-1086	DAY	3" Inside Diameter, 50' Length, Discharge Hose With Couplings	8.58	
		For Half Day Usage, Deduct	*-2.68*	
01 22 23 00-1087	WK	3" Inside Diameter, 50' Length, Discharge Hose With Couplings	21.44	
01 22 23 00-1088	MO	3" Inside Diameter, 50' Length, Discharge Hose With Couplings	65.40	
		For >6 Months (>26 Weeks), Deduct	*-2.62*	
01 22 23 00-1089	DAY	4" Inside Diameter, 50' Length, Discharge Hose With Couplings	22.51	
		For Half Day Usage, Deduct	*-7.03*	
01 22 23 00-1090	WK	4" Inside Diameter, 50' Length, Discharge Hose With Couplings	57.89	
01 22 23 00-1091	MO	4" Inside Diameter, 50' Length, Discharge Hose With Couplings	166.18	
		For >6 Months (>26 Weeks), Deduct	*-6.65*	
01 22 23 00-1092	DAY	6" Inside Diameter, 50' Length, Discharge Hose With Couplings	27.87	
		For Half Day Usage, Deduct	*-8.71*	
01 22 23 00-1093	WK	6" Inside Diameter, 50' Length, Discharge Hose With Couplings	76.12	
01 22 23 00-1094	MO	6" Inside Diameter, 50' Length, Discharge Hose With Couplings	209.06	
		For >6 Months (>26 Weeks), Deduct	*-8.36*	
01 22 23 00-1095	DAY	10" Inside Diameter, 10' Length, Discharge Hose With Couplings	21.44	
		For Half Day Usage, Deduct	*-6.70*	
01 22 23 00-1096	WK	10" Inside Diameter, 10' Length, Discharge Hose With Couplings	53.60	
01 22 23 00-1097	MO	10" Inside Diameter, 10' Length, Discharge Hose With Couplings	160.82	
		For >6 Months (>26 Weeks), Deduct	*-6.43*	
01 22 23 00-1098	DAY	12" Inside Diameter, 10' Length, Discharge Hose With Couplings	54.68	
		For Half Day Usage, Deduct	*-17.09*	
01 22 23 00-1099	WK	12" Inside Diameter, 10' Length, Discharge Hose With Couplings	139.37	
01 22 23 00-1100	MO	12" Inside Diameter, 10' Length, Discharge Hose With Couplings	412.76	
		For >6 Months (>26 Weeks), Deduct	*-16.51*	
01 22 23 00-1101		**Hydraulic Submersible Pumps** *(01 22 23 00-0992)* Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1102		**Hydraulic Submersible Pumps** *(01 22 23 00-1101)* Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1103	DAY	60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	133.81	
		For >8 To 16 Hours Usage Per Day, Add	*53.52*	
		For >16 To 24 Hours Usage Per Day, Add	*107.05*	
01 22 23 00-1104	WK	60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	358.85	
		For >40 To 80 Hours Usage Per Week, Add	*143.54*	
		For >80 Hours Usage Per Week, Add	*287.08*	
01 22 23 00-1105	MO	60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	1,003.56	
		For >160 To 320 Hours Usage Per Month, Add	*401.42*	
		For >320 Hours Usage Per Month, Add	*802.85*	
		For >6 Months (>26 Weeks), Deduct	*-40.14*	
01 22 23 00-1106	DAY	132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	170.30	
		For >8 To 16 Hours Usage Per Day, Add	*68.12*	
		For >16 To 24 Hours Usage Per Day, Add	*136.24*	
01 22 23 00-1107	WK	132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	437.92	
		For >40 To 80 Hours Usage Per Week, Add	*175.17*	
		For >80 Hours Usage Per Week, Add	*350.34*	
01 22 23 00-1108	MO	132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	1,338.08	
		For >160 To 320 Hours Usage Per Month, Add	*535.23*	
		For >320 Hours Usage Per Month, Add	*1,070.46*	
		For >6 Months (>26 Weeks), Deduct	*-53.52*	
01 22 23 00-1109		**Hydraulic Submersible Pump Diesel Power Packs** *(01 22 23 00-1101)* Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1110	DAY	100 HP, Hydraulic Submersible Pump Diesel Power Pack	309.18	
		For >8 To 16 Hours Usage Per Day, Add	*123.67*	
		For >16 To 24 Hours Usage Per Day, Add	*247.34*	
01 22 23 00-1111	WK	100 HP, Hydraulic Submersible Pump Diesel Power Pack	922.47	
		For >40 To 80 Hours Usage Per Week, Add	*368.99*	
		For >80 Hours Usage Per Week, Add	*737.98*	
01 22 23 00-1112	MO	100 HP, Hydraulic Submersible Pump Diesel Power Pack	2,432.88	
		For >160 To 320 Hours Usage Per Month, Add	*973.15*	
		For >320 Hours Usage Per Month, Add	*1,946.30*	
		For >6 Months (>26 Weeks), Deduct	*-97.32*	
01 22 23 00-1113		**HDPE Pipe With Couplings** *(01 22 23 00-0992)* Note: Includes delivery, set-up, and removal.		
01 22 23 00-1114	DAY	4" Diameter x 50' Length, HDPE Pipe With Couplings	21.52	
		For Half Day Usage, Deduct	*-6.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1115	WK	4" Diameter x 50' Length, HDPE Pipe With Couplings	51.64	
01 22 23 00-1116	MO	4" Diameter x 50' Length, HDPE Pipe With Couplings	159.24	
		For >6 Months (>26 Weeks), Deduct	*-6.37*	
01 22 23 00-1117	DAY	6" Diameter x 50' Length, HDPE Pipe With Couplings	34.43	
		For Half Day Usage, Deduct	*-10.76*	
01 22 23 00-1118	WK	6" Diameter x 50' Length, HDPE Pipe With Couplings	86.07	
01 22 23 00-1119	MO	6" Diameter x 50' Length, HDPE Pipe With Couplings	262.53	
		For >6 Months (>26 Weeks), Deduct	*-10.50*	
01 22 23 00-1120	DAY	8" Diameter x 50' Length, HDPE Pipe With Couplings	55.95	
		For Half Day Usage, Deduct	*-17.48*	
01 22 23 00-1121	WK	8" Diameter x 50' HDPE Length, HDPE With Couplings	146.33	
01 22 23 00-1122	MO	8" Diameter x 50' Length, HDPE Pipe With Couplings	434.67	
		For >6 Months (>26 Weeks), Deduct	*-17.39*	
01 22 23 00-1123	DAY	10" Diameter x 50' Length, HDPE Pipe With Couplings	68.86	
		For Half Day Usage, Deduct	*-21.52*	
01 22 23 00-1124	WK	10" Diameter x 50' Length, HDPE Pipe With Couplings	176.45	
01 22 23 00-1125	MO	10" Diameter x 50' Length, HDPE Pipe With Couplings	537.96	
		For >6 Months (>26 Weeks), Deduct	*-21.52*	
01 22 23 00-1126	DAY	12" Diameter x 20' Length, HDPE Pipe With Couplings	51.64	
		For Half Day Usage, Deduct	*-16.14*	
01 22 23 00-1127	WK	12" Diameter x 20' Length, HDPE Pipe With Couplings	142.02	
01 22 23 00-1128	MO	12" Diameter x 20' Length, HDPE Pipe With Couplings	430.37	
		For >6 Months (>26 Weeks), Deduct	*-17.21*	
01 22 23 00-1129	DAY	4" Diameter Elbow For HDPE Pipe, Quick Connect	51.64	
		For Half Day Usage, Deduct	*-16.14*	
01 22 23 00-1130	WK	4" Diameter Elbow For HDPE Pipe, Quick Connect	133.41	
01 22 23 00-1131	MO	4" Diameter Elbow For HDPE Pipe, Quick Connect	395.94	
		For >6 Months (>26 Weeks), Deduct	*-15.84*	
01 22 23 00-1132	DAY	6" Diameter Elbow For HDPE Pipe, Quick Connect	60.25	
		For Half Day Usage, Deduct	*-18.83*	
01 22 23 00-1133	WK	6" Diameter Elbow For HDPE Pipe, Quick Connect	154.93	
01 22 23 00-1134	MO	6" Diameter Elbow For HDPE Pipe, Quick Connect	473.41	
		For >6 Months (>26 Weeks), Deduct	*-18.94*	
01 22 23 00-1135	DAY	8" Diameter Elbow For HDPE Pipe, Quick Connect	68.86	
		For Half Day Usage, Deduct	*-21.52*	
01 22 23 00-1136	WK	8" Diameter Elbow For HDPE Pipe, Quick Connect	176.45	
01 22 23 00-1137	MO	8" Diameter Elbow For HDPE Pipe, Quick Connect	537.96	
		For >6 Months (>26 Weeks), Deduct	*-21.52*	
01 22 23 00-1138	DAY	10" Diameter Elbow For HDPE Pipe, Quick Connect	86.07	
		For Half Day Usage, Deduct	*-26.90*	
01 22 23 00-1139	WK	10" Diameter Elbow For HDPE Pipe, Quick Connect	219.49	
01 22 23 00-1140	MO	10" Diameter Elbow For HDPE Pipe, Quick Connect	667.07	
		For >6 Months (>26 Weeks), Deduct	*-26.68*	
01 22 23 00-1141	DAY	12" Diameter Elbow For HDPE Pipe, Quick Connect	86.07	
		For Half Day Usage, Deduct	*-26.90*	
01 22 23 00-1142	WK	12" Diameter Elbow For HDPE Pipe, Quick Connect	219.49	
01 22 23 00-1143	MO	12" Diameter Elbow For HDPE Pipe, Quick Connect	667.07	
		For >6 Months (>26 Weeks), Deduct	*-26.68*	
01 22 23 00-1144	DAY	4" Diameter Tee For HDPE Pipe, Quick Connect	51.64	
		For Half Day Usage, Deduct	*-16.14*	
01 22 23 00-1145	WK	4" Diameter Tee For HDPE Pipe, Quick Connect	133.41	
01 22 23 00-1146	MO	4" Diameter Tee For HDPE Pipe, Quick Connect	395.94	
		For >6 Months (>26 Weeks), Deduct	*-15.84*	
01 22 23 00-1147	DAY	6" Diameter Tee For HDPE Pipe, Quick Connect	68.86	
		For Half Day Usage, Deduct	*-21.52*	
01 22 23 00-1148	WK	6" Diameter Tee For HDPE Pipe, Quick Connect	176.45	
01 22 23 00-1149	MO	6" Diameter Tee For HDPE Pipe, Quick Connect	537.96	
		For >6 Months (>26 Weeks), Deduct	*-21.52*	
01 22 23 00-1150	DAY	8" Diameter Tee For HDPE Pipe, Quick Connect	86.07	
		For Half Day Usage, Deduct	*-26.90*	
01 22 23 00-1151	WK	8" Diameter Tee For HDPE Pipe, Quick Connect	219.49	
01 22 23 00-1152	MO	8" Diameter Tee For HDPE Pipe, Quick Connect	667.07	
		For >6 Months (>26 Weeks), Deduct	*-26.68*	
01 22 23 00-1153	DAY	10" Diameter Tee For HDPE Pipe, Quick Connect	103.29	
		For Half Day Usage, Deduct	*-32.28*	
01 22 23 00-1154	WK	10" Diameter Tee For HDPE Pipe, Quick Connect	262.53	
01 22 23 00-1155	MO	10" Diameter Tee For HDPE Pipe, Quick Connect	796.18	
		For >6 Months (>26 Weeks), Deduct	*-31.85*	
01 22 23 00-1156	DAY	12" Diameter Tee For HDPE Pipe, Quick Connect	103.29	
		For Half Day Usage, Deduct	*-32.28*	
01 22 23 00-1157	WK	12" Diameter Tee For HDPE Pipe, Quick Connect	262.53	
01 22 23 00-1158	MO	12" Diameter Tee For HDPE Pipe, Quick Connect	796.18	
		For >6 Months (>26 Weeks), Deduct	*-31.85*	
01 22 23 00-1159	DAY	4" Diameter Cap For HDPE Pipe, Quick Connect	8.61	
		For Half Day Usage, Deduct	*-2.69*	
01 22 23 00-1160	WK	4" Diameter Cap For HDPE Pipe, Quick Connect	25.82	
01 22 23 00-1161	MO	4" Diameter Cap For HDPE Pipe, Quick Connect	77.47	
		For >6 Months (>26 Weeks), Deduct	*-3.10*	
01 22 23 00-1162	DAY	6" Diameter Cap For HDPE Pipe, Quick Connect	8.61	
		For Half Day Usage, Deduct	*-2.69*	
01 22 23 00-1163	WK	6" Diameter Cap For HDPE Pipe, Quick Connect	25.82	
01 22 23 00-1164	MO	6" Diameter Cap For HDPE Pipe, Quick Connect	77.47	
		For >6 Months (>26 Weeks), Deduct	*-3.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1165	DAY	8" Diameter Cap For HDPE Pipe, Quick Connect	8.61	
		For Half Day Usage, Deduct	*-2.69*	
01 22 23 00-1166	WK	8" Diameter Cap For HDPE Pipe, Quick Connect	25.82	
01 22 23 00-1167	MO	8" Diameter Cap For HDPE Pipe, Quick Connect	77.47	
		For >6 Months (>26 Weeks), Deduct	*-3.10*	
01 22 23 00-1168	DAY	10" Diameter Cap For HDPE Pipe, Quick Connect	8.61	
		For Half Day Usage, Deduct	*-2.69*	
01 22 23 00-1169	WK	10" Diameter Cap For HDPE Pipe, Quick Connect	25.82	
01 22 23 00-1170	MO	10" Diameter Cap For HDPE Pipe, Quick Connect	77.47	
		For >6 Months (>26 Weeks), Deduct	*-3.10*	
01 22 23 00-1171	DAY	12" Diameter Cap For HDPE Pipe, Quick Connect	8.61	
		For Half Day Usage, Deduct	*-2.69*	
01 22 23 00-1172	WK	12" Diameter Cap For HDPE Pipe, Quick Connect	25.82	
01 22 23 00-1173	MO	12" Diameter Cap For HDPE Pipe, Quick Connect	77.47	
		For >6 Months (>26 Weeks), Deduct	*-3.10*	
01 22 23 00-1174	DAY	4" Diameter Wye For HDPE Pipe, Quick Connect	25.82	
		For Half Day Usage, Deduct	*-8.07*	
01 22 23 00-1175	WK	4" Diameter Wye For HDPE Pipe, Quick Connect	64.56	
01 22 23 00-1176	MO	4" Diameter Wye For HDPE Pipe, Quick Connect	197.97	
		For >6 Months (>26 Weeks), Deduct	*-7.92*	
01 22 23 00-1177	DAY	6" Diameter Wye For HDPE Pipe, Quick Connect	30.13	
		For Half Day Usage, Deduct	*-9.42*	
01 22 23 00-1178	WK	6" Diameter Wye For HDPE Pipe, Quick Connect	77.47	
01 22 23 00-1179	MO	6" Diameter Wye For HDPE Pipe, Quick Connect	236.70	
		For >6 Months (>26 Weeks), Deduct	*-9.47*	
01 22 23 00-1180	DAY	8" Diameter Wye For HDPE Pipe, Quick Connect	51.64	
		For Half Day Usage, Deduct	*-16.14*	
01 22 23 00-1181	WK	8" Diameter Wye For HDPE Pipe, Quick Connect	133.41	
01 22 23 00-1182	MO	8" Diameter Wye For HDPE Pipe, Quick Connect	395.94	
		For >6 Months (>26 Weeks), Deduct	*-15.84*	
01 22 23 00-1183	DAY	10" Diameter Wye For HDPE Pipe, Quick Connect	77.47	
		For Half Day Usage, Deduct	*-24.21*	
01 22 23 00-1184	WK	10" Diameter Wye For HDPE Pipe, Quick Connect	197.97	
01 22 23 00-1185	MO	10" Diameter Wye For HDPE Pipe, Quick Connect	602.52	
		For >6 Months (>26 Weeks), Deduct	*-24.10*	
01 22 23 00-1186	DAY	12" Diameter Wye For HDPE Pipe, Quick Connect	77.47	
		For Half Day Usage, Deduct	*-24.21*	
01 22 23 00-1187	WK	12" Diameter Wye For HDPE Pipe, Quick Connect	197.97	
01 22 23 00-1188	MO	12" Diameter Wye For HDPE Pipe, Quick Connect	602.52	
		For >6 Months (>26 Weeks), Deduct	*-24.10*	

01 22 23 00-1189 Temporary Building Services *(01 22 23)*

01 22 23 00-1190 Boilers *(01 22 23 00-1189)*

Note: Excludes operator, delivery, set-up, and removal.

01 22 23 00-1191 Electric Boilers *(01 22 23 00-1190)*

01 22 23 00-1192	MO	40 MBH, 12 KW Electric Boiler Rental	2,882.75
01 22 23 00-1193	MO	60 MBH, 20 KW Electric Boiler Rental	3,144.86
01 22 23 00-1194	MO	95 MBH, 30 KW Electric Boiler Rental	3,275.92
01 22 23 00-1195	MO	135 MBH, 40 KW Electric Boiler Rental	3,668.96
01 22 23 00-1196	MO	165 MBH, 50 KW Electric Boiler Rental	5,110.33
01 22 23 00-1197	MO	215 MBH, 60 KW Electric Boiler Rental	5,896.56
01 22 23 00-1198	MO	365 MBH, 100 KW Electric Boiler Rental	7,731.10
01 22 23 00-1199	MO	510 MBH, 150 KW Electric Boiler Rental	9,434.58

01 22 23 00-1200 Oil Fired Hot Water Boilers *(01 22 23 00-1190)*

01 22 23 00-1201	MO	500 MBH, 15 HP, Oil Fired Hot Water Boiler Rental	2,536.21
01 22 23 00-1202	MO	1,000 MBH, 30 HP, Oil Fired Hot Water Boiler Rental	3,099.15
01 22 23 00-1203	MO	1,500 MBH, 45 HP, Oil Fired Hot Water Boiler Rental	3,663.41
01 22 23 00-1204	MO	2,000 MBH, 60 HP, Oil Fired Hot Water Boiler Rental	4,227.03
01 22 23 00-1205	MO	2,500 MBH, 75 HP, Oil Fired Hot Water Boiler Rental	4,790.64
01 22 23 00-1206	MO	3,000 MBH, 90 HP, Oil Fired Hot Water Boiler Rental	5,354.22
01 22 23 00-1207	MO	3,500 MBH, 105 HP, Oil Fired Hot Water Boiler Rental	6,763.23
01 22 23 00-1208	MO	4,000 MBH, 120 HP, Oil Fired Hot Water Boiler Rental	7,890.44
01 22 23 00-1209	MO	4,500 MBH, 135 HP, Oil Fired Hot Water Boiler Rental	7,980.11
01 22 23 00-1210	MO	5,000 MBH, 150 HP, Oil Fired Hot Water Boiler Rental	8,069.77
01 22 23 00-1211	MO	5,500 MBH, 165 HP, Oil Fired Hot Water Boiler Rental	8,454.04
01 22 23 00-1212	MO	6,000 MBH, 180 HP, Oil Fired Hot Water Boiler Rental	8,966.40
01 22 23 00-1213	MO	6,500 MBH, 195 HP, Oil Fired Hot Water Boiler Rental	9,478.77
01 22 23 00-1214	MO	7,000 MBH, 210 HP, Oil Fired Hot Water Boiler Rental	9,991.14
01 22 23 00-1215	MO	7,500 MBH, 225 HP, Oil Fired Hot Water Boiler Rental	10,503.51
01 22 23 00-1216	MO	8,000 MBH, 240 HP, Oil Fired Hot Water Boiler Rental	11,015.87
01 22 23 00-1217	MO	8,500 MBH, 255 HP, Oil Fired Hot Water Boiler Rental	11,528.24
01 22 23 00-1218	MO	9,000 MBH, 270 HP, Oil Fired Hot Water Boiler Rental	12,040.61
01 22 23 00-1219	MO	9,500 MBH, 285 HP, Oil Fired Hot Water Boiler Rental	12,552.97
01 22 23 00-1220	MO	10,000 MBH, 300 HP, Oil Fired Hot Water Boiler Rental	13,065.34
01 22 23 00-1221	MO	10,500 MBH, 315 HP, Oil Fired Hot Water Boiler Rental	13,577.71
01 22 23 00-1222	MO	11,000 MBH, 330 HP, Oil Fired Hot Water Boiler Rental	14,090.08
01 22 23 00-1223	MO	11,500 MBH, 345 HP, Oil Fired Hot Water Boiler Rental	14,602.44
01 22 23 00-1224	MO	12,000 MBH, 360 HP, Oil Fired Hot Water Boiler Rental	15,114.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1225	MO	12,500 MBH, 375 HP, Oil Fired Hot Water Boiler Rental	15,627.18	
01 22 23 00-1226	MO	13,000 MBH, 390 HP, Oil Fired Hot Water Boiler Rental	16,139.54	
01 22 23 00-1227	MO	13,500 MBH, 405 HP, Oil Fired Hot Water Boiler Rental	16,651.90	
01 22 23 00-1228	MO	14,000 MBH, 420 HP, Oil Fired Hot Water Boiler Rental	17,164.26	
01 22 23 00-1229	MO	14,500 MBH, 435 HP, Oil Fired Hot Water Boiler Rental	17,676.63	
01 22 23 00-1230	MO	15,000 MBH, 450 HP, Oil Fired Hot Water Boiler Rental	18,189.00	
01 22 23 00-1231	MO	15,500 MBH, 465 HP, Oil Fired Hot Water Boiler Rental	18,701.37	
01 22 23 00-1232	MO	16,000 MBH, 480 HP, Oil Fired Hot Water Boiler Rental	19,213.73	
01 22 23 00-1233	MO	16,500 MBH, 495 HP, Oil Fired Hot Water Boiler Rental	19,726.10	
01 22 23 00-1234	MO	17,000 MBH, 510 HP, Oil Fired Hot Water Boiler Rental	20,238.47	

01 22 23 00-1235 Boilers Set-up *(01 22 23 00-1190)*

01 22 23 00-1236	EA	Set-up Charge For Rental Boiler Note: Includes delivery, setup, installation, startup, commissioning, decommissioning, and pickup. Excludes piping and electrical hookup. Excludes crane.	8,211.48	

01 22 23 00-1237 Chillers *(01 22 23 00-1189)*

Note: Excludes operator, delivery, set-up, and removal.

01 22 23 00-1238 Air-Cooled Chillers *(01 22 23 00-1237)*

01 22 23 00-1239	MO	25 Ton Air-Cooled Chiller Rental	2,552.14	
		For >3 To 6 Month Rental, Deduct	*-382.82*	
		For >6 Months (>26 Weeks), Deduct	*-638.04*	
01 22 23 00-1240	MO	40 Ton Air-Cooled Chiller Rental	4,083.43	
		For >3 To 6 Month Rental, Deduct	*-612.51*	
		For >6 Months (>26 Weeks), Deduct	*-1,020.86*	
01 22 23 00-1241	MO	60 Ton Air-Cooled Chiller Rental	4,994.49	
		For >3 To 6 Month Rental, Deduct	*-749.17*	
		For >6 Months (>26 Weeks), Deduct	*-1,248.62*	
01 22 23 00-1242	MO	80 Ton Air-Cooled Chiller Rental	5,905.56	
		For >3 To 6 Month Rental, Deduct	*-885.83*	
		For >6 Months (>26 Weeks), Deduct	*-1,476.39*	
01 22 23 00-1243	MO	100 Ton Air-Cooled Chiller Rental	6,816.62	
		For >3 To 6 Month Rental, Deduct	*-1,022.49*	
		For >6 Months (>26 Weeks), Deduct	*-1,704.16*	
01 22 23 00-1244	MO	125 Ton Air-Cooled Chiller Rental	7,897.19	
		For >3 To 6 Month Rental, Deduct	*-1,184.58*	
		For >6 Months (>26 Weeks), Deduct	*-1,974.30*	
01 22 23 00-1245	MO	155 Ton Air-Cooled Chiller Rental	9,553.67	
		For >3 To 6 Month Rental, Deduct	*-1,433.05*	
		For >6 Months (>26 Weeks), Deduct	*-2,388.42*	
01 22 23 00-1246	MO	170 Ton Air-Cooled Chiller Rental	10,216.26	
		For >3 To 6 Month Rental, Deduct	*-1,532.44*	
		For >6 Months (>26 Weeks), Deduct	*-2,554.07*	
01 22 23 00-1247	MO	200 Ton Air-Cooled Chiller Rental	11,735.99	
		For >3 To 6 Month Rental, Deduct	*-1,760.40*	
		For >6 Months (>26 Weeks), Deduct	*-2,934.00*	
01 22 23 00-1248	MO	250 Ton Air-Cooled Chiller Rental	13,964.54	
		For >3 To 6 Month Rental, Deduct	*-2,094.68*	
		For >6 Months (>26 Weeks), Deduct	*-3,491.14*	
01 22 23 00-1249	MO	300 Ton Air-Cooled Chiller Rental Note: Includes trailer.	16,295.18	
		For >3 To 6 Month Rental, Deduct	*-2,444.28*	
		For >6 Months (>26 Weeks), Deduct	*-4,073.80*	
01 22 23 00-1250	MO	400 Ton Air-Cooled Chiller Rental Note: Includes trailer, pump and 200' of 6" hose.	21,495.77	
		For >3 To 6 Month Rental, Deduct	*-3,224.37*	
		For >6 Months (>26 Weeks), Deduct	*-5,373.94*	
01 22 23 00-1251	MO	500 Ton Air-Cooled Chiller Rental Note: Includes trailer, pump and 200' of 6" hose.	26,607.75	
		For >3 To 6 Month Rental, Deduct	*-3,991.16*	
		For >6 Months (>26 Weeks), Deduct	*-6,651.94*	
01 22 23 00-1252	EA	Set-up Charge For Air-Cooled Chiller Rental Unit Note: Includes delivery, setup, installation, refrigerant charge, startup, commissioning, decommissioning, recovery of refrigerant and pickup. Excludes piping and electrical hookup. Excludes crane if off-loaded.	5,707.98	

01 22 23 00-1253 Chiller Rental Accessories *(01 22 23 00-1237)*

01 22 23 00-1254	MO	4" x 25' Flexible Water Hose For Chiller Rental	45.48	
01 22 23 00-1255	MO	6" x 25' Flexible Water Hose For Chiller Rental	56.84	

01 22 23 00-1256 Emergency Cooler/Freezer *(01 22 23 00-1189)*

Note: Excludes utility connection, delivery, set-up, and removal. Cooler 115 Volt or 230 Volt, freezer 208/230 Volt, combo 115 Volt or 230 Volt.

01 22 23 00-1257	DAY	8 x 6 x 7 Emergency Cooler Rental	148.51	
		For Half Day Usage, Deduct	*-46.41*	
01 22 23 00-1258	WK	8 x 6 x 7 Emergency Cooler Rental	792.04	
01 22 23 00-1259	DAY	10 x 7 x 7 Emergency Cooler Rental	297.02	
		For Half Day Usage, Deduct	*-92.82*	
01 22 23 00-1260	WK	10 x 7 x 7 Emergency Cooler Rental	1,188.06	
01 22 23 00-1261	MO	10 x 7 x 7 Emergency Cooler Rental	2,970.15	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1262	DAY	10 x 7 x 7 Emergency Freezer Rental	346.52	
		For Half Day Usage, Deduct	*-108.29*	
01 22 23 00-1263	WK	10 x 7 x 7 Emergency Freezer Rental	1,386.07	
01 22 23 00-1264	MO	10 x 7 x 7 Emergency Freezer Rental	3,564.18	
01 22 23 00-1265	DAY	6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental	396.02	
		For Half Day Usage, Deduct	*-123.76*	
01 22 23 00-1266	WK	6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental	1,584.08	
01 22 23 00-1267	MO	6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental	3,960.20	

01 22 23 00-1268 Portable Spot Cooling Units *(01 22 23 00-1189)*

Note: Includes up to 20' duct. Excludes operator, delivery, set-up, and removal.

01 22 23 00-1269	DAY	1 Ton Portable Spot Cooling Unit	147.20	
		For Half Day Usage, Deduct	*-46.00*	
01 22 23 00-1270	WK	1 Ton Portable Spot Cooling Unit	318.94	
01 22 23 00-1271	MO	1 Ton Portable Spot Cooling Unit	753.94	
		For >6 Months (>26 Weeks), Deduct	*-30.16*	
01 22 23 00-1272	DAY	1.5 Ton Portable Spot Cooling Unit	192.49	
		For Half Day Usage, Deduct	*-60.15*	
01 22 23 00-1273	WK	1.5 Ton Portable Spot Cooling Unit	395.37	
01 22 23 00-1274	MO	1.5 Ton Portable Spot Cooling Unit	927.56	
		For >6 Months (>26 Weeks), Deduct	*-37.10*	
01 22 23 00-1275	DAY	2 Ton Portable Spot Cooling Unit	259.49	
		For Half Day Usage, Deduct	*-81.09*	
01 22 23 00-1276	WK	2 Ton Portable Spot Cooling Unit	542.57	
01 22 23 00-1277	MO	2 Ton Portable Spot Cooling Unit	1,004.93	
		For >6 Months (>26 Weeks), Deduct	*-40.20*	
01 22 23 00-1278	DAY	3 Ton Portable Spot Cooling Unit	271.76	
		For Half Day Usage, Deduct	*-84.93*	
01 22 23 00-1279	WK	3 Ton Portable Spot Cooling Unit	575.60	
01 22 23 00-1280	MO	3 Ton Portable Spot Cooling Unit	1,271.97	
		For >6 Months (>26 Weeks), Deduct	*-50.88*	
01 22 23 00-1281	DAY	5 Ton Portable Spot Cooling Unit	424.62	
		For Half Day Usage, Deduct	*-132.69*	
01 22 23 00-1282	WK	5 Ton Portable Spot Cooling Unit	858.68	
01 22 23 00-1283	MO	5 Ton Portable Spot Cooling Unit	1,784.35	
		For >6 Months (>26 Weeks), Deduct	*-71.37*	
01 22 23 00-1284	DAY	10 To 12 Ton Portable Spot Cooling Unit	554.84	
		For Half Day Usage, Deduct	*-173.39*	
01 22 23 00-1285	WK	10 To 12 Ton Portable Spot Cooling Unit	1,250.27	
01 22 23 00-1286	MO	10 To 12 Ton Portable Spot Cooling Unit	3,017.63	
		For >6 Months (>26 Weeks), Deduct	*-120.71*	
01 22 23 00-1287	DAY	20 Ton Portable Spot Cooling Unit	636.93	
		For Half Day Usage, Deduct	*-199.04*	
01 22 23 00-1288	WK	20 Ton Portable Spot Cooling Unit	1,462.58	
01 22 23 00-1289	MO	20 Ton Portable Spot Cooling Unit	4,076.35	
		For >6 Months (>26 Weeks), Deduct	*-163.05*	
01 22 23 00-1290	DAY	25 Ton Portable Spot Cooling Unit	905.86	
		For Half Day Usage, Deduct	*-283.08*	
01 22 23 00-1291	WK	25 Ton Portable Spot Cooling Unit	1,835.30	
01 22 23 00-1292	MO	25 Ton Portable Spot Cooling Unit	4,269.79	
		For >6 Months (>26 Weeks), Deduct	*-170.79*	
01 22 23 00-1293	EA	Set-up Charge For Rental Of Up To 5 Ton Portable Spot Cooler Note: Includes delivery, setup, connection to power outlet and conncection to duct and removal. Excludes electrical wiring.	295.25	
01 22 23 00-1294	EA	Set-up Charge For Rental Of 10 To 15 Ton Portable Spot Cooler Note: Includes delivery, setup, connection to power outlet and conncection to duct and removal. Excludes electrical wiring.	676.50	
01 22 23 00-1295	EA	Set-up Charge For Rental Of 20 To 25 Ton Portable Spot Cooler Note: Includes delivery, setup, connection to power outlet and conncection to duct and removal. Excludes electrical wiring.	999.05	

01 22 23 00-1296 Fuel Oil Tank *(01 22 23 00-1189)*

Note: Excludes delivery to job site and pick-up when complete. Excludes 0ff-road fuel costs. See CSI section 01 22 23 00-0768 for reimbursable fuel fees.

01 22 23 00-1297	MO	100 Gallon Portable Double Wall Fuel Oil Tank Rental	438.74	
		For >6 Months (>26 Weeks), Deduct	*-17.55*	
01 22 23 00-1298	MO	275 Gallon Portable Double Wall Fuel Oil Tank Rental	682.48	
		For >6 Months (>26 Weeks), Deduct	*-27.30*	
01 22 23 00-1299	MO	500 Gallon Portable Double Wall Fuel Oil Tank Rental	1,706.20	
		For >6 Months (>26 Weeks), Deduct	*-68.25*	
01 22 23 00-1300	MO	1,000 Gallon Portable Double Wall Fuel Oil Tank Rental	2,843.66	
		For >6 Months (>26 Weeks), Deduct	*-113.75*	
01 22 23 00-1301	MO	2,300 Gallon Portable Double Wall Fuel Oil Tank Rental	3,753.63	
		For >6 Months (>26 Weeks), Deduct	*-150.15*	
01 22 23 00-1302	MO	5,000 Gallon Portable Double Wall Fuel Oil Tank Rental	6,705.63	
		For >6 Months (>26 Weeks), Deduct	*-268.23*	

01 22 23 00-1303 Truck And Trailer Equipment *(01 22 23)*

01 22 23 00-1304 Trucks *(01 22 23 00-1303)*

Note: Includes driver, delivery to job site and pick-up when complete.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 22 23 00-1305 Flat Bed Trucks *(01 22 23 00-1304)*

Note: Includes hydraulic tilt bed.

01 22 23 00-1306	DAY	1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	1,113.04	
		For Equipment Without Operator, Deduct	*-825.88*	
		For Half Day Usage, Deduct	*-502.68*	
01 22 23 00-1307	WK	1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	4,882.21	
		For Equipment Without Operator, Deduct	*-4,129.39*	
01 22 23 00-1308	MO	1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	19,795.46	
		For Equipment Without Operator, Deduct	*-17,894.02*	
		For >6 Months (>26 Weeks), Deduct	*-76.06*	
01 22 23 00-1309	DAY	3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	1,237.21	
		For Equipment Without Operator, Deduct	*-825.88*	
		For Half Day Usage, Deduct	*-541.48*	
01 22 23 00-1310	WK	3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	5,200.41	
		For Equipment Without Operator, Deduct	*-4,129.39*	
01 22 23 00-1311	MO	3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	20,610.37	
		For Equipment Without Operator, Deduct	*-17,894.02*	
		For >6 Months (>26 Weeks), Deduct	*-108.65*	
01 22 23 00-1312	DAY	6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	1,326.31	
		For Equipment Without Operator, Deduct	*-825.88*	
		For Half Day Usage, Deduct	*-569.32*	
01 22 23 00-1313	WK	6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	5,540.96	
		For Equipment Without Operator, Deduct	*-4,129.39*	
01 22 23 00-1314	MO	6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	21,906.46	
		For Equipment Without Operator, Deduct	*-17,894.02*	
		For >6 Months (>26 Weeks), Deduct	*-160.50*	

01 22 23 00-1315 Light Off-Road Utility Passenger Vehicles *(01 22 23 00-1304)*

01 22 23 00-1316	DAY	4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle	317.74	
		For Half Day Usage, Deduct	*-99.29*	
01 22 23 00-1317	WK	4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle	734.78	
01 22 23 00-1318	MO	4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle	1,588.72	
		For >6 Months (>26 Weeks), Deduct	*-63.55*	
01 22 23 00-1319	DAY	4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle	327.67	
		For Half Day Usage, Deduct	*-102.40*	
01 22 23 00-1320	WK	4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle	764.57	
01 22 23 00-1321	MO	4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle	1,688.02	
		For >6 Months (>26 Weeks), Deduct	*-67.52*	

01 22 23 00-1322 Light And Heavy Duty Trucks *(01 22 23 00-1304)*

01 22 23 00-1323	DAY	1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver	1,112.27	
		For Equipment Without Operator, Deduct	*-821.33*	
		For Half Day Usage, Deduct	*-501.58*	
01 22 23 00-1324	WK	1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver	5,061.29	
		For Equipment Without Operator, Deduct	*-4,106.63*	
01 22 23 00-1325	MO	1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver	19,795.63	
		For Equipment Without Operator, Deduct	*-17,795.39*	
		For >6 Months (>26 Weeks), Deduct	*-80.01*	
01 22 23 00-1326	DAY	3/4 Ton, 4 x 4 Heavy Duty Crew Cab Pickup Truck With Full-Time Truck Driver	1,166.83	
		For Equipment Without Operator, Deduct	*-821.33*	
		For Half Day Usage, Deduct	*-518.63*	
01 22 23 00-1327	WK	3/4 Ton, 4 x 4 Heavy Duty Crew Cab Pickup Truck With Full-Time Truck Driver	5,224.95	
		For Equipment Without Operator, Deduct	*-4,106.63*	
01 22 23 00-1328	MO	3/4 Ton, 4 x 4 Heavy Duty Crew Cab Pickup Truck With Full-Time Truck Driver	20,159.31	
		For Equipment Without Operator, Deduct	*-17,795.39*	
		For >6 Months (>26 Weeks), Deduct	*-94.56*	

01 22 23 00-1329 Rear Dump Trucks *(01 22 23 00-1304)*

01 22 23 00-1330	DAY	2.5 CY Rear Dump Truck With Full-Time Truck Driver	1,196.86	
		For Equipment Without Operator, Deduct	*-825.88*	
		For Half Day Usage, Deduct	*-528.87*	
01 22 23 00-1331	WK	2.5 CY Rear Dump Truck With Full-Time Truck Driver	5,109.26	
		For Equipment Without Operator, Deduct	*-4,129.39*	
01 22 23 00-1332	MO	2.5 CY Rear Dump Truck With Full-Time Truck Driver	20,894.13	
		For Equipment Without Operator, Deduct	*-17,894.02*	
		For >6 Months (>26 Weeks), Deduct	*-120.00*	
01 22 23 00-1333	DAY	3 To 4 CY Rear Dump Truck With Full-Time Truck Driver	1,319.85	
		For Equipment Without Operator, Deduct	*-825.88*	
		For Half Day Usage, Deduct	*-567.31*	
01 22 23 00-1334	WK	3 To 4 CY Rear Dump Truck With Full-Time Truck Driver	5,490.33	
		For Equipment Without Operator, Deduct	*-4,129.39*	
01 22 23 00-1335	MO	3 To 4 CY Rear Dump Truck With Full-Time Truck Driver	21,422.37	
		For Equipment Without Operator, Deduct	*-17,894.02*	
		For >6 Months (>26 Weeks), Deduct	*-141.13*	
01 22 23 00-1336	DAY	5 To 6 CY Rear Dump Truck With Full-Time Truck Driver	1,390.42	
		For Equipment Without Operator, Deduct	*-825.88*	
		For Half Day Usage, Deduct	*-589.36*	
01 22 23 00-1337	WK	5 To 6 CY Rear Dump Truck With Full-Time Truck Driver	5,641.54	
		For Equipment Without Operator, Deduct	*-4,129.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1338	MO	5 To 6 CY Rear Dump Truck With Full-Time Truck Driver	21,523.18	
		For Equipment Without Operator, Deduct	*-17,894.02*	
		For >6 Months (>26 Weeks), Deduct	*-145.17*	
01 22 23 00-1339	DAY	12 To 14 CY Rear Dump Truck With Full-Time Truck Driver	2,227.14	
		For Equipment Without Operator, Deduct	*-825.88*	
		For Half Day Usage, Deduct	*-850.83*	
01 22 23 00-1340	WK	12 To 14 CY Rear Dump Truck With Full-Time Truck Driver	7,365.39	
		For Equipment Without Operator, Deduct	*-4,129.39*	
01 22 23 00-1341	MO	12 To 14 CY Rear Dump Truck With Full-Time Truck Driver	26,362.06	
		For Equipment Without Operator, Deduct	*-17,894.02*	
		For >6 Months (>26 Weeks), Deduct	*-338.72*	
01 22 23 00-1342	DAY	18 CY Rear Dump Truck With Full-Time Truck Driver	2,367.26	
		For Equipment Without Operator, Deduct	*-825.88*	
		For Half Day Usage, Deduct	*-894.62*	
01 22 23 00-1343	WK	18 CY Rear Dump Truck With Full-Time Truck Driver	7,688.99	
		For Equipment Without Operator, Deduct	*-4,129.39*	
01 22 23 00-1344	MO	18 CY Rear Dump Truck With Full-Time Truck Driver	27,208.86	
		For Equipment Without Operator, Deduct	*-17,894.02*	
		For >6 Months (>26 Weeks), Deduct	*-372.59*	

01 22 23 00-1345 Vacuum Trucks *(01 22 23 00-1304)*

01 22 23 00-1346	DAY	5,000 Gallon Vacuum Truck With Full-Time Truck Driver	2,217.06	
		For Equipment Without Operator, Deduct	*-825.88*	
		For Half Day Usage, Deduct	*-847.68*	
01 22 23 00-1347	WK	5,000 Gallon Vacuum Truck With Full-Time Truck Driver	8,319.05	
		For Equipment Without Operator, Deduct	*-4,129.39*	
01 22 23 00-1348	MO	5,000 Gallon Vacuum Truck With Full-Time Truck Driver	30,257.36	
		For Equipment Without Operator, Deduct	*-17,894.02*	
		For >6 Months (>26 Weeks), Deduct	*-494.53*	

01 22 23 00-1349 Water Trucks *(01 22 23 00-1304)*

Note: Includes pump and 1-1/2" Diameter x 50' water hose. See CSI section 01 22 23 00-1079 for additional discharge hose, 01 22 23 00-1370 for water trailer.

01 22 23 00-1350	DAY	2,000 Gallon Water Truck With Full-Time Driver	1,491.20	
		For Equipment Without Operator, Deduct	*-825.88*	
		For Each 1,000 Gallon Of Purchased Water, Add	*15.32*	
		For Half Day Usage, Deduct	*-620.85*	
01 22 23 00-1351	WK	2,000 Gallon Water Truck With Full-Time Driver	5,881.41	
		For Equipment Without Operator, Deduct	*-4,129.39*	
		For Each 1,000 Gallon Of Purchased Water, Add	*15.32*	
01 22 23 00-1352	MO	2,000 Gallon Water Truck With Full-Time Driver	22,033.82	
		For Equipment Without Operator, Deduct	*-17,894.02*	
		For Each 1,000 Gallon Of Purchased Water, Add	*15.32*	
		For >6 Months (>26 Weeks), Deduct	*-165.59*	
01 22 23 00-1353	DAY	3,700 To 4,000 Gallon Water Truck With Full-Time Truck Driver	1,816.48	
		For Equipment Without Operator, Deduct	*-825.88*	
		For Each 1,000 Gallon Of Purchased Water, Add	*15.32*	
		For Half Day Usage, Deduct	*-722.50*	
01 22 23 00-1354	WK	3,700 To 4,000 Gallon Water Truck With Full-Time Truck Driver	6,857.22	
		For Equipment Without Operator, Deduct	*-4,129.39*	
		For Each 1,000 Gallon Of Purchased Water, Add	*15.32*	
01 22 23 00-1355	MO	3,700 To 4,000 Gallon Water Truck With Full-Time Truck Driver	24,547.27	
		For Equipment Without Operator, Deduct	*-17,894.02*	
		For Each 1,000 Gallon Of Purchased Water, Add	*15.32*	
		For >6 Months (>26 Weeks), Deduct	*-266.13*	

01 22 23 00-1356 Traffic Control Truck With Mounted Impact Attenuators/Crash Cushions And Arrow Board *(01 22 23 00-1304)*

01 22 23 00-1357	DAY	Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver	1,566.74	
		For Equipment Without Operator, Deduct	*-821.33*	
		For Half Day Usage, Deduct	*-643.61*	
01 22 23 00-1358	WK	Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver	6,306.55	
		For Equipment Without Operator, Deduct	*-4,106.63*	
01 22 23 00-1359	MO	Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver	23,137.82	
		For Equipment Without Operator, Deduct	*-17,795.39*	
		For >6 Months (>26 Weeks), Deduct	*-213.70*	

01 22 23 00-1360 Straight/Box Trucks *(01 22 23 00-1304)*

01 22 23 00-1361	DAY	18,000 Lb. Capacity, 24' Straight/Box Truck With Full-Time Truck Driver Note: Includes 2,500 Lb. lift gate.	948.50	
		For Equipment Without Operator, Deduct	*-825.88*	
		For Half Day Usage, Deduct	*-451.26*	
01 22 23 00-1362	WK	18,000 Lb. Capacity, 24' Straight/Box Truck With Full-Time Truck Driver Note: Includes 2,500 Lb. lift gate.	4,742.51	
		For Equipment Without Operator, Deduct	*-4,129.39*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1363	MO	18,000 Lb. Capacity, 24' Straight/Box Truck With Full-Time Truck Driver Note: Includes 2,500 Lb. lift gate.	19,703.89	
		For Equipment Without Operator, Deduct	*-17,894.02*	
		For >6 Months (>26 Weeks), Deduct	*-72.39*	

01 22 23 00-1364 Truck Mounted Accessories *(01 22 23 00-1303)*

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-1365 Truck Mounted Arrow Boards *(01 22 23 00-1364)*

01 22 23 00-1366	DAY	Truck Mounted Arrow Board	55.92	
		For Half Day Usage, Deduct	*-17.48*	
01 22 23 00-1367	WK	Truck Mounted Arrow Board	222.39	
01 22 23 00-1368	MO	Truck Mounted Arrow Board	792.98	
		For >6 Months (>26 Weeks), Deduct	*-31.72*	

01 22 23 00-1369 Trailers *(01 22 23 00-1303)*

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-1370 Water Trailers With Pump *(01 22 23 00-1369)*

01 22 23 00-1371	DAY	500 To 600 Gallon Water Trailer With Pump	170.03	
		For Half Day Usage, Deduct	*-53.13*	
01 22 23 00-1372	WK	500 To 600 Gallon Water Trailer With Pump	436.16	
01 22 23 00-1373	MO	500 To 600 Gallon Water Trailer With Pump	1,168.02	
		For >6 Months (>26 Weeks), Deduct	*-46.72*	

01 22 23 00-1374 Refrigerated Trailers *(01 22 23 00-1369)*

Note: Excludes electrical supply and connection

01 22 23 00-1375	MO	8' x 40' Refrigerated Container Trailer Note: Requires 460 volt, 3 phase electrcial power connection. See CSI section 10 56 13 00-0000 for metal storage shelving, 26 05 00 00-0000 for electrical wiring.	2,215.32	

01 30 Administrative Requirements *(01)*

01 35 Special Procedures *(01 30)*

01 35 29 Health, Safety, and Emergency Response Procedures *(01 35)*

See CSI section 02 90 00 00-0000 for disaster recovery task.

01 35 29 00-0001 Emergency Response *(01 35 29)*

See CSI section 01 22 20 00-0001 for labor services to load and unload shipping container, 01 22 20 00-0063 for security guards, 01 22 23 00-0000 for portable equipment usage (air compressors, generators, lighting, etc.), 01 52 13 00-0030 for container usage.

01 35 29 00-0002	MI	Trucking Delivery Of 20' Shipping Container	2.77	
01 35 29 00-0003	MI	Trucking Delivery Of 40' Shipping Container	5.54	

01 35 33 Infection Control Procedures *(01 35)*

See CSI section 02 87 19 00-0000 for Bio-Hazard And Infectious Disease Control Remediation.

01 35 33 00-0001 COVID-19 RSIP Work Plan for Unit Disinfection and Safe Work Practices *(01 35 33)*

01 35 33 00-0002	DAY	COVID-19 RSIP Work Plan for Unit Disinfection and Safe Work Practices Note: The LACDA will establish the number of days required for the implementation of the scope included in this task item, to be determined by the phase, duration, and intensity of construction activity requiring the extent of such practices in any given unit. In addition to the requirements contained in this task, the Contractor and their Subcontractors are to perform all work , throughout the entire project duration, with strict adherence to all local, state, and federal COVID-19 safety guidelines including those set-forth by, but not limited to the Los Angeles County Department of Health and Public Works, California Department of Public Health, Cal/OSHA, and the Centers for Disease Control and Prevention (CDC) at no additional cost to the Owner/LACDA. These non-compensable items include: • Provide all necessary Personal Protective Equipment (PPE) items for all workers, including, but not limited to face masks, gloves, goggles, and hand sanitizer. All items must meet the standards/recommendations set-forth by the CDC. • Daily, manual wipe-down to disinfect hard surfaces touched in the course of work. Compensable items under this task to include: 1) Disinfect all surfaces touched in the course of work at the end of each work day (e.g. windows, doors, hardware, frames, etc.).	260.02	

01 40 Quality Requirements *(01)*

01 41 Regulatory Requirements *(01 40)*

01 41 26 Permit Requirements *(01 41)*

See CSI section 01 22 16 00-0001 for reimbursable fees.

01 42 References *(01 40)*

01 42 13 Abbreviations and Acronyms *(01 42)*

Note: For specification publishing. Review specifications for requirements.

01 42 13 00-0001	NTE	Abbreviations And Acronyms Note: For specification publishing. Review specifications for requirements.	0.00	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 42 16 Definitions *(01 42)*

Note: For specification publishing. Review specifications for requirements.

01 42 16 00-0001	NTE	Definitions Note: For specification publishing. Review specifications for requirements.	0.00	

01 42 19 Reference Standards *(01 42)*

Note: For specification publishing. Review specifications for requirements.

01 42 19 00-0001	NTE	Reference Standards Note: For specification publishing. Review specifications for requirements.	0.00	

01 42 21 Construction Suppliers or Venor List *(01 42)*

Note: For specification publishing. Review specifications for requirements.

01 42 21 00-0001	NTE	Construction Suppliers or Venor List Note: For specification publishing. Review specifications for requirements.	0.00	

01 45 Quality Control *(01 40)*

Note: Refer to section specifications for testing included with other sections.

01 45 23 Testing and Inspecting Services *(01 45)*

Note: For application to existing materials/site conditions or additional testing over specifications stated tests. Includes acquisition and maintenance of sample (for laboratory tests) to include shipping as required, applicable equipment for field tests, and appropriate test reports.

01 45 23 00-0001 Soils/Aggregate Testing *(01 45 23)*

01 45 23 00-0002 Field Soils Tests *(01 45 23 00-0001)*

01 45 23 00-0003	EA	Plasticity Index Soils Test, ASTM D-4318, Field Soils Test	362.89	
01 45 23 00-0004	EA	4" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test	515.06	
01 45 23 00-0005	EA	6" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test	585.30	
01 45 23 00-0006	EA	Resistance (R) Value Soils Test, CA 301, Field Soils Test	468.24	
01 45 23 00-0007	SET	Cement Treated Base Laboratory Design, Soil Cement, Field Soils Test	1,404.23	
01 45 23 00-0008	EA	Moisture Content, Field Soils Test	52.66	
01 45 23 00-0009	EA	UBC Or Swell Test, Field Soils Test	140.47	
01 45 23 00-0010	EA	Proctor Compaction 4" Standard Mold ASTM D698, Field Soils Test	351.06	
01 45 23 00-0011	EA	Proctor Compaction 6" Standard Mold, Field Soils Test	438.82	
01 45 23 00-0012	EA	Density And Classification Test, Field Soils Test	106.93	
01 45 23 00-0013	EA	Percolation Test, Field Soils Test	267.32	
01 45 23 00-0014	EA	Infiltration Test, Field Soils Test	534.64	

01 45 23 00-0015 Aggregate Testing *(01 45 23 00-0001)*

01 45 23 00-0016	EA	Coarse Aggregate Sieve Analysis Test, ASTM C-136, CA 202	117.06	
01 45 23 00-0017	EA	Fine Aggregate Sieve Analysis Test, ASTM C-136, CA 202	210.71	
01 45 23 00-0018	EA	Sieve Analysis, Pit Run, ASTM C136 Note: Includes wash.	173.76	
01 45 23 00-0019	EA	Specific Special Gravity, Course, ASTM C127 Note: Includes absorption test.	185.99	
01 45 23 00-0020	EA	Special Gravity, Fine, ASTM C127 Note: Includes absorption test.	166.75	
01 45 23 00-0021	EA	Aggregate Cleanness Value, ASTM C-128, CA 227	234.12	
01 45 23 00-0022	EA	Sand Equivalent, Average of 3 Tests, ASTM D2419, CA 217	175.59	
01 45 23 00-0023	EA	Fine Aggregate Durability Index, CA 229	187.30	
01 45 23 00-0024	EA	Sodium And Magnesium Soundness, ASTM C88	491.48	
01 45 23 00-0025	EA	Los Angeles Rattler, ASTM C-131, CA 211	374.59	
01 45 23 00-0026	EA	Unit Weight Of Aggregates, ASTM C29	105.35	
01 45 23 00-0027	EA	Organic Impurities In Sand, ASTM C40	105.32	
01 45 23 00-0028	EA	Crushed Particle, ASTM California Test Method	105.32	
01 45 23 00-0029	EA	Clay Lump And Friable Particles, ASTM C142	210.63	

01 45 23 00-0030 Permeability Tests *(01 45 23 00-0001)*

01 45 23 00-0031 In-Place Tests *(01 45 23 00-0030)*

01 45 23 00-0032	EA	Double Ring Infiltrometer Test, ASTM D3385	1,859.92	
01 45 23 00-0033	EA	Unconfined Compressive Strength (Pocket Penetrometer) Test	87.76	

01 45 23 00-0034 Lab Tests *(01 45 23 00-0030)*

01 45 23 00-0035	EA	Falling Head Rigid Wall Consolidometer Technique CAE	867.96	
01 45 23 00-0036	EA	Falling Head Permeability Test EPA-9100	867.96	
01 45 23 00-0037	EA	Constant Head Permeability Test For Granular Soils, ASTM D2432	495.98	

01 45 23 00-0038 Concrete/Cement/Asphalt Testing *(01 45 23)*

01 45 23 00-0039 Concrete Testing *(01 45 23 00-0038)*

01 45 23 00-0040	EA	Prepare 6 x 12 Concrete Cylinder And Deliver To Lab	27.23	
01 45 23 00-0041	EA	6 x 12 Cylinder Concrete Compression Test, ASTM C-39 Or ASTM D1633	74.40	
01 45 23 00-0042	EA	Concrete Cores Compression Test, ASTM C-42	152.18	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0043	EA	6 x 6 x 18 Concrete Flexural Test, ASTM C-78	222.41	
01 45 23 00-0044	EA	Unit Weight Of Concrete Cylinder, ASTM C-567	81.94	
01 45 23 00-0045	EA	Concrete Mix Design Review	444.83	
01 45 23 00-0046	EA	Trial Concrete Batch Prepared In Laboratory	1,053.54	
01 45 23 00-0047	EA	Concrete Shrinkage, ASTM C-157 Modified	819.42	
01 45 23 00-0048	EA	6 x 12 Concrete Cylinder Splitting Tensile Test, ASTM C-496	126.42	
01 45 23 00-0049	EA	Concrete Slump Test, ASTM C143	58.53	
01 45 23 00-0050	EA	Concrete Air Content Test, ASTM C138, ASTM C173, Or ASTM C231	58.53	
01 45 23 00-0051		Cement Testing *(01 45 23 00-0038)*		
01 45 23 00-0052	EA	CCR Title 24, Cement Grab Sample Note: Includes sealing and storing 1 year.	58.53	
01 45 23 00-0053	EA	2" x 2" x 2" Cube Compression Test, All Type Materials	93.65	
01 45 23 00-0054		Asphaltic Concrete Testing *(01 45 23 00-0038)*		
01 45 23 00-0055	EA	Hveem Asphaltic Concrete Stability Test, CA 366	117.06	
01 45 23 00-0056	EA	Marshall Asphaltic Concrete Stability Test (3 Specimens), ASTM D-6926/6927	304.36	
01 45 23 00-0057	EA	Stability Tests, Premixed, ASTM D1559	117.06	
01 45 23 00-0058	EA	Stability Tests, Lab. Mixed, ASTM D1559	304.36	
01 45 23 00-0059	EA	Swell Test, CA 305 Note: Includes compaction.	140.47	
01 45 23 00-0060	EA	% Asphalt Extraction Test, ASTM D-2172 B	351.18	
01 45 23 00-0061	EA	Maximum Theoretical Unit Weight, ASTM C2041	223.19	
01 45 23 00-0062	EA	Unit Weight Sample Requiring Compaction, California Test Method 308	46.82	
01 45 23 00-0063	EA	Asphalt Unit Weight On Core Test, CA 308C	46.82	
01 45 23 00-0064	HR	Nuclear Field Density Testing, 4 Hour Minimum	241.14	
01 45 23 00-0065	EA	Asphalt Film Stripping Test, CTM 302/AASHTO T182/ASTM D1664	120.29	
01 45 23 00-0066	EA	Penetration, ASTM D5	169.10	
01 45 23 00-0067		Masonry/Concrete Block/Tile Testing *(01 45 23)*		
01 45 23 00-0068		Masonry Testing *(01 45 23 00-0067)*		
01 45 23 00-0069	EA	2" x 4" Cylinder Mortar Compression Test	77.26	
01 45 23 00-0070	EA	4" x 4" x 8" Grout Prisms Compression Test	77.26	
01 45 23 00-0071	EA	Masonry Cores Compression Test	152.18	
01 45 23 00-0072	EA	Composite Grouted Prism Compression Test	292.65	
01 45 23 00-0073		Concrete Block Testing (ASTM C140 Or CMA Per Specimen) *(01 45 23 00-0067)*		
01 45 23 00-0074	EA	Up To 8" x 8" x 16" Concrete Block Compression Test, ASTM C-140	187.30	
01 45 23 00-0075	EA	Absorption Test, Moisture Content And Unit Weight	128.77	
01 45 23 00-0076	EA	First Unit, Moisture Condition By Relative Humidity, ASTM C427	491.48	
01 45 23 00-0077	EA	Moisture Condition By Relative Humidity, ASTM C427, Additional Unit	245.74	
01 45 23 00-0078		Acoustical Testing *(01 45 23)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0079	EA	Pre-Construction Acoustical Testing (30% Artificial Noise Eligility Testing) Note: Pursuant to LACDA providing a list of residential structures that have been categorically selected pursuant to the qualification requirements established by 1) FAA Order 5100.38D and 2) Acoustical Testing Plan for LAX (ATP 2019). The JOC contractor commissioned acoustical engineer shall: Conduct acoustical engineering to sound test 1 single and or multifamily dwelling per the ATP 2019, ASTM Standard E966 and FAA Order 5100.38D, to include but not limited to: Provide engineering professionals, labor, equipment, and material to utilize artificial noise to accurately measure outdoor to indoor noise level reduction (NLR) of all habitable rooms to determine eligibility of the residential structure. 1. Provide artificial noise source test kit per ATP 2019 (Measurement Procedure, 2nd paragraph page 7). 2. Place equipment and noise source at façade in compliance with ASTM E966 per ATP 2019 (Placement of the Loudspeaker, 3rd paragraph page 7). 3. Generate artificial sound (pink sound) per ATP 2019 (Creating the One-Third Octave Band Measurement, 3rd paragraph page 8). 4. Calculate exterior vs interior noise reduction per ATP 2019 (Section D. Calculating Interior Noise Levels, page 8). 5. Calculate noise based on 737-800 to determine NLR per ATP 2019 (Aircraft Noise Spectra for use in NLR Calculation paragraph 6, page 9) 6. Provide pre-construction sound test data in a report format with methodology narrative, test results, NLR per unit and habitable room. Report may include property batching per initial work order or may be limited to one pre-construction test. 1. Categorical Testing Report content requirement detail: Owner Name, Address, Zoning, CNEL, Single or Multifamily description, No of tests per batch (to meet 30% representative sampling requirement) and confirmation on which property was tested from categorical list. 2. Audit Summary Report content detail: Group Designation (to be provided by LACDA), Owner Name, Address, List of habitable room with Exterior and Interior Noise Levels recorded, and cumulative average Noise Level of all rooms. All Test result figures exceeding an interior CNEL greater than 45dB to be indicated in bold red font color. The following notes should be included at the bottom of the Audit Summary Report: Notes: "Rooms with Interior CNEL of 45 dB and greater are in bold red font" 1) Testing conducted per ATP standards/procedures 2) Exterior CNEL data from 2020 Noise Exposure Map – and have been rounded to the next 4 dB CNEL Contour 3)Interior CNEL equals exterior CNEL minus measured room NLR 4) The ASTM E966 test method states "It is estimated that the repeatability standard deviation of these test procedures are of the order of 2 to 3 dB, depending on frequency". 5) Test results between 44.1 and 44.9 have been reported as 45.O dB due to ASTM E966 test method 7. Confirm the residential parcel is located within the 65CNEL though 74 CNEL to include FAA Approved Block Rounding (60 CNEL) as delineated by the 2020 LAX Noise Exposure Map (NEM) link LAWA.ORG 8. Schedule testing with resident(s) providing an arrival and departure time within e hours 8AM and 5PM, Monday through Friday (explanation of procedures, noise impact, resident expectations and supply each occupant with a pair of disposable ear plugs min rating 32dB) 9. Pre-Construction Acoustical Test Report must be completed and submitted to LACDA in final form not later than 20 working days from field noise test survey.	1,765.66	
		For > 3 Tests, Per Test, Deduct	*-407.51*	
		For Ancillary Sound Test Equipment, Add *Note: Supply and set-up mechanical lift to elevate loudspeaker on second story and/or elevated facade broadcast applications to meet ATP 19 testing protocols.*	*814.92*	
01 45 23 00-0080	EA	Post-Construction Acoustical Audit/Testing (10% Artificial Noise Post Acoustical Improvement Audit/Testing) Note: Pursuant to LACDA providing a list of residential structures that have been sound mitigated pursuant to the requirements established by 1) FAA Order 5100.38D and 2) Acoustical Testing Plan for LAX (ATP 2019). The JOC contractor commissioned acoustical engineer shall: Conduct acoustical engineering to sound test 1 single and or multifamily dwelling per the ATP 2019, ASTM Standard E966 and FAA Order 5100.38D, to include but not limited to: Provide engineering professionals, labor, equipment, and material to utilize artificial noise to accurately measure outdoor to indoor noise level reduction (NLR) of all habitable rooms to include cumulative room average of the dwelling to determine post treatment interior noise reduction/improvement. Goal: The goal of the Airport Improvement Program (AIP) and State of California is to achieve, post-construction, an interior noise of more than 45dB CNEL and a noise reduction goal (not a requirement) of 5 dB compared to pre-construction conditions. 1. Provide post-construction acoustic testing per ATP 2019 (Section G. Post-Construction Acoustic Testing, Page 15). 2. Provide artificial noise source test kit per ATP 2019 (Measurement Procedure, 2nd paragraph page 7). 3. Place equipment and noise source at façade in compliance with ASTM E966 per ATP 2019 (Placement of the Loudspeaker, 3rd paragraph page 7). 4.Generate artificial sound (pink sound) per ATP 2019 (Creating the One-Third Octave Band Measurement, 3rd paragraph page 8). 5. Calculate exterior vs interior noise reduction per ATP 2019 (Section D. Calculating Interior Noise Levels, page 8). 6. Calculate noise based on 737-800 to determine NLR per ATP 2019 (Aircraft Noise Spectra for use in NLR Calculation paragraph 6, page 9) 7. Provide post-construction sound test data in a comprehensive report format with methodology narrative, Pre (To be provided by LACDA, if not already provided by this consultant) and Post Test results, measured noise reduction per unit and habitable room. Report may include property batching per initial work order or may be limited to one post-construction test. 1. Noise Audit Summary Report content requirement detail: Owner Name, Address, Zoning, CNEL, Single or Multifamily description, No of tests per batch (to meet 10% representative sampling requirement) and confirmation on which property was tested from categorical list. 2. Audit Summary Report content detail: Group Designation (to be provided by LACDA), Owner Name, Address, List of habitable room with Exterior and Interior Noise Levels recorded, and cumulative average Noise Level of all rooms. All Test result figures with sound exceeding an interior CNEL greater than 45dB to be indicated in bold red font color. The following notes should be included at the bottom of the Audit Summary Report: Notes: "Rooms with Interior Noise Reduction of 45 dB and greater are to be reported in bold red font" 1) Testing conducted per ATP standards/procedures 2) Exterior CNEL data from 2020 Noise Exposure Map – and have been rounded to the next 4 dB CNEL Contour 3)Interior CNEL equals exterior CNEL minus measured room NLR 4) The ASTM E966 test method states "It is estimated that the repeatability standard deviation of these test procedures are of the order of 2 to 3 dB, depending on frequency". 8. Confirm the residential parcel is located within the 65CNEL though 74 CNEL to include FAA Approved Block Rounding (60 CNEL) as delineated by the 2020 LAX Noise Exposure Map (NEM) link LAWA.ORG 9. Schedule testing with resident(s) providing an arrival and departure time within e hours 8AM and 5PM, Monday through Friday (explanation of procedures, noise impact, resident expectations and supp	1,765.66	
		For > 3 Tests, Per Test, Deduct	*-407.51*	
		For Ancillary Sound Test Equipment, Add *Note: Supply and set-up mechanical lift to elevate loudspeaker on second story and/or elevated facade broadcast applications to meet ATP 19 testing protocols.*	*814.92*	

01 45 29 Testing Laboratory Services *(01 45)*

Note: For application to existing materials/site conditions or additional testing over specifications stated tests.

01 45 29 00-0001 Soil Borings Laboratory Tests *(01 45 29)*

01 45 29 00-0002	EA	Atterberg Limits - Liquid Limits (LL) And Plastic Limits (PL), T89, T90, ASTM D4318, Soil Borings Laboratory Test	161.19	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 29 00-0003	EA	Shrinkage Limit, Soil Borings Laboratory Test	51.43	
01 45 29 00-0004	EA	Unconfined Compressive Strength of Cohesive Soils, Soil Borings Laboratory Test	124.00	
01 45 29 00-0005	EA	Consolidation, Soil Borings Laboratory Test	867.96	
01 45 29 00-0006	EA	Swell Test, Soil Borings Laboratory Test	136.08	
01 45 29 00-0007	EA	In Place Density, Soil Borings Laboratory Test	37.20	
01 45 29 00-0008	EA	Moisture Content, ASTM D2216, Soil Borings Laboratory Test	23.11	
01 45 29 00-0009	EA	Hydrometer Analysis, Soil Borings Laboratory Test	298.36	
01 45 29 00-0010	EA	Specific Gravity, ASTM D854, Soil Borings Laboratory Test	104.02	
01 45 29 00-0011	EA	Partial Sieve Analysis, Soil Borings Laboratory Test	20.57	
01 45 29 00-0012	EA	Laboratory Permeability, Soil Borings Laboratory Test	1,028.53	
01 45 29 00-0013	EA	Sieve Analysis, ASTM D422, Soil Borings Laboratory Test	208.04	
01 45 29 00-0014	EA	Sulfate Soundness, Soil Borings Laboratory Test	257.13	
01 45 29 00-0015	EA	Los Angeles Abrasion, Soil Borings Laboratory Test	475.98	
01 45 29 00-0016	EA	Soil Bearing Ratio, ASTM D1883	526.77	
01 45 29 00-0017	EA	Compaction Test Subgrade, Soil Borings Laboratory Test	154.28	
01 45 29 00-0018	EA	Compaction Test Base Course, Soil Borings Laboratory Test	171.42	
01 45 29 00-0019	EA	In Place Density And Water Content Test By Nuclear Methods, ASTM D6938, Soil Borings Laboratory Test	367.92	
01 45 29 00-0020	EA	Field Density Sand Cone, AASHTO T-191, ASTM D1556, Soil Borings Laboratory Test	78.85	

01 50 Temporary Facilities and Controls *(01)*

Note: Tasks in this section shall be used as directed by owner.

01 51 Temporary Utilities *(01 50)*

01 51 13 Temporary Electricity *(01 51)*

01 51 13 00-0001 Temporary Power Pole Rentals *(01 51 13)*

Note: Includes installation in ground and removal after use.

01 51 13 00-0002	MON	17' To 35' Temporary Wood Power Pole Rental For 100 Amperes Service	96.04
01 51 13 00-0003	MON	17' To 35' Temporary Wood Power Pole Rental For 200 Amperes Service	115.25
01 51 13 00-0004	EA	Power Installation For 100 Amperes Service Note: One time fee	960.39
01 51 13 00-0005	EA	Power Installation For 200 Amperes Service Note: One time fee	1,152.47

01 51 26 Temporary Lighting *(01 51)*

01 51 26 00-0001 Temporary Lighting Devices *(01 51 26)*

Note: Includes removal after use.

01 51 26 00-0002	EA	Temporary Exit Light	343.53
01 51 26 00-0003	EA	Temporary 10 Light String With Cages	120.96
01 51 26 00-0004	EA	Temporary High Bay Light	449.67

01 52 Construction Facilities *(01 50)*

Note: Tasks in this section shall be used as directed by owner for owner's use.

01 52 13 Field Offices and Sheds *(01 52)*

01 52 13 00-0001 Field Offices and Office Trailers *(01 52 13)*

Note: Includes toilet, central HVAC, interior doors and partitions. Excludes furniture, utility connections, or service. For Loss Damage Waiver or General Liability Insurance when requested use Reimbursable Fees. Minimum 6 months rental. See CSI section 01 52 13 00-0015 for furniture, skirting, and steps.

01 52 13 00-0002	MO	8' x 24' Mobile Office, With Toilet	252.05
		For Each Delivery And Removal, Two Round Trips, Add	*1,541.73*
		For Each Set-up (Block And Level), Add	*887.72*
		For Each Anchoring Into Dirt, Add Per Each Anchor	*246.83*
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*343.10*
		For Knockdown, Add	*870.30*
		For Office Trailer Without Toilet, Deduct	*-50.41*
01 52 13 00-0003	MO	8' x 32' Mobile Office, With Toilet	285.65
		For Each Delivery And Removal, Two Round Trips, Add	*1,541.73*
		For Each Set-up (Block And Level), Add	*887.72*
		For Each Anchoring Into Dirt, Add Per Each Anchor	*246.83*
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*343.10*
		For Knockdown, Add	*870.30*
		For Office Trailer Without Toilet, Deduct	*-57.13*
01 52 13 00-0004	MO	10' x 36' Mobile Office, With Toilet	386.47
		For Each Delivery And Removal, Two Round Trips, Add	*3,083.47*
		For Each Set-up (Block And Level), Add	*1,391.23*
		For Each Anchoring Into Dirt, Add Per Each Anchor	*246.83*
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*343.10*
		For Knockdown, Add	*1,303.39*
		For Office Trailer Without Toilet, Deduct	*-77.29*
01 52 13 00-0005	MO	10' x 40' Mobile Office, With Toilet	411.68
		For Each Delivery And Removal, Two Round Trips, Add	*3,083.47*
		For Each Set-up (Block And Level), Add	*1,391.23*
		For Each Anchoring Into Dirt, Add Per Each Anchor	*246.83*
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*343.10*
		For Knockdown, Add	*1,303.39*
		For Office Trailer Without Toilet, Deduct	*-82.34*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 52 13 00-0006	MO	10' x 44' Mobile Office, With Toilet	453.69	
		For Each Delivery And Removal, Two Round Trips, Add	*3,083.47*	
		For Each Set-up (Block And Level), Add	*1,391.23*	
		For Each Anchoring Into Dirt, Add Per Each Anchor	*246.83*	
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*343.10*	
		For Knockdown, Add	*1,303.39*	
01 52 13 00-0007	MO	10' x 50' Mobile Office, With Toilet	478.89	
		For Each Delivery And Removal, Two Round Trips, Add	*3,083.47*	
		For Each Set-up (Block And Level), Add	*1,391.23*	
		For Each Anchoring Into Dirt, Add Per Each Anchor	*246.83*	
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*343.10*	
		For Knockdown, Add	*1,303.39*	
01 52 13 00-0008	MO	12' x 32' Mobile Office, With Toilet	389.04	
		For Each Anchoring Into Dirt, Add Per Each Anchor	*246.83*	
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*343.10*	
		For Knockdown, Add	*1,303.39*	
		For Each Delivery And Removal, Two Round Trips, Add	*800.73*	
		For Each Set-up (Block And Level), Add	*596.40*	
01 52 13 00-0009	MO	12' x 44' Mobile Office, With Toilet	520.13	
		For Each Delivery And Removal, Two Round Trips, Add	*3,083.47*	
		For Each Set-up (Block And Level), Add	*1,391.23*	
		For Each Anchoring Into Dirt, Add Per Each Anchor	*246.83*	
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*343.10*	
		For Knockdown, Add	*1,303.39*	
01 52 13 00-0010	MO	12' x 50' Mobile Office, With Toilet	619.20	
		For Each Delivery And Removal, Two Round Trips, Add	*3,083.47*	
		For Each Set-up (Block And Level), Add	*1,391.23*	
		For Each Anchoring Into Dirt, Add Per Each Anchor	*246.83*	
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*343.10*	
		For Knockdown, Add	*1,303.39*	
01 52 13 00-0011	MO	12' x 60' Mobile Office, With Toilet	856.12	
		For Each Delivery And Removal, Two Round Trips, Add	*3,083.47*	
		For Each Set-up (Block And Level), Add	*1,391.23*	
		For Each Anchoring Into Dirt, Add Per Each Anchor	*246.83*	
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*343.10*	
		For Knockdown, Add	*1,303.39*	
01 52 13 00-0012	MO	24' x 60' Modular Office, With Toilet	1,344.25	
		For Each Delivery And Removal, Two Round Trips, Add	*4,625.20*	
		For Each Set-Up (Block And Level), Add	*2,496.19*	
		For Each Anchoring Into Dirt, Add Per Each Anchor	*246.83*	
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*343.10*	
		For Knockdown, Add	*2,610.90*	
01 52 13 00-0013	MO	24' x 72' Modular Office, With Toilet	1,613.09	
		For Each Delivery And Removal, Two Round Trips, Add	*4,625.20*	
		For Each Set-Up (Block And Level), Add	*2,496.19*	
		For Each Anchoring Into Dirt, Add Per Each Anchor	*246.83*	
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*343.10*	
		For Knockdown, Add	*2,610.90*	
01 52 13 00-0014	MO	30' x 30' Modular Office, With Toilet	843.31	
		For Each Delivery And Removal, Two Round Trips, Add	*4,625.20*	
		For Each Set-Up (Block And Level), Add	*2,496.19*	
		For Each Anchoring Into Dirt, Add Per Each Anchor	*246.83*	
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*343.10*	
		For Knockdown, Add	*2,610.90*	

01 52 13 00-0015 Accessories For Field Office Trailers *(01 52 13)*

Note: Costs includes installation or placement in trailer.

01 52 13 00-0016	MO	Desk For Field Office Trailer	42.28
01 52 13 00-0017	MO	Rolling Desk Chair For Field Office Trailer	26.42
01 52 13 00-0018	MO	File Cabinet For Field Office Trailer	31.71
01 52 13 00-0019	MO	Table For Field Office Trailer	21.14
01 52 13 00-0020	MO	Folding Chair For Field Office Trailer	10.01
01 52 13 00-0021	EA	Phone Hook-Up For Field Office Trailer	116.26
01 52 13 00-0022	MO	Local Hardwired Phone or Data Service Per Phone Line For Field Office Trailer	84.55
01 52 13 00-0023	MO	Security System With Monitoring For Field Office Trailer	133.21
01 52 13 00-0024	LF	Perimeter Trailer Vinyl Skirting For Field Office Trailer	16.59
01 52 13 00-0025	LF	Insulated Perimeter Trailer Vinyl Skirting For Field Office Trailer	39.29
01 52 13 00-0026	MO	Steps For Field Office Trailer	75.53
01 52 13 00-0027	MO	Steps With Canopy For Field Office Trailer	126.88
01 52 13 00-0028	MO	Fax Machine For Field Office Trailer	45.30
01 52 13 00-0029	MO	Copier For Field Office Trailer	84.55

01 52 13 00-0030 Storage Containers *(01 52 13)*

01 52 13 00-0031	MO	8' x 8' x 10' Storage Container	140.03	
		For Each Delivery And Removal, Two Round Trips, Add	*116.51*	
		For >12 Months, Deduct	*-31.51*	
01 52 13 00-0032	MO	8' x 8' x 20' Storage Container	146.40	
		For Each Delivery And Removal, Two Round Trips, Add	*128.16*	
		For >12 Months, Deduct	*-32.94*	
01 52 13 00-0033	MO	8' x 8' x 40' Storage Container	173.13	
		For Each Delivery And Removal, Two Round Trips, Add	*258.11*	
		For >12 Months, Deduct	*-38.95*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 52 19 Sanitary Facilities *(01 52)*

01 52 19 00-0001 **Portable Toilets** *(01 52 19)*
Note: Includes servicing once per week (unless task states otherwise).

01 52 19 00-0002	WK	Portable Chemical Toilet	70.12	
		For Each Additional Servicing Per Unit Per Week, Add	*25.00*	
		For Each Delivery And Set-up, Add	*48.27*	
01 52 19 00-0003	MO	Portable Chemical Toilet	210.36	
		For Each Additional Servicing Per Unit Per Week, Add	*25.00*	
		For Each Delivery And Set-up, Add	*48.27*	
01 52 19 00-0004	WK	Americans With Disabilities Act Compliant Portable Chemical Toilet	83.63	
		For Each Additional Servicing Per Unit Per Week, Add	*25.00*	
		For Each Delivery And Set-up, Add	*48.27*	
01 52 19 00-0005	MO	Americans With Disabilities Act Compliant Portable Chemical Toilet	245.42	
		For Each Additional Servicing Per Unit Per Week, Add	*25.00*	
		For Each Delivery And Set-up, Add	*48.27*	
01 52 19 00-0006	WK	Two Station Portable Handwash	57.87	
		For Each Delivery And Set-up, Add	*48.27*	
01 52 19 00-0007	MO	Two Station Portable Handwash	175.53	
		For Each Delivery And Set-up, Add	*48.27*	
01 52 19 00-0008	MO	6 Station, Portable Toilets, Multi Trailer	6,253.92	
		Note: Includes women's room (3 toilets, 2 sinks) and men's room (1 toilet, 1 urinal and 1 sink). Excludes servicing.		
		For Each Delivery, Set-up And Removal, Two Round Trips, Add	*1,235.99*	
01 52 19 00-0009	WK	Service 6 Station Trailer Restrooms, 3 Times Per Week	2,158.86	
		For One Additional Service Per Week, Add	*719.62*	
		Note: For one less service per week, UOM to be negative one (-1)		

01 53 Temporary Construction *(01 50)*

01 53 16 Temporary Decking *(01 53)*

01 53 16 00-0001 **Temporary Walkways And Railings** *(01 53 16)*
Note: Includes removal after use.

01 53 16 00-0002	SF	Temporary Wood Walkway, 3/4" Plywood On 2 x 6 Stringers	8.18	
01 53 16 00-0003	LF	Temporary Wooden Guardrail, 42" High, Posts, Handrail, And Intermediate Rail	33.70	
01 53 16 00-0004	LF	Temporary Wood Guardrail Base, 12" x 12" Timber Beam	15.74	
01 53 16 00-0005	RSR	Temporary Wood Stairs, Tread And Riser On 2" x 12" Stringers	26.90	

01 53 23 Temporary Ramps *(01 53)*

01 53 23 00-0001 **Temporary Plywood For Wheel Barrow Access** *(01 53 23)*
Note: Includes removal after use.

01 53 23 00-0002	SF	Temporary Plywood For Wheel Barrow Access	1.55	0.49

01 54 Construction Aids *(01 50)*

01 54 09 Personnel Protection Equipment *(01 54)*

01 54 09 00-0001 **Personnel Protection Equipment** *(01 54 09)*
Note: Personnel Protection Equipment (PPE) for workers safety is considered as part of the Contractor's and Workers responisbility. Includes, but are not limited to; protective work gloves, hearing protection, protective clothing, reflective vests, safety glasses or face shields, dust masks, hard hats, appropriate foot protection (slip resistant, puncture-resistant soles, safety-toed), safety harnesses with lifeline, etc. Review JOC Note and specifications for requirements.

01 54 09 00-0002	NTE	Personnel Protection Equipment	0.00	
		Note: For specification publishing. Review specifications for requirements.		

01 54 23 Temporary Scaffolding and Platforms *(01 54)*

01 54 23 00-0001 **Scaffolding** *(01 54 23)*
Note: Additional scaffolding rental for work above the normal working height.

01 54 23 00-0002 **Scaffolding Rental - Rental Only** *(01 54 23 00-0001)*
Note: Monthly rental of actual scaffolding volume rented. Scaffolding is complete with bracing, 2" thick x 12" wide scaffolding planks, scaffolding stairs (where necessary in lieu of planks), standard accessories, base leveling devices, mud sills, climbing ladders and landings, brackets, clamps and building ties, etc. See CSI section 01 54 23 00-0006 for scaffolding erection and dismantling.

01 54 23 00-0003	CCF	Scaffolding With Bracing Accessories, Area Based On 5' Wide Sections, Per CCF / Month	44.13	
		For Up To 25, Add	*17.65*	
		For >25 To 50, Add	*11.03*	
		For >50 To 150, Add	*4.41*	
01 54 23 00-0004	CCF	Scaffolding With Bracing Accessories, Area Based On 4' Wide Sections, Per CCF / Month	49.62	
		For Up To 25, Add	*19.85*	
		For >25 To 50, Add	*12.41*	
		For >50 To 150, Add	*4.96*	
01 54 23 00-0005	CCF	Scaffolding With Bracing Accessories, Area Based On 3' Wide Sections, Per CCF / Month	66.19	
		For Up To 25, Add	*26.48*	
		For >25 To 50, Add	*16.55*	
		For >50 To 150, Add	*6.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 54 23 00-0006 Scaffolding Erection And Dismantling - Labor Only *(01 54 23 00-0001)*

Note: Includes both initial erection and final dismantling Excludes lifting equipment. The unit of measure is the volume of scaffolding erected. See CSI section 01 54 23 00-0002 for scaffolding rental.

01 54 23 00-0007	CCF	Up To 20' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	47.99	
01 54 23 00-0008	CCF	>20' To 40' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	62.93	
01 54 23 00-0009	CCF	>40' To 60' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	83.98	
01 54 23 00-0010	CCF	>60' To 80' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	92.38	
01 54 23 00-0011	CCF	>80' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	106.38	
01 54 23 00-0012	CCF	Up To 20' Height Scaffolding Initial Erection And Final Dismantling Set-up On Stairs, Per CCF Of Scaffolding And Accessories	67.19	

01 54 23 00-0013 Heavy-Duty Masonry Scaffolding Rental - Rental Only *(01 54 23 00-0001)*

Note: Monthly rental of actual scaffolding volume rented. For projects over 2 stories. Scaffolding is complete with bracing, 2" thick x 12" wide scaffolding planks, scaffolding stairs (where necessary in lieu of planks), standard accessories, base leveling devices, mud sills, climbing ladders and landings, brackets, clamps, flat plate, connectors and building ties, etc. See CSI section 01 54 23 00-0019 for erection.

01 54 23 00-0014	CCF	Heavy-Duty Masonry Scaffolding With Bracing Accessories, Area Based On 4' Wide Sections, Per CCF / Month	72.22	
01 54 23 00-0015	CCF	Heavy-Duty Masonry Scaffolding With Bracing Accessories, Area Based On 2' Wide Sections, Per CCF / Month	132.41	
01 54 23 00-0016	LF	Aluminum Joists, Per LF / Month	11.74	
01 54 23 00-0017	LF	Aluminum Stringers, Per LF / Month	16.84	
01 54 23 00-0018	EA	Screw Jack With U-Plate For Stringers, Per EA / Month	21.22	

01 54 23 00-0019 Heavy-Duty Masonry Scaffolding Erection And Dismantling - Labor Only *(01 54 23 00-0001)*

Note: Includes both initial erection and final dismantling Excludes lifting equipment. The unit of measure is the volume of scaffolding erected. See CSI section 01 54 23 00-0013 for scaffolding rental.

01 54 23 00-0020	CCF	Up To 20' Height Heavy-Duty Masonry Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.	89.58	
01 54 23 00-0021	CCF	>20' To 40' Height Heavy-Duty Masonry Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.	111.98	
01 54 23 00-0022	CCF	>40' To 60' Height Heavy-Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.	134.37	
01 54 23 00-0023	CCF	>60' To 80' Height Heavy-Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.	145.57	
01 54 23 00-0024	CCF	>80' Height Heavy-Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.	162.37	

01 54 23 00-0025 Scaffolding Accessories *(01 54 23 00-0001)*

See CSI section 01 54 23 00-0019 for erection.

01 54 23 00-0026	CSF	Netting for Exterior Building Scaffolding Note: Includes removal after use.	42.68	

01 54 23 00-0027 Rolling Scaffolding *(01 54 23)*

Note: Includes moving and relocating scaffolding on site. Excludes initial erection and final dismantling of scaffold.

01 54 23 00-0028	DAY	>14' To 20' Height, 5' Wide X 7' Long Section, Rolling Scaffolding, Complete With Wheels, Railings, etc.	14.28	
01 54 23 00-0029	WK	>14' To 20' Height, 5' Wide X 7' Long Section, Rolling Scaffolding, Complete With Wheels, Railings, etc.	57.23	
01 54 23 00-0030	MO	>14' To 20' Height, 5' Wide X 7' Long Section, Rolling Scaffolding, Complete With Wheels, Railings, etc.	228.90	
01 54 23 00-0031	DAY	>20' To 40' Height, 5' Wide X 7' Long Section, Rolling Scaffolding, Complete With Wheels, Railings, etc.	23.91	
01 54 23 00-0032	WK	>20' To 40' Height, 5' Wide X 7' Long Section, Rolling Scaffolding, Complete With Wheels, Railings, etc.	95.76	
01 54 23 00-0033	MO	>20' To 40' Height, 5' Wide X 7' Long Section, Rolling Scaffolding, Complete With Wheels, Railings, etc.	383.07	
01 54 23 00-0034	EA	>14' To 20', Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold	130.70	
01 54 23 00-0035	EA	>20' To 40', Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold	163.37	

01 54 23 00-0036 Shoring Posts *(01 54 23)*

01 54 23 00-0037	DAY	6'-6" To 11' Extension, 5,000 Lb. Capacity, Steel Shoring Post	2.21	
01 54 23 00-0038	WK	6'-6" To 11' Extension, 5,000 Lb. Capacity, Steel Shoring Post	8.82	
01 54 23 00-0039	MO	6'-6" To 11' Extension, 5,000 Lb. Capacity, Steel Shoring Post	26.47	
01 54 23 00-0040	EA	Initial Erection And Final Dismantling For Each Shoring Post	10.46	
		For >20 To 50, Deduct	*-1.57*	
		For >50 To 100, Deduct	*-3.66*	
		For >100, Deduct	*-5.75*	

01 54 23 00-0041 Temporary Lumber, Single Use *(01 54 23)*

Note: Includes removal after use.

01 54 23 00-0042	SF	5/16" CD Grade Plywood, Temporary Lumber	2.49	
01 54 23 00-0043	SF	1/2" CD Grade Plywood, Temporary Lumber	2.77	
01 54 23 00-0044	SF	5/8" CD Grade Plywood, Temporary Lumber	3.13	
01 54 23 00-0045	SF	3/4" CD Grade Plywood, Temporary Lumber	3.46	
01 54 23 00-0046	SF	1" CD Grade Plywood, Temporary Lumber	5.10	
01 54 23 00-0047	LF	2" x 4" Temporary Lumber	3.16	
01 54 23 00-0048	LF	2" x 6" Temporary Lumber	4.00	
01 54 23 00-0049	LF	2" x 8" Temporary Lumber	4.85	
01 54 23 00-0050	LF	2" x 10" Temporary Lumber	5.72	
01 54 23 00-0051	LF	2" x 12" Temporary Lumber	6.57	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 54 23 00-0052	LF	3" x 8" Temporary Lumber	6.57	
01 54 23 00-0053	LF	3" x 10" Temporary Lumber	7.84	
01 54 23 00-0054	LF	3" x 12" Temporary Lumber	9.13	
01 54 23 00-0055	LF	4" x 4" Temporary Lumber	4.29	
01 54 23 00-0056	LF	4" x 6" Temporary Lumber	6.16	
01 54 23 00-0057	LF	6" x 6" Temporary Lumber	8.04	
01 54 23 00-0058	LF	6" x 8" Temporary Lumber	10.44	
01 54 23 00-0059	LF	12" x 12" Temporary Lumber	25.64	

01 54 23 00-0060 Temporary Precast Concrete Blocks *(01 54 23)*

Note: Includes removal after use.

01 54 23 00-0061	EA	2' x 2' x 2' Temporary Precast Concrete (Ecology) Block Note: Includes removal after use.	138.79	
01 54 23 00-0062	EA	2' x 2' x 4' Temporary Precast Concrete (Ecology) Block Note: Includes removal after use.	173.48	
01 54 23 00-0063	EA	2' x 2' x 8' Temporary Precast Concrete (Ecology) Block Note: Includes removal after use.	226.85	

01 54 26 Temporary Swing Staging *(01 54)*

Note: Up to one month rental. Includes connection to existing electrical outlet on roof, all necessary safety equipment for personnel and anchoring to existing roof anchors. Excludes installing roof anchors.

01 54 26 00-0001 Swing Stage *(01 54 26)*

Note: Up to one month rental. Includes connection to existing electrical outlet on roof, and all necessary safety equipment for personnel. Excludes installing roof anchors.

01 54 26 00-0002	MO	7' Swing Stage, Electric Operated	3,174.68	
01 54 26 00-0003	MO	10' Swing Stage, Electric Operated	3,333.41	
01 54 26 00-0004	MO	14' Swing Stage, Electric Operated	3,492.14	
01 54 26 00-0005	MO	20' Swing Stage, Electric Operated	3,650.88	
01 54 26 00-0006	MO	24' Swing Stage, Electric Operated	3,809.61	
01 54 26 00-0007	MO	30' Swing Stage, Electric Operated	3,968.35	
01 54 26 00-0008	MO	42' Swing Stage, Electric Operated	4,127.08	
01 54 26 00-0009	MO	12' Swing Stage, Manually Operated	915.47	
01 54 26 00-0010	MO	24' Swing Stage, Manually Operated	1,144.33	
01 54 26 00-0011	EA	Swing Stage Platform From Hooks, Erection And Dismantling Note: Includes both initial erection and final dismantling of platform. Excludes anchors or temporary roof mounted outrigger system.	5,571.26	
01 54 26 00-0012	EA	Swing Stage Platform And Temporary Roof Mounted Outrigger System Erection And Dismantling Note: Includes both initial erection and final dismantling of temporary roof mounted outrigger system.	7,742.21	
01 54 26 00-0013	EA	Move Swing Stage Platform From Hooks To Different Location At Same Roof	2,929.49	
01 54 26 00-0014	EA	Move Swing Stage Platform and Temporary Roof Mounted Outrigger System To Different Location At Same Roof	4,080.36	

01 55 Vehicular Access and Parking *(01 50)*

01 55 23 Temporary Roads *(01 55)*

01 55 23 00-0001 Temporary Stabilized Construction Entrance *(01 55 23)*

Note: As per Caltrans detail.

01 55 23 00-0002	SF	3" To 4" Rock Temporary Stabilized Construction Entrance Assembly Note: Includes up to 12" excavation of pit, hauling and disposal of soil, filter fabric at base and sides, filled with rock, and compaction.	4.26	
01 55 23 00-0003	SF	>4" To 6" Rock Temporary Stabilized Construction Entrance Assembly Note: Includes up to 12" excavation of pit, hauling and disposal of soil, filter fabric at base and sides, filled with rock, and compaction.	5.31	

01 55 23 00-0004 Rumble Trench Plate *(01 55 23)*

01 55 23 00-0005	MO	8' x 10' Steel Rumble Trench Plate Rental	424.02	
01 55 23 00-0006	EA	Placement And Removal Of Rumble Plate Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	111.79	
01 55 23 00-0007	EA	Relocate And Adjust Location Of Rumble Plate Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	27.95	

01 55 23 00-0008 Temporary Road Ramps (Godwin) *(01 55 23)*

Note: Excludes asphalt and gravel.

01 55 23 00-0009	EA	4" Diameter Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin)	5,245.39	253.57
01 55 23 00-0010	EA	6" Diameter Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin)	7,147.05	380.37
01 55 23 00-0011	EA	8" Diameter Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin)	9,872.75	507.16
01 55 23 00-0012	EA	12" Diameter Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin)	20,426.83	633.95
01 55 23 00-0013	EA	24" Diameter Pipeline, 15' Passable Vehicle Width, Temporary Road Ramp (Godwin)	29,950.86	760.74

01 55 26 Traffic Control *(01 55)*

01 55 26 00-0001 Temporary Removable Preformed Traffic Black Line Mask *(01 55 26)*

Note: Includes installation and removal after use.

01 55 26 00-0002	LF	6" Removable Traffic Black Line Mask	5.73	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0003	LF	8" Removable Traffic Black Line Mask	6.88	
01 55 26 00-0004		**Temporary Preformed Traffic Line Tape** *(01 55 26)*		
		Note: Includes installation and removal after use.		
01 55 26 00-0005	LF	4" Reflective Removable Traffic Line Tape	5.79	
01 55 26 00-0006	LF	6" Reflective Removable Traffic Line Tape	7.85	
01 55 26 00-0007	LF	8" Reflective Removable Traffic Line Tape	9.79	
01 55 26 00-0008		**Temporary Painted Traffic Lines** *(01 55 26)*		
		Note: Includes installation and removal after use.		
01 55 26 00-0009	LF	4" Temporary Painted Traffic Lines	2.65	
		Note: Includes removal after use		
		For Not Removed, Deduct	*-1.86*	
01 55 26 00-0010	LF	6" Temporary Painted Traffic Lines	3.52	
		Note: Includes removal after use		
		For Not Removed, Deduct	*-2.52*	
01 55 26 00-0011	LF	8" Temporary Painted Traffic Lines	4.40	
		Note: Includes removal after use		
		For Not Removed, Deduct	*-3.22*	
01 55 26 00-0012		**Temporary Pedestrian Traffic Control** *(01 55 26)*		
01 55 26 00-0013	CLF	1", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange	12.27	
01 55 26 00-0014	CLF	2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange	16.00	
01 55 26 00-0015	CLF	3/4", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow	9.67	
01 55 26 00-0016	CLF	2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow	11.83	
01 55 26 00-0017	CLF	3", 4 Mil Polyethylene Printed Barricade Tape, Non-Fluorescent	12.85	
01 55 26 00-0018	CLF	6", 4 Mil Polyethylene Printed Barricade Tape, Non-Fluorescent	17.57	
01 55 26 00-0019	CLF	1" Exterior Vinyl Warning Tape	14.51	
01 55 26 00-0020	CLF	2" Exterior Vinyl Warning Tape	20.24	
01 55 26 00-0021	CLF	3" Exterior Vinyl Warning Tape	25.33	
01 55 26 00-0022	CLF	4" Exterior Vinyl Warning Tape	29.62	
01 55 26 00-0023		**Linear Delineation System, Temporary Or Permanent** *(01 55 26)*		
		Note: High visibility reflective sheeting strips. Scotchlite as manufactured by 3M.		
01 55 26 00-0024	LF	4" Linear Delineation System	12.19	
01 55 26 00-0025	LF	6" Linear Delineation System	16.43	
01 55 26 00-0026		**Temporary Traffic Protection** *(01 55 26)*		
01 55 26 00-0027		**Temporary Portable Traffic Control Device Usage** *(01 55 26 00-0026)*		
		Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0132 for Initial delivery, placement and final removal of temporary traffic devices, 01 55 26 00-0147 for daily (or as needed) placement and removal of temporary traffice devices.		
01 55 26 00-0028	DAY	28" Cone With Reflective Collar	0.91	
01 55 26 00-0029	WK	28" Cone With Reflective Collar	2.73	
01 55 26 00-0030	MO	28" Cone With Reflective Collar	8.19	
01 55 26 00-0031	DAY	Vertical Panel	2.75	
01 55 26 00-0032	WK	Vertical Panel	8.25	
01 55 26 00-0033	MO	Vertical Panel	24.75	
01 55 26 00-0034	DAY	Channelizer Drum	2.99	
01 55 26 00-0035	WK	Channelizer Drum	8.96	
01 55 26 00-0036	MO	Channelizer Drum	26.87	
01 55 26 00-0037	DAY	Stackable Channelizer Panel	1.41	
01 55 26 00-0038	WK	Stackable Channelizer Panel	4.24	
01 55 26 00-0039	MO	Stackable Channelizer Panel	12.71	
01 55 26 00-0040	DAY	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side	1.95	
01 55 26 00-0041	WK	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side	5.86	
01 55 26 00-0042	MO	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side	17.59	
01 55 26 00-0043	DAY	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side	4.33	
01 55 26 00-0044	WK	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side	13.00	
01 55 26 00-0045	MO	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side	39.00	
01 55 26 00-0046	DAY	Type III Barricade, Up To 5' Wide With Three Reflective Rails	4.94	
01 55 26 00-0047	WK	Type III Barricade, Up To 5' Wide With Three Reflective Rails	14.81	
01 55 26 00-0048	MO	Type III Barricade, Up To 5' Wide With Three Reflective Rails	44.44	
01 55 26 00-0049	DAY	Type III Barricade, >5' To 10' Wide With Three Reflective Rails	9.03	
01 55 26 00-0050	WK	Type III Barricade, >5' To 10' Wide With Three Reflective Rails	27.10	
01 55 26 00-0051	MO	Type III Barricade, >5' To 10' Wide With Three Reflective Rails	81.30	
01 55 26 00-0052	DAY	Up To 10' Wide A Frame Barricade	4.95	
01 55 26 00-0053	WK	Up To 10' Wide A Frame Barricade	14.86	
01 55 26 00-0054	MO	Up To 10' Wide A Frame Barricade	44.59	
01 55 26 00-0055	DAY	Type A Or C Flasher	1.01	
01 55 26 00-0056	WK	Type A Or C Flasher	3.03	
01 55 26 00-0057	MO	Type A Or C Flasher	9.09	
01 55 26 00-0058	DAY	Type B High Intensity Flasher	5.48	
01 55 26 00-0059	WK	Type B High Intensity Flasher	16.43	
01 55 26 00-0060	MO	Type B High Intensity Flasher	49.30	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0061		**Temporary Traffic Barriers Usage** *(01 55 26 00-0026)* Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0132 for delivery, placing and removal.		
01 55 26 00-0062	DAY	6' Long Portable Parking Curbs	2.36	
01 55 26 00-0063	WK	6' Long Portable Parking Curbs	7.08	
01 55 26 00-0064	MO	6' Long Portable Parking Curbs	21.23	
01 55 26 00-0065	DAY	6' Long Portable Speed Bumps	6.98	
01 55 26 00-0066	WK	6' Long Portable Speed Bumps	20.95	
01 55 26 00-0067	MO	6' Long Portable Speed Bumps	62.84	
01 55 26 00-0068	DAY	8' To 12.5' Concrete Traffic Barrier	16.77	
01 55 26 00-0069	WK	8' To 12.5' Concrete Traffic Barrier	50.32	
01 55 26 00-0070	MO	8' To 12.5' Concrete Traffic Barrier	150.96	
01 55 26 00-0071	DAY	>12.5' To 20' Concrete Traffic Barrier	33.55	
01 55 26 00-0072	WK	>12.5' To 20' Concrete Traffic Barrier	100.64	
01 55 26 00-0073	MO	>12.5' To 20' Concrete Traffic Barrier	301.92	
01 55 26 00-0074	DAY	6' x 32" Tall Plastic Water Barrier	20.03	
01 55 26 00-0075	WK	6' x 32" Tall Plastic Water Barrier	60.09	
01 55 26 00-0076	MO	6' x 32" Tall Plastic Water Barrier	180.27	
01 55 26 00-0077	DAY	6' x 46" Tall Plastic Water Barrier	28.60	
01 55 26 00-0078	WK	6' x 46" Tall Plastic Water Barrier	85.80	
01 55 26 00-0079	MO	6' x 46" Tall Plastic Water Barrier	257.41	
01 55 26 00-0080	DAY	Sand Filled Crash Attenuator Barrels	11.19	
01 55 26 00-0081	WK	Sand Filled Crash Attenuator Barrels	33.58	
01 55 26 00-0082	MO	Sand Filled Crash Attenuator Barrels	100.75	
01 55 26 00-0083		**Temporary Portable Signs And Message Displays Usage** *(01 55 26 00-0026)* Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0132 for delivery, placing and removal.		
01 55 26 00-0084	DAY	Mesh Or Vinyl Roll-up Sign With Stand	8.79	
01 55 26 00-0085	WK	Mesh Or Vinyl Roll-up Sign With Stand	26.37	
01 55 26 00-0086	MO	Mesh Or Vinyl Roll-up Sign With Stand	79.10	
01 55 26 00-0087	DAY	18" x 18" Aluminum Construction Sign, With Portable Stand	3.45	
01 55 26 00-0088	WK	18" x 18" Aluminum Construction Sign, With Portable Stand	10.35	
01 55 26 00-0089	MO	18" x 18" Aluminum Construction Sign, With Portable Stand	31.05	
01 55 26 00-0090	DAY	30" x 24" Aluminum Construction Sign, With Portable Stand	4.79	
01 55 26 00-0091	WK	30" x 24" Aluminum Construction Sign, With Portable Stand	14.37	
01 55 26 00-0092	MO	30" x 24" Aluminum Construction Sign, With Portable Stand	43.10	
01 55 26 00-0093	DAY	30" x 30" Aluminum Construction Sign, With Portable Stand	4.24	
01 55 26 00-0094	WK	30" x 30" Aluminum Construction Sign, With Portable Stand	12.72	
01 55 26 00-0095	MO	30" x 30" Aluminum Construction Sign, With Portable Stand	38.16	
01 55 26 00-0096	DAY	48" x 18" Aluminum Construction Sign, With Portable Stand	5.24	
01 55 26 00-0097	WK	48" x 18" Aluminum Construction Sign, With Portable Stand	15.71	
01 55 26 00-0098	MO	48" x 18" Aluminum Construction Sign, With Portable Stand	47.14	
01 55 26 00-0099	DAY	48" x 24" Aluminum Construction Sign, With Portable Stand	6.14	
01 55 26 00-0100	WK	48" x 24" Aluminum Construction Sign, With Portable Stand	18.41	
01 55 26 00-0101	MO	48" x 24" Aluminum Construction Sign, With Portable Stand	55.22	
01 55 26 00-0102	DAY	48" x 30" Aluminum Construction Sign, With Portable Stand	7.03	
01 55 26 00-0103	WK	48" x 30" Aluminum Construction Sign, With Portable Stand	21.10	
01 55 26 00-0104	MO	48" x 30" Aluminum Construction Sign, With Portable Stand	63.30	
01 55 26 00-0105	DAY	48" x 36" Aluminum Construction Sign, With Portable Stand	7.93	
01 55 26 00-0106	WK	48" x 36" Aluminum Construction Sign, With Portable Stand	23.79	
01 55 26 00-0107	MO	48" x 36" Aluminum Construction Sign, With Portable Stand	71.38	
01 55 26 00-0108	DAY	48" x 48" Aluminum Construction Sign, With Portable Stand	9.73	
01 55 26 00-0109	WK	48" x 48" Aluminum Construction Sign, With Portable Stand	29.18	
01 55 26 00-0110	MO	48" x 48" Aluminum Construction Sign, With Portable Stand	87.55	
01 55 26 00-0111	DAY	60" x 24" Aluminum Construction Sign, With Portable Stand	9.58	
01 55 26 00-0112	WK	60" x 24" Aluminum Construction Sign, With Portable Stand	28.73	
01 55 26 00-0113	MO	60" x 24" Aluminum Construction Sign, With Portable Stand	86.20	
01 55 26 00-0114	DAY	60" x 30" Aluminum Construction Sign, With Portable Stand	10.70	
01 55 26 00-0115	WK	60" x 30" Aluminum Construction Sign, With Portable Stand	32.10	
01 55 26 00-0116	MO	60" x 30" Aluminum Construction Sign, With Portable Stand	96.30	
01 55 26 00-0117	DAY	60" x 36" Aluminum Construction Sign, With Portable Stand	11.82	
01 55 26 00-0118	WK	60" x 36" Aluminum Construction Sign, With Portable Stand	35.47	
01 55 26 00-0119	MO	60" x 36" Aluminum Construction Sign, With Portable Stand	106.40	
01 55 26 00-0120	DAY	Aluminum Sign And Post	4.97	
01 55 26 00-0121	WK	Aluminum Sign And Post	14.91	
01 55 26 00-0122	MO	Aluminum Sign And Post	44.74	
01 55 26 00-0123	DAY	Trailer Mounted Flashing Arrow Board	159.67	
01 55 26 00-0124	WK	Trailer Mounted Flashing Arrow Board	441.94	
01 55 26 00-0125	MO	Trailer Mounted Flashing Arrow Board	1,168.99	
01 55 26 00-0126	DAY	Trailer Mounted Portable Variable Message Sign (PVMS)	352.98	
01 55 26 00-0127	WK	Trailer Mounted Portable Variable Message Sign (PVMS)	941.28	
01 55 26 00-0128	MO	Trailer Mounted Portable Variable Message Sign (PVMS)	1,882.56	
01 55 26 00-0129	DAY	Two Head, Trailer Mounted Traffic Signal System, Per Set Of Two Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer.	1,495.13	
01 55 26 00-0130	WK	Two Head, Trailer Mounted Traffic Signal System, Per Set Of Two Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer.	4,485.39	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0131	MO	Two Head, Trailer Mounted Traffic Signal System, Per Set Of Two Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer.	13,456.17	

01 55 26 00-0132 Initial Delivery, Placement And Final Removal From Site Of Temporary Traffic Protection Using Truck *(01 55 26 00-0026)*

Note: Includes delivery and return up to 15 miles. See CSI section 01 55 26 00-0147 for daily (or as needed) placement and removal of temporary traffice devices, 01 74 19 00-0040 for delivery >15 miles.

01 55 26 00-0133	EA	Initial Delivery, Placement And Final Removal From Site Of Up To 250 Temporary Traffic Cones Using Truck	4.40	
01 55 26 00-0134	EA	Initial Delivery, Placement And Final Removal From Site Of >250 Temporary Traffic Cones Using Truck	3.85	
01 55 26 00-0135	EA	Initial Delivery, Placement And Final Removal From Site Of Up To 250 Temporary Traffic Panels/Channelizers Using Truck	7.26	
01 55 26 00-0136	EA	Initial Delivery, Placement And Final Removal From Site Of >250 Temporary Traffic Panels/Channelizers Using Truck	6.05	
01 55 26 00-0137	EA	Initial Delivery, Placement And Final Removal From Site Of Up To 250 Temporary Traffic Barricades Using Truck	11.00	
01 55 26 00-0138	EA	Initial Delivery, Placement And Final Removal From Site Of >250 Temporary Traffic Barricades Using Truck	8.79	
01 55 26 00-0139	EA	Initial Delivery, Placement And Final Removal From Site Of Temporary Traffic Curbs/Speed Bumps Using Truck	11.00	
01 55 26 00-0140	EA	Initial Delivery, Placement And Final Removal From Site Of Temporary Traffic Portable Sign And Stand Using Truck	6.60	
01 55 26 00-0141	EA	Initial Delivery, Placement And Final Removal From Site Of Temporary Traffic Aluminum Sign And Post Using Truck	27.50	
01 55 26 00-0142	EA	Initial Delivery, Placement And Final Removal From Site Of Temporary Traffic Trailer Mounted Boards And Signals Using Truck	82.49	
01 55 26 00-0143	EA	Initial Delivery, Placement And Final Removal From Site Of Temporary 8' To 12.5' Concrete Traffic Barrier Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	111.79	
		For 1 Barrier, Add	*279.48*	
		For 2 Barriers, Add	*100.61*	
		For 3 Barriers, Add	*33.54*	
01 55 26 00-0144	EA	Initial Delivery, Placement And Final Removal From Site Of Temporary >12.5' To 20' Concrete Traffic Barrier Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	167.69	
		For 1 Barrier, Add	*419.23*	
		For 2 Barriers, Add	*150.92*	
		For 3 Barriers, Add	*50.31*	
01 55 26 00-0145	EA	Initial Delivery, Placement And Final Removal From Site Of Temporary Traffic Plastic Water Barrier Note: Includes additional water as needed. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for Equipment Usage, 01 71 13 00-0000 for mobilization tasks.	63.56	
		For 1 Barrier, Add	*139.75*	
		For 2 Barriers, Add	*50.31*	
		For 3 Barriers, Add	*16.77*	
01 55 26 00-0146	EA	Initial Delivery, Placement And Final Removal From Site Of Temporary Traffic Crash Attenuator Barrels Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	83.84	
		For 1 Barrier, Add	*209.60*	
		For 2 Barriers, Add	*75.46*	
		For 3 Barriers, Add	*25.15*	

01 55 26 00-0147 Placement And Remove Temporary Traffic Protection From Roadside Or Work Area (Daily Or As Required) *(01 55 26 00-0026)*

01 55 26 00-0148	EA	Placement And Removal Of Up To 250 Temporary Traffic Cones By Hand From Roadside Or Work Area	2.75	
01 55 26 00-0149	EA	Placement And Removal Of >250 Temporary Traffic Cones By Hand From Roadside Or Work Area	2.20	
01 55 26 00-0150	EA	Placement And Removal Of Up To 250 Temporary Traffic Panels/Channelizers By Hand From Roadside Or Work Area	3.67	
01 55 26 00-0151	EA	Placement And Removal Of >250 Temporary Traffic Panels/Channelizers By Hand From Roadside Or Work Area	2.92	
01 55 26 00-0152	EA	Placement And Removal Of Up To 250 Temporary Traffic Barricades By Hand From Roadside Or Work Area	5.50	
01 55 26 00-0153	EA	Placement And Removal Of >250 Temporary Traffic Barricades By Hand From Roadside Or Work Area	4.40	
01 55 26 00-0154	EA	Placement And Removal Of Temporary Traffic Portable Sign And Stand From Roadside Or Work Area	3.34	
01 55 26 00-0155	EA	Placement And Removal Of Temporary Traffic Trailer Mounted Boards And Signals From Roadside Or Work Area	41.24	
01 55 26 00-0156	EA	Relocation Of Temporary Traffic Concrete Traffic Barrier From Roadside Or Work Area Note: Excludes flatbed truck. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rental tasks, 01 71 13 00-0000 for mobilization.	55.90	

01 55 26 00-0157 Place And Remove Temporary Signs For Detours *(01 55 26 00-0026)*

01 55 26 00-0158 Temporary Reflectorized Signs For Detours *(01 55 26 00-0157)*

Note: Excludes posts.

01 55 26 00-0159 Temporary Aluminum Engineer Grade Stop Signs For Detours *(01 55 26 00-0158)*

01 55 26 00-0160	EA	Temporary 18" x 18" Aluminum Engineer Grade Stop Sign For Detours	104.60	
		For Hi-Intensity Grade, Add	*10.19*	
		For Diamond Grade, Add	*19.37*	
01 55 26 00-0161	EA	Temporary 18" x 24" Aluminum Engineer Grade Stop Sign For Detours	118.98	
		For Hi-Intensity Grade, Add	*13.33*	
		For Diamond Grade, Add	*25.33*	
01 55 26 00-0162	EA	Temporary 24" x 24" Aluminum Engineer Grade Stop Sign For Detours	128.14	
		For Hi-Intensity Grade, Add	*20.36*	
		For Diamond Grade, Add	*32.29*	
01 55 26 00-0163	EA	Temporary 30" x 30" Aluminum Engineer Grade Stop Sign For Detours	146.00	
		For Hi-Intensity Grade, Add	*7.63*	
		For Diamond Grade, Add	*41.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0164	EA	Temporary 36" x 36" Aluminum Engineer Grade Stop Sign For Detours	188.26	
		For Hi-Intensity Grade, Add	*22.43*	
		For Diamond Grade, Add	*70.34*	

01 55 26 00-0165 Other Temporary Reflectorized Traffic Signs For Detours *(01 55 26 00-0158)*

Note: Other traffic signs includes reserve, handicap, visitor, no parking, property, speed limit, tow away, ADA, parking time limit, parking exclusive area, school, traffic/caution, etc. Excludes posts.

01 55 26 00-0166 Temporary Aluminum Engineer Grade Traffic Signs For Detours *(01 55 26 00-0165)*

01 55 26 00-0167	EA	Temporary 6" x 12" Aluminum Engineer Grade Traffic Sign For Detours	71.20	
		For Hi-Intensity Grade, Add	*2.53*	
01 55 26 00-0168	EA	Temporary 6" x 18" Aluminum Engineer Grade Traffic Sign For Detours	75.41	
		For Hi-Intensity Grade, Add	*3.79*	
01 55 26 00-0169	EA	Temporary 9" x 12" Aluminum Engineer Grade Traffic Sign For Detours	75.41	
		For Hi-Intensity Grade, Add	*3.79*	
01 55 26 00-0170	EA	Temporary 9" x 15" Aluminum Engineer Grade Traffic Sign For Detours	78.56	
		For Hi-Intensity Grade, Add	*4.73*	
01 55 26 00-0171	EA	Temporary 9" x 18" Aluminum Engineer Grade Traffic Sign For Detours	81.72	
		For Hi-Intensity Grade, Add	*5.68*	
01 55 26 00-0172	EA	Temporary 9" x 24" Aluminum Engineer Grade Traffic Sign For Detours	91.95	
		For Hi-Intensity Grade, Add	*7.58*	
01 55 26 00-0173	EA	Temporary 9" x 48" Aluminum Engineer Grade Traffic Sign For Detours	117.21	
		For Hi-Intensity Grade, Add	*15.15*	
01 55 26 00-0174	EA	Temporary 12" x 12" Aluminum Engineer Grade Traffic Sign For Detours	79.62	
		For Hi-Intensity Grade, Add	*5.05*	
01 55 26 00-0175	EA	Temporary 12" x 18" Aluminum Engineer Grade Traffic Sign For Detours	91.95	
		For Hi-Intensity Grade, Add	*7.58*	
01 55 26 00-0176	EA	Temporary 12" x 24" Aluminum Engineer Grade Traffic Sign For Detours	100.37	
		For Hi-Intensity Grade, Add	*10.10*	
01 55 26 00-0177	EA	Temporary 12" x 30" Aluminum Engineer Grade Traffic Sign For Detours	108.79	
		For Hi-Intensity Grade, Add	*12.63*	
01 55 26 00-0178	EA	Temporary 12" x 36" Aluminum Engineer Grade Traffic Sign For Detours	117.21	
		For Hi-Intensity Grade, Add	*15.15*	
01 55 26 00-0179	EA	Temporary 18" x 18" Aluminum Engineer Grade Traffic Sign For Detours	104.58	
		For Hi-Intensity Grade, Add	*11.36*	
01 55 26 00-0180	EA	Temporary 18" x 24" Aluminum Engineer Grade Traffic Sign For Detours	117.21	
		For Hi-Intensity Grade, Add	*15.15*	
01 55 26 00-0181	EA	Temporary 18" x 30" Aluminum Engineer Grade Traffic Sign For Detours	133.76	
		For Hi-Intensity Grade, Add	*18.94*	
01 55 26 00-0182	EA	Temporary 18" x 36" Aluminum Engineer Grade Traffic Sign For Detours	146.38	
		For Hi-Intensity Grade, Add	*22.73*	
01 55 26 00-0183	EA	Temporary 18" x 54" Aluminum Engineer Grade Traffic Sign For Detours	199.96	
		For Hi-Intensity Grade, Add	*34.09*	
01 55 26 00-0184	EA	Temporary 24" x 24" Aluminum Engineer Grade Traffic Sign For Detours	137.97	
		For Hi-Intensity Grade, Add	*20.21*	
01 55 26 00-0185	EA	Temporary 24" x 30" Aluminum Engineer Grade Traffic Sign For Detours	154.80	
		For Hi-Intensity Grade, Add	*25.25*	
01 55 26 00-0186	EA	Temporary 24" x 36" Aluminum Engineer Grade Traffic Sign For Detours	171.64	
		For Hi-Intensity Grade, Add	*30.31*	
01 55 26 00-0187	EA	Temporary 24" x 42" Aluminum Engineer Grade Traffic Sign For Detours	204.17	
		For Hi-Intensity Grade, Add	*35.36*	
01 55 26 00-0188	EA	Temporary 24" x 48" Aluminum Engineer Grade Traffic Sign For Detours	221.01	
		For Hi-Intensity Grade, Add	*40.41*	
01 55 26 00-0189	EA	Temporary 24" x 54" Aluminum Engineer Grade Traffic Sign For Detours	237.85	
		For Hi-Intensity Grade, Add	*45.46*	
01 55 26 00-0190	EA	Temporary 30" x 30" Aluminum Engineer Grade Traffic Sign For Detours	175.85	
		For Hi-Intensity Grade, Add	*31.57*	
01 55 26 00-0191	EA	Temporary 30" x 36" Aluminum Engineer Grade Traffic Sign For Detours	212.59	
		For Hi-Intensity Grade, Add	*37.88*	
01 55 26 00-0192	EA	Temporary 30" x 42" Aluminum Engineer Grade Traffic Sign For Detours	233.64	
		For Hi-Intensity Grade, Add	*44.20*	
01 55 26 00-0193	EA	Temporary 30" x 48" Aluminum Engineer Grade Traffic Sign For Detours	270.37	
		For Hi-Intensity Grade, Add	*50.51*	
01 55 26 00-0194	EA	Temporary 30" x 60" Aluminum Engineer Grade Traffic Sign For Detours	328.15	
		For Hi-Intensity Grade, Add	*63.14*	
01 55 26 00-0195	EA	Temporary 36" x 36" Aluminum Engineer Grade Traffic Sign For Detours	237.85	
		For Hi-Intensity Grade, Add	*45.46*	
01 55 26 00-0196	EA	Temporary 36" x 42" Aluminum Engineer Grade Traffic Sign For Detours	278.79	
		For Hi-Intensity Grade, Add	*53.03*	
01 55 26 00-0197	EA	Temporary 36" x 48" Aluminum Engineer Grade Traffic Sign For Detours	319.74	
		For Hi-Intensity Grade, Add	*60.61*	
01 55 26 00-0198	EA	Temporary 36" x 54" Aluminum Engineer Grade Traffic Sign For Detours	344.99	
		For Hi-Intensity Grade, Add	*68.19*	
01 55 26 00-0199	EA	Temporary 36" x 60" Aluminum Engineer Grade Traffic Sign For Detours	385.94	
		For Hi-Intensity Grade, Add	*75.76*	
01 55 26 00-0200	EA	Temporary 36" x 73" Aluminum Engineer Grade Traffic Sign For Detours	456.35	
		For Hi-Intensity Grade, Add	*92.18*	
01 55 26 00-0201	EA	Temporary 36" x 78" Aluminum Engineer Grade Traffic Sign For Detours	477.40	
		For Hi-Intensity Grade, Add	*98.49*	
01 55 26 00-0202	EA	Temporary 36" x 108" Aluminum Engineer Grade Traffic Sign For Detours	627.21	
		For Hi-Intensity Grade, Add	*136.37*	
01 55 26 00-0203	EA	Temporary 42" x 42" Aluminum Engineer Grade Traffic Sign For Detours	323.94	
		For Hi-Intensity Grade, Add	*61.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0204	EA	Temporary 48" x 48" Aluminum Engineer Grade Traffic Sign For Detours	402.78	
		For Hi-Intensity Grade, Add	*80.81*	
01 55 26 00-0205	EA	Temporary 48" x 54" Aluminum Engineer Grade Traffic Sign For Detours	452.14	
		For Hi-Intensity Grade, Add	*90.92*	
01 55 26 00-0206	EA	Temporary 48" x 60" Aluminum Engineer Grade Traffic Sign For Detours	485.82	
		For Hi-Intensity Grade, Add	*101.02*	
01 55 26 00-0207	EA	Temporary 48" x 66" Aluminum Engineer Grade Traffic Sign For Detours	543.03	
		For Hi-Intensity Grade, Add	*111.12*	
01 55 26 00-0208	EA	Temporary 48" x 72" Aluminum Engineer Grade Traffic Sign For Detours	576.70	
		For Hi-Intensity Grade, Add	*121.22*	
01 55 26 00-0209	EA	Temporary 48" x 84" Aluminum Engineer Grade Traffic Sign For Detours	659.75	
		For Hi-Intensity Grade, Add	*141.43*	
01 55 26 00-0210	EA	Temporary 48" x 96" Aluminum Engineer Grade Traffic Sign For Detours	727.09	
		For Hi-Intensity Grade, Add	*161.63*	
01 55 26 00-0211	EA	Temporary 48" x 102" Aluminum Engineer Grade Traffic Sign For Detours	760.76	
		For Hi-Intensity Grade, Add	*171.73*	
01 55 26 00-0212	EA	Temporary 48" x 108" Aluminum Engineer Grade Traffic Sign For Detours	802.28	
		For Hi-Intensity Grade, Add	*181.83*	
01 55 26 00-0213	EA	Temporary 60" x 72" Aluminum Engineer Grade Traffic Sign For Detours	693.42	
		For Hi-Intensity Grade, Add	*151.53*	
01 55 26 00-0214	EA	Temporary 78" x 96" Aluminum Engineer Grade Traffic Sign For Detours	1,071.66	
		For Hi-Intensity Grade, Add	*262.65*	

01 55 26 00-0215 Temporary Overhead Sign Structures For Detours *(01 55 26 00-0157)*

Note: Including horizontal Z-bars.

01 55 26 00-0216	SF	From 30 To 360 SF Signs For Temporary Overhead Sign Structures For Detours	22.50	
		For Over 10' High, Add	*13.00*	

01 55 26 00-0217 Temporary Sign Posts For Detours *(01 55 26 00-0157)*

Note: Excludes sign.

01 55 26 00-0218 Temporary U-Channel Sign Posts For Detours *(01 55 26 00-0217)*

Note: Excludes digging and concrete.

01 55 26 00-0219 Temporary Baked Enamel U-Channel Sign Posts For Detours *(01 55 26 00-0218)*

01 55 26 00-0220	EA	Temporary 3' To 4' Baked Enamel U-Channel Sign Post Base For Detours	93.03	
01 55 26 00-0221	EA	Temporary 6' Baked Enamel U-Channel Sign Post For Detours	120.83	
01 55 26 00-0222	EA	Temporary 7' Baked Enamel U-Channel Sign Post For Detours	144.43	
01 55 26 00-0223	EA	Temporary 8' Baked Enamel U-Channel Sign Post For Detours	168.98	
01 55 26 00-0224	EA	Temporary 10' Baked Enamel U-Channel Sign Post For Detours	204.18	
01 55 26 00-0225	EA	Temporary 12' Baked Enamel U-Channel Sign Post For Detours	216.82	

01 55 26 00-0226 Temporary Galvanized Steel U-Channel Sign Posts For Detours *(01 55 26 00-0218)*

01 55 26 00-0227	EA	Temporary 3' To 4' Galvanized Steel U-Channel Sign Post Base For Detours	99.02	
01 55 26 00-0228	EA	Temporary 6' Galvanized Steel U-Channel Sign Post For Detours	130.33	
01 55 26 00-0229	EA	Temporary 7' Galvanized Steel U-Channel Sign Post For Detours	165.93	
01 55 26 00-0230	EA	Temporary 8' Galvanized Steel U-Channel Sign Post For Detours	192.74	
01 55 26 00-0231	EA	Temporary 10' Galvanized Steel U-Channel Sign Post For Detours	221.48	
01 55 26 00-0232	EA	Temporary 12' Galvanized Steel U-Channel Sign Post For Detours	231.87	

01 55 26 00-0233 Temporary Fiberglass Or Composite Plastic U-Channel Sign Posts For Detours *(01 55 26 00-0218)*

01 55 26 00-0234	EA	Temporary 3' To 4' Fiberglass Or Composite Plastic U-Channel Sign Post Base For Detours	91.62	
01 55 26 00-0235	EA	Temporary 6' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours	117.75	
01 55 26 00-0236	EA	Temporary 7' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours	140.72	
01 55 26 00-0237	EA	Temporary 8' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours	164.56	
01 55 26 00-0238	EA	Temporary 10' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours	196.16	
01 55 26 00-0239	EA	Temporary 12' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours	212.07	

01 55 26 00-0240 Temporary Tubular Sign Posts For Detours *(01 55 26 00-0217)*

Note: Excludes digging and concrete.

01 55 26 00-0241 Temporary 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours *(01 55 26 00-0240)*

01 55 26 00-0242	EA	Temporary 6', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours	131.31	
01 55 26 00-0243	EA	Temporary 7', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours	156.17	
01 55 26 00-0244	EA	Temporary 8', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours	184.03	
01 55 26 00-0245	EA	Temporary 10', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours	234.48	
01 55 26 00-0246	EA	Temporary 12', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours	253.45	

01 55 26 00-0247 Temporary Square Sign Posts For Detours *(01 55 26 00-0217)*

Note: Excludes digging and concrete.

01 55 26 00-0248 Temporary Galvanized Steel Square Sign Posts For Detours *(01 55 26 00-0247)*

01 55 26 00-0249	EA	Temporary 3' To 4' Galvanized Steel Square Sign Post Base For Detours	100.35	
01 55 26 00-0250	EA	Temporary 6' Galvanized Steel Square Sign Post For Detours	152.84	
01 55 26 00-0251	EA	Temporary 7' Galvanized Steel Square Sign Post For Detours	179.93	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0252	EA	Temporary 8' Galvanized Steel Square Sign Post For Detours	209.88	
01 55 26 00-0253	EA	Temporary 10' Galvanized Steel Square Sign Post For Detours	256.06	
01 55 26 00-0254	EA	Temporary 12' Galvanized Steel Square Sign Post For Detours	275.44	
01 55 26 00-0255		Temporary Breakaway Sign Posts And Bases For Detours *(01 55 26 00-0157)*		
		Note: For breakaway post systems, base posts are driven in, sign posts bolted to base post using lap splice hardware kit. Excludes sign.		
01 55 26 00-0256		Temporary 2.5 Lb./LF Breakaway Sign Posts And Base Posts For Detours *(01 55 26 00-0255)*		
01 55 26 00-0257		Temporary Base Posts, 2.5 Lb./LF, For Breakaway Sign Posts For Detours *(01 55 26 00-0256)*		
01 55 26 00-0258	EA	Temporary Base Post for 2.5 Lb./LF, Breakaway Sign Post For Detours	115.81	
01 55 26 00-0259	EA	Temporary Lap Splice Hardware For 2.5 Lb./LF, Breakaway Sign Post For Detours	71.35	
01 55 26 00-0260		Temporary Breakaway Sign Posts, 2.5 Lb./LF For Detours *(01 55 26 00-0256)*		
01 55 26 00-0261	LF	Temporary Breakaway Sign Post, 2.5 Lb./LF For Detours	13.16	
01 55 26 00-0262		Temporary 4 Lb./LF Breakaway Sign Posts And Base Posts For Detours *(01 55 26 00-0255)*		
01 55 26 00-0263		Temporary Base Posts, 4 Lb./LF, For Breakaway Sign Posts For Detours *(01 55 26 00-0262)*		
01 55 26 00-0264	EA	Temporary Base Post for 4 Lb./LF, Breakaway Sign Post For Detours	119.38	
01 55 26 00-0265	EA	Temporary Lap Splice Hardware for 4 Lb./LF, Breakaway Sign Post For Detours	71.35	
01 55 26 00-0266		Temporary Breakaway Sign Posts, 4 Lb./LF For Detours *(01 55 26 00-0262)*		
01 55 26 00-0267	LF	Temporary Breakaway Sign Post, 4 Lb./LF For Detours	15.37	
01 55 26 00-0268		Temporary Driven Sign Posts For Detours *(01 55 26 00-0255)*		
01 55 26 00-0269		Temporary Driven Posts, 2.5 Lb./LF For Detours *(01 55 26 00-0268)*		
01 55 26 00-0270	LF	Temporary Driven Post, 2.5 Lb./LF For Detours	15.24	
		For Each Soil Plate, Add	*3.00*	
01 55 26 00-0271		Temporary Driven Posts, 4 Lb./LF For Detours *(01 55 26 00-0268)*		
01 55 26 00-0272	LF	Temporary Driven Post, 4 Lb./LF For Detours	18.50	
		For Each Soil Plate, Add	*3.00*	
01 55 26 00-0273		Temporary Omni-Directional Breakaway System For Sign Posts And Light Poles For Detours *(01 55 26 00-0255)*		
01 55 26 00-0274		Temporary Omni-Directional Breakaway Systems For Signs For Detours *(01 55 26 00-0273)*		
		Note: Break-Safe as manufactured by Transpo Industries. Organized by post type and size. Includes hinges, anchors, all associated parts and drilling.		
01 55 26 00-0275	EA	Temporary Omni-Directional Breakaway System For 6" To 8" Wide Flange (Tramspo B525)	1,236.62	
01 55 26 00-0276	EA	Temporary Omni-Directional Breakaway System For 10" To 21" Wide Flange (Tramspo B650)	1,317.84	
01 55 26 00-0277	EA	Temporary Omni-Directional Breakaway System For Standard I Beam Or W6x9 Flange (Tramspo AI4 And AI6)	903.45	
01 55 26 00-0278	EA	Temporary Omni-Directional Breakaway System For 3" To 4.5" Outside Diameter Pipe (Tramspo A3 And A4.5)	791.30	
01 55 26 00-0279	EA	Temporary Omni-Directional Breakaway System For Square Tube (Tramspo AS3 And AS4)	897.23	
01 55 26 00-0280	EA	Temporary Omni-Directional Breakaway System For U-Channels (Tramspo AU4 To AU6)	853.61	
01 55 26 00-0281	EA	Temporary Omni-Directional Breakaway System For U-Channels Embedded (Tramspo AUX4 To AUX6)	793.50	
01 55 26 00-0282		Temporary Omni-Directional Breakaway Systems For Poles For Detours *(01 55 26 00-0273)*		
		Note: Pole-Safe As Manufactured By Transpo Industries. Organized by bolt size. Includes four couplings, all associated parts, drilling and can be for new or for retrofitting existing poles.		
01 55 26 00-0283	EA	Temporary Omni-Directional Breakaway System For Poles With 5/8" Couplings	447.38	
01 55 26 00-0284	EA	Temporary Omni-Directional Breakaway System For Poles With 3/4" Couplings	469.09	
01 55 26 00-0285	EA	Temporary Omni-Directional Breakaway System For Poles With 1" Couplings	487.11	
01 55 26 00-0286	EA	Temporary Omni-Directional Breakaway System For Poles With 1 1/4" Couplings	739.63	
01 55 26 00-0287	EA	Temporary Skirt For Omni-Directional Breakaway System For Poles With Bolt Circle Diameter Of 10" To Less Than 15"	64.95	
01 55 26 00-0288	EA	Temporary Skirt For Omni-Directional Breakaway System For Poles With Bolt Circle Diameter Of 15" To 20"	86.60	
01 55 26 00-0289		Temporary Rumble Strips *(01 55 26)*		
		Note: Includes removal after use.		
01 55 26 00-0290	LF	1/4" High, 4" Wide, Polymer Tape Temporary Rumble Strip	14.52	
01 55 26 00-0291	LF	1/2" High, 3-1/2" Wide, Polycarbonate Temporary Rumble Strip	10.49	

01 56 Temporary Barriers and Enclosures *(01 50)*

Note: Includes removal after use.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 56 16 Temporary Dust Barriers *(01 56)*

01 56 16 00-0001 Temporary Sheeting For Protection *(01 56 16)*

Note: Includes removal after use.

01 56 16 00-0002	SF	6 Mil, Plastic Sheeting, Applied To Floors Note: Includes removal after use.	0.44	
01 56 16 00-0003	SF	6 Mil, Plastic Sheeting, Applied To Walls Note: Includes removal after use.	0.57	
01 56 16 00-0004	SF	6 Mil, Plastic Sheeting, Applied To Ceilings Note: Includes removal after use.	0.76	
01 56 16 00-0005	SF	6 Mil, Plastic Sheeting, Applied To Scaffolding Note: Includes removal after use.	0.74	
01 56 16 00-0006	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Floors Note: Includes removal after use.	0.52	
01 56 16 00-0007	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Walls Note: Includes removal after use.	0.65	
01 56 16 00-0008	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Ceilings Note: Includes removal after use.	0.84	
01 56 16 00-0009	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Scaffolding Note: Includes removal after use.	0.78	
01 56 16 00-0010	SF	10 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Scaffolding Note: Includes removal after use.	1.00	
01 56 16 00-0011	SF	6 Mil, Fire Retardant, Anti-static, Plastic Sheeting, Applied To Floors Note: Includes removal after use.	0.55	
01 56 16 00-0012	SF	6 Mil, Fire Retardant, Anti-static, Plastic Sheeting, Applied To Walls Note: Includes removal after use.	0.68	
01 56 16 00-0013	SF	6 Mil, Fire Retardant, Anti-static, Plastic Sheeting, Applied To Ceilings Note: Includes removal after use.	0.87	
01 56 16 00-0014	SF	6 Mil, Fire Retardant, Anti-static, Plastic Sheeting, Applied To Scaffolding Note: Includes removal after use.	0.81	
01 56 16 00-0015	SF	6 Mil, Reinforced, Plastic Sheeting, Applied To Floors Note: Includes removal after use.	0.54	
01 56 16 00-0016	SF	6 Mil, Reinforced, Plastic Sheeting, Applied To Walls Note: Includes removal after use.	0.67	
01 56 16 00-0017	SF	6 Mil, Reinforced, Plastic Sheeting, Applied To Ceilings Note: Includes removal after use.	0.86	
01 56 16 00-0018	SF	6 Mil, Reinforced, Plastic Sheeting, Applied To Scaffolding Note: Includes removal after use.	0.80	
01 56 16 00-0019	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Floors Note: Includes removal after use.	0.61	
01 56 16 00-0020	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Walls Note: Includes removal after use.	0.74	
01 56 16 00-0021	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Ceilings Note: Includes removal after use.	0.93	
01 56 16 00-0022	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Scaffolding Note: Includes removal after use.	0.87	

01 56 16 00-0023 Temporary Stud Wall *(01 56 16)*

Note: Includes removal after use.

01 56 16 00-0024 Temporary Stud Wall With Drywall *(01 56 16 00-0023)*

Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, drywall taped and finished and removal after use. Excludes paint.

01 56 16 00-0025 Temporary Stud Wall With Drywall *(01 56 16 00-0024)*

01 56 16 00-0026	SF	3/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.51	
		For Metal Studs 24" On Center, Add/Deduct		*0.97*
01 56 16 00-0027	SF	1/2" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.51	
		For Metal Studs 24" On Center, Add/Deduct		*0.97*
01 56 16 00-0028	SF	5/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.64	
		For Metal Studs 24" On Center, Add/Deduct		*0.97*
01 56 16 00-0029	SF	3/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	9.04	
		For Metal Studs 24" On Center, Add/Deduct		*1.06*
01 56 16 00-0030	SF	1/2" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	9.04	
		For Metal Studs 24" On Center, Add/Deduct		*1.06*
01 56 16 00-0031	SF	5/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	9.31	
		For Metal Studs 24" On Center, Add/Deduct		*1.06*

01 56 16 00-0032 Temporary Stud Wall With Fire Rated Drywall *(01 56 16 00-0024)*

01 56 16 00-0033	SF	1/2" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.66	
		For Metal Studs 24" On Center, Add/Deduct		*0.97*
01 56 16 00-0034	SF	5/8" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.71	
		For Metal Studs 24" On Center, Add/Deduct		*0.97*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 16 00-0035	SF	5/8" Type X Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.63	
		For Metal Studs 24" On Center, Add/Deduct	*0.97*	
01 56 16 00-0036	SF	3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	7.67	
		For Metal Studs 24" On Center, Add/Deduct	*0.97*	
01 56 16 00-0037	SF	1/2" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	9.35	
		For Metal Studs 24" On Center, Add/Deduct	*1.06*	
01 56 16 00-0038	SF	5/8" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	9.44	
		For Metal Studs 24" On Center, Add/Deduct	*1.06*	
01 56 16 00-0039	SF	5/8" Type X Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	9.28	
		For Metal Studs 24" On Center, Add/Deduct	*1.06*	
01 56 16 00-0040	SF	3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	11.37	
		For Metal Studs 24" On Center, Add/Deduct	*1.06*	

01 56 16 00-0041 Temporary Stud Wall With Oriented Strand Board (OSB) *(01 56 16 00-0023)*

Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, oriented strand board (OSB) wall sheathing, and removal after use. Excludes paint.

01 56 16 00-0042	SF	7/16" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.24	
		For Metal Studs 24" On Center, Add/Deduct	*0.97*	
01 56 16 00-0043	SF	1/2" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.29	
		For Metal Studs 24" On Center, Add/Deduct	*0.97*	
01 56 16 00-0044	SF	5/8" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.42	
		For Metal Studs 24" On Center, Add/Deduct	*0.97*	
01 56 16 00-0045	SF	3/4" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.49	
		For Metal Studs 24" On Center, Add/Deduct	*0.97*	
01 56 16 00-0046	SF	7/16" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	8.51	
		For Metal Studs 24" On Center, Add/Deduct	*1.06*	
01 56 16 00-0047	SF	1/2" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	8.60	
		For Metal Studs 24" On Center, Add/Deduct	*1.06*	
01 56 16 00-0048	SF	5/8" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	8.86	
		For Metal Studs 24" On Center, Add/Deduct	*1.06*	
01 56 16 00-0049	SF	3/4" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	9.00	
		For Metal Studs 24" On Center, Add/Deduct	*1.06*	

01 56 16 00-0050 Temporary Stud Wall With BC Plywood *(01 56 16 00-0023)*

Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, interior/exterior BC plywood wall sheathing, and removal after use. Excludes paint.

01 56 16 00-0051	SF	3/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.55	
		For Metal Studs 24" On Center, Add/Deduct	*0.97*	
01 56 16 00-0052	SF	1/2" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.72	
		For Metal Studs 24" On Center, Add/Deduct	*0.97*	
01 56 16 00-0053	SF	5/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	7.01	
		For Metal Studs 24" On Center, Add/Deduct	*0.97*	
01 56 16 00-0054	SF	3/4" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	7.17	
		For Metal Studs 24" On Center, Add/Deduct	*0.97*	
01 56 16 00-0055	SF	3/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	9.13	
		For Metal Studs 24" On Center, Add/Deduct	*1.06*	
01 56 16 00-0056	SF	1/2" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	9.46	
		For Metal Studs 24" On Center, Add/Deduct	*1.06*	
01 56 16 00-0057	SF	5/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	10.05	
		For Metal Studs 24" On Center, Add/Deduct	*1.06*	
01 56 16 00-0058	SF	3/4" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	10.36	
		For Metal Studs 24" On Center, Add/Deduct	*1.06*	

01 56 16 00-0059 Temporary Stud Wall With Plastic Sheeting *(01 56 16 00-0023)*

Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, 6 Mil plastic sheeting, and removal after use.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 16 00-0060	SF	6 Mil, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	3.72	
		For Metal Studs 24" On Center, Add/Deduct	*0.85*	
01 56 16 00-0061	SF	6 Mil, Fire Retardant, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	3.80	
		For Metal Studs 24" On Center, Add/Deduct	*0.85*	
01 56 16 00-0062	SF	6 Mil, Fire Retardant, Anti-static, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	3.83	
		For Metal Studs 24" On Center, Add/Deduct	*0.85*	
01 56 16 00-0063	SF	6 Mil, Reinforced, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	3.82	
		For Metal Studs 24" On Center, Add/Deduct	*0.85*	
01 56 16 00-0064	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	3.89	
		For Metal Studs 24" On Center, Add/Deduct	*0.85*	

01 56 16 00-0065 Temporary Doors *(01 56 16 00-0023)*

Note: For temporary stud walls. Includes removal after use.

01 56 16 00-0066	EA	Temporary Metal Door And Frame Note: Painted with panic hardware, lockset, threshold and smoke seals. Remove after use.	581.11	

01 56 16 00-0067 Temporary Floor Protection *(01 56 16)*

Note: Includes removal after use.

01 56 16 00-0068	SF	1/8" Thick, Masonite For Temporary Floor Protection Note: Includes removal after use.	1.78	
01 56 16 00-0069	SF	1/2" Thick, Plywood For Temporary Floor Protection Note: Includes removal after use.	1.87	
01 56 16 00-0070	SF	3/4" Thick, Plywood For Temporary Floor Protection Note: Includes removal after use.	2.12	
01 56 16 00-0071	LF	38" Wide, 46 Mil Fiberboard, Ram Board® For Temporary Floor Protection Note: Includes removal after use.	0.95	
01 56 16 00-0072	LF	36" Wide, 9 Mil, Regular Weight Red Rosin Paper, For Temporary Floor Protection Note: Includes removal after use.	0.38	
01 56 16 00-0073	CSF	3 Mil, Temporary Self-adhesive Carpet Protection Film Note: Includes removal after use.	29.51	
01 56 16 00-0074	LF	36" Wide, 10 Mil, Non-Flame Retardant, Leak-Proof, Dust-Free And Slip Resistant, Reusable Protective Floor Covering For Temporary Floor Protection Note: Includes removal after use.	0.68	
		For Seam Tape, Add Per LF	*0.28*	
01 56 16 00-0075	LF	36" Wide, 10 Mil, Flame Retardant, Leak-Proof, Dust-Free And Slip Resistant, Reusable Protective Floor Covering For Temporary Floor Protection Note: Includes removal after use.	0.79	
		For Seam Tape, Add Per LF	*0.28*	

01 56 16 00-0076 Sticky Mats *(01 56 16)*

Note: Includes removal after use.

01 56 16 00-0077	EA	18" x 36", 30 Layer Sticky Mat Note: Includes removal after use.	40.22	
		For 60 Layers Instead Of 30, Add	*26.24*	
01 56 16 00-0078	EA	18" x 46", 30 Layer Sticky Mat Note: Includes removal after use.	46.05	
		For 60 Layers Instead Of 30, Add	*30.61*	
01 56 16 00-0079	EA	24" x 36", 30 Layer Sticky Mat Note: Includes removal after use.	46.05	
		For 60 Layers Instead Of 30, Add	*30.61*	
01 56 16 00-0080	EA	25" x 45", 30 Layer Sticky Mat Note: Includes removal after use.	60.63	
		For 60 Layers Instead Of 30, Add	*41.54*	
01 56 16 00-0081	EA	36" x 36", 30 Layer Sticky Mat Note: Includes removal after use.	66.46	
		For 60 Layers Instead Of 30, Add	*45.92*	
01 56 16 00-0082	EA	36" x 46", 30 Layer Sticky Mat Note: Includes removal after use.	72.29	
		For 60 Layers Instead Of 30, Add	*50.29*	
01 56 16 00-0083	EA	36" x 60", 30 Layer Sticky Mat Note: Includes removal after use.	145.17	
		For 60 Layers Instead Of 30, Add	*104.95*	
01 56 16 00-0084	EA	36" x 72", 30 Layer Sticky Mat Note: Includes removal after use.	173.15	

01 56 26 Temporary Fencing *(01 56)*

01 56 26 00-0001 Temporary Fencing *(01 56 26)*

Note: Per ASTM A392-06 Standards

01 56 26 00-0002 Temporary Chain Link Fence *(01 56 26 00-0001)*

Note: Includes delivery, set-up (driving posts) and removal. Excludes auguring/drilling for posts. See CSI section 02 41 19 13-0080 for core drilling in asphalt or concrete, 32 31 13 13-0001 for augering and backfill of posts.

01 56 26 00-0003 Temporary Chain Link Fence, Up To 6 Months *(01 56 26 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0004	LF	Temporary 4' High Chain Link Fence And Posts, Up To 6 Months	7.75	
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.36*	
		For >500, Deduct	*-0.54*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0005	LF	Temporary 6' High Chain Link Fence And Posts, Up To 6 Months	8.63	
		For >100 To 250, Deduct	*-0.20*	
		For >250 To 500, Deduct	*-0.40*	
		For >500, Deduct	*-0.60*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0006	LF	Temporary 8' High Chain Link Fence And Posts, Up To 6 Months	11.84	
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.68*	
		For >500, Deduct	*-1.02*	
		For Each LF Shade Cloth, Add	*3.60*	
01 56 26 00-0007	LF	Temporary 10' High Chain Link Fence And Posts, Up To 6 Months	25.79	
		For >100 To 250, Deduct	*-1.01*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-3.04*	
		For Each LF Shade Cloth, Add	*4.75*	

01 56 26 00-0008 Temporary Chain Link Fence, >6 To 12 Months *(01 56 26 00-0002)*

01 56 26 00-0009	LF	Temporary 4' High Chain Link Fence And Posts, >6 To 12 Months	8.12	
		For >100 To 250, Deduct	*-0.20*	
		For >250 To 500, Deduct	*-0.39*	
		For >500, Deduct	*-0.59*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0010	LF	Temporary 6' High Chain Link Fence And Posts, >6 To 12 Months	9.03	
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.44*	
		For >500, Deduct	*-0.66*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0011	LF	Temporary 8' High Chain Link Fence And Posts, >6 To 12 Months	12.51	
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.75*	
		For >500, Deduct	*-1.12*	
		For Each LF Shade Cloth, Add	*3.60*	
01 56 26 00-0012	LF	Temporary 10' High Chain Link Fence And Posts, >6 To 12 Months	27.81	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-3.34*	
		For Each LF Shade Cloth, Add	*4.75*	

01 56 26 00-0013 Temporary Chain Link Fence, >12 To 18 Months *(01 56 26 00-0002)*

01 56 26 00-0014	LF	Temporary 4' High Chain Link Fence And Posts, >12 To 18 Months	8.52	
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.43*	
		For >500, Deduct	*-0.65*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0015	LF	Temporary 6' High Chain Link Fence And Posts, >12 To 18 Months	9.49	
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.49*	
		For >500, Deduct	*-0.73*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0016	LF	Temporary 8' High Chain Link Fence And Posts, >12 To 18 Months	13.27	
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.82*	
		For >500, Deduct	*-1.24*	
		For Each LF Shade Cloth, Add	*3.60*	
01 56 26 00-0017	LF	Temporary 10' High Chain Link Fence And Posts, >12 To 18 Months	30.04	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-2.45*	
		For >500, Deduct	*-3.67*	
		For Each LF Shade Cloth, Add	*4.75*	

01 56 26 00-0018 Temporary Chain Link Fence, >18 Months *(01 56 26 00-0002)*

01 56 26 00-0019	LF	Temporary 4' High Chain Link Fence And Posts, >18 Months	8.94	
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.48*	
		For >500, Deduct	*-0.71*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0020	LF	Temporary 6' High Chain Link Fence And Posts, >18 Months	9.94	
		For >100 To 250, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-0.53*	
		For >500, Deduct	*-0.80*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0021	LF	Temporary 8' High Chain Link Fence And Posts, >18 Months	14.08	
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.91*	
		For >500, Deduct	*-1.36*	
		For Each LF Shade Cloth, Add	*3.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0022	LF	Temporary 10' High Chain Link Fence And Posts, >18 Months	32.48	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-4.04*	
		For Each LF Shade Cloth, Add	*4.75*	

01 56 26 00-0023 Temporary Chain Link Fence Gates *(01 56 26 00-0001)*

Note: Includes delivery, set-up (driving posts) and removal. Excludes auguring/drilling for posts. See CSI section 02 41 19 13-0080 for core drilling in asphalt or concrete, 32 31 13 13-0001 for augering and backfill of posts.

01 56 26 00-0024 Temporary Chain Link Fence Gates, Up To 6 Months *(01 56 26 00-0023)*

01 56 26 00-0025 4' High, Temporary Chain Link Fence Gates, Up To 6 Months *(01 56 26 00-0024)*

01 56 26 00-0026	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	306.05	
		For Each LF Shade Cloth, Add	*16.99*	
01 56 26 00-0027	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	521.42	
		For Each LF Shade Cloth, Add	*42.48*	
01 56 26 00-0028	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	583.50	
		For Each LF Shade Cloth, Add	*50.98*	
01 56 26 00-0029	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	664.40	
		For Each LF Shade Cloth, Add	*63.72*	
01 56 26 00-0030	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	795.36	
		For Each LF Shade Cloth, Add	*84.96*	
01 56 26 00-0031	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	885.82	
		For Each LF Shade Cloth, Add	*101.96*	

01 56 26 00-0032 6' High, Temporary Chain Link Fence Gates, Up To 6 Months *(01 56 26 00-0024)*

01 56 26 00-0033	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	327.91	
		For Each LF Shade Cloth, Add	*27.08*	
01 56 26 00-0034	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	563.65	
		For Each LF Shade Cloth, Add	*67.71*	
01 56 26 00-0035	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	632.21	
		For Each LF Shade Cloth, Add	*81.25*	
01 56 26 00-0036	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	733.23	
		For Each LF Shade Cloth, Add	*101.56*	
01 56 26 00-0037	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	886.05	
		For Each LF Shade Cloth, Add	*135.41*	
01 56 26 00-0038	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	1,006.51	
		For Each LF Shade Cloth, Add	*162.49*	

01 56 26 00-0039 8' High, Temporary Chain Link Fence Gates, Up To 6 Months *(01 56 26 00-0024)*

01 56 26 00-0040	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	366.34	
		For Each LF Shade Cloth, Add	*38.23*	
01 56 26 00-0041	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	646.71	
		For Shade Cloth, Add	*95.58*	
01 56 26 00-0042	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	722.85	
		For Shade Cloth, Add	*114.70*	
01 56 26 00-0043	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	827.89	
		For Shade Cloth, Add	*143.38*	
01 56 26 00-0044	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	1,011.80	
		For Shade Cloth, Add	*191.17*	
01 56 26 00-0045	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	1,176.15	
		For Shade Cloth, Add	*229.40*	

01 56 26 00-0046 10' High, Temporary Chain Link Fence Gates, Up To 6 Months *(01 56 26 00-0024)*

01 56 26 00-0047	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	443.39	
		For Each LF Shade Cloth, Add	*50.45*	
01 56 26 00-0048	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	774.64	
		For Each LF Shade Cloth, Add	*126.12*	
01 56 26 00-0049	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	867.63	
		For Each LF Shade Cloth, Add	*151.34*	
01 56 26 00-0050	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	992.23	
		For Each LF Shade Cloth, Add	*189.18*	
01 56 26 00-0051	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	1,212.95	
		For Each LF Shade Cloth, Add	*252.23*	
01 56 26 00-0052	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	1,403.47	
		For Each LF Shade Cloth, Add	*302.68*	

01 56 26 00-0053 Temporary Chain Link Fence Gates, >6 To 12 Months *(01 56 26 00-0023)*

01 56 26 00-0054 4' High, Temporary Chain Link Fence Gates, >6 To 12 Months *(01 56 26 00-0053)*

01 56 26 00-0055	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	317.43	
		For Each LF Shade Cloth, Add	*16.99*	
01 56 26 00-0056	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	539.12	
		For Each LF Shade Cloth, Add	*42.48*	
01 56 26 00-0057	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	603.72	
		For Each LF Shade Cloth, Add	*50.98*	
01 56 26 00-0058	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	687.16	
		For Each LF Shade Cloth, Add	*63.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0059	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	823.18	
		For Each LF Shade Cloth, Add	*84.96*	
01 56 26 00-0060	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	916.17	
		For Each LF Shade Cloth, Add	*101.96*	
01 56 26 00-0061		**6' High, Temporary Chain Link Fence Gates, >6 To 12 Months** *(01 56 26 00-0053)*		
01 56 26 00-0062	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	339.81	
		For Each LF Shade Cloth, Add	*27.08*	
01 56 26 00-0063	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	582.15	
		For Each LF Shade Cloth, Add	*67.71*	
01 56 26 00-0064	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	653.36	
		For Each LF Shade Cloth, Add	*81.25*	
01 56 26 00-0065	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	757.02	
		For Each LF Shade Cloth, Add	*101.56*	
01 56 26 00-0066	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	915.13	
		For Each LF Shade Cloth, Add	*135.41*	
01 56 26 00-0067	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	1,038.23	
		For Each LF Shade Cloth, Add	*162.49*	
01 56 26 00-0068		**8' High, Temporary Chain Link Fence Gates, >6 To 12 Months** *(01 56 26 00-0053)*		
01 56 26 00-0069	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	379.42	
		For Each LF Shade Cloth, Add	*38.23*	
01 56 26 00-0070	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	667.06	
		For Shade Cloth, Add	*95.58*	
01 56 26 00-0071	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	746.12	
		For Shade Cloth, Add	*114.70*	
01 56 26 00-0072	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	854.07	
		For Shade Cloth, Add	*143.38*	
01 56 26 00-0073	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	1,043.79	
		For Shade Cloth, Add	*191.17*	
01 56 26 00-0074	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	1,211.05	
		For Shade Cloth, Add	*229.40*	
01 56 26 00-0075		**10' High, Temporary Chain Link Fence Gates, >6 To 12 Months** *(01 56 26 00-0053)*		
01 56 26 00-0076	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	459.74	
		For Each LF Shade Cloth, Add	*50.45*	
01 56 26 00-0077	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	800.09	
		For Each LF Shade Cloth, Add	*126.12*	
01 56 26 00-0078	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	896.71	
		For Each LF Shade Cloth, Add	*151.34*	
01 56 26 00-0079	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	1,024.95	
		For Each LF Shade Cloth, Add	*189.18*	
01 56 26 00-0080	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	1,252.94	
		For Each LF Shade Cloth, Add	*252.23*	
01 56 26 00-0081	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	1,447.09	
		For Each LF Shade Cloth, Add	*302.68*	
01 56 26 00-0082		**Temporary Chain Link Fence Gates, >12 To 18 Months** *(01 56 26 00-0023)*		
01 56 26 00-0083		**4' High, Temporary Chain Link Fence Gates, >12 To 18 Months** *(01 56 26 00-0082)*		
01 56 26 00-0084	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	329.37	
		For Each LF Shade Cloth, Add	*16.99*	
01 56 26 00-0085	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	557.70	
		For Each LF Shade Cloth, Add	*42.48*	
01 56 26 00-0086	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	624.97	
		For Each LF Shade Cloth, Add	*50.98*	
01 56 26 00-0087	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	711.06	
		For Each LF Shade Cloth, Add	*63.72*	
01 56 26 00-0088	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	852.38	
		For Each LF Shade Cloth, Add	*84.96*	
01 56 26 00-0089	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	948.03	
		For Each LF Shade Cloth, Add	*101.96*	
01 56 26 00-0090		**6' High, Temporary Chain Link Fence Gates, >12 To 18 Months** *(01 56 26 00-0082)*		
01 56 26 00-0091	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	352.30	
		For Each LF Shade Cloth, Add	*27.08*	
01 56 26 00-0092	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	601.58	
		For Each LF Shade Cloth, Add	*67.71*	
01 56 26 00-0093	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	675.57	
		For Each LF Shade Cloth, Add	*81.25*	
01 56 26 00-0094	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	782.01	
		For Each LF Shade Cloth, Add	*101.56*	
01 56 26 00-0095	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	945.67	
		For Each LF Shade Cloth, Add	*135.41*	
01 56 26 00-0096	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,071.54	
		For Each LF Shade Cloth, Add	*162.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0097		**8' High, Temporary Chain Link Fence Gates, >12 To 18 Months** *(01 56 26 00-0082)*		
01 56 26 00-0098	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	393.16	
		For Each LF Shade Cloth, Add	*38.23*	
01 56 26 00-0099	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	688.43	
		For Shade Cloth, Add	*95.58*	
01 56 26 00-0100	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	770.55	
		For Shade Cloth, Add	*114.70*	
01 56 26 00-0101	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	881.55	
		For Shade Cloth, Add	*143.38*	
01 56 26 00-0102	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,077.38	
		For Shade Cloth, Add	*191.17*	
01 56 26 00-0103	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,247.69	
		For Shade Cloth, Add	*229.40*	
01 56 26 00-0104		**10' High, Temporary Chain Link Fence Gates, >12 To 18 Months** *(01 56 26 00-0082)*		
01 56 26 00-0105	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	476.92	
		For Each LF Shade Cloth, Add	*50.45*	
01 56 26 00-0106	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	826.81	
		For Each LF Shade Cloth, Add	*126.12*	
01 56 26 00-0107	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	927.25	
		For Each LF Shade Cloth, Add	*151.34*	
01 56 26 00-0108	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,059.30	
		For Each LF Shade Cloth, Add	*189.18*	
01 56 26 00-0109	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,294.92	
		For Each LF Shade Cloth, Add	*252.23*	
01 56 26 00-0110	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,492.89	
		For Each LF Shade Cloth, Add	*302.68*	
01 56 26 00-0111		**Temporary Chain Link Fence Gates, >18 Months** *(01 56 26 00-0023)*		
01 56 26 00-0112		**4' High, Temporary Chain Link Fence Gates, >18 Months** *(01 56 26 00-0111)*		
01 56 26 00-0113	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	341.32	
		For Each LF Shade Cloth, Add	*16.99*	
01 56 26 00-0114	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	576.29	
		For Each LF Shade Cloth, Add	*42.48*	
01 56 26 00-0115	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	646.21	
		For Each LF Shade Cloth, Add	*50.98*	
01 56 26 00-0116	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	734.95	
		For Each LF Shade Cloth, Add	*63.72*	
01 56 26 00-0117	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	881.59	
		For Each LF Shade Cloth, Add	*84.96*	
01 56 26 00-0118	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	979.89	
		For Each LF Shade Cloth, Add	*101.96*	
01 56 26 00-0119		**6' High, Temporary Chain Link Fence Gates, >18 Months** *(01 56 26 00-0111)*		
01 56 26 00-0120	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	364.79	
		For Each LF Shade Cloth, Add	*27.08*	
01 56 26 00-0121	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	621.01	
		For Each LF Shade Cloth, Add	*67.71*	
01 56 26 00-0122	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	697.77	
		For Each LF Shade Cloth, Add	*81.25*	
01 56 26 00-0123	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	806.99	
		For Each LF Shade Cloth, Add	*101.56*	
01 56 26 00-0124	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	976.20	
		For Each LF Shade Cloth, Add	*135.41*	
01 56 26 00-0125	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	1,104.85	
		For Each LF Shade Cloth, Add	*162.49*	
01 56 26 00-0126		**8' High, Temporary Chain Link Fence Gates, >18 Months** *(01 56 26 00-0111)*		
01 56 26 00-0127	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	406.90	
		For Each LF Shade Cloth, Add	*38.23*	
01 56 26 00-0128	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	709.81	
		For Shade Cloth, Add	*95.58*	
01 56 26 00-0129	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	794.97	
		For Shade Cloth, Add	*114.70*	
01 56 26 00-0130	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	909.03	
		For Shade Cloth, Add	*143.38*	
01 56 26 00-0131	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	1,110.96	
		For Shade Cloth, Add	*191.17*	
01 56 26 00-0132	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	1,284.33	
		For Shade Cloth, Add	*229.40*	
01 56 26 00-0133		**10' High, Temporary Chain Link Fence Gates, >18 Months** *(01 56 26 00-0111)*		
01 56 26 00-0134	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	494.09	
		For Each LF Shade Cloth, Add	*50.45*	
01 56 26 00-0135	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	853.52	
		For Each LF Shade Cloth, Add	*126.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0136	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	957.78	
		For Each LF Shade Cloth, Add	*151.34*	
01 56 26 00-0137	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	1,093.65	
		For Each LF Shade Cloth, Add	*189.18*	
01 56 26 00-0138	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	1,336.90	
		For Each LF Shade Cloth, Add	*252.23*	
01 56 26 00-0139	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	1,538.69	
		For Each LF Shade Cloth, Add	*302.68*	

01 56 26 00-0140 Temporary Chain Link Fence Panels (Portable) *(01 56 26 00-0001)*

Note: Includes delivery, set-up and removal. Excludes sandbags.

01 56 26 00-0141 Temporary Chain Link Fence Panels (Portable), Up To 6 Months *(01 56 26 00-0140)*

01 56 26 00-0142	LF	Temporary 4' High Chain Link Fence Panels (Portable), Up To 6 Months	8.45	
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.43*	
		For >500, Deduct	*-0.64*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0143	LF	Temporary 6' High Chain Link Fence Panels (Portable), Up To 6 Months	9.39	
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.48*	
		For >500, Deduct	*-0.72*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0144	LF	Temporary 8' High Chain Link Fence Panels (Portable), Up To 6 Months	12.75	
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.77*	
		For >500, Deduct	*-1.16*	
		For Each LF Shade Cloth, Add	*3.60*	

01 56 26 00-0145 Temporary Chain Link Fence Panels (Portable), >6 To 12 Months *(01 56 26 00-0140)*

01 56 26 00-0146	LF	Temporary 4' High Chain Link Fence Panels (Portable), >6 To 12 Months	8.82	
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.46*	
		For >500, Deduct	*-0.70*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0147	LF	Temporary 6' High Chain Link Fence Panels (Portable), >6 To 12 Months	9.79	
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.52*	
		For >500, Deduct	*-0.78*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0148	LF	Temporary 8' High Chain Link Fence Panels (Portable), >6 To 12 Months	13.43	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.84*	
		For >500, Deduct	*-1.26*	
		For Each LF Shade Cloth, Add	*3.60*	

01 56 26 00-0149 Temporary Chain Link Fence Panels (Portable), >12 To 18 Months *(01 56 26 00-0140)*

01 56 26 00-0150	LF	Temporary 4' High Chain Link Fence Panels (Portable), >12 To 18 Months	9.19	
		For >100 To 250, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.50*	
		For >500, Deduct	*-0.75*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0151	LF	Temporary 6' High Chain Link Fence Panels (Portable), >12 To 18 Months	10.25	
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.57*	
		For >500, Deduct	*-0.85*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0152	LF	Temporary 8' High Chain Link Fence Panels (Portable), >12 To 18 Months	14.19	
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.92*	
		For >500, Deduct	*-1.37*	
		For Each LF Shade Cloth, Add	*3.60*	

01 56 26 00-0153 Temporary Chain Link Fence Panels (Portable), >18 Months *(01 56 26 00-0140)*

01 56 26 00-0154	LF	Temporary 4' High Chain Link Fence Panels (Portable), >18 Months	9.65	
		For >100 To 250, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-0.55*	
		For >500, Deduct	*-0.82*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0155	LF	Temporary 6' High Chain Link Fence Panels (Portable), >18 Months	10.71	
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.61*	
		For >500, Deduct	*-0.92*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0156	LF	Temporary 8' High Chain Link Fence Panels (Portable), >18 Months	14.98	
		For >100 To 250, Deduct	*-0.50*	
		For >250 To 500, Deduct	*-1.00*	
		For >500, Deduct	*-1.49*	
		For Each LF Shade Cloth, Add	*3.60*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0157			Temporary Chain Link Fence Panels (Portable) Sandbags *(01 56 26 00-0140)*		
	01 56 26 00-0158	BAG	Temporary Chain Link Fence Panels (Portable) Sandbag Note: Includes placement and removal.	7.77	
01 56 26 00-0159			Relocate Chain Link Fence, Gates And Panels *(01 56 26 00-0001)* Note: Excludes auguring/drilling for posts.		
01 56 26 00-0160			Relocate Temporary Chain Link Fence On Site *(01 56 26 00-0159)*		
	01 56 26 00-0161	LF	Relocate Temporary 4' High Chain Link Fence And Posts	3.79	
	01 56 26 00-0162	LF	Relocate Temporary 6' High Chain Link Fence And Posts	5.69	
	01 56 26 00-0163	LF	Relocate Temporary 8' High Chain Link Fence And Posts	8.22	
	01 56 26 00-0164	LF	Relocate Temporary 10' High Chain Link Fence And Posts	10.11	
01 56 26 00-0165			Relocate Temporary Chain Link Fence Panels On Site *(01 56 26 00-0159)*		
	01 56 26 00-0166	LF	Relocate Temporary 4' High Chain Link Fence Panel, Self Standing	1.04	
	01 56 26 00-0167	LF	Relocate Temporary 6' High Chain Link Fence Panel, Self Standing	1.25	
	01 56 26 00-0168	LF	Relocate Temporary 8' High Chain Link Fence Panel, Self Standing	1.41	
01 56 26 00-0169			Relocate Temporary Chain Link Gates On Site *(01 56 26 00-0159)*		
	01 56 26 00-0170	EA	Relocate Temporary 4' High Chain Link Vehicle Gate And Posts	135.99	
	01 56 26 00-0171	EA	Relocate Temporary 6' High Chain Link Vehicle Gate And Posts	156.91	
	01 56 26 00-0172	EA	Relocate Temporary 8' High Chain Link Vehicle Gate And Posts	193.53	
	01 56 26 00-0173	EA	Relocate Temporary 10' High Chain Link Vehicle Gate And Posts	209.23	
01 56 26 00-0174			Temporary Rail And Timber Structure *(01 56 26)*		
	01 56 26 00-0175	LF	4' High Temporary Rail And Timber Structure Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps	247.66	
	01 56 26 00-0176	LF	6' High Temporary Rail And Timber Structure Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps	353.09	
	01 56 26 00-0177	LF	8' High Temporary Rail And Timber Structure Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps	458.50	
	01 56 26 00-0178	LF	10' High Temporary Rail And Timber Structure Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps	585.26	
	01 56 26 00-0179	LF	12' High Temporary Rail And Timber Structure Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps	680.21	
	01 56 26 00-0180	LF	15' High Temporary Rail And Timber Structure Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps	780.41	
01 56 26 00-0181			Temporary Safety Fence *(01 56 26)* Note: Includes removal after use.		
	01 56 26 00-0182	LF	48" High With Posts At 8' On Center, Plastic Mesh Temporary Safety Fence	3.87	

01 56 29 Temporary Protective Walkways *(01 56)*

01 56 29 00-0001			Temporary Sidewalk Bridge Protection *(01 56 29)*		
01 56 29 00-0002			Installation of Sidewalk Bridge *(01 56 29 00-0001)* Note: Excludes material rental. See CSI section 01 56 29 00-0005 for monthly rental x length.		
	01 56 29 00-0003	LF	Installation of Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system.	179.17	
			For 3 Post System, Add	*6.00*	
			For Each Additional Foot Over 8' Wide, Add	*3.00*	
			For Each Additional Foot Over 8' High, Add	*2.00*	
	01 56 29 00-0004	LF	Installation of Netting for Sidewalk Bridge	4.56	
01 56 29 00-0005			Monthly Rental of Sidewalk Bridge *(01 56 29 00-0001)* Note: Excludes installation set-up and removal. See CSI section 01 56 29 00-0002 for installation set-up, 01 56 29 00-0016 for removal.		
	01 56 29 00-0006	LF	Monthly Rental Of Up To 8' Wide And 8' High, 2 Post System, Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly Note: Includes spanning openings, planking and parapet, lighting and maintenance.	15.89	
			For 3 Post System, Add	*2.38*	
	01 56 29 00-0007	LF	Monthly Rental Of Up To 8' Wide, 8' - 12' High, 2 Post System, Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly Note: Includes spanning openings, planking and parapet, lighting and maintenance.	17.89	
			For 3 Post System, Add	*2.68*	
	01 56 29 00-0008	LF	Monthly Rental Of Up To 8' Wide, Over 12' High, 2 Post System, Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly Note: Includes spanning openings, planking and parapet, lighting and maintenance.	19.88	
			For 3 Post System, Add	*2.98*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 29 00-0009	LF	Monthly Rental Of 8' - 12' Wide And 8' High, 2 Post System, Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly	19.88	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*2.98*	
01 56 29 00-0010	LF	Monthly Rental Of 8' - 12' Wide, 8' - 12' High, 2 Post System, Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly	21.84	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*3.28*	
01 56 29 00-0011	LF	Monthly Rental Of 8' - 12' Wide, Over 12' High, 2 Post System, Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly	25.86	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*3.88*	
01 56 29 00-0012	LF	Monthly Rental Of Over 12' Wide And 8' High, 2 Post System, Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly	23.87	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*3.58*	
01 56 29 00-0013	LF	Monthly Rental Of Over 12' Wide, 8' - 12' High, 2 Post System, Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly	27.84	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*4.18*	
01 56 29 00-0014	LF	Monthly Rental Of Over 12' Wide, Over 12' High, 2 Post System, Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly	29.79	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*4.47*	
01 56 29 00-0015	LF	Monthly Rental of Netting for Sidewalk Bridge	2.98	
01 56 29 00-0016		**Removal of Sidewalk Bridge** *(01 56 29 00-0001)*		
01 56 29 00-0017	LF	Removal Of Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly	37.29	
		Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system.		
		For 3 Post System, Add	*2.50*	
		For Each Additional Foot Over 8' Wide, Add	*1.25*	
		For Each Additional Foot Over 8' High, Add	*0.75*	
01 56 29 00-0018	LF	Removal Of Netting For Sidewalk Bridge	1.56	
01 56 29 00-0019		**Temporary Safety Nets** *(01 56 29)*		
		Note: Includes removal after use.		
01 56 29 00-0020	SF	Small Mesh Debris Netting	2.81	
		Note: Includes 3" molded plastic base plates, plastic cable ties, and 1/4", 7x9 aircraft cable tied off to structure, not including anchors.		
01 56 33		**Temporary Security Barriers** *(01 56)*		
01 56 33 00-0001		**Board-up Opening With Plywood** *(01 56 33)*		
		Note: For use where directed by owner for boarding up door and window openings.		
01 56 33 00-0002	OPNG	Removal Of Protective Barrier To Allow Work In Building, Reseal At End Of Day, Per Opening Per Day	15.70	
01 56 33 00-0003	SF	5/8" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners, For Board-Up Opening	8.55	
01 56 33 00-0004	SF	3/4" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners, For Board-Up Opening	9.89	
01 56 33 00-0005		**Temporary Pedestrian Barricade** *(01 56 33)*		
		Note: Portable, interlocking galvanized steel fence with pivoting legs.		
01 56 33 00-0006	DAY	3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental	14.84	
01 56 33 00-0007	WK	3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental	36.04	
01 56 33 00-0008	MO	3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental	108.13	
01 56 33 00-0009		**Vacant Property Security** *(01 56 33)*		
01 56 33 00-0010	SF	14 Gauge Perforated Steel Security Window Panel With Back Bar Frame	117.57	8.47
		Note: Includes fasteners for securing frame to structure and security fasteners for securing screen to frame.		
01 56 39		**Temporary Tree and Plant Protection** *(01 56)*		
01 56 39 00-0001		**Temporary Tree Guards** *(01 56 39)*		
		Note: Includes digging holes and removal after use.		
01 56 39 00-0002	EA	Up To 4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	223.67	
01 56 39 00-0003	EA	4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	264.09	
01 56 39 00-0004	EA	6' x 6' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	286.79	

01 57 Temporary Controls *(01 50)*

01 57 13 Temporary Erosion and Sediment Control *(01 57)*

See CSI section 31 25 00 00-0000 for temporary erosion and sediment control.

01 57 23 Temporary Storm Water Pollution Control *(01 57)*

See CSI section 31 25 00 00-0000 for temporary storm water pollution control.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 57 23 00-0001		**Temporary Drain Guard** *(01 57 23)* Note: Includes removal after use.		
01 57 23 00-0002	EA	36" x 48" x 18" Non-Woven Polypropylene Trash and Debris Drain Guard (Ultra-Drain Guard® 9227)	118.98	
01 57 23 00-0003	EA	36" x 48" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9217) Note: Up to 0.87 gallons oil, up to 40 Lb. sediment.	116.80	
01 57 23 00-0004	EA	36" x 48" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9219) Note: Up to 1.38 gallons oil, up to 40 Lb. sediment.	147.52	
01 57 23 00-0005	EA	60" x 60" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9356) Note: Up to 1.55 gallons oil, up to 40 Lb. sediment.	145.31	
01 57 23 00-0006	EA	60" x 60" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9358) Note: Up to 2.06 gallons oil, up to 40 Lb. sediment.	178.24	
01 57 26		**Site Watering for Dust Control** *(01 57)*		
01 57 26 00-0001		**Site Watering for Dust Control** *(01 57 26)* See CSI section 31 23 23 23-0001 for water and water truck.		
01 57 26 00-0002	MSF	Apply Synthetic, Liquid Dust Suppression Fluid With GTL Technology (Soil Works Durasoil) Note: GTL (Gas-to-Liquid)	110.42	
01 57 26 00-0003	MSF	Apply 2% Solution Of Biodegradable, Liquid Copolymer Dust Suppression Fluid To Ground (Soil Works Gorrila-Snot)	45.73	
01 57 26 00-0004	MSF	Apply 4% Solution Of Biodegradable, Liquid Copolymer Dust Suppression Fluid To Ground (Soil Works Gorrila-Snot)	68.64	
01 57 26 00-0005	MSF	Apply 8% Solution Of Biodegradable, Liquid Copolymer Dust Suppression Fluid To Ground (Soil Works Gorrila-Snot)	114.44	
01 57 26 00-0006	MSF	Apply 12% Solution Of Biodegradable, Liquid Copolymer Dust Suppression Fluid To Ground (Soil Works Gorrila-Snot)	160.25	

01 58 Project Identification *(01 50)*

Note: Includes removal after use.

01 58 13 Temporary Project Signage *(01 58)*

01 58 13 00-0001		**Project Sign** *(01 58 13)*		
01 58 13 00-0002		**MDO Plywood Signs** *(01 58 13 00-0001)* Note: Excludes posts.		
01 58 13 00-0003		**Reflectorized, MDO Plywood Signs** *(01 58 13 00-0002)*		
01 58 13 00-0004		**Engineer Grade, Reflectorized, MDO Plywood Signs** *(01 58 13 00-0003)*		
01 58 13 00-0005	EA	Up To 8 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	171.81	28.78
		For High-Intensity Grade, Add	*39.99*	
		For Diamond Grade, Add	*77.13*	
01 58 13 00-0006	EA	>8 To 16 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	288.71	30.08
		For High-Intensity Grade, Add	*79.99*	
		For Diamond Grade, Add	*154.27*	
01 58 13 00-0007	EA	>16 To 24 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	405.60	31.38
		For High-Intensity Grade, Add	*119.99*	
		For Diamond Grade, Add	*231.40*	
01 58 13 00-0008	EA	>24 To 32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	522.49	32.70
		For High-Intensity Grade, Add	*159.99*	
		For Diamond Grade, Add	*308.54*	
01 58 13 00-0009	SF	>32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	16.38	1.04
		For High-Intensity Grade, Add	*5.00*	
		For Diamond Grade, Add	*9.64*	
01 58 13 00-0010		**Non-Reflectorized, MDO Plywood Signs** *(01 58 13 00-0002)*		
01 58 13 00-0011		**One Or Two Color Design, Non-Reflectorized, MDO Plywood Signs** *(01 58 13 00-0010)*		
01 58 13 00-0012	EA	Up To 8 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign	219.63	28.78
01 58 13 00-0013	EA	>8 To 16 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign	260.93	30.08
01 58 13 00-0014	EA	>16 To 24 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign	325.25	31.38
01 58 13 00-0015	EA	>24 To 32 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign	385.99	32.70
01 58 13 00-0016	SF	>32 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign	12.12	1.04
01 58 13 00-0017		**Full Color Design, Non-Reflectorized, MDO Plywood Signs** *(01 58 13 00-0010)*		
01 58 13 00-0018	EA	Up To 8 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign	224.19	28.78
01 58 13 00-0019	EA	>8 To 16 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign	285.53	30.08
01 58 13 00-0020	EA	>16 To 24 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign	350.25	31.38
01 58 13 00-0021	EA	>24 To 32 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign	407.42	32.70
01 58 13 00-0022	SF	>32 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign	12.79	1.04
01 58 13 00-0023		**Fabricate And Install New Posts** *(01 58 13 00-0001)* Note: Includes excavation, backfill and compaction. Excludes core drilling.		
01 58 13 00-0024	LF	Galvanized Metal Channel Sign Posts	17.59	
01 58 13 00-0025	LF	4" x 4" Pressure Treated Wood Sign Posts	13.06	
01 58 13 00-0026	LF	4" x 6" Pressure Treated Wood Sign Posts	16.13	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 58 13 00-0027 Owner Supplied Signs *(01 58 13 00-0001)*

01 58 13 00-0028 EA Installation And Removal Of Owner Supplied Project Sign 104.62

01 60 Product Requirements *(01)*

01 65 Product Delivery Requirements *(01 60)*

01 65 00 00-0001 Helicopter Lift *(01 65)*

Note: Includes Helcopter, Crew, Permits, Fuel And Clearances

01 65 00 00-0002 DAY < 3,500 Lb., Helicopter Lift 37,890.97

Note: Maximum of (3) Operations, Helicopter Crew, Helicopter, Rigging. Includes Day Permit for FAA Permit, Street Closure fees and Right of way. Signage , Safety Rigging Landing Plan. Clearing, Cleaning and Delineation of Landing Zone, Drop Zone, and Alternate landing Area. Delineation and closure of Ingress Egress routes.

For Weekend Day Usage, Add *3,500.00*

01 66 Product Storage and Handling Requirements *(01 60)*

01 66 19 Product Handling Requirements *(01 66)*

Note: Not for use in conjunction with other tasks when the distance is less than 2 stories or less than 125'.

01 66 19 00-0001 Transfer Delivered Materials Between Floors *(01 66 19)*

Note: For moving delivered, owner supplied or existing materials in a building.

01 66 19 00-0002 CY Transfer Delivered Material Between Floors Via Stairs, Per Floor 20.12

Note: Quantity equals volume of materials multiplied by number of floors traveled.

01 66 19 00-0003 CY Transfer Delivered Material Between Floors Via Elevator, Per Trip 13.08

Note: Quantity is not multiplied by number of floors traveled. Includes transfer of materials between elevators, if more than one bank of elevators is required.

01 66 19 00-0004 Transfer Delivered Materials Distances Greater Than 125' *(01 66 19)*

Note: For moving delivered, owner supplied or existing materials in a building.

01 66 19 00-0005 CY Transfer Delivered Materials Distances Greater Than 125', Per CY Of Material Per 125' 8.17

01 66 19 00-0006 Transfer Demolition Debris Between Floors *(01 66 19)*

Note: Only for use with demolition tasks.

01 66 19 00-0007 CY Transfer Demolition Debris Between Floors Via Stairs, Per Floor 20.12

Note: Quantity equals material volume times bulk factor times number of floors traveled.

01 66 19 00-0008 CY Transfer Demolition Debris Between Floors Via Elevator, Per Trip 13.08

Note: Quantity is not multiplied by number of floors traveled. Includes transfer of materials between elevators, if more than one bank of elevators is required.

01 66 19 00-0009 Transfer Demolition Debris Distances Greater Than 125' *(01 66 19)*

Note: Only for use with demolition tasks.

01 66 19 00-0010 CY Transfer Demolition Debris Distances Greater Than 125', Per CY Of Material Per 125' 8.17

01 66 19 00-0011 Moving Furniture And Furnishings *(01 66 19)*

Note: To be used when contractor is required to move furniture and furnishings occupying 55% or more of the total floor space.

01 66 19 00-0012 SF Removal, Transportation, Return And Reinstallation Of Office Furniture And Furnishings 1.30

Note: Includes desks, tables, file cabinets, chairs, storage boxes, bookshelves, office equipment, computers, and other furniture and furnishings. Quantity equals total floor space.

01 70 Execution and Closeout Requirements *(01)*

01 71 Examination and Preparation *(01 70)*

01 71 13 Mobilization *(01 71)*

01 71 13 00-0001 Equipment Delivery, Pickup, Mobilization And Demobilization *(01 71 13)*

Note: Excludes flagman for traffic control where necessary. Per each mobilization delivery.

01 71 13 00-0002 EA Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck 549.07

Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom man lifts with up to 40' boom lengths, etc.

01 71 13 00-0003 EA Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed 1,676.60

Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy-duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom man lifts with >40' boom lengths, etc.

01 71 13 00-0004 Crane Delivery, Pickup, Mobilization And Demobilization *(01 71 13)*

Note: Includes delivery of equipment, off loading on site and rigging. Pick-up (return) includes dismantling, loading and transporting away. Excludes flagman for traffic control where necessary.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 71 13 00-0005	EA	Up To 20 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	585.67	
		For >30 To 60 Miles Radius, Add	*146.42*	
		For >60 To 100 Miles Radius, Add	*234.27*	
01 71 13 00-0006	EA	>20 To 40 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	951.72	
		For >30 To 60 Miles Radius, Add	*237.93*	
		For >60 To 100 Miles Radius, Add	*380.69*	
01 71 13 00-0007	EA	>40 To 70 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	1,317.76	
		For >30 To 60 Miles Radius, Add	*329.44*	
		For >60 To 100 Miles Radius, Add	*527.10*	
01 71 13 00-0008	EA	>70 To 110 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	2,123.06	
		For >30 To 60 Miles Radius, Add	*530.77*	
		For >60 To 100 Miles Radius, Add	*849.22*	
01 71 13 00-0009	EA	>110 To 125 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	2,664.81	
		For >30 To 60 Miles Radius, Add	*666.20*	
		For >60 To 100 Miles Radius, Add	*1,065.92*	
01 71 13 00-0010	EA	>125 To 150 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	3,316.37	
		For >30 To 60 Miles Radius, Add	*829.09*	
		For >60 To 100 Miles Radius, Add	*1,326.55*	
01 71 13 00-0011	EA	>150 To 185 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	3,821.51	
		For >30 To 60 Miles Radius, Add	*955.38*	
		For >60 To 100 Miles Radius, Add	*1,528.60*	
01 71 13 00-0012	EA	>185 To 210 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	4,275.41	
		For >30 To 60 Miles Radius, Add	*1,068.85*	
		For >60 To 100 Miles Radius, Add	*1,710.16*	
01 71 13 00-0013	EA	75 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	2,269.48	
		For >30 To 60 Miles Radius, Add	*567.37*	
		For >60 To 100 Miles Radius, Add	*907.79*	
01 71 13 00-0014	EA	100 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	3,587.24	
		For >30 To 60 Miles Radius, Add	*896.81*	
		For >60 To 100 Miles Radius, Add	*1,434.90*	
01 71 13 00-0015	EA	125 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	4,538.96	
		For >30 To 60 Miles Radius, Add	*1,134.74*	
		For >60 To 100 Miles Radius, Add	*1,815.58*	
01 71 13 00-0016	EA	150 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	5,637.10	
		For >30 To 60 Miles Radius, Add	*1,409.28*	
		For >60 To 100 Miles Radius, Add	*2,254.84*	
01 71 13 00-0017	EA	200 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	7,028.07	
		For >30 To 60 Miles Radius, Add	*1,757.02*	
		For >60 To 100 Miles Radius, Add	*2,811.23*	
01 71 13 00-0018	EA	250 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	8,199.41	
		For >30 To 60 Miles Radius, Add	*2,049.85*	
		For >60 To 100 Miles Radius, Add	*3,279.76*	
01 71 13 00-0019	EA	300 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	11,713.45	
		For >30 To 60 Miles Radius, Add	*2,928.36*	
		For >60 To 100 Miles Radius, Add	*4,685.38*	
01 71 13 00-0020	EA	500 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	16,062.07	
		For >30 To 60 Miles Radius, Add	*4,015.52*	
		For >60 To 100 Miles Radius, Add	*6,424.83*	

01 71 23 Field Engineering *(01 71)*

01 71 23 16 Construction Surveying *(01 71 23)*

01 71 23 16-0001 Conventional Topographic Survey *(01 71 23 16)*

Note: The professional services include AutoCAD drafting and certification. The survey includes location of structures, walks, drives, parking, significant vegetation, utilities, etc. The area within building footprint is not to be considered as part of the acreage.

01 71 23 16-0002	ACR	Conventional Topographic Survey Of Clear Area With Few To No Obstacles	1,458.88
01 71 23 16-0003	ACR	Conventional Topographic Survey Of Clear Area With Medium Height Vegetation, Few Trees (<5% Buildings)	4,138.61
01 71 23 16-0004	ACR	Conventional Topographic Survey Of Clear Area With Few Structures, And/or Wooded (5-25% Buildings)	5,940.32
01 71 23 16-0005	ACR	Conventional Topographic Survey Of Developed Areas With Several Structures (25-65% Buildings)	8,955.57
01 71 23 16-0006	ACR	Conventional Topographic Survey Of Highly Developed Areas, Sidewalks, etc. (>65% Buildings)	11,220.75

01 71 23 16-0007 Property Lines Survey *(01 71 23 16)*

Note: Not to be added to tasks in the "Conventional Topographic Survey" section.

01 71 23 16-0008	LF	Survey Property Lines On Cleared Land	3.33
01 71 23 16-0009	LF	Survey Property Lines On Slightly Wooded Land	3.85
01 71 23 16-0010	LF	Survey Property Lines On Wooded Land	4.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 71 23 16-0011		Survey Monument *(01 71 23 16)*		
01 71 23 16-0012	EA	3' Precast Survey Monument	222.69	
		For Owner Furnished Monument, Deduct	*-93.95*	
01 71 23 16-0013	EA	Precast Survey Monument Box With Cast Iron Frame And Cover	331.73	
01 71 23 16-0014	EA	Riser Ring For Survey Monument	169.62	
01 71 23 16-0015	EA	Reset/Relocate/Adjust Survey Monument Cover To Grade	281.84	
01 71 23 16-0016		Facade Surveying *(01 71 23 16)*		
01 71 23 16-0017	LF	Facade Survey And Reports (LF Of Facade x Number Of Floors)	9.19	
01 71 36		**Non-Destructive Concrete Examination** *(01 71)*		
01 71 36 00-0001		Electromagnetic Survey *(01 71 36)*		
		Note: To locate voids, prior to moving heavy machinery to an area of concern, to locate reinforcing bars, conduits, pipes, etc., prior to core drilling or cutting existing concrete, masonry or asphalt, to locate underground utilities, underground storage tanks, etc. Electromagnetic survey includes Subsurface Interface Radar (SIR) and/or Ground Penetrating Radar (GPR).		
01 71 36 00-0002		Electromagnetic (SIR/GPR) Survey *(01 71 36 00-0001)*		
01 71 36 00-0003	EA	Up To 1 Hour On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt	1,191.54	
01 71 36 00-0004	EA	>1 To 4 Hours On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt	1,787.31	
01 71 36 00-0005	EA	>4 To 8 Hours On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt	3,574.62	
01 71 36 00-0006		Reports And Mapping For Electromagnetic (SIR/GPR) Surveys *(01 71 36 00-0001)*		
01 71 36 00-0007	EA	Standard Report For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt Note: Includes a detailed description of the scope of work, inspection methods, and equipment used. Also includes visuals such as site locations, images of data, and site photos.	397.18	
01 71 36 00-0008	EA	GPS Mapping Of Located Utilities/Items For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt Note: Includes GPS coordinates of located items and reference items.	794.36	
01 71 36 00-0009	EA	CAD Mapping Of Located Utilities/Items For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt Note: Includes additions to the owner provided CAD drawing.	1,787.31	
01 74		**Cleaning and Waste Management** *(01 70)*		
01 74 13		**Progress Cleaning** *(01 74)*		
		Note: For use on existing areas other than where actual work is to be performed where ordered by the owner. Daily cleanup and final cleanup is included in the contractor's adjustment factor.		
01 74 13 00-0001		General *(01 74 13)*		
01 74 13 00-0002	CSF	Clean Miscellaneous Surfaces, Wipe Down With Mild Detergent	26.19	
01 74 13 00-0003	CY	Collect Existing Debris And Load Into Truck Or Dumpster Note: Per CY of debris removed.	30.64	
01 74 16		**Site Maintenance** *(01 74)*		
01 74 16 00-0001		Parking Lot, Roads And Pathway Maintenance *(01 74 16)*		
		Note: These tasks shall be used for maintenance of existing roads and walks only as requested by the owner. Tasks not to be used in conjunction with related installation/demolition tasks.		
01 74 16 00-0002		Parking Lot, Road, And Street Sweeping *(01 74 16 00-0001)*		
01 74 16 00-0003	MSF	Sweep Parking Lot, With Street Sweeper	27.75	
01 74 16 00-0004	MSF	Sweeper/Vacuum/Sprayer For Parking Lots, Streets And Roads	33.30	
01 74 16 00-0005		Runway Sweeping *(01 74 16 00-0001)*		
01 74 16 00-0006	MSF	Sweep Runway, With Street Sweep	41.61	
01 74 19		**Construction Waste Management and Disposal** *(01 74)*		
		Note: Tasks in this section shall be used as directed by owner.		
01 74 19 00-0001		Debris Chutes *(01 74 19)*		
		Note: Includes hopper sections and entry sections. Used as required for buildings of all heights.		
01 74 19 00-0002		Steel Temporary Debris Chutes *(01 74 19 00-0001)*		
01 74 19 00-0003	LF	18" Diameter, Steel Temporary Debris Chute	41.13	
01 74 19 00-0004	LF	30" Diameter, Steel Temporary Debris Chute	62.99	
01 74 19 00-0005		Plastic Temporary Debris Chutes *(01 74 19 00-0001)*		
01 74 19 00-0006	LF	24" Diameter, Plastic Temporary Debris Chute	16.30	
		For Steel Liner, Add	*3.27*	
01 74 19 00-0007	LF	30" Diameter, Plastic Temporary Debris Chute	18.70	
		For Steel Liner, Add	*3.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 74 19 00-0008	LF	36" Diameter, Plastic Temporary Debris Chute	21.07	
		For Steel Liner, Add	*4.23*	
01 74 19 00-0009		**Wood Temporary Debris Chutes** *(01 74 19 00-0001)*		
01 74 19 00-0010	LF	4' x 4', Wood Temporary Debris Chute Note: Includes fabrication and installation.	32.95	
01 74 19 00-0011		**Construction Dumpsters Rental** *(01 74 19)* Note: Includes service to delivery and pick-up of dumpster, hauling of debris, rental of dumpster and all applicable non-hazardous disposal fees. Cost of "each" is based on each pick-up. Use modifier for excess tons up to legal state limit. Unacceptable materials include: aerosol cans, all liquids, animals, antifreeze, appliances, asbestos, barrels, batteries, chemical products, computers, contaminated oils (mixed with solvents, gasoline, etc.), dirt, fluorescent tubes, hazardous waste, herbicides and pesticides, industrial waste, lubricating/hydraulic oil, mattresses, medical waste, microwaves, monitors, motor oil, oil filters, other flammable liquids, paint (except completely dried latex paint cans, no liquids), petroleum-contaminated soil/lead paint chips, propane tanks, radioactive material, railroad ties, solvents, televisions, tires, and transmission oil.		
01 74 19 00-0012	EA	10 CY Dumpster "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	488.94	
01 74 19 00-0013	EA	15 CY Dumpster "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	551.68	
01 74 19 00-0014	EA	20 CY Dumpster "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	577.60	
01 74 19 00-0015	EA	30 CY Dumpster "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	653.71	
01 74 19 00-0016	EA	40 CY Dumpster "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	849.10	
01 74 19 00-0017	EA	10 CY Low-Boy Dumpster "Concrete Or Asphalt Only" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Concrete or asphalt only.	744.78	
01 74 19 00-0018		**Construction Washout Container** *(01 74 19)*		
01 74 19 00-0019	EA	30" x 30" x 14" High, Corrugated Cardboard With 6mm Liner, 50 Gallon, Construction Washout Bin Note: Up to 10 uses, requires additonal 6mm plastic for multiple uses See CSI section 01 56 16 00-0002 for 6mm plastic for additional loads.	58.04	
01 74 19 00-0020	EA	48" x 48" x 14" High, Corrugated Cardboard With 6mm Liner, 140 Gallon, Construction Washout Bin Note: Up to 10 uses, requires additonal 6mm plastic for multiple uses See CSI section 01 56 16 00-0002 for 6mm plastic for additional loads.	83.39	
01 74 19 00-0021	EA	72" x 72" x 12" High, Corrugated Cardboard With 6mm Liner, 260 Gallon, Construction Washout Bin Note: Up to 10 uses, requires additonal 6mm plastic for multiple uses See CSI section 01 56 16 00-0002 for 6mm plastic for additional loads.	143.59	
01 74 19 00-0022		**Concrete Washout Service** *(01 74 19)*		
01 74 19 00-0023	MO	Rampless Concrete Washout Bin Note: Includes delivery.	497.07	
01 74 19 00-0024	MO	Ramped Concrete Washout Bin Note: Includes delivery.	596.49	
01 74 19 00-0025	EA	Interim Vacuum Service, Concrete Washout Bin Note: Includes vacuum and recycle excess clear liquid from the unfilled bin to allow additional space for washout material.	656.49	
01 74 19 00-0026	EA	Vacuum, Pickup, Swap And Dump, Concrete Washout Bin Note: Includes vacuum the liquid from the full bin and pick up the bin, and recycle all material. An empty bin will be left at the site if the project is not completed.	1,422.40	
01 74 19 00-0027		**Debris Processing Fee** *(01 74 19)*		
01 74 19 00-0028		**Material Recycling Fees** *(01 74 19 00-0027)* Note: Not to be used with Dumpster Tasks which includes the Landfill Dump Fee. Excludes hauling.		
01 74 19 00-0029	CY	Drop-Off Asphalt At Recycling Center	29.23	
01 74 19 00-0030	CY	Drop-Off Non-Reinforced Concrete At Recycling Center	39.16	
01 74 19 00-0031	CY	Drop-Off Reinforced Concrete At Recycling Center	58.73	
01 74 19 00-0032	CY	Drop-Off Brick Or Block At Recycling Center	50.90	
01 74 19 00-0033	CY	Drop-Off Dirt At Recycling Center	56.77	
01 74 19 00-0034	CY	Drop-Off Dimensional Lumber At Recycling Center	27.41	
01 74 19 00-0035		**Landfill Dump Fees** *(01 74 19 00-0027)* Note: Does not apply when material is transferred to owner's site or facility, or with use of dumpsters. Excludes hauling.		
01 74 19 00-0036	CY	Traditional Building Construction Materials Landfill Dump Fee	26.06	
01 74 19 00-0037	TON	Traditional Building Construction Materials, Landfill Dump Fee	113.55	
01 74 19 00-0038	CY	Trees, Stumps And Brush, Landfill Dump Fee	31.36	
01 74 19 00-0039	CY	Hazardous Materials And Rubbish Landfill Dump Fee Note: Includes regulated waste such as paint cans, refrigerators/freezers, air conditioners, smoke detectors, batteries, etc.	74.79	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 74 19 00-0040		**Hauling** *(01 74 19)* Note: Includes driver and equipment, ten (10) to fifteen (15) minutes load time, time for travel, dump time and return (roundtrip). The task quantity is the number of miles to the disposal site/transfer station (one way mileage) times the number of cubic yards being transported. For example, to haul 8 CY to a site 14 miles away, the quantity is calculated as follows: 14 miles x 8 CY = 112 CYM. Use both hauling tasks for distances greater than 15 miles. To haul 28 CY to a site 32 miles away, the quantity for the task to haul the first 15 miles is calculated: 15 miles x 28 CY = 420 CYM. The quantity for the additional hauling task over the first 15 miles is calculated: 32 total miles less 15 initial miles equals 17 miles x 28 CY = 476 CYM.		
01 74 19 00-0041	CYM	Hauling Up To 15 Miles	1.46	
01 74 19 00-0042	CYM	Hauling, Miles Over Initial 15 Miles	1.10	

01 74 23 Final Cleaning *(01 74)*

01 74 23 00-0001		**Cleaning Of Glass** *(01 74 23)*		
01 74 23 00-0002	CSF	Cleaning Of Existing Glass Surfaces	35.34	

01 95 Residential Construction *(01)*

01 95 01 Residential - General Conditions *(01 95)*

01 95 01 00-0001		**Pre-Clean Interior Of Residential Unit** *(01 95 01)* Note: Remove all discarded debris from unit prior to commencement of work. Excludes disposal of waste.		
01 95 01 00-0002	EA	Pre-Clean Residential Unit - Efficiency Unit	732.17	
01 95 01 00-0003	EA	Pre-Clean Residential Unit - One Bedroom Unit	940.76	
01 95 01 00-0004	EA	Pre-Clean Residential Unit - Two Bedroom Unit	1,406.09	
01 95 01 00-0005	EA	Pre-Clean Residential Unit - Three Bedroom Unit	1,895.16	
01 95 01 00-0006	EA	Pre-Clean Residential Unit - Four Bedroom Unit	2,408.21	
01 95 01 00-0007	EA	Pre-Clean Residential Unit - Five Bedroom Unit	2,905.91	
01 95 01 00-0008	EA	Pre-Clean Residential Unit - Six Bedroom Unit	3,396.52	
01 95 01 00-0009	EA	Pre-Clean Residential Basement	2,092.26	
01 95 01 00-0010		**Final Clean Interior Of Residential Unit** *(01 95 01)* Note: Final cleaning to make unit ready for tenant move-in. This is over and above the daily and final construction cleaning which is part of the Contractor's Adjustment Factor.		
01 95 01 00-0011	EA	Final Clean Residential Unit - Efficiency Unit	889.57	
01 95 01 00-0012	EA	Final Clean Residential Unit - One Bedroom Unit	1,147.07	
01 95 01 00-0013	EA	Final Clean Residential Unit - Two Bedroom Unit	1,676.48	
01 95 01 00-0014	EA	Final Clean Residential Unit - Three Bedroom Unit	2,179.43	
01 95 01 00-0015	EA	Final Clean Residential Unit - Four Bedroom Unit	2,842.74	
01 95 01 00-0016	EA	Final Clean Residential Unit - Five Bedroom Unit	3,352.98	
01 95 01 00-0017	EA	Final Clean Residential Unit - Six Bedroom Unit	3,868.82	
01 95 01 00-0018	EA	Final Clean Residential Unit - Basement	2,302.22	
01 95 01 00-0019		**Clean Residential HVAC** *(01 95 01)*		
01 95 01 00-0020	EA	Clean And Service Residential Furnace	652.48	
01 95 01 00-0021	EA	Clean Residential Ductwork In Efficiency Unit	680.01	
01 95 01 00-0022	EA	Clean Residential Ductwork In One Bedroom Unit	812.71	
01 95 01 00-0023	EA	Clean Residential Ductwork In Two Bedroom Unit	945.53	
01 95 01 00-0024	EA	Clean Residential Ductwork In Three Bedroom Unit	1,079.82	
01 95 01 00-0025	EA	Clean Residential Ductwork In Four Bedroom Unit	1,211.92	
01 95 01 00-0026	EA	Clean Residential Ductwork In Five Bedroom Unit	1,363.57	
01 95 01 00-0027	EA	Clean Residential Ductwork In Six Bedroom Unit	1,518.77	
01 95 01 00-0028		**Residential Relocation Costs** *(01 95 01)* Note: Includes packing all furniture in unit and relocating furniture to new location. Excludes moving truck.		
01 95 01 00-0029	EA	Move Furniture In Residential Efficiency Bedroom, Same Floor	839.20	
01 95 01 00-0030	EA	Move Furniture In Residential One Bedroom, Same Floor	1,127.56	
01 95 01 00-0031	EA	Move Furniture In Residential Two Bedroom, Same Floor	1,781.65	
01 95 01 00-0032	EA	Move Furniture In Residential Three Bedroom, Same Floor	2,330.11	
01 95 01 00-0033	EA	Move Furniture In Residential Four Bedroom, Same Floor	2,877.68	
01 95 01 00-0034	EA	Move Furniture In Residential Five Bedroom, Same Floor	3,330.47	
01 95 01 00-0035	EA	Move Furniture In Residential Six Bedroom, Same Floor	3,882.31	
01 95 01 00-0036	EA	Move Furniture In Residential Efficiency Bedroom, Different Floor	996.81	
01 95 01 00-0037	EA	Move Furniture In Residential One Bedroom, Different Floor	1,336.23	
01 95 01 00-0038	EA	Move Furniture In Residential Two Bedroom, Different Floor	2,203.80	
01 95 01 00-0039	EA	Move Furniture In Residential Three Bedroom, Different Floor	2,852.01	
01 95 01 00-0040	EA	Move Furniture In Residential Four Bedroom, Different Floor	3,527.37	
01 95 01 00-0041	EA	Move Furniture In Residential Five Bedroom, Different Floor	4,066.54	
01 95 01 00-0042	EA	Move Furniture In Residential Six Bedroom, Different Floor	4,619.47	
01 95 01 00-0043	EA	Move Furniture In Residential Efficiency Bedroom, Different Building	1,574.51	
01 95 01 00-0044	EA	Move Furniture In Residential One Bedroom, Different Building	1,962.62	
01 95 01 00-0045	EA	Move Furniture In Residential Two Bedroom, Different Building	2,826.35	
01 95 01 00-0046	EA	Move Furniture In Residential Three Bedroom, Different Building	3,698.20	
01 95 01 00-0047	EA	Move Furniture In Residential Four Bedroom, Different Building	4,380.40	
01 95 01 00-0048	EA	Move Furniture In Residential Five Bedroom, Different Building	4,905.85	
01 95 01 00-0049	EA	Move Furniture In Residential Six Bedroom, Different Building	5,458.15	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 01 00-0050		**Residential Testing** *(01 95 01)*		
01 95 01 00-0051	EA	Carbon Dioxide (CO2) Test For Residential Sewer Vents	537.42	
01 95 01 00-0052	EA	Carbon Monoxide (CO) Test On Residential Furnace	825.98	

01 95 06 Residential - Wood and Plastics *(01 95)*

01 95 06 00-0001		**Residential Wood Hand Rails** *(01 95 06)*		
01 95 06 00-0002	EA	Brackets For Residential Hand Rails	45.57	14.15
01 95 06 00-0003	LF	2-1/4" x 2-3/8" Residential Oak Colonial Handrail	23.47	8.05
01 95 06 00-0004	LF	2-1/4" x 2-3/8" Residential Hemlock Colonial Handrail	20.82	8.05
01 95 06 00-0005	LF	2-1/4" x 2-3/8" Residential Poplar Colonial Handrail	23.27	8.05
01 95 06 00-0006	LF	1-5/8" x 1-1/16" Residential Pine Oval Handrail	17.16	8.05
01 95 06 00-0007	LF	1-1/4" x 2-1/4" Residential Pine Oval Handrail	17.25	8.05
01 95 06 00-0008	LF	2-1/4" x 1-5/16" Residential Poplar Oval Handrail	18.12	8.05
01 95 06 00-0009	LF	1-3/4" x 1-5/8" Residential Oak Oval Handrail	19.59	8.05
01 95 06 00-0010	LF	2-1/4" x 1-1/2" Residential Oak Oval Handrail	19.85	8.05
01 95 06 00-0011		**Residential Cabinets** *(01 95 06)*		
		Note: Cabinets meet Los Angeles County Housing Authority Specifications and include installation, all moldings, fasteners, caulking, and hardware (hinges, drawer guides, door pulls, etc). While all items associated with this task may not be listed this task is for complete and in place construction.		
01 95 06 00-0012		**Residential Base Cabinets** *(01 95 06 00-0011)*		
		Note: Excludes tops.		
01 95 06 00-0013		**Residential Base Cabinets, Single Drawer And Single Door** *(01 95 06 00-0012)*		
		Note: Use these cabinets for Universal Access (32-1/2" high with 8-1/2" kick) applications.		
01 95 06 00-0014	EA	Up To 15" Wide, 34-1/2" High x 24" Deep, Single Drawer And Single Door, Residential Base Cabinet	359.17	65.60
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.		
		For 3 Drawer Unit, Add	*106.25*	
		For 4 Drawer Unit, Add	*132.82*	
01 95 06 00-0015	EA	>15" To 18" Wide, 34-1/2" High x 24" Deep, Single Drawer And Single Door, Residential Base Cabinet	391.82	80.57
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.		
		For 3 Drawer Unit, Add	*110.84*	
		For 4 Drawer Unit, Add	*138.55*	
01 95 06 00-0016	EA	>18" To 21" Wide, 34-1/2" High x 24" Deep, Single Drawer And Single Door, Residential Base Cabinet	429.88	92.08
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.		
		For 3 Drawer Unit, Add	*119.47*	
		For 4 Drawer Unit, Add	*149.34*	
01 95 06 00-0017	EA	>21" To 24" Wide, 34-1/2" High x 24" Deep, Single Drawer And Single Door, Residential Base Cabinet	461.93	107.04
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.		
		For 3 Drawer Unit, Add	*123.78*	
		For 4 Drawer Unit, Add	*154.73*	
01 95 06 00-0018		**Residential Base Cabinets, Double Drawer And Double Door** *(01 95 06 00-0012)*		
		Note: Use these cabinets for Universal Access (32-1/2" high with 8-1/2" kick) applications.		
01 95 06 00-0019	EA	24" To 27" Wide, 34-1/2" High x 24" Deep, Double Drawer And Double Door, Residential Base Cabinet	565.10	88.05
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.		
		For 3 Drawer Unit, Add	*38.90*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-58.35*	
01 95 06 00-0020	EA	>27" To 30" Wide, 34-1/2" High x 24" Deep, Double Drawer And Double Door, Residential Base Cabinet	590.57	94.38
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.		
		For 3 Drawer Unit, Add	*40.18*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-60.27*	
01 95 06 00-0021	EA	>30" To 33" Wide, 34-1/2" High x 24" Deep, Double Drawer And Double Door, Residential Base Cabinet	611.35	96.68
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.		
		For 3 Drawer Unit, Add	*41.80*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-62.70*	
01 95 06 00-0022	EA	>33" To 36" Wide, 34-1/2" High x 24" Deep, Double Drawer And Double Door, Residential Base Cabinet	630.12	98.98
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.		
		For 3 Drawer Unit, Add	*43.22*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-64.82*	
01 95 06 00-0023	EA	>36" To 42" Wide, 34-1/2" High x 24" Deep, Double Drawer And Double Door, Residential Base Cabinet	690.72	107.04
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.		
		For 3 Drawer Unit, Add	*47.67*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-71.50*	
01 95 06 00-0024	EA	>42" To 48" Wide, 34-1/2" High x 24" Deep, 2 Drawer And 2 Door, Residential Base Cabinet	751.40	120.85
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.		
		For 3 Drawer Unit, Add	*50.97*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-76.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 06 00-0025		**Residential Vanity Bases** *(01 95 06 00-0012)*		
01 95 06 00-0026	EA	18" Wide, 32-1/2" High x 21" Deep, Single Door, Residential Vanity Base Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	437.47	85.63
01 95 06 00-0027	EA	21" Wide, 32-1/2" High x 21" Deep, Single Door, Residential Vanity Base Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	472.51	95.30
01 95 06 00-0028	EA	24" Wide, 32-1/2" High x 21" Deep, Double Door, Residential Vanity Base Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	499.80	99.21
01 95 06 00-0029	EA	30" Wide, 32-1/2" High x 21" Deep, Double Door, Residential Vanity Base Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	587.44	120.85
01 95 06 00-0030	EA	36" Wide, 32-1/2" High x 21" Deep, Double Door, Residential Vanity Base Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	617.78	120.85
01 95 06 00-0031	EA	42" Wide, 32-1/2" High x 21" Deep, Double Door, Residential Vanity Base Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	649.47	120.85
01 95 06 00-0032		**Residential Wall Cabinets** *(01 95 06 00-0011)*		
01 95 06 00-0033		**36" High x 13" Deep, Residential Wall Cabinets** *(01 95 06 00-0032)*		
01 95 06 00-0034		**Single Door Type Units** *(01 95 06 00-0033)*		
01 95 06 00-0035	EA	Up To 15" Wide, 36" High x 13" Deep, Single Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	390.77	82.86
01 95 06 00-0036	EA	>15" To 18" Wide, 36" High x 13" Deep, Single Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	412.56	84.60
01 95 06 00-0037	EA	>18" To 24" Wide, 36" High x 13" Deep, Single Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	435.85	87.47
01 95 06 00-0038		**Double Door Type Units** *(01 95 06 00-0033)*		
01 95 06 00-0039	EA	Up To 27" Wide, 36" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	526.71	96.68
01 95 06 00-0040	EA	>27" To 30" Wide, 36" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	569.30	105.89
01 95 06 00-0041	EA	>30" To 36" Wide, 36" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	615.09	108.18
01 95 06 00-0042	EA	>36" To 42" Wide, 36" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	673.15	112.22
01 95 06 00-0043	EA	>42" To 48" Wide, 36" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	702.43	117.39
01 95 06 00-0044		**30" High x 13" Deep, Residential Wall Cabinets** *(01 95 06 00-0032)*		
01 95 06 00-0045		**Single Door Type Units** *(01 95 06 00-0044)*		
01 95 06 00-0046	EA	Up To 12" Wide, 30" High x 13" Deep, Single Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	281.01	65.46
01 95 06 00-0047	EA	>12" To 15" Wide, 30" High x 13" Deep, Single Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	287.22	68.28
01 95 06 00-0048	EA	>15" To 18" Wide, 30" High x 13" Deep, Single Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	307.97	69.73
01 95 06 00-0049	EA	>18" To 24" Wide, 30" High x 13" Deep, Single Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	334.67	72.20
01 95 06 00-0050		**Double Door Type Units** *(01 95 06 00-0044)*		
01 95 06 00-0051	EA	Up To 27" Wide, 30" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	373.01	73.73
01 95 06 00-0052	EA	>27" To 30" Wide, 30" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	394.87	75.55
01 95 06 00-0053	EA	>30" To 36" Wide, 30" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	428.86	77.38
01 95 06 00-0054	EA	>36" To 42" Wide, 30" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	464.87	79.18
01 95 06 00-0055	EA	>42" To 48" Wide, 30" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	484.90	80.11
01 95 06 00-0056		**24" High x 13" Deep, Residential Wall Cabinets** *(01 95 06 00-0032)*		
01 95 06 00-0057		**Double Door Type Units** *(01 95 06 00-0056)*		
01 95 06 00-0058	EA	Up To 27" Wide, 24" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	338.60	59.85
01 95 06 00-0059	EA	>27" To 30" Wide, 24" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	357.86	62.73
01 95 06 00-0060	EA	>30" To 36" Wide, 24" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	389.06	64.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 06 00-0061	EA	>36" To 42" Wide, 24" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	422.65	65.60
01 95 06 00-0062		15" High x 13" Deep, Residential Wall Cabinets *(01 95 06 00-0032)*		
01 95 06 00-0063		Double Door Type Units *(01 95 06 00-0062)*		
01 95 06 00-0064	EA	Up To 30" Wide, 15" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	295.20	56.40
01 95 06 00-0065	EA	>30" To 36" Wide, 15" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	325.01	64.57
01 95 06 00-0066	EA	>36" To 39" Wide, 15" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	341.94	64.57
01 95 06 00-0067		12" High x 13" Deep, Residential Wall Cabinets *(01 95 06 00-0032)*		
01 95 06 00-0068	EA	Up To 30" Wide, 12" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	295.71	35.45
01 95 06 00-0069	EA	>30" To 39" Wide, 12" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	342.40	26.59
01 95 06 00-0070		Full Height Wall Cabinets *(01 95 06 00-0032)*		
01 95 06 00-0071	LF	Up To 8' Tall x 13" Deep, Full Height Wall Cabinet	547.70	23.29
		For 2x4 Blocking, Add *Note: Includes blocking top and bottom of cabinet, materials, fasteners and cutting and patching drywall to match.*	*24.01*	
01 95 06 00-0072	LF	Up To 8' Tall x 24" Deep, Full Height Wall Cabinet	601.53	26.78
		For 2x4 Blocking, Add *Note: Includes blocking top and bottom of cabinet, materials, fasteners and cutting and patching drywall to match.*	*24.01*	
01 95 06 00-0073		Residential Cabinet Accessories *(01 95 06 00-0011)*		
01 95 06 00-0074	EA	Residential, Single Door Wall Corner Cabinet With Shelving Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	755.51	129.42
01 95 06 00-0075	EA	Residential, Single Door Wall Lazy Susan With Cabinet Enclosure Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	868.77	129.42
01 95 06 00-0076	EA	Residential, Base Corner Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels. Excludes countertop.	742.00	51.77
01 95 06 00-0077	EA	Residential, Broom/Utility Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	961.24	73.97
01 95 06 00-0078	EA	Residential, Base Range Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	875.08	43.14
01 95 06 00-0079	EA	Residential, Microwave Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	359.61	34.52
01 95 06 00-0080		Residential Cabinet Repairs *(01 95 06 00-0011)*		
01 95 06 00-0081	EA	Removal And Replacement Of Residential Cabinet Door Note: Includes all hardware.	105.60	
01 95 06 00-0082	EA	Removal And Replacement Of Residential Cabinet Drawer Note: Includes all hardware.	126.79	
01 95 06 00-0083	PR	Removal And Replacement Of Residential Drawer Guides	53.77	
01 95 06 00-0084	EA	Removal And Replacement Of Residential Knob/Pull	32.52	
01 95 06 00-0085	PR	Removal And Replacement Of Residential Hinges	25.91	
01 95 06 00-0086		Residential Stair Parts *(01 95 06)*		
01 95 06 00-0087	LF	Removal And Replacement Of Residential Pine Stair Treads	29.86	
01 95 06 00-0088	LF	Removal And Replacement Of Residential Oak Stair Treads	46.93	
01 95 06 00-0089	LF	Removal And Replacement Of Residential Pine Stair Risers	27.51	
01 95 06 00-0090	LF	Removal And Replacement Of Residential Oak Stair Risers	37.25	
01 95 06 00-0091	EA	Re-Anchor Residential Stairs Bracket	82.53	
01 95 06 00-0092		Residential Finish Carpentry And Wood Casings *(01 95 06)*		
01 95 06 00-0093	LF	5/8" x 3-1/4" Residential Primed Finger Joint Casing	7.24	2.05
01 95 06 00-0094	LF	11/16" x 2-1/4" Residential Primed Finger Joint Casing	5.84	2.05
01 95 06 00-0095	LF	11/16" x 3-1/4" Residential Pine Casing	6.08	2.05

01 95 07 Residential - Thermal and Moisture Protection *(01 95)*

01 95 07 00-0001 Residential Siding *(01 95 07)*
See CSI section 06 65 00 00-0048 for PVC Trim, 07 46 33 00-0001 for vinyl siding.

01 95 07 00-0002 Residential Roofing *(01 95 07)*

01 95 07 00-0003 Aluminum Drip Edge *(01 95 07 00-0002)*
See CSI section 07 62 19 00-0002 for drip edge.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 07 00-0004	LF	0.031" Thick, Residential Vented Aluminum Drip Edge, 6-1/2" Shingle Underlay, Painted Finish	8.88	1.23
01 95 07 00-0005		**Flashing** *(01 95 07 00-0002)*		
01 95 07 00-0006	SF	Residential Aluminum Valley Flashing	39.20	3.40
01 95 07 00-0007	SF	Residential Aluminum Step Flashing	41.77	4.21
01 95 07 00-0008	SF	Residential Copper Step Flashing	29.38	5.98
01 95 07 00-0009		**Roofing** *(01 95 07 00-0002)*		
01 95 07 00-0010	SQ	Solar Reflective Shingles, CertainTeed Landmark Colaris	672.84	217.49
01 95 07 00-0011		**Hip And Ridge Vent** *(01 95 07 00-0002)*		
		See CSI section 07 31 13 13-0020 for hip and ridge vent.		
01 95 07 00-0012		**Temporary Roof Cover** *(01 95 07 00-0002)*		
		Note: Includes tarp, sand bags, ropes, tape, deck screws and wood slats as necessary. Includes removal after use. See CSI section 07 31 13 13-0020 for hip and ridge vent.		
01 95 07 00-0013	SF	Temporary Plastic Sheeting, Applied To Roofing	1.16	

01 95 08 Residential - Doors and Windows *(01 95)*

See CSI section 08 36 13 00-0101 for residential overhead doors, 08 53 00 00-0000 for vinyl windows.

01 95 08 00-0001		**Residential Exterior Doors** *(01 95 08)*		
01 95 08 00-0002		**Steel Exterior Residential Door Slab** *(01 95 08 00-0001)*		
		Note: Primed galvanized steel skin with polystyrene core door.		
01 95 08 00-0003	EA	24 Gauge Flush Steel Exterior Residential Door Slab	352.07	60.42
		For 12" x 12" Vision Light, Add	*74.12*	
		For 20 Minute Fire Rating, Add	*2.31*	
		For 90 Minute Fire Rating, Add	*20.81*	
01 95 08 00-0004	EA	24 Gauge Six Panel Steel Exterior Residential Door Slab	370.89	60.42
		For Fan Or Nine Lite, Add	*60.36*	
		For 20 Minute Fire Rating, Add	*2.50*	
		For 90 Minute Fire Rating, Add	*22.50*	
01 95 08 00-0005	EA	22 Gauge Flush Steel Exterior Residential Door Slab	531.29	63.30
		For 12" x 12" Vision Light, Add	*74.12*	
		For 20 Minute Fire Rating, Add	*4.05*	
		For 90 Minute Fire Rating, Add	*562.51*	
01 95 08 00-0006	EA	22 Gauge Six Panel Steel Exterior Residential Door Slab	543.56	63.30
		For Fan Or Nine Lite, Add	*60.36*	
		For 20 Minute Fire Rating, Add	*4.17*	
		For 90 Minute Fire Rating, Add	*579.56*	
01 95 08 00-0007		**Pre-Hung Steel Exterior Residential Doors** *(01 95 08 00-0001)*		
		Note: Primed galvanized steel skin with polystyrene core door. Primed galvanized steel skin and wood frame.		
01 95 08 00-0008	EA	25 Gauge Flush Pre-Hung (Or Slab Only) Steel Exterior Residential Doors	440.40	80.57
		For 12" x 12" Vision Light, Add	*74.12*	
		For 20 Minute Fire Rating, Add	*159.18*	
		For 90 Minute Fire Rating, Add	*368.64*	
01 95 08 00-0009	EA	25 Gauge Six Panel Pre-Hung (Or Slab Only) Steel Exterior Residential Doors	466.88	80.57
		For Fan Or Nine Lite, Add	*60.36*	
		For 20 Minute Fire Rating, Add	*174.28*	
		For 90 Minute Fire Rating, Add	*403.59*	
01 95 08 00-0010	EA	24 Gauge Flush Pre-Hung Steel Exterior Residential Doors	659.53	86.32
		For 12" x 12" Vision Light, Add	*74.12*	
		For 20 Minute Fire Rating, Add	*19.48*	
		For 90 Minute Fire Rating, Add	*287.27*	
01 95 08 00-0011	EA	24 Gauge Six Panel Pre-Hung Steel Exterior Residential Doors	677.25	86.32
		For Fan Or Nine Lite, Add	*60.36*	
		For 20 Minute Fire Rating, Add	*20.18*	
		For 90 Minute Fire Rating, Add	*297.72*	
01 95 08 00-0012	EA	22 Gauge Flush Pre-Hung Steel Exterior Residential Doors	795.05	92.08
		For 12" x 12" Vision Light, Add	*74.12*	
		For 20 Minute Fire Rating, Add	*24.44*	
		For 90 Minute Fire Rating, Add	*598.68*	
01 95 08 00-0013	EA	22 Gauge Six Panel Pre-Hung Steel Exterior Residential Doors	820.21	92.08
		For Fan Or Nine Lite, Add	*60.36*	
		For 20 Minute Fire Rating, Add	*25.44*	
		For 90 Minute Fire Rating, Add	*623.34*	
01 95 08 00-0014		**Fiberglass Exterior Residential Door Slab** *(01 95 08 00-0001)*		
01 95 08 00-0015	EA	Flush Fiberglass Exterior Residential Doors	438.59	60.42
		For 12" x 12" Vision Light, Add	*74.12*	
		For 20 Minute Fire Rating, Add	*3.18*	
01 95 08 00-0016	EA	Six Panel Fiberglass Exterior Residential Doors	438.76	60.42
		For Fan Or Nine Lite, Add	*60.36*	
		For 20 Minute Fire Rating, Add	*136.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 08 00-0017		**Pre-Hung Fiberglass Exterior Residential Doors** *(01 95 08 00-0001)*		
01 95 08 00-0018	EA	Flush Pre-Hung Fiberglass Exterior Residential Doors	740.95	86.32
		For Fan Or Nine Lite, Add	*60.36*	
		For 20 Minute Fire Rating, Add	*96.61*	
01 95 08 00-0019	EA	Six Panel Pre-Hung Fiberglass Exterior Residential Doors	741.12	86.32
		For Fan Or Nine Lite, Add	*60.36*	
		For 20 Minute Fire Rating, Add	*147.80*	
01 95 08 00-0020		**Residential Interior Doors** *(01 95 08)*		
01 95 08 00-0021		**Birch Faced Hollow Core Flush Door Slab** *(01 95 08 00-0020)*		
		Note: Includes preparing door for lockset and hinges.		
01 95 08 00-0022	EA	2'-4", 1-3/8" Unfinished, Birch Faced, Hollow Core, Residential Flush Door Slab	179.36	52.37
01 95 08 00-0023	EA	2'-6", 1-3/8" Unfinished, Birch Faced, Hollow Core, Residential Flush Door Slab	180.52	52.94
01 95 08 00-0024	EA	2'-8", 1-3/8" Unfinished, Birch Faced, Hollow Core, Residential Flush Door Slab	184.08	53.52
01 95 08 00-0025	EA	3'-0", 1-3/8" Unfinished, Birch Faced, Hollow Core, Residential Flush Door Slab	190.04	54.09
01 95 08 00-0026		**Lauan Faced Hollow Core Flush Door Slab** *(01 95 08 00-0020)*		
		Note: Includes preparing door for lockset and hinges.		
01 95 08 00-0027	EA	1'-6", 1-3/8" Unfinished, Lauan Faced, Hollow Core, Residential Flush Door Slab	142.64	46.04
01 95 08 00-0028	EA	2'-0", 1-3/8" Unfinished, Lauan Faced, Hollow Core, Residential Flush Door Slab	154.14	51.80
01 95 08 00-0029	EA	2'-4", 1-3/8" Unfinished, Lauan Faced, Hollow Core, Residential Flush Door Slab	162.51	52.37
01 95 08 00-0030	EA	2'-6", 1-3/8" Unfinished, Lauan Faced, Hollow Core, Residential Flush Door Slab	166.08	52.94
01 95 08 00-0031	EA	2'-8", 1-3/8" Unfinished, Lauan Faced, Hollow Core, Residential Flush Door Slab	169.64	53.52
01 95 08 00-0032	EA	3'-0", 1-3/8" Unfinished, Lauan Faced, Hollow Core, Residential Flush Door Slab	173.18	54.09
01 95 08 00-0033		**Lauan Faced Solid Core Flush Door Slab** *(01 95 08 00-0020)*		
		Note: Includes preparing door for lockset and hinges.		
01 95 08 00-0034	EA	2'-8", 1-3/8" Unfinished, Lauan Faced, Solid Core, Residential Flush Door Slab	222.60	53.52
01 95 08 00-0035	EA	3'-0", 1-3/8" Unfinished, Lauan Faced, Solid Core, Residential Flush Door Slab	228.56	54.09
01 95 08 00-0036		**High-Density Fiberboard Hollow Core Six Panel Door Slab** *(01 95 08 00-0020)*		
		Note: Includes preparing door for lockset and hinges.		
01 95 08 00-0037	EA	2'-0", 1-3/8" Primed, High-Density Fiberboard Hardboard, Hollow Core, Six Panel Residential Door Slab	180.62	51.80
01 95 08 00-0038	EA	2'-4", 1-3/8" Primed, High-Density Fiberboard Hardboard, Hollow Core, Six Panel Residential Door Slab	188.99	52.37
01 95 08 00-0039	EA	2'-6", 1-3/8" Primed, High-Density Fiberboard Hardboard, Hollow Core, Six Panel Residential Door Slab	190.15	52.94
01 95 08 00-0040	EA	2'-8", 1-3/8" Primed, High-Density Fiberboard Hardboard, Hollow Core, Six Panel Residential Door Slab	196.12	53.52
01 95 08 00-0041	EA	3'-0", 1-3/8" Primed, High-Density Fiberboard Hardboard, Hollow Core, Six Panel Residential Door Slab	202.07	54.09
01 95 08 00-0042		**Pre-Hung Lauan Faced Hollow Core Flush Door Slab And Frame** *(01 95 08 00-0020)*		
		Note: Includes hinges.		
01 95 08 00-0043	EA	2'-0", Pre-Hung 1-3/8" Unfinished, Lauan Faced, Hollow Core, Residential Flush Door And Frame	259.42	71.93
01 95 08 00-0044	EA	2'-4", Pre-Hung 1-3/8" Unfinished, Lauan Faced, Hollow Core, Residential Flush Door And Frame	264.71	73.37
01 95 08 00-0045	EA	2'-6", Pre-Hung 1-3/8" Unfinished, Lauan Faced, Hollow Core, Residential Flush Door And Frame	272.40	74.81
01 95 08 00-0046	EA	2'-8", Pre-Hung 1-3/8" Unfinished, Lauan Faced, Hollow Core, Residential Flush Door And Frame	280.10	76.25
01 95 08 00-0047	EA	3'-0", Pre-Hung 1-3/8" Unfinished, Lauan Faced, Hollow Core, Residential Flush Door And Frame	287.79	77.69
01 95 08 00-0048		**Pre-Hung High-Density Fiberboard Hollow Core Six Panel Door And Frame** *(01 95 08 00-0020)*		
		Note: Includes hinges.		
01 95 08 00-0049	EA	1'-6", Pre-Hung 1-3/8" Primed, High-Density Fiberboard Hardboard, Hollow Core, Six Panel Residential Door And Frame	284.97	69.05
01 95 08 00-0050	EA	2'-0", Pre-Hung 1-3/8" Primed, High-Density Fiberboard Hardboard, Hollow Core, Six Panel Residential Door And Frame	295.53	71.93
01 95 08 00-0051	EA	2'-4", Pre-Hung 1-3/8" Primed, High-Density Fiberboard Hardboard, Hollow Core, Six Panel Residential Door And Frame	312.86	73.37
01 95 08 00-0052	EA	2'-6", Pre-Hung 1-3/8" Primed, High-Density Fiberboard Hardboard, Hollow Core, Six Panel Residential Door And Frame	318.14	74.81
01 95 08 00-0053	EA	2'-8", Pre-Hung 1-3/8" Primed, High-Density Fiberboard Hardboard, Hollow Core, Six Panel Residential Door And Frame	325.84	76.25
01 95 08 00-0054	EA	3'-0", Pre-Hung 1-3/8" Primed, High-Density Fiberboard Hardboard, Hollow Core, Six Panel Residential Door And Frame	333.54	77.69
01 95 08 00-0055		**Residential Bi-Fold And Bi-Pass Doors** *(01 95 08)*		
		See CSI section 08 13 76 00-0001 for bi-fold metal doors, 08 14 76 00-0001 for bi-fold wood doors.		
01 95 08 00-0056		**Residential Security Screens** *(01 95 08)*		
01 95 08 00-0057	EA	Heavy-Duty Aluminum Residential Security Screen Door, 0.028" Stainless Mesh, Hardware (Tapco Or Equal)	906.57	176.75
		For Powder Coated Color, Add	*19.71*	
01 95 08 00-0058	EA	Heavy-Duty Steel Residential Security Screen Door, 0.028" Stainless Steel Mesh, Powder Coated Color And Hardware (Summitt Or Rusco Or Equal)	856.82	176.75
01 95 08 00-0059		**Residential Door Hardware** *(01 95 08)*		
		See CSI section 08 71 11 00-2428 for residential locks and latches, 08 71 11 00-2444 for deadbolts.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 08 00-0060	PR	Exterior Residential Grade Door Hinges	70.34	11.59
01 95 08 00-0061	PR	Interior Residential Grade Door Hinges	56.90	11.59
01 95 08 00-0062	EA	4" Modern Bright Brass Surface Bolt, Residential	49.94	12.75
01 95 08 00-0063	EA	6" Modern Bright Brass Surface Bolt, Residential	54.01	12.75
01 95 08 00-0064	EA	4" Modern Satin Chrome Surface Bolt, Residential	53.73	12.75
01 95 08 00-0065	EA	6" Modern Satin Chrome Surface Bolt, Residential	58.34	12.75
01 95 08 00-0066	EA	Mortise Entry Lockset With Lever Handle, Schlage L9000-06A	799.13	28.98
01 95 08 00-0067	EA	Interior Lockset With Knobs, Schlage Rhode Design "D" Series	559.43	53.78
01 95 08 00-0068	EA	Interior Lockset With Knobs, Schlage Levon Design "A" Series	395.80	53.78

01 95 08 00-0069 Residential Door Accessories *(01 95 08)*

01 95 08 00-0070	EA	Residential Chain Door Guard	55.58	11.50
01 95 08 00-0071	EA	Residential Wall Mounted Door Bumper	28.46	5.76
01 95 08 00-0072	OPNG	Residential Weatherstripping	91.95	10.06
01 95 08 00-0073	EA	Residential Aluminum Threshold	61.66	10.06
01 95 08 00-0074	EA	Residential Wood Threshold	66.43	10.06

01 95 08 00-0075 Residential Window Repair *(01 95 08)*

Note: Includes self adhering butyl rubber tape flashing at perimeter.

01 95 08 00-0076	EA	Removal And Replacement Of Residential Window Sash Locks	18.14	
01 95 08 00-0077	EA	Removal And Replacement Of Residential Window Lifts/Handles	17.42	
01 95 08 00-0078	EA	Removal And Replacement Of Residential Window Balance, Complete (Per Balance) Note: Includes bracket, guides and support hardware.	21.52	
01 95 08 00-0079	EA	Removal And Replacement Of Residential Casement Window Fasteners	17.81	
01 95 08 00-0080	EA	Removal And Replacement Of Residential Window Hooks	14.63	
01 95 08 00-0081	SF	Removal And Replacement Of Residential Fiberglass Window Insect Screens	5.34	
01 95 08 00-0082	SF	Removal And Replacement Of Residential Aluminum Window Insect Screens	5.37	

01 95 08 00-0083 Residential Window Barrier *(01 95 08)*

01 95 08 00-0084	SF	Inoperable/Fixed, 12 Mesh (0.028") Stainless Steel Wire Cloth Infill, Level 5, Steel Narrowline Residential Security Screen (Kane SNR5Z)	29.06	0.74
01 95 08 00-0085	SF	Operable, 12 Mesh (0.028") Stainless Steel Wire Cloth Infill, Level 5, Steel Narrowline Residential Security Screen (Kane SNR50)	43.90	0.74

01 95 09 Residential - Finishes *(01 95)*

01 95 09 00-0001 Residential Painting *(01 95 09)*

Note: Based on overall floor area square foot or Gross Square Foot (GSF). Includes all materials, surface preparation (wipe down and light clean, patching holes up to 3/8"), caulking and sealing, all finishes, surface protection, and masking tape.

01 95 09 00-0002	GSF	One Coat Paint - Efficiency Unit	2.84	
01 95 09 00-0003	GSF	One Coat Paint - One Bedroom Unit	2.80	
01 95 09 00-0004	GSF	One Coat Paint - Two Bedroom Unit	2.76	
01 95 09 00-0005	GSF	One Coat Paint - Three Bedroom Unit	2.70	
01 95 09 00-0006	GSF	One Coat Paint - Four Bedroom Unit	2.66	
01 95 09 00-0007	GSF	One Coat Paint - Five Bedroom Unit	2.62	
01 95 09 00-0008	GSF	One Coat Paint - Six Bedroom Unit	2.57	
01 95 09 00-0009	GSF	Two Coats Paint - Efficiency Unit	3.78	
01 95 09 00-0010	GSF	Two Coats Paint - One Bedroom Unit	3.69	
01 95 09 00-0011	GSF	Two Coats Paint - Two Bedroom Unit	3.65	
01 95 09 00-0012	GSF	Two Coats Paint - Three Bedroom Unit	3.60	
01 95 09 00-0013	GSF	Two Coats Paint - Four Bedroom Unit	3.55	
01 95 09 00-0014	GSF	Two Coats Paint - Five Bedroom Unit	3.51	
01 95 09 00-0015	GSF	Two Coats Paint - Six Bedroom Unit	3.46	
01 95 09 00-0016	GSF	Paint Entire Residential Unit Complete Note: Includes doors, walls, moldings, kitchen, ceilings, etc. Includes preparation. Per SF of floor area. Combination semi-gloss and eggshell. Two coats paint or one coat primer and one coat paint.	6.84	
		For Each Additional Coat, Add	*2.47*	
01 95 09 00-0017	GSF	Paint Entire Residential Unit Complete Excluding Doors Note: Includes walls, moldings, kitchen, ceilings, etc. Includes preparation. Per SF of floor area. Combination semi-gloss and eggshell. Two coats paint or one coat primer and one coat paint.	6.28	
		For Each Additional Coat, Add	*2.27*	
01 95 09 00-0018	SF	Paint Exterior Stucco Walls, 1 Coat Primer, Brush Roller Work	1.18	
		For Work >20' Above Floor, Add *Note: Applied only to work area above 20'.*	*0.23*	
		For Work >20' To 30' Above Floor, Add *Note: Applied only to work area above 20'.*	*0.23*	
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 09 00-0019	SF	Paint Exterior Stucco Walls, 2 Coats Paint, Brush Roller Work	2.48	
		For Work >20' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 20'.		
		For Work >20' To 30' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.47*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.31*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.37*	
		For >20,000, Deduct	*-0.50*	
01 95 09 00-0020	SF	Paint Interior Plaster/Drywall Walls, 1 Coat Primer, Brush Roller Work	0.77	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	
01 95 09 00-0021	SF	Paint Interior Plaster/Drywall Walls, 2 Coats Paint, Brush Roller Work	1.56	
		For Up To 100, Add	*0.98*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
01 95 09 00-0022	SF	Paint Interior Drywall/Plaster Ceiling, 1 Coat Primer, Brush Roller Work	0.91	
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
01 95 09 00-0023	SF	Paint Interior Drywall/Plaster Ceiling, 2 Coats Paint, Brush Roller Work	1.67	
		For Up To 100, Add	*1.08*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	
01 95 09 00-0024	EA	Paint Door, Each Face, 1 Coat Primer, Brush Roller Work	53.14	
		For >5 To 10, Deduct	*-2.66*	
		For >10 To 25, Deduct	*-5.31*	
		For >25, Deduct	*-7.97*	
01 95 09 00-0025	EA	Paint Door, Each Face, 2 Coats Paint, Brush Roller Work	94.67	
		For >5 To 10, Deduct	*-4.73*	
		For >10 To 25, Deduct	*-9.47*	
		For >25, Deduct	*-14.20*	
01 95 09 00-0026	LF	Paint Door Frame And Trim, 1 Coat Primer, Brush Roller Work	1.22	
01 95 09 00-0027	LF	Paint Door Frame And Trim, 2 Coats Paint, Brush Roller Work	2.66	
01 95 09 00-0028		**Residential Flooring** *(01 95 09)*		
01 95 09 00-0029		**Luxury Vinyl Tile (LVT) (Mohawk)** *(01 95 09 00-0028)*		
01 95 09 00-0030	SF	2.5mm, Resilient Flooring, Glue Down Luxury Vinyl Tile (LVT) (Centrato C0104)	6.07	1.47
		For Up To 20, Add	*1.91*	
		For >20 To 40, Add	*1.11*	
		For >40 To 80, Add	*0.43*	
		For >1,000 To 3,000, Deduct	*-0.13*	
		For >3,000 To 6,000, Deduct	*-0.33*	
		For >6,000, Deduct	*-0.59*	
		For Modified Urethane Adhesive (Armstrong S-1000) Instead Of Water-Based/Latex-Resin, Add	*0.77*	
01 95 09 00-0031	SF	2.5mm, Resilient Flooring, Glue Down Luxury Vinyl Tile (LVT) (Living Local C2039)	6.76	1.47
		For Up To 20, Add	*2.01*	
		For >20 To 40, Add	*1.18*	
		For >40 To 80, Add	*0.46*	
		For >1,000 To 3,000, Deduct	*-0.15*	
		For >3,000 To 6,000, Deduct	*-0.36*	
		For >6,000, Deduct	*-0.63*	
		For Modified Urethane Adhesive (Armstrong S-1000) Instead Of Water-Based/Latex-Resin, Add	*0.77*	
01 95 09 00-0032	SF	2.5mm, Resilient Flooring, Glue Down Luxury Vinyl Tile (LVT) (Morikato Stone C0016)	11.87	1.47
		For Up To 20, Add	*2.78*	
		For >20 To 40, Add	*1.69*	
		For >40 To 80, Add	*0.72*	
		For >1,000 To 3,000, Deduct	*-0.25*	
		For >3,000 To 6,000, Deduct	*-0.56*	
		For >6,000, Deduct	*-0.94*	
		For Modified Urethane Adhesive (Armstrong S-1000) Instead Of Water-Based/Latex-Resin, Add	*0.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 09 00-0033		Carpet Tiles (Mohawk) *(01 95 09 00-0028)*		
		Note: EcoFlex ICTbacked		
01 95 09 00-0034	SY	15 Ounce, Tufted, Nylon Carpet Tile (CEO II QB382)	40.38	5.88
		For >200 To 400, Deduct	*-0.52*	
		For >400 To 600, Deduct	*-0.78*	
		For >600 To 900, Deduct	*-1.51*	
		For >900 To 1,500, Deduct	*-2.25*	
		For >1,500 To 2,200, Deduct	*-3.32*	
		For >2,200 To 3,500, Deduct	*-4.33*	
		For >3,500, Deduct	*-5.34*	
01 95 09 00-0035	SY	15 Ounce, Tufted, Nylon Carpet Tile (Artist II QB380)	40.38	5.88
		For >200 To 400, Deduct	*-0.52*	
		For >400 To 600, Deduct	*-0.78*	
		For >600 To 900, Deduct	*-1.51*	
		For >900 To 1,500, Deduct	*-2.25*	
		For >1,500 To 2,200, Deduct	*-3.32*	
		For >2,200 To 3,500, Deduct	*-4.33*	
		For >3,500, Deduct	*-5.34*	
01 95 09 00-0036	SY	19 Ounce, Tufted, Nylon Carpet Tile (Doctor II QB381)	40.38	5.88
		For >200 To 400, Deduct	*-0.52*	
		For >400 To 600, Deduct	*-0.78*	
		For >600 To 900, Deduct	*-1.51*	
		For >900 To 1,500, Deduct	*-2.25*	
		For >1,500 To 2,200, Deduct	*-3.32*	
		For >2,200 To 3,500, Deduct	*-4.33*	
		For >3,500, Deduct	*-5.34*	
01 95 09 00-0037	SY	18 Ounce, Tufted, Nylon Carpet Tile (New Basics III BT400)	38.94	5.88
		For >200 To 400, Deduct	*-0.49*	
		For >400 To 600, Deduct	*-0.74*	
		For >600 To 900, Deduct	*-1.44*	
		For >900 To 1,500, Deduct	*-2.15*	
		For >1,500 To 2,200, Deduct	*-3.17*	
		For >2,200 To 3,500, Deduct	*-4.15*	
		For >3,500, Deduct	*-5.12*	
01 95 09 00-0038		Broadloom Carpet (Mohawk) *(01 95 09 00-0028)*		
01 95 09 00-0039	SY	15 Ounce, Tufted Broadloom Carpet (CEO II BQ382)	36.64	24.15
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Up To 15, Add	*3.22*	
		For >15 To 33, Add	*1.61*	
		For >200 To 400, Deduct	*-0.41*	
		For >400 To 600, Deduct	*-0.62*	
		For >600 To 900, Deduct	*-1.27*	
		For >900, Deduct	*-1.92*	
01 95 09 00-0040	SY	17 Ounce, Tufted Broadloom Carpet (Artist II BQ380)	36.64	24.15
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Up To 15, Add	*3.22*	
		For >15 To 33, Add	*1.61*	
		For >200 To 400, Deduct	*-0.41*	
		For >400 To 600, Deduct	*-0.62*	
		For >600 To 900, Deduct	*-1.27*	
		For >900, Deduct	*-1.92*	
01 95 09 00-0041	SY	19 Ounce, Tufted Broadloom Carpet (Doctor II BQ381)	36.64	24.15
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Up To 15, Add	*3.22*	
		For >15 To 33, Add	*1.61*	
		For >200 To 400, Deduct	*-0.41*	
		For >400 To 600, Deduct	*-0.62*	
		For >600 To 900, Deduct	*-1.27*	
		For >900, Deduct	*-1.92*	
01 95 09 00-0042		Resilient Sheet Flooring (Mohawk) *(01 95 09 00-0028)*		
01 95 09 00-0043	SF	0.080", 20 mil Wear Layer, Resilient Sheet Flooring (Mohawk Juniperous C2043)	6.07	0.73
01 95 09 00-0044	SF	0.080", 20 mil Wear Layer, Resilient Sheet Flooring (Mohawk Klei Firma C2047)	6.07	0.73

01 95 10 Residential - Specialties *(01 95)*

01 95 10 00-0001 Residential Toilet Accessories *(01 95 10)*
See CSI section 10 28 16 13-0001 for residential toilet accessories.

01 95 11 Residential - Equipment *(01 95)*

01 95 11 00-0001 Residential Kitchen Equipment *(01 95 11)*
See CSI section 11 30 13 00-0000 for residential appliances.

01 95 11 00-0002 Refrigerators *(01 95 11 00-0001)*
See CSI section 11 30 13 13-0042 for residential refrigerators.

01 95 11 00-0003 Ranges *(01 95 11 00-0001)*
See CSI section 11 30 13 13-0001 for ranges.

01 95 22 Residential - Plumbing *(01 95)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 22 00-0001		**Residential Plumbing** *(01 95 22)*		
01 95 22 00-0002		**Residential Lavatory Faucets** *(01 95 22 00-0001)* See CSI section 22 41 39 00-0010 for residential kitchen faucets, 22 42 39 00-0024 for additional lavatory faucets.		
01 95 22 00-0003	EA	Lavatory Faucet, Single Handle, Polished Chrome, Moen CAL4621	270.50	44.88
01 95 22 00-0004		**Residential Bathroom Tub/Shower Faucets And Trim** *(01 95 22 00-0001)*		
01 95 22 00-0005	EA	Posi-Temp Single Handle Tub/Shower Chrome Shower Valve, Moen Chateau L2353	328.09	54.09
01 95 22 00-0006		**Residential Preassembled Vanities With Tops** *(01 95 22 00-0001)*		
01 95 22 00-0007	EA	19" Preassembled Residential Vanity With Top (Glacier Bay GB18P2COM-WH)	372.08	99.21
01 95 22 00-0008	EA	24-1/2" Preassembled Residential Vanity With Top (Glacier Bay GB24P2COM-WH)	459.85	120.85
01 95 22 00-0009	EA	30-1/2" Preassembled Residential Vanity With Top (Glacier Bay GB30P2COM-WH)	560.40	126.61
01 95 22 00-0010		**Residential Kitchen Faucets And Trim** *(01 95 22 00-0001)* See CSI section 22 41 39 00-0001 for residential kitchen faucets.		
01 95 22 00-0011	EA	Kitchen Faucet, Single-Handle, Polished Chrome, Moen CA8710	324.13	62.33
01 95 22 00-0012	EA	Kitchen Faucet, Single-Handle, Polished Chrome, Moen #7300	337.00	62.33
01 95 22 00-0013		**Residential Water Heaters Parts And Accessories** *(01 95 22 00-0001)*		
01 95 22 00-0014	EA	Removal And Replacement Of Residential Pressure And Temperature Valve	181.84	
01 95 22 00-0015	EA	Removal And Replacement Of Residential 9", 120 Volt, 1,500 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	138.99	
01 95 22 00-0016	EA	Removal And Replacement Of Residential 9", 208 Volt, 2,000 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	152.57	
01 95 22 00-0017	EA	Removal And Replacement Of Residential 16-1/2", 208 Volt, 3,000 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	208.51	
01 95 22 00-0018	EA	Removal And Replacement Of Residential 16-1/2", 208 Volt, 4,000 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	208.51	
01 95 22 00-0019	EA	Removal And Replacement Of Residential 16-1/2", 208 Volt, 4,500 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	209.36	
01 95 22 00-0020	EA	Removal And Replacement Of Residential 16-1/2", 208 Volt, 5,000 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	215.30	
01 95 22 00-0021	EA	Removal And Replacement Of Residential 16-1/2", 208 Volt, 6,000 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	210.77	
01 95 22 00-0022	EA	Removal And Replacement Of Residential 9-1/4", 240 Volt, 1,000 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	131.92	
01 95 22 00-0023	EA	Removal And Replacement Of Residential 9", 240 Volt, 1,000 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	144.37	
01 95 22 00-0024	EA	Removal And Replacement Of Residential 11-1/2", 240 Volt, 2,000 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	146.99	
01 95 22 00-0025	EA	Removal And Replacement Of Residential 11", 240 Volt, 2,500 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	146.70	
01 95 22 00-0026	EA	Removal And Replacement Of Residential 13-1/2", 240 Volt, 3,000 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	161.29	
01 95 22 00-0027	EA	Removal And Replacement Of Residential 13-3/4", 240 Volt, 3,500 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	162.14	
01 95 22 00-0028	EA	Removal And Replacement Of Residential 16", 240 Volt, 4,000 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	196.91	
01 95 22 00-0029	EA	Removal And Replacement Of Residential 13-3/4", 240 Volt, 4,500 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	167.80	
01 95 22 00-0030	EA	Removal And Replacement Of Residential 16", 240 Volt, 5,000 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	202.28	
01 95 22 00-0031	EA	Removal And Replacement Of Residential 13-1/2", 240 Volt, 5,500 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	175.73	
01 95 22 00-0032	EA	Removal And Replacement Of Residential 16-1/2", 240 Volt, 6,000 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	199.17	
01 95 22 00-0033	EA	Removal And Replacement Of Residential 16-1/2", 277 Volt, 3,000 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	213.60	
01 95 22 00-0034	EA	Removal And Replacement Of Residential 16-1/2", 277 Volt, 4,500 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	222.37	
01 95 22 00-0035	EA	Removal And Replacement Of Residential 16", 480 Volt, 2,000 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	183.04	
01 95 22 00-0036	EA	Removal And Replacement Of Residential 16-1/2", 480 Volt, 3,000 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	213.03	
01 95 22 00-0037	EA	Removal And Replacement Of Residential 16-1/2", 480 Volt, 4,000 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	222.65	
01 95 22 00-0038	EA	Removal And Replacement Of Residential 16-1/2", 480 Volt, 4,500 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	223.50	
01 95 22 00-0039	EA	Removal And Replacement Of Residential 16-1/2", 480 Volt, 5,000 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	223.50	
01 95 22 00-0040	EA	Removal And Replacement Of Residential 16-1/2", 480 Volt, 6,000 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	218.69	
01 95 22 00-0041		**Residential Domestic Water Heater** *(01 95 22 00-0001)*		
01 95 22 00-0042	EA	40 Gallon, Gas Domestic Water Heater; Bradford White M-I-5036FBN	1,464.21	246.17

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 22 00-0043	EA	38 Gallon, Gas Domestic Water Heater; Rheem #563688	1,533.95	246.17

01 95 23 Residential - HVAC *(01 95)*

01 95 23 00-0001 Residential HVAC *(01 95 23)*

01 95 23 00-0002 Residential Furnaces *(01 95 23 00-0001)*

Note: All units based on output.

01 95 23 00-0003	EA	35 MBH Top Vent Natural Gas Furnace; Williams Monterey #3509622 Note: Blower cooling capacity up to 3 tons.	1,721.88	109.52

01 95 23 00-0004 Residential Furnace Repair Parts And Accessories *(01 95 23 00-0001)*

01 95 23 00-0005	EA	Removal And Replacement Of Residential Motor Blower Assembly	266.95	
01 95 23 00-0006	EA	Removal And Replacement Of Residential Blower Assembly	911.98	
01 95 23 00-0007	EA	Removal And Replacement Of Residential Heater/Furnace Door	72.98	
01 95 23 00-0008	EA	Up To 4" Diameter Residential Roof Jack With Bird Screen And Back Draft Damper	136.56	48.85
01 95 23 00-0009	EA	6" Diameter Residential Roof Jack With Bird Screen And Back Draft Damper	164.17	48.85

01 95 23 00-0010 Residential Air Distribution *(01 95 23 00-0001)*

01 95 23 00-0011	EA	Removal And Replacement Of Residential Exhaust Fan	271.43	
01 95 23 00-0012	EA	Removal And Replacement Of Residential Return Air Grills	75.04	
01 95 23 00-0013	EA	Removal And Replacement Of Residential Air Registers	46.47	

01 95 23 00-0014 Residential Thermostat *(01 95 23 00-0001)*

01 95 23 00-0015	EA	24 Volt AC, Heat Only, Residential Thermostat (Lightstat) Note: With automatic setback.	423.65	44.18

01 95 23 00-0016 Thru Wall Air Conditioner *(01 95 23 00-0001)*

01 95 23 00-0017	EA	14,800 BTU Packaged Terminal Air Conditioner with 14,000 Heat Pump BTU, R-410A Refrigerant, Electronic Touch Controls, LED Display and 4.5 Dehumidification Rate; GE #AZ61H15DAB	3,435.92	358.06

01 95 26 Residential - Electrical *(01 95)*

01 95 26 00-0001 Residential Wire *(01 95 26)*

01 95 26 00-0002	LF	2 Conductors, 12 AWG, Residential Non-Metallic Sheathed, Solid Copper Cable	6.47	2.10
01 95 26 00-0003	LF	2 Conductors, 10 AWG, Residential Non-Metallic Sheathed, Solid Copper Cable	7.53	2.10

01 95 26 00-0004 Residential Lighting Fixtures *(01 95 26)*

Note: Includes lamps.

01 95 26 00-0005 Residential Bedroom Fixtures *(01 95 26 00-0004)*

01 95 26 00-0006	EA	11" Round, Close To Ceiling, Incandescent Residential Fixture (Progress 3520-30)	151.57	43.61
01 95 26 00-0007	EA	12" Round, 2 - 13 Watt Lamps, Close To Ceiling, Compact Fluorescent Residential Fixture (Sea Gull 5902-15)	206.80	43.61
01 95 26 00-0008	EA	Globe, Close To Ceiling, Incandescent Residential Fixture (Progress 3605-30)	94.23	43.61
01 95 26 00-0009	EA	Globe, Close To Ceiling, Incandescent Residential Fixture, With Pull Chain (Progress 3605-30SW)	110.69	43.61
01 95 26 00-0010	EA	14" Round, Close To Ceiling, Compact Fluorescent Residential Fixture (Progress 7378-30)	241.06	43.61
01 95 26 00-0011	EA	12" Square, Incandescent Residential Canopy (Progress 4962)	94.76	43.61
01 95 26 00-0012	EA	12" Square, Incandescent Residential Canopy (Progress 4961)	93.55	43.61
01 95 26 00-0013	EA	Square Ceiling Fixture, Two Light Incandescent, Westinghouse #66201	94.83	43.61
01 95 26 00-0014	EA	6" Opal Ball Ceiling Mount Fixture, One Light; Sunset #F2203-30	70.59	26.19
01 95 26 00-0015	EA	Slim line - 11'' Diameter- 3'' Low Profile Steel Fixture With Acrylic Lens (White) 13 Watt	118.34	32.31

01 95 26 00-0016 Residential Bathroom Fixtures *(01 95 26 00-0004)*

01 95 26 00-0017	EA	Incandescent Residential Wall Fixture (Sea Gull 4450)	109.83	43.61
01 95 26 00-0018	EA	Incandescent Residential Wall Fixture (Westinghouse 66401)	84.60	43.61
01 95 26 00-0019	EA	2 Lamps, Incandescent Residential Wall Fixture (Westinghouse 66403)	91.70	43.61
01 95 26 00-0020	EA	70 CFM Bathroom Fan With Light; Nutone 668RP	287.84	65.58
01 95 26 00-0021	EA	1250W/120V Ceiling Bath Heater; Broan #154	203.78	43.61

01 95 26 00-0022 Residential Kitchen And Hallway Fixtures *(01 95 26 00-0004)*

See CSI section 26 51 16 00-0209 for ceiling light fixtures.

01 95 26 00-0023	EA	5" x 26", 1 – 17 Watt, Vandal Resistant Fluorescent Fixture	627.66	43.61
01 95 26 00-0024	EA	9" x 26", 2 - 17 Watt, Vandal Resistant, Fluorescent Fixture	711.34	43.61

01 95 26 00-0025 Residential Exterior Fixtures *(01 95 26 00-0004)*

01 95 26 00-0026	EA	Glass Globe, Incandescent Residential Wall Lantern (Progress Lighting P5602-31)	86.43	43.61
01 95 26 00-0027	EA	Glass Lens, Incandescent Residential Wall Lantern (Lumapro 3RB20)	125.96	43.61
01 95 26 00-0028	EA	Polycarbonate Lens, HPS Residential Wall Lantern (Lumapro 5MM60)	300.86	43.61
01 95 26 00-0029	EA	Motion Sensor, Zenith SL-5105	141.42	32.74
01 95 26 00-0030	EA	Exterior Porch Light, Incandescent, Rabb VAN1F-13	206.06	43.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 26 00-0031		**Residential Alarms** *(01 95 26)*		
01 95 26 00-0032	EA	Battery Operated, Residential Smoke Alarm (Kidde 0916E)	59.20	16.37
01 95 26 00-0033	EA	AC Powered, Residential Smoke Alarm (Kidde i12020)	87.12	32.74
01 95 26 00-0034	EA	Battery Operated, Residential Carbon Monoxide and Smoke Alarm (Kidde 900-0102)	154.68	16.37
01 95 26 00-0035	EA	AC Powered Wire-in Smoke Alarm, BRK 9120B	167.92	65.48
01 95 26 00-0036		**Residential Breakers** *(01 95 26)*		
		See CSI section 26 28 16 13-0002 for circuit breakers.		

01 95 99 92 Los Angeles County Lead Remediation Program *(01 95)*

01 95 99 92-0001		**Construction Dumpsters Rental** *(01 95 99 92)*		
		Note: Includes service to delivery and pick-up of dumpster, hauling of debris, rental of dumpster and all applicable non-hazardous disposal fees. Cost of "each" is based on each pick-up. Unacceptable materials include: aerosol cans, all liquids, animals, antifreeze, appliances, asbestos, barrels, batteries, chemical products, computers, contaminated oils (mixed with solvents, gasoline, etc.), dirt, fluorescent tubes, hazardous waste, herbicides & pesticides, industrial waste, lubricating/hydraulic oil, mattresses, medical waste, microwaves, monitors, motor oil, oil filters, other flammable liquids, paint (except completely dried latex paint cans, no liquids), petroleum-contaminated soil/lead paint chips, propane tanks, radioactive material, railroad ties, solvents, televisions, tires, and transmission oil.		
01 95 99 92-0002	EA	10 CY Dumpster "Construction Debris"	488.94	
		Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.		
01 95 99 92-0003	EA	20 CY Dumpster "Construction Debris"	577.60	
		Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.		
01 95 99 92-0004	EA	40 CY Dumpster "Construction Debris"	849.10	
		Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.		
01 95 99 92-0005		**Asbestos Abatement And Disposal** *(01 95 99 92)*		
		Note: Tasks include materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, lockdown encapsulant applied to surfaces, clean-up, vacuuming, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of SET for a quantity of less than 10 LF or SF (10 LF to 20 LF for ACM pipe insulation), followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project. This does not apply to glove bag projects.		
01 95 99 92-0006		**Minimum Charge For Asbestos Remediation** *(01 95 99 92-0005)*		
01 95 99 92-0007	EA	Asbestos Remediation Minimum Show Up Charge	1,436.11	
		Note: For projects where the total asbestos remediation charge is less than the minimum charge, use task "Minimum Charge For Asbestos Remediation" exclusively. Task "Minimum Charge For Asbestos Remediation" should not be used in conjunction with any other tasks in this section. Includes air sample and personal air monitoring.		
01 95 99 92-0008		**Surfacing Material, Asbestos Abatement And Disposal** *(01 95 99 92-0005)*		
01 95 99 92-0009		**Gypsum Wall Board, Asbestos Abatement And Disposal** *(01 95 99 92-0008)*		
01 95 99 92-0010	SET	Up To 50 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	949.22	
		For Additional Layer, Add	*254.69*	
01 95 99 92-0011	SF	>50 To 500 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	18.70	
		For Additional Layer, Add	*5.02*	
01 95 99 92-0012	SF	>500 To 2,500 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	13.77	
		For Additional Layer, Add	*3.66*	
01 95 99 92-0013	SF	>2,500 To 10,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	10.87	
		For Additional Layer, Add	*2.86*	
01 95 99 92-0014	SF	>10,000 To 50,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	8.57	
		For Additional Layer, Add	*2.23*	
01 95 99 92-0015	SF	>50,000 To 100,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	6.83	
		For Additional Layer, Add	*1.75*	
01 95 99 92-0016	SF	>100,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	5.55	
		For Additional Layer, Add	*1.40*	
01 95 99 92-0017		**Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal** *(01 95 99 92-0008)*		
01 95 99 92-0018	SET	Up To 25 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	937.67	
01 95 99 92-0019	SF	>25 To 500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	35.08	
01 95 99 92-0020	SF	>500 To 2,500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	25.81	
01 95 99 92-0021	SF	>2,500 To 10,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	20.25	
01 95 99 92-0022	SF	>10,000 To 50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	15.86	
01 95 99 92-0023	SF	>50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	11.46	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 92-0024		Spray On Acoustical Ceiling, Asbestos Abatement And Disposal *(01 95 99 92-0008)*		
01 95 99 92-0025	SET	Up To 50 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	949.22	
01 95 99 92-0026	SF	>50 To 500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	15.89	
01 95 99 92-0027	SF	>500 To 2,500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	12.50	
01 95 99 92-0028	SF	>2,500 To 10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	9.15	
01 95 99 92-0029	SF	>10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	6.96	
01 95 99 92-0030		Roofing, Asbestos Abatement And Disposal *(01 95 99 92-0005)*		
01 95 99 92-0031		Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal *(01 95 99 92-0030)* Note: Includes roofing, flashing, sheet metal, insulation, pitch pockets, board etc.		
01 95 99 92-0032		Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal *(01 95 99 92-0031)*		
01 95 99 92-0033	SET	Up To 125 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	1,215.39	
01 95 99 92-0034	SF	>125 To 1,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	9.34	
01 95 99 92-0035	SF	>1,000 To 5,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	7.57	
01 95 99 92-0036	SF	>5,000 To 10,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	6.14	
01 95 99 92-0037	SF	>10,000 To 20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	4.72	
01 95 99 92-0038	SF	>20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	3.66	
01 95 99 92-0039		Shingles And Felt Roofing, Asbestos Abatement And Disposal *(01 95 99 92-0030)*		
01 95 99 92-0040	SET	Up To 125 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	1,172.10	
01 95 99 92-0041	SF	>125 To 1,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	9.00	
		For Each Additional Layer, Add	*1.80*	
01 95 99 92-0042	SF	>1,000 To 5,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	7.23	
		For Each Additional Layer, Add	*1.45*	
01 95 99 92-0043	SF	>5,000 To 10,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	5.80	
		For Each Additional Layer, Add	*1.16*	
01 95 99 92-0044	SF	>10,000 To 20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	4.38	
		For Each Additional Layer, Add	*0.88*	
01 95 99 92-0045	SF	>20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	3.32	
		For Each Additional Layer, Add	*0.66*	
01 95 99 92-0046		Roof Penetration Mastic, Asbestos Abatement And Disposal *(01 95 99 92-0030)*		
01 95 99 92-0047	SET	Up To 10 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	290.58	
01 95 99 92-0048	SF	>10 To 50 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	3.59	
01 95 99 92-0049	SF	>50 To 100 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	2.97	
01 95 99 92-0050	SF	>100 To 250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	2.42	
01 95 99 92-0051	SF	>250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	1.79	
01 95 99 92-0052		Lead Remediation *(01 95 99 92)* Note: Tasks include materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, clean-up, vacuuming, transportation for up to 25 miles, disposal, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete removal and disposal of lead contaminated materials in accordance with EPA and local regulations. Where types of Lead are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies.		
01 95 99 92-0053		Minimum Charge For Lead-Based Paint Remediation *(01 95 99 92-0052)*		
01 95 99 92-0054	EA	Lead-Based Paint Remediation Minimum Show Up Charge Note: For projects where the total lead-based paint remediation charge is less than the minimum charge, use task "Minimum Charge For Lead-Based Paint Remediation" exclusively. Task "Minimum Charge For Lead-Based Paint Remediation" should not be used in conjunction with any other tasks in this section. Includes air sample and personal air monitoring.	1,371.82	
01 95 99 92-0055		Chemical Stripping Of Lead Contaminated Material *(01 95 99 92-0052)* Note: Per 0.02" (20 mils) application. Manufacture recommended operating temperatures not to be below 50 degrees. Includes heat gun (where required) for follow up, waste handling, packing and all personnel blood work, lab test fees and monitoring. Industrial coatings often contain other hazardous ingredients in addition to or in place of lead. These might include, but are not be limited to, chromium, cadmium and mercury.		
01 95 99 92-0056	SF	Balustrades, Chemical Stripping Of Lead Contaminated Material	39.96	
01 95 99 92-0057	SF	Balustrades, Ornate, Chemical Stripping Of Lead Contaminated Material	59.32	
01 95 99 92-0058	LF	Up To 6" Wide, Wood Trim, Chemical Stripping Of Lead Contaminated Material	17.15	
01 95 99 92-0059	LF	>6" To 12" Wide, Wood Trim, Chemical Stripping Of Lead Contaminated Material	35.08	
01 95 99 92-0060	SF	Cornice, Chemical Stripping Of Lead Contaminated Material	18.61	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 92-0061	SF	Cornice, Ornate, Chemical Stripping Of Lead Contaminated Material	52.87	
01 95 99 92-0062	SF	Brick, Concrete Block, Concrete, Chemical Stripping Of Lead Contaminated Material	11.46	
01 95 99 92-0063	SF	Cabinets, Chemical Stripping Of Lead Contaminated Material	33.42	
01 95 99 92-0064	SF	Cabinets, Ornate, Chemical Stripping Of Lead Contaminated Material	42.61	
01 95 99 92-0065	SF	Plaster, Stucco and Drywall Surfaces, Chemical Stripping Of Lead Contaminated Material	15.83	
01 95 99 92-0066	SF	Columns, Chemical Stripping Of Lead Contaminated Material	15.19	
01 95 99 92-0067	SF	Flush Doors, One Side, Chemical Stripping Of Lead Contaminated Material	13.39	
01 95 99 92-0068	SF	Raised Panel Doors and Decorative Doors, Chemical Stripping Of Lead Contaminated Material	13.97	
01 95 99 92-0069	SF	Sectional Panel Or Roll-Up Doors, Chemical Stripping Of Lead Contaminated	24.29	
01 95 99 92-0070	EA	Electrical Devices, Chemical Stripping Of Lead Contaminated Material	69.55	
01 95 99 92-0071	LF	Door Frames, Chemical Stripping Of Lead Contaminated Material	17.21	
01 95 99 92-0072	SF	Wood Floors, Chemical Stripping Of Lead Contaminated Material	9.42	
01 95 99 92-0073	SF	HVAC Grilles, Chemical Stripping Of Lead Contaminated Material	35.72	
01 95 99 92-0074	SF	HVAC Grilles, Ornate, Chemical Stripping Of Lead Contaminated Material	42.61	
01 95 99 92-0075	EA	Hinges, Chemical Stripping Of Lead Contaminated Material	22.30	
01 95 99 92-0076	EA	Up To 6" Diameter Hangers, Chemical Stripping Of Lead Contaminated Material	27.51	
01 95 99 92-0077	LF	Up To 2" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	7.65	
01 95 99 92-0078	LF	>2" To 4" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	12.32	
01 95 99 92-0079	LF	>4" To 8" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	22.05	
01 95 99 92-0080	LF	>8" To 12" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	30.24	
01 95 99 92-0081	LF	>12" To 16" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	54.26	
01 95 99 92-0082	SF	>16" Diameter Pipes, Chemical Stripping Of Lead Contaminated Material, SF Of Surface Area	16.22	
01 95 99 92-0083	EA	Up To 12 SF Radiators, Chemical Stripping Of Lead Contaminated Material	322.82	
01 95 99 92-0084	SF	Flat And Raised Panel Wood Shutters, Chemical Stripping Of Lead Contaminated Material	22.42	
01 95 99 92-0085	SF	Louvered Wood Shutters, Chemical Stripping Of Lead Contaminated Material	24.56	
01 95 99 92-0086	SF	Siding, Chemical Stripping Of Lead Contaminated Material	12.82	
01 95 99 92-0087	SF	Soffit, Chemical Stripping Of Lead Contaminated Material	27.01	
01 95 99 92-0088	SF	Flat Steel Surfaces, Chemical Stripping Of Lead Contaminated Material	12.38	
01 95 99 92-0089	SF	Corrugated Steel, Chemical Stripping Of Lead Contaminated Material	14.07	
01 95 99 92-0090	SF	Steel Beams and Columns, Chemical Stripping Of Lead Contaminated Material	14.03	
01 95 99 92-0091	SF	Trusses, Chemical Stripping Of Lead Contaminated Material	19.91	
01 95 99 92-0092	SF	Wood Surfaces, Chemical Stripping Of Lead Contaminated Material	14.03	
01 95 99 92-0093	SF	Windows, One Side, 1/1 Light, Chemical Stripping Of Lead Contaminated Material	32.43	
01 95 99 92-0094	SF	Windows, One Side, 2/2 Light, Chemical Stripping Of Lead Contaminated Material	35.50	
01 95 99 92-0095	SF	Windows, One Side, 4/4 Light, Chemical Stripping Of Lead Contaminated Material	37.58	
01 95 99 92-0096	SF	Windows, One Side, 6/6 Light, Chemical Stripping Of Lead Contaminated Material	39.66	
01 95 99 92-0097	SF	Windows, One Side, 8/8 Light Chemical Stripping Of Lead Contaminated Material	41.74	
01 95 99 92-0098	SF	Windows, One Side, 10/10 Light, Chemical Stripping Of Lead Contaminated Material	43.90	
01 95 99 92-0099	SF	Windows, One Side, 12/12 light Chemical Stripping Of Lead Contaminated Material	45.92	
01 95 99 92-0100	SF	Windows, One Side, 14/14 Light, Chemical Stripping Of Lead Contaminated Material	46.96	
01 95 99 92-0101	SF	Windows, One Side, 16/16 Light Chemical Stripping Of Lead Contaminated Material	48.03	
01 95 99 92-0102	SF	Windows, One Side, 20/20 Light, Chemical Stripping Of Lead Contaminated Material	49.03	
01 95 99 92-0103	SF	Metal Stairs, Chemical Stripping Of Lead Contaminated Material	64.73	
01 95 99 92-0104	LF	Metal Single Hand Rail, Chemical Stripping Of Lead Contaminated Material	11.21	
01 95 99 92-0105	SF	Metal Railing And Posts, Chemical Stripping Of Lead Contaminated Material	32.87	
		Note: The unit of measure "SF" is measured for 'Length x Height'. Work includes both sides of railing.		
01 95 99 92-0106	SF	Metal Picket Fence, Chemical Stripping Of Lead Contaminated Material	35.97	
01 95 99 92-0107	LF	Window Sill Wood Trim, Chemical Stripping Of Lead Contaminated Material	8.96	
		For 0.025" (25 mil) Application, Add	*0.60*	
		For 0.03" (30 mil) Application, Add	*0.99*	
		For 0.125" (125 mil) Application, Add	*6.74*	
01 95 99 92-0108	LF	Window Jamb Wood Trim, Chemical Stripping Of Lead Contaminated Material	15.90	
		For 0.025" (25 mil) Application, Add	*0.95*	
		For 0.03" (30 mil) Application, Add	*1.51*	
		For 0.125" (125 mil) Application, Add	*8.48*	
01 95 99 92-0109	LF	Window Sash Wood Trim, Chemical Stripping Of Lead Contaminated Material	13.04	
		For 0.025" (25 mil) Application, Add	*0.80*	
		For 0.03" (30 mil) Application, Add	*1.30*	
		For 0.125" (125 mil) Application, Add	*7.76*	
01 95 99 92-0110	LF	Door Threshold, Wood Trim, Chemical Stripping Of Lead Contaminated Material	17.21	
		For 0.025" (25 mil) Application, Add	*1.06*	
		For 0.03" (30 mil) Application, Add	*1.72*	

01 95 99 92-0111 Demolish Lead Contaminated Material *(01 95 99 92-0052)*

Note: Includes waste handling, packing, all personnel blood work, lab test fees and monitoring. Industrial coatings often contain other hazardous ingredients in addition to or in place of lead. These might include, but are not be limited to, chromium, cadmium and mercury.

01 95 99 92-0112	SF	Demolish Ceiling Suspension System, Lead Contaminated Material		2.85
01 95 99 92-0113	SF	Demolish Plaster Or Stucco, And Lath, Lead Contaminated Material		4.15
01 95 99 92-0114	SF	Demolish Walls, Gypsum Board, Lead Contaminated Material		1.34
01 95 99 92-0115	SF	Demolish Suspended Ceiling System And Tile, Lead Contaminated Material		1.66
01 95 99 92-0116	SF	Demolish Acoustical Ceiling Tile, Lead Contaminated Material		1.06
01 95 99 92-0117	SF	Demolish Metal Pan Grid System, Lead Contaminated Material		1.65
01 95 99 92-0118	EA	Demolish Ceiling And Recessed Light Fixtures, Lead Contaminated Material		79.59
01 95 99 92-0119	EA	Demolish >2' x 4' Light Fixtures, Lead Contaminated Material		105.59
01 95 99 92-0120	SF	Demolish Non Load Bearing Partitions Of Plaster Or Stucco, Lath And Studs, Lead Contaminated Material		11.79
01 95 99 92-0121	SF	Demolish Non Load Bearing Partitions Of Gypsum Board And Studs, Lead Contaminated Material		6.60
01 95 99 92-0122	SF	Demolish Brick, Lead Contaminated Material		4.97
01 95 99 92-0123	SF	Demolish Concrete Block, Lead Contaminated Material		6.40
01 95 99 92-0124	SF	Demolish Tile, Lead Contaminated Material		4.82
01 95 99 92-0125	SF	Removal Of Lead Paint On Brick Or Concrete Block, Lead Contaminated Material		7.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 92-0126	IN	Drilling, Up To 1/2" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth	5.64	
01 95 99 92-0127	IN	Drilling, >1/2" To 1" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth	7.50	
01 95 99 92-0128	LF	Demolish Wood Balustrades And Railings, Lead Contaminated Material	8.25	
01 95 99 92-0129	LF	Demolish Up To 6" Wide Baseboard, Lead Contaminated Material	2.15	
01 95 99 92-0130	LF	Demolish >6" To 12" Wide Baseboard, Lead Contaminated Material	2.69	
01 95 99 92-0131	LF	Demolish Base Shoe Molding, Lead Contaminated Material	1.75	
01 95 99 92-0132	SF	Demolish Concrete, Lead Contaminated Material	16.42	
01 95 99 92-0133	LF	Demolish Cabinets, Lead Contaminated Material	38.24	
01 95 99 92-0134	SF	Demolish Ceilings, Gypsum Board, Lead Contaminated Material	2.16	
01 95 99 92-0135	SF	Demolish Up To 12" Diameter Columns, Lead Contaminated Material	21.19	
01 95 99 92-0136	SF	Demolish Cornice, Lead Contaminated Material	2.81	
01 95 99 92-0137	EA	Demolish Doors, Lead Contaminated Material	82.96	
01 95 99 92-0138	LF	Demolish Door And Window Trim Or Frames, Lead Contaminated Material	2.52	
01 95 99 92-0139	EA	Demolish Electrical Devices, Lead Contaminated Material	25.45	
01 95 99 92-0140	LF	Demolish Up To 1" Diameter Electrical Conduit, Lead Contaminated Material	3.27	
01 95 99 92-0141	LF	Demolish >1" To 2" Diameter Electrical Conduit, Lead Contaminated Material	5.44	
01 95 99 92-0142	SF	Demolish Wood Floors, Lead Contaminated Material	3.91	
01 95 99 92-0143	SF	Demolish Grilles, Lead Contaminated Material	4.60	
01 95 99 92-0144	EA	Demolish Hinges, Lead Contaminated Material	9.25	
01 95 99 92-0145	EA	Demolish Up To 6" Diameter Hangers, Lead Contaminated Material	19.89	
01 95 99 92-0146	LF	Demolish Up To 2" Diameter Pipes, Lead Contaminated Material	8.16	
01 95 99 92-0147	LF	Demolish >2" To 4" Diameter Pipes, Lead Contaminated Material	11.89	
01 95 99 92-0148	LF	Demolish >4" To 8" Diameter Pipes, Lead Contaminated Material	17.98	
01 95 99 92-0149	LF	Demolish >8" To 12" Diameter Pipes, Lead Contaminated Material	33.15	
01 95 99 92-0150	EA	Demolish Radiators, Lead Contaminated Material	143.20	
01 95 99 92-0151	EA	Demolish Shutters, Lead Contaminated Material	55.80	
01 95 99 92-0152	SF	Demolish Siding, Lead Contaminated Material	2.22	
01 95 99 92-0153	SF	Demolish Soffit, Lead Contaminated Material	1.88	
01 95 99 92-0154	SF	Demolish Flat Steel Surfaces, Lead Contaminated Material	5.16	
01 95 99 92-0155	SF	Demolish Steel Beams, Lead Contaminated Material	6.08	
01 95 99 92-0156	SF	Demolish Trusses, Lead Contaminated Material	7.97	
01 95 99 92-0157	SF	Demolish Walls, Wood, Lead Contaminated Material	5.89	
01 95 99 92-0158	SF	Demolish Windows, Lead Contaminated Material	19.81	
01 95 99 92-0159	SF	Demolish Metal Stair, Lead Contaminated Material	9.48	
01 95 99 92-0160	LF	Demolish Single Metal Hand Rail, Lead Contaminated Material	6.96	
01 95 99 92-0161	LF	Demolish Metal Railing And Posts, Lead Contaminated Material	11.38	
01 95 99 92-0162	SF	Demolish Metal Picket Fence, Lead Contaminated Material	3.14	
01 95 99 92-0163	SF	Demolish Plywood, Lead Contaminated Material	8.56	
01 95 99 92-0164	SF	Demolish Planks (Various Sizes), Lead Contaminated Material	4.18	
01 95 99 92-0165	EA	Demolish Metal Brackets Or Other Small Metal Shapes, Lead Contaminated Material	26.13	
01 95 99 92-0166	SF	Demolish Ceramic Tile Block, Lead Contaminated Material	5.70	
01 95 99 92-0167	LF	Demolish Metal Guard Rails, Lead Contaminated Material	15.68	
01 95 99 92-0168	LF	Demolish Roof Metal Trim, Lead Contaminated Material	3.35	
01 95 99 92-0169	LF	Demolish Rain Gutters, Lead Contaminated Material	5.75	
01 95 99 92-0170	LF	Demolish Downspouts, Lead Contaminated Material	4.71	
01 95 99 92-0171	LF	Demolish Roof Metal Flashing, Lead Contaminated Material	3.35	
01 95 99 92-0172	LF	Demolish Fascia Board Up To 12", Lead Contaminated Material	8.37	
01 95 99 92-0173	SF	Demolish And Replace Foundation Crawlspace Vent Cover/Frame (Wood) With New Material, Including 1/4" Galvanized Wire Mesh Screen	26.96	
01 95 99 92-0174	SF	Demolish And Replace Foundation Vent / Exterior Attic Vent Cover/Frame (Wood) With New Material, Including 1/4" Galvanized Wire Mesh Screen	36.24	

01 95 99 92-0175 Wet Sanding Of Lead Contaminated Material *(01 95 99 92-0052)*

01 95 99 92-0176	SF	Wet Sand/Scrape Of Lead Contaminated Material For Prep Before New Paint	3.98	
01 95 99 92-0177	SF	Fascia Boards, Wet Scrape/Remove Loose, Flaking Lead-Based Paint (LBP) To Prepare For Painting	3.98	
01 95 99 92-0178	SF	Eaves, Wet Scrape/Remove Loose, Flaking Lead-Based Paint (LBP) To Prepare For Painting	3.98	
01 95 99 92-0179	SF	Rafter Tails, Wet Scrape/Remove Loose, Flaking Lead-Based Paint (LBP) To Prepare For Painting	3.98	
01 95 99 92-0180	LF	Up To 6" Wide, Baseboard/Crown Molding (Simple), Wet Scrape/Remove Loose, Flaking Lead-Based Paint (LBP) To Prepare For Painting	1.99	
01 95 99 92-0181	LF	Up To 6" Wide, Baseboard/Crown Molding (Ornate), Wet Scrape/Remove Loose, Flaking Lead-Based Paint (LBP) To Prepare For Painting	2.30	
01 95 99 92-0182	LF	>6" To 12" Wide, Baseboard/Crown Molding (Ornate), Wet Scrape/Remove Loose, Flaking Lead-Based Paint (LBP) To Prepare For Painting	4.60	
01 95 99 92-0183	SF	Foundation Crawlspace Vent Cover/Frame (Wood), Wet Scrape/Remove Loose, Flaking Lead-Based Paint (LBP) To Prepare For Painting	3.98	
01 95 99 92-0184	SF	Foundation Vent / Exterior Attic Vent Cover/Frame (Wood), Wet Scrape/Remove Loose, Flaking Lead-Based Paint (LBP) To Prepare For Painting	4.38	

01 95 99 92-0185 Lead Abatement Encapsulation *(01 95 99 92-0052)*

Note: Can also be used for asbestos contaminated encapsulation. Spray applied application unless task described otherwise. Encapsulation does not include paint.

01 95 99 92-0186	SF	Balustrades, Lead Abatement Encapsulation	7.19	
01 95 99 92-0187	LF	Up To 6" Wide, Baseboard, Lead Abatement Encapsulation	8.32	
01 95 99 92-0188	LF	>6" To 12" Wide, Baseboard, Lead Abatement Encapsulation	11.21	
01 95 99 92-0189	SF	Brick, Concrete Block, Concrete, Lead Abatement Encapsulation	4.61	
01 95 99 92-0190	SF	Ornate Cabinets, Lead Abatement Encapsulation	10.42	
01 95 99 92-0191	SF	Simple Design Cabinets, Lead Abatement Encapsulation	8.48	
01 95 99 92-0192	SF	Drywall Ceilings, Lead Abatement Encapsulation	2.88	
01 95 99 92-0193	SF	Wood Ceilings, Lead Abatement Encapsulation	3.50	
01 95 99 92-0194	SF	Acoustical And Popcorn Ceilings, Lead Abatement Encapsulation	3.25	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 92-0195	SF	Columns, Lead Abatement Encapsulation	5.58	
01 95 99 92-0196	SF	Doors, Lead Abatement Encapsulation	12.24	
01 95 99 92-0197	LF	Up To 2" Electrical Conduit, Lead Abatement Encapsulation	4.70	
01 95 99 92-0198	SF	Picket Fence (Brush), Lead Abatement Encapsulation	3.32	
01 95 99 92-0199	SF	Wood Floors (Roller), Lead Abatement Encapsulation	2.77	
01 95 99 92-0200	SF	Grilles, Vents, Lead Abatement Encapsulation	7.76	
01 95 99 92-0201	LF	Gutters And Downspouts, Lead Abatement Encapsulation	7.19	
01 95 99 92-0202	EA	Hangers, Lead Abatement Encapsulation	61.44	
01 95 99 92-0203	LF	Up To 4" Diameter Pipe (Brush), Lead Abatement Encapsulation	4.36	
01 95 99 92-0204	LF	>4" To 8" Diameter Pipe (Brush), Lead Abatement Encapsulation	6.27	
01 95 99 92-0205	LF	>8" To 12" Diameter Pipe (Brush), Lead Abatement Encapsulation	9.70	
01 95 99 92-0206	LF	>12" To 16" Diameter Pipe (Brush), Lead Abatement Encapsulation	14.33	
01 95 99 92-0207	EA	Radiators, Lead Abatement Encapsulation	262.39	
01 95 99 92-0208	EA	Up To 6' Shutters, Lead Abatement Encapsulation	226.74	
01 95 99 92-0209	SF	Siding, Lead Abatement Encapsulation	3.97	
01 95 99 92-0210	SF	Up To 12" Soffit, Lead Abatement Encapsulation	5.58	
01 95 99 92-0211	SF	Steel, Flat Surfaces And Tanks Up To 12', Lead Abatement Encapsulation	4.61	
01 95 99 92-0212	SF	Steel Beams And Metal Decks, Lead Abatement Encapsulation	6.04	
01 95 99 92-0213	SF	Trusses, Lead Abatement Encapsulation	6.04	
01 95 99 92-0214	SF	Drywall Walls, Lead Abatement Encapsulation	2.56	
01 95 99 92-0215	SF	Wood Walls, Lead Abatement Encapsulation	3.16	
01 95 99 92-0216	EA	Window Without Grille, Lead Abatement Encapsulation	227.06	
01 95 99 92-0217	EA	Window With Grille, Lead Abatement Encapsulation	266.81	
01 95 99 92-0218	LF	Frames And Trim, Lead Abatement Encapsulation	4.12	
01 95 99 92-0219	LF	Steel Lintels, Lead Abatement Encapsulation	4.72	
01 95 99 92-0220	LF	Wood Fascia Boards, Lead Abatement Encapsulation	12.57	
01 95 99 92-0221	SF	Wood Eaves, Lead Abatement Encapsulation	12.57	
01 95 99 92-0222	LF	Wood Window Sill, Lead Abatement Encapsulation	3.77	
01 95 99 92-0223	LF	Wood Window Sash, Lead Abatement Encapsulation	4.85	
01 95 99 92-0224	LF	Wood Window Jamb And Trim, Lead Abatement Encapsulation	6.79	
01 95 99 92-0225	LF	Wood Doorway Threshold, Lead Abatement Encapsulation	4.54	
01 95 99 92-0226	LF	Up To 6" Wide, Crown Molding (Simple), Lead Abatement Encapsulation	7.15	
01 95 99 92-0227	LF	>6" To 12" Wide, Crown Molding (Simple), Lead Abatement Encapsulation	9.69	
01 95 99 92-0228	LF	Up To 6" Wide, Crown Molding (Ornate), Lead Abatement Encapsulation	8.88	
01 95 99 92-0229	LF	>6" To 12" Wide, Crown Molding (Ornate), Lead Abatement Encapsulation	11.99	
01 95 99 92-0230	SF	Foundation Crawlspace Vent Cover/Frame (Wood) – Lead Abatement Encapsulation	10.42	
01 95 99 92-0231	SF	Foundation Vent / Exterior Attic Vent Cover/Frame (Wood) – Lead Abatement Encapsulation	11.88	
01 95 99 92-0232		**Removal By Heat Gun Of Lead Contaminated Material** *(01 95 99 92-0052)* Note: Remove of multi-layes of paint down to substrate		
01 95 99 92-0233	SF	Scrape And Removal Of Multi-layers Of Paint With Heat Gun	7.74	
01 95 99 92-0234		**Barriers And Protection** *(01 95 99 92)* Note: Includes removal and disposal after use.		
01 95 99 92-0235		**Hazmat Containment Construction** *(01 95 99 92-0234)*		
01 95 99 92-0236	SF	6 Mil Plastic Sheeting, Applied To Floors, Hazmat Containment Construction	0.56	
01 95 99 92-0237	SF	6 Mil Plastic Sheeting, Applied To Walls, Hazmat Containment Construction	0.74	
01 95 99 92-0238	SF	6 Mil Plastic Sheeting, Applied To Ceilings, Hazmat Containment Construction	0.99	
01 95 99 92-0239		**Decontamination Chambers** *(01 95 99 92)* Note: Includes removal after use.		
01 95 99 92-0240	EA	Portable Personnel Decontamination Wash Facility (3 Stage) Note: Includes connection to negative air system.	1,034.99	
01 95 99 92-0241		**Residential Wood Hand Rails** *(01 95 99 92)*		
01 95 99 92-0242	EA	Brackets For Residential Hand Rails	45.57	14.15
01 95 99 92-0243	LF	2-1/4" x 2-3/8" Oak Colonial Residential Handrail	23.47	8.05
01 95 99 92-0244	LF	2-1/4" x 2-3/8" Hemlock Colonial Residential Handrail	20.82	8.05
01 95 99 92-0245	LF	2-1/4" x 2-3/8" Poplar Colonial Residential Handrail	23.27	8.05
01 95 99 92-0246	LF	1-5/8" x 1-1/16" Pine Oval Residential Handrail	17.16	8.05
01 95 99 92-0247	LF	1-1/4" x 2-1/4" Pine Oval Residential Handrail	17.25	8.05
01 95 99 92-0248	LF	2-1/4" x 1-5/16" Poplar Oval Residential Handrail	18.12	8.05
01 95 99 92-0249	LF	1-3/4" x 1-5/8" Oak Oval Residential Handrail	19.59	8.05
01 95 99 92-0250	LF	2-1/4" x 1-1/2" Oak Oval Residential Handrail	19.85	8.05
01 95 99 92-0251		**Residential Wood Shelving** *(01 95 99 92)* Note: Wood shelving is clear or finger jointed pine, poplar, laminated particle board or medium-density fiberboard (MDF) shelving. Includes brackets.		
01 95 99 92-0252	LF	12" Wide Wood Shelving For Residential Closets	30.12	7.37
01 95 99 92-0253	LF	16" Wide Wood Shelving For Residential Closets	45.20	11.16
01 95 99 92-0254	LF	20" Wide Wood Shelving For Residential Closets	60.47	14.85
01 95 99 92-0255		**Residential Cabinets** *(01 95 99 92)* Note: Cabinets meet Los Angeles County Housing Authority Specifications and include installation, all moldings, fasteners, caulking, and hardware (hinges, drawer guides, door pulls, etc). While all items associated with this task		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

may not be listed this task is for complete and in place construction.

01 95 99 92-0256 **Residential Base Cabinets** *(01 95 99 92-0255)*
Note: Excludes tops.

01 95 99 92-0257 **Base Cabinets, Single Drawer And Single Door** *(01 95 99 92-0256)*
Note: Use these cabinets for Universal Access (32-1/2" high with 8-1/2" kick) applications.

01 95 99 92-0258	EA	Up To 15" Width, 34-1/2" High x 24" Deep Base 1 Drawer And 1 Door Residential Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	0.00	
01 95 99 92-0259	EA	>15"-18" Width, 34-1/2" High x 24" Deep Base 1 Drawer And 1 Door Residential Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	0.00	
01 95 99 92-0260	EA	>18"-21" Width, 34-1/2" High x 24" Deep Base 1 Drawer And 1 Door Residential Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	0.00	
01 95 99 92-0261	EA	>21"-24" Width, 34-1/2" High x 24" Deep Base 1 Drawer And 1 Door Residential Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	0.00	

01 95 99 92-0262 **Base Cabinets, Double Drawer And Double Door** *(01 95 99 92-0256)*
Note: Use these cabinets for Universal Access (32-1/2" high with 8-1/2" kick) applications.

01 95 99 92-0263	EA	24"-27" Wide, 34-1/2" High x 24" Deep 2 Drawer And 2 Door Residential Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	0.00	
01 95 99 92-0264	EA	>27"-30" Wide, 34-1/2" High x 24" Deep 2 Drawer And 2 Door Residential Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	0.00	
01 95 99 92-0265	EA	>30"-33" Wide, 34-1/2" High x 24" Deep 2 Drawer And 2 Door Residential Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	0.00	
01 95 99 92-0266	EA	>33"-36" Wide, 34-1/2" High x 24" Deep 2 Drawer And 2 Door Residential Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	0.00	
01 95 99 92-0267	EA	>36"-42" Wide, 34-1/2" High x 24" Deep 2 Drawer And 2 Door Residential Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	0.00	
01 95 99 92-0268	EA	>42"-48" Wide, 34-1/2" High x 24" Deep 2 Drawer And 2 Door Residential Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	0.00	

01 95 99 92-0269 **Vanity Bases** *(01 95 99 92-0256)*

01 95 99 92-0270	EA	32-1/2" High x 21" Deep x 18" Wide Residential Vanity Bases, 1 Door Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	0.00	
01 95 99 92-0271	EA	32-1/2" High x 21" Deep x 21" Wide Residential Vanity Bases, 1 Door Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	0.00	
01 95 99 92-0272	EA	32-1/2" High x 21" Deep x 24" Wide Residential Vanity Bases, 2 Door Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	0.00	
01 95 99 92-0273	EA	32-1/2" High x 21" Deep x 30" Wide Residential Vanity Bases, 2 Door Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	0.00	
01 95 99 92-0274	EA	32-1/2" High x 21" Deep x 36" Wide Residential Vanity Bases, 2 Door Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	0.00	
01 95 99 92-0275	EA	32-1/2" High x 21" Deep x 42" Wide Residential Vanity Bases, 2 Door Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	0.00	

01 95 99 92-0276 **Residential Wall Cabinets** *(01 95 99 92-0255)*

01 95 99 92-0277 **Wall Cabinets 36" High x 13" Deep** *(01 95 99 92-0276)*

01 95 99 92-0278 **Single Door Type Units** *(01 95 99 92-0277)*

01 95 99 92-0279	EA	Up To 15" Wide, 36" High x 13" Deep Single Door Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	0.00	
01 95 99 92-0280	EA	>15"-18" Wide, 36" High x 13" Deep Single Door Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	0.00	
01 95 99 92-0281	EA	>18"-24" Wide, 36" High x 13" Deep Single Door Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	0.00	

01 95 99 92-0282 **Double Door Type Units** *(01 95 99 92-0277)*

01 95 99 92-0283	EA	Up To 27" Wide, 36" High x 13" Deep Double Door Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	0.00	
01 95 99 92-0284	EA	>27"-30" Wide, 36" High x 13" Deep Double Door Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	0.00	
01 95 99 92-0285	EA	>30"-36" Wide, 36" High x 13" Deep Double Door Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	0.00	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 92-0286	EA	>36"-42" Wide, 36" High x 13" Deep Double Door Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	0.00	
01 95 99 92-0287	EA	>42"-48" Wide, 36" High x 13" Deep Double Door Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	0.00	
01 95 99 92-0288		Wall Cabinets 30" High x 13" Deep *(01 95 99 92-0276)*		
01 95 99 92-0289		Single Door Type Units *(01 95 99 92-0288)*		
01 95 99 92-0290	EA	Up To 12" Wide, 30" High x 13" Deep Single Door Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	0.00	
01 95 99 92-0291	EA	>12"-15" Wide, 30" High x 13" Deep Single Door Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	0.00	
01 95 99 92-0292	EA	>15"-18" Wide, 30" High x 13" Deep Single Door Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	0.00	
01 95 99 92-0293	EA	>18"-24" Wide, 30" High x 13" Deep Single Door Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	0.00	
01 95 99 92-0294		Double Door Type Units *(01 95 99 92-0288)*		
01 95 99 92-0295	EA	Up To 27" Wide, 30" High x 13" Deep Double Door Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	0.00	
01 95 99 92-0296	EA	>27"-30" Wide, 30" High x 13" Deep Double Door Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	0.00	
01 95 99 92-0297	EA	>30"-36" Wide, 30" High x 13" Deep Double Door Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	0.00	
01 95 99 92-0298	EA	>36"-42" Wide, 30" High x 13" Deep Double Door Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	0.00	
01 95 99 92-0299	EA	>42"-48" Wide, 30" High x 13" Deep Double Door Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	0.00	
01 95 99 92-0300		Wall Cabinets 24" High x 13" Deep *(01 95 99 92-0276)*		
01 95 99 92-0301		Double Door Type Units *(01 95 99 92-0300)*		
01 95 99 92-0302	EA	Up To 27" Wide, 24" High x 13" Deep Double Door Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	0.00	
01 95 99 92-0303	EA	>27"-30" Wide, 24" High x 13" Deep Double Door Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	0.00	
01 95 99 92-0304	EA	>30"-36" Wide, 24" High x 13" Deep Double Door Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	0.00	
01 95 99 92-0305	EA	>36"-42" Wide, 24" High x 13" Deep Double Door Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	0.00	
01 95 99 92-0306		Wall Cabinets 15" High x 13" Deep *(01 95 99 92-0276)*		
01 95 99 92-0307		Double Door Type Units *(01 95 99 92-0306)*		
01 95 99 92-0308	EA	Up To 30" Wide, 15" High x 13" Deep Double Door Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	0.00	
01 95 99 92-0309	EA	>30"-36" Wide, 15" High x 13" Deep Double Door Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	0.00	
01 95 99 92-0310	EA	>36"-39" Wide, 15" High x 13" Deep Double Door Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	0.00	
01 95 99 92-0311		Wall Cabinets 12" High x 13" Deep *(01 95 99 92-0276)*		
01 95 99 92-0312	EA	Up To 30" Wide, 12" High x 13" Deep Double Door Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	0.00	
01 95 99 92-0313	EA	>30"-39" Wide, 12" High x 13" Deep Double Door Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	0.00	
01 95 99 92-0314		Full Height Wall Cabinets *(01 95 99 92-0276)*		
01 95 99 92-0315	LF	Up To 8' Tall x 13" Deep, Full Height Wall Cabinet	0.00	
01 95 99 92-0316	LF	Up To 8' Tall x 24" Deep, Full Height Wall Cabinet	0.00	
01 95 99 92-0317		Residential Cabinet Accessories *(01 95 99 92-0255)*		
01 95 99 92-0318	EA	Residential, Single Door Wall Corner Cabinet With Shelving Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	0.00	
01 95 99 92-0319	EA	Residential, Single Door Wall Lazy Susan With Cabinet Enclosure Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	0.00	
01 95 99 92-0320	EA	Residential, Base Corner Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels. Excludes countertop.	0.00	
01 95 99 92-0321	EA	Residential, Broom/Utility Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	0.00	
01 95 99 92-0322	EA	Residential, Base Range Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	0.00	
01 95 99 92-0323	EA	Residential, Microwave Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	0.00	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 92-0324		**Residential Cabinet Repairs** *(01 95 99 92-0255)*		
01 95 99 92-0325	EA	Replace Residential Cabinet Door Note: Includes all hardware.	0.00	
01 95 99 92-0326	EA	Replace Residential Cabinet Drawer Note: Includes all hardware.	0.00	
01 95 99 92-0327	PR	Replace Residential Drawer Guides	0.00	
01 95 99 92-0328	EA	Replace Residential Knob/Pull	0.00	
01 95 99 92-0329		**Roof Decking** *(01 95 99 92)*		
01 95 99 92-0330	SF	1/2" Thick CDX Plywood Roof Decking Note: Applied to wood rafters.	2.19	0.69
		For Shear Wall Construction, Add	*0.30*	
		For Exterior CC Grade Plywood, Add	*0.11*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.30*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.24*	
		For Fire Retardant Treatment, Add	*0.55*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.11*	
		For >12,800, Deduct	*-0.16*	
01 95 99 92-0331		**Fascia Board** *(01 95 99 92)*		
01 95 99 92-0332	LF	2" x 6" Pine Fascia Board	5.49	2.30
01 95 99 92-0333		**Mobilization Of Crew For Small Quantity Of Roof Work** *(01 95 99 92)* Note: For use with all roofing tasks where the total quantity of roof work is 4 squares or less.		
01 95 99 92-0334	EA	Up To 1 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	1,633.76	
01 95 99 92-0335	EA	>1 To 2 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	1,222.38	
01 95 99 92-0336	EA	>2 To 3 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	816.88	
01 95 99 92-0337	EA	>3 To 4 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	407.46	
01 95 99 92-0338		**Residential Roofing** *(01 95 99 92)*		
01 95 99 92-0339		**Aluminum Drip Edge** *(01 95 99 92-0338)*		
01 95 99 92-0340	LF	0.031" Thick Residential Vented Aluminum Drip Edge, 6-1/2" Shingle Underlay, Painted Finish	8.88	1.23
01 95 99 92-0341		**Flashing** *(01 95 99 92-0338)*		
01 95 99 92-0342	SF	Residential Aluminum Valley Flashing	39.20	3.40
01 95 99 92-0343	SF	Residential Aluminum Step Flashing	41.77	4.21
01 95 99 92-0344	SF	Residential Copper Step Flashing	29.38	5.98
01 95 99 92-0345		**Roofing** *(01 95 99 92-0338)*		
01 95 99 92-0346	SQ	Solar Reflective Shingles, CertainTeed Landmark Colaris	672.84	217.49
01 95 99 92-0347		**Architectural Fiberglass Reinforced, Asphalt Composition Shingle** *(01 95 99 92-0338)* Note: Excludes underlayment, drip edges, and ridge vent/shingles.		
01 95 99 92-0348	SQ	245 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark)	434.89	300.11
		For >35 To 75, Deduct	*-16.21*	
		For >75 To 100, Deduct	*-26.27*	
		For >100 To 200, Deduct	*-39.58*	
		For >200, Deduct	*-59.70*	
		For Steep Roof, Over 7 To 12, Add	*87.29*	
01 95 99 92-0349		**Asphalt Shingle Accessories** *(01 95 99 92-0338)*		
01 95 99 92-0350	LF	Architectural Hip And Ridge Shingles	5.92	3.89
01 95 99 92-0351	SQ	Demolish Additional Layers Of Shingles	128.25	
01 95 99 92-0352		**Corrugated Tiles And Shakes Nailed To Wood** *(01 95 99 92-0338)* Note: Includes 30 lb felt underlayment.		
01 95 99 92-0353	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Earthtone Colors, Corrugated	1,277.88	486.48
		For >50 To 75, Deduct	*-12.19*	
		For >75 To 100, Deduct	*-45.66*	
		For >100 To 200, Deduct	*-82.18*	
		For >200, Deduct	*-115.65*	
		For Steep Roof, Over 7 To 12, Add	*311.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 92-0354	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Colors, Shakes	1,250.78	435.26
		For >50 To 75, Deduct	*-15.20*	
		For >75 To 100, Deduct	*-48.37*	
		For >100 To 200, Deduct	*-85.35*	
		For >200, Deduct	*-118.52*	
		For Steep Roof, Over 7 To 12, Add	*278.61*	

01 95 99 92-0355 Accessories *(01 95 99 92-0338)*

01 95 99 92-0356	EA	Ridge And Hip, 10" X 16-1/2", 8 LB Each For Concrete Tile Roof	5.09	
01 95 99 92-0357	EA	Rake, 6-1/2" X 16-3/4", 9 LB Each For Concrete Tile Roof	3.35	

01 95 99 92-0358 Mechanically Fastened, Roofing Underlayment *(01 95 99 92-0338)*

Note: Standard slope.

01 95 99 92-0359	SQ	30 LB, Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened	68.73	13.46
		For Steep Roof, Over 7 To 12, Add	*8.61*	
		For >50 To 75, Deduct	*-1.67*	
		For >75 To 100, Deduct	*-3.60*	
		For >100 To 200, Deduct	*-5.95*	
		For >200, Deduct	*-8.55*	
01 95 99 92-0360	SQ	30 LB, Asphalt Saturated Organic Felt Shake Underlayment, Mechanically Fastened	76.61	13.46
		For Steep Roof, Over 7 To 12, Add	*8.61*	
		For >50 To 75, Deduct	*-1.99*	
		For >75 To 100, Deduct	*-4.15*	
		For >100 To 200, Deduct	*-6.81*	
		For >200, Deduct	*-9.65*	

01 95 99 92-0361 Prepared Roll Roofing *(01 95 99 92-0338)*

Note: Fastened with roofing nails and roofing cement. Includes fasteners and adhesive. Excludes warranty.

01 95 99 92-0362	SQ	Granule Surfaced, 90 LB, Asphalt Saturated Organic Felt Roll Roofing	288.17	40.78

01 95 99 92-0363 Built-Up Asphalt Roofing Components *(01 95 99 92-0338)*

01 95 99 92-0364 Built-Up Asphalt Membrane Roofing *(01 95 99 92-0363)*

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing.

01 95 99 92-0365 Cold Adhesive Applied, Built-Up Asphalt Membrane Roofing *(01 95 99 92-0364)*

Note: Includes applying cold adhesive and embedding the membrane.

01 95 99 92-0366 Cold Adhesive Applied, Built-Up Asphalt Roofing Base, Ply And Cap Sheets *(01 95 99 92-0365)*

01 95 99 92-0367	SQ	Type IV, Asphalt Coated Fiberglass Ply Sheet, Cold Adhesive Applied	130.44	
		For Up To 10, Add	*34.64*	
		For >10 To 20, Add	*19.46*	
		For >10 To 20, Add	*19.46*	
01 95 99 92-0368	SQ	Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Cold Adhesive Applied	359.02	
		For Up To 10, Add	*80.35*	
		For >10 To 20, Add	*42.31*	
		For >10 To 20, Add	*42.31*	

01 95 99 92-0369 Cold Adhesive Applied, Built-Up Asphalt Roofing Flashing *(01 95 99 92-0365)*

01 95 99 92-0370	SF	Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Cold Adhesive Applied	8.63	

01 95 99 92-0371 Asphalt Saturated Organic Felt *(01 95 99 92-0363)*

01 95 99 92-0372 Cold Adhesive Applied, Asphalt Saturated Organic Felt *(01 95 99 92-0371)*

Note: Includes applying cold adhesive and embedding the felt.

01 95 99 92-0373	SQ	15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied	126.37	
		For Up To 10, Add	*33.82*	
		For >10 To 20, Add	*19.05*	
		For >10 To 20, Add	*19.05*	
01 95 99 92-0374	SQ	30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied	143.17	
		For Up To 10, Add	*37.18*	
		For >10 To 20, Add	*20.73*	
		For >10 To 20, Add	*20.73*	

01 95 99 92-0375 Demolish Built-Up Roofing *(01 95 99 92-0363)*

Note: For removing any asphalt, coal tar or modified bitumen roofing system, including surfacing material down to the insulation or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.).

01 95 99 92-0376	SQ	Demolish Cap Sheet Surfaced, Built Up Roofing System Note: Includes protective surfacing.	346.28	
		For Up To 10, Add	*86.00*	
		For >10 To 25, Add	*51.60*	

01 95 99 92-0377 Residential Windows *(01 95 99 92)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 92-0378		Residential Vinyl Windows *(01 95 99 92-0377)* Note: All labor, material and equipment to remove existing windows and Security bars install new windows (Milgard, Quite Line Series). Includes white solid vinyl interior and exterior, standard hardware, clear insulated low E glass and insect screen. Chip clean and repair any stucco as needed and repair drywall as needed (allow 2 SF each of stucco and drywall chip, cut and repair), stucco key replacement, caulking and sealants. This list may not cover all individual items involved in the new window removal and installation, however it is intended to represent the complete in-place window replacement.		
01 95 99 92-0379		Double Hung Vinyl Windows *(01 95 99 92-0378)*		
01 95 99 92-0380		Double Hung Flanged Vinyl Windows (Milgard Quiet Line™ Series) *(01 95 99 92-0379)*		
01 95 99 92-0381	EA	Up To 73" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,087.01	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*27.19*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
01 95 99 92-0382	EA	>73" To 83" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,198.93	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.78*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
01 95 99 92-0383	EA	>83" To 93" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,303.76	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.37*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
01 95 99 92-0384	EA	>93" To 101" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,378.81	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.96*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
01 95 99 92-0385	EA	>101" To 110" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,459.17	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*37.55*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
01 95 99 92-0386	EA	>110" To 120" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,471.24	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*22.88*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
01 95 99 92-0387	UI	>120" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	13.25	
		For Re-Installation Of Existing Security Bars, Add	*0.34*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.34*	
		For New Security Bar Installation (includes foot quick release), Add	*6.62*	
01 95 99 92-0388		Casement Vinyl Windows *(01 95 99 92-0378)*		
01 95 99 92-0389		Casement Flanged Vinyl Windows (Milgard Quiet Line™ Series) *(01 95 99 92-0388)*		
01 95 99 92-0390		One Operating Sash, Casement Vinyl Windows (Milgard Quiet Line™ Series) *(01 95 99 92-0389)*		
01 95 99 92-0391	EA	Up To 53" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,048.59	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*22.01*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
01 95 99 92-0392	EA	>53 To 63" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,191.36	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*24.60*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
01 95 99 92-0393	EA	>63 To 73" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,319.91	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*27.19*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
01 95 99 92-0394	EA	>73" To 83" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,434.32	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.78*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
01 95 99 92-0395	EA	>83" To 93" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,534.54	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.37*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
01 95 99 92-0396	EA	>93" To 101" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,593.63	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.96*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 92-0397	UI	>101" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	15.71	
		For Re-Installation Of Existing Security Bars, Add	*0.34*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.34*	
		For New Security Bar Installation (includes foot quick release), Add	*6.62*	

01 95 99 92-0398 Two Operating Sashes, Casement Vinyl Windows (Milgard Quiet Line™ Series) *(01 95 99 92-0389)*

01 95 99 92-0399	EA	Up To 73" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,759.86	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*27.19*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
01 95 99 92-0400	EA	>73" To 83" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,934.51	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.78*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
01 95 99 92-0401	EA	>83" To 93" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	2,095.00	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.37*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
01 95 99 92-0402	EA	>93" To 101" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	2,202.31	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.96*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
01 95 99 92-0403	EA	>101" To 110" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	2,317.04	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*37.55*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
01 95 99 92-0404	EA	>110" To 120" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	2,437.13	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*40.14*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
01 95 99 92-0405	UI	>120" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	20.33	
		For Re-Installation Of Existing Security Bars, Add	*0.34*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.34*	
		For New Security Bar Installation (includes foot quick release), Add	*6.62*	

01 95 99 92-0406 Horizontal Sliding Vinyl Windows *(01 95 99 92-0378)*

01 95 99 92-0407 Horizontal Flanged Sliding Vinyl Windows (Milgard Quiet Line™ Series) *(01 95 99 92-0406)*

01 95 99 92-0408	EA	Up To 73" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	983.51	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*27.19*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
01 95 99 92-0409	EA	>73" To 83" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	1,081.25	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.78*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
01 95 99 92-0410	EA	>83" To 93" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	1,171.87	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.37*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
01 95 99 92-0411	EA	>93" To 101" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	1,235.58	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.96*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
01 95 99 92-0412	EA	>101" To 110" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	1,303.19	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*37.55*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
01 95 99 92-0413	EA	>110" To 120" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	1,416.17	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*40.14*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
01 95 99 92-0414	UI	>120" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	11.82	
		For Re-Installation Of Existing Security Bars, Add	*0.34*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.34*	
		For New Security Bar Installation (includes foot quick release), Add	*6.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 92-0415		Fixed Picture Vinyl Windows *(01 95 99 92-0378)*		
01 95 99 92-0416		Fixed Picture Flanged Vinyl Windows (Milgard Style Line™ Series) *(01 95 99 92-0415)*		
01 95 99 92-0417	EA	Up To 53" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	727.92	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*22.01*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
01 95 99 92-0418	EA	>53 To 63" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	826.09	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*24.60*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
01 95 99 92-0419	EA	>63 To 73" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	915.08	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*27.19*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
01 95 99 92-0420	EA	>73" To 83" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	994.94	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.78*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
01 95 99 92-0421	EA	>83" To 93" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	1,065.65	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.37*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
01 95 99 92-0422	EA	>93" To 101" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	1,109.88	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.96*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
01 95 99 92-0423	UI	>101" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	10.93	
		For Re-Installation Of Existing Security Bars, Add	*0.34*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.34*	
		For New Security Bar Installation (includes foot quick release), Add	*6.62*	
01 95 99 92-0424		Accessories For Vinyl Windows *(01 95 99 92-0378)*		
01 95 99 92-0425		Factory Installed Grilles For Vinyl Windows *(01 95 99 92-0424)*		
01 95 99 92-0426		Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows *(01 95 99 92-0425)*		
01 95 99 92-0427	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	71.08	
01 95 99 92-0428	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	91.39	
01 95 99 92-0429	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	117.71	
01 95 99 92-0430	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	138.94	
01 95 99 92-0431	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	170.79	
01 95 99 92-0432		Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows *(01 95 99 92-0425)*		
01 95 99 92-0433	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	161.56	
01 95 99 92-0434	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	193.87	
01 95 99 92-0435	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	244.64	
01 95 99 92-0436	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	304.65	
01 95 99 92-0437	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	364.66	
01 95 99 92-0438		Meeting Egress Code For Windows *(01 95 99 92-0378)*		
01 95 99 92-0439	EA	Drop Sill Up To 47"	382.75	
		Note: Includes king stud, trimmers, cripples, exterior flashing, stucco molding, stucco patch with fog coat, drywall texture to match existing 90%, insulation if applicable (R-15), lath and paper overlap, backer rod, caulking, paint touch-up to match existing minimum 90% (hand applied only)		
01 95 99 92-0440	EA	Enlarge Sideways Up To 49" Wide	506.55	
		Note: Includes header, king stud, trimmers, cripples, exterior flashing, stucco molding, stucco path with fog coat, drywall texture to match existing 90%, insulation if applicable (R-15), lath and paper overlap, backer rod, caulking, paint touch-up to match existing minimum 90% (hand applied only		
01 95 99 92-0441		Remove And Reinstall Residential Window Security Bars *(01 95 99 92-0377)*		
		Note: Includes reusing existing bolts and fasteners.		
01 95 99 92-0442	EA	Remove and Reinstall Residential Window Security Bars	57.52	
		Note: Includes four connecting bolts.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 92-0443		**Residential Doors** *(01 95 99 92)*		
01 95 99 92-0444		**Residential Exterior Doors** *(01 95 99 92-0443)*		
01 95 99 92-0445		**Pre-Hung Steel Exterior Residential Doors** *(01 95 99 92-0444)*		
		Note: Primed galvanized steel skin with polystyrene core door. Primed galvanized steel skin and wood frame.		
01 95 99 92-0446	EA	25 Gauge Flush Pre-Hung (Or Slab Only) Steel Exterior Residential Doors	440.40	80.57
		For 12" x 12" Vision Light, Add	*74.12*	
		For 20 Minute Fire Rating, Add	*159.18*	
		For 90 Minute Fire Rating, Add	*368.64*	
01 95 99 92-0447	EA	25 Gauge Six Panel Pre-Hung (Or Slab Only) Steel Exterior Residential Doors	466.88	80.57
		For Fan Or Nine Lite, Add	*60.36*	
		For 20 Minute Fire Rating, Add	*174.28*	
		For 90 Minute Fire Rating, Add	*403.59*	
01 95 99 92-0448	EA	24 Gauge Flush Pre-Hung Steel Exterior Residential Doors	659.53	86.32
		For 12" x 12" Vision Light, Add	*74.12*	
		For 20 Minute Fire Rating, Add	*19.48*	
		For 90 Minute Fire Rating, Add	*287.27*	
01 95 99 92-0449	EA	24 Gauge Six Panel Pre-Hung Steel Exterior Residential Doors	677.25	86.32
		For Fan Or Nine Lite, Add	*60.36*	
		For 20 Minute Fire Rating, Add	*20.18*	
		For 90 Minute Fire Rating, Add	*297.72*	
01 95 99 92-0450	EA	22 Gauge Flush Pre-Hung Steel Exterior Residential Doors	795.05	92.08
		For 12" x 12" Vision Light, Add	*74.12*	
		For 20 Minute Fire Rating, Add	*24.44*	
		For 90 Minute Fire Rating, Add	*598.68*	
01 95 99 92-0451	EA	22 Gauge Six Panel Pre-Hung Steel Exterior Residential Doors	820.21	92.08
		For Fan Or Nine Lite, Add	*60.36*	
		For 20 Minute Fire Rating, Add	*25.44*	
		For 90 Minute Fire Rating, Add	*623.34*	
01 95 99 92-0452		**Pre-Hung Fiberglass Exterior Residential Doors** *(01 95 99 92-0444)*		
01 95 99 92-0453	EA	Flush Pre-Hung Fiberglass Exterior Residential Doors	740.95	86.32
		For Fan Or Nine Lite, Add	*60.36*	
		For 20 Minute Fire Rating, Add	*96.61*	
01 95 99 92-0454	EA	Six Panel Pre-Hung Fiberglass Exterior Residential Doors	741.12	86.32
		For Fan Or Nine Lite, Add	*60.36*	
		For 20 Minute Fire Rating, Add	*147.80*	
01 95 99 92-0455		**Residential Interior Doors** *(01 95 99 92-0443)*		
01 95 99 92-0456		**Pre-Hung High-Density Fiberboard Hollow Core Six Panel Door And Frame** *(01 95 99 92-0455)*		
		Note: Includes hinges.		
01 95 99 92-0457	EA	1'-6", Pre-Hung 1-3/8" Primed, High-Density Fiberboard Hardboard, Hollow Core, Six Panel Residential Door And Frame	284.97	69.05
01 95 99 92-0458	EA	2'-0", Pre-Hung 1-3/8" Primed, High-Density Fiberboard Hardboard, Hollow Core, Six Panel Residential Door And Frame	295.53	71.93
01 95 99 92-0459	EA	2'-4", Pre-Hung 1-3/8" Primed, High-Density Fiberboard Hardboard, Hollow Core, Six Panel Residential Door And Frame	312.86	73.37
01 95 99 92-0460	EA	2'-6", Pre-Hung 1-3/8" Primed, High-Density Fiberboard Hardboard, Hollow Core, Six Panel Residential Door And Frame	318.14	74.81
01 95 99 92-0461	EA	2'-8", Pre-Hung 1-3/8" Primed, High-Density Fiberboard Hardboard, Hollow Core, Six Panel Residential Door And Frame	325.84	76.25
01 95 99 92-0462	EA	3'-0", Pre-Hung 1-3/8" Primed, High-Density Fiberboard Hardboard, Hollow Core, Six Panel Residential Door And Frame	333.54	77.69
01 95 99 92-0463		**Residential Security Screens** *(01 95 99 92-0443)*		
01 95 99 92-0464	EA	Heavy-Duty Aluminum Residential Security Screen Door, 0.028" Stainless Mesh, Hardware (Tapco Or Equal)	906.57	176.75
		For Powder Coated Color, Add	*19.71*	
01 95 99 92-0465	EA	Heavy-Duty Steel Residential Security Screen Door, 0.028" Stainless Steel Mesh, Powder Coated Color And Hardware (Summitt Or Rusco Or Equal)	856.82	176.75
01 95 99 92-0466		**Residential Door Hardware** *(01 95 99 92-0443)*		
01 95 99 92-0467	PR	Exterior Residential Grade Door Hinges	70.34	11.59
01 95 99 92-0468	PR	Interior Residential Grade Door Hinges	56.90	11.59
01 95 99 92-0469	EA	4" Modern Bright Brass Surface Bolt, Residential	49.94	12.75
01 95 99 92-0470	EA	6" Modern Bright Brass Surface Bolt, Residential	54.01	12.75
01 95 99 92-0471	EA	4" Modern Satin Chrome Surface Bolt, Residential	53.73	12.75
01 95 99 92-0472	EA	6" Modern Satin Chrome Surface Bolt, Residential	58.34	12.75
01 95 99 92-0473	EA	Interior Lockset With Knobs, Schlage Rhode Design "D" Series	559.43	53.78
01 95 99 92-0474	EA	Interior Lockset With Knobs, Schlage Levon Design "A" Series	395.80	53.78
01 95 99 92-0475		**Residential Door Accessories** *(01 95 99 92-0443)*		
01 95 99 92-0476	EA	Residential Chain Door Guard	55.58	11.50
01 95 99 92-0477	EA	Residential Wall Mounted Door Bumper	28.46	5.76

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 92-0478		**Residential Sliding Doors** *(01 95 99 92-0443)*		
01 95 99 92-0479		**Premium Vinyl Sliding Glass Doors (Milgard Style Line™ Series)** *(01 95 99 92-0478)* Note: Includes white solid vinyl interior and exterior, standard hardware and clear high-performance Low-E insulating glass. Excludes grilles and insect screens.		
01 95 99 92-0480	EA	61-3/4" x 81-3/4" Frame Opening, 2-Panel Vinyl Sliding Glass Door (Milgard Style Line™ Series)	4,847.97	90.93
01 95 99 92-0481	EA	73-3/4" x 81-3/4" Frame Opening, 2-Panel Vinyl Sliding Glass Door (Milgard Style Line™ Series)	5,326.16	92.08
01 95 99 92-0482	EA	97-3/4" x 81-3/4" Frame Opening, 2-Panel Vinyl Sliding Glass Door (Milgard Style Line™ Series)	7,122.32	110.49
01 95 99 92-0483		**Wood Moldings** *(01 95 99 92)*		
01 95 99 92-0484	LF	1-1/8" Wide Soft Wood Door And Window Molding	5.32	1.84
		For Clear Birch, Add	*0.39*	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	*0.96*	
		For Stain Grade Material (No Finger Joints), Add	*0.22*	
		For Clear Poplar, Add	*0.24*	
01 95 99 92-0485	LF	2-1/2" Wide Soft Wood Door And Window Molding	6.67	1.84
		For Clear Birch, Add	*0.82*	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	*1.56*	
		For Stain Grade Material (No Finger Joints), Add	*0.46*	
		For Clear Poplar, Add	*0.51*	
01 95 99 92-0486	LF	3-1/2" Soft Wood Base Molding, All Dimensions Are Nominal	6.98	1.38
		For Clear Birch, Add	*0.76*	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	*1.53*	
		For Stain Grade Material (No Finger Joints), Add	*0.43*	
		For Clear Poplar, Add	*0.48*	
01 95 99 92-0487		**Drywall, Plaster and Stucco** *(01 95 99 92)*		
01 95 99 92-0488		**Plaster** *(01 95 99 92-0487)*		
01 95 99 92-0489	SF	Up To 10 SF, Cut And Patch Hole In Plaster To Match Existing	21.03	
01 95 99 92-0490	SF	>10 To 50 SF, Cut And Patch Hole In Plaster To Match Existing	18.62	
01 95 99 92-0491		**Stucco** *(01 95 99 92-0487)*		
01 95 99 92-0492	SF	Up To 10 SF, Chip, Clean And Repair Plaster/Stucco	39.62	
01 95 99 92-0493	SF	>10 To 50 SF, Chip, Clean And Repair Plaster/Stucco	28.77	
01 95 99 92-0494		**Lath** *(01 95 99 92-0487)*		
01 95 99 92-0495	SF	2.5 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	2.82	0.66
		For Stainless Steel, Add	*0.88*	
01 95 99 92-0496	LF	Stucco Key Replacement Note: Includes removal of existing.	5.83	0.66
01 95 99 92-0497	LF	Galvanized Weep Screed	4.23	0.66
01 95 99 92-0498	CSF	Two Layer Kraft Paper Laminated With Asphalt, Grade "B" Building Paper (Aquabar B)	32.00	
01 95 99 92-0499		**Drywall** *(01 95 99 92-0487)*		
01 95 99 92-0500	SF	Up To 2 SF, Cut And Patch Hole In Drywall To Match Existing Note: Per location.	22.60	
01 95 99 92-0501	SF	>2 To 4 SF, Cut And Patch Hole In Drywall To Match Existing Note: Per location.	18.27	
01 95 99 92-0502	SF	>4 To 8 SF, Cut And Patch Hole In Drywall To Match Existing Note: Per location.	16.41	
01 95 99 92-0503	SF	>8 To 16 SF, Cut And Patch Hole In Drywall To Match Existing Note: Per location.	14.47	
01 95 99 92-0504	SF	>16 To 32 SF, Cut And Patch Hole In Drywall To Match Existing Note: Per location.	12.96	
01 95 99 92-0505	SF	1/2" Gypsum Board	1.75	0.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.28*	
		For Adhesive Applied Sheets, Add *Note: Includes bracing until adhesive is bonded*	*0.12*	
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.40*	
		For Horizontal Installation >10' High, Add	*0.60*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*0.59*	
		For >128 To 320, Add	*0.35*	
		For >1,536, Deduct	*-0.14*	
01 95 99 92-0506	SF	5/8" Gypsum Board	2.06	0.68
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.32*	
		For Adhesive Applied Sheets, Add *Note: Includes bracing until adhesive is bonded*	*0.13*	
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.47*	
		For Horizontal Installation >10' High, Add	*0.69*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*0.69*	
		For >128 To 320, Add	*0.41*	
		For >1,536, Deduct	*-0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 92-0507		**Residential Painting** *(01 95 99 92)* Note: Includes all materials, surface preparation (wipe down and light clean, patching holes up to 3/8"), caulking and sealing, all finishes, surface protection, and masking tape.		
01 95 99 92-0508	SF	Paint Exterior Stucco Walls, 1 Coat Primer, Brush Roller Work	1.18	
		For Work >20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
01 95 99 92-0509	SF	Paint Exterior Stucco Walls, 2 Coats Paint, Brush Roller Work	2.48	
		For Work >20' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.47*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.31*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.37*	
01 95 99 92-0510	SF	Paint Interior Plaster/Drywall Walls, 1 Coat Primer, Brush Roller Work	0.77	
		For Work >20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
01 95 99 92-0511	SF	Paint Interior Plaster/Drywall Walls, 2 Coats Paint, Brush Roller Work	1.56	
		For Work >20' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.98*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.23*	
01 95 99 92-0512	SF	Paint Interior Drywall/Plaster Ceiling, 1 Coat Primer, Brush Roller Work	0.91	
		For Work >20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
01 95 99 92-0513	SF	Paint Interior Drywall/Plaster Ceiling, 2 Coats Paint, Brush Roller Work	1.67	
		For Work >20' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.08*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
01 95 99 92-0514	EA	Paint Door, Each Face, 1 Coat Primer, Brush Roller Work	53.14	
		For >5 To 10, Deduct	*-2.66*	
		For >10 To 25, Deduct	*-5.31*	
		For >25, Deduct	*-7.97*	
01 95 99 92-0515	EA	Paint Door, Each Face, 2 Coats Paint, Brush Roller Work	94.67	
		For >5 To 10, Deduct	*-4.73*	
		For >10 To 25, Deduct	*-9.47*	
		For >25, Deduct	*-14.20*	
01 95 99 92-0516	LF	Paint Door Frame And Trim, 1 Coat Primer, Brush Roller Work	1.22	
01 95 99 92-0517	LF	Paint Door Frame And Trim, 2 Coats Paint, Brush Roller Work	2.66	
01 95 99 92-0518	LF	1 Coat Primer, Brush/Roller Work, Paint Baseboard/Crown Molding (Simple) To 6" Wide	0.83	
		For Work >20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
01 95 99 92-0519	LF	2 Coats Paint, Brush/Roller Work, Paint Baseboard/Crown Molding (Simple) To 6" Wide	1.92	
		For Work >20' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 20'.		
01 95 99 92-0520	LF	1 Coat Primer, Brush/Roller Work, Paint Baseboard/Crown Molding (Ornate)To 6" Wide	0.89	
		For Work >20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
01 95 99 92-0521	LF	2 Coats Paint, Brush/Roller Work, Paint Baseboard/Crown Molding (Ornate) to 6" Wide	2.11	
		For Work >20' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 20'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 92-0522	SF	1 Coat Primer, Brush/Roller Work, Paint Baseboard/Crown Molding (Ornate) >6" Wide	2.10	
		For Work >20' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.39*	
		For >100 To 250, Add	*0.66*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
01 95 99 92-0523	SF	2 Coats Paint, Brush/Roller Work, Paint Baseboard/Crown Molding (Ornate) > 6" Wide	4.25	
		For Work >20' Above Floor, Add	*0.89*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*2.77*	
		For >100 To 250, Add	*1.31*	
		For >250 To 500, Add	*0.57*	
		For >2,500 To 5,000, Deduct	*-0.21*	
		For >5,000 To 10,000, Deduct	*-0.43*	
		For >10,000 To 20,000, Deduct	*-0.64*	
01 95 99 92-0524	LF	1 Coat Primer, Brush/Roller Work, Paint Wood Doorway Threshold	1.26	
01 95 99 92-0525	LF	2 Coats Paint, Brush/Roller Work, Paint Wood Doorway Threshold	2.73	
01 95 99 92-0526	SF	1 Coat Primer, Brush/Roller Work, Paint Eaves	1.43	
		For Work >20' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
01 95 99 92-0527	SF	2 Coats Paint, Brush/Roller Work, Paint Eaves	2.97	
		For Work >20' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.68*	
		For >100 To 250, Add	*0.81*	
		For >250 To 500, Add	*0.35*	
		For >2,500 To 5,000, Deduct	*-0.15*	
		For >5,000 To 10,000, Deduct	*-0.30*	
		For >10,000 To 20,000, Deduct	*-0.45*	
01 95 99 92-0528	SF	1 Coat Primer, Sprayed, Paint Eaves	1.24	
		For Work >20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.19*	
01 95 99 92-0529	SF	2 Coats Paint, Sprayed, Paint Eaves	2.62	
		For Work >20' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.35*	
		For >100 To 250, Add	*0.66*	
		For >250 To 500, Add	*0.29*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000 To 20,000, Deduct	*-0.39*	
01 95 99 92-0530	SF	1 Coat Primer, Brush/Roller Work, Paint Rafter Tails	1.43	
		For Work >20' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
01 95 99 92-0531	SF	2 Coats Paint, Brush/Roller Work, Paint Rafter Tails	2.97	
		For Work >20' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.68*	
		For >100 To 250, Add	*0.81*	
		For >250 To 500, Add	*0.35*	
		For >2,500 To 5,000, Deduct	*-0.15*	
		For >5,000 To 10,000, Deduct	*-0.30*	
		For >10,000 To 20,000, Deduct	*-0.45*	
01 95 99 92-0532	SF	1 Coat Primer, Sprayed, Paint Rafter Tails	1.24	
		For Work >20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 92-0533	SF	2 Coats Paint, Sprayed, Paint Rafter Tails	2.62	
		For Work >20' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.35*	
		For >100 To 250, Add	*0.66*	
		For >250 To 500, Add	*0.29*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000 To 20,000, Deduct	*-0.39*	
01 95 99 92-0534	SF	1 Coat Primer, Brush/Roller Work, Paint Wood Foundation Crawlspace Vent Cover/Frame	1.43	
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
01 95 99 92-0535	SF	2 Coats Paint, Brush/Roller Work, Paint Wood Foundation Crawlspace Vent Cover/Frame	2.97	
		For Up To 100, Add	*1.68*	
		For >100 To 250, Add	*0.81*	
		For >250 To 500, Add	*0.35*	
		For >2,500 To 5,000, Deduct	*-0.15*	
		For >5,000 To 10,000, Deduct	*-0.30*	
		For >10,000 To 20,000, Deduct	*-0.45*	
01 95 99 92-0536	SF	1 Coat Primer, Brush/Roller Work, Paint Wood Foundation Vent / Exterior Attic Vent Cover/Frame	1.43	
		For Work >20' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
01 95 99 92-0537	SF	2 Coats Paint, Brush/Roller Work, Paint Wood Foundation Vent / Exterior Attic Vent Cover/Frame	2.97	
		For Work >20' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.68*	
		For >100 To 250, Add	*0.81*	
		For >250 To 500, Add	*0.35*	
		For >2,500 To 5,000, Deduct	*-0.15*	
		For >5,000 To 10,000, Deduct	*-0.30*	
		For >10,000 To 20,000, Deduct	*-0.45*	

01 95 99 92-0538 Painting, Touch Up *(01 95 99 92)*

Note: Includes all materials, surface preparation (wipe down and light clean, patching holes up to 3/8"), caulking and sealing, all finishes, surface protection, and masking tape.

01 95 99 92-0539	SF	Paint Touch Up Interior Plaster/Drywall Walls, 1 Coat Primer, Brush Roller Work	0.77	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	
01 95 99 92-0540	SF	Paint Touch Up Interior Plaster/Drywall Walls, 2 Coats Paint, Brush Roller Work	1.56	
		For Up To 100, Add	*0.98*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
01 95 99 92-0541	SF	Paint Touch Up Interior Plaster/Drywall Walls, 1 Coat Primer, Sprayed	0.66	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
01 95 99 92-0542	SF	Paint Touch Up Interior Plaster/Drywall Walls, 2 Coats Paint, Sprayed	1.22	
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
01 95 99 92-0543	SF	Paint Touch Up Interior Acoustical Ceiling, 1 Coat Primer, Brush/Roller Work	0.91	
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 92-0544	SF	Paint Touch Up Interior Acoustical Ceiling, 2 Coats Paint, Brush/Roller Work	1.67	
		For Up To 100, Add	*1.08*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	
01 95 99 92-0545	SF	Paint Touch Up Interior Acoustical Ceiling, 1 Coat Primer, Sprayed	0.86	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
01 95 99 92-0546	SF	Paint Touch Up Interior Acoustical Ceiling, 2 Coats Paint, Sprayed	1.33	
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	

01 95 99 92-0547 Plumbing *(01 95 99 92)*

01 95 99 92-0548 Piping *(01 95 99 92-0547)*

01 95 99 92-0549	LF	1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies.	26.14	3.49
01 95 99 92-0550	LF	3/4" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies.	30.97	4.49
01 95 99 92-0551	LF	1" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	35.02	5.36
01 95 99 92-0552	LF	1-1/4" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	40.50	6.23
01 95 99 92-0553	LF	1-1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	45.94	7.11

01 95 99 99 Los Angeles Community Development Commission RSIP Tasks *(01 95)*

01 95 99 99-0001 Residential Windows *(01 95 99 99)*

01 95 99 99-0002 Residential Vinyl Windows *(01 95 99 99-0001)*

Note: All labor, material and equipment to remove existing windows and Security bars install new windows. Includes white solid vinyl interior and exterior, standard hardware, clear insulated low E glass and insect screen. Minimum STC rating of 44, Chip clean and repair any stucco as needed and repair drywall as needed (allow 2 SF each of stucco and drywall chip, cut and repair), stucco key replacement, caulking and sealants. This list may not cover all individual items involved in the new window removal and installation, however it is intended to represent the complete in-place window replacement.

01 95 99 99-0003 Double Hung Vinyl Windows *(01 95 99 99-0002)*

01 95 99 99-0004 Double Hung Flanged Vinyl Windows (Milgard Quiet Line™ Series) *(01 95 99 99-0003)*

01 95 99 99-0005	EA	Up To 73" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,087.01
		For Re-Installation Of Existing Security Bars, Add	*28.76*
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*27.19*
		For New Security Bar Installation (includes foot quick release), Add	*594.09*
01 95 99 99-0006	EA	>73" To 83" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,198.93
		For Re-Installation Of Existing Security Bars, Add	*28.76*
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.78*
		For New Security Bar Installation (includes foot quick release), Add	*594.09*
01 95 99 99-0007	EA	>83" To 93" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,303.76
		For Re-Installation Of Existing Security Bars, Add	*28.76*
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.37*
		For New Security Bar Installation (includes foot quick release), Add	*594.09*
01 95 99 99-0008	EA	>93" To 101" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,378.81
		For Re-Installation Of Existing Security Bars, Add	*40.26*
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.96*
		For New Security Bar Installation (includes foot quick release), Add	*794.04*
01 95 99 99-0009	EA	>101" To 110" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,459.17
		For Re-Installation Of Existing Security Bars, Add	*40.26*
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*37.55*
		For New Security Bar Installation (includes foot quick release), Add	*794.04*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0010	EA	>110" To 120" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,471.24	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*22.88*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
01 95 99 99-0011	UI	>120" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	13.25	
		For Re-Installation Of Existing Security Bars, Add	*0.34*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.34*	
		For New Security Bar Installation (includes foot quick release), Add	*6.62*	

01 95 99 99-0012 Casement Vinyl Windows *(01 95 99 99-0002)*

01 95 99 99-0013 Casement Flanged Vinyl Windows (Milgard Quiet Line™ Series) *(01 95 99 99-0012)*

01 95 99 99-0014 One Operating Sash, Casement Vinyl Windows (Milgard Quiet Line™ Series) *(01 95 99 99-0013)*

01 95 99 99-0015	EA	Up To 53" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,048.59	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*22.01*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
01 95 99 99-0016	EA	>53 To 63" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,191.36	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*24.60*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
01 95 99 99-0017	EA	>63 To 73" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,319.91	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*27.19*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
01 95 99 99-0018	EA	>73" To 83" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,434.32	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.78*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
01 95 99 99-0019	EA	>83" To 93" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,534.54	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.37*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
01 95 99 99-0020	EA	>93" To 101" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,593.63	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.96*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
01 95 99 99-0021	UI	>101" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	15.71	
		For Re-Installation Of Existing Security Bars, Add	*0.34*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.34*	
		For New Security Bar Installation (includes foot quick release), Add	*6.62*	

01 95 99 99-0022 Two Operating Sashes, Casement Vinyl Windows (Milgard Quiet Line™ Series) *(01 95 99 99-0013)*

01 95 99 99-0023	EA	Up To 73" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,759.86	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*27.19*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
01 95 99 99-0024	EA	>73" To 83" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,934.51	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.78*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
01 95 99 99-0025	EA	>83" To 93" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	2,095.00	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.37*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
01 95 99 99-0026	EA	>93" To 101" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	2,202.31	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.96*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
01 95 99 99-0027	EA	>101" To 110" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	2,317.04	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*37.55*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0028	EA	>110" To 120" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	2,437.13	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*40.14*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
01 95 99 99-0029	UI	>120" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	20.33	
		For Re-Installation Of Existing Security Bars, Add	*0.34*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.34*	
		For New Security Bar Installation (includes foot quick release), Add	*6.62*	
01 95 99 99-0030		Horizontal Sliding Vinyl Windows *(01 95 99 99-0002)*		
01 95 99 99-0031		Horizontal Flanged Sliding Vinyl Windows (Milgard Quiet Line™ Series) *(01 95 99 99-0030)*		
01 95 99 99-0032	EA	Up To 73" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	983.51	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*27.19*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
01 95 99 99-0033	EA	>73" To 83" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	1,081.25	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.78*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
01 95 99 99-0034	EA	>83" To 93" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	1,171.87	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.37*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
01 95 99 99-0035	EA	>93" To 101" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	1,235.58	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.96*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
01 95 99 99-0036	EA	>101" To 110" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	1,303.19	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*37.55*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
01 95 99 99-0037	EA	>110" To 120" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	1,416.17	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*40.14*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
01 95 99 99-0038	UI	>120" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	11.82	
		For Re-Installation Of Existing Security Bars, Add	*0.34*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.34*	
		For New Security Bar Installation (includes foot quick release), Add	*6.62*	
01 95 99 99-0039		Fixed Picture Vinyl Windows *(01 95 99 99-0002)*		
01 95 99 99-0040		Fixed Picture Flanged Vinyl Windows (Milgard Style Line™ Series) *(01 95 99 99-0039)*		
01 95 99 99-0041	EA	Up To 53" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	727.92	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*22.01*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
01 95 99 99-0042	EA	>53 To 63" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	826.09	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*24.60*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
01 95 99 99-0043	EA	>63 To 73" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	915.08	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*27.19*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
01 95 99 99-0044	EA	>73" To 83" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	994.94	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.78*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
01 95 99 99-0045	EA	>83" To 93" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	1,065.65	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.37*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
01 95 99 99-0046	EA	>93" To 101" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	1,109.88	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.96*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0047		UI	>101" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	10.93	
			For Re-Installation Of Existing Security Bars, Add	*0.34*	
			For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.34*	
			For New Security Bar Installation (includes foot quick release), Add	*6.62*	

01 95 99 99-0048 Accessories For Vinyl Windows *(01 95 99 99-0002)*

01 95 99 99-0049 Factory Installed Grilles For Vinyl Windows *(01 95 99 99-0048)*

01 95 99 99-0050 Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows *(01 95 99 99-0049)*

01 95 99 99-0051	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	71.08	
01 95 99 99-0052	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	91.39	
01 95 99 99-0053	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	117.71	
01 95 99 99-0054	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	138.94	
01 95 99 99-0055	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	170.79	

01 95 99 99-0056 Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows *(01 95 99 99-0049)*

01 95 99 99-0057	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	161.56	
01 95 99 99-0058	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	193.87	
01 95 99 99-0059	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	244.64	
01 95 99 99-0060	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	304.65	
01 95 99 99-0061	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	364.66	

01 95 99 99-0062 Meeting Egress Code For Windows *(01 95 99 99-0002)*

01 95 99 99-0063	EA	Drop Sill Up To 47" Note: Includes king stud, trimmers, cripples, exterior flashing, stucco molding, stucco patch with fog coat, drywall texture to match existing 90%, insulation if applicable (R-15), lath and paper overlap, backer rod, caulking, paint touch-up to match existing minimum 90% (hand applied only)	382.75	
01 95 99 99-0064	EA	Enlarge Sideways Up To 49" Wide Note: Includes header, king stud, trimmers, cripples, exterior flashing, stucco molding, stucco path with fog coat, drywall texture to match existing 90%, insulation if applicable (R-15), lath and paper overlap, backer rod, caulking, paint touch-up to match existing minimum 90% (hand applied only	506.55	

01 95 99 99-0065 Residential Window Glazing *(01 95 99 99-0001)*

01 95 99 99-0066 Laminated Glass With PVB Interlayer, Residential Window Glazing *(01 95 99 99-0065)*

Note: Type I, Class I, Quality Q3.

01 95 99 99-0067	SF	1/4" Thick, Laminated Glass With PVB Interlayer, Residential Window Glazing	35.44	
		For Reflective Coated Glass, Add		*15.95*
		For Low-E Coated Glass, Add		*8.86*
01 95 99 99-0068	SF	3/8" Thick, Laminated Glass With PVB Interlayer, Residential Window Glazing	44.24	
		For Reflective Coated Glass, Add		*19.91*
		For Low-E Coated Glass, Add		*11.06*
01 95 99 99-0069	SF	1/2" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass	51.11	
		For Reflective Coated Glass, Add		*23.00*
		For Low-E Coated Glass, Add		*12.78*

01 95 99 99-0070 Remove And Reinstall Residential Window Security Bars *(01 95 99 99-0001)*

Note: Includes reusing existing bolts and fasteners. See CSI section 05 05 23 00-0000 for additional fasteners.

01 95 99 99-0071	EA	Remove and Reinstall Residential Window Security Bars Note: Includes four connecting bolts.	57.52	

01 95 99 99-0072 Residential Vinyl Windows (Prime Windows) *(01 95 99 99-0001)*

Note: All labor, material and equipment to remove existing windows and Security bars install new windows. Includes any color solid vinyl interior and exterior, standard hardware, clear insulated low E glass and insect screen. Minimum STC rating of 44, Chip clean and repair any stucco as needed and repair drywall as needed (allow 2 SF each of stucco and drywall chip, cut and repair), stucco key replacement, caulking and sealants. This list may not cover all individual items involved in the new window removal and installation; however it is intended to represent the complete in-place window replacement for block frame, retrofit and nail on. See CSI section 01 95 99 99-0048 for window accessories.

01 95 99 99-0073 Single Hung Vinyl Windows (Prime Windows Series 7100) *(01 95 99 99-0072)*

01 95 99 99-0074	EA	Up To 73" UI, Single Hung Vinyl Window (Prime Windows Series 7100)	1,705.17	
		For Re-Installation Of Existing Security Bars, Add		*28.76*
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add		*27.19*
		For New Security Bar Installation (includes foot quick release), Add		*594.09*
		For Tempered Glass, Add		*426.69*
		For Obscure Glass, Add		*76.20*
		For Grilles, Add		*60.96*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0075	EA	>73" To 83" UI, Single Hung Vinyl Window (Prime Windows Series 7100)	1,874.83	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.78*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
		For Tempered Glass, Add	*469.36*	
		For Obscure Glass, Add	*83.81*	
		For Grilles, Add	*67.05*	
01 95 99 99-0076	EA	>83" To 93" UI, Single Hung Vinyl Window (Prime Windows Series 7100)	1,951.85	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.37*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
		For Tempered Glass, Add	*486.09*	
		For Obscure Glass, Add	*86.80*	
		For Grilles, Add	*69.44*	
01 95 99 99-0077	EA	>93" To 101" UI, Single Hung Vinyl Window (Prime Windows Series 7100)	2,133.46	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.96*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
		For Tempered Glass, Add	*532.11*	
		For Obscure Glass, Add	*95.02*	
		For Grilles, Add	*76.02*	
01 95 99 99-0078	EA	>101" To 110" UI, Single Hung Vinyl Window (Prime Windows Series 7100)	2,213.46	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*37.55*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
		For Tempered Glass, Add	*549.68*	
		For Obscure Glass, Add	*98.16*	
		For Grilles, Add	*78.53*	
01 95 99 99-0079	EA	>110" To 120" UI, Single Hung Vinyl Window (Prime Windows Series 7100)	2,407.03	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*40.14*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
		For Tempered Glass, Add	*812.99*	
		For Obscure Glass, Add	*149.76*	
		For Grilles, Add	*106.97*	
01 95 99 99-0080	UI	>120" UI, Single Hung Vinyl Window (Prime Windows Series 7100)	19.66	
		For Re-Installation Of Existing Security Bars, Add	*0.34*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.34*	
		For New Security Bar Installation (includes foot quick release), Add	*6.62*	
		For Tempered Glass, Add	*6.62*	
		For Obscure Glass, Add	*1.22*	
		For Grilles, Add	*0.87*	

01 95 99 99-0081 Casement Vinyl Windows (Prime Windows Series 7500) *(01 95 99 99-0072)*

01 95 99 99-0082 One Operating Sash, Casement Vinyl Windows (Prime Windows Series 7500) *(01 95 99 99-0081)*

01 95 99 99-0083	EA	Up To 53" UI, One Operating Sash, Casement Vinyl Window (Prime Windows Series 7500)	1,873.83	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*22.01*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
		For Tempered Glass, Add	*241.79*	
		For Obscure Glass, Add	*34.54*	
		For Grilles, Add	*51.81*	
01 95 99 99-0084	EA	>53 To 63" UI, One Operating Sash, Casement Vinyl Window (Prime Windows Series 7500)	2,115.20	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*24.60*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
		For Tempered Glass, Add	*273.17*	
		For Obscure Glass, Add	*39.02*	
		For Grilles, Add	*58.54*	
01 95 99 99-0085	EA	>63 To 73" UI, One Operating Sash, Casement Vinyl Window (Prime Windows Series 7500)	2,207.16	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*27.19*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
		For Tempered Glass, Add	*283.62*	
		For Obscure Glass, Add	*40.52*	
		For Grilles, Add	*60.78*	
01 95 99 99-0086	EA	>73" To 83" UI, One Operating Sash, Casement Vinyl Window (Prime Windows Series 7500)	2,475.43	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.78*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
		For Tempered Glass, Add	*318.76*	
		For Obscure Glass, Add	*45.54*	
		For Grilles, Add	*68.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0087	EA	>83" To 93" UI, One Operating Sash, Casement Vinyl Window (Prime Windows Series 7500)	2,582.33	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.37*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
		For Tempered Glass, Add	*331.31*	
		For Obscure Glass, Add	*47.33*	
		For Grilles, Add	*71.00*	
01 95 99 99-0088	EA	>93" To 101" UI, One Operating Sash, Casement Vinyl Window (Prime Windows Series 7500)	2,931.27	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.96*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
		For Tempered Glass, Add	*377.75*	
		For Obscure Glass, Add	*53.96*	
		For Grilles, Add	*80.95*	
01 95 99 99-0089	UI	>101" UI, One Operating Sash, Casement Vinyl Window (Prime Windows Series 7500)	28.20	
		For Re-Installation Of Existing Security Bars, Add	*0.34*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.34*	
		For New Security Bar Installation (includes foot quick release), Add	*6.62*	
		For Tempered Glass, Add	*3.63*	
		For Obscure Glass, Add	*0.52*	
		For Grilles, Add	*0.78*	

01 95 99 99-0090 Two Operating Sashes, Casement Vinyl Windows (Prime Windows Series 7500) *(01 95 99 99-0081)*

01 95 99 99-0091	EA	Up To 73" UI, Two Operating Sashes, Casement Vinyl Window (Prime Windows Series 7500)	4,065.72	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*27.19*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
		For Tempered Glass, Add	*543.82*	
		For Obscure Glass, Add	*77.69*	
		For Grilles, Add	*116.53*	
01 95 99 99-0092	EA	>73" To 83" UI, Two Operating Sashes, Casement Vinyl Window (Prime Windows Series 7500)	4,283.19	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.78*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
		For Tempered Glass, Add	*571.85*	
		For Obscure Glass, Add	*81.69*	
		For Grilles, Add	*122.54*	
01 95 99 99-0093	EA	>83" To 93" UI, Two Operating Sashes, Casement Vinyl Window (Prime Windows Series 7500)	4,452.84	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.37*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
		For Tempered Glass, Add	*593.19*	
		For Obscure Glass, Add	*84.74*	
		For Grilles, Add	*127.11*	
01 95 99 99-0094	EA	>93" To 101" UI, Two Operating Sashes, Casement Vinyl Window (Prime Windows Series 7500)	4,831.66	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.96*	
		For Tempered Glass, Add	*643.80*	
		For Obscure Glass, Add	*91.97*	
		For Grilles, Add	*137.96*	
01 95 99 99-0095	EA	>101" To 110" UI, Two Operating Sashes, Casement Vinyl Window (Prime Windows Series 7500)	5,141.74	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*37.55*	
		For Tempered Glass, Add	*684.80*	
		For Obscure Glass, Add	*97.83*	
		For Grilles, Add	*146.74*	
01 95 99 99-0096	EA	>110" To 120" UI, Two Operating Sashes, Casement Vinyl Window (Prime Windows Series 7500)	5,448.85	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*40.14*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
		For Tempered Glass, Add	*725.38*	
		For Obscure Glass, Add	*103.63*	
		For Grilles, Add	*155.44*	
01 95 99 99-0097	UI	>120" UI, Two Operating Sashes, Casement Vinyl Window (Prime Windows Series 7500)	42.01	
		For Re-Installation Of Existing Security Bars, Add	*0.34*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.34*	
		For New Security Bar Installation (includes foot quick release), Add	*6.62*	
		For Tempered Glass, Add	*5.57*	
		For Obscure Glass, Add	*0.80*	
		For Grilles, Add	*1.19*	

01 95 99 99-0098 Horizontal Rolling Vinyl Windows (Prime Windows Series 7000) *(01 95 99 99-0072)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0099	EA	Up To 73" UI, Horizontal Rolling Vinyl Window (Prime Windows Series 7000)	1,720.11	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*27.19*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
		For Tempered Glass, Add	*430.88*	
		For Obscure Glass, Add	*76.94*	
		For Grilles, Add	*76.94*	
01 95 99 99-0100	EA	>73" To 83" UI, Horizontal Rolling Vinyl Window (Prime Windows Series 7000)	1,847.94	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.78*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
		For Tempered Glass, Add	*461.83*	
		For Obscure Glass, Add	*82.47*	
		For Grilles, Add	*82.47*	
01 95 99 99-0101	EA	>83" To 93" UI, Horizontal Rolling Vinyl Window (Prime Windows Series 7000)	2,041.49	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.37*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
		For Tempered Glass, Add	*511.19*	
		For Obscure Glass, Add	*91.28*	
		For Grilles, Add	*91.28*	
01 95 99 99-0102	EA	>93" To 101" UI, Horizontal Rolling Vinyl Window (Prime Windows Series 7000)	2,267.93	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.96*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
		For Tempered Glass, Add	*569.76*	
		For Obscure Glass, Add	*101.74*	
		For Grilles, Add	*101.74*	
01 95 99 99-0103	EA	>101" To 110" UI, Horizontal Rolling Vinyl Window (Prime Windows Series 7000)	2,410.67	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*37.55*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
		For Tempered Glass, Add	*604.90*	
		For Obscure Glass, Add	*108.02*	
		For Grilles, Add	*108.02*	
01 95 99 99-0104	EA	>110" To 120" UI, Horizontal Rolling Vinyl Window (Prime Windows Series 7000)	2,658.02	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*40.14*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
		For Tempered Glass, Add	*908.36*	
		For Obscure Glass, Add	*167.33*	
		For Grilles, Add	*167.33*	
01 95 99 99-0105	UI	>120" UI, Horizontal Rolling Vinyl Window (Prime Windows Series 7000)	21.15	
		For Re-Installation Of Existing Security Bars, Add	*0.34*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.34*	
		For New Security Bar Installation (includes foot quick release), Add	*6.62*	
		For Tempered Glass, Add	*7.18*	
		For Obscure Glass, Add	*1.32*	
		For Grilles, Add	*1.32*	

01 95 99 99-0106 Fixed Picture Vinyl Windows (Prime Windows Series 7200) *(01 95 99 99-0072)*

01 95 99 99-0107	EA	Up To 53" UI, Fixed Picture Vinyl Window (Prime Windows Series 7200)	831.00	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*22.01*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
		For Tempered Glass, Add	*376.34*	
		For Obscure Glass, Add	*61.58*	
		For Grilles, Add	*61.58*	
01 95 99 99-0108	EA	>53 To 63" UI, Fixed Picture Vinyl Window (Prime Windows Series 7200)	955.84	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*24.60*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
		For Tempered Glass, Add	*435.51*	
		For Obscure Glass, Add	*71.26*	
		For Grilles, Add	*71.26*	
01 95 99 99-0109	EA	>63 To 73" UI, Fixed Picture Vinyl Window (Prime Windows Series 7200)	1,026.89	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*27.19*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
		For Tempered Glass, Add	*465.09*	
		For Obscure Glass, Add	*76.11*	
		For Grilles, Add	*76.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0110	EA	>73" To 83" UI, Fixed Picture Vinyl Window (Prime Windows Series 7200)	1,097.94	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.78*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
		For Tempered Glass, Add	*494.67*	
		For Obscure Glass, Add	*80.95*	
		For Grilles, Add	*80.95*	
01 95 99 99-0111	EA	>83" To 93" UI, Fixed Picture Vinyl Window (Prime Windows Series 7200)	1,237.71	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.37*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
		For Tempered Glass, Add	*562.05*	
		For Obscure Glass, Add	*91.97*	
		For Grilles, Add	*91.97*	
01 95 99 99-0112	EA	>93" To 101" UI, Fixed Picture Vinyl Window (Prime Windows Series 7200)	1,386.45	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.96*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
		For Tempered Glass, Add	*634.36*	
		For Obscure Glass, Add	*103.80*	
		For Grilles, Add	*103.80*	
01 95 99 99-0113	UI	>101" UI, Fixed Picture Vinyl Window (Prime Windows Series 7200)	14.99	
		For Re-Installation Of Existing Security Bars, Add	*0.34*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.34*	
		For New Security Bar Installation (includes foot quick release), Add	*6.62*	
		For Tempered Glass, Add	*7.01*	
		For Obscure Glass, Add	*1.15*	
		For Grilles, Add	*1.15*	

01 95 99 99-0114 Awning Vinyl Windows (Prime Windows Series 7600) *(01 95 99 99-0072)*

01 95 99 99-0115	EA	Up To 43" UI, Awning Vinyl Window (Prime Windows Series 7600)	977.62	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*22.01*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
		For Tempered Glass, Add	*116.32*	
		For Obscure Glass, Add	*16.62*	
		For Grilles, Add	*24.93*	
01 95 99 99-0116	EA	>43" To 53" UI, Awning Vinyl Window (Prime Windows Series 7600)	1,348.53	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*24.60*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
		For Tempered Glass, Add	*165.83*	
		For Obscure Glass, Add	*23.69*	
		For Grilles, Add	*35.54*	
01 95 99 99-0117	EA	>53" To 63" UI, Awning Vinyl Window (Prime Windows Series 7600)	1,434.19	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*25.90*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
		For Tempered Glass, Add	*176.62*	
		For Obscure Glass, Add	*25.23*	
		For Grilles, Add	*37.85*	
01 95 99 99-0118	EA	>63 To 73" UI, Awning Vinyl Window (Prime Windows Series 7600)	1,519.81	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*27.19*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
		For Tempered Glass, Add	*187.40*	
		For Obscure Glass, Add	*26.77*	
		For Grilles, Add	*40.16*	
01 95 99 99-0119	EA	>73" To 83" UI, Awning Vinyl Window (Prime Windows Series 7600)	1,684.93	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.78*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
		For Tempered Glass, Add	*208.09*	
		For Obscure Glass, Add	*29.73*	
		For Grilles, Add	*44.59*	
01 95 99 99-0120	EA	>83" To 93" UI, Awning Vinyl Window (Prime Windows Series 7600)	1,843.92	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.37*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
		For Tempered Glass, Add	*227.94*	
		For Obscure Glass, Add	*32.56*	
		For Grilles, Add	*48.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0121	EA	>93" To 101" UI, Awning Vinyl Window (Prime Windows Series 7600)	1,937.42	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.96*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
		For Tempered Glass, Add	*238.61*	
		For Obscure Glass, Add	*34.09*	
		For Grilles, Add	*51.13*	
01 95 99 99-0122	UI	>101" UI, Awning Vinyl Window (Prime Windows Series 7600)	19.06	
		For Re-Installation Of Existing Security Bars, Add	*0.34*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.34*	
		For New Security Bar Installation (includes foot quick release), Add	*6.62*	
		For Tempered Glass, Add	*2.35*	
		For Obscure Glass, Add	*0.34*	
		For Grilles, Add	*0.50*	

01 95 99 99-0123 Vinyl Window Accesories (Prime Windows) *(01 95 99 99-0072)*

01 95 99 99-0124	EA	Window Opening Control Device For Single Hung Vinyl Windows (Prime Windows)	23.90	
01 95 99 99-0125	EA	Window Opening Control Device For One Operating Sash, Casement Vinyl Windows (Prime Windows)	35.86	
01 95 99 99-0126	EA	Window Opening Control Device For Two Operating Sashes, Casement Vinyl Windows (Prime Windows)	71.71	

01 95 99 99-0127 Residential Doors *(01 95 99 99)*

01 95 99 99-0128 Door Assemblies *(01 95 99 99-0127)*

Note: All labor, material and equipment to remove and replace existing doors. Includes STC 40 Paint grade sc. door, frame, hinges, caulking, seals, ridged weather stripping, entry lockset, deadbolt, threshold and paint per manufacturer specifications. Per L.A. County Residential Sound Improvement Program Specification (RSIP) 08100 Rated Door. This list may not cover all individual items involved in the new door removal and installation, however it is intended to represent the complete in-place installation of doors.

01 95 99 99-0129	EA	2'-4" Thru 2'-8" x 7' x 1-3/4" Thick, STC 40, Composite With Wood Veneer Cladding, Acoustical Door System (Unrated)	4,803.47	
		For Stain Grade Assembly, Add	*1,074.28*	
		Note: Includes stain and varnish per manufacturer's specifications		
		For Raised Panel, Add	*514.12*	
		For Wagon Wheel, Add	*719.76*	
		For Half Lite, Add	*945.97*	
		For Hollywood/French Door, Add	*1,028.23*	
		For Side Lite Assembly, Up To 12", Add	*1,129.52*	
		For Transom Lite, Add	*504.60*	
		For Enlarging Door Opening To 36" Minimum Width, Add	*831.34*	
		For 20 Minute Fire Door Assembly, Add	*493.55*	
01 95 99 99-0130	EA	2'-10" Thru 3' x 7' x 1-3/4" Thick, STC 40, Composite With Wood Veneer Cladding, Acoustical Door System (Unrated)	5,227.55	
		For Stain Grade Assembly, Add	*1,195.66*	
		Note: Includes stain and varnish per manufacturer's specifications		
		For Raised Panel, Add	*564.97*	
		For Wagon Wheel, Add	*790.95*	
		For Half Lite, Add	*1,039.54*	
		For Hollywood/French Door, Add	*1,129.93*	
		For Side Lite Assembly, Up To 12", Add	*1,129.52*	
		For Transom Lite, Add	*605.52*	
		For Enlarging Door Opening To 36" Minimum Width, Add	*831.34*	
		For 20 Minute Fire Door Assembly, Add	*542.37*	
01 95 99 99-0131	EA	3'-2" Thru 3'-6" x 7' x 1-3/4" Thick, STC 40, Composite With Wood Veneer Cladding, Acoustical Door System (Unrated)	5,857.61	
		For Stain Grade Assembly, Add	*1,363.89*	
		Note: Includes stain and varnish per manufacturer's specifications		
		For Raised Panel, Add	*641.93*	
		For Wagon Wheel, Add	*898.70*	
		For Half Lite, Add	*1,181.14*	
		For Hollywood/French Door, Add	*1,283.85*	
		For Side Lite Assembly, Up To 12", Add	*1,129.52*	
		For Transom Lite, Add	*706.44*	
		For 20 Minute Fire Door Assembly, Add	*616.25*	
01 95 99 99-0132	EA	4' x 7' x 1-3/4" Thick, STC 40, Double Assembly, Composite With Wood Veneer Cladding, Acoustical Door System (Unrated)	7,301.31	
		For Stain Grade Assembly, Add	*1,715.07*	
		Note: Includes stain and varnish per manufacturer's specifications		
		For Raised Panel, Add	*820.59*	
		For Wagon Wheel, Add	*1,148.83*	
		For Half Lite, Add	*1,509.89*	
		For Hollywood/French Door, Add	*1,641.18*	
		For Side Lite Assembly, Up To 12", Add	*1,129.52*	
		For Transom Lite, Add	*807.35*	
		For 20 Minute Fire Door Assembly, Add	*787.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0133	EA	5' x 7' x 1-3/4" Thick, STC 40, Double Assembly, Composite With Wood Veneer Cladding, Acoustical Door System (Unrated)	8,567.21	
		For Stain Grade Assembly, Add	*2,051.96*	
		Note: Includes stain and varnish per manufacturer's specifications		
		For Raised Panel, Add	*974.51*	
		For Wagon Wheel, Add	*1,364.32*	
		For Half Lite, Add	*1,793.10*	
		For Hollywood/French Door, Add	*1,949.02*	
		For Side Lite Assembly, Up To 12", Add	*1,129.52*	
		For Transom Lite, Add	*1,009.19*	
		For 20 Minute Fire Door Assembly, Add	*935.53*	
01 95 99 99-0134	EA	6' x 7' x 1-3/4" Thick, STC 40, Double Assembly, Composite With Wood Veneer Cladding, Acoustical Door System (Unrated)	9,426.31	
		For Stain Grade Assembly, Add	*2,297.07*	
		Note: Includes stain and varnish per manufacturer's specifications		
		For Raised Panel, Add	*1,077.58*	
		For Wagon Wheel, Add	*1,508.62*	
		For Half Lite, Add	*1,982.75*	
		For Hollywood/French Door, Add	*2,155.17*	
		For Side Lite Assembly, Up To 12", Add	*1,129.52*	
		For Transom Lite, Add	*1,211.02*	
		For 20 Minute Fire Door Assembly, Add	*1,034.48*	
01 95 99 99-0135		Residential Sliding Doors *(01 95 99 99-0127)*		
01 95 99 99-0136		Premium Vinyl Sliding Glass Doors (Milgard Style Line™ Series) *(01 95 99 99-0135)*		
		Note: Includes white solid vinyl interior and exterior, standard hardware and clear high-performance Low-E insulating glass. Excludes grilles and insect screens. Minimum STC rating of 32 included in price.		
01 95 99 99-0137	EA	61-3/4" x 81-3/4" Frame Opening, 2-Panel Vinyl Sliding Glass Door (Milgard Style Line™ Series)	4,847.97	90.93
		For STC 35 Rating, Add	*1,913.11*	
		For STC 44 Rating, Add	*5,366.05*	
01 95 99 99-0138	EA	73-3/4" x 81-3/4" Frame Opening, 2-Panel Vinyl Sliding Glass Door (Milgard Style Line™ Series)	5,326.16	92.08
		For STC 35 Rating, Add	*2,108.22*	
		For STC 44 Rating, Add	*5,913.31*	
01 95 99 99-0139	EA	97-3/4" x 81-3/4" Frame Opening, 2-Panel Vinyl Sliding Glass Door (Milgard Style Line™ Series)	7,122.32	110.49
		For STC 35 Rating, Add	*2,829.55*	
		For STC 44 Rating, Add	*7,936.54*	
01 95 99 99-0140		Premium Vinyl Sliding Glass Doors (Prime Windows Series 8400) *(01 95 99 99-0135)*		
		Note: Includes any color solid vinyl interior and exterior, standard hardware and clear high-performance Low-E insulating glass. Excludes grilles and insect screens. Minimum STC 35 rating.		
01 95 99 99-0141	EA	61-3/4" x 81-3/4" Frame Opening, Vinyl Sliding Glass Door (Prime Windows Series 8400)	7,725.28	90.93
		For Grilles, Add	*301.74*	
		For STC 37, Add	*6,336.49*	
01 95 99 99-0142	EA	73-3/4" x 81-3/4" Frame Opening, Vinyl Sliding Glass Door (Prime Windows Series 8400)	8,873.91	92.08
		For Grilles, Add	*347.59*	
		For STC 37, Add	*7,299.40*	
01 95 99 99-0143	EA	95-1/2" x 81-3/4" Frame Opening, Vinyl Sliding Glass Door (Prime Windows Series 8400)	10,556.88	110.49
		For Grilles, Add	*413.44*	
		For STC 37, Add	*8,682.16*	
01 95 99 99-0144	EA	61-3/4" x 95-1/2" Frame Opening, Vinyl Sliding Glass Door (Prime Windows Series 8400)	8,376.39	100.02
		For Grilles, Add	*327.05*	
		For STC 37, Add	*6,868.14*	
01 95 99 99-0145	EA	73-3/4" x 95-1/2" Frame Opening, Vinyl Sliding Glass Door (Prime Windows Series 8400)	9,780.59	101.28
		For Grilles, Add	*383.12*	
		For STC 37, Add	*8,045.55*	
01 95 99 99-0146	EA	95-1/2" x 95-1/2" Frame Opening, Vinyl Sliding Glass Door (Prime Windows Series 8400)	11,714.43	121.54
		For Grilles, Add	*458.85*	
		For STC 37, Add	*9,635.94*	
01 95 99 99-0147		Residential Storm Doors *(01 95 99 99-0127)*		
01 95 99 99-0148	EA	Aluminum Residential Storm Door, Tempered Glass, STC 30 With Frame, Trim, Hardware	749.69	92.08
01 95 99 99-0149		Residential Security Screen *(01 95 99 99-0127)*		
01 95 99 99-0150	EA	Prehung Steel Security Screen Door, Residential, With Frame, Trim, Hardware	747.09	158.26
01 95 99 99-0151		Residential Pre-Hung Fire Rated Doors *(01 95 99 99-0127)*		
		Note: Assembly to include self-closing hinges, seals, threshold, caulking, dead bolt and entry lockset per RSIP specifications.		
01 95 99 99-0152	EA	3' x 7' x 1-3/4" Prehung Solid Core, Fire Rated, Veneer Faced Wood Door	1,322.58	161.13
01 95 99 99-0153	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Fire Rated, Veneer Faced Wood Door	1,458.38	169.19
01 95 99 99-0154		Remove And Reinstall Residential Security Screen Doors *(01 95 99 99-0127)*		
		Note: Includes reusing existing bolts and fasteners. See CSI section 05 05 23 00-0000 for additional fasteners.		
01 95 99 99-0155	EA	Remove and Reinstall Residential Security Screen Doors	74.78	
		Note: Includes 6 lag bolts.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0156		**Door Assembly** *(01 95 99 99-0127)* Note: All labor, material and equipment to remove and replace existing door slab. Includes STC 40 Paint grade sc. door, hinges, ridged weather stripping, paint and primer per manufacturer specifications. Includes drilling for lockset and deadbolt with up to a 5 1/2" offset, drill for peep hole /doorbell combo, mail slot, and mortise hinges. Reuse of existing Lockset, deadbolt, mail slot, and peephole/doorbell. Per L.A. County Residential Sound Improvement Program Specification (RSIP) 08100 Rated Door. This list may not cover all individual items involved in the new door removal and installation; however it is intended to represent the complete in-place installation of doors.		
01 95 99 99-0157	EA	2'-10" Thru 3' x 7' x 1-3/4" Thick, STC 40, Wood Clad Fiberglass Acoustical Door (Unrated) Note: Includes STC 40 Paint grade sc. door, hinges, weather stripping, paint and primer both sides per manufacturer specifications. Includes drilling for lockset and deadbolt with up to a 5 1/2" offset, drill for peep hole /doorbell combo, mail slot, and mortise hinges. Reuse of existing lockset, deadbolt, mail slot, and peephole/doorbell.	3,236.97	
		For Stain Grade Assembly, Add	*773.67*	
		Note: Includes stain and varnish per manufacturer's specifications		
		For Side Lite Assembly, Up To 12", Add	*1,129.52*	
		For Transom Lite, Add	*605.52*	
		For Enlarging Door Opening To 36" Minimum Width, Add	*831.34*	
01 95 99 99-0158		**Residential Hardware** *(01 95 99 99)*		
01 95 99 99-0159	EA	1-5/16" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS430)	32.87	14.39
01 95 99 99-0160	EA	3-3/4" Projection, Residential Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop (Ives 60)	17.14	5.76
01 95 99 99-0161	EA	Satin Brass Finish, Brass Residential Hinge Pin Door Stop (Ives 72)	27.18	11.51
01 95 99 99-0162		**Wood Moldings** *(01 95 99 99)*		
01 95 99 99-0163	LF	1-1/8" Wide Soft Wood Door And Window Molding	5.32	1.84
		For Clear Birch, Add	*0.39*	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	*0.96*	
		For Stain Grade Material (No Finger Joints), Add	*0.22*	
		For Clear Poplar, Add	*0.24*	
01 95 99 99-0164	LF	2-1/2" Wide Soft Wood Door And Window Molding	6.67	1.84
		For Clear Birch, Add	*0.82*	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	*1.56*	
		For Stain Grade Material (No Finger Joints), Add	*0.46*	
		For Clear Poplar, Add	*0.51*	
01 95 99 99-0165	LF	3-1/2" Soft Wood Base Molding, All Dimensions Are Nominal	6.98	1.38
		For Clear Birch, Add	*0.76*	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	*1.53*	
		For Stain Grade Material (No Finger Joints), Add	*0.43*	
		For Clear Poplar, Add	*0.48*	
01 95 99 99-0166		**Wood Repair and Carpentry** *(01 95 99 99)*		
01 95 99 99-0167		**Framing** *(01 95 99 99-0166)*		
01 95 99 99-0168	LF	2" x 4" Pressure Treated Wood Sill	3.27	1.74
01 95 99 99-0169	LF	2" x 6" Pressure Treated Wood Sill	4.01	1.97
01 95 99 99-0170	LF	2" x 4" Wood Stud Framing, For Partition Walls	1.95	0.92
01 95 99 99-0171	LF	2" x 6" Wood Stud Framing, For Partition Walls	2.43	0.99
01 95 99 99-0172		**Headers and Posts** *(01 95 99 99-0166)*		
01 95 99 99-0173		**Timber Beams** *(01 95 99 99-0172)*		
01 95 99 99-0174	LF	4" x 4", Douglas Fir, Heavy Timber Beam	7.00	2.06
01 95 99 99-0175	LF	4" x 6", Douglas Fir, Heavy Timber Beam	8.62	2.14
01 95 99 99-0176	LF	4" x 8", Douglas Fir, Heavy Timber Beam	10.24	2.23
01 95 99 99-0177	LF	4" x 10", Douglas Fir, Heavy Timber Beam	13.51	2.38
01 95 99 99-0178	LF	4" x 12", Douglas Fir, Heavy Timber Beam	16.17	2.52
01 95 99 99-0179	LF	6" x 6", Douglas Fir, Heavy Timber Beam	11.08	2.32
01 95 99 99-0180	LF	6" x 8", Douglas Fir, Heavy Timber Beam	13.44	2.44
01 95 99 99-0181	LF	6" x 10", Douglas Fir, Heavy Timber Beam	18.34	2.61
01 95 99 99-0182	LF	6" x 12", Douglas Fir, Heavy Timber Beam	22.04	2.66
01 95 99 99-0183	LF	8" x 8", Douglas Fir, Heavy Timber Beam	16.58	2.52
01 95 99 99-0184	LF	8" x 10", Douglas Fir, Heavy Timber Beam	22.73	2.61
01 95 99 99-0185	LF	8" x 12", Douglas Fir, Heavy Timber Beam	27.69	2.66
01 95 99 99-0186		**Timber Columns** *(01 95 99 99-0172)*		
01 95 99 99-0187	LF	4" x 4", Pressure Treated, Heavy Timber Column	4.66	1.09
01 95 99 99-0188	LF	4" x 6", Pressure Treated, Heavy Timber Column	6.27	1.15
01 95 99 99-0189	LF	4" x 8", Pressure Treated, Heavy Timber Column	7.61	1.18
01 95 99 99-0190	LF	4" x 10", Pressure Treated, Heavy Timber Column	10.47	1.25
01 95 99 99-0191	LF	4" x 12", Pressure Treated, Heavy Timber Column	12.77	1.33
01 95 99 99-0192	LF	6" x 6", Pressure Treated, Heavy Timber Column	9.14	1.21
01 95 99 99-0193	LF	6" x 8", Pressure Treated, Heavy Timber Column	11.52	1.26
01 95 99 99-0194	LF	6" x 10", Pressure Treated, Heavy Timber Column	14.01	1.37
01 95 99 99-0195	LF	6" x 12", Pressure Treated, Heavy Timber Column	17.59	1.40
01 95 99 99-0196	LF	8" x 8", Pressure Treated, Heavy Timber Column	17.90	1.33
01 95 99 99-0197	LF	8" x 10", Pressure Treated, Heavy Timber Column	21.04	1.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0198	LF	8" x 12", Pressure Treated, Heavy Timber Column	25.04	1.43
01 95 99 99-0199	LF	10" x 10", Pressure Treated, Heavy Timber Column	25.16	1.43
01 95 99 99-0200	LF	10" x 12", Pressure Treated, Heavy Timber Column	33.84	1.52
01 95 99 99-0201	LF	12" x 12", Pressure Treated, Heavy Timber Column	40.31	1.68
01 95 99 99-0202		**Plywood Catwalks** *(01 95 99 99-0166)*		
01 95 99 99-0203	SF	5/8" AC Fir Plywood Floor Decking Note: Applied to floor or joists.	2.90	0.69
01 95 99 99-0204		**Soffit Framing** *(01 95 99 99-0166)*		
01 95 99 99-0205	LF	2" x 4" Wood Suspended Ceiling Framing	3.70	1.97
01 95 99 99-0206		**Insulation** *(01 95 99 99)*		
01 95 99 99-0207	SF	9-1/2" Thick, Kraft Faced, R-30 Fiberglass Flexible Insulation	3.46	0.58
01 95 99 99-0208	SF	9-1/2" Thick, Unfaced, R-30 Fiberglass Flexible Insulation	3.23	0.58
01 95 99 99-0209	SF	8-1/2" Thick, R-30 Attic, Cellulose Blown In Insulation	2.67	1.65
01 95 99 99-0210	CF	Expansive Foam Sprayed Insulation	22.48	1.65
01 95 99 99-0211		**Drywall, Plaster and Stucco** *(01 95 99 99)*		
01 95 99 99-0212		**Plaster** *(01 95 99 99-0211)*		
01 95 99 99-0213	SF	Up To 10 SF, Cut And Patch Hole In Plaster To Match Existing	21.03	
01 95 99 99-0214	SF	>10 To 50 SF, Cut And Patch Hole In Plaster To Match Existing	18.62	
01 95 99 99-0215		**Stucco** *(01 95 99 99-0211)*		
01 95 99 99-0216	SF	Up To 10 SF, Chip, Clean And Repair Plaster/Stucco	39.62	
01 95 99 99-0217	SF	>10 To 50 SF, Chip, Clean And Repair Plaster/Stucco	28.77	
01 95 99 99-0218		**Lath** *(01 95 99 99-0211)*		
01 95 99 99-0219	SF	2.5 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	2.82	0.66
		For Stainless Steel, Add	*0.88*	
01 95 99 99-0220	LF	Stucco Key Replacement Note: Includes removal of existing.	5.83	0.66
01 95 99 99-0221	LF	Galvanized Weep Screed	4.23	0.66
01 95 99 99-0222	CSF	Two Layer Kraft Paper Laminated With Asphalt, Grade "B" Building Paper (Aquabar B)	32.00	
01 95 99 99-0223		**Drywall** *(01 95 99 99-0211)*		
01 95 99 99-0224	SF	Up To 2 SF, Cut And Patch Hole In Drywall To Match Existing Note: Per location.	22.60	
01 95 99 99-0225	SF	>2 To 4 SF, Cut And Patch Hole In Drywall To Match Existing Note: Per location.	18.27	
01 95 99 99-0226	SF	>4 To 8 SF, Cut And Patch Hole In Drywall To Match Existing Note: Per location.	16.41	
01 95 99 99-0227	SF	>8 To 16 SF, Cut And Patch Hole In Drywall To Match Existing Note: Per location.	14.47	
01 95 99 99-0228	SF	>16 To 32 SF, Cut And Patch Hole In Drywall To Match Existing Note: Per location. See CSI section 09 29 10 00-0001 for "Gypsum Board" repairs > 32 SF.	12.96	
01 95 99 99-0229	SF	1/2" Gypsum Board	1.75	0.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.28*	
		For Adhesive Applied Sheets, Add *Note: Includes bracing until adhesive is bonded*	*0.12*	
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.40*	
		For Horizontal Installation >10' High, Add	*0.60*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*0.59*	
		For >128 To 320, Add	*0.35*	
		For >1,536, Deduct	*-0.14*	
01 95 99 99-0230	SF	5/8" Gypsum Board	2.06	0.68
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.32*	
		For Adhesive Applied Sheets, Add *Note: Includes bracing until adhesive is bonded*	*0.13*	
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.47*	
		For Horizontal Installation >10' High, Add	*0.69*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*0.69*	
		For >128 To 320, Add	*0.41*	
		For >1,536, Deduct	*-0.17*	
01 95 99 99-0231		**Painting, Touch Up** *(01 95 99 99)* Note: Includes all materials, surface preparation (wipe down and light clean, patching holes up to 3/8"), caulking and sealing, all finishes, surface protection, and masking tape.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0232	SF	Paint Touch Up Interior Plaster/Drywall Walls, 1 Coat Primer, Brush Roller Work	0.77	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	
01 95 99 99-0233	SF	Paint Touch Up Interior Plaster/Drywall Walls, 2 Coats Paint, Brush Roller Work	1.56	
		For Up To 100, Add	*0.98*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
01 95 99 99-0234	SF	Paint Touch Up Interior Plaster/Drywall Walls, 1 Coat Primer, Sprayed	0.66	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
01 95 99 99-0235	SF	Paint Touch Up Interior Plaster/Drywall Walls, 2 Coats Paint, Sprayed	1.22	
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
01 95 99 99-0236	SF	Paint Touch Up Interior Acoustical Ceiling, 1 Coat Primer, Brush/Roller Work	0.91	
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
01 95 99 99-0237	SF	Paint Touch Up Interior Acoustical Ceiling, 2 Coats Paint, Brush/Roller Work	1.67	
		For Up To 100, Add	*1.08*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	
01 95 99 99-0238	SF	Paint Touch Up Interior Acoustical Ceiling, 1 Coat Primer, Sprayed	0.86	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
01 95 99 99-0239	SF	Paint Touch Up Interior Acoustical Ceiling, 2 Coats Paint, Sprayed	1.33	
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
01 95 99 99-0240		**Flooring** *(01 95 99 99)*		
01 95 99 99-0241	SF	1/2" Thick, Red Oak, Prefinished Engineered Wood Flooring	15.77	1.15
		For Up To 20, Add	*4.40*	
		For >20 To 50, Add	*2.48*	
		For >20 To 50, Add	*2.48*	
		For >100 To 300, Add	*0.62*	
01 95 99 99-0242	SF	0.08" Inlaid Sheet Vinyl Floor, Mannington Fine Fields #10146	9.61	0.73
		For >40 To 100, Add	*1.94*	
		For >1,000, Deduct	*-0.81*	
01 95 99 99-0243	SY	7/16" Thick, Rebonded, 6 LB/CF	9.93	3.02
01 95 99 99-0244	SY	22 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet	51.83	24.15
		For Up To 15, Add	*3.22*	
		For >15 To 33, Add	*1.61*	
		For >200 To 400, Deduct	*-0.71*	
		For >400 To 600, Deduct	*-1.07*	
		For >600 To 900, Deduct	*-2.03*	
		For >900, Deduct	*-2.98*	
		For Installation On Stairs, Each Riser, Add	*6.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0245	SF	Mounted Floor Tile, Residential Grade, Thin-Set Mortar Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.	12.04	3.24
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*9.07*	
		For >50 To 250, Add	*1.62*	
01 95 99 99-0246	SF	1/8" Thick, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon Imperial Texture®)	4.35	1.47
		For Extra Stock, Material Only, Deduct	*-1.72*	
		For Up To 100, Add	*0.31*	
		For Modified Urethane Adhesive (Armstrong S-1000) Instead Of Water-Based/Latex-Resin, Add	*0.77*	
01 95 99 99-0247	SF	1/8" Thick, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon® Imperial® Texture with Diamond 10® Technology Coating)	5.27	1.47
		For Up To 100, Add	*0.35*	
		For Modified Urethane Adhesive (Armstrong S-1000) Instead Of Water-Based/Latex-Resin, Add	*0.77*	
01 95 99 99-0248	SF	1/8" Thick, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon® MultiColor™ with Diamond 10® Technology Coating)	5.27	1.47
		For Up To 100, Add	*0.35*	
		For Modified Urethane Adhesive (Armstrong S-1000) Instead Of Water-Based/Latex-Resin, Add	*0.77*	
01 95 99 99-0249	SF	1/8" Thick, Vinyl Composition Tile (VCT) (Armstrong® Premium Excelon® Raffia® Stream™ with Diamond 10® Technology Coating)	6.88	1.47
		For Up To 100, Add	*0.43*	
		For Modified Urethane Adhesive (Armstrong S-1000) Instead Of Water-Based/Latex-Resin, Add	*0.77*	
01 95 99 99-0250	SF	1/8" Thick, Vinyl Composition Tile (VCT) (Armstrong® Striations BBT™ with Diamond 10® Technology Coating)	8.91	1.47
		For Up To 100, Add	*0.54*	
		For Modified Urethane Adhesive (Armstrong S-1000) Instead Of Water-Based/Latex-Resin, Add	*0.77*	

01 95 99 99-0251 HVAC *(01 95 99 99)*

01 95 99 99-0252 Residential Split System Heat Pump HVAC Assembly *(01 95 99 99-0251)*

Note: All labor, material, Energy calculations, testing (HERS, AIR BALANCING & TITLE 24) and Drawings (Engineered Design, shop drawings & Final As-Built) and represents a complete, in place and fully functioning title 24 compliant system. Units comply with PCC and are 15 SEER minimum. Includes 7 day programable thermostat with up to 50 LF of wire (model), all duct work (supply, return, fresh air), dampers, Plenums, all supply registers, interior air return register, exterior fresh air intake grilles, refrigerants, air filters, penetrations, seismic bracing, cat walks, vibration isolation, all hangers, all straps, fasteners, caulking, sealants, Refrigerant line sets (up to 30 LF), UV protected condensate drains (Up to 50 LF), 26 Ga painted sheet metal line set covers (up to 10 LF) & 4" thick 2' x 2' concrete condenser pads. This list may not cover all individual items involved in the new system, however it is intended to represent the installation of the complete operational and in place system in its entirety.

01 95 99 99-0253	EA	1.5 – 2.5 Ton Residential Split System Condenser/Heat Pump, Air Handler With Coils, And Refrigerant Dryer (Up To 1,250SF) Note: Includes R 6.0 Insulated Duct; Up to 10 LF of 14"; Up to 20 LF of 12", Up to 20 LF of 10", Up to 30 LF of 8", Up to 20 LF of 6". Up to 15 LF and up to 8" fresh air intake duct with backdraft & volume damper with1/4" wire mesh, supply registers with damper up to 3- 6"x6", up to 3- 8"x8", up to 3- 10"x 10", up to 2- 12"x12", Up to 24"x30" return air grille with filter rack, up to 8" fresh air grille.	10,861.39	
		For Additional LF Of 12" R6.0 Insulated Duct Above Allowance, Add Per LF	*27.70*	
		For Additional LF Of 10" R6.0 Insulated Duct Above Allowance, Add Per LF	*20.64*	
		For Additional LF Of 8" R6.0 Insulated Duct Above Allowance, Add Per LF	*15.95*	
		For Additional LF Of 6" R6.0 Insulated Duct Above Allowance, Add Per LF	*11.73*	
		For Additional LF Of Up To 8" Fresh Air Duct Above Allowance, Add Per LF	*14.32*	
		For Additional 6" x 6" Supply Register With Damper, Add Per EA	*137.33*	
		For Additional 8" x 8" Supply Register With Damper, Add Per EA	*152.34*	
		For Additional 10" x 10" Supply Register With Damper, Add Per EA	*183.03*	
		For Additional LF Of Insulated Line Set And Refrigerant Charge, Add Per LF	*15.92*	
		For Additional LF Of Condensate Drain, Add Per LF	*7.35*	
01 95 99 99-0254	EA	3.0 – 4.0 Ton Residential Split System Condenser/Heat Pump, Air Handler With Coils, And Refrigerant Dryer (Up To 2,000SF) Note: Includes R 6.0 Insulated Duct; Up to 10 LF of 14"; Up to 20 LF of 12", Up to 20 LF of 10", Up to 30 LF of 8", Up to 20 LF of 6". Up to 15 LF and up to 8" fresh air intake duct with backdraft & volume damper with1/4" wire mesh, supply registers with damper up to 3- 6"x6", up to 3- 8"x8", up to 3- 10"x 10", up to 2- 12"x12", Up to 24"x30" return air grille with filter rack, up to 8" fresh air grille.	12,714.09	
		For Additional LF Of 12" R6.0 Insulated Duct Above Allowance, Add Per LF	*27.70*	
		For Additional LF Of 10" R6.0 Insulated Duct Above Allowance, Add Per LF	*20.64*	
		For Additional LF Of 8" R6.0 Insulated Duct Above Allowance, Add Per LF	*15.95*	
		For Additional LF Of 6" R6.0 Insulated Duct Above Allowance, Add Per LF	*11.73*	
		For Additional LF Of Up To 8" Fresh Air Duct Above Allowance, Add Per LF	*14.32*	
		For Additional 6" x 6" Supply Register With Damper, Add Per EA	*137.33*	
		For Additional 8" x 8" Supply Register With Damper, Add Per EA	*152.34*	
		For Additional 10" x 10" Supply Register With Damper, Add Per EA	*183.03*	
		For Additional LF Of Insulated Line Set And Refrigerant Charge, Add Per LF	*15.92*	
		For Additional LF Of Condensate Drain, Add Per LF	*7.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0255	EA	5.0 Ton Residential Split System Condenser/Heat Pump, Air Handler With Coils, And Refrigerant Dryer (Up To 3,000SF) Note: Includes R 6.0 Insulated Duct; Up to 10 LF of 14"; Up to 20 LF of 12", Up to 20 LF of 10", Up to 30 LF of 8", Up to 20 LF of 6". Up to 15 LF and up to 8" fresh air intake duct with backdraft & volume damper with1/4" wire mesh, supply registers with damper up to 3- 6"x6", up to 3- 8"x8", up to 3- 10"x 10", up to 2- 2- 12"x12", Up to 24"x30" return air grille with filter rack, up to 8" fresh air grille.	16,048.78	
		For Additional LF Of 12" R6.0 Insulated Duct Above Allowance, Add Per LF	*27.70*	
		For Additional LF Of 10" R6.0 Insulated Duct Above Allowance, Add Per LF	*20.64*	
		For Additional LF Of 8" R6.0 Insulated Duct Above Allowance, Add Per LF	*15.95*	
		For Additional LF Of 6" R6.0 Insulated Duct Above Allowance, Add Per LF	*11.73*	
		For Additional LF Of Up To 8" Fresh Air Duct Above Allowance, Add Per LF	*14.32*	
		For Additional 6" x 6" Supply Register With Damper, Add Per EA	*137.33*	
		For Additional 8" x 8" Supply Register With Damper, Add Per EA	*152.34*	
		For Additional 10" x 10" Supply Register With Damper, Add Per EA	*183.03*	
		For Additional LF Of Insulated Line Set And Refrigerant Charge, Add Per LF	*15.92*	
		For Additional LF Of Condensate Drain, Add Per LF	*7.35*	
01 95 99 99-0256		**Residential Split System Gas Fired HVAC Assembly** *(01 95 99 99-0251)* Note: All labor, material, Energy calculations, testing (HERS, AIR BALANCING & TITLE 24) and Drawings (Engineered Design, shop drawings & Final As-Built) and represents a complete, in place and fully functioning title 24 compliant system. Units comply with PCC and are 15 SEER minimum. Includes 7 day programable thermostat with up to 50 LF of wire (model), all duct work (supply, return, fresh air), dampers, Plenums, all supply registers, interior air return register, exterior fresh air intake grilles, refrigerants, air filters, penetrations, seismic bracing, cat walks, vibration isolation, all hangers, all straps, fasteners, caulking, sealants, Refrigerant line sets (up to 30 LF), UV protected condensate drains (Up to 50 LF), 26 Ga painted sheet metal line set covers (up to 10 LF) & 4'' thick 2' x 2' concrete condenser pads. This list may not cover all individual items involved in the new system, however it is intended to represent the installation of the complete operational and in place system in its entirety.		
01 95 99 99-0257	EA	1.5 – 2.5 Ton Residential Split System Condenser, Gas Fired Air Handler With Coils, And Refrigerant Dryer (Up To 1,250SF) Note: Includes R 6.0 Insulated Duct; Up to 10 LF of 14"; Up to 20 LF of 12", Up to 20 LF of 10", Up to 30 LF of 8", Up to 20 LF of 6". Up to 15 LF and up to 8" fresh air intake duct with backdraft & volume damper with1/4" wire mesh, supply registers with damper up to 3- 6"x6", up to 3- 8"x8", up to 3- 10"x 10", up to 2- 12"x12", Up to 24"x30" return air grille with filter rack, up to 8" fresh air grille.	11,375.17	
		For Additional LF Of 12" R6.0 Insulated Duct Above Allowance, Add Per LF	*27.70*	
		For Additional LF Of 10" R6.0 Insulated Duct Above Allowance, Add Per LF	*20.64*	
		For Additional LF Of 8" R6.0 Insulated Duct Above Allowance, Add Per LF	*15.95*	
		For Additional LF Of 6" R6.0 Insulated Duct Above Allowance, Add Per LF	*11.73*	
		For Additional LF Of Up To 8" Fresh Air Duct Above Allowance, Add Per LF	*14.32*	
		For Additional 6" x 6" Supply Register With Damper, Add Per EA	*137.33*	
		For Additional 8" x 8" Supply Register With Damper, Add Per EA	*152.34*	
		For Additional 10" x 10" Supply Register With Damper, Add Per EA	*183.03*	
		For Additional LF Of Insulated Line Set And Refrigerant Charge, Add Per LF	*15.92*	
		For Additional LF Of Condensate Drain, Add Per LF	*7.35*	
01 95 99 99-0258	EA	3.0 – 4.0 Ton Residential Split System Condenser, Gas Fired Air Handler With Coils, And Refrigerant Dryer (Up To 2,000SF) Note: Includes R 6.0 Insulated Duct; Up to 10 LF of 14"; Up to 20 LF of 12", Up to 20 LF of 10", Up to 30 LF of 8", Up to 20 LF of 6". Up to 15 LF and up to 8" fresh air intake duct with backdraft & volume damper with1/4" wire mesh, supply registers with damper up to 3- 6"x6", up to 3- 8"x8", up to 3- 10"x 10", up to 2- 12"x12", Up to 24"x30" return air grille with filter rack, up to 8" fresh air grille.	13,748.82	
		For Additional LF Of 12" R6.0 Insulated Duct Above Allowance, Add Per LF	*27.70*	
		For Additional LF Of 10" R6.0 Insulated Duct Above Allowance, Add Per LF	*20.64*	
		For Additional LF Of 8" R6.0 Insulated Duct Above Allowance, Add Per LF	*15.95*	
		For Additional LF Of 6" R6.0 Insulated Duct Above Allowance, Add Per LF	*11.73*	
		For Additional LF Of Up To 8" Fresh Air Duct Above Allowance, Add Per LF	*14.32*	
		For Additional 6" x 6" Supply Register With Damper, Add Per EA	*137.33*	
		For Additional 8" x 8" Supply Register With Damper, Add Per EA	*152.34*	
		For Additional 10" x 10" Supply Register With Damper, Add Per EA	*183.03*	
		For Additional LF Of Insulated Line Set And Refrigerant Charge, Add Per LF	*15.92*	
		For Additional LF Of Condensate Drain, Add Per LF	*7.35*	
01 95 99 99-0259	EA	5.0 Ton Residential Split System Condenser, Gas Fired Air Handler With Coils, And Refrigerant Dryer (Up To 3,000SF) Note: Includes R 6.0 Insulated Duct; Up to 10 LF of 14"; Up to 20 LF of 12", Up to 20 LF of 10", Up to 30 LF of 8", Up to 20 LF of 6". Up to 15 LF and up to 8" fresh air intake duct with backdraft & volume damper with1/4" wire mesh, supply registers with damper up to 3- 6"x6", up to 3- 8"x8", up to 3- 10"x 10", up to 2- 2- 12"x12", Up to 24"x30" return air grille with filter rack, up to 8" fresh air grille.	16,610.65	
		For Additional LF Of 12" R6.0 Insulated Duct Above Allowance, Add Per LF	*27.70*	
		For Additional LF Of 10" R6.0 Insulated Duct Above Allowance, Add Per LF	*20.64*	
		For Additional LF Of 8" R6.0 Insulated Duct Above Allowance, Add Per LF	*15.95*	
		For Additional LF Of 6" R6.0 Insulated Duct Above Allowance, Add Per LF	*11.73*	
		For Additional LF Of Up To 8" Fresh Air Duct Above Allowance, Add Per LF	*14.32*	
		For Additional 6" x 6" Supply Register With Damper, Add Per EA	*137.33*	
		For Additional 8" x 8" Supply Register With Damper, Add Per EA	*152.34*	
		For Additional 10" x 10" Supply Register With Damper, Add Per EA	*183.03*	
		For Additional LF Of Insulated Line Set And Refrigerant Charge, Add Per LF	*15.92*	
		For Additional LF Of Condensate Drain, Add Per LF	*7.35*	
01 95 99 99-0260		**Indoor Units** *(01 95 99 99-0251)*		
01 95 99 99-0261	EA	7,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,132.86	200.28
		For Additional LF Of Insulated Line Set And Refrigerant Charge, Add Per LF	*15.92*	
01 95 99 99-0262	EA	9,000 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,196.70	212.80
		For Additional LF Of Insulated Line Set And Refrigerant Charge, Add Per LF	*15.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0263	EA	11,900 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,261.66	225.32
		For Additional LF Of Insulated Line Set And Refrigerant Charge, Add Per LF	*15.92*	
01 95 99 99-0264	EA	17,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,428.75	237.83
		For Additional LF Of Insulated Line Set And Refrigerant Charge, Add Per LF	*15.92*	
01 95 99 99-0265	EA	24,200 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,528.49	250.35
		For Additional LF Of Insulated Line Set And Refrigerant Charge, Add Per LF	*15.92*	
01 95 99 99-0266		**Outdoor Units** *(01 95 99 99-0251)*		
01 95 99 99-0267	EA	19,700 BTU, 16.5 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes outdoor unit and refrigerant charge.	3,170.85	300.42
01 95 99 99-0268	EA	25,400 BTU, 16.2 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes outdoor unit and refrigerant charge.	3,508.36	325.45
01 95 99 99-0269	EA	30,600 BTU, 17.6 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes outdoor unit and refrigerant charge.	5,574.05	350.48
01 95 99 99-0270		**Heat Pumps** *(01 95 99 99-0251)*		
01 95 99 99-0271	EA	9,000 BTU Cooling, 12,200 BTU Heating, 16 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,860.36	413.07
		For Additional LF Of Insulated Line Set And Refrigerant Charge, Add Per LF	*15.92*	
01 95 99 99-0272	EA	11,900 BTU Cooling, 13,300 BTU Heating, 17 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,159.60	450.62
		For Additional LF Of Insulated Line Set And Refrigerant Charge, Add Per LF	*15.92*	
01 95 99 99-0273	EA	17,500 BTU Cooling, 20,400 BTU Heating, 20 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,860.45	500.70
		For Additional LF Of Insulated Line Set And Refrigerant Charge, Add Per LF	*15.92*	
01 95 99 99-0274	EA	24,200 BTU Cooling, 29,000 BTU Heating, 17 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,445.73	550.77
		For Additional LF Of Insulated Line Set And Refrigerant Charge, Add Per LF	*15.92*	
01 95 99 99-0275	EA	25,200 BTU Cooling, 29,200 BTU Heating, 14.9 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,329.36	600.83
		For Additional LF Of Insulated Line Set And Refrigerant Charge, Add Per LF	*15.92*	
01 95 99 99-0276	EA	29,800 BTU Cooling, 34,800 BTU Heating, 15 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	7,342.43	625.87
		For Additional LF Of Insulated Line Set And Refrigerant Charge, Add Per LF	*15.92*	
01 95 99 99-0277	EA	31,400 BTU Cooling, 36,400 BTU Heating, 15.9 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	8,056.87	667.17
		For Additional LF Of Insulated Line Set And Refrigerant Charge, Add Per LF	*15.92*	
01 95 99 99-0278		**Blended Filtered Ventilation System** *(01 95 99 99-0251)* Note: Complete assembly. Includes, installation, registers, duct work, wall penetrations for fresh air, cutting in ceiling and wall registers on interior. Hooking up control wires and electrical. Does not include electrical runs		
01 95 99 99-0279	EA	Blended Filtered Ventilation System (Aldes BV150)	836.94	61.06
		For Duct, Add Per LF	*9.45*	
		For Control Run, Add Per LF	*0.75*	
		For Return Register, Add Per Each	*174.33*	
		For Supply Register, Add Per Each	*223.02*	
01 95 99 99-0280	EA	Blended Filtered Ventilation System (Aldes BV300)	1,264.19	74.64
		For Duct, Add Per LF	*11.73*	
		For Control Run, Add Per LF	*0.75*	
		For Return Register, Add Per Each	*174.33*	
		For Supply Register, Add Per Each	*223.02*	
01 95 99 99-0281	EA	4" Exhaust Port, Multiport Exhaust Fans (Aldes MPVS200)	539.36	67.84
		For Duct, Add Per LF	*9.45*	
		For Control Run, Add Per LF	*0.75*	
01 95 99 99-0282	EA	6" Exhaust Port, Multiport Exhaust Fans (Aldes MPVS200)	564.28	67.84
		For Duct, Add Per LF	*11.73*	
		For Control Run, Add Per LF	*0.75*	
01 95 99 99-0283		**Automatic Condensate Pump With Tank** *(01 95 99 99-0251)*		
01 95 99 99-0284	EA	1/20 HP Automatic Condensate Pump With Tank (Hartell KT-15-1UL)	130.63	28.71
01 95 99 99-0285	EA	1/30 HP Automatic Condensate Pump With Tank (Little Giant VCMX-20)	139.46	28.71
01 95 99 99-0286	EA	1/50 HP, 200 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-14ULS)	233.18	37.32
01 95 99 99-0287		**Chase Cover** *(01 95 99 99-0251)*		
01 95 99 99-0288	SF	Metal Track And Cover Chase Note: Up to 24'-6"	36.08	3.48
01 95 99 99-0289		**Remove Wall Heater** *(01 95 99 99-0251)*		
01 95 99 99-0290	EA	Removal Of Wall Heater And Cap Gas	358.65	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0291		**Schedule 40 Polyvinyl Chloride (PVC) Non-Pressure Pipe Assemblies** *(01 95 99 99-0251)* Note: Includes pipe and all fittings (straps, couplings, elbows, tees, threaded adapter and reducer fittings). For HVAC condensate drain lines.		
01 95 99 99-0292	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Non-Pressure Pipe And Fittings Assembly	11.23	3.28
		For Work In Restricted Working Space, Add	*3.11*	
01 95 99 99-0293	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Non-Pressure Pipe And Fittings Assembly	14.95	4.10
		For Work In Restricted Working Space, Add	*3.87*	
01 95 99 99-0294	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Non-Pressure Pipe And Fittings Assembly	16.30	4.37
		For Work In Restricted Working Space, Add	*4.46*	
01 95 99 99-0295		**Plumbing** *(01 95 99 99)*		
01 95 99 99-0296		**Piping** *(01 95 99 99-0295)*		
01 95 99 99-0297	LF	1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies.	26.14	3.49
01 95 99 99-0298	LF	3/4" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies.	30.97	4.49
01 95 99 99-0299	LF	1" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	35.02	5.36
01 95 99 99-0300	LF	1-1/4" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	40.50	6.23
01 95 99 99-0301	LF	1-1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	45.94	7.11
01 95 99 99-0302		**Water Heaters** *(01 95 99 99-0295)*		
01 95 99 99-0303	EA	40 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCV-40)	1,826.78	246.17
01 95 99 99-0304	EA	Minimum 9 GPM, 150,000 BTU,Tankless, Domestic Water Heater Note: Includes up to 15' of 3/4" gas line upgrade.	2,321.32	186.97
01 95 99 99-0305	EA	Removal And Reinstallation Of Water Heater Gas Fired, Up To 86 Gallon	566.56	
01 95 99 99-0306	EA	Earthquake Straps For Up To 80 Gallon Water Heater	65.02	12.47
01 95 99 99-0307	EA	Minimum 9 GPM, Tankless, Electric Domestic Water Heater (Rheem ECOH180DVLN-1)	3,453.33	186.97
01 95 99 99-0308	EA	1/2" x 1/2" Temperature And Pressure Relief Valve, Bronze Body, Threaded, Residential	78.64	31.78
01 95 99 99-0309	EA	3/4" x 3/4" Temperature And Pressure Relief Valve, Bronze Body, Threaded, Residential	93.48	38.14
01 95 99 99-0310	EA	21" x 21" x 18" High, 18 Gauge, Water Heater Stand	136.28	18.70
01 95 99 99-0311	EA	24" x 24" x 18" High, 16 Gauge, Water Heater Stand	243.39	18.70
01 95 99 99-0312	EA	22" Diameter, Plastic Water Heater Pan With PVC Drain Connection	38.99	9.35
01 95 99 99-0313	EA	24" Diameter, Plastic Water Heater Pan With PVC Drain Connection	42.29	9.35
01 95 99 99-0314	EA	26" Diameter, Plastic Water Heater Pan With PVC Drain Connection	46.92	9.35
01 95 99 99-0315	EA	20" Diameter, Aluminum Water Heater Pan With PVC Drain Connection	70.00	9.35
01 95 99 99-0316	EA	22" Diameter, Aluminum Water Heater Pan With PVC Drain Connection	76.18	9.35
01 95 99 99-0317	EA	24" Diameter, Aluminum Water Heater Pan With PVC Drain Connection	80.30	9.35
01 95 99 99-0318	EA	26" Diameter, Aluminum Water Heater Pan With PVC Drain Connection	87.95	9.35
01 95 99 99-0319	EA	24" x 26.5" x 76.5" Galvanized Steel Water Heater Enclosure (Holdrite QS-E24-H)	398.89	77.91
01 95 99 99-0320	EA	30" x 30" x 74" Galvanized Steel Water Heater Enclosure (Holdrite QS-E30)	432.35	62.33
01 95 99 99-0321		**Vent Piping** *(01 95 99 99-0295)*		
01 95 99 99-0322	LF	4" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	37.69	11.77
01 95 99 99-0323	LF	5" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	41.62	12.52
01 95 99 99-0324	EA	4" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	98.37	23.53
01 95 99 99-0325	EA	5" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	109.68	25.03
01 95 99 99-0326	EA	4" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	81.78	23.53
01 95 99 99-0327	EA	5" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	89.46	25.03
01 95 99 99-0328	EA	4" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	64.34	18.28
01 95 99 99-0329	EA	5" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	82.69	20.03
01 95 99 99-0330	EA	4" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	76.01	23.53
01 95 99 99-0331	EA	5" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	95.30	26.66
01 95 99 99-0332	EA	4" Round Galvanized Storm Collar, Double Wall	34.43	12.02
01 95 99 99-0333	EA	5" Round Galvanized Storm Collar, Double Wall	40.52	14.02
01 95 99 99-0334		**Electrical** *(01 95 99 99)*		
01 95 99 99-0335		**Electrical Panel Assembly** *(01 95 99 99-0334)* Note: All labor, material and equipment to remove and replace existing panel with new electrical panel. New panel shall include removal and reinstallation, including drilling and anchors. Installation of new panel shall include lockout/tagout, all fittings and connectors, breakers, torque and terminations, and testing. New panel shall include any/all circuit tracing, all required grounding including 2 ground rods and 1 cold water ground and gas ground. Installation of new panel shall also include any/all patch paint of surrounding plaster or drywall surfaces, patch/paint repair shall match existing to 90%.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0336	EA	Single Family Electrical Panel: 100 Amp Main Breaker, Indoor, 12 – 20 Amp Breakers, 120/240V, 1 Phase Assembled Panel Board, 1 Pole Breakers, 20 Circuit Capacity Note: Remove and replace existing panels including any/all patch of surrounding surfaces, up to 2 sf and paint to match to 90%, paint to be feathered in. Includes installation of 2 grounding rod and 1 cold water grounding and gas grounding. Includes lock out and tag out. Includes drilling and mounting anchors. Includes connection of main service. Includes conduit connectors for flex or emt. Includes terminations and torque. Any/all circuit tracing is included. Symmetrical raceway (expected quality). Wire label and Panel Scheduling Included for all circuits. Includes Vertical riser and weather head. NEC/Code Compliant.	3,413.16	
		For Additional Breaker, Add Per Each	*72.36*	
		For NEMA 3R Panel With Waterproof Hubs, Add	*560.05*	
01 95 99 99-0337	EA	Single Family Electrical Panel: 225 Amp Main Breaker, Indoor, 20 – 20 Amp Breakers, 120/240V, 1 Phase Assembled Panel Board, 1 Pole Breakers, 24 Circuit Capacity Note: Remove and replace existing panels including any/all patch of surrounding surfaces, up to 2 sf and paint to match to 90%, paint to be feathered in. Includes installation of 2 grounding rod and 1 cold water grounding and gas grounding. Includes lock out and tag out. Includes drilling and mounting anchors. Includes connection of main service. Includes conduit connectors for flex or emt. Includes terminations and torque. Any/all circuit tracing is included. Symmetrical raceway (expected quality). Wire label and Panel Scheduling Included for all circuits. Includes Vertical riser and weather head. NEC/Code Compliant.	4,295.51	
		For Additional Breaker, Add Per Each	*72.36*	
		For NEMA 3R Panel With Waterproof Hubs, Add	*737.16*	
01 95 99 99-0338	EA	Multi-Family Electrical Panel: 400 Amp Rating, 36- 20 Amp breakers, 120/208V, 4 Wire, 1 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 1 Pole Breakers, 54 Circuit Capacity Note: Remove and replace existing panels including any/all patch of surrounding surfaces, up to 2 sf and paint to match to 90%, paint to be feathered in. Includes installation of 2 grounding rod and 1 cold water grounding and gas grounding. Includes lock out and tag out. Includes drilling and mounting anchors. Includes connection of main service. Includes conduit connectors for flex or emt. Includes terminations and torque. Any/all circuit tracing is included. Symmetrical raceway (expected quality). Wire label and Panel Scheduling Included for all circuits. Includes Vertical riser and weather head. NEC/Code Compliant.	6,814.75	
		For Additional Breaker, Add Per Each	*72.36*	
		For NEMA 3R Panel With Waterproof Hubs, Add	*696.24*	
		For Door in Door (Hinged) Trim Front, Add	*630.07*	

01 95 99 99-0339 Demolition and Isolation *(01 95 99 99-0334)*

01 95 99 99-0340	LF	Remove Overhead Electrical Lines From Buildings	1.32	
01 95 99 99-0341	EA	Knob And Tube Disconnection And Isolation	32.74	

01 95 99 99-0342 Main Panels and Subpanels *(01 95 99 99-0334)*

01 95 99 99-0343	EA	100 Amp Main Breaker, Indoor, 18 Circuit, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,683.50	654.80
01 95 99 99-0344	EA	200 Amp Main Breaker, Indoor, 24 Circuit, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	2,212.88	806.45
01 95 99 99-0345	EA	1 Pole, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	72.36	23.57
01 95 99 99-0346	EA	2 Pole, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	124.66	35.36
01 95 99 99-0347	EA	2 Pole, 120/240 Volt, 35-60 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	124.66	35.36
01 95 99 99-0348	EA	30 Amp, AC Disconnect	136.56	55.65
01 95 99 99-0349	EA	60 Amp, AC Disconnect	157.87	62.21
01 95 99 99-0350	EA	40 Amp, Outdoor Assembled Sub Panel	218.50	78.58
01 95 99 99-0351	EA	60 Amp, Outdoor Assembled Sub Panel	238.47	91.67

01 95 99 99-0352 Grounding And Bonding For Electrical Systems *(01 95 99 99-0334)*

01 95 99 99-0353	EA	1/2" Diameter x 8' Long Copper-Clad Ground Rods	108.23	98.22
01 95 99 99-0354	EA	1/2" Bronze Ground Rod Clamp	25.49	14.80
01 95 99 99-0355	EA	1/2" To 1" Bronze Pipe Ground Clamps	33.91	24.62
01 95 99 99-0356	EA	Up To #6 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	151.95	
01 95 99 99-0357	EA	14-8 AWG Copper Ground Kit For Circuit Breaker Panels	83.25	32.74

01 95 99 99-0358 Conduit, Raceways, And Wire *(01 95 99 99-0334)*

01 95 99 99-0359 Electrical Metallic Tubing (EMT) Conduit Assemblies *(01 95 99 99-0358)*

Note: Includes conduit, field bends, set screw connectors, set screw couplings, straps, and wire as indicated. Per CLF.

01 95 99 99-0360	CLF	1/2" Electrical Metallic Tubing (EMT) With 3 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	995.04	292.43
01 95 99 99-0361	CLF	1/2" Electrical Metallic Tubing (EMT) With 4 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,090.45	317.56
01 95 99 99-0362	CLF	1/2" Electrical Metallic Tubing (EMT) With 3 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,066.53	305.00
01 95 99 99-0363	CLF	1/2" Electrical Metallic Tubing (EMT) With 4 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,185.77	334.31
01 95 99 99-0364	CLF	3/4" Electrical Metallic Tubing (EMT) With 3 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,106.49	315.28
01 95 99 99-0365	CLF	3/4" Electrical Metallic Tubing (EMT) With 4 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,201.90	340.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0366	CLF	3/4" Electrical Metallic Tubing (EMT) With 5 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,297.29	365.54
01 95 99 99-0367	CLF	3/4" Electrical Metallic Tubing (EMT) With 6 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,392.71	390.67
01 95 99 99-0368	CLF	3/4" Electrical Metallic Tubing (EMT) With 3 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,177.97	327.85
01 95 99 99-0369	CLF	3/4" Electrical Metallic Tubing (EMT) With 4 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,297.21	357.16
01 95 99 99-0370	CLF	3/4" Electrical Metallic Tubing (EMT) With 5 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,416.45	386.48
01 95 99 99-0371	CLF	3/4" Electrical Metallic Tubing (EMT) With 6 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,535.68	415.80
01 95 99 99-0372	CLF	1" Electrical Metallic Tubing (EMT) With 3 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,263.53	339.34
01 95 99 99-0373	CLF	1" Electrical Metallic Tubing (EMT) With 4 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,358.95	364.46
01 95 99 99-0374	CLF	1" Electrical Metallic Tubing (EMT) With 5 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,454.36	389.59
01 95 99 99-0375	CLF	1" Electrical Metallic Tubing (EMT) With 6 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,549.76	414.71
01 95 99 99-0376	CLF	1" Electrical Metallic Tubing (EMT) With 3 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,335.03	351.90
01 95 99 99-0377	CLF	1" Electrical Metallic Tubing (EMT) With 4 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,454.26	381.22
01 95 99 99-0378	CLF	1" Electrical Metallic Tubing (EMT) With 5 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,573.50	410.52
01 95 99 99-0379	CLF	1" Electrical Metallic Tubing (EMT) With 6 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,692.73	439.84
01 95 99 99-0380		**Electrical Metallic Tubing (EMT) Conduit** *(01 95 99 99-0358)*		
01 95 99 99-0381	LF	1/2" Electrical Metallic Tubing (EMT) Conduit	6.16	2.16
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.81*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.35*	
01 95 99 99-0382	LF	3/4" Electrical Metallic Tubing (EMT) Conduit	7.20	2.40
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.90*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.50*	
01 95 99 99-0383	LF	1" Electrical Metallic Tubing (EMT) Conduit	8.62	2.64
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.99*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.65*	
01 95 99 99-0384	LF	1-1/4" Electrical Metallic Tubing (EMT) Conduit	10.63	2.97
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.11*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.86*	
01 95 99 99-0385	LF	1-1/2" Electrical Metallic Tubing (EMT) Conduit	12.38	3.35
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.26*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.10*	
01 95 99 99-0386	LF	2" Electrical Metallic Tubing (EMT) Conduit	14.31	3.83
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.44*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.39*	
01 95 99 99-0387	LF	2-1/2" Electrical Metallic Tubing (EMT) Conduit	18.39	4.55
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.71*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.84*	
01 95 99 99-0388	LF	3" Electrical Metallic Tubing (EMT) Conduit	21.95	5.26
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.97*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*3.29*	
01 95 99 99-0389	LF	3-1/2" Electrical Metallic Tubing (EMT) Conduit	27.30	6.22
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*2.33*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*3.89*	
01 95 99 99-0390	LF	4" Electrical Metallic Tubing (EMT) Conduit	36.71	9.40
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*3.52*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*5.87*	
01 95 99 99-0391		**Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings** *(01 95 99 99-0358)*		
01 95 99 99-0392	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings	5.74	1.87
01 95 99 99-0393	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings	6.54	2.06
01 95 99 99-0394	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings	8.09	2.40
01 95 99 99-0395	LF	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings	9.64	2.74
01 95 99 99-0396	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings	11.33	3.20
01 95 99 99-0397	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings	13.52	3.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0398	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings	17.86	4.35
01 95 99 99-0399	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings	20.91	5.04
01 95 99 99-0400	LF	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings	25.52	5.95
01 95 99 99-0401	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings	30.00	7.33
01 95 99 99-0402	LF	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings	42.69	10.31
01 95 99 99-0403	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings	56.72	13.74
01 95 99 99-0404		**Single Stranded Copper** *(01 95 99 99-0358)*		
01 95 99 99-0405	MLF	#18 AWG Cable - Type TFFN 600 Volt Copper, Single Stranded, Placed In Conduit	598.28	239.30
01 95 99 99-0406	MLF	#16 AWG Cable - Type TFFN 600 Volt Copper, Single Stranded, Placed In Conduit	745.56	263.24
01 95 99 99-0407	MLF	#14 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	763.33	191.92
01 95 99 99-0408	MLF	#12 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	954.08	228.78
01 95 99 99-0409	MLF	#10 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	1,192.36	287.77
01 95 99 99-0410	MLF	#8 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	1,694.39	379.30
01 95 99 99-0411	MLF	#6 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	2,337.18	458.03
01 95 99 99-0412	MLF	#4 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	3,129.03	541.31
01 95 99 99-0413	MLF	#3 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	3,753.62	612.74
01 95 99 99-0414	MLF	#2 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	4,510.40	686.20
01 95 99 99-0415	MLF	#1 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	5,405.03	774.39
01 95 99 99-0416	MLF	#1/0 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	6,290.64	847.97
01 95 99 99-0417	MLF	#2/0 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	7,164.65	937.12
01 95 99 99-0418	MLF	#3/0 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	8,564.48	991.20
01 95 99 99-0419	MLF	#4/0 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	10,256.49	1,115.16
01 95 99 99-0420		**Wireway With Screw Cover** *(01 95 99 99-0358)*		
01 95 99 99-0421		**2-1/2" x 2-1/2", Wireway With Screw Cover** *(01 95 99 99-0420)*		
01 95 99 99-0422	LF	2-1/2" x 2-1/2", NEMA 1, Surface Mounted Wireway With Screw Cover	33.37	5.98
01 95 99 99-0423	EA	2-1/2" x 2-1/2", End Plate For Surface Mounted Wireway With Screw Cover	25.71	8.97
01 95 99 99-0424	EA	2-1/2" x 2-1/2", Coupling For Surface Mounted Wireway With Screw Cover	30.13	11.19
01 95 99 99-0425	EA	2-1/2" x 2-1/2", Panel Adapter For Surface Mounted Wireway With Screw Cover	64.64	20.94
01 95 99 99-0426	EA	2-1/2" x 2-1/2", Elbow For Surface Mounted Wireway With Screw Cover	109.98	20.94
01 95 99 99-0427	EA	2-1/2" x 2-1/2", Tee For Surface Mounted Wireway With Screw Cover	163.49	29.79
01 95 99 99-0428	EA	2-1/2" x 2-1/2", Cross For Surface Mounted Wireway With Screw Cover	183.74	32.91
01 95 99 99-0429		**4" x 4", Wireway With Screw Cover** *(01 95 99 99-0420)*		
01 95 99 99-0430	LF	4" x 4", NEMA 1, Surface Mounted Wireway With Screw Cover	40.80	7.54
01 95 99 99-0431	LF	4" x 4", NEMA 3R, Surface Mounted Wireway With Screw Cover	75.96	7.54
01 95 99 99-0432	EA	4" x 4", End Plate For Surface Mounted Wireway With Screw Cover	21.26	6.59
01 95 99 99-0433	EA	4" x 4", Coupling For Surface Mounted Wireway With Screw Cover	33.23	12.56
01 95 99 99-0434	EA	4" x 4", Panel Adapter For Surface Mounted Wireway With Screw Cover	75.93	25.61
01 95 99 99-0435	EA	4" x 4", Elbow For Surface Mounted Wireway With Screw Cover	125.78	25.61
01 95 99 99-0436	EA	4" x 4", Tee For Surface Mounted Wireway With Screw Cover	179.49	33.27
01 95 99 99-0437	EA	4" x 4", Cross For Surface Mounted Wireway With Screw Cover	207.15	38.89
01 95 99 99-0438		**Plugs, Switches And Boxes** *(01 95 99 99-0334)*		
01 95 99 99-0439	EA	1 Gang, 15 Amp, NEMA 5-15, Duplex Receptacle Assembly	104.62	46.50
01 95 99 99-0440	EA	1 Gang, 20 Amp, NEMA 5-20, Duplex Receptacle Assembly	112.51	49.76
01 95 99 99-0441	EA	2 Gang, 15 Amp, NEMA 5-15, Duplex Receptacle Assembly	135.85	59.59
01 95 99 99-0442	EA	2 Gang, 20 Amp, NEMA 5-20, Duplex Receptacle Assembly	151.63	66.14
01 95 99 99-0443	EA	1 Gang, 15 Amp, GFI, Duplex Receptacle Assembly	122.75	46.50
01 95 99 99-0444	EA	1 Gang, 20 Amp, GFI, Duplex Receptacle Assembly	131.60	49.76
01 95 99 99-0445	EA	15 Amp Ground Fault Circuit Interrupter (GFCI), Duplex Receptacle	44.94	16.37
01 95 99 99-0446	EA	20 Amp Ground Fault Circuit Interrupter (GFCI), Duplex Receptacle	63.61	19.64
01 95 99 99-0447	EA	1 Gang, 15 Amp, 120/277 Volt, SPST, Switch Assembly	109.14	45.83
01 95 99 99-0448	EA	2 Gang, 15 Amp, 120/277 Volt, SPST, Switch Assembly	148.16	59.91
01 95 99 99-0449	EA	15 Amp Ground Fault Circuit Interrupter (GFCI), Weather Tamper (WT) Resistant, Duplex Receptacle	80.45	19.64
01 95 99 99-0450	EA	20 Amp Ground Fault Circuit Interrupter (GFCI), Weather Tamper (WT) Resistant, Duplex Receptacle	86.63	19.64
01 95 99 99-0451		**Breakers** *(01 95 99 99-0334)*		
01 95 99 99-0452	EA	1 Pole GFI, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	188.14	28.81
01 95 99 99-0453	EA	1 Pole GFI, 120/240 Volt, 15-20 Amp, "Arc Fault" Circuit Breaker, 10,000 Amp Interrupting Capacity	138.24	28.81
01 95 99 99-0454		**Service Light** *(01 95 99 99-0334)*		
01 95 99 99-0455	EA	13 Watt Porch Light, Glass Globe, Cooper FE13PCW	110.23	32.74
01 95 99 99-0456		**Smoke And Carbon Monoxide Detectors** *(01 95 99 99-0334)*		
01 95 99 99-0457	EA	Photo Electric Residential Smoke Detector 110-120 Volt, Wired (BRK 7010)	140.21	49.18
01 95 99 99-0458	EA	AC Powered, Residential Carbon Monoxide Alarm (Kidde 900-0107)	174.42	32.74
01 95 99 99-0459	EA	AC Powered, Residential Carbon Monoxide and Fire Alarm (Kidde 900-0114)	194.52	32.74
01 95 99 99-0460		**Bathroom Exhast Fan** *(01 95 99 99-0334)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0461	EA	110 CFM, Single Speed, Ceiling Bathroom Exhaust Fan Without Light (NuTone InVent Series AEN110)	296.06	52.47
		For Up To 2 SF Cutting And Patching 5/8" Fire Rated Gypsum Board Ceiling, Add	*51.61*	
		For Painting Up To 50 SF Ceiling, 1 Coat Primer and 2 Coats Paint, Add	*244.76*	
		For New 2-Gang Plastic Box With 15 Amp Switch Assembly, Up To 15' Of 14 Gauge 3 Conductor Romex From Fan To Switch, Add	*314.46*	
		For New 2-Gang Plastic Box With Humidity Sensing Fan Switch Assembly (Load Rating: 600W incandescent, 150W LED/CFL, 400VA inductive /ballast), Up To 15' Of 14 Gauge 3 Conductor Romex From Fan To Switch, Add	*356.79*	
		For Up To 50' Wiring To New 15 Amp, Single Pole Breaker, Add	*390.64*	
		For Up To 50' Wiring To New 15 Amp, AFCI/GFCI (Dual Function Breaker, Arc Fault And Ground Fault Protection) Protected Branch Circuit UL listed Class 5mA With Self-Test Feature, 15 AMP- Plug-In Or Bolt-on As Required), Add	*642.08*	
		For Up To 15' Of 4" Exhaust Duct And Tie Into Exhaust System, Add	*193.86*	
		For Roof Vent, Cutting Hole And Patch, Add	*578.34*	
01 95 99 99-0462	EA	110 CFM, Single Speed, Ceiling Bathroom Exhaust Fan With LED Light (NuTone InVent Series AEN110L)	416.23	52.47
		For Up To 2 SF Cutting And Patching 5/8" Fire Rated Gypsum Board Ceiling, Add	*51.61*	
		For Painting Up To 50 SF Ceiling, 1 Coat Primer and 2 Coats Paint, Add	*244.76*	
		For New 2-Gang Plastic Box With 15 Amp Switch Assembly, Up To 15' Of 14 Gauge 3 Conductor Romex From Fan To Switch, Add	*314.46*	
		For New 2-Gang Plastic Box With Humidity Sensing Fan Switch Assembly (Load Rating: 600W incandescent, 150W LED/CFL, 400VA inductive /ballast), Up To 15' Of 14 Gauge 3 Conductor Romex From Fan To Switch, Add	*356.79*	
		For Up To 50' Wiring To New 15 Amp, Single Pole Breaker, Add	*390.64*	
		For Up To 50' Wiring To New 15 Amp, AFCI/GFCI (Dual Function Breaker, Arc Fault And Ground Fault Protection) Protected Branch Circuit UL listed Class 5mA With Self-Test Feature, 15 AMP- Plug-In Or Bolt-on As Required), Add	*642.08*	
		For Up To 15' Of 4" Exhaust Duct And Tie Into Exhaust System, Add	*193.86*	
		For Roof Vent, Cutting Hole And Patch, Add	*578.34*	
01 95 99 99-0463		**Rigid Galvanized Steel (RGS) Conduit With Snap-On Water Tight Connection** *(01 95 99 99-0334)*		
01 95 99 99-0464	LF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With Snap-On Water Tight Connection	11.78	2.64
01 95 99 99-0465	LF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With Snap-On Water Tight Connection	13.28	2.87
01 95 99 99-0466	LF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With Snap-On Water Tight Connection	22.72	3.35
01 95 99 99-0467		**Trenching, Backfill, And Compaction** *(01 95 99 99)*		
01 95 99 99-0468	CY	12" Wide or Less, Excavation for Trenching by Machine in Soil	13.17	
		For Up To 20, Add	*13.17*	
		For >20 To 50, Add	*9.88*	
		For >50 To 250, Add	*5.27*	
01 95 99 99-0469	CY	Excavation For Trenching By Hand In Soil Note: Includes stockpiling excess materials and trimming sides and bottom of trench.	156.92	
01 95 99 99-0470	CY	Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Machine	4.84	
		For Up To 20, Add	*4.84*	
		For >20 To 50, Add	*3.63*	
		For >50 To 250, Add	*1.94*	
01 95 99 99-0471	CY	Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Hand	43.59	
01 95 99 99-0472	CY	Compaction of Fill or Subbase for Trenches by Vibratory Plate, Air Tamper, Etcetera	9.09	
		For Up To 20, Add	*9.09*	
		For >20 To 50, Add	*6.82*	
		For >50 To 250, Add	*3.64*	
01 95 99 99-0473	CY	Compaction of Fill or Subbase for Trenches by Hand	49.17	
01 95 99 99-0474		**French Drains** *(01 95 99 99)*		
01 95 99 99-0475		**Core Drill And Auger** *(01 95 99 99-0474)*		
01 95 99 99-0476	EA	Drill 8" Diameter Core In Up To 4" Concrete	216.35	
01 95 99 99-0477	EA	Core Drill Minimum Charge Note: For projects where the total core drilling charge is less than the minimum charge, use task "Minimum Charge For Core Drilling" exclusively. Task "Minimum Charge For Core Drilling" should not be used in conjunction with any other tasks in this section. Does not apply to sections "Drilling In Concrete Per Inch Of Depth" or "Drilling In Brick Or Block Per Inch Of Depth".	1,023.27	
01 95 99 99-0478	VLF	8" Diameter Hole, Auger By Machine	21.04	
01 95 99 99-0479	BAG	50 LB Capacity Gravel Bag With Gravel	12.77	3.31
01 95 99 99-0480	EA	8" Diameter Round Drain Grate	54.01	
01 95 99 99-0481		**Equipment Pads** *(01 95 99 99)*		
01 95 99 99-0482	SF	4" Equipment Pad With Rebar	26.79	
01 95 99 99-0483		**Chimney/Fireplace** *(01 95 99 99)*		
01 95 99 99-0484		**Damper** *(01 95 99 99-0483)*		
01 95 99 99-0485	EA	6" Round Flue Shutter Draft Control Damper	1,454.98	66.74
01 95 99 99-0486	EA	8" Round Flue Shutter Draft Control Damper	1,687.75	76.98
01 95 99 99-0487		**Flue Pipe** *(01 95 99 99-0483)*		
01 95 99 99-0488	LF	6" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	45.37	13.40
01 95 99 99-0489	LF	8" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	59.15	15.40
01 95 99 99-0490		**Spark Arrestor** *(01 95 99 99-0483)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0491	EA	15" x 24", Black, Adjustable Flue Guard Chimney Cap Spark Arrestor	286.44	60.09
01 95 99 99-0492		**Fire Rated Fireplace Door** *(01 95 99 99-0483)*		
01 95 99 99-0493	EA	29" To 32" Wide Glass Fireplace Door, 25" To 32" Height Note: Includes 1/4" tempered glass.	1,312.85	78.46
		For Wire Mesh Screen, Add	*96.00*	
		For Wire Mesh Door, Add	*152.00*	
01 95 99 99-0494	EA	32" To 35" Wide Glass Fireplace Door, 25" To 32" Height Note: Includes 1/4" tempered glass.	1,433.23	78.46
		For Wire Mesh Screen, Add	*96.00*	
		For Wire Mesh Door, Add	*152.00*	
01 95 99 99-0495	EA	35" To 38" Wide Glass Fireplace Door, 25" To 32" Height Note: Includes 1/4" tempered glass.	1,529.53	78.46
		For Wire Mesh Screen, Add	*96.00*	
		For Wire Mesh Door, Add	*152.00*	
01 95 99 99-0496	EA	38" To 43" Wide Glass Fireplace Door, 25" To 32" Height Note: Includes 1/4" tempered glass.	1,645.09	78.46
		For Wire Mesh Screen, Add	*96.00*	
		For Wire Mesh Door, Add	*152.00*	
01 95 99 99-0497		**Hand Rails** *(01 95 99 99)*		
01 95 99 99-0498	LF	1-1/2" Diameter, Wood Handrail With Brackets	26.53	5.76
01 95 99 99-0499	LF	1-1/2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	41.98	7.32
		For Galvanized Finish, Add	*7.10*	
01 95 99 99-0500	LF	1-1/2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	55.65	12.20
		For Schedule 80 Handrail, Add	*7.89*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.87*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.81*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-10.31*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-12.18*	
		For Aluminum, Satin Finish, Add	*13.12*	
		For Aluminum, Clear Anodized Finish, Add	*20.31*	
		For Aluminum, Dark Anodized Finish, Add	*23.43*	
		For Galvanizing, Add	*12.50*	
		For Wrought Iron, Add	*5.57*	
		For Solid Steel Rails, Add	*11.13*	
		For 304 Stainless Steel, Add	*99.97*	
		For 316 Stainless Steel, Add	*112.46*	
		For 2" Wheel Guard, Add	*2.97*	
		For 4" High Kick Plate, Add	*3.91*	
		For 6" High Kick Plate, Add	*6.25*	
		For Curved Rail, Add	*26.07*	
		For Mounting On Stairs, Add	*16.70*	
		For Mounting On Slopes, Add	*5.57*	
		For Post Base Flange With Screws, Add Per Post	*19.94*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.16*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*21.72*	
		For Nylon Coating, Add	*4.69*	
01 95 99 99-0501	LF	1-1/2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	63.46	12.20
		For Schedule 80 Handrail, Add	*7.89*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-8.59*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-9.76*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-12.89*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-15.23*	
		For Aluminum, Satin Finish, Add	*16.40*	
		For Aluminum, Clear Anodized Finish, Add	*25.38*	
		For Aluminum, Dark Anodized Finish, Add	*29.29*	
		For Galvanizing, Add	*15.62*	
		For Wrought Iron, Add	*6.35*	
		For Solid Steel Rails, Add	*12.69*	
		For 304 Stainless Steel, Add	*124.96*	
		For 316 Stainless Steel, Add	*140.58*	
		For 2" Wheel Guard, Add	*3.71*	
		For 4" High Kick Plate, Add	*4.88*	
		For 6" High Kick Plate, Add	*7.81*	
		For Curved Rail, Add	*30.75*	
		For Mounting On Stairs, Add	*19.04*	
		For Mounting On Slopes, Add	*6.35*	
		For Post Base Flange With Screws, Add Per Post	*19.94*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.16*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*25.63*	
		For Nylon Coating, Add	*5.86*	
01 95 99 99-0502		**Security Bars** *(01 95 99 99)*		
01 95 99 99-0503	EA	Window Bar Quick Release Kit (Grisham WBQR)	265.65	69.05

01 95 99 99-0504 Residential Sound Improvement Program Assemblies *(01 95 99 99)*

Note: Assemblies are inclusive of all Labor, Equipment, and Materials to Sound insulate residential units as per the LA County RSIP program specifications, scopes of work, and details. Required Incidental engineering, load calculations, and permitting to complete these tasks are also inclusive of these assemblies. The County reserves the right to add or delete individual tasks from these assemblies as deemed necessary based on site specific

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
		conditions.		
01 95 99 99-0505	EA	RSIP Single Family Residence up to 1,000 SF Note: (Up to 12 windows Included)	40,136.40	
01 95 99 99-0506	EA	RSIP Single Family Residence up to 1,500 SF Note: (Up to 15 windows Included)	44,596.00	
01 95 99 99-0507	EA	RSIP Single Family Residence up to 2,000 SF Note: (Up to 20 windows Included)	49,055.60	
01 95 99 99-0508	EA	RSIP Single Family Residence up to 2,500 SF Note: (Up to 22 windows Included)	53,515.20	
01 95 99 99-0509	EA	RSIP Single Family Residence over 2,500 SF Note: (Up to 25 windows Included)	57,974.80	
01 95 99 99-0510	EA	RSIP Multi- Family Residence up to 2 Units Note: (Up to 20 windows Included)	54,630.10	
01 95 99 99-0511	EA	RSIP Multi-Family Residence up to 3 Units Note: (Up to 22 windows Included)	57,974.80	
01 95 99 99-0512	EA	RSIP Multi-Family Residence up to 4 Units Note: (Up to 25 windows Included)	66,336.55	
01 95 99 99-0513	EA	RSIP Apartment studio/1 bedroom Note: (Up to 5 windows Included)	35,676.80	
01 95 99 99-0514	EA	RSIP Apartment 2 bedroom Note: (Up to 8 windows Included)	40,136.40	
01 95 99 99-0515	EA	RSIP Apartment 3+ bedroom Note: (Up to 12 windows Included)	44,596.00	

01 95 99 99-0516 Tenant Temporary In-place And Or Off-site Dwelling Accommodations/Procedures *(01 95 99 99)*

Note: Assemblies are inclusive of all Labor, Equipment, and Materials of tenant displacement and relocation procedures as per the LA County RSIP program specifications, scopes of work, and details. Required Incidental engineering, load calculations, and permitting to complete these tasks are also inclusive of these assemblies. The County reserves the right to add or delete individual tasks from these assemblies as deemed necessary based on site specific conditions.

01 95 99 99-0517	DAY	Tenant Temporary In-place And Or Off-site Dwelling Accommodations/Procedures, Tier 1 (Low) Note: Includes PPE, modular hand washing station, 32 gallon trash container, hand sanitizer dispenser, Owner provided signage & hotline, disinfectant fogging, terry cloth wipes, phone line, COVID-19 monitor, virtual inspection support, daily infrared temperature readings and logs	3,285.38	
		For Virtual Inspection Support > 5 Units, Add Per Each Additional Unit	*320.00*	
01 95 99 99-0518	DAY	Tenant Temporary In-place And Or Off-site Dwelling Accommodations/Procedures, Tier 2 (Moderate) Note: Includes PPE, modular hand washing station, 32 gallon trash containers, hand sanitizer dispenser, Owner provided signage & hotline, air scrubber, plastic barriers, disinfectant fogging, terry cloth wipes, phone line, COVID-19 monitor, virtual inspection support, daily infrared temperature readings and logs	4,262.49	
		For Virtual Inspection Support > 5 Units, Add Per Each Additional Unit	*320.00*	
01 95 99 99-0519	DAY	Tenant Temporary In-place And Or Off-site Dwelling Accommodations/Procedures, Tier 3 (High) Note: Includes PPE with Type B hazmat suites, modular hand washing station, 32 gallon trash containers, hand sanitizer dispenser, Owner provided signage & hotline, disinfectant fogging, air scrubber, plastic barriers, phone line, tent & set-up, tables, folding chairs, Wifi hotspot provision, 8' x 8' x 20' storage container, COVID-19 monitor, virtual inspection support, daily infrared temperature readings and logs	6,734.13	
		For Virtual Inspection Support > 5 Units, Add Per Each Additional Unit	*320.00*	

END OF SECTION 01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

02 Existing Conditions

02 20 Assessment *(02)*

02 25 Existing Material Assessment *(02 20)*

02 25 16 Existing Concrete, Masonry or Asphalt Assessment *(02 25)*

See CSI section 01 71 36 00-0000 for non-destructive concrete examination.

02 25 16 13 Concrete Assessment Drilling *(02 25 16)*

See CSI section 01 71 36 00-0000 for non-destructive concrete examination.

02 40 Demolition and Structure Moving *(02)*

02 41 Demolition *(02 40)*

02 41 13 Selective Site Demolition *(02 41)*

02 41 13 13 Paving Removal *(02 41 13)*

02 41 13 13-0001 By Machine, Break-up And Leave In Place Bituminous And Concrete Paving *(02 41 13 13)*

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles. These tasks are not to be used in conjunction with any other loading activities or other break-up tasks. Excludes saw cutting (where required) and disposal. See CSI section 02 41 13 13-0018 for breaking-up, removal and loading as a combined operation, 02 41 19 13-0057 for saw cutting.

02 41 13 13-0002	SY	Up To 3" By Machine, Break-up And Leave In Place Bituminous Paving	8.56	
		For >500 To 1,000, Deduct	*-0.86*	
		For >1,000 To 2,500, Deduct	*-1.54*	
		For >2,500 To 5,000, Deduct	*-2.23*	
		For >5,000 To 10,000, Deduct	*-2.91*	
		For >10,000, Deduct	*-3.60*	
02 41 13 13-0003	SY	>3" To 6" By Machine, Break-up And Leave In Place Bituminous Paving	12.84	
		For >500 To 1,000, Deduct	*-1.28*	
		For >1,000 To 2,500, Deduct	*-2.31*	
		For >2,500 To 5,000, Deduct	*-3.34*	
		For >5,000 To 10,000, Deduct	*-4.37*	
		For >10,000, Deduct	*-5.39*	
02 41 13 13-0004	SY	>6" To 9" By Machine, Break-up And Leave In Place Bituminous Paving	17.12	
		For >500 To 1,000, Deduct	*-1.71*	
		For >1,000 To 2,500, Deduct	*-3.08*	
		For >2,500 To 5,000, Deduct	*-4.45*	
		For >5,000 To 10,000, Deduct	*-5.82*	
		For >10,000, Deduct	*-7.19*	
02 41 13 13-0005	SY	Up To 3" By Machine, Break-up And Leave In Place Concrete Paving	16.18	
		For >500 To 1,000, Deduct	*-1.62*	
		For >1,000 To 2,500, Deduct	*-2.91*	
		For >2,500 To 5,000, Deduct	*-4.21*	
		For >5,000 To 10,000, Deduct	*-5.50*	
		For >10,000, Deduct	*-6.80*	
02 41 13 13-0006	SY	>3" To 6" By Machine, Break-up And Leave In Place Concrete Paving	22.84	
		For >500 To 1,000, Deduct	*-2.28*	
		For >1,000 To 2,500, Deduct	*-4.11*	
		For >2,500 To 5,000, Deduct	*-5.94*	
		For >5,000 To 10,000, Deduct	*-7.77*	
		For >10,000, Deduct	*-9.59*	
02 41 13 13-0007	SY	>6" To 9" By Machine, Break-up And Leave In Place Concrete Paving	32.36	
		For >500 To 1,000, Deduct	*-3.24*	
		For >1,000 To 2,500, Deduct	*-5.82*	
		For >2,500 To 5,000, Deduct	*-8.41*	
		For >5,000 To 10,000, Deduct	*-11.00*	
		For >10,000, Deduct	*-13.59*	
02 41 13 13-0008	SY	>9" To 14" By Machine, Break-up And Leave In Place Concrete Paving	45.68	
		For >500 To 1,000, Deduct	*-4.57*	
		For >1,000 To 2,500, Deduct	*-8.22*	
		For >2,500 To 5,000, Deduct	*-11.88*	
		For >5,000 To 10,000, Deduct	*-15.53*	
		For >10,000, Deduct	*-19.19*	
02 41 13 13-0009	SY	>14" To 19" By Machine, Break-up And Leave In Place Concrete Paving	59.73	
		For >500 To 1,000, Deduct	*-5.97*	
		For >1,000 To 2,500, Deduct	*-10.75*	
		For >2,500 To 5,000, Deduct	*-15.53*	
		For >5,000 To 10,000, Deduct	*-20.31*	
		For >10,000, Deduct	*-25.09*	
02 41 13 13-0010	SY	>19" To 24" By Machine, Break-up And Leave In Place Concrete Paving	77.66	
		For >500 To 1,000, Deduct	*-7.77*	
		For >1,000 To 2,500, Deduct	*-13.98*	
		For >2,500 To 5,000, Deduct	*-20.19*	
		For >5,000 To 10,000, Deduct	*-26.40*	
		For >10,000, Deduct	*-32.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

02 41 13 13-0011 By Hand, Break-up And Leave In Place Bituminous And Concrete Paving *(02 41 13 13)*

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles with jackhammer and hand tools. For individual work areas where conventional equipment access is limited or prohibited. Task is only to be used when requested by owner. These tasks are not to be used in conjunction with any other loading activities or other break-up tasks. Excludes saw cutting (where required) and disposal. See CSI section 02 41 13 13-0037 for breaking-up, removal and loading as a combined operation, 02 41 19 13-0057 for saw cutting.

02 41 13 13-0012	SF	Up To 3" By Hand, Break-up And Leave In Place Bituminous Paving	2.15	
02 41 13 13-0013	SF	>3" To 6" By Hand, Break-up And Leave In Place Bituminous Paving	2.73	
02 41 13 13-0014	SF	>6" To 9" By Hand, Break-up And Leave In Place Bituminous Paving	3.61	
02 41 13 13-0015	SF	Up To 3" By Hand, Break-up And Leave In Place Concrete Paving	2.70	
02 41 13 13-0016	SF	>3" To 6" By Hand, Break-up And Leave In Place Concrete Paving	3.43	
02 41 13 13-0017	SF	>6" To 9" By Hand, Break-up And Leave In Place Concrete Paving	4.52	

02 41 13 13-0018 By Machine, Break-up And Remove Bituminous And Concrete Paving *(02 41 13 13)*

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles, breaking into manageable sizes by machine and loading into truck, dumpster or moving material to stockpile. Removal depth to include base aggregate. Excludes saw cutting (where required) and disposal. See CSI section 02 41 19 13-0057 for saw cutting.

02 41 13 13-0019	SY	Up To 3" By Machine, Break-up And Remove Bituminous Paving	18.06	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add Note: (Around Existing Structures And Obstructions), Add	*5.42*	
		For Elevated Slab, Add	*9.03*	
		For >500 To 1,000, Deduct	*-1.81*	
		For >1,000 To 2,500, Deduct	*-3.25*	
		For >2,500 To 5,000, Deduct	*-4.70*	
		For >5,000 To 10,000, Deduct	*-6.14*	
		For >10,000, Deduct	*-7.59*	
02 41 13 13-0020	SY	>3" To 6" By Machine, Break-up And Remove Bituminous Paving	24.65	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add Note: (Around Existing Structures And Obstructions), Add	*7.40*	
		For Elevated Slab, Add	*12.33*	
		For >500 To 1,000, Deduct	*-2.47*	
		For >1,000 To 2,500, Deduct	*-4.44*	
		For >2,500 To 5,000, Deduct	*-6.41*	
		For >5,000 To 10,000, Deduct	*-8.38*	
		For >10,000, Deduct	*-10.35*	
02 41 13 13-0021	SY	>6" To 9" By Machine, Break-up And Remove Bituminous Paving	34.20	
		For Elevated Slab, Add	*17.10*	
		For >500 To 1,000, Deduct	*-3.42*	
		For >1,000 To 2,500, Deduct	*-6.16*	
		For >2,500 To 5,000, Deduct	*-8.89*	
		For >5,000 To 10,000, Deduct	*-11.63*	
		For >10,000, Deduct	*-14.36*	
02 41 13 13-0022	SY	>9" To 12" By Machine, Break-up And Remove Bituminous Paving	44.64	
		For Elevated Slab, Add	*22.32*	
		For >500 To 1,000, Deduct	*-4.46*	
		For >1,000 To 2,500, Deduct	*-8.04*	
		For >2,500 To 5,000, Deduct	*-11.61*	
		For >5,000 To 10,000, Deduct	*-15.18*	
		For >10,000, Deduct	*-18.75*	
02 41 13 13-0023	SY	>12" To 15" By Machine, Break-up And Remove Bituminous Paving	62.12	
		For Elevated Slab, Add	*31.06*	
		For >500 To 1,000, Deduct	*-6.21*	
		For >1,000 To 2,500, Deduct	*-11.18*	
		For >2,500 To 5,000, Deduct	*-16.15*	
		For >5,000 To 10,000, Deduct	*-21.12*	
		For >10,000, Deduct	*-26.09*	
02 41 13 13-0024	SY	Up To 3" By Machine, Break-up And Remove Non-Reinforced Concrete Paving	20.78	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add Note: (Around Existing Structures And Obstructions), Add	*6.23*	
		For Elevated Slab, Add	*10.39*	
		For >500 To 1,000, Deduct	*-2.08*	
		For >1,000 To 2,500, Deduct	*-3.74*	
		For >2,500 To 5,000, Deduct	*-5.40*	
		For >5,000 To 10,000, Deduct	*-7.07*	
		For >10,000, Deduct	*-8.73*	
02 41 13 13-0025	SY	>3" To 6" By Machine, Break-up And Remove Non-Reinforced Concrete Paving	27.18	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add Note: (Around Existing Structures And Obstructions), Add	*8.15*	
		For Elevated Slab, Add	*13.59*	
		For >500 To 1,000, Deduct	*-2.72*	
		For >1,000 To 2,500, Deduct	*-4.89*	
		For >2,500 To 5,000, Deduct	*-7.07*	
		For >5,000 To 10,000, Deduct	*-9.24*	
		For >10,000, Deduct	*-11.42*	
02 41 13 13-0026	SY	>6" To 9" By Machine, Break-up And Remove Non-Reinforced Concrete Paving	48.54	
		For Elevated Slab, Add	*24.27*	
		For >500 To 1,000, Deduct	*-4.85*	
		For >1,000 To 2,500, Deduct	*-8.74*	
		For >2,500 To 5,000, Deduct	*-12.62*	
		For >5,000 To 10,000, Deduct	*-16.50*	
		For >10,000, Deduct	*-20.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13 13-0027	SY	>9" To 14" By Machine, Break-up And Remove Non-Reinforced Concrete Paving	63.41	
		For Elevated Slab, Add	*31.71*	
		For >500 To 1,000, Deduct	*-6.34*	
		For >1,000 To 2,500, Deduct	*-11.41*	
		For >2,500 To 5,000, Deduct	*-16.49*	
		For >5,000 To 10,000, Deduct	*-21.56*	
		For >10,000, Deduct	*-26.63*	
02 41 13 13-0028	SY	Up To 3" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving	27.56	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*8.27*	
		Note: (Around Existing Structures And Obstructions), Add		
		For Elevated Slab, Add	*13.78*	
		For >500 To 1,000, Deduct	*-2.76*	
		For >1,000 To 2,500, Deduct	*-4.96*	
		For >2,500 To 5,000, Deduct	*-7.17*	
		For >5,000 To 10,000, Deduct	*-9.37*	
		For >10,000, Deduct	*-11.58*	
02 41 13 13-0029	SY	>3" To 6" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving	35.72	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*10.72*	
		Note: (Around Existing Structures And Obstructions), Add		
		For Elevated Slab, Add	*17.86*	
		For >500 To 1,000, Deduct	*-3.57*	
		For >1,000 To 2,500, Deduct	*-6.43*	
		For >2,500 To 5,000, Deduct	*-9.29*	
		For >5,000 To 10,000, Deduct	*-12.14*	
		For >10,000, Deduct	*-15.00*	
02 41 13 13-0030	SY	>6" To 9" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving	59.22	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*17.77*	
		Note: (Around Existing Structures And Obstructions), Add		
		For Elevated Slab, Add	*29.61*	
		For >500 To 1,000, Deduct	*-5.92*	
		For >1,000 To 2,500, Deduct	*-10.66*	
		For >2,500 To 5,000, Deduct	*-15.40*	
		For >5,000 To 10,000, Deduct	*-20.13*	
		For >10,000, Deduct	*-24.87*	
02 41 13 13-0031	SY	Up To 3" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	29.90	
		For Elevated Slab, Add	*14.95*	
		For >500 To 1,000, Deduct	*-2.99*	
		For >1,000 To 2,500, Deduct	*-5.38*	
		For >2,500 To 5,000, Deduct	*-7.77*	
		For >5,000 To 10,000, Deduct	*-10.17*	
		For >10,000, Deduct	*-12.56*	
02 41 13 13-0032	SY	>3" To 6" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	38.44	
		For Elevated Slab, Add	*19.22*	
		For >500 To 1,000, Deduct	*-3.84*	
		For >1,000 To 2,500, Deduct	*-6.92*	
		For >2,500 To 5,000, Deduct	*-9.99*	
		For >5,000 To 10,000, Deduct	*-13.07*	
		For >10,000, Deduct	*-16.14*	
02 41 13 13-0033	SY	>6" To 9" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	68.72	
		For Elevated Slab, Add	*34.36*	
		For >500 To 1,000, Deduct	*-6.87*	
		For >1,000 To 2,500, Deduct	*-12.37*	
		For >2,500 To 5,000, Deduct	*-17.87*	
		For >5,000 To 10,000, Deduct	*-23.36*	
		For >10,000, Deduct	*-28.86*	
02 41 13 13-0034	SY	>9" To 14" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	89.69	
		For Elevated Slab, Add	*44.85*	
		For >500 To 1,000, Deduct	*-8.97*	
		For >1,000 To 2,500, Deduct	*-16.14*	
		For >2,500 To 5,000, Deduct	*-23.32*	
		For >5,000 To 10,000, Deduct	*-30.49*	
		For >10,000, Deduct	*-37.67*	
02 41 13 13-0035	SY	>14" To 19" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	117.26	
		For Elevated Slab, Add	*58.63*	
		For >500 To 1,000, Deduct	*-11.73*	
		For >1,000 To 2,500, Deduct	*-21.11*	
		For >2,500 To 5,000, Deduct	*-30.49*	
		For >5,000 To 10,000, Deduct	*-39.87*	
		For >10,000, Deduct	*-49.25*	
02 41 13 13-0036	SY	>19" To 24" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	142.31	
		For Elevated Slab, Add	*71.16*	
		For >500 To 1,000, Deduct	*-14.23*	
		For >1,000 To 2,500, Deduct	*-25.62*	
		For >2,500 To 5,000, Deduct	*-37.00*	
		For >5,000 To 10,000, Deduct	*-48.39*	
		For >10,000, Deduct	*-59.77*	

02 41 13 13-0037 By Hand, Break-up And Remove Bituminous And Concrete Paving *(02 41 13 13)*

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles. Work includes breaking into manageable size with jackhammer and hand tools, removal and loading onto a truck or dumpster. For individual work areas where conventional equipment access is limited or prohibited. Task is only to be used when requested by owner. Removal depth to include base aggregate. Excludes saw cutting (where required) and disposal. See CSI section 02 41 19 13-0057 for saw cutting.

02 41 13 13-0038	SF	Up To 3" By Hand, Break-up And Remove Bituminous Paving	4.81	
02 41 13 13-0039	SF	>3" To 6" By Hand, Break-up And Remove Bituminous Paving	6.33	
02 41 13 13-0040	SF	>6" To 9" By Hand, Break-up And Remove Bituminous Paving	8.23	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13 13-0041	SF	Up To 3" By Hand, Break-up And Remove Concrete Paving	6.01	
02 41 13 13-0042	SF	>3" To 6" By Hand, Break-up And Remove Concrete Paving	8.31	
02 41 13 13-0043	SF	>6" To 9" By Hand, Break-up And Remove Concrete Paving	10.64	
02 41 13 13-0044	SF	Up To 3" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving	8.42	
02 41 13 13-0045	SF	>3" To 6" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving	11.62	
02 41 13 13-0046	SF	>6" To 9" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving	14.88	

02 41 13 13-0047 Grind Concrete *(02 41 13 13)*

02 41 13 13-0048	EA	Grind Existing Sidewalks, Up To 1/2" Depth, To Remove Ridges (Tripping Hazard) Note: For each location up to 5' wide, feather up to 12" each direction.	227.11	
		For >1/2" To 1" Depth Of Grinding, Add	*34.07*	
		For >1" To 1-1/2" Depth Of Grinding, Add	*56.78*	
		For Up To 5, Add	*45.42*	
		For >5 To 10, Add	*22.71*	
		For >25 To 50, Deduct	*-22.71*	
		For >50 To 250, Deduct	*-34.07*	
		For >250, Deduct	*-45.42*	
		For Sidewalks >5', Add	*22.71*	
		For Up To 12" Additional Feathering Per Side, Add	*22.71*	

02 41 13 15 Hydro Demolition *(02 41 13)*

02 41 13 15-0001 Hydro Demolition Of Concrete Pavement *(02 41 13 15)*

Note: Includes removal but excludes disposal of concrete.

02 41 13 15-0002	SF	Up To 2" Depth, Hydro Demolition, Using 40,000 PSI Water Jet	9.05	
02 41 13 15-0003	SF	>2" To 4" Depth, Hydro Demolition, Using 40,000 PSI Water Jet	11.30	
02 41 13 15-0004	SF	>4" To 6" Depth, Hydro Demolition, Using 40,000 PSI Water Jet	15.12	
02 41 13 15-0005	SF	>6" To 8" Depth, Hydro Demolition, Using 40,000 PSI Water Jet	30.11	

02 41 16 Structure Demolition *(02 41)*

02 41 16 13 Building Demolition *(02 41 16)*

02 41 16 13-0001 Building Interior Demolition *(02 41 16 13)*

Note: Gutted and placed in truck or dumpsters. Based on overall floor area square foot or Gross Square Foot (GSF) including flooring under interior demolished walls. Includes all soft stripping of materials (doors and frames, non-load bearing walls, carpet, moldings, drywall, tile, ceiling, ductwork, piping, light fixtures, etc.), accessible mechanical, electrical, plumbing, overhead sprinkler, fire protection and similar systems. Excludes lead, asbestos or other contaminates or load bearing walls, mechanical, plumbing or electrical equipment such as furnaces, water heaters, plumbing fixtures, sump pumps, switchgear or panel boards. Excludes hauling, dump fees, recycling charges, and/or salvage value.

02 41 16 13-0002	GSF	Residential Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck	9.44
02 41 16 13-0003	GSF	Up To 2,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck	14.27
02 41 16 13-0004	GSF	>2,000 To 10,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck	11.68
02 41 16 13-0005	GSF	>10,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck	10.39

02 41 16 13-0006 Commercial And Residential Structures Demolition *(02 41 16 13)*

Note: Complete demolition of structures. Includes site and building safety preparation, signage, dust control, scattered debris and other site cleanup, demolition equipment, and repair of any damaged adjacent property. Excludes (if required) utility disconnects and capping, underground or above ground storage tank removal, adjacent property protection, adjacent property cleanup, adjacent property work, site paving (asphalt or concrete), recycling fees, gutting/soft stripping (selective removal of materials for reuse) of building, site security, hazardous material abatement (including lead, asbestos, and PCBs), surveys, clearing and grubbing of site, cranes, traffic control, elevator removal, major mechanical equipment such as boilers, chillers, cooling towers, Etc., excavation or backfill, foundations, basement floor, slab-on grade, temporary fencing (installation and removal), hauling, disposal and dump fees for all debris (site and building), earthwork and erosion control. Pricing is by Hundred Cubic Foot (CCF) of complete building volume being demolished. For computing building volume, height is computed at actual floor-to-floor dimensions with attic and basement each computed at half-height, width and length are actual dimensions. Excludes salvage value.

02 41 16 13-0007 Wood Frame Construction Building Demolition *(02 41 16 13-0006)*

02 41 16 13-0008	CCF	By Pneumatic Tools/Hand, Wood Frame Construction Building Demolition	66.48	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	*-4.99*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	*-9.97*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	*-14.96*	
		For Up To 500, Add	*19.94*	
		For >500 To 1,000, Add	*13.30*	
		For >1,000 To 2,000, Add	*6.65*	
		For Volume Of Area Within 15' To An Adjacent Building, Add	*21.94*	
		For No Interior Partitions, Deduct	*-16.62*	
02 41 16 13-0009	CCF	By Machine, Wood Frame Construction Building Demolition	41.89	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	*-3.14*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	*-6.28*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	*-9.43*	
		For Up To 500, Add	*12.57*	
		For >500 To 1,000, Add	*8.38*	
		For >1,000 To 2,000, Add	*4.19*	
		For Work >3 Stories To 6 Stories (Exclude Volume Below), Add	*6.28*	
		For Volume Of Area Within 15' To An Adjacent Building, Add	*13.82*	
		For No Interior Partitions, Deduct	*-10.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

02 41 16 13-0010 Foundation Demolition *(02 41 16 13)*

Note: Excludes earthwork.

02 41 16 13-0011 Concrete Foundation Demolition *(02 41 16 13-0010)*

02 41 16 13-0012	CF	Non-Reinforced Concrete Foundation Demolition	17.75	
		For >135 To 405, Deduct		*-1.55*
		For >405 To 810, Deduct		*-3.11*
		For >810 To 2025, Deduct		*-4.44*
		For >2025, Deduct		*-7.10*
02 41 16 13-0013	CF	Reinforced Concrete Foundation Demolition	21.30	
		For >135 To 405, Deduct		*-1.86*
		For >405 To 810, Deduct		*-3.73*
		For >810 To 2025, Deduct		*-5.33*
		For >2025, Deduct		*-8.52*

02 41 16 13-0014 Concrete Foundation Wall Demolition *(02 41 16 13-0010)*

02 41 16 13-0015	SF	4" Thick Non-Reinforced Concrete Foundation Wall Demolition	7.61	
		For >500 To 2,000, Deduct		*-0.57*
		For >2,000 To 6,000, Deduct		*-1.52*
		For >6,000 To 8,000, Deduct		*-2.66*
		For >8,000, Deduct		*-4.19*
02 41 16 13-0016	SF	6" Thick Non-Reinforced Concrete Foundation Wall Demolition	10.14	
		For >500 To 2,000, Deduct		*-0.76*
		For >2,000 To 6,000, Deduct		*-2.03*
		For >6,000 To 8,000, Deduct		*-3.55*
		For >8,000, Deduct		*-5.58*
02 41 16 13-0017	SF	8" Thick Non-Reinforced Concrete Foundation Wall Demolition	12.68	
		For >500 To 2,000, Deduct		*-0.95*
		For >2,000 To 6,000, Deduct		*-2.54*
		For >6,000 To 8,000, Deduct		*-4.44*
		For >8,000, Deduct		*-6.97*
02 41 16 13-0018	SF	10" Thick Non-Reinforced Concrete Foundation Wall Demolition	15.21	
		For >500 To 2,000, Deduct		*-1.14*
		For >2,000 To 6,000, Deduct		*-3.04*
		For >6,000 To 8,000, Deduct		*-5.32*
		For >8,000, Deduct		*-8.37*
02 41 16 13-0019	SF	12" Thick Non-Reinforced Concrete Foundation Wall Demolition	17.75	
		For >500 To 2,000, Deduct		*-1.33*
		For >2,000 To 6,000, Deduct		*-3.55*
		For >6,000 To 8,000, Deduct		*-6.21*
		For >8,000, Deduct		*-9.76*
02 41 16 13-0020	SF	16" Thick Non-Reinforced Concrete Foundation Wall Demolition	20.29	
		For >500 To 2,000, Deduct		*-1.52*
		For >2,000 To 6,000, Deduct		*-4.06*
		For >6,000 To 8,000, Deduct		*-7.10*
		For >8,000, Deduct		*-11.16*
02 41 16 13-0021	SF	4" Thick Reinforced Concrete Foundation Wall Demolition	9.13	
		For >500 To 2,000, Deduct		*-0.68*
		For >2,000 To 6,000, Deduct		*-1.83*
		For >6,000 To 8,000, Deduct		*-3.20*
		For >8,000, Deduct		*-5.02*
02 41 16 13-0022	SF	6" Thick Reinforced Concrete Foundation Wall Demolition	12.17	
		For >500 To 2,000, Deduct		*-0.91*
		For >2,000 To 6,000, Deduct		*-2.43*
		For >6,000 To 8,000, Deduct		*-4.26*
		For >8,000, Deduct		*-6.69*
02 41 16 13-0023	SF	8" Thick Reinforced Concrete Foundation Wall Demolition	15.21	
		For >500 To 2,000, Deduct		*-1.14*
		For >2,000 To 6,000, Deduct		*-3.04*
		For >6,000 To 8,000, Deduct		*-5.32*
		For >8,000, Deduct		*-8.37*
02 41 16 13-0024	SF	10" Thick Reinforced Concrete Foundation Wall Demolition	18.01	
		For >500 To 2,000, Deduct		*-1.35*
		For >2,000 To 6,000, Deduct		*-3.60*
		For >6,000 To 8,000, Deduct		*-6.30*
		For >8,000, Deduct		*-9.91*
02 41 16 13-0025	SF	12" Thick Reinforced Concrete Foundation Wall Demolition	21.30	
		For >500 To 2,000, Deduct		*-1.60*
		For >2,000 To 6,000, Deduct		*-4.26*
		For >6,000 To 8,000, Deduct		*-7.46*
		For >8,000, Deduct		*-11.72*
02 41 16 13-0026	SF	16" Thick Reinforced Concrete Foundation Wall Demolition	24.34	
		For >500 To 2,000, Deduct		*-1.83*
		For >2,000 To 6,000, Deduct		*-4.87*
		For >6,000 To 8,000, Deduct		*-8.52*
		For >8,000, Deduct		*-13.39*

02 41 16 13-0027 Concrete Block Foundation Wall Demolition *(02 41 16 13-0010)*

02 41 16 13-0028	SF	4" Thick Non-Reinforced Concrete Block Foundation Wall Demolition	5.58	
		For >500 To 2,000, Deduct		*-0.42*
		For >2,000 To 6,000, Deduct		*-1.12*
		For >6,000 To 8,000, Deduct		*-1.95*
		For >8,000, Deduct		*-3.07*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0029	SF	6" Thick Non-Reinforced Concrete Block Foundation Wall Demolition		5.96
		For >500 To 2,000, Deduct		*-0.45*
		For >2,000 To 6,000, Deduct		*-1.19*
		For >6,000 To 8,000, Deduct		*-2.09*
		For >8,000, Deduct		*-3.28*
02 41 16 13-0030	SF	8" Thick Non-Reinforced Concrete Block Foundation Wall Demolition		6.72
		For >500 To 2,000, Deduct		*-0.50*
		For >2,000 To 6,000, Deduct		*-1.34*
		For >6,000 To 8,000, Deduct		*-2.35*
		For >8,000, Deduct		*-3.70*
02 41 16 13-0031	SF	10" Thick Non-Reinforced Concrete Block Foundation Wall Demolition		7.73
		For >500 To 2,000, Deduct		*-0.58*
		For >2,000 To 6,000, Deduct		*-1.55*
		For >6,000 To 8,000, Deduct		*-2.71*
		For >8,000, Deduct		*-4.25*
02 41 16 13-0032	SF	12" Thick Non-Reinforced Concrete Block Foundation Wall Demolition		8.62
		For >500 To 2,000, Deduct		*-0.65*
		For >2,000 To 6,000, Deduct		*-1.72*
		For >6,000 To 8,000, Deduct		*-3.02*
		For >8,000, Deduct		*-4.74*
02 41 16 13-0033	SF	16" Thick Non-Reinforced Concrete Block Foundation Wall Demolition		10.77
		For >500 To 2,000, Deduct		*-0.81*
		For >2,000 To 6,000, Deduct		*-2.15*
		For >6,000 To 8,000, Deduct		*-3.77*
		For >8,000, Deduct		*-5.92*
02 41 16 13-0034	SF	4" Thick Reinforced Concrete Block Foundation Wall Demolition		6.69
		For >500 To 2,000, Deduct		*-0.50*
		For >2,000 To 6,000, Deduct		*-1.34*
		For >6,000 To 8,000, Deduct		*-2.34*
		For >8,000, Deduct		*-3.68*
02 41 16 13-0035	SF	6" Thick Reinforced Concrete Block Foundation Wall Demolition		7.16
		For >500 To 2,000, Deduct		*-0.54*
		For >2,000 To 6,000, Deduct		*-1.43*
		For >6,000 To 8,000, Deduct		*-2.51*
		For >8,000, Deduct		*-3.94*
02 41 16 13-0036	SF	8" Thick Reinforced Concrete Block Foundation Wall Demolition		8.07
		For >500 To 2,000, Deduct		*-0.61*
		For >2,000 To 6,000, Deduct		*-1.61*
		For >6,000 To 8,000, Deduct		*-2.82*
		For >8,000, Deduct		*-4.44*
02 41 16 13-0037	SF	10" Thick Reinforced Concrete Block Foundation Wall Demolition		9.29
		For >500 To 2,000, Deduct		*-0.70*
		For >2,000 To 6,000, Deduct		*-1.86*
		For >6,000 To 8,000, Deduct		*-3.25*
		For >8,000, Deduct		*-5.11*
02 41 16 13-0038	SF	12" Thick Reinforced Concrete Block Foundation Wall Demolition		10.35
		For >500 To 2,000, Deduct		*-0.78*
		For >2,000 To 6,000, Deduct		*-2.07*
		For >6,000 To 8,000, Deduct		*-3.62*
		For >8,000, Deduct		*-5.69*
02 41 16 13-0039	SF	16" Thick Reinforced Concrete Block Foundation Wall Demolition		12.94
		For >500 To 2,000, Deduct		*-0.97*
		For >2,000 To 6,000, Deduct		*-2.59*
		For >6,000 To 8,000, Deduct		*-4.53*
		For >8,000, Deduct		*-7.12*

02 41 16 13-0040 Brick Foundation Wall Demolition *(02 41 16 13-0010)*

02 41 16 13-0041	SF	4" Thick Brick Foundation Wall Demolition		5.58
		For >500 To 2,000, Deduct		*-0.42*
		For >2,000 To 6,000, Deduct		*-1.12*
		For >6,000 To 8,000, Deduct		*-1.95*
		For >8,000, Deduct		*-3.07*
02 41 16 13-0042	SF	6" Thick Brick Foundation Wall Demolition		5.96
		For >500 To 2,000, Deduct		*-0.45*
		For >2,000 To 6,000, Deduct		*-1.19*
		For >6,000 To 8,000, Deduct		*-2.09*
		For >8,000, Deduct		*-3.28*
02 41 16 13-0043	SF	8" Thick Brick Foundation Wall Demolition		6.72
		For >500 To 2,000, Deduct		*-0.50*
		For >2,000 To 6,000, Deduct		*-1.34*
		For >6,000 To 8,000, Deduct		*-2.35*
		For >8,000, Deduct		*-3.70*
02 41 16 13-0044	SF	10" Thick Brick Foundation Wall Demolition		7.73
		For >500 To 2,000, Deduct		*-0.58*
		For >2,000 To 6,000, Deduct		*-1.55*
		For >6,000 To 8,000, Deduct		*-2.71*
		For >8,000, Deduct		*-4.25*
02 41 16 13-0045	SF	12" Thick Brick Foundation Wall Demolition		8.62
		For >500 To 2,000, Deduct		*-0.65*
		For >2,000 To 6,000, Deduct		*-1.72*
		For >6,000 To 8,000, Deduct		*-3.02*
		For >8,000, Deduct		*-4.74*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0046	SF	16" Thick Brick Foundation Wall Demolition	10.77	
		For >500 To 2,000, Deduct	*-0.81*	
		For >2,000 To 6,000, Deduct	*-2.15*	
		For >6,000 To 8,000, Deduct	*-3.77*	
		For >8,000, Deduct	*-5.92*	

02 41 16 13-0047 Stone Foundation Demolition *(02 41 16 13-0010)*

02 41 16 13-0048	CF	Stone Footing Or Foundation Wall Demolition	17.75	
		For >135 To 405, Deduct	*-1.55*	
		For >405 To 810, Deduct	*-3.11*	
		For >810 To 2025, Deduct	*-4.44*	
		For >2025, Deduct	*-7.10*	

02 41 16 13-0049 Other Foundation Demolition *(02 41 16 13-0010)*

02 41 16 13-0050	CF	Concrete Footing Demolition For Fence, Gate Or Playground Equipment Post, etc. Note: Includes excavation.	18.50	
		For >135 To 405, Deduct	*-1.62*	
		For >405 To 810, Deduct	*-3.24*	
		For >810 To 2025, Deduct	*-4.63*	
		For >2025, Deduct	*-7.40*	

02 41 19 Selective Demolition *(02 41)*

02 41 19 13 Selective Building Demolition *(02 41 19)*

02 41 19 13-0001 Exterior Masonry Removal *(02 41 19 13)*

02 41 19 13-0002 Masonry Columns Removal (Interior And Exterior) *(02 41 19 13-0001)*

02 41 19 13-0003	VLF	8" x 8" Masonry Column Removal	17.51	
02 41 19 13-0004	VLF	10" x 10" Masonry Column Removal	27.35	
02 41 19 13-0005	VLF	12" x 12" Masonry Column Removal	35.05	
02 41 19 13-0006	VLF	14" x 14" Masonry Column Removal	43.87	
02 41 19 13-0007	VLF	16" x 16" Masonry Column Removal	53.89	
02 41 19 13-0008	CF	Masonry Column Removal, Per CF Of Masonry Removed; For Other Sizes Over 16" Square	30.27	

02 41 19 13-0009 Masonry Chimney Removal *(02 41 19 13-0001)*

02 41 19 13-0010	CF	Up To 3 CF/VLF Chimney Removal, Per CF Of Masonry Removed	35.50	
02 41 19 13-0011	CF	>3 To 10 CF/VLF Chimney Removal, Per CF Of Masonry Removed	26.66	
02 41 19 13-0012	CF	>10 To 20 CF/VLF Chimney Removal, Per CF Of Masonry Removed	20.39	
02 41 19 13-0013	CF	>20 CF/VLF Chimney Removal, Per CF Of Masonry Removed	14.13	

02 41 19 13-0014 Remove And Reset Precast, Stone Or Masonry Coping *(02 41 19 13-0001)*

Note: Includes removing, cleaning, and resetting coping with new ties and mortar. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0057 for saw cutting.

02 41 19 13-0015	LF	Up To 8" Wide, Remove And Reset Precast, Stone Or Masonry Coping	21.99	
02 41 19 13-0016	LF	>8" To 12" Wide, Remove And Reset Precast, Stone Or Masonry Coping	32.92	
02 41 19 13-0017	LF	>12" To 24" Wide, Remove And Reset Precast, Stone Or Masonry Coping	62.94	

02 41 19 13-0018 Facade Removal *(02 41 19 13-0001)*

Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0057 for saw cutting.

02 41 19 13-0019	SF	Stone Or Brick Veneer Facade Removal	6.66	
		For Cleaning and Storage For Reuse, Add	*9.99*	

02 41 19 13-0020 Exterior Masonry Removal *(02 41 19 13-0001)*

Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Salvage modifier includes removing mortar, scraping, cleaning, placement on pallets and storage on site. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0057 for saw cutting.

02 41 19 13-0021	SF	Demolish 4" Thick Non-Reinforced Concrete Block Exterior Wall	5.87	
02 41 19 13-0022	SF	Demolish 6" Thick Non-Reinforced Concrete Block Exterior Wall	6.61	
02 41 19 13-0023	SF	Demolish 8" Thick Non-Reinforced Concrete Block Exterior Wall	7.99	
02 41 19 13-0024	SF	Demolish 10" Thick Non-Reinforced Concrete Block Exterior Wall	8.74	
02 41 19 13-0025	SF	Demolish 12" Thick Non-Reinforced Concrete Block Exterior Wall	9.60	
02 41 19 13-0026	SF	Demolish 16" Thick Non-Reinforced Concrete Block Exterior Wall	12.01	
02 41 19 13-0027	SF	Demolish 4" Thick Reinforced Concrete Block Exterior Wall	6.93	
02 41 19 13-0028	SF	Demolish 6" Thick Reinforced Concrete Block Exterior Wall	7.93	
02 41 19 13-0029	SF	Demolish 8" Thick Reinforced Concrete Block Exterior Wall	9.60	
02 41 19 13-0030	SF	Demolish 10" Thick Reinforced Concrete Block Exterior Wall	10.49	
02 41 19 13-0031	SF	Demolish 12" Thick Reinforced Concrete Block Exterior Wall	11.52	
02 41 19 13-0032	SF	Demolish 16" Thick Reinforced Concrete Block Exterior Wall	14.40	
02 41 19 13-0033	SF	Demolish 4" Thick Brick Exterior Wall	5.87	
		For Cleaning and Storage For Reuse, Add	*8.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0034	SF	Demolish 6" Thick Brick Exterior Wall		6.61
		For Cleaning and Storage For Reuse, Add	*9.92*	
02 41 19 13-0035	SF	Demolish 8" Thick Brick Exterior Wall		7.99
		For Cleaning and Storage For Reuse, Add	*11.99*	
02 41 19 13-0036	SF	Demolish 10" Thick Brick Exterior Wall		8.74
		For Cleaning and Storage For Reuse, Add	*13.11*	
02 41 19 13-0037	SF	Demolish 12" Thick Brick Exterior Wall		9.60
		For Cleaning and Storage For Reuse, Add	*14.40*	
02 41 19 13-0038	SF	Demolish 16" Thick Brick Exterior Wall		12.01
		For Cleaning and Storage For Reuse, Add	*18.02*	
02 41 19 13-0039	CF	Exterior Brick, Concrete Block Or Composite Removal		17.06
		For Cleaning and Storage For Reuse, Add	*25.59*	

02 41 19 13-0040 Lintel Removal *(02 41 19 13-0001)*

Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0057 for saw cutting.

02 41 19 13-0041	LF	Demolish Steel Lintel	13.69
02 41 19 13-0042	LF	Demolish Concrete Or Stone Lintel	18.26
02 41 19 13-0043	LF	Demolish Steel Shelf Angle	14.45

02 41 19 13-0044 Reinstall Lintel *(02 41 19 13-0001)*

Note: Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0057 for saw cutting.

02 41 19 13-0045	LF	Clean, Prime And Paint Steel Shelf Angle Or Lintel	8.00
02 41 19 13-0046	LF	Reinstall Existing Concrete Or Stone Lintel	18.26
02 41 19 13-0047	LF	Reinstall Existing Steel Shelf Angle Note: Includes fasteners.	51.11
02 41 19 13-0048	LF	Reinstall Existing Steel Lintel	20.29
02 41 19 13-0049	LF	Removal And Replacement Of Steel Shelf Angle Over Window Openings At Cavity Walls	85.94
02 41 19 13-0050	LF	Removal And Replacement Of Steel Lintel Over Window Openings	162.14

02 41 19 13-0051 Exterior Concrete Wall Removal *(02 41 19 13)*

02 41 19 13-0052	SF	Demolish 4" Thick Reinforced Concrete Exterior Wall	7.90
02 41 19 13-0053	SF	Demolish 6" Thick Reinforced Concrete Exterior Wall	14.32
02 41 19 13-0054	SF	Demolish 8" Thick Reinforced Concrete Exterior Wall	18.01
02 41 19 13-0055	SF	Demolish 10" Thick Reinforced Concrete Exterior Wall	21.24
02 41 19 13-0056	SF	Demolish 12" Thick Reinforced Concrete Exterior Wall	25.11

02 41 19 13-0057 Saw Cutting *(02 41 19 13)*

Note: Includes blade wear, water, taping off area, layout, cleanup and mist spray with wet vacuuming for dust control where necessary. For projects where the total saw cutting charge is less than the minimum charge, use task "Saw Cut Minimum Charge" exclusively. Task "Saw Cut Minimum Charge" should not be used in conjunction with any other tasks in this section.

02 41 19 13-0058	EA	Minimum Charge For Saw Cut Note: For projects where the total saw cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	1,268.55
02 41 19 13-0059	LF	Bituminous Paving Up To 4" Depth, Saw Cut	2.86
		For Each Additional Pass (Depth To 3"), Add	*1.10*
		For >250, Deduct	*-0.27*
02 41 19 13-0060	LF	Brick Masonry Up To 4" Depth, Saw Cut	10.59
		For Each Additional Pass (Depth To 3"), Add	*4.18*
		For >250, Deduct	*-1.04*
02 41 19 13-0061	LF	Concrete Block Up To 4" Depth, Saw Cut	9.58
		For Each Additional Pass (Depth To 3"), Add	*3.77*
		For >250, Deduct	*-0.94*
02 41 19 13-0062	LF	Non-Reinforced Concrete Slab Or Paving Up To 4" Depth, Saw Cut	3.31
		For Each Additional Pass (Depth To 3"), Add	*1.26*
		For >250, Deduct	*-0.31*
02 41 19 13-0063	LF	Welded Wire Reinforced Concrete Slab Up To 4" Depth, Saw Cut	4.33
		For Each Additional Pass (Depth To 3"), Add	*1.66*
		For >250, Deduct	*-0.41*
02 41 19 13-0064	LF	Rod Reinforced Concrete Slab Up To 4" Depth, Saw Cut	7.12
		For Each Additional Pass (Depth To 3"), Add	*2.77*
		For >250, Deduct	*-0.68*
02 41 19 13-0065	LF	Plain Concrete Walls Up To 4" Depth, Saw Cut	13.52
		For Each Additional Pass (Depth To 3"), Add	*5.34*
		For >250, Deduct	*-1.33*
02 41 19 13-0066	LF	Saw Cut Rod Reinforced Concrete Walls Up To 4" Depth	18.16
		For Each Additional Pass (Depth To 3"), Add	*7.18*
		For >250, Deduct	*-1.79*
02 41 19 13-0067	LF	Concrete And Asphalt Up To 4" Depth, Saw Cut In Streets	3.57
		For Each Additional Pass (Depth To 3"), Add	*1.30*
		For >250, Deduct	*-0.31*
02 41 19 13-0068	LF	Igneous Stone Pavements Up To 4" Depth, Saw Cut	9.62
		For Each Additional Pass (Depth To 3"), Add	*3.78*
		For >250, Deduct	*-0.94*
02 41 19 13-0069	LF	Sedimentary Stone Pavements Up To 4" Depth, Saw Cut	9.62
		For Each Additional Pass (Depth To 3"), Add	*3.78*
		For >250, Deduct	*-0.94*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0070	LF	Metamorphic Stone Pavements Up To 4" Depth, Saw Cut	9.62	
		For Each Additional Pass (Depth To 3"), Add	*3.78*	
		For >250, Deduct	*-0.94*	
02 41 19 13-0071	LF	Terrazzo Stone Pavements Up To 4" Depth, Saw Cut	9.62	
		For Each Additional Pass (Depth To 3"), Add	*3.78*	
		For >250, Deduct	*-0.94*	

02 41 19 13-0072 Torch Cutting *(02 41 19 13)*

Note: Includes grinding edge

02 41 19 13-0073	LF	Up To 1/2", Torch Cut Steel Plate	3.47	
02 41 19 13-0074	LF	>1/2" To 1" Thick, Torch Cut Steel Plate	6.93	
02 41 19 13-0075	LF	>1" To 1-1/2" Thick, Torch Cut Steel Plate	10.38	
02 41 19 13-0076	LF	>1-1/2" To 2" Thick, Torch Cut Steel Plate	13.85	
02 41 19 13-0077	LF	>2" To 2-1/2" Thick, Torch Cut Steel Plate	17.32	
02 41 19 13-0078	LF	>2-1/2" To 3" Thick, Torch Cut Steel Plate	20.78	
02 41 19 13-0079	EA	Minimum Charge For Torch Cutting	1,118.88	
		Note: For projects where the total torch cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		

02 41 19 13-0080 Drilling In Existing Materials *(02 41 19 13)*

Note: Includes drill bit wear, water, layout, set-up and cleanup.

02 41 19 13-0081 Concrete Core Drilling *(02 41 19 13-0080)*

02 41 19 13-0082 Up To 4" Thick Concrete Core Drilling *(02 41 19 13-0081)*

02 41 19 13-0083	EA	Drill 1" Diameter Core In Up To 4" Concrete	51.25	
		For Horizontal Cores, Add	*10.15*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*20.30*	
02 41 19 13-0084	EA	Drill 1-1/2" Diameter Core In Up To 4" Concrete	56.87	
		For Horizontal Cores, Add	*11.27*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*22.54*	
02 41 19 13-0085	EA	Drill 2" Diameter Core In Up To 4" Concrete	63.14	
		For Horizontal Cores, Add	*12.53*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*25.05*	
02 41 19 13-0086	EA	Drill 3" Diameter Core In Up To 4" Concrete	90.17	
		For Horizontal Cores, Add	*17.90*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*35.79*	
02 41 19 13-0087	EA	Drill 4" Diameter Core In Up To 4" Concrete	120.83	
		For Horizontal Cores, Add	*23.98*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*47.96*	
02 41 19 13-0088	EA	Drill 6" Diameter Core In Up To 4" Concrete	135.39	
		For Horizontal Cores, Add	*26.84*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*53.69*	
02 41 19 13-0089	EA	Drill 8" Diameter Core In Up To 4" Concrete	216.35	
		For Horizontal Cores, Add	*42.95*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*85.90*	
02 41 19 13-0090	EA	Drill 10" Diameter Core In Up To 4" Concrete	270.62	
		For Horizontal Cores, Add	*53.69*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*107.37*	
02 41 19 13-0091	EA	Drill 12" Diameter Core In Up To 4" Concrete	315.80	
		For Horizontal Cores, Add	*62.64*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*125.27*	
02 41 19 13-0092	EA	Drill 14" Diameter Core In Up To 4" Concrete	361.00	
		For Horizontal Cores, Add	*71.58*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*143.15*	
02 41 19 13-0093	EA	Drill 18" Diameter Core In Up To 4" Concrete	406.61	
		For Horizontal Cores, Add	*80.52*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*161.04*	

02 41 19 13-0094 >4" To 6" Thick Concrete Core Drilling *(02 41 19 13-0081)*

02 41 19 13-0095	EA	Drill 1" Diameter Core In >4" To 6" Concrete	73.25	
		For Horizontal Cores, Add	*14.49*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*28.98*	
02 41 19 13-0096	EA	Drill 1-1/2" Diameter Core In >4" To 6" Concrete	81.30	
		For Horizontal Cores, Add	*16.10*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*32.20*	
02 41 19 13-0097	EA	Drill 2" Diameter Core In >4" To 6" Concrete	90.25	
		For Horizontal Cores, Add	*17.89*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*35.78*	
02 41 19 13-0098	EA	Drill 3" Diameter Core In >4" To 6" Concrete	108.46	
		For Horizontal Cores, Add	*21.48*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*42.95*	
02 41 19 13-0099	EA	Drill 4" Diameter Core In >4" To 6" Concrete	135.65	
		For Horizontal Cores, Add	*26.84*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*53.69*	
02 41 19 13-0100	EA	Drill 6" Diameter Core In >4" To 6" Concrete	180.73	
		For Horizontal Cores, Add	*35.79*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*71.58*	
02 41 19 13-0101	EA	Drill 8" Diameter Core In >4" To 6" Concrete	270.86	
		For Horizontal Cores, Add	*53.69*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*107.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0102	EA	Drill 10" Diameter Core In >4" To 6" Concrete	316.45	
		For Horizontal Cores, Add	*62.64*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*125.27*	
02 41 19 13-0103	EA	Drill 12" Diameter Core In >4" To 6" Concrete	361.80	
		For Horizontal Cores, Add	*71.58*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*143.15*	
02 41 19 13-0104	EA	Drill 14" Diameter Core In >4" To 6" Concrete	407.36	
		For Horizontal Cores, Add	*80.52*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*161.04*	
02 41 19 13-0105	EA	Drill 18" Diameter Core In >4" To 6" Concrete	453.54	
		For Horizontal Cores, Add	*89.47*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*178.95*	

02 41 19 13-0106 >6" To 8" Thick Concrete Core Drilling *(02 41 19 13-0081)*

02 41 19 13-0107	EA	Drill 1" Diameter Core In >6" To 8" Concrete	80.79	
		For Horizontal Cores, Add	*15.94*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*31.89*	
02 41 19 13-0108	EA	Drill 1-1/2" Diameter Core In >6" To 8" Concrete	89.65	
		For Horizontal Cores, Add	*17.72*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*35.43*	
02 41 19 13-0109	EA	Drill 2" Diameter Core In >6" To 8" Concrete	99.49	
		For Horizontal Cores, Add	*19.68*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*39.37*	
02 41 19 13-0110	EA	Drill 3" Diameter Core In >6" To 8" Concrete	117.79	
		For Horizontal Cores, Add	*23.26*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*46.53*	
02 41 19 13-0111	EA	Drill 4" Diameter Core In >6" To 8" Concrete	154.03	
		For Horizontal Cores, Add	*30.42*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*60.84*	
02 41 19 13-0112	EA	Drill 6" Diameter Core In >6" To 8" Concrete	217.13	
		For Horizontal Cores, Add	*42.95*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*85.90*	
02 41 19 13-0113	EA	Drill 8" Diameter Core In >6" To 8" Concrete	361.13	
		For Horizontal Cores, Add	*71.58*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*143.15*	
02 41 19 13-0114	EA	Drill 10" Diameter Core In >6" To 8" Concrete	406.95	
		For Horizontal Cores, Add	*80.52*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*161.04*	
02 41 19 13-0115	EA	Drill 12" Diameter Core In >6" To 8" Concrete	452.59	
		For Horizontal Cores, Add	*89.47*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*178.95*	
02 41 19 13-0116	EA	Drill 14" Diameter Core In >6" To 8" Concrete	498.43	
		For Horizontal Cores, Add	*98.40*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*196.81*	
02 41 19 13-0117	EA	Drill 18" Diameter Core In >6" To 8" Concrete	545.20	
		For Horizontal Cores, Add	*107.37*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*214.74*	

02 41 19 13-0118 >8" To 10" Thick Concrete Core Drilling *(02 41 19 13-0081)*

02 41 19 13-0119	EA	Drill 1" Diameter Core In >8" To 10" Concrete	95.56	
		For Horizontal Cores, Add	*18.84*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*37.68*	
02 41 19 13-0120	EA	Drill 1-1/2" Diameter Core In >8" To 10" Concrete	106.03	
		For Horizontal Cores, Add	*20.94*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*41.87*	
02 41 19 13-0121	EA	Drill 2" Diameter Core In >8" To 10" Concrete	117.67	
		For Horizontal Cores, Add	*23.26*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*46.53*	
02 41 19 13-0122	EA	Drill 3" Diameter Core In >8" To 10" Concrete	136.08	
		For Horizontal Cores, Add	*26.84*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*53.69*	
02 41 19 13-0123	EA	Drill 4" Diameter Core In >8" To 10" Concrete	154.53	
		For Horizontal Cores, Add	*30.42*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*60.84*	
02 41 19 13-0124	EA	Drill 6" Diameter Core In >8" To 10" Concrete	217.74	
		For Horizontal Cores, Add	*42.95*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*85.90*	
02 41 19 13-0125	EA	Drill 8" Diameter Core In >8" To 10" Concrete	361.95	
		For Horizontal Cores, Add	*71.58*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*143.15*	
02 41 19 13-0126	EA	Drill 10" Diameter Core In >8" To 10" Concrete	408.04	
		For Horizontal Cores, Add	*80.52*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*161.04*	
02 41 19 13-0127	EA	Drill 12" Diameter Core In >8" To 10" Concrete	453.79	
		For Horizontal Cores, Add	*89.45*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*178.91*	
02 41 19 13-0128	EA	Drill 14" Diameter Core In >8" To 10" Concrete	500.08	
		For Horizontal Cores, Add	*98.40*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*196.81*	
02 41 19 13-0129	EA	Drill 18" Diameter Core In >8" To 10" Concrete	547.23	
		For Horizontal Cores, Add	*107.35*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*214.69*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

02 41 19 13-0130 >10" To 12" Thick Concrete Core Drilling *(02 41 19 13-0081)*

02 41 19 13-0131	EA	Drill 1" Diameter Core In >10" To 12" Concrete	103.10	
		For Horizontal Cores, Add	*20.29*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*40.59*	
02 41 19 13-0132	EA	Drill 1-1/2" Diameter Core In >10" To 12" Concrete	114.37	
		For Horizontal Cores, Add	*22.55*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*45.10*	
02 41 19 13-0133	EA	Drill 2" Diameter Core In >10" To 12" Concrete	126.91	
		For Horizontal Cores, Add	*25.06*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*50.11*	
02 41 19 13-0134	EA	Drill 3" Diameter Core In >10" To 12" Concrete	136.47	
		For Horizontal Cores, Add	*26.84*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*53.69*	
02 41 19 13-0135	EA	Drill 4" Diameter Core In >10" To 12" Concrete	181.87	
		For Horizontal Cores, Add	*35.79*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*71.58*	
02 41 19 13-0136	EA	Drill 6" Diameter Core In >10" To 12" Concrete	236.24	
		For Horizontal Cores, Add	*46.53*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*93.06*	
02 41 19 13-0137	EA	Drill 8" Diameter Core In >10" To 12" Concrete	380.68	
		For Horizontal Cores, Add	*75.16*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*150.32*	
02 41 19 13-0138	EA	Drill 10" Diameter Core In >10" To 12" Concrete	409.12	
		For Horizontal Cores, Add	*80.52*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*161.04*	
02 41 19 13-0139	EA	Drill 12" Diameter Core In >10" To 12" Concrete	473.13	
		For Horizontal Cores, Add	*93.06*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*186.12*	

02 41 19 13-0140 >12" Thick Concrete Core Drilling *(02 41 19 13-0081)*

02 41 19 13-0141	IN	Drill 1" Diameter Core In >12" Concrete	12.54	
		For Horizontal Cores, Add	*2.48*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*4.96*	
02 41 19 13-0142	IN	Drill 1-1/2" Diameter Core In >12" Concrete	13.93	
		For Horizontal Cores, Add	*2.76*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*5.52*	
02 41 19 13-0143	IN	Drill 2" Diameter Core In >12" Concrete	15.46	
		For Horizontal Cores, Add	*3.06*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*6.13*	
02 41 19 13-0144	IN	Drill 3" Diameter Core In >12" Concrete	16.96	
		For Horizontal Cores, Add	*3.35*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*6.71*	
02 41 19 13-0145	IN	Drill 4" Diameter Core In >12" Concrete	22.59	
		For Horizontal Cores, Add	*4.47*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*8.94*	
02 41 19 13-0146	IN	Drill 6" Diameter Core In >12" Concrete	29.40	
		For Horizontal Cores, Add	*5.82*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*11.64*	
02 41 19 13-0147	IN	Drill 8" Diameter Core In >12" Concrete	47.42	
		For Horizontal Cores, Add	*9.40*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*18.80*	
02 41 19 13-0148	IN	Drill 10" Diameter Core In >12" Concrete	51.07	
		For Horizontal Cores, Add	*10.11*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*20.21*	
02 41 19 13-0149	IN	Drill 12" Diameter Core In >12" Concrete	58.84	
		For Horizontal Cores, Add	*11.64*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*23.28*	

02 41 19 13-0150 Brick/Concrete Block Core Drilling *(02 41 19 13-0080)*

02 41 19 13-0151 Up To 4" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0150)*

02 41 19 13-0152	EA	Drill 1" Diameter Core In Up To 4" Brick/Concrete Block	41.10	
		For Horizontal Cores, Add	*8.12*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*16.24*	
02 41 19 13-0153	EA	Drill 1-1/2" Diameter Core In Up To 4" Brick/Concrete Block	45.59	
		For Horizontal Cores, Add	*9.02*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*18.03*	
02 41 19 13-0154	EA	Drill 2" Diameter Core In Up To 4" Brick/Concrete Block	50.62	
		For Horizontal Cores, Add	*10.02*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*20.04*	
02 41 19 13-0155	EA	Drill 3" Diameter Core In Up To 4" Brick/Concrete Block	72.27	
		For Horizontal Cores, Add	*14.32*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*28.63*	
02 41 19 13-0156	EA	Drill 4" Diameter Core In Up To 4" Brick/Concrete Block	96.85	
		For Horizontal Cores, Add	*19.18*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*38.37*	
02 41 19 13-0157	EA	Drill 6" Diameter Core In Up To 4" Brick/Concrete Block	108.55	
		For Horizontal Cores, Add	*21.48*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*42.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0158	EA	Drill 8" Diameter Core In Up To 4" Brick/Concrete Block	173.40	
		For Horizontal Cores, Add	*34.36*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*68.72*	
02 41 19 13-0159	EA	Drill 10" Diameter Core In Up To 4" Brick/Concrete Block	216.93	
		For Horizontal Cores, Add	*42.95*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*85.90*	
02 41 19 13-0160	EA	Drill 12" Diameter Core In Up To 4" Brick/Concrete Block	253.17	
		For Horizontal Cores, Add	*50.11*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*100.22*	
02 41 19 13-0161	EA	Drill 14" Diameter Core In Up To 4" Brick/Concrete Block	289.42	
		For Horizontal Cores, Add	*57.26*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*114.52*	
02 41 19 13-0162	EA	Drill 18" Diameter Core In Up To 4" Brick/Concrete Block	326.09	
		For Horizontal Cores, Add	*64.42*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*128.83*	

02 41 19 13-0163 >4" To 6" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0150)*

02 41 19 13-0164	EA	Drill 1" Diameter Core In >4" To 6" Brick/Concrete Block	58.76	
		For Horizontal Cores, Add	*11.59*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*23.19*	
02 41 19 13-0165	EA	Drill 1-1/2" Diameter Core In >4" To 6" Brick/Concrete Block	65.19	
		For Horizontal Cores, Add	*12.88*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*25.76*	
02 41 19 13-0166	EA	Drill 2" Diameter Core In >4" To 6" Brick/Concrete Block	72.35	
		For Horizontal Cores, Add	*14.31*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*28.62*	
02 41 19 13-0167	EA	Drill 3" Diameter Core In >4" To 6" Brick/Concrete Block	86.98	
		For Horizontal Cores, Add	*17.18*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*34.36*	
02 41 19 13-0168	EA	Drill 4" Diameter Core In >4" To 6" Brick/Concrete Block	108.81	
		For Horizontal Cores, Add	*21.48*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*42.95*	
02 41 19 13-0169	EA	Drill 6" Diameter Core In >4" To 6" Brick/Concrete Block	144.94	
		For Horizontal Cores, Add	*28.63*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*57.26*	
02 41 19 13-0170	EA	Drill 8" Diameter Core In >4" To 6" Brick/Concrete Block	217.17	
		For Horizontal Cores, Add	*42.95*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*85.90*	
02 41 19 13-0171	EA	Drill 10" Diameter Core In >4" To 6" Brick/Concrete Block	253.82	
		For Horizontal Cores, Add	*50.11*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*100.22*	
02 41 19 13-0172	EA	Drill 12" Diameter Core In >4" To 6" Brick/Concrete Block	290.22	
		For Horizontal Cores, Add	*57.26*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*114.52*	
02 41 19 13-0173	EA	Drill 14" Diameter Core In >4" To 6" Brick/Concrete Block	326.84	
		For Horizontal Cores, Add	*64.42*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*128.83*	
02 41 19 13-0174	EA	Drill 18" Diameter Core In >4" To 6" Brick/Concrete Block	364.06	
		For Horizontal Cores, Add	*71.58*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*143.16*	

02 41 19 13-0175 >6" To 8" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0150)*

02 41 19 13-0176	EA	Drill 1" Diameter Core In >6" To 8" Brick/Concrete Block	64.84	
		For Horizontal Cores, Add	*12.75*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*25.51*	
02 41 19 13-0177	EA	Drill 1-1/2" Diameter Core In >6" To 8" Brick/Concrete Block	71.93	
		For Horizontal Cores, Add	*14.17*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*28.34*	
02 41 19 13-0178	EA	Drill 2" Diameter Core In >6" To 8" Brick/Concrete Block	79.81	
		For Horizontal Cores, Add	*15.75*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*31.50*	
02 41 19 13-0179	EA	Drill 3" Diameter Core In >6" To 8" Brick/Concrete Block	94.53	
		For Horizontal Cores, Add	*18.61*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*37.22*	
02 41 19 13-0180	EA	Drill 4" Diameter Core In >6" To 8" Brick/Concrete Block	123.60	
		For Horizontal Cores, Add	*24.34*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*48.67*	
02 41 19 13-0181	EA	Drill 6" Diameter Core In >6" To 8" Brick/Concrete Block	174.18	
		For Horizontal Cores, Add	*34.36*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*68.72*	
02 41 19 13-0182	EA	Drill 8" Diameter Core In >6" To 8" Brick/Concrete Block	289.55	
		For Horizontal Cores, Add	*57.26*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*114.52*	
02 41 19 13-0183	EA	Drill 10" Diameter Core In >6" To 8" Brick/Concrete Block	326.43	
		For Horizontal Cores, Add	*64.42*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*128.83*	
02 41 19 13-0184	EA	Drill 12" Diameter Core In >6" To 8" Brick/Concrete Block	363.11	
		For Horizontal Cores, Add	*71.58*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*143.16*	
02 41 19 13-0185	EA	Drill 14" Diameter Core In >6" To 8" Brick/Concrete Block	400.02	
		For Horizontal Cores, Add	*78.72*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*157.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0186	EA	Drill 18" Diameter Core In >6" To 8" Brick/Concrete Block	437.82	
		For Horizontal Cores, Add	*85.90*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*171.79*	

02 41 19 13-0187 >8" To 10" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0150)*

02 41 19 13-0188	EA	Drill 1" Diameter Core In >8" To 10" Brick/Concrete Block	76.72	
		For Horizontal Cores, Add	*15.07*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*30.15*	
02 41 19 13-0189	EA	Drill 1-1/2" Diameter Core In >8" To 10" Brick/Concrete Block	85.10	
		For Horizontal Cores, Add	*16.75*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*33.50*	
02 41 19 13-0190	EA	Drill 2" Diameter Core In >8" To 10" Brick/Concrete Block	94.41	
		For Horizontal Cores, Add	*18.61*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*37.22*	
02 41 19 13-0191	EA	Drill 3" Diameter Core In >8" To 10" Brick/Concrete Block	109.24	
		For Horizontal Cores, Add	*21.48*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*42.95*	
02 41 19 13-0192	EA	Drill 4" Diameter Core In >8" To 10" Brick/Concrete Block	124.10	
		For Horizontal Cores, Add	*24.34*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*48.67*	
02 41 19 13-0193	EA	Drill 6" Diameter Core In >8" To 10" Brick/Concrete Block	174.79	
		For Horizontal Cores, Add	*34.36*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*68.72*	
02 41 19 13-0194	EA	Drill 8" Diameter Core In >8" To 10" Brick/Concrete Block	290.37	
		For Horizontal Cores, Add	*57.26*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*114.52*	
02 41 19 13-0195	EA	Drill 10" Diameter Core In >8" To 10" Brick/Concrete Block	327.52	
		For Horizontal Cores, Add	*64.42*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*128.83*	
02 41 19 13-0196	EA	Drill 12" Diameter Core In >8" To 10" Brick/Concrete Block	364.34	
		For Horizontal Cores, Add	*71.56*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*143.13*	
02 41 19 13-0197	EA	Drill 14" Diameter Core In >8" To 10" Brick/Concrete Block	401.67	
		For Horizontal Cores, Add	*78.72*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*157.44*	
02 41 19 13-0198	EA	Drill 18" Diameter Core In >8" To 10" Brick/Concrete Block	439.88	
		For Horizontal Cores, Add	*85.88*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*171.75*	

02 41 19 13-0199 >10" To 12" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0150)*

02 41 19 13-0200	EA	Drill 1" Diameter Core In >10" To 12" Brick/Concrete Block	82.81	
		For Horizontal Cores, Add	*16.24*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*32.47*	
02 41 19 13-0201	EA	Drill 1-1/2" Diameter Core In >10" To 12" Brick/Concrete Block	91.82	
		For Horizontal Cores, Add	*18.04*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*36.08*	
02 41 19 13-0202	EA	Drill 2" Diameter Core In >10" To 12" Brick/Concrete Block	101.85	
		For Horizontal Cores, Add	*20.04*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*40.09*	
02 41 19 13-0203	EA	Drill 3" Diameter Core In >10" To 12" Brick/Concrete Block	109.63	
		For Horizontal Cores, Add	*21.48*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*42.95*	
02 41 19 13-0204	EA	Drill 4" Diameter Core In >10" To 12" Brick/Concrete Block	146.08	
		For Horizontal Cores, Add	*28.63*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*57.26*	
02 41 19 13-0205	EA	Drill 6" Diameter Core In >10" To 12" Brick/Concrete Block	189.71	
		For Horizontal Cores, Add	*37.22*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*74.45*	
02 41 19 13-0206	EA	Drill 8" Diameter Core In >10" To 12" Brick/Concrete Block	305.53	
		For Horizontal Cores, Add	*60.13*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*120.26*	
02 41 19 13-0207	EA	Drill 10" Diameter Core In >10" To 12" Brick/Concrete Block	328.60	
		For Horizontal Cores, Add	*64.42*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*128.83*	
02 41 19 13-0208	EA	Drill 12" Diameter Core In >10" To 12" Brick/Concrete Block	380.07	
		For Horizontal Cores, Add	*74.45*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*148.90*	

02 41 19 13-0209 >12" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0150)*

02 41 19 13-0210	IN	Drill 1" Diameter Core In >12" Brick/Concrete Block	10.07	
		For Horizontal Cores, Add	*1.99*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*3.97*	
02 41 19 13-0211	IN	Drill 1-1/2" Diameter Core In >12" Brick/Concrete Block	11.17	
		For Horizontal Cores, Add	*2.21*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*4.41*	
02 41 19 13-0212	IN	Drill 2" Diameter Core In >12" Brick/Concrete Block	12.40	
		For Horizontal Cores, Add	*2.45*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*4.90*	
02 41 19 13-0213	IN	Drill 3" Diameter Core In >12" Brick/Concrete Block	13.60	
		For Horizontal Cores, Add	*2.68*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*5.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0214	IN	Drill 4" Diameter Core In >12" Brick/Concrete Block	18.13	
		For Horizontal Cores, Add	*3.58*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*7.16*	
02 41 19 13-0215	IN	Drill 6" Diameter Core In >12" Brick/Concrete Block	23.58	
		For Horizontal Cores, Add	*4.66*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*9.31*	
02 41 19 13-0216	IN	Drill 8" Diameter Core In >12" Brick/Concrete Block	38.02	
		For Horizontal Cores, Add	*7.52*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*15.04*	
02 41 19 13-0217	IN	Drill 10" Diameter Core In >12" Brick/Concrete Block	40.98	
		For Horizontal Cores, Add	*8.09*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*16.18*	
02 41 19 13-0218	IN	Drill 12" Diameter Core In >12" Brick/Concrete Block	47.20	
		For Horizontal Cores, Add	*9.31*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*18.62*	
02 41 19 13-0219		**Asphalt Core Drilling** *(02 41 19 13-0080)*		
02 41 19 13-0220		**Up To 2" Thick Asphalt Core Drilling** *(02 41 19 13-0219)*		
02 41 19 13-0221	EA	Drill 2" Diameter Core In Up To 2" Asphalt	38.45	
02 41 19 13-0222	EA	Drill 3" Diameter Core In Up To 2" Asphalt	47.69	
02 41 19 13-0223	EA	Drill 4" Diameter Core In Up To 2" Asphalt	60.01	
02 41 19 13-0224	EA	Drill 6" Diameter Core In Up To 2" Asphalt	75.41	
02 41 19 13-0225	EA	Drill 8" Diameter Core In Up To 2" Asphalt	93.91	
02 41 19 13-0226	EA	Drill 10" Diameter Core In Up To 2" Asphalt	116.95	
02 41 19 13-0227	EA	Drill 12" Diameter Core In Up To 2" Asphalt	146.16	
02 41 19 13-0228		**>2" To 3" Thick Asphalt Core Drilling** *(02 41 19 13-0219)*		
02 41 19 13-0229	EA	Drill 2" Diameter Core In >2" To 3" Asphalt	49.18	
02 41 19 13-0230	EA	Drill 3" Diameter Core In >2" To 3" Asphalt	61.51	
02 41 19 13-0231	EA	Drill 4" Diameter Core In >2" To 3" Asphalt	76.90	
02 41 19 13-0232	EA	Drill 6" Diameter Core In >2" To 3" Asphalt	96.89	
02 41 19 13-0233	EA	Drill 8" Diameter Core In >2" To 3" Asphalt	120.01	
02 41 19 13-0234	EA	Drill 10" Diameter Core In >2" To 3" Asphalt	150.73	
02 41 19 13-0235	EA	Drill 12" Diameter Core In >2" To 3" Asphalt	187.62	
02 41 19 13-0236		**>3" To 4" Thick Asphalt Core Drilling** *(02 41 19 13-0219)*		
02 41 19 13-0237	EA	Drill 2" Diameter Core In >3" To 4" Asphalt	63.05	
02 41 19 13-0238	EA	Drill 3" Diameter Core In >3" To 4" Asphalt	78.46	
02 41 19 13-0239	EA	Drill 4" Diameter Core In >3" To 4" Asphalt	98.49	
02 41 19 13-0240	EA	Drill 6" Diameter Core In >3" To 4" Asphalt	123.10	
02 41 19 13-0241	EA	Drill 8" Diameter Core In >3" To 4" Asphalt	153.95	
02 41 19 13-0242	EA	Drill 10" Diameter Core In >3" To 4" Asphalt	192.37	
02 41 19 13-0243	EA	Drill 12 Diameter Core In >3" To 4" Asphalt	240.02	
02 41 19 13-0244		**>4" To 6" Thick Asphalt Core Drilling** *(02 41 19 13-0219)*		
02 41 19 13-0245	EA	Drill 2" Diameter Core In >4" To 6" Asphalt	80.02	
02 41 19 13-0246	EA	Drill 3" Diameter Core In >4" To 6" Asphalt	101.62	
02 41 19 13-0247	EA	Drill 4" Diameter Core In >4" To 6" Asphalt	126.29	
02 41 19 13-0248	EA	Drill 6" Diameter Core In >4" To 6" Asphalt	157.10	
02 41 19 13-0249	EA	Drill 8" Diameter Core In >4" To 6" Asphalt	197.24	
02 41 19 13-0250	EA	Drill 10" Diameter Core In >4" To 6" Asphalt	246.43	
02 41 19 13-0251	EA	Drill 12" Diameter Core In >4" To 6" Asphalt	307.97	
02 41 19 13-0252		**Manhole Core Drilling** *(02 41 19 13-0080)*		
02 41 19 13-0253	EA	Drill 4" Diameter Core In 6" Brick Manhole	269.39	
02 41 19 13-0254	EA	Drill 5" Diameter Core In 6" Brick Manhole	307.87	
02 41 19 13-0255	EA	Drill 6" Diameter Core In 6" Brick Manhole	359.07	
02 41 19 13-0256	EA	Drill 8" Diameter Core In 6" Brick Manhole	538.48	
02 41 19 13-0257	EA	Drill 2" Diameter Core In 8" Concrete Manhole	360.97	
02 41 19 13-0258	EA	Drill 3" Diameter Core In 8" Concrete Manhole	384.34	
02 41 19 13-0259	EA	Drill 4" Diameter Core In 8" Concrete Manhole	423.08	
02 41 19 13-0260	EA	Drill 5" Diameter Core In 8" Concrete Manhole	453.94	
02 41 19 13-0261	EA	Drill 6" Diameter Core In 8" Concrete Manhole	538.40	
02 41 19 13-0262	EA	Drill 8" Diameter Core In 8" Concrete Manhole	768.99	
02 41 19 13-0263	EA	Drill 2" Diameter Core In Fiberglass Manhole	35.82	
02 41 19 13-0264	EA	Drill 3" Diameter Core In Fiberglass Manhole	41.34	
02 41 19 13-0265	EA	Drill 4" Diameter Core In Fiberglass Manhole	44.78	
02 41 19 13-0266	EA	Drill 5" Diameter Core In Fiberglass Manhole	48.87	
02 41 19 13-0267	EA	Drill 6" Diameter Core In Fiberglass Manhole	53.75	
02 41 19 13-0268	EA	Drill 8" Diameter Core In Fiberglass Manhole	59.73	
02 41 19 13-0269		**Drilling In Concrete Per Inch Of Depth** *(02 41 19 13-0080)*		
		Note: Includes layout.		
02 41 19 13-0270	IN	1/4" Diameter Drilling In Concrete Per Inch Of Depth	2.51	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0271	IN	5/16" Diameter Drilling In Concrete Per Inch Of Depth	2.67	
02 41 19 13-0272	IN	3/8" Diameter Drilling In Concrete Per Inch Of Depth	2.81	
02 41 19 13-0273	IN	1/2" Diameter Drilling In Concrete Per Inch Of Depth	3.02	
02 41 19 13-0274	IN	5/8" Diameter Drilling In Concrete Per Inch Of Depth	3.21	
02 41 19 13-0275	IN	3/4" Diameter Drilling In Concrete Per Inch Of Depth	3.53	
02 41 19 13-0276	IN	7/8" Diameter Drilling In Concrete Per Inch Of Depth	3.81	
02 41 19 13-0277	IN	1" Diameter Drilling In Concrete Per Inch Of Depth	4.01	
02 41 19 13-0278	IN	1-1/8" Diameter Drilling In Concrete Per Inch Of Depth	4.73	
02 41 19 13-0279	IN	1-1/4" Diameter Drilling In Concrete Per Inch Of Depth	4.44	
02 41 19 13-0280	IN	1-3/8" Diameter Drilling In Concrete Per Inch Of Depth	4.73	
02 41 19 13-0281	IN	1-1/2" Diameter Drilling In Concrete Per Inch Of Depth	5.02	
02 41 19 13-0282	IN	1-3/4" Diameter Drilling In Concrete Per Inch Of Depth	5.56	
02 41 19 13-0283	IN	2" Diameter Drilling In Concrete Per Inch Of Depth	6.48	
02 41 19 13-0284		Drilling In Brick/Concrete Block Per Inch Of Depth *(02 41 19 13-0080)*		
		Note: Includes layout.		
02 41 19 13-0285	IN	1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.10	
02 41 19 13-0286	IN	5/16" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.22	
02 41 19 13-0287	IN	3/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.34	
02 41 19 13-0288	IN	1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.51	
02 41 19 13-0289	IN	5/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.68	
02 41 19 13-0290	IN	3/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.94	
02 41 19 13-0291	IN	7/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	3.18	
02 41 19 13-0292	IN	1" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	3.34	
02 41 19 13-0293	IN	1-1/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	3.53	
02 41 19 13-0294	IN	1-1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	3.70	
02 41 19 13-0295	IN	1-3/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	3.95	
02 41 19 13-0296	IN	1-1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	4.18	
02 41 19 13-0297	IN	1-3/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	4.67	
02 41 19 13-0298	IN	2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	5.40	
02 41 19 13-0299		Drilling In Wood Or Plastic Per Inch Of Depth *(02 41 19 13-0080)*		
		Note: Includes layout.		
02 41 19 13-0300	IN	1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.04	
02 41 19 13-0301	IN	5/16" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.10	
02 41 19 13-0302	IN	3/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.17	
02 41 19 13-0303	IN	1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.26	
02 41 19 13-0304	IN	5/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.33	
02 41 19 13-0305	IN	3/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.46	
02 41 19 13-0306	IN	7/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.58	
02 41 19 13-0307	IN	1" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.67	
02 41 19 13-0308	IN	1-1/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.75	
02 41 19 13-0309	IN	1-1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.84	
02 41 19 13-0310	IN	1-3/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.96	
02 41 19 13-0311	IN	1-1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	2.09	
02 41 19 13-0312	IN	1-3/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	2.32	
02 41 19 13-0313	IN	2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	2.70	
02 41 19 13-0314		Limestone Core Drilling *(02 41 19 13-0080)*		
02 41 19 13-0315		10" To 14" Thick Limestone Core Drilling *(02 41 19 13-0314)*		
02 41 19 13-0316	EA	Drill 1" Diameter Core In 10" To 14" Limestone	77.25	
02 41 19 13-0317	EA	Drill 1-1/2" Diameter Core In 10" To 14" Limestone	92.77	
02 41 19 13-0318	EA	Drill 2" Diameter Core In 10" To 14" Limestone	100.62	
02 41 19 13-0319	EA	Drill 3" Diameter Core In 10" To 14" Limestone	116.35	
02 41 19 13-0320	EA	Drill 4" Diameter Core In 10" To 14" Limestone	132.09	
02 41 19 13-0321	EA	Drill 6" Diameter Core In 10" To 14" Limestone	186.17	
02 41 19 13-0322	EA	Drill 8" Diameter Core In 10" To 14" Limestone	309.55	
02 41 19 13-0323		15" To 18" Thick Limestone Core Drilling *(02 41 19 13-0314)*		
02 41 19 13-0324	EA	Drill 1" Diameter Core In 15" To 18" Limestone	85.04	
02 41 19 13-0325	EA	Drill 1-1/2" Diameter Core In 15" To 18" Limestone	100.60	
02 41 19 13-0326	EA	Drill 2" Diameter Core In 15" To 18" Limestone	108.49	
02 41 19 13-0327	EA	Drill 3" Diameter Core In 15" To 18" Limestone	116.66	
02 41 19 13-0328	EA	Drill 4" Diameter Core In 15" To 18" Limestone	155.49	
02 41 19 13-0329	EA	Drill 6" Diameter Core In 15" To 18" Limestone	201.94	
02 41 19 13-0330	EA	Drill 8" Diameter Core In 15" To 18" Limestone	325.66	
02 41 19 13-0331		19" To 24" Thick Limestone Core Drilling *(02 41 19 13-0314)*		
02 41 19 13-0332	EA	Drill 1" Diameter Core In 19" To 24" Limestone	92.82	
02 41 19 13-0333	EA	Drill 1-1/2" Diameter Core In 19" To 24" Limestone	108.41	
02 41 19 13-0334	EA	Drill 2" Diameter Core In 19" To 24" Limestone	116.36	
02 41 19 13-0335	EA	Drill 3" Diameter Core In 19" To 24" Limestone	132.22	
02 41 19 13-0336	EA	Drill 4" Diameter Core In 19" To 24" Limestone	186.47	
02 41 19 13-0337	EA	Drill 6" Diameter Core In 19" To 24" Limestone	233.03	
02 41 19 13-0338	EA	Drill 8" Diameter Core In 19" To 24" Limestone	349.43	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0339		**Minimum Charge For Core Drilling** *(02 41 19 13-0080)*		
02 41 19 13-0340	EA	Minimum Charge For Core Drill Note: For projects where the total core drilling charge is less than the minimum charge, use task "Minimum Charge For Core Drilling" exclusively. Task "Minimum Charge For Core Drilling" should not be used in conjunction with any other tasks in this section. Does not apply to sections "Drilling In Concrete Per Inch Of Depth" or "Drilling In Brick Or Block Per Inch Of Depth" or "Drilling In Wood Or Plastic Per Inch Of Depth".	1,023.27	
02 41 19 13-0341		**Cutouts** *(02 41 19 13)* Note: Includes saw cutting and removal of material. Not to be used for openings greater than 24 SF.		
02 41 19 13-0342		**Reinforced Concrete Slab On Grade Cutouts** *(02 41 19 13-0341)*		
02 41 19 13-0343	SF	4" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	59.87	
02 41 19 13-0344	SF	6" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	63.49	
02 41 19 13-0345	SF	8" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	67.12	
02 41 19 13-0346	SF	10" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	70.75	
02 41 19 13-0347	SF	12" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	72.56	
02 41 19 13-0348		**Reinforced Concrete Elevated Slab Cutouts** *(02 41 19 13-0341)* Note: Includes cutting and removing steel decking.		
02 41 19 13-0349	SF	4" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	72.96	
02 41 19 13-0350	SF	6" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	77.38	
02 41 19 13-0351	SF	8" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	81.80	
02 41 19 13-0352	SF	10" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	86.23	
02 41 19 13-0353	SF	12" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	88.43	
02 41 19 13-0354		**Reinforced Concrete Wall Cutouts** *(02 41 19 13-0341)*		
02 41 19 13-0355	SF	4" Thick Reinforced Concrete Wall Cutouts, <24 SF	74.82	
02 41 19 13-0356	SF	6" Thick Reinforced Concrete Wall Cutouts, <24 SF	79.37	
02 41 19 13-0357	SF	8" Thick Reinforced Concrete Wall Cutouts, <24 SF	83.90	
02 41 19 13-0358	SF	10" Thick Reinforced Concrete Wall Cutouts, <24 SF	88.43	
02 41 19 13-0359	SF	12" Thick Reinforced Concrete Wall Cutouts, <24 SF	90.70	
02 41 19 13-0360		**Brick Wall Cutouts** *(02 41 19 13-0341)* Note: Excludes toothing.		
02 41 19 13-0361	SF	4" Thick Brick Wall Cutouts, <24 SF	22.67	
02 41 19 13-0362	SF	6" Thick Brick Wall Cutouts, <24 SF	37.41	
02 41 19 13-0363	SF	8" Thick Brick Wall Cutouts, <24 SF	52.10	
02 41 19 13-0364	SF	10" Thick Brick Wall Cutouts, <24 SF	63.49	
02 41 19 13-0365	SF	12" Thick Brick Wall Cutouts, <24 SF	75.97	
02 41 19 13-0366	SF	16" Thick Brick Wall Cutouts, <24 SF	89.56	
02 41 19 13-0367		**Concrete Block Wall Cutouts** *(02 41 19 13-0341)* Note: Excludes toothing.		
02 41 19 13-0368	SF	4" Thick Concrete Block Wall Cutouts, <24 SF	37.51	
02 41 19 13-0369	SF	6" Thick Concrete Block Wall Cutouts, <24 SF	39.73	
02 41 19 13-0370	SF	8" Thick Concrete Block Wall Cutouts, <24 SF	41.95	
02 41 19 13-0371	SF	10" Thick Concrete Block Wall Cutouts, <24 SF	44.22	
02 41 19 13-0372	SF	12" Thick Concrete Block Wall Cutouts, <24 SF	45.35	
02 41 19 13-0373	SF	16" Thick Concrete Block Wall Cutouts, <24 SF	47.62	
02 41 19 13-0374		**Limestone Cutouts** *(02 41 19 13-0341)*		
02 41 19 13-0375	SF	2" Thick Limestone Cutouts, <24 SF	63.49	
02 41 19 13-0376	SF	4" Thick Limestone Cutouts, <24 SF	77.10	
02 41 19 13-0377	SF	6" Thick Limestone Cutouts, <24 SF	81.63	
02 41 19 13-0378	SF	8" Thick Limestone Cutouts, <24 SF	86.17	
02 41 19 13-0379	SF	10" Thick Limestone Cutouts, <24 SF	90.70	
02 41 19 13-0380	SF	12" Thick Limestone Cutouts, <24 SF	95.24	
02 41 19 13-0381		**Toothing Masonry Cutouts** *(02 41 19 13-0341)* Note: For use where existing masonry must be removed in a toothing pattern along horizontal and vertical mortar joints. VLF measurement includes all horizontal cutting.		
02 41 19 13-0382	VLF	Brick, Soft Old Mortar, Toothing Masonry Cutouts	22.67	
02 41 19 13-0383	VLF	Brick, Hard Mortar, Toothing Masonry Cutouts	30.61	
02 41 19 13-0384	VLF	Concrete Block, Soft Old Mortar, Toothing Masonry Cutouts	13.61	
02 41 19 13-0385	VLF	Concrete Block, Hard Mortar, Toothing Masonry Cutouts	18.14	
02 41 19 13-0386		**Minimum Charge For Cutouts** *(02 41 19 13-0341)* Note: For projects where the total cutouts charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
02 41 19 13-0387	EA	Minimum Charge For Cutouts	453.51	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0388		Elevated Concrete Removal *(02 41 19 13)*		
02 41 19 13-0389	CF	Elevated Concrete Beam/Slab/Steps Removal, Reinforced		15.20
02 41 19 16		**Selective Interior Demolition** *(02 41 19)*		
		Note: Includes HEPA vacuum for dust control, break-up of material, loading into truck or dumpster and cleanup. Excludes temporary plastic barrier See CSI section 01 56 16 00-0000 for temporary dust barrier.		
02 41 19 16-0001		Floor Removal *(02 41 19 16)*		
02 41 19 16-0002		Scarify Concrete *(02 41 19 16-0001)*		
		Note: Up to 1/4" removal per pass.		
02 41 19 16-0003	SF	Scarify Concrete Floor		0.32
02 41 19 16-0004	SF	Scarify Concrete Tread And Riser		2.60
02 41 19 16-0005	SF	Scarify Concrete Wall		2.36
02 41 19 16-0006		Fireproofing Removal *(02 41 19 16)*		
02 41 19 16-0007	SF	Removal Of Fireproofing From Concrete Or Steel		1.49
02 41 19 16-0008		Demolish Ceiling *(02 41 19 16)*		
02 41 19 16-0009	SF	Demolish Drywall Ceiling		1.15
02 41 19 16-0010	SF	Demolish Furred Plastered Ceiling		2.68
02 41 19 16-0011	SF	Demolish Suspended Plastered Ceiling And Suspension System		2.05
02 41 19 16-0012		Demolish Concrete Stair *(02 41 19 16)*		
02 41 19 16-0013	CF	Demolish Interior Reinforced Concrete Stairs		9.60
02 41 19 16-0014	CF	Demolish Exterior Reinforced Concrete Stairs		8.24
02 41 19 16-0015		Demolish Interior Partition/Wall *(02 41 19 16)*		
		Note: Price includes knock down, loading, cleanup.		
02 41 19 16-0016		Demolish Masonry And Concrete Interior Partition/Walls *(02 41 19 16-0015)*		
		Note: Includes saw cutting, knock down, loading and cleanup.		
02 41 19 16-0017		Demolish Concrete Block Interior Partition/Walls *(02 41 19 16-0016)*		
02 41 19 16-0018	SF	Demolish 4" Thick Non-Reinforced Concrete Block Interior Partition/Wall		6.22
02 41 19 16-0019	SF	Demolish 6" Thick Non-Reinforced Concrete Block Interior Partition/Wall		6.64
02 41 19 16-0020	SF	Demolish 8" Thick Non-Reinforced Concrete Block Interior Partition/Wall		7.48
02 41 19 16-0021	SF	Demolish 12" Thick Non-Reinforced Concrete Block Interior Partition/Wall		9.61
02 41 19 16-0022	SF	Demolish 16" Thick Non-Reinforced Concrete Block Interior Partition/Wall		12.01
02 41 19 16-0023	SF	Demolish 4" Thick Reinforced Concrete Block Interior Partition/Wall		7.46
02 41 19 16-0024	SF	Demolish 6" Thick Reinforced Concrete Block Interior Partition/Wall		7.97
02 41 19 16-0025	SF	Demolish 8" Thick Reinforced Concrete Block Interior Partition/Wall		8.99
02 41 19 16-0026	SF	Demolish 12" Thick Reinforced Concrete Block Interior Partition/Wall		11.53
02 41 19 16-0027	SF	Demolish 16" Thick Reinforced Concrete Block Interior Partition/Wall		14.41
02 41 19 16-0028		Demolish Brick Interior Partition/Walls *(02 41 19 16-0016)*		
02 41 19 16-0029	SF	Demolish 4" Thick Brick Interior Partition/Wall		6.22
02 41 19 16-0030	SF	Demolish 8" Thick Brick Interior Partition/Wall		7.48
02 41 19 16-0031	SF	Demolish 12" Thick Brick Interior Partition/Wall		9.60
02 41 19 16-0032	SF	Demolish 16" Thick Brick Interior Partition/Wall		12.01
02 41 19 16-0033		Demolish Glass Block Interior Partition/Walls *(02 41 19 16-0016)*		
02 41 19 16-0034	SF	Demolish Glass Block Interior Partition/Walls		5.34
02 41 19 16-0035		Demolish Concrete Interior Partition/Walls *(02 41 19 16-0016)*		
		See CSI section 02 41 16 13-0010 for concrete foundation demolition.		
02 41 19 16-0036	SF	Demolish 6" Thick Non-Reinforced Concrete Interior Partition/Wall		11.31
02 41 19 16-0037	SF	Demolish 8" Thick Non-Reinforced Concrete Interior Partition/Wall		14.13
02 41 19 16-0038	SF	Demolish 12" Thick Non-Reinforced Concrete Interior Partition/Wall		19.78
02 41 19 16-0039	SF	Demolish 6" Thick Reinforced Concrete Interior Partition/Wall		13.56
02 41 19 16-0040	SF	Demolish 8" Thick Reinforced Concrete Interior Partition/Wall		17.06
02 41 19 16-0041	SF	Demolish 12" Thick Reinforced Concrete Interior Partition/Wall		23.74
02 41 19 16-0042		Demolish Terra-Cotta Block Interior Partition/Walls *(02 41 19 16-0016)*		
02 41 19 16-0043	SF	Demolish Up To 6" Thick Terra-Cotta Block Interior Partition/Wall Finished With Plaster		2.14
02 41 19 16-0044		Demolish Stud Framed Interior Partition/Walls *(02 41 19 16-0015)*		
		Note: Includes knock down, loading and cleanup. Includes demo of insulation if required.		
02 41 19 16-0045	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 1 Side		3.78
		For Heights >14' To 20', Add		*0.57*
		For Heights >20', Add		*0.76*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 16-0046	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 2 Sides	4.41	
		For Heights >14' To 20', Add	*0.66*	
		For Heights >20', Add	*0.88*	
02 41 19 16-0047	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 1 Side	4.83	
		For Heights >14' To 20', Add	*0.72*	
		For Heights >20', Add	*0.97*	
02 41 19 16-0048	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 2 Sides	6.72	
		For Heights >14' To 20', Add	*1.01*	
		For Heights >20', Add	*1.34*	
02 41 19 16-0049	SF	Demolish Plaster And Lath From 1 Side Of An Interior Partition/Wall	1.99	
		For Heights >14' To 20', Add	*0.30*	
		For Heights >20', Add	*0.40*	
02 41 19 16-0050	SF	Demolish Plaster And Lath From 2 Sides Of An Interior Partition/Wall	2.37	
		For Heights >14' To 20', Add	*0.36*	
		For Heights >20', Add	*0.47*	

02 42 Removal and Salvage of Construction Materials *(02 40)*

02 42 21 Salvage of Construction Materials *(02 42)*

Note: Includes placement on pallets and storage on site.

02 42 21 35 Roofing Salvage *(02 42 21)*

02 42 21 35-0001 Clay Tile Roofing Remove And Salvage For Re-use *(02 42 21 35)*

Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site.

02 42 21 35-0002	SQ	Removal Of Clay Roof Tile, Salvage For Re-use	348.40	

02 42 21 47 Flooring Salvage *(02 42 21)*

02 42 21 47-0001 Flooring Remove And Salvage For Re-Use *(02 42 21 47)*

Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site.

02 42 21 47-0002	SF	Removal Of Brick Flooring And Salvage	3.17	
02 42 21 47-0003	SF	Removal Of Ceramic/Quarry Tile Floor And Salvage	3.17	
02 42 21 47-0004	SF	Removal Of Terrazzo Flooring And Salvage	4.38	
02 42 21 47-0005	SF	Removal Of Wood Strip Flooring And Salvage	2.56	
02 42 21 47-0006	SF	Removal Of Wood Parquet Flooring And Salvage	1.35	
02 42 21 47-0007	SF	Removal Of Resilient/Linoleum Flooring And Salvage	0.97	

02 50 Site Remediation *(02)*

02 58 Snow Control *(02 50)*

02 58 13 Snow Fencing *(02 58)*

02 58 13 00-0001 Snow/Sand Fence On Steel Posts *(02 58 13)*

02 58 13 00-0002	LF	Steel Fence Post, 10' On Center With 4' Wood Snow/Sand Fence	8.79	2.52

02 60 Contaminated Site Material Removal *(02)*

02 61 Removal and Disposal of Contaminated Soils *(02 60)*

02 61 13 Excavation and Handling of Contaminated Material *(02 61)*

See CSI section 31 23 16 00-0000 for excavation.

02 61 13 00-0001 Excavate Petroleum Contaminated Soil *(02 61 13)*

02 61 13 00-0002	CY	Excavate Petroleum Contaminated Soil Note: Includes excavation, making a determination if the soil is reusable or contaminated, and stockpiling as per determination.	16.00	
02 61 13 00-0003	CY	Load Excavated Petroleum Contaminated Soil	9.36	
02 61 13 00-0004	CY	Disposal Fees Of Petroleum Contaminated Soil	119.82	

02 61 13 00-0005 Accessories For Contaminated Soil Stockpile *(02 61 13)*

See CSI section 31 25 14 23-0001 for sand bags.

02 61 13 00-0006	SF	30 Mil Liner For Contaminated Soil Storage Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.	1.71	
02 61 13 00-0007	SF	10 Mil Liner For Contaminated Soil Storage Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.	1.02	

02 61 26 Removal and Disposal of Asbestos Contaminated Soils *(02 61)*

Note: Includes materials, equipment, mobilization, preparation, signage, removal, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of CF for a quantity of less than 10 CF, followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

02 61 26 00-0001 Removal and Disposal of Asbestos Contaminated Soils *(02 61 26)*

Note: Includes materials, equipment, mobilization, preparation, signage, removal, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of CF for a quantity of less than 10 CF, followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project.

02 61 26 00-0002	EA	Up To 10 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	1,389.21	
		For Work In Restricted Working Space, Add	*416.76*	
02 61 26 00-0003	CF	>10 To 100 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	92.09	
		For Work In Restricted Working Space, Add	*27.63*	
02 61 26 00-0004	CF	>100 To 250 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	61.40	
		For Work In Restricted Working Space, Add	*18.42*	
02 61 26 00-0005	CF	>250 To 500 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	46.11	
		For Work In Restricted Working Space, Add	*13.83*	
02 61 26 00-0006	CF	>500 To 2,500 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	36.83	
		For Work In Restricted Working Space, Add	*11.05*	
02 61 26 00-0007	CF	>2,500 To 10,000 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	31.31	
		For Work In Restricted Working Space, Add	*9.39*	
02 61 26 00-0008	CF	>10,000 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	28.17	
		For Work In Restricted Working Space, Add	*8.45*	

02 65 Underground Storage Tank Removal *(02 60)*

Note: Petroleum gasoline is classified as a hazardous material; fuel oil is considered a non-hazardous material. See CSI section 01 74 19 00-0040 for hauling, 31 20 00 00-0000 for non-contaminated soil excavation, 31 23 16 00-0000 for excavation, 31 41 00 00-0000 for shoring.

02 65 00 00-0001 Monitoring, Sampling, Testing And Analysis *(02 65)*

02 65 00 00-0002 Field Samples For Testing Underground Storage Tank *(02 65 00 00-0001)*

02 65 00 00-0003	EA	Collection Of Sludge Sample For Underground Storage Tank	25.70
02 65 00 00-0004	EA	Collection Of Pumpable Liquids Sample For Underground Storage Tank	25.70
02 65 00 00-0005	EA	Collection Of Contaminated Soil Sample	25.70

02 65 00 00-0006 Lab Tests For Underground Storage Tank Removal *(02 65 00 00-0001)*

Note: Includes lab test fees, reports, shipping, handling, chain of custody documents and disposal of sample.

02 65 00 00-0007	EA	Benzene, Toluene, Ethylbenzene, Xylene 8020, Lab Test Note: The cost is for the in-lab test for Benzene, Toluene, Ethylbenzene, And Xylene using procedure 8020 as detailed in EPA SW-846.	214.08
02 65 00 00-0008	EA	Flashpoint, Lab Test Note: The cost is for the in-lab test for the flashpoint using procedure 40CFR 261.21 as detailed in EPA SW-846.	83.25
02 65 00 00-0009	EA	TOX 9020, Lab Test Note: The cost is for the in-lab test for total organic halides using procedure 9020 as detailed in EPA SW-846.	200.28
02 65 00 00-0010	EA	TPH 8015 Modified, Lab Test Note: The cost is for the in-lab test for total petroleum hydrocarbons by gas chromatography using procedure 8015 Mod. as detailed in EPA SW-846.	214.08
02 65 00 00-0011	EA	TRPH 418.1, Lab Test Note: The cost is for the in-lab test for total recoverable petroleum hydrocarbons using procedure 418.1 as detailed in EPA SW-846.	166.51
02 65 00 00-0012	EA	VOC, Lab Test Note: The cost is for the in-lab test for volatile organics using procedure 8240 as detailed in EPA SW-846.	451.95
02 65 00 00-0013	EA	Semi-Volatile Organic, Lab Test Note: The cost is for the in-lab test for semi-volatile organics using procedure 8270 as detailed in EPA SW-846.	832.54
02 65 00 00-0014	EA	Oil And Grease 413.1, Lab Test Note: The cost is for the in-lab test for oil and grease using procedure 413.1 as detailed in EPA SW-846.	100.14
02 65 00 00-0015	EA	TCLP (Extraction) - Metals, Lab Test Note: The cost is for the in-lab test for toxicity characteristics leaching procedures using procedure 1311 as detailed in EPA SW-846.	178.40
02 65 00 00-0016	EA	TCLP (Extraction) - Semi-Volatile Organic, Lab Test Note: The cost is for the in-lab test for toxicity characteristics leaching procedures using procedure 1311 as detailed in EPA SW-846.	237.87
02 65 00 00-0017	EA	Metals 6010 RCRA, Lab Test Note: The cost is for the in-lab test for metals using procedure 6010 RCRA as detailed in EPA SW-846.	266.41
02 65 00 00-0018	EA	Metals (Arsenic) 7060, Lab Test Note: The cost is for the in-lab test for the metal arsenic using procedure 7060 as detailed in EPA SW-846.	35.68
02 65 00 00-0019	EA	Metals (Selenium) 7740, Lab Test Note: The cost is for the in-lab test for the metal selenium (SE) using procedure 7740 as detailed in EPA SW-846.	35.68
02 65 00 00-0020	EA	Metals (Lead) 7421, Lab Test Note: The cost is for the in-lab test for the metal lead using procedure 7421 as detailed in EPA SW-846.	35.68
02 65 00 00-0021	EA	Metals (Mercury) 7470, Lab Test Note: The cost is for the in-lab test for the metal mercury using procedure 7470 as detailed in EPA SW-846.	66.60
02 65 00 00-0022	EA	PNA/PAH 8100, Lab Test Note: The cost is for the in-lab test for polynuclear aromatic hydrocarbons using procedure 8100 as detailed in EPA SW-846.	380.59
02 65 00 00-0023	EA	Fuel Id ASTM D3328-78, Lab Test Note: The cost is for the in-lab test to determine the constituents of fuel using the procedure as detailed in ASTM D3328-78.	137.69
02 65 00 00-0024	EA	pH, Lab Test	28.54
02 65 00 00-0025	EA	Lab Test - Polychlorinated Biphenyl (PCB) In Wastewater	356.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 65 00 00-0026	EA	Methyl Tertiary Butyl Ether (MTBE), Lab Test	214.08	
02 65 00 00-0027		**Tests, Surveys And Maintenance For Underground Storage Tank** *(02 65 00 00-0001)*		
02 65 00 00-0028	EA	Site Survey For AST/UST Location By Certified Tank Installer Note: Includes testing Pump output both tank and dispenser, Calibrate pump dispenser if needed, Check all sumps both tank and dispenser, check all fitting connections for leaks and check wiring connection for possible malfunction or safety hazard, check seals on caps for fill tube, check overfill performance for safety shutdown, check all hoses and pump handle, check break-away couplings, complete written report on all data found.	1,170.14	
02 65 00 00-0029	EA	Check Cathodic Protection - Impressed Current Systems And Sacrificial Anode Systems Note: By Certified Technician. Write report of findings for action if needed	205.87	
02 65 00 00-0030	EA	Check And Report On Monitor Probes. Note: By Certified Technician	47.49	
02 65 00 00-0031	EA	Tank Monitoring System: Check System Per Manufacturer's Specification By Certified Technician With Written Report Note: Including pass / fail; paper feed operational paper installed etc.; and status of inspection repairs needed etc.	332.17	
02 65 00 00-0032	EA	Removal And Replacement Of Anode On Impressed System	157.28	
02 65 00 00-0033	EA	Removal And Replacement Of Power Converter On Impressed System On Underground Storage Tank	226.75	
02 65 00 00-0034	EA	Removal And Replacement Of Monitor Probes On Underground Storage Tank	320.92	
02 65 00 00-0035	EA	Ultrasonic Test On Underground Storage Tank	220.82	
02 65 00 00-0036		**Tests And Sampling Labor Hours** *(02 65 00 00-0001)*		
02 65 00 00-0037	HR	Certified Tank Installer For Underground Storage Tank	123.98	
02 65 00 00-0038	HR	Certified Geologist/Environmentalist	126.40	
02 65 00 00-0039	HR	Hourly Office Work For Reports Required For EPA On Underground Storage Tank Note: Includes title searches, well survey data, site drawings, submitting preliminary work, etc. Hours not to be used in association with other tasks performed.	135.94	
02 65 00 00-0040		**Remove Tank Contents** *(02 65)*		
02 65 00 00-0041		**Transfer Liquid** *(02 65 00 00-0040)* Note: For use to transfer liquids from one tank to another.		
02 65 00 00-0042	GAL	Transfer Reusable Liquid To Different Tank Note: Per gallon of material transferred.	0.73	
02 65 00 00-0043		**Remove And Dispose Of Liquid From Tank** *(02 65 00 00-0040)*		
02 65 00 00-0044	GAL	Removal and Disposal Of Hazardous Liquids From Tank	2.56	
02 65 00 00-0045	GAL	Removal and Disposal Of Non-Hazardous Liquid From Tank	1.15	
02 65 00 00-0046		**Remove And Dispose Of Solids Or Sludge** *(02 65 00 00-0040)* Note: Includes scraping and solidifying agent.		
02 65 00 00-0047	GAL	Removal and Disposal Of Hazardous Solids Or Sludge From Tank	8.17	
02 65 00 00-0048	GAL	Removal and Disposal Of Non-Hazardous Solids Or Sludge From Tank	1.96	
02 65 00 00-0049		**Purge Vapors, Open And Clean Tank** *(02 65)*		
02 65 00 00-0050		**Purge Vapors** *(02 65 00 00-0049)*		
02 65 00 00-0051	LB	Purge Tank Using Dry Ice Note: Approximately 1.5 To 3.0 Lb. of dry ice per 100 Gallons of tank volume.	4.53	
02 65 00 00-0052		**High Pressure Water Wash And Rinse Of Tank Interior** *(02 65 00 00-0049)* Note: Includes removal and disposal of rinse water.		
02 65 00 00-0053	EA	Up To 275 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	396.85	
02 65 00 00-0054	EA	>275 To 550 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	524.77	
02 65 00 00-0055	EA	>550 To 1,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	687.14	
02 65 00 00-0056	EA	>1,000 To 2,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	944.00	
02 65 00 00-0057	EA	>2,000 To 5,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	1,854.41	
02 65 00 00-0058	EA	>5,000 To 6,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	2,229.60	
02 65 00 00-0059	EA	>6,000 To 8,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	2,581.95	
02 65 00 00-0060	EA	>8,000 To 10,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	3,127.95	
02 65 00 00-0061	EA	>10,000 To 15,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	4,078.75	
02 65 00 00-0062	EA	>15,000 To 20,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	4,903.11	
02 65 00 00-0063	EA	>20,000 To 30,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	6,239.87	
02 65 00 00-0064	EA	>30,000 To 40,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	7,652.39	
02 65 00 00-0065	EA	>40,000 To 50,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	9,305.48	
02 65 00 00-0066		**Scrape Clean Tank Exterior** *(02 65 00 00-0049)*		
02 65 00 00-0067	EA	Up To 275 Gallon Tank, Scrape Clean Tank Exterior	277.13	
02 65 00 00-0068	EA	>275 To 550 Gallon Tank, Scrape Clean Tank Exterior	369.03	
02 65 00 00-0069	EA	>550 To 1,000 Gallon Tank, Scrape Clean Tank Exterior	483.57	
02 65 00 00-0070	EA	>1,000 To 2,000 Gallon Tank, Scrape Clean Tank Exterior	669.63	
02 65 00 00-0071	EA	>2,000 To 5,000 Gallon Tank, Scrape Clean Tank Exterior	1,482.93	
02 65 00 00-0072	EA	>5,000 To 6,000 Gallon Tank, Scrape Clean Tank Exterior	1,877.69	
02 65 00 00-0073	EA	>6,000 To 8,000 Gallon Tank, Scrape Clean Tank Exterior	2,197.24	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 65 00 00-0074	EA	>8,000 To 10,000 Gallon Tank, Scrape Clean Tank Exterior	2,762.24	
02 65 00 00-0075	EA	>10,000 To 15,000 Gallon Tank, Scrape Clean Tank Exterior	3,590.24	
02 65 00 00-0076	EA	>15,000 To 20,000 Gallon Tank, Scrape Clean Tank Exterior	4,506.46	
02 65 00 00-0077	EA	>20,000 To 30,000 Gallon Tank, Scrape Clean Tank Exterior	5,867.79	
02 65 00 00-0078	EA	>30,000 To 40,000 Gallon Tank, Scrape Clean Tank Exterior	7,041.34	
02 65 00 00-0079	EA	>40,000 To 50,000 Gallon Tank, Scrape Clean Tank Exterior	8,801.68	

02 65 00 00-0080 Tank And Piping Removal *(02 65)*

Note: Excludes excavation.

02 65 00 00-0081 Removal And Disposal Of Piping *(02 65 00 00-0080)*

Note: Includes removal, inspection, loading, transporting pipe to disposal facility or transfer station within 15 miles and disposal fees.

02 65 00 00-0082	LF	Up To 4", Removal And Disposal Of Piping	22.21	
02 65 00 00-0083	LF	>4" To 8", Removal And Disposal Of Piping	29.62	

02 65 00 00-0084 Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement *(02 65 00 00-0080)*

Note: Excludes excavation or backfill.

02 65 00 00-0085	EA	Up To 275 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	807.10	
02 65 00 00-0086	EA	>275 To 550 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	980.04	
02 65 00 00-0087	EA	>550 To 1,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	1,153.00	
02 65 00 00-0088	EA	>1,000 To 2,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	1,441.24	
02 65 00 00-0089	EA	>2,000 To 5,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	2,017.72	
02 65 00 00-0090	EA	>5,000 To 6,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	2,536.57	
02 65 00 00-0091	EA	>6,000 To 8,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	2,882.47	
02 65 00 00-0092	EA	>8,000 To 10,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	3,458.97	
02 65 00 00-0093	EA	>10,000 To 15,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	4,611.95	
02 65 00 00-0094	EA	>15,000 To 20,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	5,528.72	
02 65 00 00-0095	EA	>20,000 To 30,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	6,478.52	
02 65 00 00-0096	EA	>30,000 To 40,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	7,579.31	
02 65 00 00-0097	EA	>40,000 To 50,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	9,474.13	

02 65 00 00-0098 Cut Tank Into Sections That Can Easily Be Transported And Disposed Of When Necessary *(02 65 00 00-0080)*

Note: Includes 1 lengthwise at every 4' on-center height wise.

02 65 00 00-0099	EA	>1,000 To 2,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	949.20	
02 65 00 00-0100	EA	>2,000 To 5,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	1,770.13	
02 65 00 00-0101	EA	>5,000 To 6,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	2,129.28	
02 65 00 00-0102	EA	>6,000 To 8,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	2,372.99	
02 65 00 00-0103	EA	>8,000 To 10,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	2,847.59	
02 65 00 00-0104	EA	>10,000 to 15,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	3,540.25	
02 65 00 00-0105	EA	>15,000 to 20,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	4,258.57	
02 65 00 00-0106	EA	>20,000 To 30,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	5,323.21	
02 65 00 00-0107	EA	>30,000 To 40,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	6,654.02	
02 65 00 00-0108	EA	>40,000 To 50,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	8,317.51	

02 65 00 00-0109 Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station *(02 65 00 00-0080)*

Note: Includes disposal fee.

02 65 00 00-0110	EA	Up To 275 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	410.07	
		For Each Additional Mile >15 Miles, Add	*5.43*	
02 65 00 00-0111	EA	>275 To 550 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	563.68	
		For Each Additional Mile >15 Miles, Add	*6.85*	
02 65 00 00-0112	EA	>550 To 1,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	893.77	
		For Each Additional Mile >15 Miles, Add	*10.28*	
02 65 00 00-0113	EA	>1,000 To 2,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	1,444.83	
		For Each Additional Mile >15 Miles, Add	*12.00*	
02 65 00 00-0114	EA	>2,000 To 5,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	2,550.25	
		For Each Additional Mile >15 Miles, Add	*21.14*	
02 65 00 00-0115	EA	>5,000 To 6,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	2,618.79	
		For Each Additional Mile >15 Miles, Add	*22.85*	
02 65 00 00-0116	EA	>6,000 To 8,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	2,733.03	
		For Each Additional Mile >15 Miles, Add	*25.70*	
02 65 00 00-0117	EA	>8,000 To 10,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	4,008.61	
		For Each Additional Mile >15 Miles, Add	*34.27*	
02 65 00 00-0118	EA	>10,000 To 15,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	5,433.91	
		For Each Additional Mile >15 Miles, Add	*51.41*	
02 65 00 00-0119	EA	>15,000 To 20,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	6,402.23	
		For Each Additional Mile >15 Miles, Add	*57.12*	
02 65 00 00-0120	EA	>20,000 To 30,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	7,952.87	
		For Each Additional Mile >15 Miles, Add	*68.55*	
02 65 00 00-0121	EA	>30,000 To 40,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	11,331.95	
		For Each Additional Mile >15 Miles, Add	*82.26*	
02 65 00 00-0122	EA	>40,000 To 50,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	13,755.49	
		For Each Additional Mile >15 Miles, Add	*94.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 65 00 00-0123		Other Storage Tank Removals *(02 65 00 00-0080)* Note: Based on tank gallon size		
02 65 00 00-0124	GAL	Removal Of Cement Lining	0.69	
02 65 00 00-0125	GAL	Sandblast Tank In Prep For Lining Or Welding; Remove Sand, Vacuum Walls And Seams	0.25	
02 65 00 00-0126	GAL	Install Epoxy For Interior Corrosion Protection	1.22	
02 65 00 00-0127		Tank Closure Report *(02 65 00 00-0080)* Note: Excludes soils tests. See CSI section 02 65 00 00-0006 for soil tests.		
02 65 00 00-0128	EA	Prepare Tank Closure Report	3,417.92	
02 65 00 00-0129		Temporary Tanks *(02 65)*		
02 65 00 00-0130		Temporary Holding Tanks *(02 65 00 00-0129)*		
02 65 00 00-0131		Above Ground Temporary Holding Tanks, Monthly Rental *(02 65 00 00-0130)*		
02 65 00 00-0132	MO	550 Gallon, Stainless Steel, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental	989.85	
02 65 00 00-0133	MO	630 Gallon, Polyethylene, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental	989.85	
02 65 00 00-0134	MO	630 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental	1,979.69	
02 65 00 00-0135	MO	4,000 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental	1,484.77	
02 65 00 00-0136	MO	4,000 Gallon, Polyethylene, Trailer Mounted, Above Ground Temporary Holding Tanks, Monthly Rental	3,464.47	
02 65 00 00-0137	MO	6,000 Gallon, Polyethylene, Total Drain, Above Ground Temporary Holding Tanks, Monthly Rental	2,474.62	
02 65 00 00-0138	MO	21,000 Gallon (500 BBL), Steel, Open, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental	4,798.87	
02 65 00 00-0139	MO	21,000 Gallon (500 BBL), Steel, Closed, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental	5,751.03	
02 65 00 00-0140	MO	21,000 Gallon (500 BBL), Steel, Vapor Proof, Above Ground Temporary Holding Tanks, Monthly Rental	9,712.01	
02 65 00 00-0141		Secondary Containment Berm *(02 65 00 00-0129)*		
02 65 00 00-0142	MO	Secondary Containment Berm Monthly Rental	2,144.67	

02 80 Facility Remediation *(02)*

02 81 Transportation and Disposal of Hazardous Materials *(02 80)*

02 81 00 00-0001		Equipment Oil Drain And Disposal *(02 81)*		
02 81 00 00-0002	TRIP	Drain Oil Filled Equipment, Place In Approved Container And Transport To Disposal Site Note: Excludes Disposal Cost.	695.06	
02 81 00 00-0003	DRM	Disposal Of Non-Polychlorinated Biphenyl (PCB) Oil In Normal Landfill, Per Partial Or Full 55-Gallon Drum Note: Excludes draining, placing in approved container, and transporting to disposal site.	109.22	
02 81 00 00-0004	DRM	Disposal Of Non-Toxic Polychlorinated Biphenyl (PCB) Oil Into A Lined Landfill, Per Partial Or Full 55-Gallon Drum Note: Excludes draining, placing in approved container, and transporting to disposal site.	496.48	
02 81 00 00-0005	DRM	Disposal of Toxic Polychlorinated Biphenyl (PCB) Oil By Incineration, Per Partial Or Full 55-Gallon Drum Note: Excludes draining, placing in approved container, and transporting to disposal site.	893.66	
02 81 00 00-0006	CF	Hazardous Polychlorinated Biphenyl (PCB) Oil Filled Equipment Disposal At Approved Site Note: Includes handling of equipment and disposal at approved site. Excludes draining of PCB contaminated oil prior to disposal.	119.20	

02 82 Asbestos Remediation *(02 80)*

See CSI section 01 56 16 00-0023 for temporary stud walls, 01 74 19 00-0040 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0008 for plastic sheeting for containment construction, 02 89 00 00-0020 for decontamination chambers.

02 82 13 Asbestos Abatement *(02 82)*

02 82 13 00-0001		Air Monitoring And Bulk Sampling, Asbestos Testing *(02 82 13)* Note: Includes packaging of sample for shipping, shipping to testing lab, chain of custody documentation, analysis of sample, lab report, and sample disposal. Polarizing Light Microscope (PLM), Phase Contrast Microscope (PCM), and Transmission Electron Microscope (TEM). Excludes sampling time.		
02 82 13 00-0002	HR	Certified Asbestos Air Sampling Technician For Bulk Sampling Or Air Monitoring	112.57	
02 82 13 00-0003	EA	48 Hours Or Longer Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	64.66	
02 82 13 00-0004	EA	Next Day Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	75.81	
02 82 13 00-0005	EA	Same Day Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	120.41	
02 82 13 00-0006	EA	48 Hours Or Longer Turnaround, (Bulk) TEM Test, Asbestos Testing	207.37	
02 82 13 00-0007	EA	Next Day Turnaround, (Bulk) TEM Test, Asbestos Testing	251.97	
02 82 13 00-0008	EA	48 Hours Or Longer Turnaround, (Air) PCM Test, Asbestos Testing	51.29	
02 82 13 00-0009	EA	Next Day Turnaround, (Air) PCM Test, Asbestos Testing	62.43	
02 82 13 00-0010	EA	Same Day Turnaround, (Air) PCM Test, Asbestos Testing	84.73	
02 82 13 00-0011	EA	48 Hours Or Longer Turnaround, (Air Point Counting) PLM Test	64.66	
02 82 13 00-0012	EA	Next Day Turnaround, (Air Point Counting) PLM Test	75.81	
02 82 13 00-0013	EA	Same Day Turnaround, (Air Point Counting) PLM Test	120.41	
02 82 13 00-0014	EA	48 Hours Or Longer Turnaround, (Air) TEM Test, Asbestos Testing	207.37	
02 82 13 00-0015	EA	Next Day Turnaround, (Air) TEM Test, Asbestos Testing	238.59	
02 82 13 00-0016	EA	Same Day Turnaround, (Air) TEM Test, Asbestos Testing	332.24	

02 82 16 Engineering Control of Asbestos Containing Materials *(02 82)*

02 82 16 00-0001		Asbestos Encapsulation (Lock-Down) *(02 82 16)*		
02 82 16 00-0002	SF	Asbestos Encapsulant Spray Adhesive (Lock-Down), Per Coat	1.86	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 16 00-0003	SF	Asbestos Binding Compound Encapsulant/Sealant, Per Coat Required (Fiberlock® ABC® Asbestos Binding Compound)	2.52	
02 82 16 00-0004	SF	Asbestos Fiberspray Encapsulation (Fiberlock® ABC Fiberspray®)	2.71	
02 82 16 00-0005	SF	Asbestos Acrylic Encasement/Encapsulation (Fiberlock® Lag-Kote®)	2.97	
02 82 16 00-0006	SF	Water Activated Repair Cloth Encapsulant (Fiberlock® Lag-Kwik®)	9.02	
02 82 16 00-0007	SF	Water Activated Repair Cloth Encapsulant (Fiberlock® Lag-Kloth®)	10.20	

02 82 33 Removal and Disposal of Asbestos Containing Materials *(02 82)*

Note: Includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, lockdown encapsulant applied to surfaces, bagging, cleanup, vacuuming, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of SET for a quantity of less than 10 LF or SF (10 LF to 20 LF for ACM pipe insulation), followed by a series of tasks for other quantities. The SET task includes portion for set-up and mobilization. For those tasks the contractor will be paid the first task of SET with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project.

02 82 33 00-0001 Pipe And Pipe Fittings Insulation, Asbestos Abatement And Disposal *(02 82 33)*

02 82 33 00-0002 Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0001)*

Note: Diameter is outer size of insulation. Treat fittings as additional linear feet of insulation.

02 82 33 00-0003 Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0002)*

See CSI section 02 82 33 00-0031 for projects with less than 10 LF.

02 82 33 00-0004	SET	Up To 20 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	1,416.91	
		For Work In Restricted Working Space, Add	*416.76*	
02 82 33 00-0005	LF	>20 To 250 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	48.74	
		For Work In Restricted Working Space, Add	*14.21*	
02 82 33 00-0006	LF	>250 To 500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	36.90	
		For Work In Restricted Working Space, Add	*10.66*	
02 82 33 00-0007	LF	>500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	28.02	
		For Work In Restricted Working Space, Add	*7.99*	
02 82 33 00-0008	LF	>2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	21.36	
		For Work In Restricted Working Space, Add	*5.99*	
02 82 33 00-0009	LF	>10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	18.76	
		For Work In Restricted Working Space, Add	*5.21*	

02 82 33 00-0010 >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0002)*

See CSI section 02 82 33 00-0031 for projects with less than 10 LF.

02 82 33 00-0011	SET	Up To 20 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	1,444.61	
		For Work In Restricted Working Space, Add	*416.76*	
02 82 33 00-0012	LF	>20 To 250 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	57.23	
		For Work In Restricted Working Space, Add	*16.34*	
02 82 33 00-0013	LF	>250 To 500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	43.61	
		For Work In Restricted Working Space, Add	*12.25*	
02 82 33 00-0014	LF	>500 To 2,500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	33.40	
		For Work In Restricted Working Space, Add	*9.19*	
02 82 33 00-0015	LF	>2,500 To 10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	25.74	
		For Work In Restricted Working Space, Add	*6.89*	
02 82 33 00-0016	LF	>10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	22.75	
		For Work In Restricted Working Space, Add	*5.99*	

02 82 33 00-0017 >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0002)*

See CSI section 02 82 33 00-0031 for projects with less than 10 LF.

02 82 33 00-0018	SET	Up To 20 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal	1,472.31	
		For Work In Restricted Working Space, Add	*416.76*	
02 82 33 00-0019	LF	>20 To 250 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal	76.31	
		For Work In Restricted Working Space, Add	*21.79*	
02 82 33 00-0020	LF	>250 To 500 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal	58.14	
		For Work In Restricted Working Space, Add	*16.34*	
02 82 33 00-0021	LF	>500 To 2,500 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal	44.53	
		For Work In Restricted Working Space, Add	*12.25*	
02 82 33 00-0022	LF	>2,500 To 10,000 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal	34.31	
		For Work In Restricted Working Space, Add	*9.19*	
02 82 33 00-0023	LF	>10,000 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal	30.33	
		For Work In Restricted Working Space, Add	*7.99*	

02 82 33 00-0024 >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0002)*

See CSI section 02 82 33 00-0031 for projects with less than 10 LF.

02 82 33 00-0025	SET	Up To 20 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal	1,500.01	
		For Work In Restricted Working Space, Add	*416.76*	
02 82 33 00-0026	LF	>20 To 250 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal	104.94	
		For Work In Restricted Working Space, Add	*29.96*	
02 82 33 00-0027	LF	>250 To 500 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal	79.96	
		For Work In Restricted Working Space, Add	*22.46*	
02 82 33 00-0028	LF	>500 To 2,500 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal	61.24	
		For Work In Restricted Working Space, Add	*16.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0029	LF	>2,500 To 10,000 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal	47.18	
		For Work In Restricted Working Space, Add	*12.63*	
02 82 33 00-0030	LF	>10,000 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal	41.71	
		For Work In Restricted Working Space, Add	*10.99*	

02 82 33 00-0031 Glove Bag Method, Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0002)*

Note: Solid isolation barriers and plastic sheeting for containment construction (except on floor) are not required for glove bag projects unless required by local codes.

02 82 33 00-0032	SET	Glove Bag For First 3 LF Pipe Insulation, Asbestos Abatement And Disposal	908.87	
		For Work In Restricted Working Space, Add	*270.17*	
02 82 33 00-0033	LF	>3 To 20 LF Additional Glove Bag Work for Pipe Insulation	152.86	
		For Work In Restricted Working Space, Add	*45.03*	
02 82 33 00-0034	LF	>20 To 250 LF Additional Glove Bag Work for Pipe Insulation	61.03	
		For Work In Restricted Working Space, Add	*17.48*	
02 82 33 00-0035	LF	>250 To 500 LF Additional Glove Bag Work for Pipe Insulation	46.46	
		For Work In Restricted Working Space, Add	*13.11*	
02 82 33 00-0036	LF	>500 LF Additional Glove Bag Work for Pipe Insulation	35.54	
		For Work In Restricted Working Space, Add	*9.83*	

02 82 33 00-0037 Thermal Insulation, Asbestos Abatement And Disposal *(02 82 33)*

02 82 33 00-0038 Other Thermal Insulation, Up To 3" Thickness, Asbestos Abatement And Disposal *(02 82 33 00-0037)*

Note: e.g., duct, boiler, tank, etc.

02 82 33 00-0039	SET	Up To 25 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	1,406.52
02 82 33 00-0040	SF	>25 To 500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	48.05
02 82 33 00-0041	SF	>500 To 2,500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	37.99
02 82 33 00-0042	SF	>2,500 To 10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	28.66
02 82 33 00-0043	SF	>10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	21.67

02 82 33 00-0044 Surfacing Material, Asbestos Abatement And Disposal *(02 82 33)*

02 82 33 00-0045 Fireproofing For Small Areas, Asbestos Abatement And Disposal *(02 82 33 00-0044)*

Note: For asbestos abatement for up to 1 SF sections to expose area for attachments. See CSI section 02 82 33 00-0047 for areas > 1 SF see CSI section.

02 82 33 00-0046	EA	Up To 1 SF, Fireproofing For Small Areas, Asbestos Abatement And Disposal	232.23
		Note: For asbestos abatement for up to 1 SF sections to expose steel area for welding attachments.	

02 82 33 00-0047 Fireproofing, Asbestos Abatement And Disposal *(02 82 33 00-0044)*

Note: Exposed surface area, includes associated overspray.

02 82 33 00-0048	SET	Up To 25 SF, Fireproofing, Asbestos Abatement And Disposal	1,406.52
02 82 33 00-0049	SF	>25 To 500 SF, Fireproofing, Asbestos Abatement And Disposal	57.51
02 82 33 00-0050	SF	>500 To 2,500 SF, Fireproofing, Asbestos Abatement And Disposal	43.29
02 82 33 00-0051	SF	>2,500 To 10,000 SF, Fireproofing, Asbestos Abatement And Disposal	32.64
02 82 33 00-0052	SF	>10,000 SF, Fireproofing, Asbestos Abatement And Disposal	24.65

02 82 33 00-0053 Acoustical Plaster, Asbestos Abatement And Disposal *(02 82 33 00-0044)*

Note: Remove surface coat from brown coat or remove entire assembly, including lathe and finish materials.

02 82 33 00-0054	SET	Up To 25 SF, Acoustical Plaster, Asbestos Abatement And Disposal	1,400.75
02 82 33 00-0055	SF	>25 To 500 SF, Acoustical Plaster, Asbestos Abatement And Disposal	24.19
02 82 33 00-0056	SF	>500 To 2,500 SF, Acoustical Plaster, Asbestos Abatement And Disposal	18.40
02 82 33 00-0057	SF	>2,500 To 10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal	13.77
02 82 33 00-0058	SF	>10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal	10.30

02 82 33 00-0059 Gypsum Wall Board, Asbestos Abatement And Disposal *(02 82 33 00-0044)*

02 82 33 00-0060	SET	Up To 50 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	1,412.30	
		For Additional Layer, Add	*382.03*	
02 82 33 00-0061	SF	>50 To 500 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	18.70	
		For Additional Layer, Add	*5.02*	
02 82 33 00-0062	SF	>500 To 2,500 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	13.77	
		For Additional Layer, Add	*3.66*	
02 82 33 00-0063	SF	>2,500 To 10,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	10.87	
		For Additional Layer, Add	*2.86*	
02 82 33 00-0064	SF	>10,000 To 50,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	8.57	
		For Additional Layer, Add	*2.23*	
02 82 33 00-0065	SF	>50,000 To 100,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	6.83	
		For Additional Layer, Add	*1.75*	
02 82 33 00-0066	SF	>100,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	5.55	
		For Additional Layer, Add	*1.40*	

02 82 33 00-0067 Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal *(02 82 33 00-0044)*

02 82 33 00-0068	SET	Up To 25 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	1,400.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0069	SF	>25 To 500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	35.08	
02 82 33 00-0070	SF	>500 To 2,500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	25.81	
02 82 33 00-0071	SF	>2,500 To 10,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	20.25	
02 82 33 00-0072	SF	>10,000 To 50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	15.86	
02 82 33 00-0073	SF	>50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	11.46	
02 82 33 00-0074		**Stucco, Asbestos Abatement And Disposal** *(02 82 33 00-0044)*		
02 82 33 00-0075	SET	Up To 50 SF, Stucco, Asbestos Abatement And Disposal	1,412.30	
02 82 33 00-0076	SF	>50 To 500 SF, Stucco, Asbestos Abatement And Disposal	30.67	
02 82 33 00-0077	SF	>500 To 2,500 SF, Stucco, Asbestos Abatement And Disposal	23.08	
02 82 33 00-0078	SF	>2,500 To 10,000 SF, Stucco, Asbestos Abatement And Disposal	17.46	
02 82 33 00-0079	SF	>10,000 SF, Stucco, Asbestos Abatement And Disposal	13.19	
02 82 33 00-0080		**Spray On Acoustical Ceiling, Asbestos Abatement And Disposal** *(02 82 33 00-0044)*		
02 82 33 00-0081	SET	Up To 50 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	1,412.30	
02 82 33 00-0082	SF	>50 To 500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	15.89	
02 82 33 00-0083	SF	>500 To 2,500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	12.50	
02 82 33 00-0084	SF	>2,500 To 10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	9.15	
02 82 33 00-0085	SF	>10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	6.96	
02 82 33 00-0086		**Plywood, Asbestos Abatement And Disposal** *(02 82 33 00-0044)*		
02 82 33 00-0087	SET	Up To 40 SF, Plywood, Asbestos Abatement And Disposal	1,407.68	
02 82 33 00-0088	SF	>50 To 500 SF, Plywood, Asbestos Abatement And Disposal	20.15	
02 82 33 00-0089	SF	>500 To 2,500 SF, Plywood, Asbestos Abatement And Disposal	9.93	
02 82 33 00-0090	SF	>2,500 To 10,000 SF, Plywood, Asbestos Abatement And Disposal	6.85	
02 82 33 00-0091	SF	>10,000 SF, Plywood, Asbestos Abatement And Disposal	5.90	
02 82 33 00-0092		**Flooring Material, Asbestos Abatement And Disposal** *(02 82 33)*		
02 82 33 00-0093		**Floor Tile, Linoleum, Carpet Or Base, Asbestos Abatement And Disposal** *(02 82 33 00-0092)*		
02 82 33 00-0094		**Floor Tile, Asbestos Abatement And Disposal** *(02 82 33 00-0093)*		
		Note: Single layer or first of multiple layers. Excludes mastic.		
02 82 33 00-0095	SET	Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal	1,393.83	
		For Each Additional Layer, Add	*209.07*	
02 82 33 00-0096	SF	>100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal	9.93	
		For Each Additional Layer, Add	*1.49*	
02 82 33 00-0097	SF	>500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal	8.15	
		For Each Additional Layer, Add	*1.22*	
02 82 33 00-0098	SF	>2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal	6.54	
		For Each Additional Layer, Add	*0.98*	
02 82 33 00-0099	SF	>10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal	4.57	
		For Each Additional Layer, Add	*0.69*	
02 82 33 00-0100		**Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal** *(02 82 33 00-0093)*		
		Note: Single layer or first of multiple layers. Excludes mastic.		
02 82 33 00-0101	SET	Up To 100 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal	1,393.83	
		For Each Additional Layer, Add	*209.07*	
02 82 33 00-0102	SF	>100 To 500 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal	9.93	
		For Each Additional Layer, Add	*1.49*	
02 82 33 00-0103	SF	>500 To 2,500 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal	8.19	
		For Each Additional Layer, Add	*1.23*	
02 82 33 00-0104	SF	>2,500 To 10,000 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal	7.45	
		For Each Additional Layer, Add	*1.12*	
02 82 33 00-0105	SF	>10,000 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal	6.05	
		For Each Additional Layer, Add	*0.91*	
02 82 33 00-0106		**Carpet, Asbestos Abatement And Disposal** *(02 82 33 00-0093)*		
02 82 33 00-0107	SET	Up To 100 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal	1,393.83	
02 82 33 00-0108	SF	>100 To 500 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal	7.84	
02 82 33 00-0109	SF	>500 To 2,500 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal	6.38	
02 82 33 00-0110	SF	>2,500 To 10,000 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal	4.71	
02 82 33 00-0111	SF	>10,000 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal	3.62	
02 82 33 00-0112		**Wall Or Cove Base, Asbestos Abatement And Disposal** *(02 82 33 00-0093)*		
		Note: Up to 12".		
02 82 33 00-0113	SET	Up To 25 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	468.84	
02 82 33 00-0114	LF	>25 To 100 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	6.40	
02 82 33 00-0115	LF	>100 To 500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	3.93	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0116	LF	>500 To 2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	2.55	
02 82 33 00-0117	LF	>2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	1.86	
02 82 33 00-0118		**Mastic, Asbestos Abatement And Disposal** *(02 82 33 00-0092)*		
		Note: Applies to single layer or bottom layer only of multiple layers. Non-hydrocarbon with pine, citrus or no odor.		
02 82 33 00-0119	SET	Up To 100 SF, Mastic, Asbestos Abatement And Disposal	1,400.76	
		Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0120	SF	>100 To 500 SF, Mastic, Asbestos Abatement And Disposal	3.58	
		Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0121	SF	>500 To 2,500 SF, Mastic, Asbestos Abatement And Disposal	2.66	
		Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0122	SF	>2,500 To 10,000 SF, Mastic, Asbestos Abatement And Disposal	2.08	
		Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0123	SF	>10,000 SF, Mastic, Asbestos Abatement And Disposal	1.69	
		Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0124		**Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal** *(02 82 33 00-0092)*		
		Note: Includes finish wood, asbestos barrier paper, cleanup of sub-wood floor, fasteners, wood fillers and protection of clean crawl space from contamination.		
02 82 33 00-0125	SET	Up To 100 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	1,435.38	
02 82 33 00-0126	SF	>100 To 500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	11.40	
02 82 33 00-0127	SF	>500 To 2,500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	8.45	
02 82 33 00-0128	SF	>2,500 To 10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	6.71	
02 82 33 00-0129	SF	>10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	5.32	
02 82 33 00-0130		**Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal** *(02 82 33 00-0092)*		
02 82 33 00-0131	SET	Up To 100 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal	1,412.28	
02 82 33 00-0132	SF	>100 To 500 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal	12.61	
02 82 33 00-0133	SF	>500 To 2,500 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal	8.34	
		Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0134	SF	>2,500 To 10,000 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal	6.60	
02 82 33 00-0135	SF	>10,000 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal	5.44	
02 82 33 00-0136		**Roofing, Asbestos Abatement And Disposal** *(02 82 33)*		
02 82 33 00-0137		**Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal** *(02 82 33 00-0136)*		
		Note: Includes roofing, flashing, sheet metal, insulation, pitch pockets, board etc.		
02 82 33 00-0138		**Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal** *(02 82 33 00-0137)*		
02 82 33 00-0139	SET	Up To 125 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	1,446.93	
02 82 33 00-0140	SF	>125 To 1,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	9.34	
02 82 33 00-0141	SF	>1,000 To 5,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	7.57	
02 82 33 00-0142	SF	>5,000 To 10,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	6.14	
02 82 33 00-0143	SF	>10,000 To 20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	4.72	
02 82 33 00-0144	SF	>20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	3.66	
02 82 33 00-0145		**>2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal** *(02 82 33 00-0137)*		
02 82 33 00-0146	SET	Up To 110 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	1,490.78	
02 82 33 00-0147	SF	>110 To 1,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	11.04	
02 82 33 00-0148	SF	>1,000 To 5,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	8.97	
02 82 33 00-0149	SF	>5,000 To 10,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	7.42	
02 82 33 00-0150	SF	>10,000 To 20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	5.78	
02 82 33 00-0151	SF	>20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	4.55	
02 82 33 00-0152		**>5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal** *(02 82 33 00-0137)*		
02 82 33 00-0153	SET	Up To 110 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	1,541.56	
02 82 33 00-0154	SF	>110 To 1,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	12.61	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0155	SF	>1,000 To 5,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	10.33	
02 82 33 00-0156	SF	>5,000 To 10,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	8.59	
02 82 33 00-0157	SF	>10,000 To 20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	6.79	
02 82 33 00-0158	SF	>20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	5.42	
02 82 33 00-0159		Shingles And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0136)*		
02 82 33 00-0160		Shingles And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0159)*		
02 82 33 00-0161	SET	Up To 125 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	1,403.64	
02 82 33 00-0162	SF	>125 To 1,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	9.00	
		For Each Additional Layer, Add	*1.80*	
02 82 33 00-0163	SF	>1,000 To 5,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	7.23	
		For Each Additional Layer, Add	*1.45*	
02 82 33 00-0164	SF	>5,000 To 10,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	5.80	
		For Each Additional Layer, Add	*1.16*	
02 82 33 00-0165	SF	>10,000 To 20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	4.38	
		For Each Additional Layer, Add	*0.88*	
02 82 33 00-0166	SF	>20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	3.32	
		For Each Additional Layer, Add	*0.66*	
02 82 33 00-0167		Roof Penetration Mastic, Asbestos Abatement And Disposal *(02 82 33 00-0136)*		
02 82 33 00-0168	SET	Up To 10 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	464.23	
02 82 33 00-0169	SF	>10 To 50 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	3.59	
02 82 33 00-0170	SF	>50 To 100 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	2.97	
02 82 33 00-0171	SF	>100 To 250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	2.42	
02 82 33 00-0172	SF	>250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	1.79	
02 82 33 00-0173		Roof Curb Mastic, Asbestos Abatement And Disposal *(02 82 33 00-0136)*		
02 82 33 00-0174	SET	Up To 10 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	464.23	
02 82 33 00-0175	LF	>10 To 20 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	10.53	
02 82 33 00-0176	LF	>20 To 50 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	8.46	
02 82 33 00-0177	LF	>50 To 150 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	7.06	
02 82 33 00-0178	LF	>150 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	5.13	
02 82 33 00-0179		Asbestos-Cement Products, Asbestos Abatement And Disposal *(02 82 33)*		
02 82 33 00-0180		Interior Asbestos-Cement Board, Asbestos Abatement And Disposal *(02 82 33 00-0179)* Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0181	SET	Up To 100 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	1,412.28	
02 82 33 00-0182	SF	>100 To 500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	9.70	
02 82 33 00-0183	SF	>500 To 2,500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	4.96	
02 82 33 00-0184	SF	>2,500 To 10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	4.02	
02 82 33 00-0185	SF	>10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	3.52	
02 82 33 00-0186		Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal *(02 82 33 00-0179)*		
02 82 33 00-0187	SET	Up To 100 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	1,412.28	
02 82 33 00-0188	SF	>100 To 500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	8.45	
02 82 33 00-0189	SF	>500 To 2,500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	4.44	
02 82 33 00-0190	SF	>2,500 To 10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	3.60	
02 82 33 00-0191	SF	>10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	3.16	
02 82 33 00-0192		Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal *(02 82 33 00-0179)*		
02 82 33 00-0193	SET	Up To 10 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	1,185.37	
02 82 33 00-0194	LF	>10 To 100 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	50.13	
02 82 33 00-0195	LF	>100 To 250 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	38.29	
02 82 33 00-0196	LF	>250 To 500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	29.41	
02 82 33 00-0197	LF	>500 To 2,500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	22.75	
02 82 33 00-0198	LF	>2,500 To 10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	17.76	
02 82 33 00-0199	LF	>10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	17.41	
02 82 33 00-0200		Exterior Transite Siding, Asbestos Abatement And Disposal *(02 82 33 00-0179)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0201	SET	Up To 125 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	1,428.34	
02 82 33 00-0202	SF	>125 To 1,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	7.63	
02 82 33 00-0203	SF	>1,000 To 5,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	6.15	
02 82 33 00-0204	SF	>5,000 To 10,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	4.96	
02 82 33 00-0205	SF	>10,000 To 20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	3.79	
02 82 33 00-0206	SF	>20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	2.90	

02 82 33 00-0207 Asbestos Contaminated Debris, Asbestos Abatement And Disposal *(02 82 33)*

02 82 33 00-0208 Asbestos Contaminated Debris, Asbestos Abatement And Disposal *(02 82 33 00-0207)*

02 82 33 00-0209	SET	Up To 10 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	953.83	
		For Work In Restricted Working Space, Add	*277.84*	
02 82 33 00-0210	CF	>10 To 100 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	94.86	
		For Work In Restricted Working Space, Add	*27.63*	
02 82 33 00-0211	CF	>100 To 250 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	64.17	
		For Work In Restricted Working Space, Add	*18.42*	
02 82 33 00-0212	CF	>250 To 500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	48.88	
		For Work In Restricted Working Space, Add	*13.83*	
02 82 33 00-0213	CF	>500 To 2,500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	39.60	
		For Work In Restricted Working Space, Add	*11.05*	
02 82 33 00-0214	CF	>2,500 To 10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	34.08	
		For Work In Restricted Working Space, Add	*9.39*	
02 82 33 00-0215	CF	>10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	30.94	
		For Work In Restricted Working Space, Add	*8.45*	

02 82 33 00-0216 Other Asbestos Containing Materials, Asbestos Abatement And Disposal *(02 82 33)*

02 82 33 00-0217 30" To 36" Fire Door, Asbestos Abatement And Disposal *(02 82 33 00-0216)*

02 82 33 00-0218	SET	Up To 1 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	475.53
02 82 33 00-0219	EA	>1 To 20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	179.16
02 82 33 00-0220	EA	>20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	162.49

02 82 33 00-0221 HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal *(02 82 33 00-0216)*

02 82 33 00-0222	SET	Up To 10 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	463.65
02 82 33 00-0223	LF	>10 To 50 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	9.53
02 82 33 00-0224	LF	>50 To 100 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	7.16
02 82 33 00-0225	LF	>100 To 250 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	6.17
02 82 33 00-0226	LF	>250 To 1,000 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	5.32
02 82 33 00-0227	LF	>1,000 To 2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	4.56
02 82 33 00-0228	LF	>2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	3.94

02 82 33 00-0229 Grout, Asbestos Abatement And Disposal *(02 82 33 00-0216)*

Note: e.g. flue grout.

02 82 33 00-0230	SET	Up To 10 LF, Grout, Asbestos Abatement And Disposal	463.45
02 82 33 00-0231	LF	>10 To 50 LF, Grout, Asbestos Abatement And Disposal	18.28
02 82 33 00-0232	LF	>50 To 100 LF, Grout, Asbestos Abatement And Disposal	12.59
02 82 33 00-0233	LF	>100 To 250 LF, Grout, Asbestos Abatement And Disposal	10.79
02 82 33 00-0234	LF	>250 To 1,000 LF, Grout, Asbestos Abatement And Disposal	9.28
02 82 33 00-0235	LF	>1,000 To 2,500 LF, Grout, Asbestos Abatement And Disposal	8.00
02 82 33 00-0236	LF	>2,500 LF, Grout, Asbestos Abatement And Disposal	6.86

02 82 33 00-0237 Gaskets, Asbestos Abatement And Disposal *(02 82 33 00-0216)*

Note: e.g. rope, web cloth, flat.

02 82 33 00-0238	SET	Up To 10 LF, Gaskets, Asbestos Abatement And Disposal	463.65
02 82 33 00-0239	LF	>10 To 50 LF, Gaskets, Asbestos Abatement And Disposal	24.61
02 82 33 00-0240	LF	>50 To 250 LF, Gaskets, Asbestos Abatement And Disposal	18.48
02 82 33 00-0241	LF	>250 To 500 LF, Gaskets, Asbestos Abatement And Disposal	15.75
02 82 33 00-0242	LF	>500 To 1,500 LF, Gaskets, Asbestos Abatement And Disposal	14.18
02 82 33 00-0243	LF	>1,500 To 2,500 LF, Gaskets, Asbestos Abatement And Disposal	12.75
02 82 33 00-0244	LF	>2,500 LF, Gaskets, Asbestos Abatement And Disposal	12.14

02 82 33 00-0245 Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal *(02 82 33 00-0216)*

Note: e.g. grid, spline, or glued on.

02 82 33 00-0246	SET	Up To 50 SF, Ceiling Tile, Asbestos Abatement And Disposal Note: Including Glue Removal	937.67
02 82 33 00-0247	SF	>50 To 1,000 SF, Ceiling Tile, Asbestos Abatement And Disposal Note: Including Glue Removal	19.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0248	SF	>1,000 To 2,500 SF, Ceiling Tile, Asbestos Abatement And Disposal Note: Including Glue Removal	9.70	
02 82 33 00-0249	SF	>2,500 To 10,000 SF, Ceiling Tile, Asbestos Abatement And Disposal Note: Including Glue Removal	6.62	
02 82 33 00-0250	SF	>10,000 SF, Ceiling Tile, Asbestos Abatement And Disposal Note: Including Glue Removal	5.67	
02 82 33 00-0251		Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal *(02 82 33 00-0216)* Note: Includes ceiling tile, asbestos barrier paper, and furring strips.		
02 82 33 00-0252	SET	Up To 50 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	932.36	
02 82 33 00-0253	SF	>50 To 1,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	19.92	
02 82 33 00-0254	SF	>1,000 To 2,500 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	9.70	
02 82 33 00-0255	SF	>2,500 To 10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	6.62	
02 82 33 00-0256	SF	>10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	5.67	
02 82 33 00-0257		Caulking, Asbestos Abatement And Disposal *(02 82 33 00-0216)*		
02 82 33 00-0258		Non-Friable Caulking, Asbestos Abatement And Disposal *(02 82 33 00-0257)*		
02 82 33 00-0259	SET	Up To 10 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	463.45	
02 82 33 00-0260	LF	>10 To 50 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	13.70	
02 82 33 00-0261	LF	>50 To 100 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	9.67	
02 82 33 00-0262	LF	>100 To 250 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	7.21	
02 82 33 00-0263	LF	>250 To 1,000 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	5.43	
02 82 33 00-0264	LF	>1,000 To 2,500 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	4.30	
02 82 33 00-0265	LF	>2,500 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	3.73	
02 82 33 00-0266		Window Putty, Asbestos Abatement And Disposal *(02 82 33 00-0216)*		
02 82 33 00-0267	SET	Up To 10 LF, Window Putty, Asbestos Abatement And Disposal	463.45	
02 82 33 00-0268	LF	>10 To 50 LF, Window Putty, Asbestos Abatement And Disposal	18.28	
02 82 33 00-0269	LF	>50 To 100 LF, Window Putty, Asbestos Abatement And Disposal	12.59	
02 82 33 00-0270	LF	>100 To 250 LF, Window Putty, Asbestos Abatement And Disposal	10.79	
02 82 33 00-0271	LF	>250 To 1,000 LF, Window Putty, Asbestos Abatement And Disposal	9.28	
02 82 33 00-0272	LF	>1,000 LF, Window Putty, Asbestos Abatement And Disposal	8.00	
02 82 33 00-0273		Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal *(02 82 33 00-0216)*		
02 82 33 00-0274	SET	Up To 4 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	979.31	
02 82 33 00-0275	EA	>4 To 40 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	96.18	
02 82 33 00-0276	EA	>40 To 60 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	68.56	
02 82 33 00-0277	EA	>60 To 125 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	54.80	
02 82 33 00-0278	EA	>125 To 625 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	46.46	
02 82 33 00-0279	EA	>625 To 1,500 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	41.47	
02 82 33 00-0280	EA	>1,500 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	38.65	

02 83 Lead Remediation *(02 80)*

See CSI section 01 56 16 00-0023 for temporary stud walls, 01 74 19 00-0040 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0008 for plastic sheeting for containment construction, 02 89 00 00-0020 for decontamination chambers.

02 83 19 Lead-Based Paint Remediation *(02 83)*

02 83 19 13 Lead-Based Paint Abatement *(02 83 19)*

Note: Includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, bagging, cleanup, vacuuming, transportation for up to 25 miles, disposal, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete removal and disposal of lead contaminated materials in accordance with EPA and local regulations. Where types of Lead are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. See CSI section 01 56 16 00-0023 for temporary stud walls, 01 74 19 00-0040 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0008 for plastic sheeting.

02 83 19 13-0001		Minimum Charge For Lead-Based Paint Remediation *(02 83 19 13)*		
02 83 19 13-0002	EA	Minimum Show Up Charge For Lead-Based Paint Remediation Note: For projects where the total lead-based paint remediation charge is less than the minimum charge, use task "Minimum Charge For Lead-Based Paint Remediation" exclusively. Task "Minimum Charge For Lead-Based Paint Remediation" should not be used in conjunction with any other tasks in this section. Includes air sample and personal air monitoring.	1,371.82	
02 83 19 13-0003		Lead Sampling And Testing *(02 83 19 13)* Note: Includes packaging of sample for shipping, shipping to testing lab, chain of custody documentation, analysis of sample, lab report, and sample disposal. Excludes sampling time.		
02 83 19 13-0004	HR	Certified Lead Sampling Technician For Bulk Sampling Or Air Monitoring	104.53	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0005	EA	X-Ray Fluorescence (XRF) Lead Testing Note: Including Technician, 3 Readings Per Surface And Lab Fee	76.86	
02 83 19 13-0006	EA	5 Day Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee	73.58	
02 83 19 13-0007	EA	48 Hour Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee	111.49	
02 83 19 13-0008	EA	24 Hour Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee	156.09	
02 83 19 13-0009	EA	5 Day Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee	28.99	
02 83 19 13-0010	EA	24 Hour Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee	44.60	
02 83 19 13-0011	EA	8 Hour Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee	55.74	
02 83 19 13-0012	EA	5 Day Turnaround Soluble Threshold Limit Concentration (STLC) Lead Test And Lab Fee	73.58	
02 83 19 13-0013	EA	3 Day Turnaround Soluble Threshold Limit Concentration (STLC) Lead Test And Lab Fee	111.49	
02 83 19 13-0014	EA	5 Day Turnaround Lead Wipe Samples And Lab Fee	12.26	
02 83 19 13-0015	EA	24 Hour Turnaround Lead Wipe Samples And Lab Fee	16.72	
02 83 19 13-0016	EA	8 Hour Turnaround Lead Wipe Samples And Lab Fee	24.53	
02 83 19 13-0017	EA	5 Day Turnaround Lead Air Samples And Lab Fee	12.26	
02 83 19 13-0018	EA	24 Hour Turnaround Lead Air Samples And Lab Fee	16.72	
02 83 19 13-0019	EA	8 Hour Turnaround Lead Air Samples And Lab Fee	24.53	
02 83 19 13-0020	EA	5 Day Turnaround Lead Bulk Samples And Lab Fee	12.26	
02 83 19 13-0021	EA	24 Hour Turnaround Lead Bulk Samples And Lab Fee	16.72	
02 83 19 13-0022	EA	8 Hour Turnaround Lead Bulk Samples And Lab Fee	24.53	
02 83 19 13-0023	EA	5 Day Turnaround Lead Water Test and Lab Fee	44.60	
02 83 19 13-0024	EA	24 Hour Turnaround Lead Water Test and Lab Fee	66.89	
02 83 19 13-0025	EA	8 Hour Turnaround Lead Water Test and Lab Fee	89.19	
02 83 19 13-0026	EA	5 Day Turnaround Lead Paint Chip Test and Lab Fee	46.12	
02 83 19 13-0027	EA	5 Day Turnaround Lead Soil Test and Lab Fee	92.24	

02 83 19 13-0028 Chemical Stripping Of Lead Contaminated Material *(02 83 19 13)*

Note: Per 0.02" (20 mils) application. Manufacture recommended operating temperatures not to be below 50 degrees. Includes heat gun (where required) for follow up, waste handling, packing and all personnel blood work, lab test fees and monitoring. Industrial coatings often contain other hazardous ingredients in addition to or in place of lead. These might include, but are not be limited to, chromium, cadmium and mercury.

02 83 19 13-0029	SF	Balustrades, Chemical Stripping Of Lead Contaminated Material	39.96	
		For 0.025" (25 mil) Application, Add	*2.25*	
		For 0.03" (30 mil) Application, Add	*3.53*	
02 83 19 13-0030	SF	Balustrades, Ornate, Chemical Stripping Of Lead Contaminated Material	59.32	
		For 0.025" (25 mil) Application, Add	*3.22*	
		For 0.03" (30 mil) Application, Add	*4.98*	
02 83 19 13-0031	LF	Up To 6" Wide, Wood Trim, Chemical Stripping Of Lead Contaminated Material	17.15	
		For 0.025" (25 mil) Application, Add	*1.01*	
		For 0.03" (30 mil) Application, Add	*1.61*	
		For 0.125" (125 mil) Application, Add	*8.79*	
02 83 19 13-0032	LF	>6" To 12" Wide, Wood Trim, Chemical Stripping Of Lead Contaminated Material	35.08	
		For 0.025" (25 mil) Application, Add	*1.90*	
		For 0.03" (30 mil) Application, Add	*2.95*	
		For 0.125" (125 mil) Application, Add	*13.27*	
02 83 19 13-0033	SF	Cornice, Chemical Stripping Of Lead Contaminated Material	18.61	
		For 0.025" (25 mil) Application, Add	*1.18*	
		For 0.03" (30 mil) Application, Add	*1.93*	
02 83 19 13-0034	SF	Cornice, Ornate, Chemical Stripping Of Lead Contaminated Material	52.87	
		For 0.025" (25 mil) Application, Add	*2.89*	
		For 0.03" (30 mil) Application, Add	*4.50*	
02 83 19 13-0035	SF	Brick, Concrete Block, Concrete, Chemical Stripping Of Lead Contaminated Material	11.46	
		For 0.025" (25 mil) Application, Add	*0.77*	
		For 0.03" (30 mil) Application, Add	*1.28*	
		For 0.125" (125 mil) Application, Add	*8.87*	
02 83 19 13-0036	SF	Cabinets, Chemical Stripping Of Lead Contaminated Material	33.42	
		For 0.025" (25 mil) Application, Add	*1.87*	
		For 0.03" (30 mil) Application, Add	*2.93*	
02 83 19 13-0037	SF	Cabinets, Ornate, Chemical Stripping Of Lead Contaminated Material	42.61	
		For 0.025" (25 mil) Application, Add	*2.33*	
		For 0.03" (30 mil) Application, Add	*3.62*	
02 83 19 13-0038	SF	Plaster, Stucco and Drywall Surfaces, Chemical Stripping Of Lead Contaminated Material	15.83	
		For 0.025" (25 mil) Application, Add	*0.99*	
		For 0.03" (30 mil) Application, Add	*1.61*	
02 83 19 13-0039	SF	Columns, Chemical Stripping Of Lead Contaminated Material	15.19	
		For 0.025" (25 mil) Application, Add	*1.01*	
		For 0.03" (30 mil) Application, Add	*1.67*	
		For 0.125" (125 mil) Application, Add	*11.30*	
02 83 19 13-0040	SF	Flush Doors, One Side, Chemical Stripping Of Lead Contaminated Material	13.39	
		For 0.025" (25 mil) Application, Add	*0.87*	
		For 0.03" (30 mil) Application, Add	*1.43*	
02 83 19 13-0041	SF	Raised Panel Doors and Decorative Doors, Chemical Stripping Of Lead Contaminated Material	16.47	
		For 0.025" (25 mil) Application, Add	*1.02*	
		For 0.03" (30 mil) Application, Add	*1.66*	
02 83 19 13-0042	SF	Sectional Panel Or Roll-Up Doors, Chemical Stripping Of Lead Contaminated	24.29	
		For 0.025" (25 mil) Application, Add	*1.46*	
		For 0.03" (30 mil) Application, Add	*2.35*	
02 83 19 13-0043	EA	Electrical Devices, Chemical Stripping Of Lead Contaminated Material	69.55	
		For 0.025" (25 mil) Application, Add	*3.88*	
		For 0.03" (30 mil) Application, Add	*6.07*	
02 83 19 13-0044	LF	Door Frames, Chemical Stripping Of Lead Contaminated Material	17.21	
		For 0.025" (25 mil) Application, Add	*1.06*	
		For 0.03" (30 mil) Application, Add	*1.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0045	SF	Wood Floors, Chemical Stripping Of Lead Contaminated Material	9.42	
		For 0.025" (25 mil) Application, Add	*0.67*	
		For 0.03" (30 mil) Application, Add	*1.13*	
02 83 19 13-0046	SF	HVAC Grilles, Chemical Stripping Of Lead Contaminated Material	35.72	
		For 0.025" (25 mil) Application, Add	*1.99*	
		For 0.03" (30 mil) Application, Add	*3.10*	
02 83 19 13-0047	SF	HVAC Grilles, Ornate, Chemical Stripping Of Lead Contaminated Material	42.61	
		For 0.025" (25 mil) Application, Add	*2.33*	
		For 0.03" (30 mil) Application, Add	*3.62*	
02 83 19 13-0048	EA	Hinges, Chemical Stripping Of Lead Contaminated Material	22.30	
		For 0.025" (25 mil) Application, Add	*1.42*	
		For 0.03" (30 mil) Application, Add	*2.31*	
02 83 19 13-0049	EA	Up To 6" Diameter Hangers, Chemical Stripping Of Lead Contaminated Material	27.51	
		For 0.025" (25 mil) Application, Add	*1.68*	
		For 0.03" (30 mil) Application, Add	*2.70*	
		For 0.125" (125 mil) Application, Add	*15.88*	
02 83 19 13-0050	LF	Up To 2" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	7.65	
		For 0.025" (25 mil) Application, Add	*0.53*	
		For 0.03" (30 mil) Application, Add	*0.89*	
		For 0.125" (125 mil) Application, Add	*6.41*	
02 83 19 13-0051	LF	>2" To 4" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	12.32	
		For 0.025" (25 mil) Application, Add	*0.77*	
		For 0.03" (30 mil) Application, Add	*1.24*	
		For 0.125" (125 mil) Application, Add	*7.58*	
02 83 19 13-0052	LF	>4" To 8" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	22.05	
		For 0.025" (25 mil) Application, Add	*1.35*	
		For 0.03" (30 mil) Application, Add	*2.19*	
		For 0.125" (125 mil) Application, Add	*13.01*	
02 83 19 13-0053	LF	>8" To 12" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	30.24	
		For 0.025" (25 mil) Application, Add	*1.81*	
		For 0.03" (30 mil) Application, Add	*2.91*	
		For 0.125" (125 mil) Application, Add	*16.56*	
02 83 19 13-0054	LF	>12" To 16" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	54.26	
		For 0.025" (25 mil) Application, Add	*3.16*	
		For 0.03" (30 mil) Application, Add	*5.03*	
		For 0.125" (125 mil) Application, Add	*27.07*	
02 83 19 13-0055	SF	>16" Diameter Pipes, Chemical Stripping Of Lead Contaminated Material, SF Of Surface Area	16.22	
		For 0.025" (25 mil) Application, Add	*0.92*	
		For 0.03" (30 mil) Application, Add	*1.45*	
		For 0.125" (125 mil) Application, Add	*7.30*	
02 83 19 13-0056	EA	Up To 12 SF Radiators, Chemical Stripping Of Lead Contaminated Material	322.82	
		For 0.025" (25 mil) Application, Add	*17.59*	
		For 0.03" (30 mil) Application, Add	*27.30*	
02 83 19 13-0057	SF	Flat And Raised Panel Wood Shutters, Chemical Stripping Of Lead Contaminated Material	22.42	
		For 0.025" (25 mil) Application, Add	*1.69*	
		For 0.03" (30 mil) Application, Add	*2.88*	
02 83 19 13-0058	SF	Louvered Wood Shutters, Chemical Stripping Of Lead Contaminated Material	24.56	
		For 0.025" (25 mil) Application, Add	*1.79*	
		For 0.03" (30 mil) Application, Add	*3.04*	
02 83 19 13-0059	SF	Siding, Chemical Stripping Of Lead Contaminated Material	12.82	
		For 0.025" (25 mil) Application, Add	*0.89*	
		For 0.03" (30 mil) Application, Add	*1.49*	
		For 0.125" (125 mil) Application, Add	*10.71*	
02 83 19 13-0060	SF	Soffit, Chemical Stripping Of Lead Contaminated Material	27.01	
		For 0.025" (25 mil) Application, Add	*1.55*	
		For 0.03" (30 mil) Application, Add	*2.45*	
		For 0.125" (125 mil) Application, Add	*12.75*	
02 83 19 13-0061	SF	Flat Steel Surfaces, Chemical Stripping Of Lead Contaminated Material	12.38	
		For 0.025" (25 mil) Application, Add	*0.82*	
		For 0.03" (30 mil) Application, Add	*1.35*	
		For 0.125" (125 mil) Application, Add	*9.10*	
02 83 19 13-0062	SF	Corrugated Steel, Chemical Stripping Of Lead Contaminated Material	14.07	
		For 0.025" (25 mil) Application, Add	*0.90*	
		For 0.03" (30 mil) Application, Add	*1.48*	
		For 0.125" (125 mil) Application, Add	*9.52*	
02 83 19 13-0063	SF	Steel Beams and Columns, Chemical Stripping Of Lead Contaminated Material	14.03	
		For 0.025" (25 mil) Application, Add	*0.90*	
		For 0.03" (30 mil) Application, Add	*1.48*	
		For 0.125" (125 mil) Application, Add	*9.51*	
02 83 19 13-0064	SF	Steel Trusses, Chemical Stripping Of Lead Contaminated Material	19.91	
		For 0.025" (25 mil) Application, Add	*1.20*	
		For 0.03" (30 mil) Application, Add	*1.92*	
		For 0.125" (125 mil) Application, Add	*10.98*	
02 83 19 13-0065	SF	Wood Surfaces, Chemical Stripping Of Lead Contaminated Material	14.03	
		For 0.025" (25 mil) Application, Add	*0.90*	
		For 0.03" (30 mil) Application, Add	*1.48*	
		For 0.125" (125 mil) Application, Add	*9.51*	
02 83 19 13-0066	SF	Windows (Sash, Sill, Jambs, Casing Trim), One Side, 1/1 Light, Chemical Stripping Of Lead Contaminated Material	32.43	
		For 0.025" (25 mil) Application, Add	*1.82*	
		For 0.03" (30 mil) Application, Add	*2.86*	
02 83 19 13-0067	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 2/2 Light, Chemical Stripping Of Lead Contaminated Material	35.50	
		For 0.025" (25 mil) Application, Add	*1.98*	
		For 0.03" (30 mil) Application, Add	*3.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0068	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 4/4 Light, Chemical Stripping Of Lead Contaminated Material	37.58	
		For 0.025" (25 mil) Application, Add	*2.08*	
		For 0.03" (30 mil) Application, Add	*3.24*	
02 83 19 13-0069	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 6/6 Light, Chemical Stripping Of Lead Contaminated Material	39.66	
		For 0.025" (25 mil) Application, Add	*2.18*	
		For 0.03" (30 mil) Application, Add	*3.40*	
02 83 19 13-0070	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 8/8 Light Chemical Stripping Of Lead Contaminated Material	41.74	
		For 0.025" (25 mil) Application, Add	*2.29*	
		For 0.03" (30 mil) Application, Add	*3.56*	
02 83 19 13-0071	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 10/10 Light, Chemical Stripping Of Lead Contaminated Material	43.90	
		For 0.025" (25 mil) Application, Add	*2.40*	
		For 0.03" (30 mil) Application, Add	*3.72*	
02 83 19 13-0072	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 12/12 light Chemical Stripping Of Lead Contaminated Material	45.92	
		For 0.025" (25 mil) Application, Add	*2.50*	
		For 0.03" (30 mil) Application, Add	*3.87*	
02 83 19 13-0073	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 14/14 Light, Chemical Stripping Of Lead Contaminated Material	46.96	
		For 0.025" (25 mil) Application, Add	*2.55*	
		For 0.03" (30 mil) Application, Add	*3.95*	
02 83 19 13-0074	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 16/16 Light Chemical Stripping Of Lead Contaminated Material	48.03	
		For 0.025" (25 mil) Application, Add	*2.60*	
		For 0.03" (30 mil) Application, Add	*4.03*	
02 83 19 13-0075	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 20/20 Light, Chemical Stripping Of Lead Contaminated Material	49.03	
		For 0.025" (25 mil) Application, Add	*2.65*	
		For 0.03" (30 mil) Application, Add	*4.10*	
02 83 19 13-0076	SF	Metal Stairs, Chemical Stripping Of Lead Contaminated Material	64.73	
		For 0.025" (25 mil) Application, Add	*3.64*	
		For 0.03" (30 mil) Application, Add	*5.70*	
		For 0.125" (125 mil) Application, Add	*28.18*	
02 83 19 13-0077	LF	Metal Single Hand Rail, Chemical Stripping Of Lead Contaminated Material	11.21	
		For 0.025" (25 mil) Application, Add	*0.71*	
		For 0.03" (30 mil) Application, Add	*1.16*	
		For 0.125" (125 mil) Application, Add	*7.30*	
02 83 19 13-0078	SF	Metal Railing And Posts, Chemical Stripping Of Lead Contaminated Material Note: The unit of measure "SF" is measured for 'Length x Height'. Work includes both sides of railing.	32.87	
		For 0.025" (25 mil) Application, Add	*1.94*	
		For 0.03" (30 mil) Application, Add	*3.10*	
		For 0.125" (125 mil) Application, Add	*17.22*	
02 83 19 13-0079	SF	Metal Picket Fence, Chemical Stripping Of Lead Contaminated Material Note: The unit of measure "SF" is measured for 'Length x Height'. Work includes both sides of railing.	35.97	
		For 0.025" (25 mil) Application, Add	*2.05*	
		For 0.03" (30 mil) Application, Add	*3.23*	
		For 0.125" (125 mil) Application, Add	*16.49*	
02 83 19 13-0080	LF	2" Wide Paint From Concrete Or Asphalt Pavement, Chemical Stripping Of Lead Contaminated Material	3.31	
		For 0.025" (25 mil) Application, Add	*0.20*	
		For 0.03" (30 mil) Application, Add	*0.32*	
02 83 19 13-0081	LF	3" Wide Paint From Concrete Or Asphalt Pavement, Chemical Stripping Of Lead Contaminated Material	4.96	
		For 0.025" (25 mil) Application, Add	*0.30*	
		For 0.03" (30 mil) Application, Add	*0.48*	
02 83 19 13-0082	LF	4" Wide Paint From Concrete Or Asphalt Pavement, Chemical Stripping Of Lead Contaminated Material	5.74	
		For 0.025" (25 mil) Application, Add	*0.34*	
		For 0.03" (30 mil) Application, Add	*0.54*	
02 83 19 13-0083	LF	6" Wide Paint From Concrete Or Asphalt Pavement, Chemical Stripping Of Lead Contaminated Material	6.60	
		For 0.025" (25 mil) Application, Add	*0.40*	
		For 0.03" (30 mil) Application, Add	*0.64*	
02 83 19 13-0084	SF	Paint From Concrete Or Asphalt Pavement, Chemical Stripping Of Lead Contaminated Material	11.46	
		For 0.025" (25 mil) Application, Add	*0.77*	
		For 0.03" (30 mil) Application, Add	*1.28*	

02 83 19 13-0085 Demolish Lead Contaminated Material *(02 83 19 13)*

Note: Includes waste handling, packing, all personnel blood work, lab test fees and monitoring. Industrial coatings often contain other hazardous ingredients in addition to or in place of lead. These might include, but are not be limited to, chromium, cadmium and mercury.

02 83 19 13-0086	SF	Demolish Ceiling Suspension System, Lead Contaminated Material		2.85
02 83 19 13-0087	SF	Demolish Up To 100 SF Gypsum Wall Board, Lead Contaminated Material		8.37
02 83 19 13-0088	SF	Demolish >100 To 500 SF Gypsum Wall Board, Lead Contaminated Material		6.01
02 83 19 13-0089	SF	Demolish >500 To 2,500 SF Gypsum Wall Board, Lead Contaminated Material		4.71
02 83 19 13-0090	SF	Demolish >2,500 SF Gypsum Wall Board, Lead Contaminated Material		3.66
02 83 19 13-0091	SF	Demolish Up To 100 SF Plaster/Stucco, Lead Contaminated Material Note: Includes lath on plaster and backing insulation on stucco.		26.13
02 83 19 13-0092	SF	Demolish >100 To 500 SF Plaster/Stucco, Lead Contaminated Material Note: Includes lath on plaster and backing insulation on stucco.		18.58
02 83 19 13-0093	SF	Demolish >500 To 2,500 SF Plaster/Stucco, Lead Contaminated Material Note: Includes lath on plaster and backing insulation on stucco.		13.94
02 83 19 13-0094	SF	Demolish >2,500 To 10,000 SF Plaster/Stucco, Lead Contaminated Material Note: Includes lath on plaster and backing insulation on stucco.		10.46
02 83 19 13-0095	SF	Demolish Suspended Ceiling System And Tile, Lead Contaminated Material		1.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0096	SF	Demolish Acoustical Ceiling Tile, Lead Contaminated Material	1.06	
02 83 19 13-0097	SF	Demolish Metal Pan Grid System, Lead Contaminated Material	1.65	
02 83 19 13-0098	EA	Demolish Ceiling And Recessed Light Fixtures, Lead Contaminated Material	79.59	
02 83 19 13-0099	EA	Demolish >2' x 4' Light Fixtures, Lead Contaminated Material	105.59	
02 83 19 13-0100	SF	Demolish Non-Load Bearing Partitions Of Plaster Or Stucco, Lath And Studs, Lead Contaminated Material	11.79	
02 83 19 13-0101	SF	Demolish Non-Load Bearing Partitions Of Gypsum Board And Studs, Lead Contaminated Material	6.60	
02 83 19 13-0102	SF	Demolish Brick, Lead Contaminated Material	4.97	
02 83 19 13-0103	SF	Demolish Concrete Block, Lead Contaminated Material	6.40	
02 83 19 13-0104	SF	Demolish Tile, Lead Contaminated Material	4.82	
02 83 19 13-0105	SF	Demolish Up To 6" Concrete, Lead Contaminated Material	7.25	
02 83 19 13-0106	IN	Drilling, Up To 1/2" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth	5.64	
02 83 19 13-0107	IN	Drilling, >1/2" To 1" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth	7.50	
02 83 19 13-0108	LF	Demolish Wood Balustrades And Railings, Lead Contaminated Material	8.25	
02 83 19 13-0109	LF	Demolish Up To 6" Wide Baseboard, Lead Contaminated Material	2.15	
02 83 19 13-0110	LF	Demolish >6" To 12" Wide Baseboard, Lead Contaminated Material	2.69	
02 83 19 13-0111	LF	Demolish Base Shoe Molding, Lead Contaminated Material	1.75	
02 83 19 13-0112	SF	Demolish Concrete, Lead Contaminated Material	16.42	
02 83 19 13-0113	LF	Demolish Cabinets, Lead Contaminated Material	38.24	
02 83 19 13-0114	SF	Demolish Ceilings, Gypsum Board, Lead Contaminated Material	2.16	
02 83 19 13-0115	SF	Demolish Up To 12" Diameter Columns, Lead Contaminated Material	21.19	
02 83 19 13-0116	SF	Demolish Cornice, Lead Contaminated Material	2.81	
02 83 19 13-0117	EA	Demolish Doors, Lead Contaminated Material	82.96	
02 83 19 13-0118	LF	Demolish Door And Window Wood Trim Or Wood Frames, Lead Contaminated Material	2.52	
02 83 19 13-0119	EA	Demolish Electrical Devices, Lead Contaminated Material	25.45	
02 83 19 13-0120	LF	Demolish Up To 1" Diameter Electrical Conduit, Lead Contaminated Material	3.27	
02 83 19 13-0121	LF	Demolish >1" To 2" Diameter Electrical Conduit, Lead Contaminated Material	5.44	
02 83 19 13-0122	SF	Demolish Wood Floors, Lead Contaminated Material	3.91	
02 83 19 13-0123	SF	Demolish Grilles, Lead Contaminated Material	4.60	
02 83 19 13-0124	EA	Demolish Hinges, Lead Contaminated Material	9.25	
02 83 19 13-0125	EA	Demolish Up To 6" Diameter Hangers, Lead Contaminated Material	19.89	
02 83 19 13-0126	LF	Demolish Up To 2" Diameter Pipes, Lead Contaminated Material	8.16	
02 83 19 13-0127	LF	Demolish >2" To 4" Diameter Pipes, Lead Contaminated Material	11.89	
02 83 19 13-0128	LF	Demolish >4" To 8" Diameter Pipes, Lead Contaminated Material	17.98	
02 83 19 13-0129	LF	Demolish >8" To 12" Diameter Pipes, Lead Contaminated Material	33.15	
02 83 19 13-0130	EA	Demolish Radiators, Lead Contaminated Material	143.20	
02 83 19 13-0131	EA	Demolish Shutters, Lead Contaminated Material	55.80	
02 83 19 13-0132	SF	Demolish Siding, Lead Contaminated Material	2.22	
02 83 19 13-0133	SF	Demolish Soffit, Lead Contaminated Material	1.88	
02 83 19 13-0134	SF	Demolish Flat Steel Surfaces, Lead Contaminated Material	5.16	
02 83 19 13-0135	SF	Demolish Steel Beams, Lead Contaminated Material	6.08	
02 83 19 13-0136	SF	Demolish Trusses, Lead Contaminated Material	7.97	
02 83 19 13-0137	SF	Demolish Walls, Wood, Lead Contaminated Material	5.89	
02 83 19 13-0138	SF	Demolish Windows, Lead Contaminated Material	19.81	
02 83 19 13-0139	SF	Demolish Metal Stair, Lead Contaminated Material	9.48	
02 83 19 13-0140	LF	Demolish Single Metal Hand Rail, Lead Contaminated Material	6.96	
02 83 19 13-0141	LF	Demolish Metal Railing And Posts, Lead Contaminated Material	11.38	
02 83 19 13-0142	SF	Demolish Metal Picket Fence, Lead Contaminated Material	3.14	
02 83 19 13-0143	SF	Demolish Plywood, Lead Contaminated Material	8.56	
02 83 19 13-0144	SF	Demolish Planks (Various Sizes), Lead Contaminated Material	4.18	
02 83 19 13-0145	EA	Demolish Metal Brackets Or Other Small Metal Shapes, Lead Contaminated Material	26.13	
02 83 19 13-0146	SF	Demolish Ceramic Tile Block, Lead Contaminated Material	5.70	
02 83 19 13-0147	LF	Demolish Metal Guard Rails, Lead Contaminated Material	15.68	
02 83 19 13-0148	LF	Demolish Roof Metal Trim, Lead Contaminated Material	3.35	
02 83 19 13-0149	LF	Demolish Rain Gutters, Lead Contaminated Material	5.75	
02 83 19 13-0150	LF	Demolish Downspouts, Lead Contaminated Material	4.71	
02 83 19 13-0151	SF	Demolish Corrugated Metal Roofing, Lead Contaminated Material	5.80	
02 83 19 13-0152	LF	Demolish Roof Metal Flashing, Lead Contaminated Material	3.35	
02 83 19 13-0153	LF	Demolish Fascia Board Up To 12", Lead Contaminated Material	8.37	
02 83 19 13-0154		**Wet Sanding/Light Scraping Of Lead Contaminated Material** *(02 83 19 13)* Note: Remove loose, flaking lead-based paint to prepare for painting.		
02 83 19 13-0155	SF	Wet Sand/Scrape Of Lead Contaminated Material To Prepare For Painting	3.98	
02 83 19 13-0156		**Mechanical Stripping Of Lead Contaminated Material** *(02 83 19 13)* Note: Includes heat gun (where required) for follow up, waste handling, packing and all personnel blood work, lab test fees and monitoring.		
02 83 19 13-0157	SF	Grind Flat Steel Surfaces, Mechanical Stripping Of Lead Contaminated Material	21.90	
02 83 19 13-0158		**Lead Abatement Encapsulation** *(02 83 19 13)* Note: Can also be used for asbestos contaminated encapsulation. Spray applied application unless task described otherwise.		
02 83 19 13-0159	SF	Balustrades, Lead Abatement Encapsulation	7.19	
02 83 19 13-0160	LF	Up To 6" Wide, Baseboard, Lead Abatement Encapsulation	7.15	
02 83 19 13-0161	LF	>6" To 12" Wide, Baseboard, Lead Abatement Encapsulation	9.69	
02 83 19 13-0162	SF	Brick, Concrete Block, Concrete, Lead Abatement Encapsulation	4.61	
02 83 19 13-0163	SF	Ornate Cabinets, Lead Abatement Encapsulation	10.42	
02 83 19 13-0164	SF	Simple Design Cabinets, Lead Abatement Encapsulation	8.48	
02 83 19 13-0165	SF	Drywall Ceilings, Lead Abatement Encapsulation	2.88	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0166	SF	Wood Ceilings, Lead Abatement Encapsulation	3.50	
02 83 19 13-0167	SF	Acoustical And Popcorn Ceilings, Lead Abatement Encapsulation	3.25	
02 83 19 13-0168	SF	Columns, Lead Abatement Encapsulation	5.58	
02 83 19 13-0169	SF	Doors, Lead Abatement Encapsulation	10.67	
02 83 19 13-0170	LF	Up To 2" Electrical Conduit, Lead Abatement Encapsulation	4.70	
02 83 19 13-0171	SF	Picket Fence (Brush), Lead Abatement Encapsulation	3.32	
02 83 19 13-0172	SF	Wood Floors (Roller), Lead Abatement Encapsulation	2.77	
02 83 19 13-0173	SF	Grilles, Vents, Lead Abatement Encapsulation	7.76	
02 83 19 13-0174	LF	Gutters And Downspouts, Lead Abatement Encapsulation	7.19	
02 83 19 13-0175	EA	Hangers, Lead Abatement Encapsulation	61.44	
02 83 19 13-0176	LF	Up To 4" Diameter Pipe (Brush), Lead Abatement Encapsulation	4.36	
02 83 19 13-0177	LF	>4" To 8" Diameter Pipe (Brush), Lead Abatement Encapsulation	6.27	
02 83 19 13-0178	LF	>8" To 12" Diameter Pipe (Brush), Lead Abatement Encapsulation	9.70	
02 83 19 13-0179	LF	>12" To 16" Diameter Pipe (Brush), Lead Abatement Encapsulation	14.33	
02 83 19 13-0180	EA	Radiators, Lead Abatement Encapsulation	157.99	
02 83 19 13-0181	EA	Up To 6' Shutters, Lead Abatement Encapsulation	226.74	
02 83 19 13-0182	SF	Siding, Lead Abatement Encapsulation	3.97	
02 83 19 13-0183	SF	Up To 12" Soffit, Lead Abatement Encapsulation	5.58	
02 83 19 13-0184	SF	Steel, Flat Surfaces And Tanks Up To 12', Lead Abatement Encapsulation	4.61	
02 83 19 13-0185	SF	Steel Beams And Metal Decks, Lead Abatement Encapsulation	6.04	
02 83 19 13-0186	SF	Trusses, Lead Abatement Encapsulation	6.04	
02 83 19 13-0187	SF	Drywall Walls, Lead Abatement Encapsulation	2.56	
02 83 19 13-0188	SF	Wood Walls, Lead Abatement Encapsulation	3.16	
02 83 19 13-0189	EA	Window Without Grille, Lead Abatement Encapsulation	133.64	
02 83 19 13-0190	EA	Window With Grille, Lead Abatement Encapsulation	171.91	
02 83 19 13-0191	LF	Wood Door Frames And Trim, Lead Abatement Encapsulation	4.12	
02 83 19 13-0192	LF	Steel Lintels, Lead Abatement Encapsulation	4.72	
02 83 19 13-0193	LF	Wood Fascia Boards, Lead Abatement Encapsulation	12.57	
02 83 19 13-0194	SF	Wood Eaves, Lead Abatement Encapsulation	12.57	
02 83 19 13-0195	LF	Wood Window Sill, Lead Abatement Encapsulation	3.77	
02 83 19 13-0196	LF	Wood Window Sash, Lead Abatement Encapsulation	4.85	
02 83 19 13-0197	LF	Wood Window Jamb And Trim, Lead Abatement Encapsulation	6.79	
02 83 19 13-0198	LF	Wood Doorway Threshold, Lead Abatement Encapsulation	4.54	
02 83 19 13-0199	LF	Up To 6" Wide, Crown Molding (Simple), Lead Abatement Encapsulation	7.15	
02 83 19 13-0200	LF	>6" To 12" Wide, Crown Molding (Simple), Lead Abatement Encapsulation	9.69	
02 83 19 13-0201	LF	Up To 6" Wide, Crown Molding (Ornate), Lead Abatement Encapsulation	8.88	
02 83 19 13-0202	LF	>6" To 12" Wide, Crown Molding (Ornate), Lead Abatement Encapsulation	11.99	
02 83 19 13-0203		Removal By Heat Gun Of Lead Contaminated Material *(02 83 19 13)* Note: Remove of multi-layers of paint down to substrate		
02 83 19 13-0204	SF	Scrape And Removal Per Layer Of Multi-layers Of Paint With Heat Gun	7.74	

02 83 33 Removal and Disposal of Material Containing Lead *(02 83)*

02 83 33 13 Lead-Based Paint Removal and Disposal *(02 83 33)*

02 83 33 13-0001		Remove Loose Dirt And Debris Containing Lead *(02 83 33 13)*		
02 83 33 13-0002	SF	High Efficiency Particulate Air (HEPA) Vacuum And Wet Cleaning Of Lead Contaminated Area With Mild Detergent	0.33	
02 83 33 13-0003	SF	High Efficiency Particulate Air (HEPA) Vacuum And Wet Cleaning Of Lead Contaminated Area With Tri-Sodium Phosphate	0.33	
02 83 33 13-0004	SF	High Efficiency Particulate Air (HEPA) Vacuum And Shampoo Cleaning Of Lead Contaminated Carpeting	1.65	

02 84 Polychlorinated Biphenyl Remediation *(02 80)*

02 84 16 Handling of Lighting Ballasts and Lamps Containing PCBs and Mercury *(02 84)*

02 84 16 00-0001		Removal Of TSCA-Exempt PCB And Non-PCB Ballasts From Demolished Fixtures *(02 84 16)* Note: Includes removal of TSCA-exempt PCB and Non-PCB ballast from demolished lighting fixture and placing ballast in an approved container for recycling.		
02 84 16 00-0002	EA	Removal Of TSCA-Exempt Polychlorinated Biphenyl (PCB) And Non-PCB Ballast From A Demolished Fixture For Recycling	10.50	
02 84 16 00-0003		Recycle TSCA-Exempt PCB And Non-PCB Ballasts *(02 84 16)* Note: Non-leaking ballasts. Includes containers, shipping costs and recycling fees. Excludes ballast removal.		
02 84 16 00-0004	EA	Recycle Non-Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	3.39	
02 84 16 00-0005	EA	Recycle Non-Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	4.32	
02 84 16 00-0006	EA	Recycle TSCA-Exempt Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	10.21	
02 84 16 00-0007	EA	Recycle TSCA-Exempt Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	21.37	
02 84 16 00-0008		Disposal Of Leaking PCB And Non-PCB Ballasts *(02 84 16)* Note: Disposal at an EPA approved facility. Includes containers, shipping costs and disposal fees. Excludes ballast removal.		
02 84 16 00-0009	EA	Dispose Of Leaking Non-Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	6.18	
02 84 16 00-0010	EA	Dispose Of Leaking Non-Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	8.51	
02 84 16 00-0011	EA	Dispose Of Leaking Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	26.25	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 84 16 00-0012	EA	Dispose Of Leaking Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	50.96	

02 86 Hazardous Waste Drum Handling *(02 80)*

02 86 00 00-0001 Hazardous Waste Packaging *(02 86)*

02 86 00 00-0002 Overpacks *(02 86 00 00-0001)*

02 86 00 00-0003 Steel Salvage Drums, 16 Gauge *(02 86 00 00-0002)*

02 86 00 00-0004	EA	110 Gallon, 30" Diameter X 41" High	470.37	
02 86 00 00-0005	EA	85 Gallon, 26" Diameter X 38" High	267.75	
02 86 00 00-0006	EA	83 Gallon, 26" Diameter X 36" High	258.42	
02 86 00 00-0007	EA	55 Gallon, DOT 17C, 18" Diameter X 34" High	161.68	
02 86 00 00-0008	EA	30 Gallon, DOT 17C, 18" Diameter X 28" High	127.36	
02 86 00 00-0009	EA	22 Gallon, 16" Diameter X 25" High	85.81	
02 86 00 00-0010	EA	15 Gallon, DOT 17C, 14" Diameter X 24" High	77.58	
02 86 00 00-0011	EA	10 Gallon, 13.8" Diameter X 15" High	68.36	

02 86 00 00-0012 Polyethylene Overpacks *(02 86 00 00-0002)*

02 86 00 00-0013	EA	95 Gallon, DOT E9618, Twist On Lid 31" Diameter X 41" High	531.30	
02 86 00 00-0014	EA	20 Gallon, Labpack, Twist On Lid 21" Diameter X 7.5" High	98.19	
02 86 00 00-0015	EA	85 Gallon, DOT E9775, Clamp Ring Lid, 27" Diameter X 41" High	480.76	

02 86 00 00-0016 Composite Overpacks *(02 86 00 00-0002)*

02 86 00 00-0017	EA	55 Gal, DOT 17C, Steel Drum Nested With 2-20 Gallon Fiber Drums	260.89	
02 86 00 00-0018	EA	55 Gal, DOT 17C, Steel Drum Nested With 4-10 Gallon Fiber Drums	358.01	
02 86 00 00-0019	EA	85 Gal, 16 Gauge Salvage Drum Nested With 3-20 Gallon Fiber Drums	485.60	

02 86 00 00-0020 DOT E-9168 Exempt Packaging *(02 86 00 00-0002)*

02 86 00 00-0021	EA	32 Oz Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	49.65	
02 86 00 00-0022	EA	950 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	52.38	
02 86 00 00-0023	EA	500 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	51.21	
02 86 00 00-0024	EA	250 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	25.36	
02 86 00 00-0025	EA	Can, Carton, Insert, Tape - Corrosive And Flammable - UPS	13.98	
02 86 00 00-0026	EA	16 Oz Bottle, Carton, Insert And Tape, Sludge/Viscous, UPS	8.16	
02 86 00 00-0027	EA	32 Oz Bottle, Carton, Insert And Tape, Sludge/Viscous, UPS	10.61	

02 86 00 00-0028 Steel Drums *(02 86 00 00-0001)*

02 86 00 00-0029 UN Rated Steel Drums *(02 86 00 00-0028)*

02 86 00 00-0030	EA	8 Gallon, 17C, Open, Steel Drum	87.60	
02 86 00 00-0031	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (25-49)	1,380.00	
02 86 00 00-0032	EA	UN 1A2/X 320/S 55 Gallon, Open, 16 Gauge, Steel Drum	136.51	
02 86 00 00-0033	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (10-24)	1,113.58	
02 86 00 00-0034	EA	55 Gallon Reconditioned Steel 17h Drum (50+)	85.69	
02 86 00 00-0035	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (25-49)	1,092.62	
02 86 00 00-0036	EA	UN 1A2/X 320/S 55 Gallon, Closed, 16 Gauge, Steel Drum	129.02	
02 86 00 00-0037	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (50+)	1,308.15	
02 86 00 00-0038	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (10-24)	1,598.52	
02 86 00 00-0039	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (25-49)	1,568.59	
02 86 00 00-0040	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (1-9)	1,445.85	
02 86 00 00-0041	EA	UN 1A2/Y 1.4/100 55 Gallon, Open, 16 Gauge, Steel Drum	104.62	
02 86 00 00-0042	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (50+)	984.86	
02 86 00 00-0043	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (10-24)	1,418.91	
02 86 00 00-0044	EA	UN 1A2/Y 1.4/100 55 Gallon, Closed, 16 Gauge, Steel Drum	82.45	
02 86 00 00-0045	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (1-9)	927.98	
02 86 00 00-0046	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (50+)	1,412.93	
02 86 00 00-0047	EA	UN 1A2/X 160/S 30 Gallon, Open, 18 Gauge, Steel Drum	95.57	
02 86 00 00-0048	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (1-9)	1,508.72	
02 86 00 00-0049	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (10-24)	892.06	
02 86 00 00-0050	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (25-49)	1,278.22	
02 86 00 00-0051	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (25-49)	853.14	
02 86 00 00-0052	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (10-24)	1,472.80	
02 86 00 00-0053	EA	UN 1A2/Y 1.4/100 30 Gallon, Open, 18 Gauge, Steel Drum	81.24	
02 86 00 00-0054	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (50+)	1,212.36	
02 86 00 00-0055	EA	55 Gallon Reconditioned Steel 17h Drum (1-9)	125.68	
02 86 00 00-0056	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (50+)	823.21	
02 86 00 00-0057	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (25-49)	1,445.85	
02 86 00 00-0058	EA	30 Gallon, 17E, Open, Steel Drum	58.94	
02 86 00 00-0059	EA	55 Gallon Reconditioned Steel 17h Drum (10-24)	111.40	
02 86 00 00-0060	EA	20 Gallon, 17C, Open, Steel Drum	82.83	
02 86 00 00-0061	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (50+)	1,302.17	
02 86 00 00-0062	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (1-9)	1,559.61	
02 86 00 00-0063	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (1-9)	1,140.52	
02 86 00 00-0064	EA	55 Gallon Reconditioned Steel 17h Drum (25-49)	97.12	
02 86 00 00-0065	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (10-24)	1,529.67	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 86 00 00-0066	EA	20 Gallon, 17E, Open, Steel Drum	55.75	
02 86 00 00-0067		Plastic Drums *(02 86 00 00-0001)*		
02 86 00 00-0068		Polyethylene Closed Head Drums *(02 86 00 00-0067)*		
		Note: Closed head drums have standard NPS (National Pipe Standard) plug and drain vents. Primarily for liquids.		
02 86 00 00-0069	EA	55 Gallon Polyethylene Closed Head Drums	85.70	
02 86 00 00-0070	EA	35 Gallon Polyethylene Closed Head Drums	65.79	
02 86 00 00-0071	EA	30 Gallon Polyethylene Closed Head Drums	59.73	
02 86 00 00-0072	EA	20 Gallon Polyethylene Closed Head Drums	41.73	
02 86 00 00-0073	EA	15 Gallon Polyethylene Closed Head Drums	40.94	
02 86 00 00-0074		Polyethylene Open Head Drums *(02 86 00 00-0067)*		
		Note: Open head drums are primarily used for solids and sludge.		
02 86 00 00-0075	EA	55 Gallon Polyethylene Open Head Drums	108.31	
02 86 00 00-0076	EA	35 Gallon Polyethylene Open Head Drums	79.64	
02 86 00 00-0077	EA	30 Gallon Polyethylene Open Head Drums	75.66	
02 86 00 00-0078	EA	20 Gallon Polyethylene Open Head Drums	55.75	
02 86 00 00-0079	EA	15 Gallon Polyethylene Open Head Drums	47.79	
02 86 00 00-0080		Fiber Drums *(02 86 00 00-0001)*		
02 86 00 00-0081		Steel Top/Fiber Bottom Drums, Hazardous *(02 86 00 00-0080)*		
		Note: Waste fiber drums have tubular rubber gaskets and caulked bottom seams.		
02 86 00 00-0082	EA	30 Gallon Fiber Drum DOT-21C (1-9)	65.63	
02 86 00 00-0083	EA	30 Gallon Fiber Drum DOT-21C (10-24)	61.48	
02 86 00 00-0084	EA	30 Gallon Fiber Drum DOT-21C (25-49)	56.07	
02 86 00 00-0085	EA	30 Gallon Fiber Drum DOT-21C (50+)	55.43	
02 86 00 00-0086	EA	55 Gallon Fiber Drum DOT-21C (1-9)	67.54	
02 86 00 00-0087	EA	55 Gallon Fiber Drum DOT-21C (10-24)	63.71	
02 86 00 00-0088	EA	55 Gallon Fiber Drum DOT-21C (25-49)	58.94	
02 86 00 00-0089	EA	55 Gallon Fiber Drum DOT-21C (50-99)	57.02	
02 86 00 00-0090	EA	55 Gallon Fiber Drum DOT-21C (100+)	49.38	
02 86 00 00-0091	EA	10 Gallon, 20" Diameter, DOT 21C-250 Polyethylene/Polyester Lined	42.05	
02 86 00 00-0092	EA	20 Gallon, 20" Diameter, DOT 21C-250 Polyethylene/Polyester Lined	45.87	
02 86 00 00-0093	EA	20 Gallon, 23" Diameter, DOT 21C-250 Polyethylene/Polyester Lined	53.52	
02 86 00 00-0094		Loading Hazardous Waste For Shipment *(02 86 00 00-0001)*		
02 86 00 00-0095	EA	Load Drums On Disposal Truck	13.38	
02 86 00 00-0096	EA	Load Liquid Or Sludge Into 5,000 Gallon Bulk Tank Truck	1,402.58	
02 86 00 00-0097		Transport Drums To Landfill *(02 86 00 00-0001)*		
		Note: Includes transportation for up to 25 miles.		
02 86 00 00-0098	EA	Transport Drum To Landfill	104.90	
		Note: Includes transportation for up to 25 miles.		

02 87 Bio-Hazard Material Remediation *(02 80)*

02 87 13 Mold Remediation *(02 87)*

Note: All unit pricing in this section includes: materials, equipment, mobilization, preparation, removal, cleanup, vacuuming, transportation for up to 25 miles, disposal, monitoring (personnel and air), sampling/testing, fees, documentation and other associated costs necessary for the complete removal and disposal of mold in accordance with EPA, OSHA, IICRC standards and local regulations. Where types of Mold are listed by quantity, the quantity of the entire project, not a particular work area of building, is to be used in determining which tasks apply. For certain types of work, there is a task with a unit of measure of SET for a quantity of less than 100 LF or SF (Up to 25 LF for Mold Abatement pipe insulation), followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project. See CSI section 01 56 16 00-0023 for temporary stud walls, 01 74 19 00-0040 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0008 for plastic sheeting for containment construction, 02 89 00 00-0020 for decontamination chambers.

02 87 13 33 Removal and Disposal of Materials with Mold *(02 87 13)*

02 87 13 33-0001		Pipe And Pipe Fittings Insulation, Mold Abatement And Disposal *(02 87 13 33)*		
		Note: Treat fittings as additional lf of insulation.		
02 87 13 33-0002		Pipe Insulation, Mold Abatement And Disposal *(02 87 13 33-0001)*		
		Note: Diameter is outer size of insulation.		
02 87 13 33-0003		Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal *(02 87 13 33-0002)*		
		Note: Excludes encased fittings.		
02 87 13 33-0004	SET	Up To 20 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	939.98	
02 87 13 33-0005	LF	>20 To 250 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	36.51	
02 87 13 33-0006	LF	>250 To 500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	27.55	
02 87 13 33-0007	LF	>500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	20.83	
02 87 13 33-0008	LF	>2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	15.79	
02 87 13 33-0009	LF	>10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	13.82	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 13 33-0010		**>6" Diameter Pipe Insulation, Mold Abatement And Disposal** *(02 87 13 33-0002)*		
02 87 13 33-0011	SET	Up To 20 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	981.53	
02 87 13 33-0012	LF	>20 To 250 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	43.95	
02 87 13 33-0013	LF	>250 To 500 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	33.65	
02 87 13 33-0014	LF	>500 To 2,500 LF, > 6" Diameter Pipe Insulation, Mold Abatement And Disposal	25.94	
02 87 13 33-0015	LF	>2,500 To 10,000 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	20.14	
02 87 13 33-0016	LF	>10,000 LF, > 6" Diameter Pipe Insulation, Mold Abatement And Disposal	17.88	
02 87 13 33-0017		**Thermal Insulation, Mold Abatement And Disposal** *(02 87 13 33)*		
02 87 13 33-0018		**Other Thermal Insulation, Up To 3" Thick, Mold Abatement And Disposal** *(02 87 13 33-0017)*		
02 87 13 33-0019	SET	Up To 50 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	960.75	
02 87 13 33-0020	SF	>50 To 500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	21.28	
02 87 13 33-0021	SF	>500 To 2,500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	16.12	
02 87 13 33-0022	SF	>2,500 To 10,000 SF, Up To 3" Thick Other Thermal Insulation, Mold Abatement And Disposal	12.27	
02 87 13 33-0023	SF	>10,000 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	9.56	
02 87 13 33-0024		**Surfacing Material, Mold Abatement And Disposal** *(02 87 13 33)*		
		Note: e.g. fireproofing, acoustical plaster, etc.		
02 87 13 33-0025		**Stucco, Mold Abatement And Disposal** *(02 87 13 33-0024)*		
		Note: Remove surface coat from brown coat or remove entire assembly, including lath.		
02 87 13 33-0026	SET	Up To 50 SF, Stucco, Mold Abatement And Disposal	949.22	
02 87 13 33-0027	SF	>50 To 500 SF, Stucco, Mold Abatement And Disposal	21.05	
02 87 13 33-0028	SF	>500 To 2,500 SF, Stucco, Mold Abatement And Disposal	15.89	
02 87 13 33-0029	SF	>2,500 To 10,000 SF, Stucco, Mold Abatement And Disposal	12.04	
02 87 13 33-0030	SF	>10,000 SF, Stucco, Mold Abatement And Disposal	9.16	
02 87 13 33-0031		**Acoustical Plaster, Mold Abatement And Disposal** *(02 87 13 33-0024)*		
		Note: Remove surface coat from brown coat or remove entire assembly, including lath.		
02 87 13 33-0032	SET	Up To 50 SF, Acoustical Plaster, Mold Abatement And Disposal	949.22	
02 87 13 33-0033	SF	>50 To 500 SF, Acoustical Plaster, Mold Abatement And Disposal	21.05	
02 87 13 33-0034	SF	>500 To 2,500 SF, Acoustical Plaster, Mold Abatement And Disposal	15.89	
02 87 13 33-0035	SF	>2,500 To 10,000 SF, Acoustical Plaster, Mold Abatement And Disposal	12.04	
02 87 13 33-0036	SF	>10,000 SF, Acoustical Plaster, Mold Abatement And Disposal	9.16	
02 87 13 33-0037		**Gypsum Board, Mold Abatement And Disposal** *(02 87 13 33-0024)*		
02 87 13 33-0038	SET	Up To 100 SF, Gypsum Board, Mold Abatement And Disposal	972.30	
02 87 13 33-0039	SF	>100 To 500 SF, Gypsum Board, Mold Abatement And Disposal	7.12	
02 87 13 33-0040	SF	>500 To 2,500 SF, Gypsum Board, Mold Abatement And Disposal	5.67	
02 87 13 33-0041	SF	>2,500 To 10,000 SF, Gypsum Board, Mold Abatement And Disposal	4.51	
02 87 13 33-0042	SF	>10,000 SF, Gypsum Board, Mold Abatement And Disposal	3.35	
02 87 13 33-0043		**Fireproofing, Mold Abatement And Disposal** *(02 87 13 33-0024)*		
		Note: Exposed surface area, includes associated overspray.		
02 87 13 33-0044	SET	Up To 50 SF, Fireproofing, Mold Abatement And Disposal	960.75	
02 87 13 33-0045	SF	>50 To 500 SF, Fireproofing, Mold Abatement And Disposal	29.05	
02 87 13 33-0046	SF	>500 To 2,500 SF, Fireproofing, Mold Abatement And Disposal	21.99	
02 87 13 33-0047	SF	>2,500 To 10,000 SF, Fireproofing, Mold Abatement And Disposal	16.66	
02 87 13 33-0048	SF	>10,000 SF, Fireproofing, Mold Abatement And Disposal	12.67	
02 87 13 33-0049		**Flooring, Mold Abatement And Disposal** *(02 87 13 33)*		
		Note: Includes cove base.		
02 87 13 33-0050		**Floor Tile Or Linoleum, Mold Abatement And Disposal** *(02 87 13 33-0049)*		
02 87 13 33-0051		**Floor Tile Or Linoleum, Mold Abatement And Disposal** *(02 87 13 33-0050)*		
		Note: Single layer or first of multiple layers.		
02 87 13 33-0052	SET	Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	972.30	
02 87 13 33-0053	SF	>100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	7.07	
		For Each Additional Layer, Add	*1.77*	
02 87 13 33-0054	SF	>500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	4.03	
		For Each Additional Layer, Add	*1.01*	
02 87 13 33-0055	SF	>2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	2.39	
		For Each Additional Layer, Add	*0.60*	
02 87 13 33-0056	SF	>10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	1.89	
		For Each Additional Layer, Add	*0.47*	
02 87 13 33-0057		**Carpet, Mold Abatement And Disposal** *(02 87 13 33-0049)*		
02 87 13 33-0058		**Carpet, Glue Down, Mold Abatement And Disposal** *(02 87 13 33-0057)*		
02 87 13 33-0059	SET	Up To 100 SF, Carpet, Glue Down, Mold Abatement And Disposal	972.30	
02 87 13 33-0060	SF	>100 To 500 SF, Carpet, Glue Down, Mold Abatement And Disposal	5.91	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 13 33-0061	SF	>500 To 2,500 SF, Carpet, Glue Down, Mold Abatement And Disposal	3.77	
02 87 13 33-0062	SF	>2,500 To 10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal	2.57	
02 87 13 33-0063	SF	>10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal	2.01	

02 87 13 33-0064 Carpet, Padded With Tack Strips, Mold Abatement And Disposal *(02 87 13 33-0057)*

02 87 13 33-0065	SET	Up To 100 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	972.30	
02 87 13 33-0066	SF	>100 To 500 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	6.63	
02 87 13 33-0067	SF	>500 To 2,500 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	4.87	
02 87 13 33-0068	SF	>2,500 To 10,000 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	3.89	
02 87 13 33-0069	SF	>10,000 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	3.03	

02 87 13 33-0070 Subflooring, Mold Abatement And Disposal *(02 87 13 33-0049)*

02 87 13 33-0071	SET	Up To 75 SF, Subflooring, Mold Abatement And Disposal	960.75	
02 87 13 33-0072	SF	>75 To 500 SF, Subflooring, Mold Abatement And Disposal	8.12	
02 87 13 33-0073	SF	>500 To 2,500 SF, Subflooring, Mold Abatement And Disposal	5.24	
02 87 13 33-0074	SF	>2,500 To 10,000 SF, Subflooring, Mold Abatement And Disposal	3.22	
02 87 13 33-0075	SF	>10,000 SF, Subflooring, Mold Abatement And Disposal	2.11	

02 87 13 33-0076 Siding, Mold Abatement And Disposal *(02 87 13 33)*

02 87 13 33-0077 Interior Paneling, Mold Abatement And Disposal *(02 87 13 33-0076)*

Note: Includes detachment of mounted objects before removal.

02 87 13 33-0078	SET	Up To 100 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	972.30	
02 87 13 33-0079	SF	>100 To 500 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	7.05	
02 87 13 33-0080	SF	>500 To 2,500 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	5.00	
02 87 13 33-0081	SF	>2,500 To 10,000 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	2.98	
02 87 13 33-0082	SF	>10,000 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	2.31	

02 87 13 33-0083 Exterior Siding, Mold Abatement And Disposal *(02 87 13 33-0076)*

02 87 13 33-0084	SET	Up To 100 SF, Exterior Siding Board, Mold Abatement And Disposal	972.30	
02 87 13 33-0085	SF	>100 To 500 SF, Exterior Siding Board, Mold Abatement And Disposal	8.73	
02 87 13 33-0086	SF	>500 To 2,500 SF, Exterior Siding Board, Mold Abatement And Disposal	6.11	
02 87 13 33-0087	SF	>2,500 To 10,000 SF, Exterior Siding Board, Mold Abatement And Disposal	4.16	
02 87 13 33-0088	SF	>10,000 SF, Exterior Siding Board, Mold Abatement And Disposal	3.77	

02 87 13 33-0089 Contaminated Debris, Mold Abatement And Disposal *(02 87 13 33)*

02 87 13 33-0090 Contaminated Debris, Mold Abatement And Disposal *(02 87 13 33-0089)*

02 87 13 33-0091	SET	Up To 20 CF, Contaminated Debris, Mold Abatement And Disposal	981.53	
02 87 13 33-0092	CF	>20 To 100 CF, Contaminated Debris, Mold Abatement And Disposal	34.80	
02 87 13 33-0093	CF	>100 To 250 CF, Contaminated Debris, Mold Abatement And Disposal	24.13	
02 87 13 33-0094	CF	>250 To 500 CF, Contaminated Debris, Mold Abatement And Disposal	18.78	
02 87 13 33-0095	CF	>500 To 2,500 CF, Contaminated Debris, Mold Abatement And Disposal	15.59	
02 87 13 33-0096	CF	>2,500 To 10,000 CF, Contaminated Debris, Mold Abatement And Disposal	9.77	
02 87 13 33-0097	CF	>10,000 CF, Contaminated Debris, Mold Abatement And Disposal	9.06	

02 87 13 33-0098 Other Mold Containing Materials, Mold Abatement And Disposal *(02 87 13 33)*

02 87 13 33-0099 Wood Studs, Mold Abatement And Disposal *(02 87 13 33-0098)*

Note: 2" x 4" or 2" x 6" exposed studs in walls. Excludes surfacing material.

02 87 13 33-0100	SET	Up To 100 LF, Wood Studs, Mold Abatement And Disposal	486.14	
02 87 13 33-0101	LF	>100 To 500 LF, Wood Studs, Mold Abatement And Disposal	3.97	
02 87 13 33-0102	LF	>500 To 2,500 LF, Wood Studs, Mold Abatement And Disposal	2.96	
02 87 13 33-0103	LF	>2,500 To 10,000 LF, Wood Studs, Mold Abatement And Disposal	2.33	
02 87 13 33-0104	LF	>10,000 LF, Wood Studs, Mold Abatement And Disposal	1.79	

02 87 13 33-0105 Ceiling Tile, Mold Abatement And Disposal *(02 87 13 33-0098)*

Note: e.g. grid, spline, or glued on; 12" x 12" to 2' x 4'.

02 87 13 33-0106	SET	Up To 100 SF, Ceiling Tile, Mold Abatement And Disposal	972.30	
02 87 13 33-0107	SF	>100 To 1,000 SF, Ceiling Tile, Mold Abatement And Disposal	12.04	
02 87 13 33-0108	SF	>1,000 To 2,500 SF, Ceiling Tile, Mold Abatement And Disposal	5.73	
02 87 13 33-0109	SF	>2,500 To 10,000 SF, Ceiling Tile, Mold Abatement And Disposal	4.16	
02 87 13 33-0110	SF	>10,000 To 25,000 SF, Ceiling Tile, Mold Abatement And Disposal	4.11	
02 87 13 33-0111	SF	>25,000 To 50,000 SF, Ceiling Tile, Mold Abatement And Disposal	4.03	
02 87 13 33-0112	SF	>50,000 To 100,000 SF, Ceiling Tile, Mold Abatement And Disposal	3.55	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 13 33-0113	SF	>100,000 SF, Ceiling Tile, Mold Abatement And Disposal	3.11	

02 87 13 33-0114 Caulking, Mold Abatement And Disposal *(02 87 13 33-0098)*

02 87 13 33-0115	SET	Up To 20 LF, Caulking, Mold Abatement And Disposal	232.30	
02 87 13 33-0116	LF	>20 To 50 LF, Caulking, Mold Abatement And Disposal	4.68	
02 87 13 33-0117	LF	>50 To 100 LF, Caulking, Mold Abatement And Disposal	3.35	
02 87 13 33-0118	LF	>100 To 250 LF, Caulking, Mold Abatement And Disposal	2.54	
02 87 13 33-0119	LF	>250 To 1,000 LF, Caulking, Mold Abatement And Disposal	1.89	
02 87 13 33-0120	LF	>1,000 To 2,500 LF, Caulking, Mold Abatement And Disposal	1.53	
02 87 13 33-0121	LF	>2,500 LF, Caulking, Mold Abatement And Disposal	1.33	

02 87 13 33-0122 Wipe Down Walls, Ceilings And Floors *(02 87 13 33-0098)*

02 87 13 33-0123	CSF	Wipe Down Floors With Mild Bleach Solution	25.74	
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 200, Deduct	*-6.43*	
		For >200, Deduct	*-10.29*	
02 87 13 33-0124	CSF	Wipe Down Walls With Mild Bleach Solution	30.28	
		For >25 To 50, Deduct	*-3.03*	
		For >50 To 200, Deduct	*-7.57*	
		For >200, Deduct	*-12.11*	
02 87 13 33-0125	CSF	Wipe Down Ceilings With Mild Bleach Solution	34.44	
		For >25 To 50, Deduct	*-3.44*	
		For >50 To 200, Deduct	*-8.61*	
		For >200, Deduct	*-13.77*	
02 87 13 33-0126	CSF	Wipe Down Countertops With Mild Bleach Solution	28.08	
		For >25 To 50, Deduct	*-2.81*	
02 87 13 33-0127	CSF	Wipe Down Other Surfaces With Mild Bleach Solution	35.63	
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 200, Deduct	*-8.91*	
		For >200, Deduct	*-14.25*	

02 87 13 33-0128 Cabinets *(02 87 13 33-0098)*

02 87 13 33-0129	SET	Up To 10 LF, Base Cabinet, Mold Abatement And Disposal	1,066.76	
02 87 13 33-0130	LF	>10 To 20 LF, Base Cabinet, Mold Abatement And Disposal	112.30	
02 87 13 33-0131	LF	>20 LF, Base Cabinet, Mold Abatement And Disposal	84.16	
02 87 13 33-0132	SET	Up To 10 LF, Wall Cabinet, Mold Abatement And Disposal	983.66	
02 87 13 33-0133	LF	>10 To 20 LF, Wall Cabinet, Mold Abatement And Disposal	92.74	
02 87 13 33-0134	LF	>20 LF, Wall Cabinet, Mold Abatement And Disposal	64.59	

02 87 16 Excrement Removal *(02 87)*

Note: Includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, cleanup, vacuuming, disposal, personnel health monitoring, documentation and other associated costs necessary for the complete removal and disposal of the contaminated material in accordance with EPA and local regulations. The quantity of the entire project, not a particular work area, is to be used in determining which tasks apply. There is a task with a unit of measure of EA for a quantity of less than 10 SF, followed by a series of tasks for additional quantities. For those tasks, the contractor will be paid the first task with a unit of measure of EA, plus each additional task in sequence to arrive at the total quantity for the entire project, not a particular work area.

02 87 16 13 Bird Excrement Removal *(02 87 16)*

02 87 16 13-0001 Bird Waste Removal *(02 87 16 13)*

Note: In addition to items listed the Bio-Hazard Material Remediation note above, includes wetting agents and disinfection of contaminated surfaces.

02 87 16 13-0002	EA	Up To 10 SF Bird Waste Removal, Up To 3" Thickness	926.13	
		For Work In Restricted Working Space, Add	*277.84*	
02 87 16 13-0003	SF	>10 To 500 SF Bird Waste Removal, Up To 3" Thickness	15.43	
		For Work In Restricted Working Space, Add	*4.63*	
02 87 16 13-0004	SF	>500 To 2,500 SF Bird Waste Removal, Up To 3" Thickness	14.03	
		For Work In Restricted Working Space, Add	*4.21*	
02 87 16 13-0005	SF	>2,500 To 10,000 SF Bird Waste Removal, Up To 3" Thickness	12.75	
		For Work In Restricted Working Space, Add	*3.83*	
02 87 16 13-0006	SF	>10,000 SF Bird Waste Removal, Up To 3" Thickness	11.60	
		For Work In Restricted Working Space, Add	*3.48*	

02 87 19 Bio-Hazard and Infectious Disease Control Remediation *(02 87)*

02 87 19 00-0001 Barriers For Bio-Hazard And Infectious Disease Control *(02 87 19)*

02 87 19 00-0002 Adjustable Barrier Panel System For Bio-Hazard And Infectious Disease Control *(02 87 19 00-0001)*

Note: Panels are opal or transparent. Includes self-leveling floor channel, 1/4" foam gasket to conform to ceiling, edge gaskets, grid clips, and cam locks.

02 87 19 00-0003	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4000)	722.85	
02 87 19 00-0004	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4001)	686.54	
02 87 19 00-0005	EA	2' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4002)	541.28	
02 87 19 00-0006	EA	2' Wide x 7'-8" To 10' High With High Efficiency Particulate Air (HEPA) Filtered Air Discharge Port, Fire Rated Containment Panel Assembly (Edge Guard 4002.1)	626.01	
02 87 19 00-0007	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 44" Door (Edge Guard 4003)	1,225.21	
		Note: Includes a hydraulic closer and a lever style lockset standard.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0008	EA	7'-8" To 10' High, Hinged Corner Assembly (Edge Guard 4004)	247.27	
02 87 19 00-0009	EA	6" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4005)	331.16	
02 87 19 00-0010	EA	12" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4006)	355.37	
02 87 19 00-0011	EA	7'-8" To 10' High, Outside Corner Post (Edge Guard 4007)	204.91	
02 87 19 00-0012	EA	4'-4" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 48" Door (Edge Guard 4008) Note: Includes a hydraulic closer and a lever style lockset standard.	1,467.31	
02 87 19 00-0013	EA	7'-8" To 10' High, "T" Post Corner Assembly (Edge Guard 4009)	204.91	
02 87 19 00-0014	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 32" Door (Edge Guard 4010) Note: Includes a hydraulic closer and a lever style lockset standard.	1,104.16	
02 87 19 00-0015	EA	Closure Strips (Edge Guard 3003) Note: To seal panels to existing walls	14.82	
02 87 19 00-0016	EA	Digital Differential Pressure Gauge Kit (Edge Guard 3005)	338.72	
02 87 19 00-0017		Temporary Sheeting For Bio-Hazard And Infectious Disease Control *(02 87 19 00-0001)* Note: Includes removal and disposal in approved landfill after use.		
02 87 19 00-0018	SF	6 Mil Plastic Sheeting, Applied To Floors, For Bio-Hazard And Infectious Disease Control	0.58	
02 87 19 00-0019	SF	6 Mil Plastic Sheeting, Applied To Walls, For Bio-Hazard And Infectious Disease Control	0.76	
02 87 19 00-0020	SF	6 Mil Plastic Sheeting, Applied To Ceilings, For Bio-Hazard And Infectious Disease Control	1.03	
02 87 19 00-0021	SF	6 Mil Plastic Fire Retardant, Anti-static Sheeting, Applied To Floors, For Bio-Hazard And Infectious Disease Control	0.69	
02 87 19 00-0022	SF	6 Mil Plastic Fire Retardant, Anti-static Retardant Sheeting, Applied To Walls, For Bio-Hazard And Infectious Disease Control	0.87	
02 87 19 00-0023	SF	6 Mil Plastic Fire Retardant, Anti-static Retardant Sheeting, Applied To Ceilings, For Bio-Hazard And Infectious Disease Control	1.14	
02 87 19 00-0024		Temporary Floor Protection For Bio-Hazard And Infectious Disease Control *(02 87 19 00-0001)* Note: Includes removal after use.		
02 87 19 00-0025	SF	1/8" Thick, Masonite Temporary Floor Protection For Bio-Hazard And Infectious Disease Control	1.88	
02 87 19 00-0026	SF	1/2" Thick, Plywood Temporary Floor Protection For Bio-Hazard And Infectious Disease Control	1.89	
02 87 19 00-0027	SF	3/4" Thick, Plywood Temporary Floor Protection For Bio-Hazard And Infectious Disease Control	2.23	
02 87 19 00-0028		Temporary Stud Wall For Bio-Hazard And Infectious Disease Control *(02 87 19 00-0001)* Note: Includes removal after use.		
02 87 19 00-0029	SF	1/2" Gypsum Board On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	6.58	
02 87 19 00-0030	SF	1/2" Gypsum Board On Both Sides, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	9.14	
02 87 19 00-0031	SF	5/8" Type Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	6.78	
02 87 19 00-0032	SF	5/8" Type Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	9.54	
02 87 19 00-0033	SF	6 Mil, Fire Retardant, Plastic Sheeting On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	3.82	
02 87 19 00-0034		Isolation Barriers For Bio-Hazard And Infectious Disease Control *(02 87 19 00-0001)*		
02 87 19 00-0035	GSF	Tent Construction Utilizing Two Layers Of 6 Mil Fire Rated Plastic Sheeting For Bio-Hazard And Infectious Disease Control Note: Includes support frame of 2x4s or PVC piping (ground SF) to construct stand-alone tents (floor, walls and ceiling) with airlock.	24.30	
02 87 19 00-0036	GSF	Relocate Tent Construction To Different Area	2.91	
02 87 19 00-0037		Plexiglass Barriers For Bio-Hazard And Infectious Disease Control *(02 87 19 00-0001)*		
02 87 19 00-0038	SF	3/8" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control	21.38	
02 87 19 00-0039	SF	1/2" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control	25.22	
02 87 19 00-0040	SF	3/4" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control	35.45	
02 87 19 00-0041	PR	Install Pair Of 8" Diameter Glove Iris Port In Barrier For Bio-Hazard And Infectious Disease Control Note: Excludes gloves.	1,553.12	
02 87 19 00-0042	PR	Pair Of 8" Diameter Economy Sleeved Gloves With Clamping Ring For Bio-Hazard And Infectious Disease Control Note: For installation in glove iris port.	557.02	
02 87 19 00-0043	PR	Pair Of 8" Diameter Bellows Type Gloves With Clamping Ring For Bio-Hazard And Infectious Disease Control Note: For installation in glove iris port.	890.76	
02 87 19 00-0044	EA	5-5/16" Diameter, Satin Anodized Aluminum, No-Draft Speak-Thru In Barrier For Bio-Hazard And Infectious Disease Note: Includes gaskets and mounting screws for installation on glass from 1/4" (6 mm) to 1/2" (12 mm) thick. Require a minimum hole diameter of 2-1/4" (57 mm), and will cover holes up to 4-1/4" (108 mm). Recommended hole diameter is 3-1/2" (89 mm).	157.72	
02 87 19 00-0045		Temporary Portable And Mobile Trailers *(02 87 19)*		
02 87 19 00-0046		Trailer Delivery *(02 87 19 00-0045)*		
02 87 19 00-0047	EA	Deliver Trailer Within 25 Miles	1,418.95	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0048		**Portable And Mobile Trailers, Purchase** *(02 87 19 00-0045)* Note: Includes cost to set-up, underpin, tie-downs, HVAC unit, lights, outlets, & phone jacks. Trailers shall have a 12' x 12' office area and 6' x 8' bathroom with sink, mirror, and water closet. Minimum of two pedestrian doors and a tinted/insulated 3' x 4' single hung window per 20 SF of wall area. Excludes connection of utilities.		
02 87 19 00-0049	EA	8' x 24' Mobile Trailer With Toilet, Purchase	13,744.15	
		For Tie-Downs, Add	*136.70*	
02 87 19 00-0050	EA	8' x 32' Mobile Trailer With Toilet, Purchase	19,416.84	
		For Tie-Downs, Add	*136.70*	
02 87 19 00-0051	EA	10' x 36' Mobile Trailer With Toilet, Purchase	27,705.53	
		For Tie-Downs, Add	*136.70*	
02 87 19 00-0052	EA	10' x 44' Mobile Trailer With Toilet, Purchase	34,621.75	
		For Tie-Downs, Add	*136.70*	
02 87 19 00-0053	EA	10' x 50' Mobile Trailer With Toilet, Purchase	39,361.90	
		For Tie-Downs, Add	*136.70*	
02 87 19 00-0054	EA	12' x 50' Mobile Trailer With Toilet, Purchase	41,379.71	
		For Tie-Downs, Add	*136.70*	
02 87 19 00-0055	EA	12' x 60' Mobile Trailer With Toilet, Purchase	46,043.16	
		For Tie-Downs, Add	*136.70*	
02 87 19 00-0056		**Accessories For Portable And Mobile Trailers** *(02 87 19 00-0045)*		
02 87 19 00-0057		**Skirting** *(02 87 19 00-0056)* Note: Includes 2" x 4" wood framing 16" on center.		
02 87 19 00-0058	SF	1'-8" High Vinyl Covered Skirt	5.46	1.97
02 87 19 00-0059	SF	3' High Vinyl Covered Skirt	7.95	3.24
02 87 19 00-0060		**Aluminum Modular Access Ramp** *(02 87 19 00-0056)* Note: Includes picketed guardrails, inside grab rails, legs and hardware.		
02 87 19 00-0061	EA	Up To 35" High, Aluminum Modular Access Ramp	4,007.84	37.67
02 87 19 00-0062		**Aluminum Modular Stairs** *(02 87 19 00-0056)* Note: Excludes earthwork		
02 87 19 00-0063	EA	Aluminum Steps For Mobile Trailers	1,106.41	
02 87 19 00-0064		**Decontamination Chambers For Bio-Hazard And Infectious Disease Control** *(02 87 19)* Note: Includes removal after use.		
02 87 19 00-0065	EA	Portable Personnel Decontamination Wash Facility (3 Stage) For Bio-Hazard And Infectious Disease Control Note: Includes connection to negative air system.	1,039.93	
02 87 19 00-0066	EA	Portable Personnel Decontamination Wash Facility (5 Stage) For Bio-Hazard And Infectious Disease Control Note: Includes connection to negative air system.	1,225.04	
02 87 19 00-0067	EA	Portable Waste Decontamination Unit For Bio-Hazard And Infectious Disease Control Note: Includes connection to negative air system.	629.31	
02 87 19 00-0068		**Bio-Hazard And Infectious Disease Control Cleaning, Level 2** *(02 87 19)* Note: Includes worker personal protection equipment suites, gloves and masks. Level 1 Biohazard - Minor bacteria and viruses as well as non-infectious bacteria. Microbes are not known to cause disease in healthy hosts and pose minimal risk to workers and the environment. Level 2 Biohazard - Bacteria and viruses that cause mild disease or are difficult to contract. Microbes are typically indigenous and are associated with diseases of varying severity. They pose moderate risk to workers and the environment. Level 3 Biohazard - Microbes are indigenous or exotic and cause serious or potential lethal diseases through respiratory transmission. Disposal of materials used to wipe down surfaces in approved landfill after use. See CSI section 02 87 19 00-0138 for disposal of material into approved landfill.		
02 87 19 00-0069		**Bio-Hazard And Infectious Disease Control Cleaning Mobilization** *(02 87 19 00-0068)*		
02 87 19 00-0070	EA	Mobilization And Set-Up For Bio-Hazard And Infectious Disease Control Note: Mobilization and set-up minimum for each site location, for levels 1, 2 or 3.	381.74	
02 87 19 00-0071		**Bio-Hazard And Infectious Disease Control Cleaning Of Surfaces** *(02 87 19 00-0068)* Note: Includes electrostatic spraying of surfaces with mild bleach, wet mop/wipe, disinfect and high efficiency particulate air (HEPA) vacuum surfaces		
02 87 19 00-0072	CSF	Cleaning Of Floors For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	28.29	
		For >25 To 50, Deduct	*-2.83*	
		For >50 To 200, Deduct	*-5.65*	
		For >200, Deduct	*-8.48*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*15.37*	
		For Level 1 Biohazard Cleaning, Deduct	*-5.65*	
		For Level 3 Biohazard Cleaning, Add	*9.33*	
02 87 19 00-0073	CSF	Cleaning Of Walls For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	33.29	
		For >25 To 50, Deduct	*-3.33*	
		For >50 To 200, Deduct	*-6.65*	
		For >200, Deduct	*-9.98*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*15.37*	
		For Level 1 Biohazard Cleaning, Deduct	*-6.65*	
		For Level 3 Biohazard Cleaning, Add	*10.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0074	CSF	Cleaning Of Ceilings For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	37.86	
		For >25 To 50, Deduct	*-3.78*	
		For >50 To 200, Deduct	*-7.57*	
		For >200, Deduct	*-11.35*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*15.37*	
		For Level 1 Biohazard Cleaning, Deduct	*-7.57*	
		For Level 3 Biohazard Cleaning, Add	*12.49*	
02 87 19 00-0075	CSF	Cleaning Of Countertops For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	30.86	
		For Cleaning Surfaces With Goldshield® GS5, Add	*15.37*	
		For >5 To 10, Deduct	*-1.54*	
		For >10 To 50, Deduct	*-3.08*	
		For >50, Deduct	*-6.17*	
		For Level 1 Biohazard Cleaning, Deduct	*-6.17*	
		For Level 3 Biohazard Cleaning, Add	*10.18*	
02 87 19 00-0076	CSF	Cleaning Of Other Surfaces For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	39.18	
		For >25 To 50, Deduct	*-3.92*	
		For >50 To 200, Deduct	*-7.83*	
		For >200, Deduct	*-11.75*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*15.37*	
		For Level 1 Biohazard Cleaning, Deduct	*-7.83*	
		For Level 3 Biohazard Cleaning, Add	*12.92*	

02 87 19 00-0077 Bio-Hazard And Infectious Disease Control Cleaning Of Equipment And Materials *(02 87 19 00-0068)*

Note: Includes spraying of surfaces with mild bleach, wet mop/wipe and disinfect

02 87 19 00-0078	EA	Cleaning Of Plumbing Fixture For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	73.14	
		For Level 1 Biohazard Cleaning, Deduct	*-14.62*	
		For Level 3 Biohazard Cleaning, Add	*24.13*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*7.69*	
02 87 19 00-0079	EA	Cleaning Of Restroom Accessory For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	33.56	
		For Level 1 Biohazard Cleaning, Deduct	*-6.71*	
		For Level 3 Biohazard Cleaning, Add	*11.07*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*5.12*	
02 87 19 00-0080	EA	Cleaning Of Kitchen Appliance For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	117.82	
		For Level 1 Biohazard Cleaning, Deduct	*-23.56*	
		For Level 3 Biohazard Cleaning, Add	*38.87*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*7.69*	
02 87 19 00-0081	EA	Cleaning Of Electrical Switch/Receptacle For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	7.26	
		For Level 1 Biohazard Cleaning, Deduct	*-1.45*	
		For Level 3 Biohazard Cleaning, Add	*2.39*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*1.54*	
02 87 19 00-0082	EA	Cleaning Of WorkStation, Exterior Wipe For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution Cleanup	108.61	
		Note: Includes desk, chair, computer, monitor(s), keyboard, mouse, lamp, drawers		
		For Level 1 Biohazard Cleaning, Deduct	*-21.72*	
		For Level 3 Biohazard Cleaning, Add	*35.83*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*7.69*	
02 87 19 00-0083	EA	Cleaning Of Knobs, Latches, And Locks For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution Cleanup	11.60	
		For Level 1 Biohazard Cleaning, Deduct	*-2.32*	
		For Level 3 Biohazard Cleaning, Add	*3.82*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*1.54*	

02 87 19 00-0084 Bio-Hazard And Infectious Disease Control Cleaning Of Ductwork *(02 87 19 00-0068)*

02 87 19 00-0085	LF	Up To 2 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning	4.27	
		For Level 1 Biohazard Cleaning, Deduct	*-0.85*	
		For Level 3 Biohazard Cleaning, Add	*1.40*	
02 87 19 00-0086	LF	>2 SF To 4 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning	5.36	
		For Level 1 Biohazard Cleaning, Deduct	*-1.06*	
		For Level 3 Biohazard Cleaning, Add	*1.75*	
02 87 19 00-0087	LF	>4 SF To 8 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning	7.20	
		For Level 1 Biohazard Cleaning, Deduct	*-1.41*	
		For Level 3 Biohazard Cleaning, Add	*2.33*	
02 87 19 00-0088	LF	>8 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning	10.19	
		For Level 1 Biohazard Cleaning, Deduct	*-1.99*	
		For Level 3 Biohazard Cleaning, Add	*3.28*	
02 87 19 00-0089	EA	Clean Duct Coil For Bio-Hazard And Infectious Disease Control Cleaning	190.89	
		For Level 1 Biohazard Cleaning, Deduct	*-38.17*	
		For Level 3 Biohazard Cleaning, Add	*62.99*	
02 87 19 00-0090	SF	Clean Duct Dampers And Vane Sets For Bio-Hazard And Infectious Disease Control Cleaning	13.28	
		For Level 1 Biohazard Cleaning, Deduct	*-2.65*	
		For Level 3 Biohazard Cleaning, Add	*4.38*	
02 87 19 00-0091	EA	Clean Fan Coil Unit (FCU) Or Variable Air Volume (VAV) Unit For Bio-Hazard And Infectious Disease Control Cleaning	127.27	
		For Level 1 Biohazard Cleaning, Deduct	*-25.45*	
		For Level 3 Biohazard Cleaning, Add	*41.99*	
02 87 19 00-0092	EA	Clean Air Handling Unit Fan And Coil For Bio-Hazard And Infectious Disease Control Cleaning	381.76	
		For Level 1 Biohazard Cleaning, Deduct	*-76.35*	
		For Level 3 Biohazard Cleaning, Add	*125.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0093	EA	Clean Grille/Diffuser/Register For Bio-Hazard And Infectious Disease Control Cleaning Note: Includes removal and reinstallation.	31.83	
		For Level 1 Biohazard Cleaning, Deduct	*-6.36*	
		For Level 3 Biohazard Cleaning, Add	*10.50*	
02 87 19 00-0094	SF	Apply Sporicidin Disinfectant To Ductwork And Surfaces After Cleaning For Bio-Hazard And Infectious Disease Control Cleaning	0.58	
		For Level 1 Biohazard Cleaning, Deduct	*-0.10*	
		For Level 3 Biohazard Cleaning, Add	*0.17*	
02 87 19 00-0095	SF	Apply Goldshield® GS5 Anti-microbial Agent To Ductwork And Surfaces After Cleaning For Bio-Hazard And Infectious Disease Control Cleaning	0.66	
		For Level 1 Biohazard Cleaning, Deduct	*-0.10*	
		For Level 3 Biohazard Cleaning, Add	*0.17*	
02 87 19 00-0096		**Bio-Hazard And Infectious Disease Control Equipment Rental** *(02 87 19)* Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.		
02 87 19 00-0097	DAY	Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Cleanup	109.97	
02 87 19 00-0098	WK	Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Cleanup	468.40	
02 87 19 00-0099	MO	Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Cleanup	1,311.51	
02 87 19 00-0100	DAY	Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Cleanup	164.76	
02 87 19 00-0101	WK	Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Cleanup	453.10	
02 87 19 00-0102	MO	Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Cleanup	1,235.73	
02 87 19 00-0103	DAY	Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Cleanup	35.65	
02 87 19 00-0104	WK	Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Cleanup	98.05	
02 87 19 00-0105	MO	Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Cleanup	267.40	
02 87 19 00-0106	DAY	Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Cleanup	102.65	
02 87 19 00-0107	WK	Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Cleanup	421.59	
02 87 19 00-0108	MO	Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Cleanup	1,273.94	
02 87 19 00-0109	EA	High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Negative Air Machine For Bio-Hazard And Infectious Disease Control Cleanup Note: Required if over 800 hours operation.	134.41	
02 87 19 00-0110	DAY	20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup	351.06	
02 87 19 00-0111	WK	20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup	702.11	
02 87 19 00-0112	MO	20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup	1,404.23	
02 87 19 00-0113	DAY	20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup	468.08	
02 87 19 00-0114	WK	20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup	936.15	
02 87 19 00-0115	MO	20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup	1,872.30	
02 87 19 00-0116	DAY	20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup	1,034.55	
02 87 19 00-0117	WK	20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup	2,069.11	
02 87 19 00-0118	MO	20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup	4,138.22	
02 87 19 00-0119	DAY	20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup	1,379.41	
02 87 19 00-0120	WK	20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup	2,758.81	
02 87 19 00-0121	MO	20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup	5,517.62	
02 87 19 00-0122	DAY	20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup	1,724.26	
02 87 19 00-0123	WK	20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup	3,448.51	
02 87 19 00-0124	MO	20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup	6,897.03	
02 87 19 00-0125	EA	Set-up 20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup Note: Includes staking down tent.	116.63	
02 87 19 00-0126	EA	Set-up 20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup Note: Includes staking down tent.	233.25	
02 87 19 00-0127	EA	Set-up 20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup Note: Includes staking down tent.	699.77	
02 87 19 00-0128	EA	Set-up 20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup Note: Includes staking down tent.	1,399.54	
02 87 19 00-0129	EA	Set-up 20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup Note: Includes staking down tent.	2,332.56	
02 87 19 00-0130	DAY	Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Cleanup	76.76	
02 87 19 00-0131	WK	Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Cleanup	211.10	
02 87 19 00-0132	MO	Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Cleanup	575.73	
02 87 19 00-0133		**Bio-Hazard And Infectious Disease Control Hauling By Truck** *(02 87 19)* Note: Includes driver and equipment, ten (10) to fifteen (15) minutes load time, time for travel, dump time and return (roundtrip). The task quantity is the number of miles to the disposal site/transfer station (one-way mileage) using an appropriately sized truck.		
02 87 19 00-0134	EA	Hauling With 2-3 CY Pick-up Truck, Van Or Trailer, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Cleanup Note: Each first 15 miles per trip	119.69	
		For Each Additional Mile Over First 15 Miles, Add Per Mile	*1.50*	
02 87 19 00-0135	EA	Hauling With 6 To 8 CY Dump Truck, Up To 15 Miles For Bio-Hazard And Infectious Control Cleanup Note: Each first 15 miles per trip	198.41	
		For Each Additional Mile Over First 15 Miles, Add Per Mile	*2.48*	
02 87 19 00-0136	EA	Hauling With 10 To 12 CY Dump Truck, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Cleanup Note: Each first 15 miles per trip	204.00	
		For Each Additional Mile Over First 15 Miles, Add Per Mile	*2.55*	
02 87 19 00-0137	EA	Hauling With 16' To 20', Box Or Flat Bed Truck, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Cleanup Note: Each first 15 miles per trip	195.83	
		For Each Additional Mile Over First 15 Miles, Add Per Mile	*2.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0138		**Bio-Hazard And Infectious Disease Control Disposal** *(02 87 19)* Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.		
02 87 19 00-0139	CY	Bio-Hazard And Infectious Disease Control Landfill Dump Fee	74.79	
02 87 19 00-0140		**BLU-MED Response Systems® (BLU-MED) Deployable Medical Facilities™ and Emergency Shelters** *(02 87 19)* Note: Includes delivery and set-up of facility, electrical, lighting and HVAC. Excludes medical equipment.		
02 87 19 00-0141	EA	20' x 32.5' Medical Shelter with 1-phase electrical, 60 Hertz (BLU-MED BM-2032.5-MS/1P)	47,586.12	
02 87 19 00-0142	EA	7' x 8' Entry Vestibule (BLU-MED BM-MS-VEST)	4,574.61	
02 87 19 00-0143	EA	Vestibule End Panel with Bump Thru Door (BLU-MED BM-7x8-VEP04)	7,569.15	
02 87 19 00-0144	SF	Sub Flooring For Medical Shelter (AKS-AB846)	7.03	
02 87 19 00-0145	EA	Upgrade To Large Roto-Mold Container, Blue (AK-ULC-5)	2,077.58	
02 87 19 00-0146	EA	Environmental Control Unit-5 Ton, 60 Hertz, Blue (AK-ECU-5T-5)	34,028.01	
02 87 19 00-0147	EA	3' ECU to Generator Pigtail, 60 Hertz (AKS-AC915)	1,186.07	
02 87 19 00-0148	EA	Negative Pressure Isolation (NPI) System (AK-NPIS-5) Note: Including: (1) Germicidal/high efficiency particulate air (HEPA) Filter Unit; (1) Monitor/Alarm with Motorized Damper; (1) Isolation Partition for 20'-Wide Shelter; (1) NPI Accessories Case	53,559.53	
02 87 19 00-0149	EA	6' Step Ladder (AKS-AC595)	321.49	
02 87 19 00-0150	EA	10 Lb. Sledgehammer (AKS-AA268)	98.40	
02 87 19 00-0151		**Bio-Hazard And Infectious Disease Time And Material Tasks** *(02 87 19)* Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.		
02 87 19 00-0152		**Bio-Hazard And Infectious Disease Control Labor** *(02 87 19 00-0151)* Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.		
02 87 19 00-0153	HR	General Laborer For Bio-Hazard And Infectious Disease Control Cleanup	124.81	
02 87 19 00-0154	HR	Skilled Tradesman For Bio-Hazard And Infectious Disease Control Cleanup	136.59	
02 87 19 00-0155	HR	Biohazard Technician For Bio-Hazard And Infectious Disease Control Cleanup	104.85	
02 87 19 00-0156	HR	Biohazard Supervisor For Bio-Hazard And Infectious Disease Control Cleanup	126.00	
02 87 19 00-0157	HR	Project Manager For Bio-Hazard And Infectious Disease Control Cleanup	138.60	
02 87 19 00-0158		**Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment** *(02 87 19 00-0151)* Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.		
02 87 19 00-0159	EA	Tyvek Coveralls For Bio-Hazard And Infectious Control Cleanup Personal Protection Equipment	11.80	
02 87 19 00-0160	EA	Tyvek Coveralls With Hood, Boots, Elastic Wrists And Ankles For Bio-Hazard And Infectious Control Cleanup Personal Protection Equipment	19.08	
02 87 19 00-0161	PR	Polycarbonate Lens Safety Goggles For Bio-Hazard And Infectious Control Cleanup Personal Protection Equipment	12.37	
02 87 19 00-0162	EA	Dual Cartridge Half-Mask Respirator For Bio-Hazard And Infectious Control Cleanup Personal Protection Equipment	132.79	
02 87 19 00-0163	EA	Cartridge - Respirator For Bio-Hazard And Infectious Control Cleanup Personal Protection Equipment	41.24	
02 87 19 00-0164	EA	Full Face Respirator For Bio-Hazard And Infectious Control Cleanup Personal Protection Equipment Note: Respirator Connection Type: Bayonet, 4 pt. Full Face Suspension	405.13	
02 87 19 00-0165	EA	14-1/2" Width x 9" Height Polycarbonate Visor Faceshield For Bio-Hazard And Infectious Control Cleanup Personal Protection Equipment Note: Includes basic impact ratchet headgear and faceshield safety system. ANSI Z87.1-2010	55.38	
02 87 19 00-0166	EA	19" Width x 11" Height Polycarbonate Visor Attachment To Hardhat For Bio-Hazard And Infectious Control Cleanup Personal Protection Equipment Note: Includes clear polycarbonate crown and chin guard system for hardhat. The chin guard extends below the chin, the shield extends passed the ear, and the crown extends over the forehead to the front of the hardhat. ANSI Z87.1-2015. Excludes hardhat.	100.61	
02 87 19 00-0167	BOX	Box of 100, 5 Mil, Disposable Latex Gloves For Bio-Hazard And Infectious Control Cleanup Personal Protection Equipment	21.39	
02 87 19 00-0168	EA	Gloves - Rubber (Heavy-Duty) For Bio-Hazard And Infectious Control Cleanup Personal Protection Equipment	18.27	
02 87 19 00-0169	EA	Belt-Mounted, Universal Mask, Powered Air Purifying Respirator (PAPR) System Kit For Bio-Hazard And Infectious Control Cleanup Personal Protection Equipment Note: Kit includes NIOSH Approved with Draeger DHR 7000, C420 Blower, Single-Speed Toggle, Battery - LiSO2 (BA5800/U), C420 Breathing Tube Assembly with 75-Degrees Swivel, Decon Belt Assembly 70" x 2", C420 Airflow Indicator (Afl), Micronel Safety M95 Cartridge (2), Molded Case, Black, CBRN Breathing Tube Assembly	2,707.95	
02 87 19 00-0170		**Bio-Hazard And Infectious Disease Control Expendables** *(02 87 19 00-0151)* Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections. See CSI section 01 56 16 00-0001 for temporary sheeting, 01 56 16 00-0023 for temporary walls.		
02 87 19 00-0171	GAL	Bleach For Bio-Hazard And Infectious Disease Control Cleanup	9.20	
02 87 19 00-0172	EA	N95 Masks For Bio-Hazard And Infectious Disease Control Cleanup	4.45	
02 87 19 00-0173	GAL	Disinfectant/Anti-microbial For Bio-Hazard And Infectious Disease Control Cleanup	90.16	
02 87 19 00-0174	GAL	Goldshield® GS5 Anti-microbial Concentrate For Bio-Hazard And Infectious Disease Control Cleanup Note: Mix 1 gallon in 5 gallons of water to produce 6 gallons of ready-to-use product. Use on any surface for bacterial inhibition up to 30 days	368.99	
02 87 19 00-0175	QT	Hand Sanitizer For Bio-Hazard And Infectious Disease Control Cleanup	9.44	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0176	EA	Sponges - Dry For Bio-Hazard And Infectious Disease Control Cleanup	5.91	
02 87 19 00-0177	ROL	Tape - Duct, 2" x 50 YD For Bio-Hazard And Infectious Disease Control Cleanup	11.73	
02 87 19 00-0178	EA	UV Mini Light, Handheld For Bio-Hazard And Infectious Disease Control Cleanup	80.62	
02 87 19 00-0179	ROL	Visqueen 1 Mil, 12' x 400', For Bio-Hazard And Infectious Disease Control Cleanup	47.30	
02 87 19 00-0180	LB	Wipes, Terry Cloth 14" x 17" For Bio-Hazard And Infectious Disease Control Cleanup	6.89	
02 87 19 00-0181	EA	Wyp-Alls, Case, 160 Wipes For Bio-Hazard And Infectious Disease Control Cleanup	18.46	
02 87 19 00-0182	ROL	6 Mil, 55 Gallon Trash Bags, 50/Roll For Bio-Hazard And Infectious Disease Control Cleanup	145.60	

02 89 Hazmat Ancillary Tasks and Support *(02 80)*

02 89 00 00-0001 Barriers And Protection *(02 89)*

Note: Includes removal and disposal after use.

02 89 00 00-0002 Isolation Barriers *(02 89 00 00-0001)*

See CSI section 01 56 16 00-0023 for temporary stud walls.

02 89 00 00-0003 Cleaning Surfaces *(02 89 00 00-0001)*

Note: Other surfaces outside contamination area but not contaminated by, or part of removal.

02 89 00 00-0004	SF	Up To 100 SF, Clean Non-Asbestos Surface	2.28	
02 89 00 00-0005	SF	>100 To 500 SF, Clean Non-Asbestos Surface	1.60	
02 89 00 00-0006	SF	>500 To 1,000 SF, Clean Non-Asbestos Surface	1.05	
02 89 00 00-0007	SF	>1,000 SF, Clean Non-Asbestos Surface	0.82	

02 89 00 00-0008 Hazmat Containment Construction Plastic Sheeting *(02 89 00 00-0001)*

02 89 00 00-0009	SF	6 Mil Plastic Sheeting, Applied To Floors, Hazmat Containment Construction	0.56	
02 89 00 00-0010	SF	6 Mil Plastic Sheeting, Applied To Walls, Hazmat Containment Construction	0.74	
02 89 00 00-0011	SF	6 Mil Plastic Sheeting, Applied To Ceilings, Hazmat Containment Construction	0.99	
02 89 00 00-0012	SF	6 Mil Plastic Fire Retardant, Anti-static Sheeting, Applied To Floors, Hazmat Containment Construction	0.69	
02 89 00 00-0013	SF	6 Mil Plastic Fire Retardant, Anti-static Retardant Sheeting, Applied To Walls, Hazmat Containment Construction	0.87	
02 89 00 00-0014	SF	6 Mil Plastic Fire Retardant, Anti-static Retardant Sheeting, Applied To Ceilings, Hazmat Containment Construction	1.12	
02 89 00 00-0015	EA	Up To 36 Square Inches, Seal Wall Penetrations With Foam Firestop, Hazmat Containment Construction	141.64	
02 89 00 00-0016	EA	>36 To 72 Square Inches, Seal Wall Penetrations With Foam Firestop, Hazmat Containment Construction	275.15	
02 89 00 00-0017	EA	>72 To 144 Square Inches, Seal Wall Penetrations With Foam Firestop, Hazmat Containment Construction	538.99	
02 89 00 00-0018	LF	Caulk Seams With Latex, Hazmat Containment Construction	5.04	
02 89 00 00-0019	SF	2 Layers 6 Mil Poly, Protect Carpeted Area, Hazmat Containment Construction	2.17	

02 89 00 00-0020 Decontamination Chambers *(02 89)*

Note: Includes cleaning of contaminated materials, removal after use and disposal of plastic barriers. See CSI section 02 89 00 00-0001 for plastic barrier sheets.

02 89 00 00-0021	EA	3 Stage Portable Personnel Decontamination Wash Facility Note: Includes connection to negative air system.	1,034.99	
02 89 00 00-0022	EA	5 Stage Portable Personnel Decontamination Wash Facility Note: Includes connection to negative air system.	1,219.09	
02 89 00 00-0023	EA	Portable Waste Decontamination Unit Note: Includes connection to negative air system.	625.36	
		For Dismantling And Relocation To A Different Area, Add	*388.94*	

02 90 Disaster Recovery *(02)*

Note: The tasks in this division are only to be used when specifically requested by the Owner and are not to be combined with tasks from other divisions of this or other Construction Task Catalogs® unless specifically requested by the Owner.

02 90 50 Cleaning and Disaster Cleanup *(02 90)*

02 90 50 00-0001 Non-Mold Contaminated Wet Material Removal *(02 90 50)*

Note: For materials not requiring mold abatement.

02 90 50 00-0002	SY	Wet Broadloom Carpet Removal For Disaster Clean-up	30.79	
02 90 50 00-0003	SY	Wet Carpet Tile Removal For Disaster Clean-up	7.49	
02 90 50 00-0004	SF	Wet Batt Insulation Removal For Disaster Clean-up	0.62	
02 90 50 00-0005	SF	Wet Ceiling Tile Removal For Disaster Clean-up	0.75	
02 90 50 00-0006	SF	Single Layer, Wet Gypsum Board Removal For Disaster Clean-up	0.73	
02 90 50 00-0007	SF	Double Layer, Wet Gypsum Board Removal For Disaster Clean-up	1.14	

02 90 50 00-0008 Cleaning *(02 90 50)*

Note: Use "Light Clean" when soot or dust is barely evident. Use "Medium Clean" when paint color can be seen through the soot or dust. Use "Heavy Clean" when paint color cannot be seen. Includes all man power, equipment and expendables required

02 90 50 00-0009 Clean Furnishings *(02 90 50 00-0008)*

02 90 50 00-0010	EA	Office Equipment, Exterior Wipe For Disaster Clean-up	28.68	
		For Medium Clean, Add	*12.05*	
		For Heavy Clean, Add	*37.28*	
02 90 50 00-0011	SF	Bookcase (Per SF Of Face Area), Light Clean For Disaster Clean-up	1.60	
		For Medium Clean, Add	*0.67*	
		For Heavy Clean, Add	*2.08*	
02 90 50 00-0012	LF	Shelving, Light Clean For Disaster Clean-up	2.87	
		For Medium Clean, Add	*1.21*	
		For Heavy Clean, Add	*3.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0013	EA	Plastic Or Metal Chair, Light Clean For Disaster Clean-up	8.28	
		For Medium Clean, Add	*3.48*	
		For Heavy Clean, Add	*10.76*	
02 90 50 00-0014	EA	Upholstered Chair, Light Clean For Disaster Clean-up	26.77	
		For Medium Clean, Add	*11.24*	
		For Heavy Clean, Add	*34.80*	
02 90 50 00-0015	EA	Upholstered Sofa, Light Clean For Disaster Clean-up	165.05	
		For Medium Clean, Add	*69.32*	
		For Heavy Clean, Add	*214.57*	
02 90 50 00-0016	EA	Desk, Light Clean For Disaster Clean-up	33.77	
		For Medium Clean, Add	*14.18*	
		For Heavy Clean, Add	*43.90*	
02 90 50 00-0017	EA	Table, Light Clean For Disaster Clean-up	31.86	
		For Medium Clean, Add	*13.38*	
		For Heavy Clean, Add	*41.42*	
02 90 50 00-0018	EA	Two Drawer File Cabinet, Light Clean For Disaster Clean-up	6.99	
		For Medium Clean, Add	*2.94*	
		For Heavy Clean, Add	*9.09*	
02 90 50 00-0019	EA	Four Drawer File Cabinet, Light Clean For Disaster Clean-up	8.93	
		For Medium Clean, Add	*3.75*	
		For Heavy Clean, Add	*11.61*	
02 90 50 00-0020	LF	Base Cabinet, Exterior Wipe, Light Clean For Disaster Clean-up	7.33	
		For Medium Clean, Add	*3.08*	
		For Heavy Clean, Add	*9.53*	
02 90 50 00-0021	LF	Base Cabinet, Exterior And Interior Wipe, Light Clean For Disaster Clean-up	14.34	
		For Medium Clean, Add	*6.02*	
		For Heavy Clean, Add	*18.64*	
02 90 50 00-0022	LF	Wall Cabinet, Exterior Wipe, Light Clean For Disaster Clean-up	7.33	
		For Medium Clean, Add	*3.08*	
		For Heavy Clean, Add	*9.53*	
02 90 50 00-0023	LF	Wall Cabinet, Exterior And Interior Wipe, Light Clean For Disaster Clean-up	12.74	
		For Medium Clean, Add	*5.35*	
		For Heavy Clean, Add	*16.56*	
02 90 50 00-0024	EA	Picture Frame, Glass And Back, Light Clean For Disaster Clean-up	3.06	
		For Medium Clean, Add	*1.29*	
		For Heavy Clean, Add	*3.98*	

02 90 50 00-0025 Clean Hard Surfaces *(02 90 50 00-0008)*

02 90 50 00-0026	LF	Wood, Vinyl Or Rubber Baseboard, Light Clean For Disaster Clean-up	0.42	
		For Medium Clean, Add	*0.18*	
		For Heavy Clean, Add	*0.55*	
02 90 50 00-0027	EA	Door And Hardware (Per Side), Light Clean For Disaster Clean-up	5.42	
		For Medium Clean, Add	*2.28*	
		For Heavy Clean, Add	*7.05*	
02 90 50 00-0028	EA	Detailed Door And Hardware (Per Side), Light Clean For Disaster Clean-up	6.14	
		For Medium Clean, Add	*2.58*	
		For Heavy Clean, Add	*7.98*	
02 90 50 00-0029	SF	Overhead Door, Light Clean For Disaster Clean-up	0.43	
		For Medium Clean, Add	*0.18*	
		For Heavy Clean, Add	*0.56*	
02 90 50 00-0030	SF	Mirror, Light Clean For Disaster Clean-up	0.32	
		For Medium Clean, Add	*0.13*	
		For Heavy Clean, Add	*0.42*	
02 90 50 00-0031	SF	Window, Light Clean For Disaster Clean-up	0.94	
		For Medium Clean, Add	*0.39*	
		For Heavy Clean, Add	*1.22*	
02 90 50 00-0032	LF	Handrail, Light Clean For Disaster Clean-up	0.83	
		For Medium Clean, Add	*0.35*	
		For Heavy Clean, Add	*1.08*	
02 90 50 00-0033	LF	Bumper Rail, Light Clean For Disaster Clean-up	0.45	
		For Medium Clean, Add	*0.19*	
		For Heavy Clean, Add	*0.59*	
02 90 50 00-0034	SF	Hard Floor, Light Clean For Disaster Clean-up	0.37	
		For Medium Clean, Add	*0.16*	
		For Heavy Clean, Add	*0.48*	
02 90 50 00-0035	SF	Carpet, Light Clean For Disaster Clean-up	0.38	
		For Medium Clean, Add	*0.16*	
		For Heavy Clean, Add	*0.49*	
02 90 50 00-0036	SF	Hard Ceiling, Light Clean For Disaster Clean-up	0.29	
		For Medium Clean, Add	*0.12*	
		For Heavy Clean, Add	*0.38*	
02 90 50 00-0037	SF	Suspended Ceiling, Tile And Grid, Light Clean For Disaster Clean-up	0.32	
		For Medium Clean, Add	*0.13*	
		For Heavy Clean, Add	*0.42*	
02 90 50 00-0038	SF	Ceramic Tile Wall, Light Clean For Disaster Clean-up	0.27	
		For Medium Clean, Add	*0.11*	
		For Heavy Clean, Add	*0.35*	
02 90 50 00-0039	SF	Wall, Light Clean For Disaster Clean-up	0.20	
		For Medium Clean, Add	*0.08*	
		For Heavy Clean, Add	*0.26*	
02 90 50 00-0040	SF	Masonry Wall, Light Clean For Disaster Clean-up	0.27	
		For Medium Clean, Add	*0.11*	
		For Heavy Clean, Add	*0.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0041	EA	Up To 24 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up	67.21	
		Note: Includes removal from site, cleaning, and return.		
		For Medium Clean, Add	*28.23*	
		For Heavy Clean, Add	*87.37*	
02 90 50 00-0042	EA	>24 To 96 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up	84.01	
		Note: Includes removal from site, cleaning, and return.		
		For Medium Clean, Add	*35.28*	
		For Heavy Clean, Add	*109.21*	
02 90 50 00-0043	EA	>96 To 140 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up	100.80	
		Note: Includes removal from site, cleaning, and return.		
		For Medium Clean, Add	*42.34*	
		For Heavy Clean, Add	*131.04*	
02 90 50 00-0044	EA	>140 To 216 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up	117.61	
		For Medium Clean, Add	*49.40*	
		For Heavy Clean, Add	*152.89*	

02 90 50 00-0045 Clean Window Treatments *(02 90 50 00-0008)*

02 90 50 00-0046	SF	Window Blind, Light Clean For Disaster Clean-up	0.73	
		For Medium Clean, Add	*0.31*	
		For Heavy Clean, Add	*0.95*	
02 90 50 00-0047	EA	Up To 6' Long Drapery (Per Pleat), Light Clean For Disaster Clean-up	1.49	
		For Medium Clean, Add	*0.63*	
		For Heavy Clean, Add	*1.94*	
02 90 50 00-0048	EA	Up To 6' Long Lined Drapery (Per Pleat), Light Clean For Disaster Clean-up	1.72	
		For Medium Clean, Add	*0.72*	
		For Heavy Clean, Add	*2.24*	
02 90 50 00-0049	EA	>6' To 8' Drapery (Per Pleat), Light Clean For Disaster Clean-up	1.57	
		For Medium Clean, Add	*0.66*	
		For Heavy Clean, Add	*2.04*	
02 90 50 00-0050	EA	>6' To 8' Lined Drapery (Per Pleat), Light Clean For Disaster Clean-up	1.80	
		For Medium Clean, Add	*0.76*	
		For Heavy Clean, Add	*2.34*	
02 90 50 00-0051	EA	>8' To 10' Drapery (Per Pleat), Light Clean For Disaster Clean-up	1.92	
		For Medium Clean, Add	*0.81*	
		For Heavy Clean, Add	*2.50*	
02 90 50 00-0052	EA	>8' To 10' Lined Drapery (Per Pleat), Light Clean For Disaster Clean-up	2.21	
		For Medium Clean, Add	*0.93*	
		For Heavy Clean, Add	*2.87*	

02 90 50 00-0053 Clean Appliances *(02 90 50 00-0008)*

02 90 50 00-0054	EA	Microwave Oven, Outside, Light Clean For Disaster Clean-up	13.20	
		For Medium Clean, Add	*5.54*	
		For Heavy Clean, Add	*17.16*	
02 90 50 00-0055	EA	Refrigerator, Outside, Light Clean For Disaster Clean-up	31.11	
		For Medium Clean, Add	*13.07*	
		For Heavy Clean, Add	*40.44*	
02 90 50 00-0056	EA	Range, Outside, Light Clean For Disaster Clean-up	26.88	
		For Medium Clean, Add	*11.29*	
		For Heavy Clean, Add	*34.94*	

02 90 50 00-0057 Clean Plumbing *(02 90 50 00-0008)*

02 90 50 00-0058	EA	Water Heater, Light Clean For Disaster Clean-up	19.12	
		For Medium Clean, Add	*8.03*	
		For Heavy Clean, Add	*24.86*	
02 90 50 00-0059	EA	Plumbing Fixture, Light Clean For Disaster Clean-up	19.31	
		For Medium Clean, Add	*8.11*	
		For Heavy Clean, Add	*25.10*	
02 90 50 00-0060	EA	Restroom Accessory, Light Clean For Disaster Clean-up	8.86	
		For Medium Clean, Add	*3.72*	
		For Heavy Clean, Add	*11.52*	

02 90 50 00-0061 Clean HVAC *(02 90 50 00-0008)*

02 90 50 00-0062	LF	Baseboard Heater, Light Clean For Disaster Clean-up	5.71	
		For Medium Clean, Add	*2.40*	
		For Heavy Clean, Add	*7.42*	
02 90 50 00-0063	LF	Ductwork, Exterior Wipe, Light Clean For Disaster Clean-up	15.94	
		For Medium Clean, Add	*6.69*	
		For Heavy Clean, Add	*20.72*	
02 90 50 00-0064	EA	Ductwork, Interior (Per Grille/Register), Light Clean For Disaster Clean-up	61.18	
		For Medium Clean, Add	*25.70*	
		For Heavy Clean, Add	*79.53*	
02 90 50 00-0065	EA	Grille/Register, Light Clean For Disaster Clean-up	5.73	
		For Medium Clean, Add	*2.41*	
		For Heavy Clean, Add	*7.45*	
02 90 50 00-0066	EA	Air Handling Unit, Exterior Wipe, Light Clean For Disaster Clean-up	39.72	
		For Medium Clean, Add	*16.68*	
		For Heavy Clean, Add	*51.64*	
02 90 50 00-0067	EA	Furnace, Exterior Wipe, Light Clean For Disaster Clean-up	35.37	
		For Medium Clean, Add	*14.86*	
		For Heavy Clean, Add	*45.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0068		**Clean Electrical** *(02 90 50 00-0008)*		
02 90 50 00-0069	EA	Electric Fan, Light Clean For Disaster Clean-up	23.58	
		For Medium Clean, Add	*9.90*	
		For Heavy Clean, Add	*30.65*	
02 90 50 00-0070	EA	Ceiling Fan, Light Clean For Disaster Clean-up	25.49	
		For Medium Clean, Add	*10.71*	
		For Heavy Clean, Add	*33.14*	
02 90 50 00-0071	EA	Ceiling Fan And Light, Light Clean For Disaster Clean-up	33.14	
		For Medium Clean, Add	*13.92*	
		For Heavy Clean, Add	*43.08*	
02 90 50 00-0072	EA	Ceiling Exhaust Fan, Light Clean For Disaster Clean-up	23.26	
		For Medium Clean, Add	*9.77*	
		For Heavy Clean, Add	*30.24*	
02 90 50 00-0073	EA	2' x 4' Light Fixture, Light Clean For Disaster Clean-up	15.30	
		For Medium Clean, Add	*6.43*	
		For Heavy Clean, Add	*19.89*	
02 90 50 00-0074	EA	Light Fixture, Light Clean For Disaster Clean-up	7.01	
		For Medium Clean, Add	*2.94*	
		For Heavy Clean, Add	*9.11*	
02 90 50 00-0075	EA	Smoke Detector, Light Clean For Disaster Clean-up	5.42	
		For Medium Clean, Add	*2.28*	
		For Heavy Clean, Add	*7.05*	
02 90 50 00-0076	EA	Thermostat, Light Clean For Disaster Clean-up	1.91	
		For Medium Clean, Add	*0.80*	
		For Heavy Clean, Add	*2.48*	
02 90 50 00-0077		**Thermal Fog** *(02 90 50 00-0008)*		
02 90 50 00-0078	CF	Clean And Deodorize Building With Thermal Fog For Disaster Clean-up	0.02	
02 90 50 00-0079		**Contents Manipulation** *(02 90 50)*		
02 90 50 00-0080	SF	Cover Contents With 6 Mil Plastic Sheeting For Disaster Clean-up	0.25	
02 90 50 00-0081	SF	Floor Protection, Adhesive Film For Disaster Clean-up	0.31	
02 90 50 00-0082	SF	Move Contents Out And Later Reset For Disaster Clean-up	0.50	
02 90 50 00-0083	MO	20' Long Job Site Storage Trailer For Disaster Clean-up	155.80	
02 90 50 00-0084	MO	40' Long Job Site Storage Trailer For Disaster Clean-up	206.62	
02 90 50 00-0085	EA	Delivery Or Pickup Job Site Storage Trailer For Disaster Clean-up	148.22	
02 90 50 00-0086		**Water Disaster Clean-up** *(02 90 50)*		
02 90 50 00-0087	LF	Detach Baseboard For Disaster Clean-up	0.68	
02 90 50 00-0088	LF	Detach And Later Reset Baseboard For Disaster Clean-up	1.22	
02 90 50 00-0089	EA	Block And Pad Furniture (Per Piece Of Furniture) For Disaster Clean-up	4.51	
02 90 50 00-0090	SF	Water Extraction From Floor For Disaster Clean-up	0.46	
02 90 50 00-0091	SF	Gray Water Extraction From Floor For Disaster Clean-up	0.76	
02 90 50 00-0092	SF	Black Water Extraction From Floor For Disaster Clean-up	1.20	
02 90 50 00-0093	SF	Tear Out Wet Non-Salvageable Carpet For Disaster Clean-up	0.37	
02 90 50 00-0094	SF	Tear Out Wet Non-Salvageable Carpet, Black Water For Disaster Clean-up	0.44	
02 90 50 00-0095	SF	Tear Out Wet Non-Salvageable Glue Down Carpet For Disaster Clean-up	0.67	
02 90 50 00-0096	SF	Tear Out Wet Non-Salvageable Glue Down Carpet, Black Water For Disaster Clean-up	0.98	
02 90 50 00-0097	SF	Tear Out Vinyl Flooring For Disaster Clean-up	0.93	
02 90 50 00-0098	SF	Tear Out Vinyl Flooring, Black Water For Disaster Clean-up	1.35	
02 90 50 00-0099	SF	Tear Out Wood Flooring, Black Water For Disaster Clean-up	3.50	
02 90 50 00-0100	SF	Tear Out Laminated Wood Flooring For Disaster Clean-up	1.71	
02 90 50 00-0101	SF	Tear Out Laminated Wood Flooring, Black Water For Disaster Clean-up	2.52	
02 90 50 00-0102	SF	Tear Out Wet Ceiling Tile For Disaster Clean-up	0.28	
02 90 50 00-0103	SF	Tear Out Batt Insulation For Disaster Clean-up	0.28	
02 90 50 00-0104	SF	Tear Out Wet Gypsum Board For Disaster Clean-up	0.49	
02 90 50 00-0105	SF	Apply Anti-microbial Agent For Disaster Clean-up	0.29	
02 90 50 00-0106	SF	High Efficiency Particulate Air (HEPA) Vacuuming For Disaster Clean-up	0.36	
02 90 50 00-0107		**Board Up And Tarp Up** *(02 90 50)*		
02 90 50 00-0108	SF	Polyethylene Tarp On Roof For Disaster Clean-up	0.25	
02 90 50 00-0109	SF	1/2" Temporary Plywood On Roof For Disaster Clean-up	1.47	
02 90 50 00-0110	SF	5/8" Temporary Plywood On Roof For Disaster Clean-up	1.75	
02 90 50 00-0111	SF	3/4" Temporary Plywood On Roof For Disaster Clean-up	1.90	
02 90 50 00-0112	SF	1/2" Temporary Plywood On Wall Or Windows For Disaster Clean-up	1.85	
02 90 50 00-0113	SF	5/8" Temporary Plywood On Wall Or Windows For Disaster Clean-up	2.13	
02 90 50 00-0114	SF	3/4" Temporary Plywood On Wall Or Windows For Disaster Clean-up	2.28	
02 90 50 00-0115		**Minimum Charge For Disaster Cleanup** *(02 90 50)*		
02 90 50 00-0116	EA	Minimum Charge For Disaster Cleaning	1,484.45	
02 90 50 00-0117	EA	Minimum Charge For Disaster Water Extraction	286.15	
02 90 50 00-0118	EA	Minimum Charge For Disaster Carpet Cleaning	200.60	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0119		Document Restoration *(02 90 50)*		
02 90 50 00-0120	EA	Book Rebinding, Each For Document Restoration	103.60	
02 90 50 00-0121	EA	Book Recasing, Each For Document Restoration	51.79	
02 90 50 00-0122	EA	Boxes-MCS, 1.2 CF For Document Restoration	9.65	
02 90 50 00-0123	EA	Boxes-MCS, 2.0 CF For Document Restoration	10.64	
02 90 50 00-0124	EA	Boxes Bankers For Document Restoration	16.55	
02 90 50 00-0125	EA	Boxes Standard Packout For Document Restoration	6.18	
02 90 50 00-0126	EA	Boxes X Ray For Document Restoration	10.36	
02 90 50 00-0127	EA	CD Scanning and Diagnostics, Each For Document Restoration	10.36	
02 90 50 00-0128	EA	Cleaning Antique Books, Each For Document Restoration	310.77	
02 90 50 00-0129	EA	Cleaning Catheter Roll, Per Roll For Document Restoration	41.42	
02 90 50 00-0130	EA	Cleaning CD And DVD, Per Disc For Document Restoration	4.16	
02 90 50 00-0131	EA	Cleaning Level 1 - Blue Prints, Each For Document Restoration	4.31	
02 90 50 00-0132	CF	Cleaning Level 1 - Document Per CF For Document Restoration	133.69	
02 90 50 00-0133	EA	Cleaning Level 1 - Linen, Each For Document Restoration	4.31	
02 90 50 00-0134	EA	Cleaning Level 1 - Mylar, Each For Document Restoration	4.31	
02 90 50 00-0135	EA	Cleaning Level 2 - Blue Print, Each For Document Restoration	5.36	
02 90 50 00-0136	CF	Cleaning Level 2 - Document Per CF For Document Restoration	200.35	
02 90 50 00-0137	EA	Cleaning Level 2 - Linen, Each For Document Restoration	5.36	
02 90 50 00-0138	EA	Cleaning Level 2 - Mylar, Each For Document Restoration	5.36	
02 90 50 00-0139	EA	Cleaning Level 3 - Blue Prints, Each For Document Restoration	7.60	
02 90 50 00-0140	CF	Cleaning Level 3 - Document Per CF For Document Restoration	267.33	
02 90 50 00-0141	EA	Cleaning Level 3 - Linen, Each For Document Restoration	7.60	
02 90 50 00-0142	EA	Cleaning Level 3 - Mylar, Each For Document Restoration	7.60	
02 90 50 00-0143	EA	Cleaning Level 4 - All Fire-Blue Print, Each For Document Restoration	10.66	
02 90 50 00-0144	EA	Cleaning Level 4 - All Fire-Linen, Each For Document Restoration	10.66	
02 90 50 00-0145	EA	Cleaning Level 4 - All Fire-Mylar, Each For Document Restoration	10.66	
02 90 50 00-0146	CF	Cleaning Level 4 - Light Fire-Document Per CF For Document Restoration	334.10	
02 90 50 00-0147	EA	Cleaning Level 5 - Severe Fire-Blue Print, Each For Document Restoration	11.81	
02 90 50 00-0148	CF	Cleaning Level 5 - Severe Fire-Document Per CF For Document Restoration	501.30	
02 90 50 00-0149	EA	Cleaning Level 5 - Severe Fire-Linen, Each For Document Restoration	11.81	
02 90 50 00-0150	EA	Cleaning Level 5 - Severe Fire-Mylar, Each For Document Restoration	11.81	
02 90 50 00-0151	EA	Cleaning Microfiche Sheets, Each For Document Restoration	4.19	
02 90 50 00-0152	EA	Cleaning Microfiche Strips, Each For Document Restoration	0.97	
02 90 50 00-0153	EA	Cleaning Microfilm Rolls (In House), Per Roll For Document Restoration	103.60	
02 90 50 00-0154	EA	Cleaning Microfilm Rolls (Outside), Per Roll For Document Restoration	145.04	
02 90 50 00-0155	EA	Cleaning Photographs Negatives, Per Negative For Document Restoration	4.19	
02 90 50 00-0156	EA	Cleaning Photographs, Each For Document Restoration	0.97	
02 90 50 00-0157	EA	Cleaning Record Albums, Each For Document Restoration	4.16	
02 90 50 00-0158	EA	Cleaning VHS And Beta Tapes-In House, Each For Document Restoration	10.36	
02 90 50 00-0159	EA	Cleaning VHS And Beta Tapes-Outside, Each For Document Restoration	41.42	
02 90 50 00-0160	EA	Cleaning X Ray 1-1000, Per Film For Document Restoration	5.72	
02 90 50 00-0161	EA	Cleaning X Ray 1K-5K, Per Film For Document Restoration	4.89	
02 90 50 00-0162	EA	Cleaning X Ray 5K-Up, Per Film For Document Restoration	3.83	
02 90 50 00-0163	EA	Copying Clean Water, Per Page For Document Restoration	0.56	
02 90 50 00-0164	EA	Copying Greywater Fire, Per Page For Document Restoration	1.12	
02 90 50 00-0165	CF	Deodorization, Vapor Tech For Document Restoration	7.21	
02 90 50 00-0166	CF	Disinfectant-Fogging For Document Restoration	14.53	
02 90 50 00-0167	EA	Document Disposal In House No Shredding For Document Restoration	56.04	
02 90 50 00-0168	EA	Document Disposal In House With Shredding For Document Restoration	15.29	
02 90 50 00-0169	CF	Up To 150 CF, Drying-MCS Center For Document Restoration	186.46	
02 90 50 00-0170	CF	>150 To 500 CF, Drying-MCS Center For Document Restoration	145.04	
02 90 50 00-0171	CF	>500 CF, Drying-MCS Center For Document Restoration	124.31	
02 90 50 00-0172	CF	>50 To 150 CF, Drying-MCS Center For Document Restoration	165.75	
02 90 50 00-0173	CF	Up To 500 CF, Drying-Onsite For Document Restoration	310.77	
02 90 50 00-0174	CF	>500 CF, Drying-Onsite For Document Restoration	190.64	
02 90 50 00-0175	EA	Drying Antique Books, Each For Document Restoration	41.42	
02 90 50 00-0176	EA	Drying Blue Prints, Each For Document Restoration	5.18	
02 90 50 00-0177	EA	DVD Scanning And Diagnostics, Each For Document Restoration	10.36	
02 90 50 00-0178	EA	Freeze Drying (In House) For Document Restoration	139.01	
02 90 50 00-0179	EA	Freeze Drying (Outside) For Document Restoration	119.15	
02 90 50 00-0180	EA	Minimum Charge For Up To 48 CF, Irradiation - Gamma For Document Restoration	3,276.74	
02 90 50 00-0181	CF	>48 CF, Irradiation - Gamma (Per CF Charge) For Document Restoration	29.79	
02 90 50 00-0182	EA	Minimal Drying Jobs For Document Restoration	1,380.20	
02 90 50 00-0183	EA	Monthly Storage For Document Restoration	230.76	
02 90 50 00-0184	EA	Mylar Prints For Document Restoration	10.36	
02 90 50 00-0185	CF	Ozoning For Document Restoration	6.48	
02 90 50 00-0186	CF	Stabilization Freezer Storage, Per Cubic Foot Per Month For Document Restoration	11.99	
02 90 50 00-0187	MO	Stabilization Freezer Storage, Per Page-Per Month For Document Restoration	0.10	
02 90 50 00-0188	EA	Wood Pallets, Each For Document Restoration	33.34	

02 90 55 Emergency Clean-up *(02 90)*

02 90 55 00-0001 Emergency Clean-up *(02 90 55)*

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Cleanup sections.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0002		**Emergency Clean-up Labor** *(02 90 55 00-0001)* Note: Used in the performance of time and material projects. Labor costs are based on workers familiar with and skilled in the performance of the task following restoration requirements. Not to be used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Cleanup sections.		
02 90 55 00-0003	HR	Skilled Tradesman For Emergency Cleanup	62.88	
02 90 55 00-0004	HR	Restoration / Document Laborer For Emergency Cleanup	44.00	
02 90 55 00-0005	HR	Restoration / Document Supervisor For Emergency Cleanup	60.50	
02 90 55 00-0006	HR	Restoration / Document Project Manager For Emergency Cleanup	99.00	
02 90 55 00-0007	HR	Assistant Project Manager For Emergency Cleanup	82.50	
02 90 55 00-0008	HR	Senior Project Manager For Emergency Cleanup	115.50	
02 90 55 00-0009	HR	Project Director / Document Consultant / Account Manager For Emergency Cleanup	165.00	
02 90 55 00-0010	HR	Equipment Technician For Emergency Cleanup	121.00	
02 90 55 00-0011	HR	Mold Remediation Laborer For Emergency Cleanup	60.25	
02 90 55 00-0012	HR	Mold Remediation Supervisor For Emergency Cleanup	82.50	
02 90 55 00-0013	HR	Administrative Personnel For Emergency Cleanup	38.50	
02 90 55 00-0014	HR	Project Accountant For Emergency Cleanup	62.88	
02 90 55 00-0015	HR	Biohazard Technician For Emergency Cleanup	87.38	
02 90 55 00-0016	HR	Biohazard Supervisor For Emergency Cleanup	105.00	
02 90 55 00-0017	HR	Health And Safety Officer For Emergency Cleanup	94.25	
02 90 55 00-0018	HR	Resource And Logistics Coordinator For Emergency Cleanup	68.12	
02 90 55 00-0019	HR	Loss Control Specialist For Emergency Cleanup	66.00	
02 90 55 00-0020	HR	Moisture Control Specialist For Emergency Cleanup	54.50	
02 90 55 00-0021	HR	Mobilzation Support For Emergency Cleanup	33.50	
02 90 55 00-0022		**Emergency Clean-up Equipment** *(02 90 55 00-0001)* Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Cleanup sections.		
02 90 55 00-0023		**General Emergency Clean-up Equipment** *(02 90 55 00-0022)*		
02 90 55 00-0024	DAY	265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up	109.97	
02 90 55 00-0025	WK	265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up	419.52	
02 90 55 00-0026	MO	265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up	1,148.59	
02 90 55 00-0027	DAY	13" Floor Buffer Rental For Emergency Clean-up	39.93	
02 90 55 00-0028	WK	13" Floor Buffer Rental For Emergency Clean-up	90.01	
02 90 55 00-0029	MO	13" Floor Buffer Rental For Emergency Clean-up	248.47	
02 90 55 00-0030	DAY	17" Floor Buffer Rental For Emergency Clean-up	62.12	
02 90 55 00-0031	WK	17" Floor Buffer Rental For Emergency Clean-up	158.46	
02 90 55 00-0032	MO	17" Floor Buffer Rental For Emergency Clean-up	373.97	
02 90 55 00-0033	DAY	Walk Behind Floor Scrubber Rental For Emergency Clean-up	342.28	
02 90 55 00-0034	WK	Walk Behind Floor Scrubber Rental For Emergency Clean-up	919.08	
02 90 55 00-0035	MO	Walk Behind Floor Scrubber Rental For Emergency Clean-up	2,560.75	
02 90 55 00-0036	DAY	Ride-On Floor Scrubber Rental For Emergency Clean-up	773.30	
02 90 55 00-0037	WK	Ride-On Floor Scrubber Rental For Emergency Clean-up	2,041.00	
02 90 55 00-0038	MO	Ride-On Floor Scrubber Rental For Emergency Clean-up	5,501.82	
02 90 55 00-0039	DAY	4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	73.55	
02 90 55 00-0040	WK	4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	208.96	
02 90 55 00-0041	MO	4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	718.83	
02 90 55 00-0042	DAY	8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	68.54	
02 90 55 00-0043	WK	8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	183.89	
02 90 55 00-0044	MO	8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	476.43	
02 90 55 00-0045	DAY	17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	109.66	
02 90 55 00-0046	WK	17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	312.94	
02 90 55 00-0047	MO	17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	874.63	
02 90 55 00-0048	DAY	Truck Mounted Extractor Rental For Emergency Clean-up	1,019.75	
02 90 55 00-0049	WK	Truck Mounted Extractor Rental For Emergency Clean-up	3,059.25	
02 90 55 00-0050	MO	Truck Mounted Extractor Rental For Emergency Clean-up	9,177.75	
02 90 55 00-0051	DAY	16" Chain Saw Rental For Emergency Clean-up	80.24	
02 90 55 00-0052	WK	16" Chain Saw Rental For Emergency Clean-up	180.54	
02 90 55 00-0053	MO	16" Chain Saw Rental For Emergency Clean-up	481.45	
02 90 55 00-0054	DAY	20" Chain Saw Rental For Emergency Clean-up	100.30	
02 90 55 00-0055	WK	20" Chain Saw Rental For Emergency Clean-up	225.68	
02 90 55 00-0056	MO	20" Chain Saw Rental For Emergency Clean-up	601.81	
02 90 55 00-0057	EA	Cleaning Kit With Mop, Broom And Bucket For Emergency Clean-up	75.23	
02 90 55 00-0058	DAY	14" To 16" Electric Cut Off Saw Rental For Emergency Clean-up	106.99	
02 90 55 00-0059	WK	14" To 16" Electric Cut Off Saw Rental For Emergency Clean-up	292.55	
02 90 55 00-0060	MO	14" To 16" Electric Cut Off Saw Rental For Emergency Clean-up	819.13	
02 90 55 00-0061	DAY	12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up	130.39	
02 90 55 00-0062	WK	12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up	443.00	
02 90 55 00-0063	MO	12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up	844.21	
02 90 55 00-0064	DAY	Wet Or Dry Portable Cleaning Unit For Emergency Clean-up	121.22	
02 90 55 00-0065	WK	Wet Or Dry Portable Cleaning Unit For Emergency Clean-up	333.35	
02 90 55 00-0066	MO	Wet Or Dry Portable Cleaning Unit For Emergency Clean-up	909.15	
02 90 55 00-0067	DAY	Extension Cords - 220 Volt For Emergency Clean-up	41.79	
02 90 55 00-0068	DAY	Extension Cords - 220 Volt Converter Box For Emergency Clean-up	25.08	
02 90 55 00-0069	DAY	Demolition Cart, 1 Yard For Emergency Clean-up	66.87	
02 90 55 00-0070	WK	Demolition Cart, 1 Yard For Emergency Clean-up	183.89	
02 90 55 00-0071	MO	Demolition Cart, 1 Yard For Emergency Clean-up	501.51	
02 90 55 00-0072	DAY	Demolition Cart, 1-1/2 Yard For Emergency Clean-up	83.58	
02 90 55 00-0073	WK	Demolition Cart, 1-1/2 Yard For Emergency Clean-up	229.86	
02 90 55 00-0074	MO	Demolition Cart, 1-1/2 Yard For Emergency Clean-up	626.89	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0075	EA	Demolition Kit With Wheel Barrow, Shovel And Broom For Emergency Clean-up	125.38	
02 90 55 00-0076	DAY	Dry-Ice Blasting System For Emergency Clean-up	1,797.18	
02 90 55 00-0077	DAY	Fogger - Mist For Emergency Clean-up	35.65	
02 90 55 00-0078	WK	Fogger - Mist For Emergency Clean-up	98.05	
02 90 55 00-0079	MO	Fogger - Mist For Emergency Clean-up	267.40	
02 90 55 00-0080	DAY	Fogger - Electric Thermal For Emergency Clean-up	51.34	
02 90 55 00-0081	WK	Fogger - Electric Thermal For Emergency Clean-up	141.18	
02 90 55 00-0082	MO	Fogger - Electric Thermal For Emergency Clean-up	385.05	
02 90 55 00-0083	DAY	Fogger - Gas Power Thermal For Emergency Clean-up	201.84	
02 90 55 00-0084	WK	Fogger - Gas Power Thermal For Emergency Clean-up	555.07	
02 90 55 00-0085	MO	Fogger - Gas Power Thermal For Emergency Clean-up	1,513.82	
02 90 55 00-0086	EA	Gang Box, Demo/Framing (One Time Per Job) For Emergency Clean-up	169.78	
02 90 55 00-0087	WK	Gang Box, Demo/Framing (One Time Per Job) For Emergency Clean-up	466.88	
02 90 55 00-0088	MO	Gang Box, Demo/Framing (One Time Per Job) For Emergency Clean-up	1,273.31	
02 90 55 00-0089	DAY	Hand Trucks/Dollies For Emergency Clean-up	20.06	
02 90 55 00-0090	WK	Hand Trucks/Dollies For Emergency Clean-up	55.17	
02 90 55 00-0091	MO	Hand Trucks/Dollies For Emergency Clean-up	150.45	
02 90 55 00-0092	DAY	Heat Gun - Shrink Wrap For Emergency Clean-up	138.46	
02 90 55 00-0093	WK	Heat Gun - Shrinkwrap For Emergency Clean-up	380.76	
02 90 55 00-0094	MO	Heat Gun - Shrinkwrap For Emergency Clean-up	1,038.43	
02 90 55 00-0095	DAY	High Efficiency Particulate Air (HEPA) Negative Air Machine For Emergency Clean-up Note: Includes all filters.	149.40	
02 90 55 00-0096	DAY	Ladder For Emergency Clean-up	28.42	
02 90 55 00-0097	DAY	Lights - Demo, Drop, Stand, String For Emergency Clean-up	25.67	
02 90 55 00-0098	DAY	Lights - Wobble For Emergency Clean-up	31.37	
02 90 55 00-0099	DAY	Moisture Meter For Emergency Clean-up	42.78	
02 90 55 00-0100	WK	Moisture Meter For Emergency Clean-up	117.65	
02 90 55 00-0101	MO	Moisture Meter For Emergency Clean-up	320.87	
02 90 55 00-0102	DAY	Nail Gun For Emergency Clean-up	75.23	
02 90 55 00-0103	WK	Nail Gun For Emergency Clean-up	206.87	
02 90 55 00-0104	MO	Nail Gun For Emergency Clean-up	564.20	
02 90 55 00-0105	DAY	Ozone Generator For Emergency Clean-up	178.26	
02 90 55 00-0106	DAY	PPE (Personal Protective Equipment) Mold Remediation Related For Emergency Clean-up	100.30	
02 90 55 00-0107	DAY	Portable Generator, Up To 7,500 Watt For Emergency Clean-up	142.61	
02 90 55 00-0108	DAY	Pressure Washer, Hot For Emergency Clean-up	213.92	
02 90 55 00-0109	DAY	Pressure Washer, Cold For Emergency Clean-up	142.61	
02 90 55 00-0110	DAY	Scaffolding - Per Section For Emergency Clean-up	108.66	
02 90 55 00-0111	DAY	Small Tools - Tool Box For Emergency Clean-up	41.79	
02 90 55 00-0112	DAY	Soda Blasting Equipment For Emergency Clean-up	1,783.33	
02 90 55 00-0113	DAY	Sprayer - Hudson For Emergency Clean-up	13.37	
02 90 55 00-0114	WK	Sprayer - Hudson For Emergency Clean-up	36.78	
02 90 55 00-0115	MO	Sprayer - Hudson For Emergency Clean-up	100.30	
02 90 55 00-0116	DAY	0.47 GPM, Airless Paint Sprayer For Emergency Clean-up	90.34	
02 90 55 00-0117	WK	0.47 GPM, Airless Paint Sprayer For Emergency Clean-up	265.80	
02 90 55 00-0118	MO	0.47 GPM, Airless Paint Sprayer For Emergency Clean-up	909.77	
02 90 55 00-0119	DAY	0.60 GPM, Airless Paint Sprayer For Emergency Clean-up	178.14	
02 90 55 00-0120	WK	0.60 GPM, Airless Paint Sprayer For Emergency Clean-up	419.90	
02 90 55 00-0121	MO	0.60 GPM, Airless Paint Sprayer For Emergency Clean-up	1,170.62	
02 90 55 00-0122	DAY	0.80 GPM, Airless Paint Sprayer For Emergency Clean-up	190.86	
02 90 55 00-0123	WK	0.80 GPM, Airless Paint Sprayer For Emergency Clean-up	477.15	
02 90 55 00-0124	MO	0.80 GPM, Airless Paint Sprayer For Emergency Clean-up	1,285.14	
02 90 55 00-0125	DAY	Storage Space (Per SF Per Day) For Emergency Clean-up	4.81	
02 90 55 00-0126	DAY	Submersible Pump For Emergency Clean-up	35.65	
02 90 55 00-0127	DAY	Trash Pump - 2" Gas Powered For Emergency Clean-up	256.61	
02 90 55 00-0128	DAY	Vehicle, Pick-up, SUV, Car For Emergency Clean-up	127.38	
02 90 55 00-0129	DAY	Vehicle, Van For Emergency Clean-up	207.69	
02 90 55 00-0130	DAY	16' Or 24' Box Truck Vehicle For Emergency Clean-up Note: Includes Mileage	280.34	
02 90 55 00-0131	DAY	Trailer - Refrigerated 40' Storage For Emergency Clean-up	275.99	
02 90 55 00-0132	DAY	Utility Trailer For Emergency Clean-up Note: Includes Mileage	229.84	
02 90 55 00-0133	DAY	Truck Mount, Per Wand Extraction For Emergency Clean-up	1,036.59	
02 90 55 00-0134	DAY	High Efficiency Particulate Air (HEPA) Backpack Vacuum For Emergency Clean-up	35.65	
02 90 55 00-0135	WK	High Efficiency Particulate Air (HEPA) Backpack Vacuum For Emergency Clean-up	98.05	
02 90 55 00-0136	MO	High Efficiency Particulate Air (HEPA) Backpack Vacuum For Emergency Clean-up	267.40	
02 90 55 00-0137	DAY	12 Gallon, Industrial High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	121.22	
02 90 55 00-0138	WK	12 Gallon, Industrial High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	333.35	
02 90 55 00-0139	MO	12 Gallon, Industrial High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	909.15	
02 90 55 00-0140	DAY	Vacuum - Upright For Emergency Clean-up	30.46	
02 90 55 00-0141	WK	Vacuum - Upright For Emergency Clean-up	83.77	
02 90 55 00-0142	MO	Vacuum - Upright For Emergency Clean-up	228.45	
02 90 55 00-0143	DAY	12 To 23 Gallon, Wet/Dry Shop Vacuum For Emergency Clean-up	51.82	
02 90 55 00-0144	WK	12 To 23 Gallon, Wet/Dry Shop Vacuum For Emergency Clean-up	128.72	
02 90 55 00-0145	MO	12 To 23 Gallon, Wet/Dry Shop Vacuum For Emergency Clean-up	309.26	
02 90 55 00-0146	DAY	55 Gallon Wet/Dry Drum Top Vacuum For Emergency Clean-up	51.82	
02 90 55 00-0147	WK	55 Gallon Wet/Dry Drum Top Vacuum For Emergency Clean-up	128.72	
02 90 55 00-0148	MO	55 Gallon Wet/Dry Drum Top Vacuum For Emergency Clean-up	325.98	
02 90 55 00-0149	DAY	17 Gallon Wet Vacuum With Pump Discharge For Emergency Clean-up	118.69	
02 90 55 00-0150	WK	17 Gallon Wet Vacuum With Pump Discharge For Emergency Clean-up	317.62	
02 90 55 00-0151	MO	17 Gallon Wet Vacuum With Pump Discharge For Emergency Clean-up	886.00	
02 90 55 00-0152	DAY	Zip Wall Poles (Per 2 Poles) For Emergency Clean-up	35.65	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0153	WK	Zip Wall Poles (Per 2 Poles) For Emergency Clean-up	98.05	
02 90 55 00-0154	MO	Zip Wall Poles (Per 2 Poles) For Emergency Clean-up	267.40	
02 90 55 00-0155	DAY	10' x 10' Canopy For Emergency Clean-up	105.32	
02 90 55 00-0156	WK	10' x 10' Canopy For Emergency Clean-up	210.63	
02 90 55 00-0157	MO	10' x 10' Canopy For Emergency Clean-up	421.27	
02 90 55 00-0158	DAY	10' x 20' Canopy For Emergency Clean-up	210.63	
02 90 55 00-0159	WK	10' x 20' Canopy For Emergency Clean-up	421.27	
02 90 55 00-0160	MO	10' x 20' Canopy For Emergency Clean-up	842.54	
02 90 55 00-0161	DAY	16' x 16' Canopy For Emergency Clean-up	264.13	
02 90 55 00-0162	WK	16' x 16' Canopy For Emergency Clean-up	528.26	
02 90 55 00-0163	MO	16' x 16' Canopy For Emergency Clean-up	1,056.51	
02 90 55 00-0164	DAY	20' x 20' Canopy For Emergency Clean-up	351.06	
02 90 55 00-0165	WK	20' x 20' Canopy For Emergency Clean-up	702.11	
02 90 55 00-0166	MO	20' x 20' Canopy For Emergency Clean-up	1,404.23	
02 90 55 00-0167	DAY	20' x 30' Canopy For Emergency Clean-up	401.21	
02 90 55 00-0168	WK	20' x 30' Canopy For Emergency Clean-up	802.42	
02 90 55 00-0169	MO	20' x 30' Canopy For Emergency Clean-up	1,604.83	
02 90 55 00-0170	DAY	20' x 40' Canopy For Emergency Clean-up	468.08	
02 90 55 00-0171	WK	20' x 40' Canopy For Emergency Clean-up	936.15	
02 90 55 00-0172	MO	20' x 40' Canopy For Emergency Clean-up	1,872.30	
02 90 55 00-0173	DAY	First Aid Station For Emergency Clean-up	252.76	
02 90 55 00-0174	WK	First Aid Station For Emergency Clean-up	695.09	
02 90 55 00-0175	MO	First Aid Station For Emergency Clean-up	1,895.71	
02 90 55 00-0176	DAY	Portable Eyewash Station For Emergency Clean-up	76.76	
02 90 55 00-0177	WK	Portable Eyewash Station For Emergency Clean-up	211.10	
02 90 55 00-0178	MO	Portable Eyewash Station For Emergency Clean-up	575.73	
02 90 55 00-0179	DAY	2 Way Radio For Emergency Clean-up	41.70	

02 90 55 00-0180 Technical/Electronics Restoration Equipment *(02 90 55 00-0022)*

02 90 55 00-0181	DAY	Computer - Diagnostic For Emergency Clean-up	41.79	
02 90 55 00-0182	WK	Computer - Diagnostic For Emergency Clean-up	114.93	
02 90 55 00-0183	MO	Computer - Diagnostic For Emergency Clean-up	313.44	
02 90 55 00-0184	DAY	Convection Oven - Large For Emergency Clean-up	805.82	
02 90 55 00-0185	WK	Convection Oven - Large For Emergency Clean-up	2,216.01	
02 90 55 00-0186	MO	Convection Oven - Large For Emergency Clean-up	6,043.67	
02 90 55 00-0187	DAY	Convection Oven - Small For Emergency Clean-up	150.45	
02 90 55 00-0188	WK	Convection Oven - Small For Emergency Clean-up	413.75	
02 90 55 00-0189	MO	Convection Oven - Small For Emergency Clean-up	1,128.40	
02 90 55 00-0190	DAY	Convection Oven - Vacuum For Emergency Clean-up	1,150.12	
02 90 55 00-0191	WK	Convection Oven - Vacuum For Emergency Clean-up	3,162.83	
02 90 55 00-0192	MO	Convection Oven - Vacuum For Emergency Clean-up	8,625.90	
02 90 55 00-0193	DAY	Decontamination Booth For Emergency Clean-up	950.74	
02 90 55 00-0194	WK	Decontamination Booth For Emergency Clean-up	2,614.54	
02 90 55 00-0195	MO	Decontamination Booth For Emergency Clean-up	7,130.56	
02 90 55 00-0196	DAY	DI Water System For Emergency Clean-up	73.84	
02 90 55 00-0197	WK	DI Water System For Emergency Clean-up	203.07	
02 90 55 00-0198	MO	DI Water System For Emergency Clean-up	553.83	
02 90 55 00-0199	DAY	ESD Bench Workstation For Emergency Clean-up	45.23	
02 90 55 00-0200	WK	ESD Bench Workstation For Emergency Clean-up	124.38	
02 90 55 00-0201	MO	ESD Bench Workstation For Emergency Clean-up	339.22	
02 90 55 00-0202	DAY	Heater/Enclosure Control System For Emergency Clean-up	25.08	
02 90 55 00-0203	WK	Heater/Enclosure Control System For Emergency Clean-up	68.96	
02 90 55 00-0204	MO	Heater/Enclosure Control System For Emergency Clean-up	188.07	
02 90 55 00-0205	DAY	Hi-Tech Mobile Cart/Workstation For Emergency Clean-up	116.30	
02 90 55 00-0206	WK	Hi-Tech Mobile Cart/Workstation For Emergency Clean-up	319.84	
02 90 55 00-0207	MO	Hi-Tech Mobile Cart/Workstation For Emergency Clean-up	872.28	
02 90 55 00-0208	DAY	Micro-Blaster/Dust Collector For Emergency Clean-up	376.13	
02 90 55 00-0209	WK	Micro-Blaster/Dust Collector For Emergency Clean-up	1,034.36	
02 90 55 00-0210	MO	Micro-Blaster/Dust Collector For Emergency Clean-up	2,820.99	
02 90 55 00-0211	DAY	Mobile Laboratory For Emergency Clean-up	1,044.81	
02 90 55 00-0212	WK	Mobile Laboratory For Emergency Clean-up	2,873.23	
02 90 55 00-0213	MO	Mobile Laboratory For Emergency Clean-up	7,836.09	
02 90 55 00-0214	DAY	Nitrogen Enclosure Cabinet For Emergency Clean-up	20.06	
02 90 55 00-0215	WK	Nitrogen Enclosure Cabinet For Emergency Clean-up	55.17	
02 90 55 00-0216	MO	Nitrogen Enclosure Cabinet For Emergency Clean-up	150.45	
02 90 55 00-0217	DAY	Odell Cleaning Station For Emergency Clean-up	585.10	
02 90 55 00-0218	WK	Odell Cleaning Station For Emergency Clean-up	1,609.01	
02 90 55 00-0219	MO	Odell Cleaning Station For Emergency Clean-up	4,388.21	
02 90 55 00-0220	DAY	Parts Washer For Emergency Clean-up	41.79	
02 90 55 00-0221	WK	Parts Washer For Emergency Clean-up	114.93	
02 90 55 00-0222	MO	Parts Washer For Emergency Clean-up	313.44	
02 90 55 00-0223	DAY	Ultrasonic Cleaning System For Emergency Clean-up	346.14	
02 90 55 00-0224	WK	Ultrasonic Cleaning System For Emergency Clean-up	951.90	
02 90 55 00-0225	MO	Ultrasonic Cleaning System For Emergency Clean-up	2,596.08	
02 90 55 00-0226	DAY	Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	164.76	
02 90 55 00-0227	WK	Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	453.10	
02 90 55 00-0228	MO	Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	1,235.73	

02 90 55 00-0229 Drying/Dehumidification Equipment *(02 90 55 00-0022)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0230	DAY	202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up Note: Includes 25' high-pressure solution hose and 25' Vacuum hose.	178.26	
02 90 55 00-0231	WK	202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up Note: Includes 25' high-pressure solution hose and 25' Vacuum hose.	490.23	
02 90 55 00-0232	MO	202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up Note: Includes 25' high-pressure solution hose and 25' Vacuum hose.	1,336.98	
02 90 55 00-0233	DAY	2,200 CFM Centrifugal Air Mover For Emergency Clean-up	60.87	
02 90 55 00-0234	WK	2,200 CFM Centrifugal Air Mover For Emergency Clean-up	167.40	
02 90 55 00-0235	MO	2,200 CFM Centrifugal Air Mover For Emergency Clean-up	456.55	
02 90 55 00-0236	DAY	3,000 CFM Axial Air Mover For Emergency Clean-up	101.46	
02 90 55 00-0237	WK	3,000 CFM Axial Air Mover For Emergency Clean-up	279.00	
02 90 55 00-0238	MO	3,000 CFM Axial Air Mover For Emergency Clean-up	760.91	
02 90 55 00-0239	DAY	Injectidry System For Emergency Clean-up	221.05	
02 90 55 00-0240	WK	Injectidry System For Emergency Clean-up	607.88	
02 90 55 00-0241	MO	Injectidry System For Emergency Clean-up	1,657.85	
02 90 55 00-0242	DAY	Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	142.61	
02 90 55 00-0243	WK	Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	392.18	
02 90 55 00-0244	MO	Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	1,069.58	
02 90 55 00-0245	DAY	>100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	169.78	
02 90 55 00-0246	WK	>100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	466.88	
02 90 55 00-0247	MO	>100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	1,273.31	
02 90 55 00-0248	DAY	>175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	196.94	
02 90 55 00-0249	WK	>175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	541.58	
02 90 55 00-0250	MO	>175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	1,477.04	
02 90 55 00-0251	DAY	Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up	210.52	
02 90 55 00-0252	WK	Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up	578.93	
02 90 55 00-0253	MO	Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up	1,578.91	
02 90 55 00-0254	DAY	Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up	210.52	
02 90 55 00-0255	WK	Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up	578.93	
02 90 55 00-0256	MO	Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up	1,578.91	
02 90 55 00-0257	DAY	D-500 Desiccant Dehumidifier For Emergency Clean-up	237.68	
02 90 55 00-0258	WK	D-500 Desiccant Dehumidifier For Emergency Clean-up	653.63	
02 90 55 00-0259	MO	D-500 Desiccant Dehumidifier For Emergency Clean-up	1,782.64	
02 90 55 00-0260	DAY	D-750 Desiccant Dehumidifier For Emergency Clean-up	499.14	
02 90 55 00-0261	WK	D-750 Desiccant Dehumidifier For Emergency Clean-up	1,372.63	
02 90 55 00-0262	MO	D-750 Desiccant Dehumidifier For Emergency Clean-up	3,743.54	
02 90 55 00-0263	DAY	D-1000 Desiccant Dehumidifier For Emergency Clean-up	855.67	
02 90 55 00-0264	WK	D-1000 Desiccant Dehumidifier For Emergency Clean-up	2,353.08	
02 90 55 00-0265	MO	D-1000 Desiccant Dehumidifier For Emergency Clean-up	6,417.50	
02 90 55 00-0266	DAY	D-1500 Desiccant Dehumidifier For Emergency Clean-up	1,317.45	
02 90 55 00-0267	WK	D-1500 Desiccant Dehumidifier For Emergency Clean-up	3,623.00	
02 90 55 00-0268	MO	D-1500 Desiccant Dehumidifier For Emergency Clean-up	9,880.90	
02 90 55 00-0269	DAY	D-2000 Desiccant Dehumidifier For Emergency Clean-up	1,317.45	
02 90 55 00-0270	WK	D-2000 Desiccant Dehumidifier For Emergency Clean-up	3,623.00	
02 90 55 00-0271	MO	D-2000 Desiccant Dehumidifier For Emergency Clean-up	9,880.90	
02 90 55 00-0272	DAY	D-2250 Desiccant Dehumidifier For Emergency Clean-up	1,375.86	
02 90 55 00-0273	WK	D-2250 Desiccant Dehumidifier For Emergency Clean-up	3,783.61	
02 90 55 00-0274	MO	D-2250 Desiccant Dehumidifier For Emergency Clean-up	10,318.92	
02 90 55 00-0275	DAY	D-3000 Desiccant Dehumidifier For Emergency Clean-up	1,711.33	
02 90 55 00-0276	WK	D-3000 Desiccant Dehumidifier For Emergency Clean-up	4,706.16	
02 90 55 00-0277	MO	D-3000 Desiccant Dehumidifier For Emergency Clean-up	12,834.99	
02 90 55 00-0278	DAY	D-4500 Desiccant Dehumidifier For Emergency Clean-up	1,925.25	
02 90 55 00-0279	WK	D-4500 Desiccant Dehumidifier For Emergency Clean-up	5,294.43	
02 90 55 00-0280	MO	D-4500 Desiccant Dehumidifier For Emergency Clean-up	14,439.36	
02 90 55 00-0281	DAY	D-5000 Desiccant Dehumidifier For Emergency Clean-up	2,067.86	
02 90 55 00-0282	WK	D-5000 Desiccant Dehumidifier For Emergency Clean-up	5,686.61	
02 90 55 00-0283	MO	D-5000 Desiccant Dehumidifier For Emergency Clean-up	15,508.95	
02 90 55 00-0284	DAY	D-9000 Desiccant Dehumidifier For Emergency Clean-up	2,716.40	
02 90 55 00-0285	WK	D-9000 Desiccant Dehumidifier For Emergency Clean-up	7,470.10	
02 90 55 00-0286	MO	D-9000 Desiccant Dehumidifier For Emergency Clean-up	20,373.00	
02 90 55 00-0287	DAY	D-10500 Desiccant Dehumidifier For Emergency Clean-up	2,852.22	
02 90 55 00-0288	WK	D-10500 Desiccant Dehumidifier For Emergency Clean-up	7,843.60	
02 90 55 00-0289	MO	D-10500 Desiccant Dehumidifier For Emergency Clean-up	21,391.65	
02 90 55 00-0290	DAY	3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	677.69	
02 90 55 00-0291	WK	3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	1,863.64	
02 90 55 00-0292	MO	3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	5,082.66	
02 90 55 00-0293	DAY	5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	938.34	
02 90 55 00-0294	WK	5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	2,580.43	
02 90 55 00-0295	MO	5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	7,037.53	
02 90 55 00-0296	DAY	10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	855.67	
02 90 55 00-0297	WK	10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	2,353.08	
02 90 55 00-0298	MO	10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	6,417.50	
02 90 55 00-0299	DAY	25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	1,140.89	
02 90 55 00-0300	WK	25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	3,137.44	
02 90 55 00-0301	MO	25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	8,556.66	
02 90 55 00-0302	DAY	50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	1,925.25	
02 90 55 00-0303	WK	50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	5,294.43	
02 90 55 00-0304	MO	50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	14,439.36	
02 90 55 00-0305	DAY	80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	2,139.16	
02 90 55 00-0306	WK	80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	5,882.70	
02 90 55 00-0307	MO	80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	16,043.74	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0308	DAY	25' Flex Duct For Emergency Clean-up	28.52	
02 90 55 00-0309	WK	25' Flex Duct For Emergency Clean-up	78.44	
02 90 55 00-0310	MO	25' Flex Duct For Emergency Clean-up	213.92	
02 90 55 00-0311	DAY	Hygrothermograph For Emergency Clean-up	41.79	
02 90 55 00-0312	WK	Hygrothermograph For Emergency Clean-up	114.93	
02 90 55 00-0313	MO	Hygrothermograph For Emergency Clean-up	313.44	
02 90 55 00-0314	DAY	Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.	9,811.79	
02 90 55 00-0315	WK	Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.	26,982.42	
02 90 55 00-0316	MO	Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.	73,588.43	
02 90 55 00-0317		**Power Equipment** *(02 90 55 00-0022)*		
02 90 55 00-0318	WK	Up to 65 KVA Generator For Emergency Clean-up	1,290.84	
02 90 55 00-0319	WK	>65 to 125 KVA Generator For Emergency Clean-up	2,184.49	
02 90 55 00-0320	WK	>125 to 250 KVA Generator For Emergency Clean-up	2,130.56	
02 90 55 00-0321	WK	>250 to 375 KVA Generator For Emergency Clean-up	3,673.92	
02 90 55 00-0322	WK	>375 Up to 440 KVA Generator For Emergency Clean-up	4,964.75	
02 90 55 00-0323	WK	>440 to 625 KVA Generator For Emergency Clean-up	7,475.65	
02 90 55 00-0324	WK	>625 to 800 KVA Generator For Emergency Clean-up	7,645.72	
02 90 55 00-0325	WK	>800 to 1,000 KVA Generator For Emergency Clean-up	10,227.38	
02 90 55 00-0326	WK	>1,000 to 1,500 KVA Generator For Emergency Clean-up	15,390.72	
02 90 55 00-0327	EA	Generator Cable/Pigtails (Per Section) For Emergency Clean-up	33.36	
02 90 55 00-0328	EA	Sub-Distribution Panel (Spider Box) For Emergency Clean-up	159.86	
02 90 55 00-0329	EA	Electrical Distribution Panel For Emergency Clean-up	346.14	
02 90 55 00-0330	EA	Quad Box Strings (25' Sections) For Emergency Clean-up	60.07	
02 90 55 00-0331	EA	50' Power Cord For Spider Box For Emergency Clean-up	55.61	
02 90 55 00-0332	EA	Pig Tails (Per Each) For Emergency Clean-up	4.18	
02 90 55 00-0333		**Freight Charges** *(02 90 55 00-0022)*		
02 90 55 00-0334	MI	Freight Up To 1 Ton Pick Up Truck For Emergency Clean-up Equipment	2.09	
02 90 55 00-0335	MI	Freight >1 Ton Pick Up Truck For Emergency Clean-up Equipment	3.76	
02 90 55 00-0336	MI	Freight 16' Or 24' Box Truck For Emergency Clean-up Equipment	3.76	
02 90 55 00-0337	MI	Freight Tractor Trailer For Emergency Clean-up Equipment	5.43	
02 90 55 00-0338		**Emergency Clean-up Personal Protection Equipment** *(02 90 55 00-0001)* Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Cleanup sections.		
02 90 55 00-0339	EA	Tyvek Coveralls For Emergency Clean-up Personal Protection Equipment	11.80	
02 90 55 00-0340	EA	Tyvek Coveralls With Elastic Wrists And Ankles For Emergency Clean-up Personal Protection Equipment	14.44	
02 90 55 00-0341	EA	Tyvek Coveralls With Hood, Elastic Wrists And Ankles For Emergency Clean-up Personal Protection Equipment	15.14	
02 90 55 00-0342	EA	Tyvek Coveralls With Hood, Boots, Elastic Wrists And Ankles For Emergency Clean-up Personal Protection Equipment	19.08	
02 90 55 00-0343	EA	Disposable Dual Cartridge Half-Mask Respirator For Emergency Clean-up Personal Protection Equipment	132.79	
02 90 55 00-0344	EA	N95 Respirator For Emergency Clean-up Personal Protection Equipment	5.17	
02 90 55 00-0345	EA	N95 Respirator With Valve For Emergency Clean-up Personal Protection Equipment	6.04	
02 90 55 00-0346	PR	3M Respirator Cartridges For Emergency Clean-up Personal Protection Equipment	40.55	
02 90 55 00-0347	EA	Respirator Cleaning Wipes, Per Box 100 For Emergency Clean-up Personal Protection Equipment	32.44	
02 90 55 00-0348	PR	P100 Respirator Cartridges For Emergency Clean-up Personal Protection Equipment	40.55	
02 90 55 00-0349	EA	Respirator Cartridge For Emergency Clean-up Personal Protection Equipment	41.24	
02 90 55 00-0350	BOX	Dust Mask, Box of 50, For Emergency Clean-up Personal Protection Equipment	45.98	
02 90 55 00-0351	PR	Cotton Canvas Gloves For Emergency Clean-up Personal Protection Equipment	4.15	
02 90 55 00-0352	BOX	5 Mil, Disposable Latex Gloves, Box of 100, For Emergency Clean-up Personal Protection Equipment	21.39	
02 90 55 00-0353	PR	4 Mil, Disposable Nitrile Gloves For Emergency Clean-up Personal Protection Equipment	0.45	
02 90 55 00-0354	PR	5 Mil, Disposable Vinyl Gloves For Emergency Clean-up Personal Protection Equipment	0.38	
02 90 55 00-0355	PR	17 Mil, Latex Gloves For Emergency Clean-up Personal Protection Equipment	1.81	
02 90 55 00-0356	PR	15 Mil, Nitrile Gloves For Emergency Clean-up Personal Protection Equipment	4.29	
02 90 55 00-0357	PR	Vinyl Coated Gloves With Knit Lining For Emergency Clean-up Personal Protection Equipment	5.88	
02 90 55 00-0358	PR	30 Mil, Polyvinyl Chloride (PVC) And Polyvinyl Chloride (PVC) Blend Gloves For Emergency Clean-up Personal Protection Equipment	6.59	
02 90 55 00-0359	PR	Leather Gloves For Emergency Clean-up Personal Protection Equipment	10.70	
02 90 55 00-0360	EA	Heavy-Duty, Rubber Gloves For Emergency Clean-up Personal Protection Equipment	18.27	
02 90 55 00-0361	PR	Polycarbonate Lens Safety Goggles For Emergency Clean-up Personal Protection Equipment	12.37	
02 90 55 00-0362	PR	Chemical Splash/Impact Resistant, Polycarbonate Lens Safety Goggles For Emergency Clean-up Personal Protection Equipment	20.40	
02 90 55 00-0363	PR	Plastic Safety Glasses For Emergency Clean-up Personal Protection Equipment	5.42	
02 90 55 00-0364	EA	Safety Harness (Per Person/Day) For Emergency Clean-up Personal Protection Equipment	7.13	
02 90 55 00-0365		**Emergency Clean-up Expendables** *(02 90 55 00-0001)* Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Cleanup sections.		
02 90 55 00-0366		**General Materials** *(02 90 55 00-0365)*		
02 90 55 00-0367	GAL	Adhesive Remover For Emergency Clean-up	85.57	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0368	GAL	Bioside-HS Cleaning Solution For Emergency Clean-up	28.50	
02 90 55 00-0369	GAL	Biocide Mold Cleaning Solution For Emergency Clean-up	36.36	
02 90 55 00-0370	EA	10" x 12" x 15" Cardboard Storage Box For Emergency Clean-up	4.51	
02 90 55 00-0371	EA	10" x 12" x 24" Cardboard Storage Box For Emergency Clean-up	6.85	
02 90 55 00-0372	EA	10" x 15" x 24" Cardboard Storage Box For Emergency Clean-up	6.85	
02 90 55 00-0373	GAL	Bleach For Emergency Clean-up	9.20	
02 90 55 00-0374	EA	Small Stainless Brush For Emergency Clean-up	7.38	
02 90 55 00-0375	EA	2-1/2 Gallon Buckets For Emergency Clean-up	7.06	
02 90 55 00-0376	EA	5 Gallon Bucket For Emergency Clean-up	10.70	
02 90 55 00-0377	GAL	Carpet Defoamer For Emergency Clean-up	27.52	
02 90 55 00-0378	GAL	Carpet Pre-treat For Emergency Clean-up	27.32	
02 90 55 00-0379	GAL	Carpet Spotter For Emergency Clean-up	45.78	
02 90 55 00-0380	GAL	Carpet/Upholstery Cleaner For Emergency Clean-up	36.92	
02 90 55 00-0381	ROL	Carpet Masking/Shield For Emergency Clean-up	114.31	
02 90 55 00-0382	EA	Chemical Sponge For Emergency Clean-up	3.37	
02 90 55 00-0383	GAL	Clear Seal For Emergency Clean-up	115.04	
02 90 55 00-0384	GAL	Coil Cleaner For Emergency Clean-up	78.70	
02 90 55 00-0385	EA	Decontamination Chamber For Emergency Clean-up	341.97	
02 90 55 00-0386	GAL	All Purpose Degreaser For Emergency Clean-up	37.65	
02 90 55 00-0387	GAL	De-Foamer Liquid For Emergency Clean-up	49.48	
02 90 55 00-0388	EA	Deodorization Membrane For Emergency Clean-up	95.84	
02 90 55 00-0389	GAL	9-D-9 Smoke Deodorizer For Emergency Clean-up	147.91	
02 90 55 00-0390	LB	Deodorizing Gel For Emergency Clean-up	34.75	
02 90 55 00-0391	GAL	Deodorizing Liquid For Emergency Clean-up	50.82	
02 90 55 00-0392	PAIL	Deodorizing Block For Emergency Clean-up	8.74	
02 90 55 00-0393	GAL	Disinfectant/Anti-microbial For Emergency Clean-up	90.16	
02 90 55 00-0394	GAL	BruClean Disinfectant For Emergency Clean-up	40.04	
02 90 55 00-0395	GAL	Dryclean For Emergency Clean-up	39.93	
02 90 55 00-0396	GAL	Duct Sealant Spray For Emergency Clean-up	60.18	
02 90 55 00-0397	GAL	Antifungal Duct Sealant For Emergency Clean-up	86.93	
02 90 55 00-0398	GAL	Microbial Encapsulant (Fosters 20 - 40) For Emergency Clean-up	133.39	
02 90 55 00-0399	PR	Ear Plugs For Emergency Clean-up Personal Protection Equipment	0.54	
02 90 55 00-0400	GAL	Encapsulant For Emergency Clean-up	121.10	
02 90 55 00-0401	GAL	Aftershock Fiberlocke For Emergency Clean-up	106.34	
02 90 55 00-0402	GAL	IAQ 2500 Fiberlocke For Emergency Clean-up	103.22	
02 90 55 00-0403	GAL	IAS 6000 Fiberlocke For Emergency Clean-up	106.16	
02 90 55 00-0404	ROL	Filter Material For Emergency Clean-up	306.70	
02 90 55 00-0405	EA	Blue Paper Collection Bag Filter For Emergency Clean-up	8.26	
02 90 55 00-0406	EA	CVAC Filter For High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	655.98	
02 90 55 00-0407	EA	Pre-Filter For Negative Air Machine For Emergency Clean-up	3.15	
02 90 55 00-0408	EA	Pleated Filter For Negative Air Machine For Emergency Clean-up	14.01	
02 90 55 00-0409	EA	Charcoal Filter For Negative Air Machine For Emergency Clean-up	49.89	
02 90 55 00-0410	EA	High Efficiency Particulate Air (HEPA) Filter For Negative Air Machine For Emergency Clean-up	474.46	
02 90 55 00-0411	EA	Pleated Dehumidifier Filter For Emergency Clean-up	12.52	
02 90 55 00-0412	GAL	Floor Stripper For Emergency Clean-up	18.72	
02 90 55 00-0413	GAL	Floor Wax For Emergency Clean-up	26.75	
02 90 55 00-0414	GAL	Fogger (Thermal) For Emergency Clean-up	156.88	
02 90 55 00-0415	BOX	Furniture Blocks For Emergency Clean-up	126.36	
02 90 55 00-0416	EA	Furniture Polish, Per 10 Oz Can For Emergency Clean-up	17.03	
02 90 55 00-0417	GAL	Glass Cleaner For Emergency Clean-up	11.35	
02 90 55 00-0418	EA	Goof Off Spray, 12 Oz For Emergency Clean-up	19.86	
02 90 55 00-0419	EA	Halogen Light Bulbs For Emergency Clean-up	19.10	
02 90 55 00-0420	QT	Hand Sanitizer For Emergency Clean-up	9.44	
02 90 55 00-0421	EA	Hard Hats For Emergency Clean-up Personal Protection Equipment	7.77	
02 90 55 00-0422	BOX	Hog Rings, Box Of 2,500 For Emergency Clean-up	24.20	
02 90 55 00-0423	GAL	HVAC Coal Cleaner For Emergency Clean-up	70.52	
02 90 55 00-0424	BOX	Inventory Tag, Box Of 1,000 For Emergency Clean-up	170.20	
02 90 55 00-0425	EA	Utility Knives For Emergency Clean-up	14.71	
02 90 55 00-0426	ROL	13" Lay Flat Tubing (250' Roll) For Emergency Clean-up	146.00	
02 90 55 00-0427	ROL	20" Lay Flat Tubing (250' Roll) For Emergency Clean-up	154.14	
02 90 55 00-0428	ROL	29" Lay Flat Tubing (250' Roll) For Emergency Clean-up	306.89	
02 90 55 00-0429	ROL	39" Lay Flat Tubing (250' Roll) For Emergency Clean-up	443.59	
02 90 55 00-0430	GAL	Lemon Oil For Emergency Clean-up	45.64	
02 90 55 00-0431	GAL	LPS 1/Mecca Lube For Emergency Clean-up	48.60	
02 90 55 00-0432	GAL	LPS 2 For Emergency Clean-up	51.43	
02 90 55 00-0433	GAL	LPS Contact Cleaner For Emergency Clean-up	51.19	
02 90 55 00-0434	GAL	Light Lubricant Preserve For Emergency Clean-up	177.67	
02 90 55 00-0435	GAL	Heavy Lubricant Preserver For Emergency Clean-up	26.75	
02 90 55 00-0436	GAL	Machinery Cleaning Solvent For Emergency Clean-up	218.49	
02 90 55 00-0437	GAL	Metal Polishing Paste For Emergency Clean-up	32.89	
02 90 55 00-0438	GAL	MediClean® Disinfectant For Emergency Clean-up	54.06	
02 90 55 00-0439	GAL	Dri-Eaz Milgo Plus Sanitizer For Emergency Clean-up	66.35	
02 90 55 00-0440	EA	Mop Heads For Emergency Clean-up	8.11	
02 90 55 00-0441	EA	Nylon Scouring Pads For Emergency Clean-up	1.47	
02 90 55 00-0442	GAL	Odor Neutralizer For Emergency Clean-up	45.78	
02 90 55 00-0443	EA	Packing Paper, 25 Lb. Bundle For Emergency Clean-up	88.51	
02 90 55 00-0444	EA	Paint Brushes For Emergency Clean-up	6.69	
02 90 55 00-0445	ROL	Corrugated/Craft Paper, 48" x 250' For Emergency Clean-up	206.41	
02 90 55 00-0446	EA	Putty Knives For Emergency Clean-up	6.06	
02 90 55 00-0447	ROL	Red Resin Paper, 200' Roll For Emergency Clean-up	45.04	
02 90 55 00-0448	GAL	Reodorant For Emergency Clean-up	113.68	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0449	GAL	Restoracide For Emergency Clean-up	53.32	
02 90 55 00-0450	GAL	Rust Remover For Emergency Clean-up	79.86	
02 90 55 00-0451	EA	Saltesmo Test Samples For Emergency Clean-up	7.42	
02 90 55 00-0452	EA	Sand Bag For Emergency Clean-up Note: Excludes sand material	1.94	
02 90 55 00-0453	EA	Scotch-Brite 7447, Per Box 50 For Emergency Clean-up	35.44	
02 90 55 00-0454	EA	Small Scrub Brushes For Emergency Clean-up	16.98	
02 90 55 00-0455	GAL	Clear Soot Sealant For Emergency Clean-up	92.62	
02 90 55 00-0456	GAL	Pigmented Soot Sealant For Emergency Clean-up	249.78	
02 90 55 00-0457	ROL	Shrinkwrap Plastic For Emergency Clean-up	57.50	
02 90 55 00-0458	EA	Dry Sponges For Emergency Clean-up	5.91	
02 90 55 00-0459	EA	Spray Adhesive, Per Can For Emergency Clean-up	6.00	
02 90 55 00-0460	EA	Spray Bot./Trigger For Emergency Clean-up	5.16	
02 90 55 00-0461	GAL	Stain Remover For Emergency Clean-up	41.35	
02 90 55 00-0462	GAL	Stainless Steel Cleaner For Emergency Clean-up	11.30	
02 90 55 00-0463	EA	Stainless Steel Polish, Per Can For Emergency Clean-up	14.83	
02 90 55 00-0464	LB	Sweeping Compound For Emergency Clean-up	0.72	
02 90 55 00-0465	ROL	Duct Tape, 2" x 50 YD For Emergency Clean-up	11.73	
02 90 55 00-0466	ROL	Environmental (Teal) Tape, 3/4" x 1,440' For Emergency Clean-up	11.04	
02 90 55 00-0467	ROL	HVAC (Aluminum) Tape, 2" x 75' For Emergency Clean-up	29.42	
02 90 55 00-0468	ROL	Blue Masking (Painters) Tape, 1-1/2" x 198' For Emergency Clean-up	15.71	
02 90 55 00-0469	ROL	Poly Box Tape, 2" x 110 YD For Emergency Clean-up	4.85	
02 90 55 00-0470	LB	Terry Towels For Emergency Clean-up	6.89	
02 90 55 00-0471	GAL	Thermal Fog For Emergency Clean-up	93.04	
02 90 55 00-0472	ROL	1.7 Mil, 55 Gallon Trash Bags, 50/Roll For Emergency Clean-up	36.51	
02 90 55 00-0473	ROL	3 Mil, 55 Gallon Trash Bags, 50/Roll For Emergency Clean-up	88.60	
02 90 55 00-0474	ROL	4 Mil, 55 Gallon Trash Bags, 50/Roll For Emergency Clean-up	113.68	
02 90 55 00-0475	ROL	6 Mil, 55 Gallon Trash Bags, 50/Roll For Emergency Clean-up	145.60	
02 90 55 00-0476	EA	Trisodium Phosphate, 20 Lb. Pail For Emergency Clean-up	48.80	
02 90 55 00-0477	EA	Backpack Vacuum Bags For Emergency Clean-up	1.64	
02 90 55 00-0478	EA	Upright Vacuum Bags For Emergency Clean-up	2.19	
02 90 55 00-0479	GAL	Vinyl And Leather Cleaner For Emergency Clean-up	36.92	
02 90 55 00-0480	ROL	1 Mil Visqueen, 12' x 400', For Emergency Clean-up	47.30	
02 90 55 00-0481	ROL	4 Mil Visqueen, 32' x 100', For Emergency Clean-up	128.43	
02 90 55 00-0482	ROL	6 Mil Visqueen, 32' x 400', For Emergency Clean-up	175.24	
02 90 55 00-0483	LB	Wipes, Cotton Cloth For Emergency Clean-up	4.97	
02 90 55 00-0484	ROL	12" x 750', Wrap, Bubble/Anti-static For Emergency Clean-up	144.24	
02 90 55 00-0485	EA	Wyp-Alls, Case Of 160 Wipes For Emergency Clean-up	18.46	
02 90 55 00-0486	EA	Zip Wall Zippers For Emergency Clean-up	21.89	
02 90 55 00-0487	EA	Absorbent Matt Roll For Oil And Other Liquids - 15" Wide x 50' Roll Note: 3.3 gallon volume absorption capacity per roll	35.66	
02 90 55 00-0488	EA	Oil Only Sorbent Pads - 15" x 19", Light, Package Of 100 Note: 26 OZ volume absorption capacity per pad	53.49	
02 90 55 00-0489	EA	Oil Only Sorbent Pads - 15" x 19", Medium, Package Of 100 Note: 33 OZ volume absorption capacity per pad	56.36	
02 90 55 00-0490	EA	Oil Only Sorbent Pads - 15" x 19", Heavy, Package Of 100 Note: 45 OZ volume absorption capacity per pad	92.02	

02 90 55 00-0491 Technical/Electronics Restoration Materials *(02 90 55 00-0365)*

02 90 55 00-0492	EA	Brush - Brass For Emergency Clean-up	5.02	
02 90 55 00-0493	EA	1" Brush, Natural Bristle For Emergency Clean-up	1.60	
02 90 55 00-0494	EA	1/2" Brush, Natural Bristle For Emergency Clean-up	1.34	
02 90 55 00-0495	EA	1/4" Brush, Natural Bristle For Emergency Clean-up	1.14	
02 90 55 00-0496	EA	Brush - Parts For Emergency Clean-up	6.95	
02 90 55 00-0497	EA	Brush - Plastic For Emergency Clean-up	3.61	
02 90 55 00-0498	EA	Brush - Wire Grout For Emergency Clean-up	9.69	
02 90 55 00-0499	EA	Brushing Tool For Emergency Clean-up	18.69	
02 90 55 00-0500	EA	Cleaning Swabs, Cotton For Emergency Clean-up	0.33	
02 90 55 00-0501	EA	Cleaning Swabs, Foam Tip For Emergency Clean-up	0.40	
02 90 55 00-0502	EA	Contact Restorer, Per Can For Emergency Clean-up	30.40	
02 90 55 00-0503	EA	Contact Spray, Per Can For Emergency Clean-up	20.69	
02 90 55 00-0504	UNT	Corrosion Inhibitor Emitter - 1 CF For Emergency Clean-up	3.21	
02 90 55 00-0505	UNT	Corrosion Inhibitor Emitter - 5 CF For Emergency Clean-up	9.19	
02 90 55 00-0506	UNT	Corrosion Inhibitor Emitter - 10 CF For Emergency Clean-up	11.91	
02 90 55 00-0507	LB	Cotton Cleaning Cloths For Emergency Clean-up	18.81	
02 90 55 00-0508	EA	12" x 17" Dust Cloths For Emergency Clean-up	0.30	
02 90 55 00-0509	EA	24" x 24" Dust Cloths For Emergency Clean-up	0.82	
02 90 55 00-0510	EA	Deoxidizing Agent, Per Can For Emergency Clean-up	14.73	
02 90 55 00-0511	GAL	Electronic Grade Detergent For Emergency Clean-up	41.54	
02 90 55 00-0512	SHT	Inventory Labels For Emergency Clean-up	0.22	
02 90 55 00-0513	GAL	Isopropyl Alcohol For Emergency Clean-up	110.07	
02 90 55 00-0514	GAL	Lubrication/Penetrating Oil, Per Can For Emergency Clean-up	179.14	
02 90 55 00-0515	GAL	PC Board Detergent For Emergency Clean-up	85.88	
02 90 55 00-0516	GAL	Rust Inhibitor, Regular Duty For Emergency Clean-up	141.18	
02 90 55 00-0517	GAL	Rust Inhibitor, Moderate Duty For Emergency Clean-up	142.24	
02 90 55 00-0518	GAL	Rust Inhibitor, Severe Duty For Emergency Clean-up	152.04	
02 90 55 00-0519	LB	Wipes, Lint Free Cloths For Emergency Clean-up	7.81	
02 90 55 00-0520	EA	Wire Marker Card For Emergency Clean-up	2.34	
02 90 55 00-0521	EA	Steel Wool, 16 Pad Sleeve For Emergency Clean-up	1.57	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 Concrete

03 01 Maintenance of Concrete *(03)*

03 01 30 Maintenance of Cast-In-Place Concrete *(03 01)*

03 01 30 51 Cleaning of Cast-In-Place Concrete *(03 01 30)*

See CSI section 09 01 90 52-0002 for cleaning of concrete surfaces.

03 01 30 51-0001 **Abrasive Blasting** *(03 01 30 51)*

Note: Includes containment and cleanup of all material. Includes steel ball media.

03 01 30 51-0002	SF	Concrete Floors, Abrasive Shot (Bead) Blasting		4.10	
		For Up To 100, Add		*3.62*	
		For >100 To 250, Add		*0.91*	
		For >250 To 500, Add		*0.45*	
		For >5,000 To 10,000, Deduct		*-0.09*	
		For >10,000, Deduct		*-0.18*	
03 01 30 51-0003	SF	Concrete Walls, Abrasive Shot (Bead) Blasting		5.91	
		For Up To 100, Add		*7.24*	
		For >100 To 250, Add		*1.81*	
		For >250 To 500, Add		*0.91*	
		For >5,000 To 10,000, Deduct		*-0.18*	
		For >10,000, Deduct		*-0.36*	

03 01 30 71 Rehabilitation of Cast-In-Place Concrete *(03 01 30)*

03 01 30 71-0001 **Concrete Resurfacing/Repair** *(03 01 30 71)*

See CSI section 09 01 90 52-0002 for surface preparation as required.

03 01 30 71-0002 **Concrete Repair** *(03 01 30 71-0001)*

03 01 30 71-0003 **Decks Or Floors** *(03 01 30 71-0002)*

Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.

03 01 30 71-0004	SF	Patch Decks Or Floors With 1/8" To 1/4" Thick Cementitious Mortar		7.31
03 01 30 71-0005	SF	Patch Decks Or Floors With 1/8" To 1/4" Thick Epoxy Cementitious Mortar		23.17
03 01 30 71-0006	SF	Patch Decks Or Floors With Non-Slip Aggregate, White Aluminum Oxide Grit		0.65

03 01 30 71-0007 **Verticals Or Overheads** *(03 01 30 71-0002)*

Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.

03 01 30 71-0008	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Cementitious Mortar		10.95
03 01 30 71-0009	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Epoxy Cementitious Mortar		31.68
03 01 30 71-0010	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Latex Cementitious Mortar		35.68
03 01 30 71-0011	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Elastomeric Compound		9.72
03 01 30 71-0012	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Copolymer Cementitious Compound Note: Rapid Set - WunderFixx		17.20

03 01 30 71-0013 **Circular Piers** *(03 01 30 71-0002)*

03 01 30 71-0014	SF	Patch Circular Piers With 1/8" To 1/4" Elastomeric Patching Compound		13.56
03 01 30 71-0015	SF	Patch Circular Piers With 1/8" To 1/4" Copolymer Cementitious Compound Note: Rapid Set - WunderFixx		23.35

03 01 30 71-0016 **Bridge Deck Treatment** *(03 01 30 71-0002)*

03 01 30 71-0017	SF	Sweep Bridge Deck		0.02
03 01 30 71-0018	SF	Clean Bridge Deck		0.04
03 01 30 71-0019	SF	Treat Bridge Deck With Methacrylate Resin Sealant		2.41

03 01 30 71-0020 **Concrete Finishes** *(03 01 30 71-0001)*

03 01 30 71-0021 **Concrete Patching** *(03 01 30 71-0020)*

03 01 30 71-0022 **Walls** *(03 01 30 71-0021)*

03 01 30 71-0023	BAG	Sika Top 111 Plus Note: SikaTop 111 PLUS is a two-component, polymer-modified, portland-cement, fast-setting, screed mortar. Yield: Approximately 0.5 cu. ft./unit. Approximately 0.75 cu. ft./unit (SikaTop 111 + 42 Lb. of 3/8" pea gravel).		186.21
		For Up To 10, Add	*67.48*	
		For >10 To 25, Add	*40.49*	
		For >25 To 50, Add	*26.99*	
		For >50 To 75, Add	*13.50*	
03 01 30 71-0024	BAG	Sika Grout 212, 50 Lb. Bag Note: SikaGrout 212 is a non-shrink, cementitious grout with a unique 2-stage shrinkage compensating mechanism. It is non-metallic and contains no chloride. Coverage: Approximately 0.44 cu. ft./bag at high flow.		128.16
		For Up To 10, Add	*42.73*	
		For >10 To 25, Add	*25.64*	
		For >25 To 50, Add	*17.09*	
		For >50 To 75, Add	*8.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 01 30 71-0025	EA	Sika Flex 1A, 10.3 Ounce Tube Note: Sikaflex-1a is a premium-grade, high-performance, moisture-cured, 1-component, polyurethane-based, non-sag elastomeric sealant. Coverage: 10.3 fl. oz. cartridge seals 12.4 lineal ft. of 1/2 x 1/4 in. joint. 20 fl. oz. uni-pac sausage seals 24 lineal ft. of 1/2 x 1/4 in. joint.	44.04	
03 01 30 71-0026	BAG	Pea Gravel	33.13	

03 01 30 71-0027 Crack Repair For Concrete *(03 01 30 71-0001)*

03 01 30 71-0028 Non-Structural Crack Repair For Concrete *(03 01 30 71-0027)*

03 01 30 71-0029 Surface Applied, Non-Structural Crack Repair For Concrete *(03 01 30 71-0028)*

Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing sealer with caulk gun, cartridge gun, squeeze bottle, etc. Excludes backer rod and sanding.

03 01 30 71-0030	LF	Up To 1/4" Wide, Latex Emulsion, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal)	7.54	
		For Walls Instead Of Floors, Add	*0.73*	
		For V-Grooving Crack With Grinder, Add	*6.03*	
03 01 30 71-0031	LF	>1/4" To 1/2" Wide, Latex Emulsion, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal)	9.85	
		For Walls Instead Of Floors, Add	*0.94*	
		For V-Grooving Crack With Grinder, Add	*5.89*	
03 01 30 71-0032	LF	Up To 1/4" Wide, Sanded Acrylic Latex, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair)	7.68	
		For Walls Instead Of Floors, Add	*0.73*	
		For V-Grooving Crack With Grinder, Add	*6.03*	
03 01 30 71-0033	LF	>1/4" To 1/2" Wide, Sanded Acrylic Latex, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair)	10.14	
		For Walls Instead Of Floors, Add	*0.94*	
		For V-Grooving Crack With Grinder, Add	*5.89*	
03 01 30 71-0034	LF	Up To 1/4" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant)	8.22	
		For Walls Instead Of Floors, Add	*0.73*	
		For V-Grooving Crack With Grinder, Add	*6.03*	
03 01 30 71-0035	LF	>1/4" To 1/2" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant)	11.22	
		For Walls Instead Of Floors, Add	*0.94*	
		For V-Grooving Crack With Grinder, Add	*5.89*	
03 01 30 71-0036	LF	Up To 1/4" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix)	8.61	
		For Walls Instead Of Floors, Add	*0.73*	
		For V-Grooving Crack With Grinder, Add	*6.03*	
03 01 30 71-0037	LF	>1/4" To 1/2" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix)	12.00	
		For Walls Instead Of Floors, Add	*0.94*	
		For V-Grooving Crack With Grinder, Add	*5.89*	

03 01 30 71-0038 Pressure Injected, Non-Structural Crack Repair For Concrete *(03 01 30 71-0028)*

Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with polyurethane and restoring the sealed surface to flush conditions. Excludes disposal.

03 01 30 71-0039	LF	Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non-Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (SealBoss 1570)	33.75	
		For Walls Instead Of Floors, Add	*2.43*	
		For Cracks Accessible From Both Sides, Add	*6.87*	

03 01 30 71-0040 Structural Crack Repair For Concrete *(03 01 30 71-0027)*

03 01 30 71-0041 Surface Applied, Structural Crack Repair For Concrete *(03 01 30 71-0040)*

Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Excludes disposal.

03 01 30 71-0042	LF	Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35)	8.71	
		For Walls Instead Of Floors, Add	*0.73*	
		For V-Grooving Crack With Grinder, Add	*6.03*	
03 01 30 71-0043	LF	>1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35)	12.20	
		For Walls Instead Of Floors, Add	*0.94*	
		For V-Grooving Crack With Grinder, Add	*5.89*	
03 01 30 71-0044	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied Trowel (Sikadur® 52)	8.50	
		For Walls Instead Of Floors, Add	*0.73*	
		For V-Grooving Crack With Grinder, Add	*6.03*	
03 01 30 71-0045	LF	>1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 52)	11.78	
		For Walls Instead Of Floors, Add	*0.94*	
		For V-Grooving Crack With Grinder, Add	*5.89*	
03 01 30 71-0046	LF	Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix)	10.24	
		For Walls Instead Of Floors, Add	*0.73*	
		For V-Grooving Crack With Grinder, Add	*6.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 01 30 71-0047	LF	>1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix)	15.27	
		For Walls Instead Of Floors, Add	*0.94*	
		For V-Grooving Crack With Grinder, Add	*5.89*	

03 01 30 71-0048 Pressure Injected, Structural Crack Repair For Concrete *(03 01 30 71-0040)*

Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with epoxy and restoring the sealed surface to flush conditions. Excludes disposal.

03 01 30 71-0049	LF	Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 35)	29.57	
		For Walls Instead Of Floors, Add	*2.43*	
		For Cracks Accessible From Both Sides, Add	*6.87*	
03 01 30 71-0050	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 52)	29.36	
		For Walls Instead Of Floors, Add	*2.43*	
		For Cracks Accessible From Both Sides, Add	*6.87*	

03 01 30 71-0051 Carbon Fiber Strengthening System *(03 01 30 71-0001)*

Note: Includes preparing surface, dust and debris removal by hand, clean and protect adjacent area, fill voids, primer, fabric substrate layers, final coat of epoxy and finish. Excludes disposal.

03 01 30 71-0052	SF	Carbon Fiber Strengthening System For Concrete Beams, Per Layer Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	93.50	
		For >500 To 1,000, Deduct	*-6.12*	
		For >1,000 To 2,500, Deduct	*-8.28*	
		For >2,500, Deduct	*-10.80*	
03 01 30 71-0053	SF	Carbon Fiber Strengthening System For Concrete Columns, Per Layer Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	84.23	
		For >500 To 1,000, Deduct	*-5.43*	
		For >1,000 To 2,500, Deduct	*-7.36*	
		For >2,500, Deduct	*-9.64*	
03 01 30 71-0054	SF	Carbon Fiber Strengthening System For Concrete Ceiling Slabs, Per Layer Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	79.02	
		For >500 To 1,000, Deduct	*-5.04*	
		For >1,000 To 2,500, Deduct	*-6.84*	
		For >2,500, Deduct	*-8.99*	
03 01 30 71-0055	SF	Carbon Fiber Strengthening System For Concrete Walls, Per Layer Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	76.12	
		For >500 To 1,000, Deduct	*-4.82*	
		For >1,000 To 2,500, Deduct	*-6.55*	
		For >2,500, Deduct	*-8.63*	
03 01 30 71-0056	SF	Carbon Fiber Strengthening System For Concrete Slab, Per Layer Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	72.06	
		For >500 To 1,000, Deduct	*-4.52*	
		For >1,000 To 2,500, Deduct	*-6.14*	
		For >2,500, Deduct	*-8.12*	

03 01 30 71-0057 Concrete Rehabilitation *(03 01 30 71)*

03 01 30 71-0058 Corrosive Inhibitor *(03 01 30 71-0057)*

03 01 30 71-0059	SF	Corrosive Inhibitor	6.36	

03 01 30 72 Strengthening Of Cast-in-Place Concrete *(03 01 30)*

03 01 30 72-0001 Concrete Surface Repairs *(03 01 30 72)*

03 01 30 72-0002	SF	Sound The Concrete Surface To Locate Delaminated Areas	0.42	

03 05 Common Work Results For Concrete *(03)*

03 05 13 Concrete Admixtures *(03 05)*

03 05 13 00-0001 Concrete Admixtures *(03 05 13)*

03 05 13 00-0002	CY	Low Range Water Reducing (LRWR), Type A Concrete Admixture	8.28	
03 05 13 00-0003	CY	Set Retarding, Type B Concrete Admixture	5.73	
03 05 13 00-0004	CY	1% Calcium Chloride Accelerating, Type C Concrete Admixture	8.91	
03 05 13 00-0005	CY	2% Calcium Chloride Accelerating, Type C Concrete Admixture	17.83	
03 05 13 00-0006	CY	1% Non-Chloride Accelerating, Type C Concrete Admixture	15.92	
03 05 13 00-0007	CY	2% Non-Chloride Accelerating, Type C Concrete Admixture	31.83	
03 05 13 00-0008	CY	1% Water Reducing and Retarding (Hydration Stabilizer), Type D Concrete Admixture	6.88	
03 05 13 00-0009	CY	2% Water Reducing and Retarding (Hydration Stabilizer), Type D Concrete Admixture	13.41	
03 05 13 00-0010	CY	1% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture	9.55	
03 05 13 00-0011	CY	2% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture	19.10	
03 05 13 00-0012	CY	Mid Range Water Reducing (MRWR) Superplasticizer, Type A Or E Concrete Admixture	6.37	
03 05 13 00-0013	CY	High Range Water Reducing (HRWR) Superplasticizer, Type F Concrete Admixture	15.28	
03 05 13 00-0014	CY	1 Lb./CY Polyethylene, Polypropylene, Nylon, Synthetic Plastic Fibers, Concrete Admixture	13.58	
03 05 13 00-0015	CY	1-1/2 Lb./CY Polyethylene, Polypropylene, Nylon, Synthetic Plastic Fibers, Concrete Admixture	20.37	
03 05 13 00-0016	CY	25 Lb./CY Steel Fibers, Concrete Admixture	36.69	
03 05 13 00-0017	CY	10% Microsilica (Silica Fume), Concrete Admixture	101.86	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 05 13 00-0018	CY	Corrosion Inhibiting Concrete Admixture	38.20	
03 05 13 00-0019	CY	Winter Service Or Heat, Concrete Add	20.37	
03 05 13 00-0020	CY	Chilled Water, Concrete Add	20.37	
03 05 13 00-0021	CY	Subtle Color (See Davis Colors Color Card), Concrete Admixture	39.57	
03 05 13 00-0022	CY	Standard Color (See Davis Colors Color Card), Concrete Admixture	65.94	
03 05 13 00-0023	CY	Premium Color (See Davis Colors Color Card), Concrete Admixture	126.61	
03 05 13 00-0024	CY	Ultra Premium Color (See Davis Colors Color Card), Concrete Admixture	175.85	

03 10 Concrete Forming and Accessories *(03)*

03 11 Concrete Forming *(03 10)*

03 11 13 Structural Cast-In-Place Concrete Forming *(03 11)*

Note: Per square foot of formwork.

03 11 13 00-0001 Wood Formwork *(03 11 13)*

Note: For job built wood and/or plywood form systems where metal framed formwork cannot be used. Includes erecting, stripping, stacking, plywood, framing lumber, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.

03 11 13 00-0002 Foundation Wood Formwork *(03 11 13 00-0001)*

Note: For foundation work below or at grade.

03 11 13 00-0003	SF	Continuous Footings Foundation Wood Formwork	8.85
		For <1,000, Add	*1.63*
		For Foundations >8' Below Grade, Add	*1.56*
		For Curved Formwork, Add	*3.13*
03 11 13 00-0004	SF	Pile Cap, Pier Or Spread Footings Foundation Wood Formwork	10.50
		For <1,000, Add	*1.96*
		For Foundations >8' Below Grade, Add	*1.88*
		For Curved Formwork, Add	*3.77*
03 11 13 00-0005	SF	Mat Foundation Wood Formwork	11.94
		For <1,000, Add	*2.27*
		For Foundations >8' Below Grade, Add	*2.21*
		For Curved Formwork, Add	*4.42*
03 11 13 00-0006	SF	Grade Beams Or Duct Bank Foundation Wood Formwork	9.91
		For <1,000, Add	*1.86*
		For Foundations >8' Below Grade, Add	*1.80*
		For Curved Formwork, Add	*3.61*
03 11 13 00-0007	SF	Below Grade Walls Foundation Wood Formwork Note: Excludes footing	14.14
		For <1,000, Add	*2.65*
		For Foundations >8' Below Grade, Add	*2.56*
		For Curved Formwork, Add	*5.11*

03 11 13 00-0008 Slab Edge And Block-Out Wood Formwork *(03 11 13 00-0001)*

03 11 13 00-0009	LF	Up To 6" High Slab Edge and Block-Out Wood Formwork	6.76
		For Foundations >8' Below Grade, Add	*1.24*
		For Curved Formwork, Add	*2.49*
		For Up To 250, Add	*1.28*
03 11 13 00-0010	LF	>6" To 12" High Slab Edge and Block-Out Wood Formwork	9.77
		For Foundations >8' Below Grade, Add	*1.74*
		For Curved Formwork, Add	*3.48*
		For Up To 250, Add	*1.81*
03 11 13 00-0011	SF	>12" High Slab Edge and Block-Out Wood Formwork	12.40
		For Foundations >8' Below Grade, Add	*2.24*
		For Curved Formwork, Add	*4.49*
		For <1,000, Add	*2.32*

03 11 13 00-0012 Column Wood Formwork *(03 11 13 00-0001)*

03 11 13 00-0013	LF	Up To 8" Square Column Wood Formwork	52.73
03 11 13 00-0014	LF	>8" To 12" Square Column Wood Formwork	76.57
03 11 13 00-0015	LF	>12" To 18" Square Column Wood Formwork	95.77
03 11 13 00-0016	LF	>18" To 24" Square Column Wood Formwork	136.71
03 11 13 00-0017	LF	>24" To 36" Square Column Wood Formwork	195.88
03 11 13 00-0018	LF	>36" To 48" Square Column Wood Formwork	258.13

03 11 13 00-0019 Above Grade Wall Wood Formwork *(03 11 13 00-0001)*

03 11 13 00-0020	SF	Up To 8' High Above Grade Wall Wood Formwork	15.78
		For Curved Formwork, Add	*5.77*
		For <1,000, Add	*2.97*
03 11 13 00-0021	SF	>8' High Above Grade Wall Wood Formwork	18.71
		For Curved Formwork, Add	*6.85*
		For <1,000, Add	*3.53*

03 11 13 00-0022 Elevated Beam Wood Formwork *(03 11 13 00-0001)*

Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.

03 11 13 00-0023	SF	Bottom of Elevated Beam Wood Formwork	20.65
		For Curved Formwork, Add	*7.52*
		For <1,000, Add	*3.88*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0024	SF	Vertical Sides of Elevated Beam Wood Formwork	13.05	
		For Curved Formwork, Add	*4.79*	
		For <1,000, Add	*2.47*	

03 11 13 00-0025 Elevated Slab Wood Formwork *(03 11 13 00-0001)*

Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.

03 11 13 00-0026	SF	Elevated Slab Wood Formwork	12.30	
		For <1,000, Add	*2.23*	

03 11 13 00-0027 Metal Framed Formwork *(03 11 13)*

Note: For all metal framed and metal form systems. Includes erecting, stripping, stacking, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.

03 11 13 00-0028 Foundation Metal Framed Formwork *(03 11 13 00-0027)*

Note: For foundation work below or at grade.

03 11 13 00-0029	SF	Continuous Footings Foundation Metal Framed Formwork	8.64	
		For <1,000, Add	*1.53*	
		For Foundations >8' Below Grade, Add	*1.42*	
		For Curved Formwork, Add	*2.85*	
03 11 13 00-0030	SF	Pile Cap, Pier Or Spread Footings Foundation Metal Framed Formwork	9.52	
		For <1,000, Add	*1.70*	
		For Foundations >8' Below Grade, Add	*1.59*	
		For Curved Formwork, Add	*3.19*	
03 11 13 00-0031	SF	Mat Foundation Metal Framed Formwork	10.78	
		For <1,000, Add	*1.90*	
		For Foundations >8' Below Grade, Add	*1.77*	
		For Curved Formwork, Add	*3.53*	
03 11 13 00-0032	SF	Grade Beams Or Duct Bank Foundation Metal Framed Formwork	9.11	
		For <1,000, Add	*1.60*	
		For Foundations >8' Below Grade, Add	*1.49*	
		For Curved Formwork, Add	*2.97*	
03 11 13 00-0033	SF	Below Grade Walls Foundation Metal Framed Formwork Note: Excludes footing.	13.65	
		For <1,000, Add	*2.45*	
		For Foundations >8' Below Grade, Add	*2.31*	
		For Curved Formwork, Add	*4.62*	

03 11 13 00-0034 Slab Edge And Block-Out Metal Framed Formwork *(03 11 13 00-0027)*

03 11 13 00-0035	LF	Up To 6" High Slab Edge and Block-Out Metal Framed Formwork	5.85	
		For Foundations >8' Below Grade, Add	*1.13*	
		For Curved Formwork, Add	*2.26*	
		For <250, Add	*1.14*	
03 11 13 00-0036	LF	>6" To 12" High Slab Edge and Block-Out Metal Framed Formwork	7.35	
		For Foundations >8' Below Grade, Add	*1.40*	
		For Curved Formwork, Add	*2.81*	
		For <250, Add	*1.43*	
03 11 13 00-0037	SF	>12" High Slab Edge and Block-Out Metal Framed Formwork	8.15	
		For Foundations >8' Below Grade, Add	*1.55*	
		For Curved Formwork, Add	*3.10*	
		For <1,000, Add	*1.58*	

03 11 13 00-0038 Column Metal Framed Formwork *(03 11 13 00-0027)*

03 11 13 00-0039 Square Columns *(03 11 13 00-0038)*

03 11 13 00-0040	LF	Up To 12" Square Column Metal Framed Formwork	54.55	
03 11 13 00-0041	LF	>12" To 16" Square Column Metal Framed Formwork	66.23	
03 11 13 00-0042	LF	>16" To 20" Square Column Metal Framed Formwork	77.95	
03 11 13 00-0043	LF	>20" To 24" Square Column Metal Framed Formwork	92.98	
03 11 13 00-0044	LF	>24" To 30" Square Column Metal Framed Formwork	112.18	
03 11 13 00-0045	LF	>30" To 36" Square Column Metal Framed Formwork	135.00	
03 11 13 00-0046	LF	>36" To 48" Square Column Metal Framed Formwork	173.42	
03 11 13 00-0047	LF	>48" To 60" Square Column Metal Framed Formwork	214.34	

03 11 13 00-0048 Round Columns *(03 11 13 00-0038)*

03 11 13 00-0049	LF	Up To 12" Diameter Column Metal Formwork	62.54	
03 11 13 00-0050	LF	>12" To 16" Diameter Column Metal Formwork	68.85	
03 11 13 00-0051	LF	>16" To 20" Diameter Column Metal Formwork	78.25	
03 11 13 00-0052	LF	>20" To 24" Diameter Column Metal Formwork	89.86	
03 11 13 00-0053	LF	>24" To 30" Diameter Column Metal Formwork	105.19	
03 11 13 00-0054	LF	>30" To 36" Diameter Column Metal Formwork	119.81	
03 11 13 00-0055	LF	>36" To 48" Diameter Column Metal Formwork	158.70	
03 11 13 00-0056	LF	>48" To 60" Diameter Column Metal Formwork	215.43	

03 11 13 00-0057 Above Grade Wall Metal Framed Formwork *(03 11 13 00-0027)*

03 11 13 00-0058	SF	Up to 8' High Above Grade Wall Metal Framed Formwork	8.80	
		For Curved Formwork, Add	*2.68*	
		For <1,000, Add	*1.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0059	SF	>8' High Above Grade Wall Metal Framed Formwork	10.82	
		For Curved Formwork, Add	*3.24*	
		For <1,000, Add	*1.80*	
03 11 13 00-0060		**Elevated Beam Metal Framed Formwork** *(03 11 13 00-0027)*		
		Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.		
03 11 13 00-0061	SF	Bottom of Elevated Beam Metal Framed Formwork	8.69	
		For Curved Formwork, Add	*2.50*	
		For <1,000, Add	*1.41*	
03 11 13 00-0062	SF	Vertical Sides of Elevated Beam Metal Framed Formwork	6.61	
		For Curved Formwork, Add	*1.97*	
		For <1,000, Add	*1.10*	
03 11 13 00-0063		**Elevated Slab Metal Framed Formwork** *(03 11 13 00-0027)*		
		Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.		
03 11 13 00-0064	SF	Elevated Slab Metal Framed Formwork	11.83	
		For <1,000, Add	*1.73*	
03 11 13 00-0065		**Fiber Tube Formwork** *(03 11 13)*		
		Note: Includes all supporting braces, erecting, aligning, stripping, turnbuckles, ties and clips.		
03 11 13 00-0066		**Round Column Fiber Tube Formwork** *(03 11 13 00-0065)*		
03 11 13 00-0067	LF	6" Diameter Round Fiber Tube Formwork	20.76	
		For Plastic Lined, Add	*0.88*	
		For Columns >12' In Length, Add	*2.08*	
03 11 13 00-0068	LF	8" Diameter Round Fiber Tube Formwork	21.98	
		For Plastic Lined, Add	*1.04*	
		For Columns >12' In Length, Add	*2.20*	
03 11 13 00-0069	LF	10" Diameter Round Fiber Tube Formwork	24.45	
		For Plastic Lined, Add	*1.25*	
		For Columns >12' In Length, Add	*2.45*	
03 11 13 00-0070	LF	12" Diameter Round Fiber Tube Formwork	30.49	
		For Plastic Lined, Add	*2.23*	
		For Columns >12' In Length, Add	*3.05*	
03 11 13 00-0071	LF	14" Diameter Round Fiber Tube Formwork	34.35	
		For Plastic Lined, Add	*2.82*	
		For Columns >12' In Length, Add	*3.44*	
03 11 13 00-0072	LF	16" Diameter Round Fiber Tube Formwork	37.56	
		For Plastic Lined, Add	*3.51*	
		For Columns >12' In Length, Add	*3.76*	
03 11 13 00-0073	LF	18" Diameter Round Fiber Tube Formwork	40.55	
		For Plastic Lined, Add	*4.11*	
		For Columns >12' In Length, Add	*4.06*	
03 11 13 00-0074	LF	20" Diameter Round Fiber Tube Formwork	46.47	
		For Plastic Lined, Add	*5.58*	
		For Columns >12' In Length, Add	*4.65*	
03 11 13 00-0075	LF	22" Diameter Round Fiber Tube Formwork	48.63	
		For Plastic Lined, Add	*5.81*	
		For Columns >12' In Length, Add	*4.86*	
03 11 13 00-0076	LF	24" Diameter Round Fiber Tube Formwork	51.08	
		For Plastic Lined, Add	*6.13*	
		For Columns >12' In Length, Add	*5.11*	
03 11 13 00-0077	LF	26" Diameter Round Fiber Tube Formwork	53.26	
		For Plastic Lined, Add	*6.62*	
		For Columns >12' In Length, Add	*5.33*	
03 11 13 00-0078	LF	28" Diameter Round Fiber Tube Formwork	55.42	
		For Plastic Lined, Add	*7.10*	
		For Columns >12' In Length, Add	*5.54*	
03 11 13 00-0079	LF	30" Diameter Round Fiber Tube Formwork	57.60	
		For Plastic Lined, Add	*7.59*	
		For Columns >12' In Length, Add	*5.76*	
03 11 13 00-0080	LF	36" Diameter Round Fiber Tube Formwork	66.86	
		For Plastic Lined, Add	*9.76*	
		For Columns >12' In Length, Add	*6.69*	
03 11 13 00-0081	LF	42" Diameter Round Fiber Tube Formwork	107.09	
		For Plastic Lined, Add	*21.40*	
		For Columns >12' In Length, Add	*10.71*	
03 11 13 00-0082	LF	48" Diameter Round Fiber Tube Formwork	131.08	
		For Plastic Lined, Add	*28.16*	
		For Columns >12' In Length, Add	*13.11*	
03 11 13 00-0083	LF	54" Diameter Round Fiber Tube Formwork	239.10	
		For Plastic Lined, Add	*59.87*	
		For Columns >12' In Length, Add	*23.91*	
03 11 13 00-0084	LF	60" Diameter Round Fiber Tube Formwork	266.55	
		For Plastic Lined, Add	*67.56*	
		For Columns >12' In Length, Add	*26.66*	
03 11 13 00-0085		**Accessories For Formwork** *(03 11 13)*		
03 11 13 00-0086		**Keyway Forms, All Materials** *(03 11 13 00-0085)*		
03 11 13 00-0087	LF	2" x 4" To 2" x 6" Keyway Forms for Concrete Formwork, All Materials	2.34	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0088		Chamfer Strips, All Materials *(03 11 13 00-0085)*		
03 11 13 00-0089	LF	1/2" Wide Chamfer Strips for Concrete Formwork, All Materials	2.47	
03 11 13 00-0090	LF	3/4" Wide Chamfer Strips for Concrete Formwork, All Materials	2.87	
03 11 13 00-0091	LF	1" Wide Chamfer Strips for Concrete Formwork, All Materials	3.32	
03 11 13 00-0092		Sleeves And Chases, Plastic Or Sheet Metal *(03 11 13 00-0085)*		
03 11 13 00-0093	EA	2" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	14.12	
03 11 13 00-0094	EA	4" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	17.23	
03 11 13 00-0095	EA	6" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	20.85	
03 11 13 00-0096	EA	8" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	23.93	
03 11 13 00-0097	EA	12" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	30.91	
03 11 13 00-0098	EA	18" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	69.81	
03 11 16		**Architectural Cast-In-Place Concrete Forming** *(03 11)*		
03 11 16 13		**Concrete Form Liners** *(03 11 16)*		
03 11 16 13-0001		Concrete Form Liners *(03 11 16 13)*		
03 11 16 13-0002	SF	Various Patterns And Textures, 1 Use, Concrete Form Liner, Add To Formwork	6.00	
03 11 16 13-0003	SF	Beveled Edge, Rusticated Concrete Finish, 1 Use, Concrete Form Liner, Add To Formwork	7.85	
03 11 16 13-0004	SF	Square Edge, Rusticated Concrete Finish, 1 Use, Concrete Form Liner, Add To Formwork	10.30	
03 11 23		**Permanent Stair Forming** *(03 11)*		
03 11 23 00-0001		Stairway Wood Formwork *(03 11 23)*		
03 11 23 00-0002	SF	Cast On Grade Stairway Wood Formwork	20.08	
		For Curved Formwork, Add	*7.67*	
		For <1,000, Add	*3.90*	
03 11 23 00-0003	SF	Elevated Stairway Wood Formwork	39.33	
		Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.		
		For Curved Formwork, Add	*14.85*	
		For <1,000, Add	*7.57*	
03 11 23 00-0004		Stairway Metal Framed Formwork *(03 11 23)*		
03 11 23 00-0005	SF	Cast On Grade Stairway Metal Framed Formwork	17.15	
		For Curved Formwork, Add	*6.29*	
		For <1,000, Add	*3.24*	
03 11 23 00-0006	SF	Elevated Stairway Metal Framed Formwork	31.42	
		Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.		
		For Curved Formwork, Add	*11.65*	
		For <1,000, Add	*5.98*	
03 15		**Concrete Accessories** *(03 10)*		
03 15 13		**Waterstops** *(03 15)*		
03 15 13 13		**Non-Expanding Waterstops** *(03 15 13)*		
03 15 13 13-0001		Polyvinyl Chloride (PVC) Waterstops *(03 15 13 13)*		
03 15 13 13-0002	LF	3/16" Thick x 4" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop	9.14	
03 15 13 13-0003	LF	3/16" Thick x 6" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop	10.28	
03 15 13 13-0004	LF	3/16" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb	12.40	
03 15 13 13-0005	LF	3/8" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb	13.63	
03 15 13 13-0006	LF	1/2" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop	20.59	
03 15 13 13-0007	LF	3/16" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop	10.11	
03 15 13 13-0008	LF	3/8" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop	12.63	
03 15 13 13-0009	LF	3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop	22.51	
03 15 13 13-0010	LF	3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop With Center Bulb	17.73	
03 15 13 13-0011		Rubber Waterstops *(03 15 13 13)*		
03 15 13 13-0012	LF	3/8" Thick x 6" Wide Rubber Dumbbell Waterstop	10.11	
03 15 13 13-0013	LF	3/8" Thick x 9" Wide Rubber Dumbbell Waterstop	11.59	
03 15 13 13-0014	LF	1/4" Thick x 6" Wide Rubber Waterstop, With Center Bulb	10.55	
03 15 13 13-0015	LF	1/4" Thick x 9" Wide Rubber Waterstop, With Center Bulb	14.42	
03 15 13 13-0016	LF	3/8" Thick x 6" Wide Rubber Waterstop, With Center Bulb	11.99	
03 15 13 13-0017	LF	3/8" Thick x 9" Wide Rubber Waterstop, With Center Bulb	15.33	
03 15 13 16		**Expanding Waterstops** *(03 15 13)*		
03 15 13 16-0001		Bentonite Waterstops *(03 15 13 16)*		
03 15 13 16-0002	LF	3/4" x 3/8" Bentonite Waterstop	8.12	
03 15 13 16-0003	LF	1-1/4" x 1/2" Bentonite Waterstop	12.48	
03 15 13 16-0004	LF	1" x 3/4" Bentonite Waterstop	14.03	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 13 16-0005	LF	1" x 1" Bentonite Waterstop	15.90	

03 15 16 Concrete Construction Joints *(03 15)*

03 15 16 00-0001 Poured Expansion Joint *(03 15 16)*

03 15 16 00-0002	LF	1/2" x 1" Plain Asphalt Expansion Joint, Poured	3.66	1.04
		For Installation In Walls, Add	*1.75*	
03 15 16 00-0003	LF	1" x 2" Plain Asphalt Expansion Joint, Poured	8.00	1.04
		For Installation In Walls, Add	*1.97*	
03 15 16 00-0004	LF	1/2" x 1" Liquid Neoprene Expansion Joint, Poured, Cold Applied	4.22	1.04
		For Installation In Walls, Add	*1.75*	
03 15 16 00-0005	LF	1" x 2" Liquid Neoprene Expansion Joint, Poured, Cold Applied	10.21	1.04
		For Installation In Walls, Add	*1.97*	
03 15 16 00-0006	LF	1/2" x 1" Polyurethane Expansion Joint, Poured, 2 Parts	6.13	1.04
		For Installation In Walls, Add	*1.97*	
03 15 16 00-0007	LF	1" x 2" Polyurethane Expansion Joint, Poured, Poured, 2 Parts	11.22	1.04
		For Installation In Walls, Add	*3.18*	
03 15 16 00-0008	LF	1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Or Cold Applied	4.05	1.04
		For Installation In Walls, Add	*1.75*	
03 15 16 00-0009	LF	1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant	4.94	1.04
		For Installation In Walls, Add	*1.75*	
03 15 16 00-0010	LF	1" x 2" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant	12.60	1.04
		For Installation In Walls, Add	*1.97*	

03 15 16 00-0011 Premolded Expansion Joints *(03 15 16)*

03 15 16 00-0012 Asphalt Saturated Fiber, Premolded Expansion Joints *(03 15 16 00-0011)*

03 15 16 00-0013	LF	1/4" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.52	1.15
03 15 16 00-0014	LF	1/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.92	1.21
03 15 16 00-0015	LF	1/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	3.17	1.27
03 15 16 00-0016	LF	1/4" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	3.42	1.32
03 15 16 00-0017	LF	3/8" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.78	1.15
03 15 16 00-0018	LF	3/8" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	3.13	1.21
03 15 16 00-0019	LF	3/8" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	3.55	1.27
03 15 16 00-0020	LF	3/8" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	4.14	1.32
03 15 16 00-0021	LF	1/2" x 2" Asphalt Saturated Fiber, Premolded Expansion Joint	2.50	1.10
03 15 16 00-0022	LF	1/2" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.74	1.15
03 15 16 00-0023	LF	1/2" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	3.02	1.21
03 15 16 00-0024	LF	1/2" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	3.27	1.27
03 15 16 00-0025	LF	1/2" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	3.56	1.32
03 15 16 00-0026	LF	1/2" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint	3.97	1.38
03 15 16 00-0027	LF	1/2" x 10" Asphalt Saturated Fiber, Premolded Expansion Joint	4.29	1.44
03 15 16 00-0028	LF	1/2" x 12" Asphalt Saturated Fiber, Premolded Expansion Joint	4.85	1.50
03 15 16 00-0029	LF	3/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	3.05	1.21
03 15 16 00-0030	LF	3/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	3.53	1.27
03 15 16 00-0031	LF	3/4" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint	4.36	1.38
03 15 16 00-0032	SF	1" Asphalt Saturated Fiber, Premolded Expansion Joint	7.69	1.90

03 15 16 00-0033 Cork, Premolded Expansion Joints *(03 15 16 00-0011)*

03 15 16 00-0034	LF	1/2" x 4" Cork, Premolded Expansion Joint	4.52	1.21
03 15 16 00-0035	LF	1/2" x 6" Cork, Premolded Expansion Joint	5.09	1.32
03 15 16 00-0036	LF	1/2" x 8" Cork, Premolded Expansion Joint	5.54	1.38
03 15 16 00-0037	LF	1/2" x 10" Cork, Premolded Expansion Joint	7.92	1.44
03 15 16 00-0038	LF	1/2" x 12" Cork, Premolded Expansion Joint	8.43	1.50
03 15 16 00-0039	SF	1/2" Cork, Premolded Expansion Joint	9.24	1.90
03 15 16 00-0040	SF	3/4" Cork, Premolded Expansion Joint	10.80	1.90
03 15 16 00-0041	SF	1" Cork, Premolded Expansion Joint	11.52	1.90

03 15 16 00-0042 Flexible Polyethylene Foam, Premolded Expansion Joints *(03 15 16 00-0011)*

03 15 16 00-0043	LF	1/4" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint	2.75	1.21
03 15 16 00-0044	LF	1/4" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint	2.87	1.27
03 15 16 00-0045	LF	1/4" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint	3.03	1.32
03 15 16 00-0046	LF	1/4" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint	3.56	1.38
03 15 16 00-0047	LF	1/2" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint	2.84	1.21
03 15 16 00-0048	LF	1/2" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint	2.97	1.27
03 15 16 00-0049	LF	1/2" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint	3.09	1.32
03 15 16 00-0050	LF	1/2" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint	3.41	1.38

03 15 16 00-0051 Zip Strip, Premolded Expansion Joints *(03 15 16 00-0011)*

03 15 16 00-0052	LF	1" Zip Strip, Premolded Expansion Joint	2.78	1.21
03 15 16 00-0053	LF	1-1/2" Zip Strip, Premolded Expansion Joint	3.06	1.27
03 15 16 00-0054	LF	2" Zip Strip, Premolded Expansion Joint	3.40	1.38

03 15 16 00-0055 Sponge Rubber, Premolded Expansion Joints *(03 15 16 00-0011)*

03 15 16 00-0056	LF	1/2" x 4" Sponge Rubber, Premolded Expansion Joint	4.65	1.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 16 00-0057	LF	1/2" x 6" Sponge Rubber, Premolded Expansion Joint	5.58	1.15
03 15 16 00-0058		**Asphalt Felt Control Joints Or Bond Breaker** *(03 15 16)*		
03 15 16 00-0059	SF	Asphalt Felt Control Joint, 30 Lb. Felt Bond Breaker	1.33	0.87
		>1,250, Deduct	*-0.07*	
03 15 16 00-0060	SF	Asphalt Felt Control Joint, 15 Lb. Felt Bond Breaker	1.24	0.87
		>1,250, Deduct	*-0.06*	
03 15 16 00-0061		**Keyed Cold Expansion And Control Joints** *(03 15 16)*		
03 15 16 00-0062		**24 Gauge Galvanized Steel With Stakes** *(03 15 16 00-0061)*		
03 15 16 00-0063	LF	24 Gauge Galvanized Steel Keyed Joint, 3-1/2" Cold Expansion Or Control Joint	6.60	
03 15 16 00-0064	LF	24 Gauge Galvanized Steel Keyed Joint, 4-1/2" Cold Expansion Or Control Joint	6.73	
03 15 16 00-0065	LF	24 Gauge Galvanized Steel Keyed Joint, 5-1/2" Cold Expansion Or Control Joint	6.96	
03 15 16 00-0066	LF	24 Gauge Galvanized Steel Keyed Joint, 7-1/2" Cold Expansion Or Control Joint	7.40	
03 15 16 00-0067	LF	24 Gauge Galvanized Steel Keyed Joint, 9-1/2" Cold Expansion Or Control Joint	9.27	
03 15 19		**Cast-In Concrete Anchors** *(03 15)*		
03 15 19 00-0001		**Cast In Place Anchors** *(03 15 19)*		
		Note: For cast in place installations. Includes nut and washer.		
03 15 19 00-0002		**J-Type Anchor Bolts** *(03 15 19 00-0001)*		
		See CSI section 03 11 13 00-0002 for template.		
03 15 19 00-0003		**1/2" And 5/8" Diameter** *(03 15 19 00-0002)*		
03 15 19 00-0004	EA	1/2" Diameter x 6" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	14.13	
		For Galvanized, Add	*3.80*	
		For Stainless Steel, Add	*26.57*	
		For >10 To 50, Deduct	*-0.33*	
		For >50 To 100, Deduct	*-0.84*	
		For >100, Deduct	*-1.69*	
03 15 19 00-0005	EA	1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	16.72	
		For Galvanized, Add	*4.84*	
		For Stainless Steel, Add	*33.85*	
		For >10 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.95*	
		For >100, Deduct	*-1.89*	
03 15 19 00-0006	EA	1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	20.95	
		For Galvanized, Add	*6.66*	
		For Stainless Steel, Add	*46.62*	
		For >10 To 50, Deduct	*-0.38*	
		For >50 To 100, Deduct	*-1.10*	
		For >100, Deduct	*-2.19*	
03 15 19 00-0007	EA	5/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	25.03	
		For Galvanized, Add	*8.70*	
		For Stainless Steel, Add	*60.90*	
		For >10 To 50, Deduct	*-0.38*	
		For >50 To 100, Deduct	*-1.20*	
		For >100, Deduct	*-2.40*	
03 15 19 00-0008	EA	5/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	31.56	
		For Galvanized, Add	*11.62*	
		For Stainless Steel, Add	*81.31*	
		For >10 To 50, Deduct	*-0.42*	
		For >50 To 100, Deduct	*-1.41*	
		For >100, Deduct	*-2.83*	
03 15 19 00-0009	EA	5/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	35.71	
		For Galvanized, Add	*13.28*	
		For Stainless Steel, Add	*92.93*	
		For >10 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-1.58*	
		For >100, Deduct	*-3.16*	
03 15 19 00-0010		**3/4" And 7/8" Diameter** *(03 15 19 00-0002)*		
03 15 19 00-0011	EA	3/4" Diameter x 8" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	35.52	
		For Galvanized, Add	*13.18*	
		For Stainless Steel, Add	*92.26*	
		For >10 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-1.58*	
		For >100, Deduct	*-3.15*	
03 15 19 00-0012	EA	3/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	40.91	
		For Galvanized, Add	*15.37*	
		For Stainless Steel, Add	*107.56*	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.79*	
		For >100, Deduct	*-3.57*	
03 15 19 00-0013	EA	3/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	50.81	
		For Galvanized, Add	*19.68*	
		For Stainless Steel, Add	*137.76*	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-2.13*	
		For >100, Deduct	*-4.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0014	EA	3/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	62.43	
		For Galvanized, Add	*24.80*	
		For Stainless Steel, Add	*173.60*	
		For >10 To 50, Deduct	*-0.64*	
		For >50 To 100, Deduct	*-2.52*	
		For >100, Deduct	*-5.05*	
03 15 19 00-0015	EA	7/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	47.49	
		For Galvanized, Add	*18.02*	
		For Stainless Steel, Add	*126.14*	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-2.05*	
		For >100, Deduct	*-4.09*	
03 15 19 00-0016	EA	7/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	56.23	
		For Galvanized, Add	*21.58*	
		For Stainless Steel, Add	*151.03*	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-2.39*	
		For >100, Deduct	*-4.77*	
03 15 19 00-0017	EA	7/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	72.78	
		For Galvanized, Add	*28.76*	
		For Stainless Steel, Add	*201.32*	
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-2.96*	
		For >100, Deduct	*-5.93*	

03 15 19 00-0018 1" And 1-1/8" Diameter *(03 15 19 00-0002)*

03 15 19 00-0019	EA	1" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	59.69	
		For Galvanized, Add	*23.31*	
		For Stainless Steel, Add	*163.14*	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-2.47*	
		For >100, Deduct	*-4.95*	
03 15 19 00-0020	EA	1" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	71.35	
		For Galvanized, Add	*28.05*	
		For Stainless Steel, Add	*196.32*	
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-2.93*	
		For >100, Deduct	*-5.86*	
03 15 19 00-0021	EA	1" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	88.63	
		For Galvanized, Add	*35.16*	
		For Stainless Steel, Add	*246.12*	
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-3.59*	
		For >100, Deduct	*-7.18*	
03 15 19 00-0022	EA	1" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	108.81	
		For Galvanized, Add	*42.96*	
		For Stainless Steel, Add	*300.72*	
		For >10 To 50, Deduct	*-1.14*	
		For >50 To 100, Deduct	*-4.44*	
		For >100, Deduct	*-8.87*	
03 15 19 00-0023	EA	1-1/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	72.63	
		For Galvanized, Add	*29.14*	
		For Stainless Steel, Add	*203.95*	
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-2.89*	
		For >100, Deduct	*-5.79*	
03 15 19 00-0024	EA	1-1/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	86.88	
		For Galvanized, Add	*35.07*	
		For Stainless Steel, Add	*245.46*	
		For >10 To 50, Deduct	*-0.84*	
		For >50 To 100, Deduct	*-3.43*	
		For >100, Deduct	*-6.86*	
03 15 19 00-0025	EA	1-1/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	108.01	
		For Galvanized, Add	*43.96*	
		For Stainless Steel, Add	*307.69*	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-4.21*	
		For >100, Deduct	*-8.42*	
03 15 19 00-0026	EA	1-1/8" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	132.53	
		For Galvanized, Add	*53.70*	
		For Stainless Steel, Add	*375.90*	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-5.20*	
		For >100, Deduct	*-10.40*	

03 15 19 00-0027 1-1/4" And 1-1/2" Diameter *(03 15 19 00-0002)*

03 15 19 00-0028	EA	1-1/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	88.74	
		For Galvanized, Add	*36.42*	
		For Stainless Steel, Add	*254.91*	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-3.41*	
		For >100, Deduct	*-6.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0029	EA	1-1/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	106.22	
		For Galvanized, Add	*43.84*	
		For Stainless Steel, Add	*306.85*	
		For >10 To 50, Deduct	*-0.93*	
		For >50 To 100, Deduct	*-4.05*	
		For >100, Deduct	*-8.09*	
03 15 19 00-0030	EA	1-1/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	132.18	
		For Galvanized, Add	*54.96*	
		For Stainless Steel, Add	*384.69*	
		For >10 To 50, Deduct	*-1.11*	
		For >50 To 100, Deduct	*-4.97*	
		For >100, Deduct	*-9.95*	
03 15 19 00-0031	EA	1-1/4" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	162.06	
		For Galvanized, Add	*67.12*	
		For Stainless Steel, Add	*469.81*	
		For >10 To 50, Deduct	*-1.39*	
		For >50 To 100, Deduct	*-6.14*	
		For >100, Deduct	*-12.28*	
03 15 19 00-0032	EA	1-1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	108.88	
		For Galvanized, Add	*45.52*	
		For Stainless Steel, Add	*318.64*	
		For >10 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-4.06*	
		For >100, Deduct	*-8.12*	
03 15 19 00-0033	EA	1-1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	130.39	
		For Galvanized, Add	*54.79*	
		For Stainless Steel, Add	*383.53*	
		For >10 To 50, Deduct	*-1.04*	
		For >50 To 100, Deduct	*-4.82*	
		For >100, Deduct	*-9.64*	
03 15 19 00-0034	EA	1-1/2" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	162.39	
		For Galvanized, Add	*68.71*	
		For Stainless Steel, Add	*480.94*	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-5.93*	
		For >100, Deduct	*-11.87*	
03 15 19 00-0035	EA	1-1/2" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	199.02	
		For Galvanized, Add	*83.91*	
		For Stainless Steel, Add	*587.34*	
		For >10 To 50, Deduct	*-1.56*	
		For >50 To 100, Deduct	*-7.32*	
		For >100, Deduct	*-14.63*	

03 15 19 00-0036 L-Type Anchor Bolts *(03 15 19 00-0001)*

See CSI section 03 11 13 00-0002 for template.

03 15 19 00-0037 3/4" And 7/8" Diameter *(03 15 19 00-0036)*

03 15 19 00-0038	EA	3/4" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	30.33	
		For Galvanized, Add	*10.08*	
		For Stainless Steel, Add	*70.53*	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.52*	
		For >100, Deduct	*-3.04*	
03 15 19 00-0039	EA	3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	36.34	
		For Galvanized, Add	*12.45*	
		For Stainless Steel, Add	*87.12*	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.77*	
		For >100, Deduct	*-3.53*	
03 15 19 00-0040	EA	3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	41.62	
		For Galvanized, Add	*14.27*	
		For Stainless Steel, Add	*99.89*	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-2.02*	
		For >100, Deduct	*-4.04*	
03 15 19 00-0041	EA	3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	44.90	
		For Galvanized, Add	*14.82*	
		For Stainless Steel, Add	*103.74*	
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-2.27*	
		For >100, Deduct	*-4.53*	
03 15 19 00-0042	EA	3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	49.41	
		For Galvanized, Add	*15.55*	
		For Stainless Steel, Add	*108.85*	
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-2.61*	
		For >100, Deduct	*-5.22*	
03 15 19 00-0043	EA	7/8" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	36.44	
		For Galvanized, Add	*12.50*	
		For Stainless Steel, Add	*87.47*	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.77*	
		For >100, Deduct	*-3.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0044	EA	7/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	42.19	
		For Galvanized, Add	*14.56*	
		For Stainless Steel, Add	*101.89*	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-2.04*	
		For >100, Deduct	*-4.07*	
03 15 19 00-0045	EA	7/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	48.64	
		For Galvanized, Add	*16.69*	
		For Stainless Steel, Add	*116.83*	
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-2.36*	
		For >100, Deduct	*-4.72*	
03 15 19 00-0046	EA	7/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	52.97	
		For Galvanized, Add	*17.33*	
		For Stainless Steel, Add	*121.31*	
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-2.70*	
		For >100, Deduct	*-5.40*	
03 15 19 00-0047	EA	7/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	59.31	
		For Galvanized, Add	*18.21*	
		For Stainless Steel, Add	*127.47*	
		For >10 To 50, Deduct	*-1.14*	
		For >50 To 100, Deduct	*-3.20*	
		For >100, Deduct	*-6.40*	
03 15 19 00-0048		1" And 1-1/8" Diameter *(03 15 19 00-0036)*		
03 15 19 00-0049	EA	1" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	45.13	
		For Galvanized, Add	*16.03*	
		For Stainless Steel, Add	*112.18*	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-2.11*	
		For >100, Deduct	*-4.22*	
03 15 19 00-0050	EA	1" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	51.30	
		For Galvanized, Add	*18.02*	
		For Stainless Steel, Add	*126.14*	
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-2.43*	
		For >100, Deduct	*-4.85*	
03 15 19 00-0051	EA	1" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	58.61	
		For Galvanized, Add	*20.15*	
		For Stainless Steel, Add	*141.05*	
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-2.84*	
		For >100, Deduct	*-5.68*	
03 15 19 00-0052	EA	1" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	62.10	
		For Galvanized, Add	*21.10*	
		For Stainless Steel, Add	*147.70*	
		For >10 To 50, Deduct	*-1.00*	
		For >50 To 100, Deduct	*-3.05*	
		For >100, Deduct	*-6.09*	
03 15 19 00-0053	EA	1" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	67.08	
		For Galvanized, Add	*22.10*	
		For Stainless Steel, Add	*154.67*	
		For >10 To 50, Deduct	*-1.14*	
		For >50 To 100, Deduct	*-3.39*	
		For >100, Deduct	*-6.79*	
03 15 19 00-0054	EA	1" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	76.64	
		For Galvanized, Add	*25.61*	
		For Stainless Steel, Add	*179.24*	
		For >10 To 50, Deduct	*-1.27*	
		For >50 To 100, Deduct	*-3.82*	
		For >100, Deduct	*-7.65*	
03 15 19 00-0055	EA	1" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	90.45	
		For Galvanized, Add	*29.97*	
		For Stainless Steel, Add	*209.76*	
		For >10 To 50, Deduct	*-1.53*	
		For >50 To 100, Deduct	*-4.55*	
		For >100, Deduct	*-9.10*	
03 15 19 00-0056	EA	1-1/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	57.41	
		For Galvanized, Add	*21.08*	
		For Stainless Steel, Add	*147.53*	
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-2.58*	
		For >100, Deduct	*-5.16*	
03 15 19 00-0057	EA	1-1/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	65.49	
		For Galvanized, Add	*23.59*	
		For Stainless Steel, Add	*165.13*	
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-3.01*	
		For >100, Deduct	*-6.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0058	EA	1-1/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	69.26	
		For Galvanized, Add	*24.68*	
		For Stainless Steel, Add	*172.76*	
		For >10 To 50, Deduct	*-1.00*	
		For >50 To 100, Deduct	*-3.22*	
		For >100, Deduct	*-6.45*	

03 20 Concrete Reinforcing *(03)*

Note: Includes cutting or torching to size, bending where necessary and tie wires.

03 21 Reinforcement Bars *(03 20)*

Note: Includes cutting, bending, tie wire, tying, bar chairs and all non-mechanical splicing. The weights of reinforcing steel shall be used as follows: #2 (1/8" Diameter) - 0.167 Lb./LF, #3 (3/8" Diameter) - 0.376 Ls./LF, #4 (1/2" Diameter) - 0.668 Lb./LF, #5 (5/8" Diameter) - 1.043 Lb./LF, #6 (3/4" Diameter) - 1.502 Lb./LF, #7 (7/8" Diameter) - 2.044 Lb./LF, #8 (1" Diameter) - 2.670 Lb./LF, #9 (1.128" Diameter) - 3.400 Lb./LF, #10 (1.27" Diameter) - 4.303 Lb./LF, #11 (1.41" Diameter) - 5.313 Lb./LF, #14 (1.693" Diameter) - 7.650 Lb./LF, #18 (2.257" Diameter) - 13.600 Lb./LF.

03 21 11 Plain Steel Reinforcement Bars *(03 21)*

03 21 11 00-0001 Beams And Girders, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0002	LF	#3, Grade 40, Beams And Girders, Steel Reinforcement Bar	0.85	
		For Up To 100, Add	*0.57*	
		For >100 To 200, Add	*0.31*	
		For >200 To 500, Add	*0.12*	
03 21 11 00-0003	LF	#4, Grade 40, Beams And Girders, Steel Reinforcement Bar	1.43	
		For Up To 100, Add	*0.97*	
		For >100 To 200, Add	*0.53*	
		For >200 To 500, Add	*0.21*	
03 21 11 00-0004	LF	#5, Grade 40, Beams And Girders, Steel Reinforcement Bar	2.14	
		For Up To 100, Add	*1.48*	
		For >100 To 200, Add	*0.80*	
		For >200 To 500, Add	*0.32*	
03 21 11 00-0005	LF	#6, Grade 40, Beams And Girders, Steel Reinforcement Bar	2.96	
		For Up To 100, Add	*2.08*	
		For >100 To 200, Add	*1.12*	
		For >200 To 500, Add	*0.45*	
03 21 11 00-0006	LF	#3, Grade 50, Beams And Girders, Steel Reinforcement Bar	0.86	
		For Up To 100, Add	*0.58*	
		For >100 To 200, Add	*0.31*	
		For >200 To 500, Add	*0.13*	
03 21 11 00-0007	LF	#4, Grade 50, Beams And Girders, Steel Reinforcement Bar	1.46	
		For Up To 100, Add	*1.00*	
		For >100 To 200, Add	*0.54*	
		For >200 To 500, Add	*0.22*	
03 21 11 00-0008	LF	#5, Grade 50, Beams And Girders, Steel Reinforcement Bar	2.19	
		For Up To 100, Add	*1.53*	
		For >100 To 200, Add	*0.82*	
		For >200 To 500, Add	*0.33*	
03 21 11 00-0009	LF	#6, Grade 50, Beams And Girders, Steel Reinforcement Bar	3.04	
		For Up To 100, Add	*2.16*	
		For >100 To 200, Add	*1.16*	
		For >200 To 500, Add	*0.46*	
03 21 11 00-0010	LF	#3, Grade 60, Beams And Girders, Steel Reinforcement Bar	0.89	
		For Up To 100, Add	*0.61*	
		For >100 To 200, Add	*0.33*	
		For >200 To 500, Add	*0.13*	
03 21 11 00-0011	LF	#4, Grade 60, Beams And Girders, Steel Reinforcement Bar	1.51	
		For Up To 100, Add	*1.05*	
		For >100 To 200, Add	*0.57*	
		For >200 To 500, Add	*0.23*	
03 21 11 00-0012	LF	#5, Grade 60, Beams And Girders, Steel Reinforcement Bar	2.27	
		For Up To 100, Add	*1.61*	
		For >100 To 200, Add	*0.86*	
		For >200 To 500, Add	*0.34*	
03 21 11 00-0013	LF	#6, Grade 60, Beams And Girders, Steel Reinforcement Bar	3.15	
		For Up To 100, Add	*2.27*	
		For >100 To 200, Add	*1.21*	
		For >200 To 500, Add	*0.48*	
03 21 11 00-0014	LF	#7, Grade 60, Beams And Girders, Steel Reinforcement Bar	4.10	
		For Up To 100, Add	*2.36*	
		For >100 To 200, Add	*1.37*	
		For >200 To 400, Add	*0.64*	
03 21 11 00-0015	LF	#8, Grade 60, Beams And Girders, Steel Reinforcement Bar	5.12	
		For Up To 100, Add	*2.99*	
		For >100 To 200, Add	*1.73*	
		For >200 To 400, Add	*0.81*	
03 21 11 00-0016	LF	#9, Grade 60, Beams And Girders, Steel Reinforcement Bar	6.30	
		For Up To 100, Add	*3.73*	
		For >100 To 200, Add	*2.15*	
		For >200 To 400, Add	*1.01*	
03 21 11 00-0017	LF	#10, Grade 60, Beams And Girders, Steel Reinforcement Bar	7.72	
		For Up To 100, Add	*3.77*	
		For >100 To 200, Add	*2.03*	
		For >200 To 300, Add	*1.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0018	LF	#11, Grade 60, Beams And Girders, Steel Reinforcement Bar	9.20	
		For Up To 100, Add	*4.55*	
		For >100 To 200, Add	*2.44*	
		For >200 To 300, Add	*1.22*	
03 21 11 00-0019	LF	#14, Grade 60, Beams And Girders, Steel Reinforcement Bar	12.79	
		For Up To 100, Add	*6.42*	
		For >100 To 200, Add	*3.42*	
		For >200 To 300, Add	*1.71*	
03 21 11 00-0020	LF	#18, Grade 60, Beams And Girders, Steel Reinforcement Bar	21.91	
		For Up To 100, Add	*11.16*	
		For >100 To 200, Add	*5.91*	
		For >200 To 300, Add	*2.96*	
03 21 11 00-0021	LF	#6, Grade 75, Beams And Girders, Steel Reinforcement Bar	3.26	
		For Up To 100, Add	*2.38*	
		For >100 To 200, Add	*1.27*	
		For >200 To 500, Add	*0.51*	
03 21 11 00-0022	LF	#7, Grade 75, Beams And Girders, Steel Reinforcement Bar	4.25	
		For Up To 100, Add	*2.47*	
		For >100 To 200, Add	*1.43*	
		For >200 To 400, Add	*0.67*	
03 21 11 00-0023	LF	#8, Grade 75, Beams And Girders, Steel Reinforcement Bar	5.32	
		For Up To 100, Add	*3.14*	
		For >100 To 200, Add	*1.81*	
		For >200 To 400, Add	*0.85*	
03 21 11 00-0024	LF	#9, Grade 75, Beams And Girders, Steel Reinforcement Bar	6.56	
		For Up To 100, Add	*3.93*	
		For >100 To 200, Add	*2.25*	
		For >200 To 400, Add	*1.06*	
03 21 11 00-0025	LF	#10, Grade 75, Beams And Girders, Steel Reinforcement Bar	8.04	
		For Up To 100, Add	*3.96*	
		For >100 To 200, Add	*2.12*	
		For >200 To 300, Add	*1.06*	
03 21 11 00-0026	LF	#11, Grade 75, Beams And Girders, Steel Reinforcement Bar	9.60	
		For Up To 100, Add	*4.79*	
		For >100 To 200, Add	*2.56*	
		For >200 To 300, Add	*1.28*	
03 21 11 00-0027	LF	#14, Grade 75, Beams And Girders, Steel Reinforcement Bar	13.36	
		For Up To 100, Add	*6.76*	
		For >100 To 200, Add	*3.59*	
		For >200 To 300, Add	*1.79*	
03 21 11 00-0028	LF	#18, Grade 75, Beams And Girders, Steel Reinforcement Bar	22.92	
		For Up To 100, Add	*11.77*	
		For >100 To 200, Add	*6.21*	
		For >200 To 300, Add	*3.11*	
03 21 11 00-0029	LF	#3, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	0.91	
		For Up To 100, Add	*0.63*	
		For >100 To 200, Add	*0.34*	
		For >200 To 500, Add	*0.14*	
03 21 11 00-0030	LF	#4, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	1.55	
		For Up To 100, Add	*1.09*	
		For >100 To 200, Add	*0.59*	
		For >200 To 500, Add	*0.23*	
03 21 11 00-0031	LF	#5, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	2.33	
		For Up To 100, Add	*1.67*	
		For >100 To 200, Add	*0.89*	
		For >200 To 500, Add	*0.36*	
03 21 11 00-0032	LF	#6, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	3.23	
		For Up To 100, Add	*2.35*	
		For >100 To 200, Add	*1.25*	
		For >200 To 500, Add	*0.50*	
03 21 11 00-0033	LF	#7, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	4.21	
		For Up To 100, Add	*2.44*	
		For >100 To 200, Add	*1.41*	
		For >200 To 400, Add	*0.66*	
03 21 11 00-0034	LF	#8, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	5.27	
		For Up To 100, Add	*3.10*	
		For >100 To 200, Add	*1.79*	
		For >200 To 400, Add	*0.84*	
03 21 11 00-0035	LF	#9, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	6.49	
		For Up To 100, Add	*3.88*	
		For >100 To 200, Add	*2.22*	
		For >200 To 400, Add	*1.05*	
03 21 11 00-0036	LF	#10, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	7.96	
		For Up To 100, Add	*3.91*	
		For >100 To 200, Add	*2.10*	
		For >200 To 300, Add	*1.05*	
03 21 11 00-0037	LF	#11, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	9.50	
		For Up To 100, Add	*4.73*	
		For >100 To 200, Add	*2.53*	
		For >200 To 300, Add	*1.26*	
03 21 11 00-0038	LF	#14, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	13.22	
		For Up To 100, Add	*6.68*	
		For >100 To 200, Add	*3.55*	
		For >200 To 300, Add	*1.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0039	LF	#18, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	22.67	
		For Up To 100, Add	*11.62*	
		For >100 To 200, Add	*6.14*	
		For >200 To 300, Add	*3.07*	

03 21 11 00-0040 Columns, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0041	LF	#3, Grade 40, Columns, Steel Reinforcement Bar	0.89	
		For Up To 100, Add	*0.58*	
		For >100 To 200, Add	*0.32*	
		For >200 To 500, Add	*0.13*	
03 21 11 00-0042	LF	#4, Grade 40, Columns, Steel Reinforcement Bar	1.52	
		For Up To 100, Add	*1.01*	
		For >100 To 200, Add	*0.55*	
		For >200 To 500, Add	*0.22*	
03 21 11 00-0043	LF	#5, Grade 40, Columns, Steel Reinforcement Bar	2.25	
		For Up To 100, Add	*1.52*	
		For >100 To 200, Add	*0.82*	
		For >200 To 500, Add	*0.33*	
03 21 11 00-0044	LF	#6, Grade 40, Columns, Steel Reinforcement Bar	3.11	
		For Up To 100, Add	*2.14*	
		For >100 To 200, Add	*1.15*	
		For >200 To 500, Add	*0.46*	
03 21 11 00-0045	LF	#3, Grade 50, Columns, Steel Reinforcement Bar	0.90	
		For Up To 100, Add	*0.59*	
		For >100 To 200, Add	*0.32*	
		For >200 To 500, Add	*0.13*	
03 21 11 00-0046	LF	#4, Grade 50, Columns, Steel Reinforcement Bar	1.55	
		For Up To 100, Add	*1.04*	
		For >100 To 200, Add	*0.56*	
		For >200 To 500, Add	*0.23*	
03 21 11 00-0047	LF	#5, Grade 50, Columns, Steel Reinforcement Bar	2.30	
		For Up To 100, Add	*1.57*	
		For >100 To 200, Add	*0.85*	
		For >200 To 500, Add	*0.34*	
03 21 11 00-0048	LF	#6, Grade 50, Columns, Steel Reinforcement Bar	3.19	
		For Up To 100, Add	*2.22*	
		For >100 To 200, Add	*1.19*	
		For >200 To 500, Add	*0.48*	
03 21 11 00-0049	LF	#3, Grade 60, Columns, Steel Reinforcement Bar	0.93	
		For Up To 100, Add	*0.62*	
		For >100 To 200, Add	*0.34*	
		For >200 To 500, Add	*0.14*	
03 21 11 00-0050	LF	#4, Grade 60, Columns, Steel Reinforcement Bar	1.60	
		For Up To 100, Add	*1.09*	
		For >100 To 200, Add	*0.59*	
		For >200 To 500, Add	*0.24*	
03 21 11 00-0051	LF	#5, Grade 60, Columns, Steel Reinforcement Bar	2.38	
		For Up To 100, Add	*1.65*	
		For >100 To 200, Add	*0.89*	
		For >200 To 500, Add	*0.36*	
03 21 11 00-0052	LF	#6, Grade 60, Columns, Steel Reinforcement Bar	3.30	
		For Up To 100, Add	*2.33*	
		For >100 To 200, Add	*1.25*	
		For >200 To 500, Add	*0.50*	
03 21 11 00-0053	LF	#7, Grade 60, Columns, Steel Reinforcement Bar	4.28	
		For Up To 100, Add	*2.42*	
		For >100 To 200, Add	*1.42*	
		For >200 To 400, Add	*0.66*	
03 21 11 00-0054	LF	#8, Grade 60, Columns, Steel Reinforcement Bar	5.32	
		For Up To 100, Add	*3.06*	
		For >100 To 200, Add	*1.78*	
		For >200 To 400, Add	*0.83*	
03 21 11 00-0055	LF	#9, Grade 60, Columns, Steel Reinforcement Bar	6.54	
		For Up To 100, Add	*3.82*	
		For >100 To 200, Add	*2.21*	
		For >200 To 400, Add	*1.04*	
03 21 11 00-0056	LF	#10, Grade 60, Columns, Steel Reinforcement Bar	8.00	
		For Up To 100, Add	*3.85*	
		For >100 To 200, Add	*2.08*	
		For >200 To 300, Add	*1.04*	
03 21 11 00-0057	LF	#11, Grade 60, Columns, Steel Reinforcement Bar	9.52	
		For Up To 100, Add	*4.65*	
		For >100 To 200, Add	*2.50*	
		For >200 To 300, Add	*1.25*	
03 21 11 00-0058	LF	#14, Grade 60, Columns, Steel Reinforcement Bar	13.21	
		For Up To 100, Add	*6.54*	
		For >100 To 200, Add	*3.50*	
		For >200 To 300, Add	*1.75*	
03 21 11 00-0059	LF	#18, Grade 60, Columns, Steel Reinforcement Bar	22.56	
		For Up To 100, Add	*11.36*	
		For >100 To 200, Add	*6.04*	
		For >200 To 300, Add	*3.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0060	LF	#6, Grade 75, Columns, Steel Reinforcement Bar	3.41	
		For Up To 100, Add	*2.44*	
		For >100 To 200, Add	*1.30*	
		For >200 To 500, Add	*0.52*	
03 21 11 00-0061	LF	#7, Grade 75, Columns, Steel Reinforcement Bar	4.43	
		For Up To 100, Add	*2.53*	
		For >100 To 200, Add	*1.48*	
		For >200 To 400, Add	*0.69*	
03 21 11 00-0062	LF	#8, Grade 75, Columns, Steel Reinforcement Bar	5.52	
		For Up To 100, Add	*3.21*	
		For >100 To 200, Add	*1.86*	
		For >200 To 400, Add	*0.87*	
03 21 11 00-0063	LF	#9, Grade 75, Columns, Steel Reinforcement Bar	6.80	
		For Up To 100, Add	*4.01*	
		For >100 To 200, Add	*2.31*	
		For >200 To 400, Add	*1.09*	
03 21 11 00-0064	LF	#10, Grade 75, Columns, Steel Reinforcement Bar	8.32	
		For Up To 100, Add	*4.04*	
		For >100 To 200, Add	*2.18*	
		For >200 To 300, Add	*1.09*	
03 21 11 00-0065	LF	#11, Grade 75, Columns, Steel Reinforcement Bar	9.92	
		For Up To 100, Add	*4.89*	
		For >100 To 200, Add	*2.62*	
		For >200 To 300, Add	*1.31*	
03 21 11 00-0066	LF	#14, Grade 75, Columns, Steel Reinforcement Bar	13.78	
		For Up To 100, Add	*6.89*	
		For >100 To 200, Add	*3.67*	
		For >200 To 300, Add	*1.84*	
03 21 11 00-0067	LF	#18, Grade 75, Columns, Steel Reinforcement Bar	23.57	
		For Up To 100, Add	*11.96*	
		For >100 To 200, Add	*6.34*	
		For >200 To 300, Add	*3.17*	
03 21 11 00-0068	LF	#3, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	0.95	
		For Up To 100, Add	*0.64*	
		For >100 To 200, Add	*0.35*	
		For >200 To 500, Add	*0.14*	
03 21 11 00-0069	LF	#4, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	1.64	
		For Up To 100, Add	*1.13*	
		For >100 To 200, Add	*0.61*	
		For >200 To 500, Add	*0.24*	
03 21 11 00-0070	LF	#5, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	2.44	
		For Up To 100, Add	*1.71*	
		For >100 To 200, Add	*0.92*	
		For >200 To 500, Add	*0.37*	
03 21 11 00-0071	LF	#6, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	3.38	
		For Up To 100, Add	*2.41*	
		For >100 To 200, Add	*1.29*	
		For >200 To 500, Add	*0.52*	
03 21 11 00-0072	LF	#7, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	4.39	
		For Up To 100, Add	*2.50*	
		For >100 To 200, Add	*1.46*	
		For >200 To 400, Add	*0.68*	
03 21 11 00-0073	LF	#8, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	5.47	
		For Up To 100, Add	*3.17*	
		For >100 To 200, Add	*1.84*	
		For >200 To 400, Add	*0.86*	
03 21 11 00-0074	LF	#9, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	6.73	
		For Up To 100, Add	*3.96*	
		For >100 To 200, Add	*2.28*	
		For >200 To 400, Add	*1.07*	
03 21 11 00-0075	LF	#10, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	8.24	
		For Up To 100, Add	*4.00*	
		For >100 To 200, Add	*2.16*	
		For >200 To 300, Add	*1.08*	
03 21 11 00-0076	LF	#11, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	9.82	
		For Up To 100, Add	*4.83*	
		For >100 To 200, Add	*2.59*	
		For >200 To 300, Add	*1.30*	
03 21 11 00-0077	LF	#14, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	13.64	
		For Up To 100, Add	*6.80*	
		For >100 To 200, Add	*3.63*	
		For >200 To 300, Add	*1.82*	
03 21 11 00-0078	LF	#18, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	23.32	
		For Up To 100, Add	*11.81*	
		For >100 To 200, Add	*6.27*	
		For >200 To 300, Add	*3.13*	

03 21 11 00-0079 Footings, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0080	LF	#3, Grade 40, Footings, Steel Reinforcement Bar	0.78	
		For Up To 100, Add	*0.54*	
		For >100 To 200, Add	*0.29*	
		For >200 To 500, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0081	LF	#4, Grade 40, Footings, Steel Reinforcement Bar	1.32	
		For Up To 100, Add	*0.93*	
		For >100 To 200, Add	*0.50*	
		For >200 To 500, Add	*0.20*	
03 21 11 00-0082	LF	#5, Grade 40, Footings, Steel Reinforcement Bar	1.98	
		For Up To 100, Add	*1.42*	
		For >100 To 200, Add	*0.76*	
		For >200 To 500, Add	*0.30*	
03 21 11 00-0083	LF	#6, Grade 40, Footings, Steel Reinforcement Bar	2.75	
		For Up To 100, Add	*2.00*	
		For >100 To 200, Add	*1.06*	
		For >200 To 500, Add	*0.43*	
03 21 11 00-0084	LF	#3, Grade 50, Footings, Steel Reinforcement Bar	0.79	
		For Up To 100, Add	*0.55*	
		For >100 To 200, Add	*0.30*	
		For >200 To 500, Add	*0.12*	
03 21 11 00-0085	LF	#4, Grade 50, Footings, Steel Reinforcement Bar	1.35	
		For Up To 100, Add	*0.96*	
		For >100 To 200, Add	*0.51*	
		For >200 To 500, Add	*0.21*	
03 21 11 00-0086	LF	#5, Grade 50, Footings, Steel Reinforcement Bar	2.03	
		For Up To 100, Add	*1.47*	
		For >100 To 200, Add	*0.78*	
		For >200 To 500, Add	*0.31*	
03 21 11 00-0087	LF	#6, Grade 50, Footings, Steel Reinforcement Bar	2.83	
		For Up To 100, Add	*2.08*	
		For >100 To 200, Add	*1.10*	
		For >200 To 500, Add	*0.44*	
03 21 11 00-0088	LF	#3, Grade 60, Footings, Steel Reinforcement Bar	0.82	
		For Up To 100, Add	*0.58*	
		For >100 To 200, Add	*0.31*	
		For >200 To 500, Add	*0.12*	
03 21 11 00-0089	LF	#4, Grade 60, Footings, Steel Reinforcement Bar	1.40	
		For Up To 100, Add	*1.01*	
		For >100 To 200, Add	*0.54*	
		For >200 To 500, Add	*0.22*	
03 21 11 00-0090	LF	#5, Grade 60, Footings, Steel Reinforcement Bar	2.11	
		For Up To 100, Add	*1.55*	
		For >100 To 200, Add	*0.82*	
		For >200 To 500, Add	*0.33*	
03 21 11 00-0091	LF	#6, Grade 60, Footings, Steel Reinforcement Bar	2.94	
		For Up To 100, Add	*2.19*	
		For >100 To 200, Add	*1.16*	
		For >200 To 500, Add	*0.46*	
03 21 11 00-0092	LF	#7, Grade 60, Footings, Steel Reinforcement Bar	3.84	
		For Up To 100, Add	*2.26*	
		For >100 To 200, Add	*1.31*	
		For >200 To 400, Add	*0.61*	
03 21 11 00-0093	LF	#8, Grade 60, Footings, Steel Reinforcement Bar	4.80	
		For Up To 100, Add	*2.88*	
		For >100 To 200, Add	*1.65*	
		For >200 To 400, Add	*0.78*	
03 21 11 00-0094	LF	#9, Grade 60, Footings, Steel Reinforcement Bar	5.93	
		For Up To 100, Add	*3.60*	
		For >100 To 200, Add	*2.06*	
		For >200 To 400, Add	*0.98*	
03 21 11 00-0095	LF	#10, Grade 60, Footings, Steel Reinforcement Bar	7.28	
		For Up To 100, Add	*4.48*	
		For >100 To 200, Add	*2.55*	
		For >200 To 400, Add	*1.21*	
		For Up To 100, Add	*3.64*	
		For >100 To 200, Add	*1.94*	
		For >200 To 300, Add	*0.97*	
03 21 11 00-0096	LF	#11, Grade 60, Footings, Steel Reinforcement Bar	8.72	
		For Up To 100, Add	*5.44*	
		For >100 To 200, Add	*3.08*	
		For >200 To 400, Add	*1.47*	
		For Up To 100, Add	*4.41*	
		For >100 To 200, Add	*2.34*	
		For >200 To 300, Add	*1.17*	
03 21 11 00-0097	LF	#14, Grade 60, Footings, Steel Reinforcement Bar	12.16	
		For Up To 100, Add	*7.70*	
		For >100 To 200, Add	*4.33*	
		For >200 To 400, Add	*2.08*	
		For Up To 100, Add	*6.23*	
		For >100 To 200, Add	*3.29*	
		For >200 To 300, Add	*1.65*	
03 21 11 00-0098	LF	#18, Grade 60, Footings, Steel Reinforcement Bar	20.90	
		For Up To 100, Add	*13.43*	
		For >100 To 200, Add	*7.52*	
		For >200 To 400, Add	*3.62*	
		For Up To 100, Add	*10.86*	
		For >100 To 200, Add	*5.71*	
		For >200 To 300, Add	*2.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0099	LF	#6, Grade 75, Footings, Steel Reinforcement Bar	3.05	
		For Up To 100, Add	*2.30*	
		For >100 To 200, Add	*1.21*	
		For >200 To 500, Add	*0.49*	
		For Up To 100, Add	*1.79*	
		For >100 To 200, Add	*1.03*	
		For >200 To 400, Add	*0.49*	
03 21 11 00-0100	LF	#7, Grade 75, Footings, Steel Reinforcement Bar	3.99	
		For Up To 100, Add	*2.38*	
		For >100 To 200, Add	*1.37*	
		For >200 To 400, Add	*0.64*	
03 21 11 00-0101	LF	#8, Grade 75, Footings, Steel Reinforcement Bar	5.00	
		For Up To 100, Add	*3.03*	
		For >100 To 200, Add	*1.73*	
		For >200 To 400, Add	*0.82*	
03 21 11 00-0102	LF	#9, Grade 75, Footings, Steel Reinforcement Bar	6.19	
		For Up To 100, Add	*3.80*	
		For >100 To 200, Add	*2.16*	
		For >200 To 400, Add	*1.03*	
03 21 11 00-0103	LF	#10, Grade 75, Footings, Steel Reinforcement Bar	7.60	
		For Up To 100, Add	*3.83*	
		For >100 To 200, Add	*2.04*	
		For >200 To 300, Add	*1.02*	
03 21 11 00-0104	LF	#11, Grade 75, Footings, Steel Reinforcement Bar	9.12	
		For Up To 100, Add	*4.65*	
		For >100 To 200, Add	*2.46*	
		For >200 To 300, Add	*1.23*	
03 21 11 00-0105	LF	#14, Grade 75, Footings, Steel Reinforcement Bar	12.73	
		For Up To 100, Add	*6.57*	
		For >100 To 200, Add	*3.46*	
		For >200 To 300, Add	*1.73*	
03 21 11 00-0106	LF	#18, Grade 75, Footings, Steel Reinforcement Bar	21.91	
		For Up To 100, Add	*11.46*	
		For >100 To 200, Add	*6.01*	
		For >200 To 300, Add	*3.01*	
03 21 11 00-0107	LF	#3, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	0.84	
		For Up To 100, Add	*0.60*	
		For >100 To 200, Add	*0.32*	
		For >200 To 500, Add	*0.13*	
03 21 11 00-0108	LF	#4, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	1.44	
		For Up To 100, Add	*1.05*	
		For >100 To 200, Add	*0.56*	
		For >200 To 500, Add	*0.22*	
03 21 11 00-0109	LF	#5, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	2.17	
		For Up To 100, Add	*1.61*	
		For >100 To 200, Add	*0.85*	
		For >200 To 500, Add	*0.34*	
03 21 11 00-0110	LF	#6, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	3.02	
		For Up To 100, Add	*2.27*	
		For >100 To 200, Add	*1.20*	
		For >200 To 500, Add	*0.48*	
03 21 11 00-0111	LF	#7, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	3.95	
		For Up To 100, Add	*2.35*	
		For >100 To 200, Add	*1.35*	
		For >200 To 400, Add	*0.64*	
03 21 11 00-0112	LF	#8, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	4.95	
		For Up To 100, Add	*2.99*	
		For >100 To 200, Add	*1.71*	
		For >200 To 400, Add	*0.81*	
03 21 11 00-0113	LF	#9, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	6.12	
		For Up To 100, Add	*3.75*	
		For >100 To 200, Add	*2.13*	
		For >200 To 400, Add	*1.01*	
03 21 11 00-0114	LF	#10, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	7.52	
		For Up To 100, Add	*3.78*	
		For >100 To 200, Add	*2.01*	
		For >200 To 300, Add	*1.01*	
03 21 11 00-0115	LF	#11, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	9.02	
		For Up To 100, Add	*4.59*	
		For >100 To 200, Add	*2.43*	
		For >200 To 300, Add	*1.22*	
03 21 11 00-0116	LF	#14, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	12.59	
		For Up To 100, Add	*6.49*	
		For >100 To 200, Add	*3.42*	
		For >200 To 300, Add	*1.71*	
03 21 11 00-0117	LF	#18, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	21.66	
		For Up To 100, Add	*11.31*	
		For >100 To 200, Add	*5.94*	
		For >200 To 300, Add	*2.97*	

03 21 11 00-0118 Slab On Grade, Steel Reinforcement Bar *(03 21 11)*
Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0119	LF	#3, Grade 40, Slab On Grade, Steel Reinforcement Bar	0.76	
		For Up To 100, Add	*0.53*	
		For >100 To 200, Add	*0.29*	
		For >200 To 500, Add	*0.11*	
03 21 11 00-0120	LF	#4, Grade 40, Slab On Grade, Steel Reinforcement Bar	1.29	
		For Up To 100, Add	*0.92*	
		For >100 To 200, Add	*0.49*	
		For >200 To 500, Add	*0.20*	
03 21 11 00-0121	LF	#5, Grade 40, Slab On Grade, Steel Reinforcement Bar	1.92	
		For Up To 100, Add	*1.39*	
		For >100 To 200, Add	*0.74*	
		For >200 To 500, Add	*0.30*	
03 21 11 00-0122	LF	#6, Grade 40, Slab On Grade, Steel Reinforcement Bar	2.66	
		For Up To 100, Add	*1.96*	
		For >100 To 200, Add	*1.04*	
		For >200 To 500, Add	*0.42*	
03 21 11 00-0123	LF	#3, Grade 50, Slab On Grade, Steel Reinforcement Bar	0.77	
		For Up To 100, Add	*0.54*	
		For >100 To 200, Add	*0.29*	
		For >200 To 500, Add	*0.12*	
03 21 11 00-0124	LF	#4, Grade 50, Slab On Grade, Steel Reinforcement Bar	1.32	
		For Up To 100, Add	*0.95*	
		For >100 To 200, Add	*0.51*	
		For >200 To 500, Add	*0.20*	
03 21 11 00-0125	LF	#5, Grade 50, Slab On Grade, Steel Reinforcement Bar	1.97	
		For Up To 100, Add	*1.44*	
		For >100 To 200, Add	*0.77*	
		For >200 To 500, Add	*0.31*	
03 21 11 00-0126	LF	#6, Grade 50, Slab On Grade, Steel Reinforcement Bar	2.74	
		For Up To 100, Add	*2.04*	
		For >100 To 200, Add	*1.08*	
		For >200 To 500, Add	*0.43*	
03 21 11 00-0127	LF	#3, Grade 60, Slab On Grade, Steel Reinforcement Bar	0.80	
		For Up To 100, Add	*0.57*	
		For >100 To 200, Add	*0.31*	
		For >200 To 500, Add	*0.12*	
03 21 11 00-0128	LF	#4, Grade 60, Slab On Grade, Steel Reinforcement Bar	1.37	
		For Up To 100, Add	*1.00*	
		For >100 To 200, Add	*0.53*	
		For >200 To 500, Add	*0.21*	
03 21 11 00-0129	LF	#5, Grade 60, Slab On Grade, Steel Reinforcement Bar	2.05	
		For Up To 100, Add	*1.52*	
		For >100 To 200, Add	*0.81*	
		For >200 To 500, Add	*0.32*	
03 21 11 00-0130	LF	#6, Grade 60, Slab On Grade, Steel Reinforcement Bar	2.85	
		For Up To 100, Add	*2.15*	
		For >100 To 200, Add	*1.14*	
		For >200 To 500, Add	*0.45*	
03 21 11 00-0131	LF	#7, Grade 60, Slab On Grade, Steel Reinforcement Bar	3.75	
		For Up To 100, Add	*2.23*	
		For >100 To 200, Add	*1.28*	
		For >200 To 400, Add	*0.61*	
03 21 11 00-0132	LF	#8, Grade 60, Slab On Grade, Steel Reinforcement Bar	4.69	
		For Up To 100, Add	*2.84*	
		For >100 To 200, Add	*1.62*	
		For >200 To 400, Add	*0.77*	
03 21 11 00-0133	LF	#9, Grade 60, Slab On Grade, Steel Reinforcement Bar	5.80	
		For Up To 100, Add	*3.56*	
		For >100 To 200, Add	*2.02*	
		For >200 To 400, Add	*0.96*	
03 21 11 00-0134	LF	#10, Grade 60, Slab On Grade, Steel Reinforcement Bar	7.14	
		For Up To 100, Add	*3.59*	
		For >100 To 200, Add	*1.91*	
		For >200 To 300, Add	*0.96*	
03 21 11 00-0135	LF	#11, Grade 60, Slab On Grade, Steel Reinforcement Bar	8.56	
		For Up To 100, Add	*4.36*	
		For >100 To 200, Add	*2.31*	
		For >200 To 300, Add	*1.15*	
03 21 11 00-0136	LF	#14, Grade 60, Slab On Grade, Steel Reinforcement Bar	11.94	
		For Up To 100, Add	*6.16*	
		For >100 To 200, Add	*3.25*	
		For >200 To 300, Add	*1.62*	
03 21 11 00-0137	LF	#18, Grade 60, Slab On Grade, Steel Reinforcement Bar	20.58	
		For Up To 100, Add	*10.76*	
		For >100 To 200, Add	*5.65*	
		For >200 To 300, Add	*2.82*	
03 21 11 00-0138	LF	#6, Grade 75, Slab On Grade, Steel Reinforcement Bar	2.96	
		For Up To 100, Add	*2.26*	
		For >100 To 200, Add	*1.19*	
		For >200 To 500, Add	*0.48*	
03 21 11 00-0139	LF	#7, Grade 75, Slab On Grade, Steel Reinforcement Bar	3.90	
		For Up To 100, Add	*2.35*	
		For >100 To 200, Add	*1.34*	
		For >200 To 400, Add	*0.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0140	LF	#8, Grade 75, Slab On Grade, Steel Reinforcement Bar	4.89	
		For Up To 100, Add	*2.99*	
		For >100 To 200, Add	*1.70*	
		For >200 To 400, Add	*0.81*	
03 21 11 00-0141	LF	#9, Grade 75, Slab On Grade, Steel Reinforcement Bar	6.06	
		For Up To 100, Add	*3.75*	
		For >100 To 200, Add	*2.13*	
		For >200 To 400, Add	*1.01*	
03 21 11 00-0142	LF	#10, Grade 75, Slab On Grade, Steel Reinforcement Bar	7.46	
		For Up To 100, Add	*3.79*	
		For >100 To 200, Add	*2.01*	
		For >200 To 300, Add	*1.00*	
03 21 11 00-0143	LF	#11, Grade 75, Slab On Grade, Steel Reinforcement Bar	8.96	
		For Up To 100, Add	*4.60*	
		For >100 To 200, Add	*2.43*	
		For >200 To 300, Add	*1.21*	
03 21 11 00-0144	LF	#14, Grade 75, Slab On Grade, Steel Reinforcement Bar	12.51	
		For Up To 100, Add	*6.50*	
		For >100 To 200, Add	*3.42*	
		For >200 To 300, Add	*1.71*	
03 21 11 00-0145	LF	#18, Grade 75, Slab On Grade, Steel Reinforcement Bar	21.59	
		For Up To 100, Add	*11.37*	
		For >100 To 200, Add	*5.95*	
		For >200 To 300, Add	*2.97*	
03 21 11 00-0146	LF	#3, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	0.82	
		For Up To 100, Add	*0.59*	
		For >100 To 200, Add	*0.32*	
		For >200 To 500, Add	*0.13*	
03 21 11 00-0147	LF	#4, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	1.41	
		For Up To 100, Add	*1.04*	
		For >100 To 200, Add	*0.55*	
		For >200 To 500, Add	*0.22*	
03 21 11 00-0148	LF	#5, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	2.11	
		For Up To 100, Add	*1.58*	
		For >100 To 200, Add	*0.84*	
		For >200 To 500, Add	*0.33*	
03 21 11 00-0149	LF	#6, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	2.93	
		For Up To 100, Add	*2.23*	
		For >100 To 200, Add	*1.18*	
		For >200 To 500, Add	*0.47*	
03 21 11 00-0150	LF	#7, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	3.86	
		For Up To 100, Add	*2.32*	
		For >100 To 200, Add	*1.33*	
		For >200 To 400, Add	*0.63*	
03 21 11 00-0151	LF	#8, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	4.84	
		For Up To 100, Add	*2.95*	
		For >100 To 200, Add	*1.68*	
		For >200 To 400, Add	*0.80*	
03 21 11 00-0152	LF	#9, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	5.99	
		For Up To 100, Add	*3.70*	
		For >100 To 200, Add	*2.10*	
		For >200 To 400, Add	*1.00*	
03 21 11 00-0153	LF	#10, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	7.38	
		For Up To 100, Add	*3.74*	
		For >100 To 200, Add	*1.98*	
		For >200 To 300, Add	*0.99*	
03 21 11 00-0154	LF	#11, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	8.86	
		For Up To 100, Add	*4.54*	
		For >100 To 200, Add	*2.40*	
		For >200 To 300, Add	*1.20*	
03 21 11 00-0155	LF	#14, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	12.37	
		For Up To 100, Add	*6.42*	
		For >100 To 200, Add	*3.38*	
		For >200 To 300, Add	*1.69*	
03 21 11 00-0156	LF	#18, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	21.34	
		For Up To 100, Add	*11.22*	
		For >100 To 200, Add	*5.87*	
		For >200 To 300, Add	*2.94*	

03 21 11 00-0157 Elevated Slabs, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0158	LF	#3, Grade 40, Elevated Slabs, Steel Reinforcement Bar	0.71	
		For Up To 100, Add	*0.51*	
		For >100 To 200, Add	*0.27*	
		For >200 To 500, Add	*0.11*	
03 21 11 00-0159	LF	#4, Grade 40, Elevated Slabs, Steel Reinforcement Bar	1.20	
		For Up To 100, Add	*0.88*	
		For >100 To 200, Add	*0.47*	
		For >200 To 500, Add	*0.19*	
03 21 11 00-0160	LF	#5, Grade 40, Elevated Slabs, Steel Reinforcement Bar	1.82	
		For Up To 100, Add	*1.35*	
		For >100 To 200, Add	*0.72*	
		For >200 To 500, Add	*0.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0161	LF	#6, Grade 40, Elevated Slabs, Steel Reinforcement Bar	2.52	
		For Up To 100, Add	*1.91*	
		For >100 To 200, Add	*1.01*	
		For >200 To 500, Add	*0.40*	
03 21 11 00-0162	LF	#3, Grade 50, Elevated Slabs, Steel Reinforcement Bar	0.72	
		For Up To 100, Add	*0.52*	
		For >100 To 200, Add	*0.28*	
		For >200 To 500, Add	*0.11*	
03 21 11 00-0163	LF	#4, Grade 50, Elevated Slabs, Steel Reinforcement Bar	1.23	
		For Up To 100, Add	*0.91*	
		For >100 To 200, Add	*0.48*	
		For >200 To 500, Add	*0.19*	
03 21 11 00-0164	LF	#5, Grade 50, Elevated Slabs, Steel Reinforcement Bar	1.87	
		For Up To 100, Add	*1.40*	
		For >100 To 200, Add	*0.74*	
		For >200 To 500, Add	*0.30*	
03 21 11 00-0165	LF	#6, Grade 50, Elevated Slabs, Steel Reinforcement Bar	2.60	
		For Up To 100, Add	*1.99*	
		For >100 To 200, Add	*1.05*	
		For >200 To 500, Add	*0.42*	
03 21 11 00-0166	LF	#3, Grade 60, Elevated Slabs, Steel Reinforcement Bar	0.75	
		For Up To 100, Add	*0.55*	
		For >100 To 200, Add	*0.29*	
		For >200 To 500, Add	*0.12*	
03 21 11 00-0167	LF	#4, Grade 60, Elevated Slabs, Steel Reinforcement Bar	1.28	
		For Up To 100, Add	*0.96*	
		For >100 To 200, Add	*0.51*	
		For >200 To 500, Add	*0.20*	
03 21 11 00-0168	LF	#5, Grade 60, Elevated Slabs, Steel Reinforcement Bar	1.95	
		For Up To 100, Add	*1.48*	
		For >100 To 200, Add	*0.78*	
		For >200 To 500, Add	*0.31*	
03 21 11 00-0169	LF	#6, Grade 60, Elevated Slabs, Steel Reinforcement Bar	2.71	
		For Up To 100, Add	*2.10*	
		For >100 To 200, Add	*1.10*	
		For >200 To 500, Add	*0.44*	
03 21 11 00-0170	LF	#7, Grade 60, Elevated Slabs, Steel Reinforcement Bar	3.57	
		For Up To 100, Add	*2.17*	
		For >100 To 200, Add	*1.24*	
		For >200 To 400, Add	*0.59*	
03 21 11 00-0171	LF	#8, Grade 60, Elevated Slabs, Steel Reinforcement Bar	4.48	
		For Up To 100, Add	*2.77*	
		For >100 To 200, Add	*1.57*	
		For >200 To 400, Add	*0.75*	
03 21 11 00-0172	LF	#9, Grade 60, Elevated Slabs, Steel Reinforcement Bar	5.56	
		For Up To 100, Add	*3.47*	
		For >100 To 200, Add	*1.96*	
		For >200 To 400, Add	*0.94*	
03 21 11 00-0173	LF	#10, Grade 60, Elevated Slabs, Steel Reinforcement Bar	6.86	
		For Up To 100, Add	*3.51*	
		For >100 To 200, Add	*1.86*	
		For >200 To 300, Add	*0.93*	
03 21 11 00-0174	LF	#11, Grade 60, Elevated Slabs, Steel Reinforcement Bar	8.23	
		For Up To 100, Add	*4.26*	
		For >100 To 200, Add	*2.24*	
		For >200 To 300, Add	*1.12*	
03 21 11 00-0175	LF	#14, Grade 60, Elevated Slabs, Steel Reinforcement Bar	11.53	
		For Up To 100, Add	*6.04*	
		For >100 To 200, Add	*3.17*	
		For >200 To 300, Add	*1.58*	
03 21 11 00-0176	LF	#18, Grade 60, Elevated Slabs, Steel Reinforcement Bar	19.92	
		For Up To 100, Add	*10.56*	
		For >100 To 200, Add	*5.51*	
		For >200 To 300, Add	*2.76*	
03 21 11 00-0177	LF	#6, Grade 75, Elevated Slabs, Steel Reinforcement Bar	2.82	
		For Up To 100, Add	*2.21*	
		For >100 To 200, Add	*1.16*	
		For >200 To 500, Add	*0.46*	
03 21 11 00-0178	LF	#7, Grade 75, Elevated Slabs, Steel Reinforcement Bar	3.72	
		For Up To 100, Add	*2.28*	
		For >100 To 200, Add	*1.30*	
		For >200 To 400, Add	*0.62*	
03 21 11 00-0179	LF	#8, Grade 75, Elevated Slabs, Steel Reinforcement Bar	4.68	
		For Up To 100, Add	*2.92*	
		For >100 To 200, Add	*1.65*	
		For >200 To 400, Add	*0.79*	
03 21 11 00-0180	LF	#9, Grade 75, Elevated Slabs, Steel Reinforcement Bar	5.82	
		For Up To 100, Add	*3.67*	
		For >100 To 200, Add	*2.07*	
		For >200 To 400, Add	*0.99*	
03 21 11 00-0181	LF	#10, Grade 75, Elevated Slabs, Steel Reinforcement Bar	7.18	
		For Up To 100, Add	*3.70*	
		For >100 To 200, Add	*1.95*	
		For >200 To 300, Add	*0.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0182	LF	#11, Grade 75, Elevated Slabs, Steel Reinforcement Bar	8.63	
		For Up To 100, Add	*4.50*	
		For >100 To 200, Add	*2.36*	
		For >200 To 300, Add	*1.18*	
03 21 11 00-0183	LF	#14, Grade 75, Elevated Slabs, Steel Reinforcement Bar	12.10	
		For Up To 100, Add	*6.38*	
		For >100 To 200, Add	*3.34*	
		For >200 To 300, Add	*1.67*	
03 21 11 00-0184	LF	#18, Grade 75, Elevated Slabs, Steel Reinforcement Bar	20.93	
		For Up To 100, Add	*11.17*	
		For >100 To 200, Add	*5.82*	
		For >200 To 300, Add	*2.91*	
03 21 11 00-0185	LF	#3, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	0.77	
		For Up To 100, Add	*0.57*	
		For >100 To 200, Add	*0.30*	
		For >200 To 500, Add	*0.12*	
03 21 11 00-0186	LF	#4, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	1.32	
		For Up To 100, Add	*1.00*	
		For >100 To 200, Add	*0.53*	
		For >200 To 500, Add	*0.21*	
03 21 11 00-0187	LF	#5, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	2.01	
		For Up To 100, Add	*1.54*	
		For >100 To 200, Add	*0.81*	
		For >200 To 500, Add	*0.32*	
03 21 11 00-0188	LF	#6, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	2.79	
		For Up To 100, Add	*2.18*	
		For >100 To 200, Add	*1.14*	
		For >200 To 500, Add	*0.46*	
03 21 11 00-0189	LF	#7, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	3.68	
		For Up To 100, Add	*2.25*	
		For >100 To 200, Add	*1.28*	
		For >200 To 400, Add	*0.61*	
03 21 11 00-0190	LF	#8, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	4.63	
		For Up To 100, Add	*2.88*	
		For >100 To 200, Add	*1.63*	
		For >200 To 400, Add	*0.78*	
03 21 11 00-0191	LF	#9, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	5.75	
		For Up To 100, Add	*3.62*	
		For >100 To 200, Add	*2.04*	
		For >200 To 400, Add	*0.98*	
03 21 11 00-0192	LF	#10, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	7.10	
		For Up To 100, Add	*3.65*	
		For >100 To 200, Add	*1.93*	
		For >200 To 300, Add	*0.96*	
03 21 11 00-0193	LF	#11, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	8.53	
		For Up To 100, Add	*4.44*	
		For >100 To 200, Add	*2.33*	
		For >200 To 300, Add	*1.17*	
03 21 11 00-0194	LF	#14, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	11.96	
		For Up To 100, Add	*6.30*	
		For >100 To 200, Add	*3.30*	
		For >200 To 300, Add	*1.65*	
03 21 11 00-0195	LF	#18, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	20.68	
		For Up To 100, Add	*11.02*	
		For >100 To 200, Add	*5.74*	
		For >200 To 300, Add	*2.87*	

03 21 11 00-0196 Walls, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0197	LF	#3, Grade 40, Walls, Steel Reinforcement Bar	0.68	
		For Up To 100, Add	*0.50*	
		For >100 To 200, Add	*0.27*	
		For >200 To 500, Add	*0.11*	
03 21 11 00-0198	LF	#4, Grade 40, Walls, Steel Reinforcement Bar	1.17	
		For Up To 100, Add	*0.87*	
		For >100 To 200, Add	*0.46*	
		For >200 To 500, Add	*0.18*	
03 21 11 00-0199	LF	#5, Grade 40, Walls, Steel Reinforcement Bar	1.75	
		For Up To 100, Add	*1.32*	
		For >100 To 200, Add	*0.70*	
		For >200 To 500, Add	*0.28*	
03 21 11 00-0200	LF	#6, Grade 40, Walls, Steel Reinforcement Bar	2.44	
		For Up To 100, Add	*1.88*	
		For >100 To 200, Add	*0.99*	
		For >200 To 500, Add	*0.39*	
03 21 11 00-0201	LF	#3, Grade 50, Walls, Steel Reinforcement Bar	0.69	
		For Up To 100, Add	*0.51*	
		For >100 To 200, Add	*0.27*	
		For >200 To 500, Add	*0.11*	
03 21 11 00-0202	LF	#4, Grade 50, Walls, Steel Reinforcement Bar	1.20	
		For Up To 100, Add	*0.90*	
		For >100 To 200, Add	*0.48*	
		For >200 To 500, Add	*0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0203	LF	#5, Grade 50, Walls, Steel Reinforcement Bar	1.80	
		For Up To 100, Add	*1.37*	
		For >100 To 200, Add	*0.72*	
		For >200 To 500, Add	*0.29*	
03 21 11 00-0204	LF	#6, Grade 50, Walls, Steel Reinforcement Bar	2.52	
		For Up To 100, Add	*1.96*	
		For >100 To 200, Add	*1.03*	
		For >200 To 500, Add	*0.41*	
03 21 11 00-0205	LF	#3, Grade 60, Walls, Steel Reinforcement Bar	0.72	
		For Up To 100, Add	*0.54*	
		For >100 To 200, Add	*0.29*	
		For >200 To 500, Add	*0.11*	
03 21 11 00-0206	LF	#4, Grade 60, Walls, Steel Reinforcement Bar	1.25	
		For Up To 100, Add	*0.95*	
		For >100 To 200, Add	*0.50*	
		For >200 To 500, Add	*0.20*	
03 21 11 00-0207	LF	#5, Grade 60, Walls, Steel Reinforcement Bar	1.88	
		For Up To 100, Add	*1.45*	
		For >100 To 200, Add	*0.76*	
		For >200 To 500, Add	*0.31*	
03 21 11 00-0208	LF	#6, Grade 60, Walls, Steel Reinforcement Bar	2.63	
		For Up To 100, Add	*2.07*	
		For >100 To 200, Add	*1.08*	
		For >200 To 500, Add	*0.43*	
03 21 11 00-0209	LF	#7, Grade 60, Walls, Steel Reinforcement Bar	3.46	
		For Up To 100, Add	*2.13*	
		For >100 To 200, Add	*1.21*	
		For >200 To 400, Add	*0.58*	
03 21 11 00-0210	LF	#8, Grade 60, Walls, Steel Reinforcement Bar	4.38	
		For Up To 100, Add	*2.73*	
		For >100 To 200, Add	*1.55*	
		For >200 To 400, Add	*0.74*	
03 21 11 00-0211	LF	#9, Grade 60, Walls, Steel Reinforcement Bar	5.44	
		For Up To 100, Add	*3.43*	
		For >100 To 200, Add	*1.93*	
		For >200 To 400, Add	*0.93*	
03 21 11 00-0212	LF	#10, Grade 60, Walls, Steel Reinforcement Bar	6.71	
		For Up To 100, Add	*3.47*	
		For >100 To 200, Add	*1.83*	
		For >200 To 300, Add	*0.91*	
03 21 11 00-0213	LF	#11, Grade 60, Walls, Steel Reinforcement Bar	8.08	
		For Up To 100, Add	*4.22*	
		For >100 To 200, Add	*2.21*	
		For >200 To 300, Add	*1.11*	
03 21 11 00-0214	LF	#14, Grade 60, Walls, Steel Reinforcement Bar	11.32	
		For Up To 100, Add	*5.98*	
		For >100 To 200, Add	*3.12*	
		For >200 To 300, Add	*1.56*	
03 21 11 00-0215	LF	#18, Grade 60, Walls, Steel Reinforcement Bar	19.60	
		For Up To 100, Add	*10.47*	
		For >100 To 200, Add	*5.45*	
		For >200 To 300, Add	*2.72*	
03 21 11 00-0216	LF	#6, Grade 75, Walls, Steel Reinforcement Bar	2.74	
		For Up To 100, Add	*2.18*	
		For >100 To 200, Add	*1.14*	
		For >200 To 500, Add	*0.45*	
03 21 11 00-0217	LF	#7, Grade 75, Walls, Steel Reinforcement Bar	3.61	
		For Up To 100, Add	*2.24*	
		For >100 To 200, Add	*1.27*	
		For >200 To 400, Add	*0.61*	
03 21 11 00-0218	LF	#8, Grade 75, Walls, Steel Reinforcement Bar	4.58	
		For Up To 100, Add	*2.88*	
		For >100 To 200, Add	*1.63*	
		For >200 To 400, Add	*0.78*	
03 21 11 00-0219	LF	#9, Grade 75, Walls, Steel Reinforcement Bar	5.70	
		For Up To 100, Add	*3.63*	
		For >100 To 200, Add	*2.04*	
		For >200 To 400, Add	*0.98*	
03 21 11 00-0220	LF	#10, Grade 75, Walls, Steel Reinforcement Bar	7.03	
		For Up To 100, Add	*3.66*	
		For >100 To 200, Add	*1.92*	
		For >200 To 300, Add	*0.96*	
03 21 11 00-0221	LF	#11, Grade 75, Walls, Steel Reinforcement Bar	8.48	
		For Up To 100, Add	*4.46*	
		For >100 To 200, Add	*2.33*	
		For >200 To 300, Add	*1.17*	
03 21 11 00-0222	LF	#14, Grade 75, Walls, Steel Reinforcement Bar	11.89	
		For Up To 100, Add	*6.32*	
		For >100 To 200, Add	*3.30*	
		For >200 To 300, Add	*1.65*	
03 21 11 00-0223	LF	#18, Grade 75, Walls, Steel Reinforcement Bar	20.61	
		For Up To 100, Add	*11.07*	
		For >100 To 200, Add	*5.75*	
		For >200 To 300, Add	*2.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0224	LF	#3, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	0.74	
		For Up To 100, Add	*0.56*	
		For >100 To 200, Add	*0.30*	
		For >200 To 500, Add	*0.12*	
03 21 11 00-0225	LF	#4, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	1.29	
		For Up To 100, Add	*0.99*	
		For >100 To 200, Add	*0.52*	
		For >200 To 500, Add	*0.21*	
03 21 11 00-0226	LF	#5, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	1.94	
		For Up To 100, Add	*1.51*	
		For >100 To 200, Add	*0.79*	
		For >200 To 500, Add	*0.32*	
03 21 11 00-0227	LF	#6, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	2.71	
		For Up To 100, Add	*2.15*	
		For >100 To 200, Add	*1.12*	
		For >200 To 500, Add	*0.45*	
03 21 11 00-0228	LF	#7, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	3.57	
		For Up To 100, Add	*2.21*	
		For >100 To 200, Add	*1.25*	
		For >200 To 400, Add	*0.60*	
03 21 11 00-0229	LF	#8, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	4.53	
		For Up To 100, Add	*2.85*	
		For >100 To 200, Add	*1.61*	
		For >200 To 400, Add	*0.77*	
03 21 11 00-0230	LF	#9, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	5.63	
		For Up To 100, Add	*3.57*	
		For >100 To 200, Add	*2.01*	
		For >200 To 400, Add	*0.96*	
03 21 11 00-0231	LF	#10, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	6.95	
		For Up To 100, Add	*3.61*	
		For >100 To 200, Add	*1.90*	
		For >200 To 300, Add	*0.95*	
03 21 11 00-0232	LF	#11, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	8.38	
		For Up To 100, Add	*4.40*	
		For >100 To 200, Add	*2.30*	
		For >200 To 300, Add	*1.15*	
03 21 11 00-0233	LF	#14, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	11.75	
		For Up To 100, Add	*6.23*	
		For >100 To 200, Add	*3.25*	
		For >200 To 300, Add	*1.63*	
03 21 11 00-0234	LF	#18, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	20.36	
		For Up To 100, Add	*10.92*	
		For >100 To 200, Add	*5.68*	
		For >200 To 300, Add	*2.84*	

03 21 11 00-0235 Deformed Straight Dowels *(03 21 11)*

Note: Excludes drilling. See CSI section 02 41 19 13-0269 for drilling in concrete.

03 21 11 00-0236	EA	3/8" Diameter x 24" Long, Deformed Straight Dowel	3.21	
		For Up To 12" Length, Deduct	*-0.48*	
		For >12" To <24" Length, Deduct	*-0.24*	
03 21 11 00-0237	EA	1/2" Diameter x 24" Long, Deformed Straight Dowel	3.89	
		For Up To 12" Length, Deduct	*-0.63*	
		For >12" To <24" Length, Deduct	*-0.32*	
03 21 11 00-0238	EA	5/8" Diameter x 24" Long, Deformed Straight Dowel	4.92	
		For Up To 12" Length, Deduct	*-1.00*	
		For >12" To <24" Length, Deduct	*-0.50*	
03 21 11 00-0239	EA	3/4" Diameter x 24" Long, Deformed Straight Dowel	6.15	
		For Up To 12" Length, Deduct	*-1.44*	
		For >12" To <24" Length, Deduct	*-0.72*	
03 21 11 00-0240	EA	7/8" Diameter x 24" Long, Deformed Straight Dowel	7.49	
		For Up To 12" Length, Deduct	*-2.00*	
		For >12" To <24" Length, Deduct	*-1.00*	
03 21 11 00-0241	EA	1" Diameter x 24" Long, Deformed Straight Dowel	9.48	
		For Up To 12" Length, Deduct	*-2.56*	
		For >12" To <24" Length, Deduct	*-1.28*	
03 21 11 00-0242	EA	1-1/8" Diameter x 24" Long, Deformed Straight Dowel	11.27	
		For Up To 12" Length, Deduct	*-3.16*	
		For >12" To <24" Length, Deduct	*-1.58*	
03 21 11 00-0243	EA	1-1/4" Diameter x 24" Long, Deformed Straight Dowel	14.01	
		For Up To 12" Length, Deduct	*-4.13*	
		For >12" To <24" Length, Deduct	*-2.07*	
03 21 11 00-0244	EA	1-3/8" Diameter x 24" Long, Deformed Straight Dowel	16.79	
		For Up To 12" Length, Deduct	*-5.10*	
		For >12" To <24" Length, Deduct	*-2.55*	

03 21 11 00-0245 Spirals, Reinforcing Steel *(03 21 11)*

03 21 11 00-0246	TON	Up To 15" Diameter, Grade 60, Spirals, Reinforcing Steel	3,769.55	
		For Grade 75, Add	*133.22*	
03 21 11 00-0247	TON	>15" To 24" Diameter, Grade 60, Spirals, Reinforcing Steel	3,721.70	
		For Grade 75, Add	*133.22*	
03 21 11 00-0248	TON	>24" To 36" Diameter, Grade 60, Spirals, Reinforcing Steel	3,685.22	
		For Grade 75, Add	*133.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0249	TON	>36" To 48" Diameter, Grade 60, Spirals, Reinforcing Steel	3,625.54	
		For Grade 75, Add	*133.22*	
03 21 11 00-0250	TON	>48" To 64" Diameter, Grade 60, Spirals, Reinforcing Steel	3,544.84	
		For Grade 75, Add	*133.22*	
03 21 11 00-0251	TON	>64" To 84" Diameter, Grade 60, Spirals, Reinforcing Steel	3,508.70	
		For Grade 75, Add	*136.49*	
03 21 11 00-0252	TON	>84" To 96" Diameter, Grade 60, Spirals, Reinforcing Steel	3,441.14	
		For Grade 75, Add	*136.49*	
03 21 11 00-0253		Dowel Or Hairpin, Drilled And Epoxy Into Concrete *(03 21 11)*		
03 21 11 00-0254	EA	Dowels Or Hairpin, 1/2" x 30" Length, Drilled And Epoxy In Concrete, 6" Embedment	28.00	
03 21 11 00-0255	EA	Dowels Or Hairpin, 1/2" x 36" Length, Drilled And Epoxy In Concrete, >6" To 12" Embedment	29.31	
03 21 11 00-0256		Accessories For Reinforcing Steel *(03 21 11)*		
03 21 11 00-0257		Reinforcing Steel Lap-Weld Splice *(03 21 11 00-0256)*		
03 21 11 00-0258	EA	Up To #6 Reinforcing Steel Lap-Weld Splice	74.14	
03 21 11 00-0259	EA	>#6 Reinforcing Steel Lap-Weld Splice	118.93	
03 21 11 00-0260		Reinforcing Steel Sleeve And Wedge Splice Joint *(03 21 11 00-0256)*		
03 21 11 00-0261	EA	Up To #4 Reinforcing Steel, Sleeve And Wedge Splice Joint	40.06	
03 21 11 00-0262	EA	#5 Reinforcing Steel, Sleeve And Wedge Splice Joint	62.37	
03 21 11 00-0263	EA	#6 Reinforcing Steel, Sleeve And Wedge Splice Joint	94.32	
03 21 13		**Galvanized Reinforcement Steel Bars** *(03 21)*		
03 21 13 00-0001		Beams And Girders, Galvanized Steel Reinforcement Bar *(03 21 13)*		
		Note: ASTM A-767 Hot Dipped Galvanized Steel.		
03 21 13 00-0002	LF	#3, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	1.04	
		For Up To 100, Add	*0.76*	
		For >100 To 200, Add	*0.40*	
		For >200 To 500, Add	*0.16*	
03 21 13 00-0003	LF	#4, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	1.77	
		For Up To 100, Add	*1.31*	
		For >100 To 200, Add	*0.70*	
		For >200 To 500, Add	*0.28*	
03 21 13 00-0004	LF	#5, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	2.68	
		For Up To 100, Add	*2.02*	
		For >100 To 200, Add	*1.07*	
		For >200 To 500, Add	*0.43*	
03 21 13 00-0005	LF	#6, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	3.73	
		For Up To 100, Add	*2.85*	
		For >100 To 200, Add	*1.50*	
		For >200 To 500, Add	*0.60*	
03 21 13 00-0006	LF	#3, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	1.06	
		For Up To 100, Add	*0.78*	
		For >100 To 200, Add	*0.41*	
		For >200 To 500, Add	*0.17*	
03 21 13 00-0007	LF	#4, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	1.80	
		For Up To 100, Add	*1.34*	
		For >100 To 200, Add	*0.71*	
		For >200 To 500, Add	*0.28*	
03 21 13 00-0008	LF	#5, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	2.73	
		For Up To 100, Add	*2.07*	
		For >100 To 200, Add	*1.09*	
		For >200 To 500, Add	*0.44*	
03 21 13 00-0009	LF	#6, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	3.80	
		For Up To 100, Add	*2.92*	
		For >100 To 200, Add	*1.54*	
		For >200 To 500, Add	*0.61*	
03 21 13 00-0010	LF	#3, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	1.08	
		For Up To 100, Add	*0.80*	
		For >100 To 200, Add	*0.42*	
		For >200 To 500, Add	*0.17*	
03 21 13 00-0011	LF	#4, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	1.85	
		For Up To 100, Add	*1.39*	
		For >100 To 200, Add	*0.74*	
		For >200 To 500, Add	*0.29*	
03 21 13 00-0012	LF	#5, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	2.81	
		For Up To 100, Add	*2.15*	
		For >100 To 200, Add	*1.13*	
		For >200 To 500, Add	*0.45*	
03 21 13 00-0013	LF	#6, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	3.92	
		For Up To 100, Add	*3.04*	
		For >100 To 200, Add	*1.60*	
		For >200 To 500, Add	*0.64*	
03 21 13 00-0014	LF	#7, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	5.14	
		For Up To 100, Add	*3.14*	
		For >100 To 200, Add	*1.79*	
		For >200 To 400, Add	*0.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0015	LF	#8, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	6.49	
		For Up To 100, Add	*4.02*	
		For >100 To 200, Add	*2.28*	
		For >200 To 400, Add	*1.09*	
03 21 13 00-0016	LF	#9, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	8.04	
		For Up To 100, Add	*5.04*	
		For >100 To 200, Add	*2.84*	
		For >200 To 400, Add	*1.36*	
03 21 13 00-0017	LF	#10, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	9.92	
		For Up To 100, Add	*5.09*	
		For >100 To 200, Add	*2.69*	
		For >200 To 300, Add	*1.34*	
03 21 13 00-0018	LF	#11, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	11.92	
		For Up To 100, Add	*6.18*	
		For >100 To 200, Add	*3.25*	
		For >200 To 300, Add	*1.63*	
03 21 13 00-0019	LF	#14, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	16.70	
		For Up To 100, Add	*8.76*	
		For >100 To 200, Add	*4.59*	
		For >200 To 300, Add	*2.30*	
03 21 13 00-0020	LF	#18, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	28.86	
		For Up To 100, Add	*15.33*	
		For >100 To 200, Add	*8.00*	
		For >200 To 300, Add	*4.00*	
03 21 13 00-0021	LF	#6, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	4.03	
		For Up To 100, Add	*3.15*	
		For >100 To 200, Add	*1.65*	
		For >200 To 500, Add	*0.66*	
03 21 13 00-0022	LF	#7, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	5.30	
		For Up To 100, Add	*3.26*	
		For >100 To 200, Add	*1.85*	
		For >200 To 400, Add	*0.88*	
03 21 13 00-0023	LF	#8, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	6.69	
		For Up To 100, Add	*4.17*	
		For >100 To 200, Add	*2.36*	
		For >200 To 400, Add	*1.13*	
03 21 13 00-0024	LF	#9, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	8.29	
		For Up To 100, Add	*5.23*	
		For >100 To 200, Add	*2.94*	
		For >200 To 400, Add	*1.41*	
03 21 13 00-0025	LF	#10, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	10.24	
		For Up To 100, Add	*5.28*	
		For >100 To 200, Add	*2.78*	
		For >200 To 300, Add	*1.39*	
03 21 13 00-0026	LF	#11, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	12.31	
		For Up To 100, Add	*6.42*	
		For >100 To 200, Add	*3.37*	
		For >200 To 300, Add	*1.69*	
03 21 13 00-0027	LF	#14, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	17.27	
		For Up To 100, Add	*9.11*	
		For >100 To 200, Add	*4.76*	
		For >200 To 300, Add	*2.38*	
03 21 13 00-0028	LF	#18, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	29.87	
		For Up To 100, Add	*15.94*	
		For >100 To 200, Add	*8.30*	
		For >200 To 300, Add	*4.15*	

03 21 13 00-0029 Columns, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0030	LF	#3, Grade 40, Columns, Galvanized Steel Reinforcement Bar	1.08	
		For Up To 100, Add	*0.77*	
		For >100 To 200, Add	*0.41*	
		For >200 To 500, Add	*0.17*	
03 21 13 00-0031	LF	#4, Grade 40, Columns, Galvanized Steel Reinforcement Bar	1.86	
		For Up To 100, Add	*1.35*	
		For >100 To 200, Add	*0.72*	
		For >200 To 500, Add	*0.29*	
03 21 13 00-0032	LF	#5, Grade 40, Columns, Galvanized Steel Reinforcement Bar	2.79	
		For Up To 100, Add	*2.06*	
		For >100 To 200, Add	*1.09*	
		For >200 To 500, Add	*0.44*	
03 21 13 00-0033	LF	#6, Grade 40, Columns, Galvanized Steel Reinforcement Bar	3.88	
		For Up To 100, Add	*2.91*	
		For >100 To 200, Add	*1.54*	
		For >200 To 500, Add	*0.62*	
03 21 13 00-0034	LF	#3, Grade 50, Columns, Galvanized Steel Reinforcement Bar	1.10	
		For Up To 100, Add	*0.79*	
		For >100 To 200, Add	*0.42*	
		For >200 To 500, Add	*0.17*	
03 21 13 00-0035	LF	#4, Grade 50, Columns, Galvanized Steel Reinforcement Bar	1.89	
		For Up To 100, Add	*1.38*	
		For >100 To 200, Add	*0.73*	
		For >200 To 500, Add	*0.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0036	LF	#5, Grade 50, Columns, Galvanized Steel Reinforcement Bar	2.84	
		For Up To 100, Add	*2.11*	
		For >100 To 200, Add	*1.12*	
		For >200 To 500, Add	*0.45*	
03 21 13 00-0037	LF	#6, Grade 50, Columns, Galvanized Steel Reinforcement Bar	3.95	
		For Up To 100, Add	*2.98*	
		For >100 To 200, Add	*1.57*	
		For >200 To 500, Add	*0.63*	
03 21 13 00-0038	LF	#3, Grade 60, Columns, Galvanized Steel Reinforcement Bar	1.12	
		For Up To 100, Add	*0.81*	
		For >100 To 200, Add	*0.43*	
		For >200 To 500, Add	*0.17*	
03 21 13 00-0039	LF	#4, Grade 60, Columns, Galvanized Steel Reinforcement Bar	1.94	
		For Up To 100, Add	*1.43*	
		For >100 To 200, Add	*0.76*	
		For >200 To 500, Add	*0.30*	
03 21 13 00-0040	LF	#5, Grade 60, Columns, Galvanized Steel Reinforcement Bar	2.92	
		For Up To 100, Add	*2.19*	
		For >100 To 200, Add	*1.16*	
		For >200 To 500, Add	*0.46*	
03 21 13 00-0041	LF	#6, Grade 60, Columns, Galvanized Steel Reinforcement Bar	4.07	
		For Up To 100, Add	*3.10*	
		For >100 To 200, Add	*1.63*	
		For >200 To 500, Add	*0.65*	
03 21 13 00-0042	LF	#7, Grade 60, Columns, Galvanized Steel Reinforcement Bar	5.32	
		For Up To 100, Add	*3.20*	
		For >100 To 200, Add	*1.83*	
		For >200 To 400, Add	*0.87*	
03 21 13 00-0043	LF	#8, Grade 60, Columns, Galvanized Steel Reinforcement Bar	6.69	
		For Up To 100, Add	*4.09*	
		For >100 To 200, Add	*2.33*	
		For >200 To 400, Add	*1.11*	
03 21 13 00-0044	LF	#9, Grade 60, Columns, Galvanized Steel Reinforcement Bar	8.28	
		For Up To 100, Add	*5.12*	
		For >100 To 200, Add	*2.90*	
		For >200 To 400, Add	*1.38*	
03 21 13 00-0045	LF	#10, Grade 60, Columns, Galvanized Steel Reinforcement Bar	10.20	
		For Up To 100, Add	*5.17*	
		For >100 To 200, Add	*2.74*	
		For >200 To 300, Add	*1.37*	
03 21 13 00-0046	LF	#11, Grade 60, Columns, Galvanized Steel Reinforcement Bar	12.24	
		For Up To 100, Add	*6.28*	
		For >100 To 200, Add	*3.32*	
		For >200 To 300, Add	*1.66*	
03 21 13 00-0047	LF	#14, Grade 60, Columns, Galvanized Steel Reinforcement Bar	17.12	
		For Up To 100, Add	*8.89*	
		For >100 To 200, Add	*4.68*	
		For >200 To 300, Add	*2.34*	
03 21 13 00-0048	LF	#18, Grade 60, Columns, Galvanized Steel Reinforcement Bar	29.51	
		For Up To 100, Add	*15.53*	
		For >100 To 200, Add	*8.13*	
		For >200 To 300, Add	*4.06*	
03 21 13 00-0049	LF	#6, Grade 75, Columns, Galvanized Steel Reinforcement Bar	4.18	
		For Up To 100, Add	*3.21*	
		For >100 To 200, Add	*1.69*	
		For >200 To 500, Add	*0.68*	
03 21 13 00-0050	LF	#7, Grade 75, Columns, Galvanized Steel Reinforcement Bar	5.48	
		For Up To 100, Add	*3.32*	
		For >100 To 200, Add	*1.90*	
		For >200 To 400, Add	*0.90*	
03 21 13 00-0051	LF	#8, Grade 75, Columns, Galvanized Steel Reinforcement Bar	6.89	
		For Up To 100, Add	*4.24*	
		For >100 To 200, Add	*2.41*	
		For >200 To 400, Add	*1.15*	
03 21 13 00-0052	LF	#9, Grade 75, Columns, Galvanized Steel Reinforcement Bar	8.53	
		For Up To 100, Add	*5.31*	
		For >100 To 200, Add	*3.00*	
		For >200 To 400, Add	*1.43*	
03 21 13 00-0053	LF	#10, Grade 75, Columns, Galvanized Steel Reinforcement Bar	10.52	
		For Up To 100, Add	*5.36*	
		For >100 To 200, Add	*2.84*	
		For >200 To 300, Add	*1.42*	
03 21 13 00-0054	LF	#11, Grade 75, Columns, Galvanized Steel Reinforcement Bar	12.63	
		For Up To 100, Add	*6.51*	
		For >100 To 200, Add	*3.43*	
		For >200 To 300, Add	*1.72*	
03 21 13 00-0055	LF	#14, Grade 75, Columns, Galvanized Steel Reinforcement Bar	17.69	
		For Up To 100, Add	*9.23*	
		For >100 To 200, Add	*4.85*	
		For >200 To 300, Add	*2.42*	
03 21 13 00-0056	LF	#18, Grade 75, Columns, Galvanized Steel Reinforcement Bar	30.52	
		For Up To 100, Add	*16.13*	
		For >100 To 200, Add	*8.43*	
		For >200 To 300, Add	*4.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0057		**Footings, Galvanized Steel Reinforcement Bar** *(03 21 13)* Note: ASTM A-767 Hot Dipped Galvanized Steel.		
03 21 13 00-0058	LF	#3, Grade 40, Footings, Galvanized Steel Reinforcement Bar	0.97	
		For Up To 100, Add	*0.73*	
		For >100 To 200, Add	*0.39*	
		For >200 To 500, Add	*0.15*	
03 21 13 00-0059	LF	#4, Grade 40, Footings, Galvanized Steel Reinforcement Bar	1.66	
		For Up To 100, Add	*1.27*	
		For >100 To 200, Add	*0.67*	
		For >200 To 500, Add	*0.27*	
03 21 13 00-0060	LF	#5, Grade 40, Footings, Galvanized Steel Reinforcement Bar	2.52	
		For Up To 100, Add	*1.96*	
		For >100 To 200, Add	*1.03*	
		For >200 To 500, Add	*0.41*	
03 21 13 00-0061	LF	#6, Grade 40, Footings, Galvanized Steel Reinforcement Bar	3.52	
		For Up To 100, Add	*2.77*	
		For >100 To 200, Add	*1.45*	
		For >200 To 500, Add	*0.58*	
03 21 13 00-0062	LF	#3, Grade 50, Footings, Galvanized Steel Reinforcement Bar	0.99	
		For Up To 100, Add	*0.75*	
		For >100 To 200, Add	*0.40*	
		For >200 To 500, Add	*0.16*	
03 21 13 00-0063	LF	#4, Grade 50, Footings, Galvanized Steel Reinforcement Bar	1.69	
		For Up To 100, Add	*1.30*	
		For >100 To 200, Add	*0.68*	
		For >200 To 500, Add	*0.27*	
03 21 13 00-0064	LF	#5, Grade 50, Footings, Galvanized Steel Reinforcement Bar	2.57	
		For Up To 100, Add	*2.01*	
		For >100 To 200, Add	*1.05*	
		For >200 To 500, Add	*0.42*	
03 21 13 00-0065	LF	#6, Grade 50, Footings, Galvanized Steel Reinforcement Bar	3.59	
		For Up To 100, Add	*2.84*	
		For >100 To 200, Add	*1.48*	
		For >200 To 500, Add	*0.59*	
03 21 13 00-0066	LF	#3, Grade 60, Footings, Galvanized Steel Reinforcement Bar	1.01	
		For Up To 100, Add	*0.77*	
		For >100 To 200, Add	*0.41*	
		For >200 To 500, Add	*0.16*	
03 21 13 00-0067	LF	#4, Grade 60, Footings, Galvanized Steel Reinforcement Bar	1.74	
		For Up To 100, Add	*1.35*	
		For >100 To 200, Add	*0.71*	
		For >200 To 500, Add	*0.28*	
03 21 13 00-0068	LF	#5, Grade 60, Footings, Galvanized Steel Reinforcement Bar	2.65	
		For Up To 100, Add	*2.09*	
		For >100 To 200, Add	*1.09*	
		For >200 To 500, Add	*0.44*	
03 21 13 00-0069	LF	#6, Grade 60, Footings, Galvanized Steel Reinforcement Bar	3.71	
		For Up To 100, Add	*2.96*	
		For >100 To 200, Add	*1.54*	
		For >200 To 500, Add	*0.62*	
03 21 13 00-0070	LF	#7, Grade 60, Footings, Galvanized Steel Reinforcement Bar	4.88	
		For Up To 100, Add	*3.04*	
		For >100 To 200, Add	*1.72*	
		For >200 To 400, Add	*0.82*	
03 21 13 00-0071	LF	#8, Grade 60, Footings, Galvanized Steel Reinforcement Bar	6.17	
		For Up To 100, Add	*3.91*	
		For >100 To 200, Add	*2.20*	
		For >200 To 400, Add	*1.05*	
03 21 13 00-0072	LF	#9, Grade 60, Footings, Galvanized Steel Reinforcement Bar	7.67	
		For Up To 100, Add	*4.91*	
		For >100 To 200, Add	*2.75*	
		For >200 To 400, Add	*1.32*	
03 21 13 00-0073	LF	#10, Grade 60, Footings, Galvanized Steel Reinforcement Bar	9.48	
		For Up To 100, Add	*4.96*	
		For >100 To 200, Add	*2.60*	
		For >200 To 300, Add	*1.30*	
03 21 13 00-0074	LF	#11, Grade 60, Footings, Galvanized Steel Reinforcement Bar	11.44	
		For Up To 100, Add	*6.04*	
		For >100 To 200, Add	*3.16*	
		For >200 To 300, Add	*1.58*	
03 21 13 00-0075	LF	#14, Grade 60, Footings, Galvanized Steel Reinforcement Bar	16.07	
		For Up To 100, Add	*8.57*	
		For >100 To 200, Add	*4.47*	
		For >200 To 300, Add	*2.23*	
03 21 13 00-0076	LF	#18, Grade 60, Footings, Galvanized Steel Reinforcement Bar	27.85	
		For Up To 100, Add	*15.03*	
		For >100 To 200, Add	*7.79*	
		For >200 To 300, Add	*3.90*	
03 21 13 00-0077	LF	#6, Grade 75, Footings, Galvanized Steel Reinforcement Bar	3.82	
		For Up To 100, Add	*3.07*	
		For >100 To 200, Add	*1.60*	
		For >200 To 500, Add	*0.64*	
03 21 13 00-0078	LF	#7, Grade 75, Footings, Galvanized Steel Reinforcement Bar	5.04	
		For Up To 100, Add	*3.16*	
		For >100 To 200, Add	*1.79*	
		For >200 To 400, Add	*0.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0079	LF	#8, Grade 75, Footings, Galvanized Steel Reinforcement Bar	6.37	
		For Up To 100, Add	*4.06*	
		For >100 To 200, Add	*2.28*	
		For >200 To 400, Add	*1.09*	
03 21 13 00-0080	LF	#9, Grade 75, Footings, Galvanized Steel Reinforcement Bar	7.92	
		For Up To 100, Add	*5.10*	
		For >100 To 200, Add	*2.85*	
		For >200 To 400, Add	*1.37*	
03 21 13 00-0081	LF	#10, Grade 75, Footings, Galvanized Steel Reinforcement Bar	9.80	
		For Up To 100, Add	*5.15*	
		For >100 To 200, Add	*2.70*	
		For >200 To 300, Add	*1.35*	
03 21 13 00-0082	LF	#11, Grade 75, Footings, Galvanized Steel Reinforcement Bar	11.83	
		For Up To 100, Add	*6.27*	
		For >100 To 200, Add	*3.27*	
		For >200 To 300, Add	*1.64*	
03 21 13 00-0083	LF	#14, Grade 75, Footings, Galvanized Steel Reinforcement Bar	16.64	
		For Up To 100, Add	*8.92*	
		For >100 To 200, Add	*4.64*	
		For >200 To 300, Add	*2.32*	
03 21 13 00-0084	LF	#18, Grade 75, Footings, Galvanized Steel Reinforcement Bar	28.86	
		For Up To 100, Add	*15.63*	
		For >100 To 200, Add	*8.10*	
		For >200 To 300, Add	*4.05*	

03 21 13 00-0085 Slab On Grade, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0086	LF	#3, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	0.95	
		For Up To 100, Add	*0.72*	
		For >100 To 200, Add	*0.38*	
		For >200 To 500, Add	*0.15*	
03 21 13 00-0087	LF	#4, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	1.63	
		For Up To 100, Add	*1.26*	
		For >100 To 200, Add	*0.66*	
		For >200 To 500, Add	*0.26*	
03 21 13 00-0088	LF	#5, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	2.46	
		For Up To 100, Add	*1.93*	
		For >100 To 200, Add	*1.01*	
		For >200 To 500, Add	*0.40*	
03 21 13 00-0089	LF	#6, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	3.43	
		For Up To 100, Add	*2.73*	
		For >100 To 200, Add	*1.43*	
		For >200 To 500, Add	*0.57*	
03 21 13 00-0090	LF	#3, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	0.97	
		For Up To 100, Add	*0.74*	
		For >100 To 200, Add	*0.39*	
		For >200 To 500, Add	*0.16*	
03 21 13 00-0091	LF	#4, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	1.66	
		For Up To 100, Add	*1.29*	
		For >100 To 200, Add	*0.68*	
		For >200 To 500, Add	*0.27*	
03 21 13 00-0092	LF	#5, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	2.51	
		For Up To 100, Add	*1.98*	
		For >100 To 200, Add	*1.04*	
		For >200 To 500, Add	*0.41*	
03 21 13 00-0093	LF	#6, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	3.50	
		For Up To 100, Add	*2.80*	
		For >100 To 200, Add	*1.46*	
		For >200 To 500, Add	*0.58*	
03 21 13 00-0094	LF	#3, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	0.99	
		For Up To 100, Add	*0.76*	
		For >100 To 200, Add	*0.40*	
		For >200 To 500, Add	*0.16*	
03 21 13 00-0095	LF	#4, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	1.71	
		For Up To 100, Add	*1.34*	
		For >100 To 200, Add	*0.70*	
		For >200 To 500, Add	*0.28*	
03 21 13 00-0096	LF	#5, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	2.59	
		For Up To 100, Add	*2.06*	
		For >100 To 200, Add	*1.08*	
		For >200 To 500, Add	*0.43*	
03 21 13 00-0097	LF	#6, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	3.62	
		For Up To 100, Add	*2.92*	
		For >100 To 200, Add	*1.52*	
		For >200 To 500, Add	*0.61*	
03 21 13 00-0098	LF	#7, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	4.79	
		For Up To 100, Add	*3.01*	
		For >100 To 200, Add	*1.70*	
		For >200 To 400, Add	*0.81*	
03 21 13 00-0099	LF	#8, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	6.06	
		For Up To 100, Add	*3.87*	
		For >100 To 200, Add	*2.17*	
		For >200 To 400, Add	*1.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0100	LF	#9, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	7.54	
		For Up To 100, Add	*4.86*	
		For >100 To 200, Add	*2.72*	
		For >200 To 400, Add	*1.31*	
03 21 13 00-0101	LF	#10, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	9.34	
		For Up To 100, Add	*4.91*	
		For >100 To 200, Add	*2.57*	
		For >200 To 300, Add	*1.29*	
03 21 13 00-0102	LF	#11, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	11.28	
		For Up To 100, Add	*5.99*	
		For >100 To 200, Add	*3.13*	
		For >200 To 300, Add	*1.56*	
03 21 13 00-0103	LF	#14, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	15.85	
		For Up To 100, Add	*8.51*	
		For >100 To 200, Add	*4.42*	
		For >200 To 300, Add	*2.21*	
03 21 13 00-0104	LF	#18, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	27.53	
		For Up To 100, Add	*14.93*	
		For >100 To 200, Add	*7.73*	
		For >200 To 300, Add	*3.87*	
03 21 13 00-0105	LF	#6, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	3.73	
		For Up To 100, Add	*3.03*	
		For >100 To 200, Add	*1.58*	
		For >200 To 500, Add	*0.63*	
03 21 13 00-0106	LF	#7, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	4.95	
		For Up To 100, Add	*3.13*	
		For >100 To 200, Add	*1.76*	
		For >200 To 400, Add	*0.85*	
03 21 13 00-0107	LF	#8, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	6.26	
		For Up To 100, Add	*4.02*	
		For >100 To 200, Add	*2.25*	
		For >200 To 400, Add	*1.08*	
03 21 13 00-0108	LF	#9, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	7.79	
		For Up To 100, Add	*5.05*	
		For >100 To 200, Add	*2.82*	
		For >200 To 400, Add	*1.36*	
03 21 13 00-0109	LF	#10, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	9.66	
		For Up To 100, Add	*5.11*	
		For >100 To 200, Add	*2.67*	
		For >200 To 300, Add	*1.33*	
03 21 13 00-0110	LF	#11, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	11.67	
		For Up To 100, Add	*6.23*	
		For >100 To 200, Add	*3.24*	
		For >200 To 300, Add	*1.62*	
03 21 13 00-0111	LF	#14, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	16.42	
		For Up To 100, Add	*8.85*	
		For >100 To 200, Add	*4.59*	
		For >200 To 300, Add	*2.30*	
03 21 13 00-0112	LF	#18, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	28.54	
		For Up To 100, Add	*15.54*	
		For >100 To 200, Add	*8.03*	
		For >200 To 300, Add	*4.02*	

03 21 13 00-0113 Elevated Slabs, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0114	LF	#3, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.90	
		For Up To 100, Add	*0.70*	
		For >100 To 200, Add	*0.37*	
		For >200 To 500, Add	*0.15*	
03 21 13 00-0115	LF	#4, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.54	
		For Up To 100, Add	*1.22*	
		For >100 To 200, Add	*0.64*	
		For >200 To 500, Add	*0.26*	
03 21 13 00-0116	LF	#5, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.36	
		For Up To 100, Add	*1.89*	
		For >100 To 200, Add	*0.99*	
		For >200 To 500, Add	*0.39*	
03 21 13 00-0117	LF	#6, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	3.29	
		For Up To 100, Add	*2.68*	
		For >100 To 200, Add	*1.39*	
		For >200 To 500, Add	*0.56*	
03 21 13 00-0118	LF	#3, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.92	
		For Up To 100, Add	*0.72*	
		For >100 To 200, Add	*0.38*	
		For >200 To 500, Add	*0.15*	
03 21 13 00-0119	LF	#4, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.57	
		For Up To 100, Add	*1.25*	
		For >100 To 200, Add	*0.65*	
		For >200 To 500, Add	*0.26*	
03 21 13 00-0120	LF	#5, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.41	
		For Up To 100, Add	*1.94*	
		For >100 To 200, Add	*1.01*	
		For >200 To 500, Add	*0.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0121	LF	#6, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	3.36	
		For Up To 100, Add	*2.75*	
		For >100 To 200, Add	*1.43*	
		For >200 To 500, Add	*0.57*	
03 21 13 00-0122	LF	#3, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.94	
		For Up To 100, Add	*0.74*	
		For >100 To 200, Add	*0.39*	
		For >200 To 500, Add	*0.16*	
03 21 13 00-0123	LF	#4, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.62	
		For Up To 100, Add	*1.30*	
		For >100 To 200, Add	*0.68*	
		For >200 To 500, Add	*0.27*	
03 21 13 00-0124	LF	#5, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.49	
		For Up To 100, Add	*2.02*	
		For >100 To 200, Add	*1.05*	
		For >200 To 500, Add	*0.42*	
03 21 13 00-0125	LF	#6, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	3.48	
		For Up To 100, Add	*2.87*	
		For >100 To 200, Add	*1.49*	
		For >200 To 500, Add	*0.59*	
03 21 13 00-0126	LF	#7, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	4.61	
		For Up To 100, Add	*2.95*	
		For >100 To 200, Add	*1.65*	
		For >200 To 400, Add	*0.80*	
03 21 13 00-0127	LF	#8, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	5.85	
		For Up To 100, Add	*3.80*	
		For >100 To 200, Add	*2.12*	
		For >200 To 400, Add	*1.02*	
03 21 13 00-0128	LF	#9, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	7.30	
		For Up To 100, Add	*4.78*	
		For >100 To 200, Add	*2.66*	
		For >200 To 400, Add	*1.29*	
03 21 13 00-0129	LF	#10, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	9.06	
		For Up To 100, Add	*4.83*	
		For >100 To 200, Add	*2.52*	
		For >200 To 300, Add	*1.26*	
03 21 13 00-0130	LF	#11, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	10.95	
		For Up To 100, Add	*5.89*	
		For >100 To 200, Add	*3.06*	
		For >200 To 300, Add	*1.53*	
03 21 13 00-0131	LF	#14, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	15.44	
		For Up To 100, Add	*8.39*	
		For >100 To 200, Add	*4.34*	
		For >200 To 300, Add	*2.17*	
03 21 13 00-0132	LF	#18, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	26.87	
		For Up To 100, Add	*14.73*	
		For >100 To 200, Add	*7.60*	
		For >200 To 300, Add	*3.80*	
03 21 13 00-0133	LF	#6, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	3.59	
		For Up To 100, Add	*2.98*	
		For >100 To 200, Add	*1.54*	
		For >200 To 500, Add	*0.62*	
03 21 13 00-0134	LF	#7, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	4.77	
		For Up To 100, Add	*3.07*	
		For >100 To 200, Add	*1.72*	
		For >200 To 400, Add	*0.83*	
03 21 13 00-0135	LF	#8, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	6.05	
		For Up To 100, Add	*3.95*	
		For >100 To 200, Add	*2.20*	
		For >200 To 400, Add	*1.06*	
03 21 13 00-0136	LF	#9, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	7.55	
		For Up To 100, Add	*4.97*	
		For >100 To 200, Add	*2.76*	
		For >200 To 400, Add	*1.34*	
03 21 13 00-0137	LF	#10, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	9.38	
		For Up To 100, Add	*5.02*	
		For >100 To 200, Add	*2.61*	
		For >200 To 300, Add	*1.31*	
03 21 13 00-0138	LF	#11, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	11.34	
		For Up To 100, Add	*6.13*	
		For >100 To 200, Add	*3.18*	
		For >200 To 300, Add	*1.59*	
03 21 13 00-0139	LF	#14, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	16.01	
		For Up To 100, Add	*8.73*	
		For >100 To 200, Add	*4.51*	
		For >200 To 300, Add	*2.26*	
03 21 13 00-0140	LF	#18, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	27.88	
		For Up To 100, Add	*15.34*	
		For >100 To 200, Add	*7.90*	
		For >200 To 300, Add	*3.95*	

03 21 13 00-0141 Walls, Galvanized Steel Reinforcement Bar *(03 21 13)*
Note: ASTM A-767 Hot Dipped Galvanized Steel.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0142	LF	#3, Grade 40, Walls, Galvanized Steel Reinforcement Bar	0.87	
		For Up To 100, Add	*0.69*	
		For >100 To 200, Add	*0.36*	
		For >200 To 500, Add	*0.14*	
03 21 13 00-0143	LF	#4, Grade 40, Walls, Galvanized Steel Reinforcement Bar	1.51	
		For Up To 100, Add	*1.21*	
		For >100 To 200, Add	*0.63*	
		For >200 To 500, Add	*0.25*	
03 21 13 00-0144	LF	#5, Grade 40, Walls, Galvanized Steel Reinforcement Bar	2.29	
		For Up To 100, Add	*1.86*	
		For >100 To 200, Add	*0.97*	
		For >200 To 500, Add	*0.39*	
03 21 13 00-0145	LF	#6, Grade 40, Walls, Galvanized Steel Reinforcement Bar	3.21	
		For Up To 100, Add	*2.65*	
		For >100 To 200, Add	*1.37*	
		For >200 To 500, Add	*0.55*	
03 21 13 00-0146	LF	#3, Grade 50, Walls, Galvanized Steel Reinforcement Bar	0.89	
		For Up To 100, Add	*0.71*	
		For >100 To 200, Add	*0.37*	
		For >200 To 500, Add	*0.15*	
03 21 13 00-0147	LF	#4, Grade 50, Walls, Galvanized Steel Reinforcement Bar	1.54	
		For Up To 100, Add	*1.24*	
		For >100 To 200, Add	*0.65*	
		For >200 To 500, Add	*0.26*	
03 21 13 00-0148	LF	#5, Grade 50, Walls, Galvanized Steel Reinforcement Bar	2.34	
		For Up To 100, Add	*1.91*	
		For >100 To 200, Add	*0.99*	
		For >200 To 500, Add	*0.40*	
03 21 13 00-0149	LF	#6, Grade 50, Walls, Galvanized Steel Reinforcement Bar	3.28	
		For Up To 100, Add	*2.72*	
		For >100 To 200, Add	*1.41*	
		For >200 To 500, Add	*0.56*	
03 21 13 00-0150	LF	#3, Grade 60, Walls, Galvanized Steel Reinforcement Bar	0.91	
		For Up To 100, Add	*0.73*	
		For >100 To 200, Add	*0.38*	
		For >200 To 500, Add	*0.15*	
03 21 13 00-0151	LF	#4, Grade 60, Walls, Galvanized Steel Reinforcement Bar	1.59	
		For Up To 100, Add	*1.29*	
		For >100 To 200, Add	*0.67*	
		For >200 To 500, Add	*0.27*	
03 21 13 00-0152	LF	#5, Grade 60, Walls, Galvanized Steel Reinforcement Bar	2.42	
		For Up To 100, Add	*1.99*	
		For >100 To 200, Add	*1.03*	
		For >200 To 500, Add	*0.41*	
03 21 13 00-0153	LF	#6, Grade 60, Walls, Galvanized Steel Reinforcement Bar	3.40	
		For Up To 100, Add	*2.84*	
		For >100 To 200, Add	*1.47*	
		For >200 To 500, Add	*0.59*	
03 21 13 00-0154	LF	#7, Grade 60, Walls, Galvanized Steel Reinforcement Bar	4.50	
		For Up To 100, Add	*2.91*	
		For >100 To 200, Add	*1.63*	
		For >200 To 400, Add	*0.78*	
03 21 13 00-0155	LF	#8, Grade 60, Walls, Galvanized Steel Reinforcement Bar	5.75	
		For Up To 100, Add	*3.76*	
		For >100 To 200, Add	*2.09*	
		For >200 To 400, Add	*1.01*	
03 21 13 00-0156	LF	#9, Grade 60, Walls, Galvanized Steel Reinforcement Bar	7.18	
		For Up To 100, Add	*4.74*	
		For >100 To 200, Add	*2.63*	
		For >200 To 400, Add	*1.27*	
03 21 13 00-0157	LF	#10, Grade 60, Walls, Galvanized Steel Reinforcement Bar	8.91	
		For Up To 100, Add	*4.79*	
		For >100 To 200, Add	*2.49*	
		For >200 To 300, Add	*1.24*	
03 21 13 00-0158	LF	#11, Grade 60, Walls, Galvanized Steel Reinforcement Bar	10.80	
		For Up To 100, Add	*5.85*	
		For >100 To 200, Add	*3.03*	
		For >200 To 300, Add	*1.51*	
03 21 13 00-0159	LF	#14, Grade 60, Walls, Galvanized Steel Reinforcement Bar	15.23	
		For Up To 100, Add	*8.32*	
		For >100 To 200, Add	*4.30*	
		For >200 To 300, Add	*2.15*	
03 21 13 00-0160	LF	#18, Grade 60, Walls, Galvanized Steel Reinforcement Bar	26.55	
		For Up To 100, Add	*14.64*	
		For >100 To 200, Add	*7.53*	
		For >200 To 300, Add	*3.77*	
03 21 13 00-0161	LF	#6, Grade 75, Walls, Galvanized Steel Reinforcement Bar	3.51	
		For Up To 100, Add	*2.95*	
		For >100 To 200, Add	*1.52*	
		For >200 To 500, Add	*0.61*	
03 21 13 00-0162	LF	#7, Grade 75, Walls, Galvanized Steel Reinforcement Bar	4.66	
		For Up To 100, Add	*3.03*	
		For >100 To 200, Add	*1.69*	
		For >200 To 400, Add	*0.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0163	LF	#8, Grade 75, Walls, Galvanized Steel Reinforcement Bar	5.95	
		For Up To 100, Add	*3.91*	
		For >100 To 200, Add	*2.17*	
		For >200 To 400, Add	*1.05*	
03 21 13 00-0164	LF	#9, Grade 75, Walls, Galvanized Steel Reinforcement Bar	7.43	
		For Up To 100, Add	*4.92*	
		For >100 To 200, Add	*2.73*	
		For >200 To 400, Add	*1.32*	
03 21 13 00-0165	LF	#10, Grade 75, Walls, Galvanized Steel Reinforcement Bar	9.23	
		For Up To 100, Add	*4.98*	
		For >100 To 200, Add	*2.58*	
		For >200 To 300, Add	*1.29*	
03 21 13 00-0166	LF	#11, Grade 75, Walls, Galvanized Steel Reinforcement Bar	11.19	
		For Up To 100, Add	*6.08*	
		For >100 To 200, Add	*3.15*	
		For >200 To 300, Add	*1.57*	
03 21 13 00-0167	LF	#14, Grade 75, Walls, Galvanized Steel Reinforcement Bar	15.80	
		For Up To 100, Add	*8.66*	
		For >100 To 200, Add	*4.47*	
		For >200 To 300, Add	*2.23*	
03 21 13 00-0168	LF	#18, Grade 75, Walls, Galvanized Steel Reinforcement Bar	27.56	
		For Up To 100, Add	*15.24*	
		For >100 To 200, Add	*7.84*	
		For >200 To 300, Add	*3.92*	

03 21 16 Epoxy-Coated Reinforcement Steel Bars *(03 21)*

03 21 16 00-0001 Beams And Girders, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0002	LF	#3, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.02	
		For Up To 100, Add	*0.74*	
		For >100 To 200, Add	*0.39*	
		For >200 To 500, Add	*0.16*	
03 21 16 00-0003	LF	#4, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.73	
		For Up To 100, Add	*1.27*	
		For >100 To 200, Add	*0.68*	
		For >200 To 500, Add	*0.27*	
03 21 16 00-0004	LF	#5, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.62	
		For Up To 100, Add	*1.96*	
		For >100 To 200, Add	*1.04*	
		For >200 To 500, Add	*0.41*	
03 21 16 00-0005	LF	#6, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.64	
		For Up To 100, Add	*2.76*	
		For >100 To 200, Add	*1.46*	
		For >200 To 500, Add	*0.58*	
03 21 16 00-0006	LF	#3, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.04	
		For Up To 100, Add	*0.76*	
		For >100 To 200, Add	*0.40*	
		For >200 To 500, Add	*0.16*	
03 21 16 00-0007	LF	#4, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.76	
		For Up To 100, Add	*1.30*	
		For >100 To 200, Add	*0.69*	
		For >200 To 500, Add	*0.28*	
03 21 16 00-0008	LF	#5, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.67	
		For Up To 100, Add	*2.01*	
		For >100 To 200, Add	*1.06*	
		For >200 To 500, Add	*0.42*	
03 21 16 00-0009	LF	#6, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.72	
		For Up To 100, Add	*2.84*	
		For >100 To 200, Add	*1.50*	
		For >200 To 500, Add	*0.60*	
03 21 16 00-0010	LF	#3, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.06	
		For Up To 100, Add	*0.78*	
		For >100 To 200, Add	*0.41*	
		For >200 To 500, Add	*0.17*	
03 21 16 00-0011	LF	#4, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.82	
		For Up To 100, Add	*1.36*	
		For >100 To 200, Add	*0.72*	
		For >200 To 500, Add	*0.29*	
03 21 16 00-0012	LF	#5, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.75	
		For Up To 100, Add	*2.09*	
		For >100 To 200, Add	*1.10*	
		For >200 To 500, Add	*0.44*	
03 21 16 00-0013	LF	#6, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.83	
		For Up To 100, Add	*2.95*	
		For >100 To 200, Add	*1.55*	
		For >200 To 500, Add	*0.62*	
03 21 16 00-0014	LF	#7, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	5.03	
		For Up To 100, Add	*3.05*	
		For >100 To 200, Add	*1.74*	
		For >200 To 400, Add	*0.83*	
03 21 16 00-0015	LF	#8, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	6.34	
		For Up To 100, Add	*3.91*	
		For >100 To 200, Add	*2.22*	
		For >200 To 400, Add	*1.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0016	LF	#9, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	7.85	
		For Up To 100, Add	*4.90*	
		For >100 To 200, Add	*2.77*	
		For >200 To 400, Add	*1.32*	
03 21 16 00-0017	LF	#10, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	9.68	
		For Up To 100, Add	*4.94*	
		For >100 To 200, Add	*2.62*	
		For >200 To 300, Add	*1.31*	
03 21 16 00-0018	LF	#11, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	11.62	
		For Up To 100, Add	*6.00*	
		For >100 To 200, Add	*3.16*	
		For >200 To 300, Add	*1.58*	
03 21 16 00-0019	LF	#14, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	16.27	
		For Up To 100, Add	*8.51*	
		For >100 To 200, Add	*4.46*	
		For >200 To 300, Add	*2.23*	
03 21 16 00-0020	LF	#18, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	28.10	
		For Up To 100, Add	*14.87*	
		For >100 To 200, Add	*7.77*	
		For >200 To 300, Add	*3.88*	
03 21 16 00-0021	LF	#6, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.94	
		For Up To 100, Add	*3.06*	
		For >100 To 200, Add	*1.61*	
		For >200 To 500, Add	*0.64*	
03 21 16 00-0022	LF	#7, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	5.18	
		For Up To 100, Add	*3.17*	
		For >100 To 200, Add	*1.80*	
		For >200 To 400, Add	*0.86*	
03 21 16 00-0023	LF	#8, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	6.54	
		For Up To 100, Add	*4.06*	
		For >100 To 200, Add	*2.30*	
		For >200 To 400, Add	*1.10*	
03 21 16 00-0024	LF	#9, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	8.10	
		For Up To 100, Add	*5.08*	
		For >100 To 200, Add	*2.87*	
		For >200 To 400, Add	*1.37*	
03 21 16 00-0025	LF	#10, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	10.00	
		For Up To 100, Add	*5.14*	
		For >100 To 200, Add	*2.71*	
		For >200 To 300, Add	*1.36*	
03 21 16 00-0026	LF	#11, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	12.02	
		For Up To 100, Add	*6.24*	
		For >100 To 200, Add	*3.28*	
		For >200 To 300, Add	*1.64*	
03 21 16 00-0027	LF	#14, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	16.85	
		For Up To 100, Add	*8.85*	
		For >100 To 200, Add	*4.64*	
		For >200 To 300, Add	*2.32*	
03 21 16 00-0028	LF	#18, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	29.12	
		For Up To 100, Add	*15.49*	
		For >100 To 200, Add	*8.07*	
		For >200 To 300, Add	*4.04*	

03 21 16 00-0029 Columns, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0030	LF	#3, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	1.06	
		For Up To 100, Add	*0.75*	
		For >100 To 200, Add	*0.40*	
		For >200 To 500, Add	*0.16*	
03 21 16 00-0031	LF	#4, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	1.82	
		For Up To 100, Add	*1.31*	
		For >100 To 200, Add	*0.70*	
		For >200 To 500, Add	*0.28*	
03 21 16 00-0032	LF	#5, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	2.73	
		For Up To 100, Add	*2.00*	
		For >100 To 200, Add	*1.06*	
		For >200 To 500, Add	*0.43*	
03 21 16 00-0033	LF	#6, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	3.79	
		For Up To 100, Add	*2.82*	
		For >100 To 200, Add	*1.49*	
		For >200 To 500, Add	*0.60*	
03 21 16 00-0034	LF	#3, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	1.08	
		For Up To 100, Add	*0.77*	
		For >100 To 200, Add	*0.41*	
		For >200 To 500, Add	*0.17*	
03 21 16 00-0035	LF	#4, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	1.85	
		For Up To 100, Add	*1.34*	
		For >100 To 200, Add	*0.71*	
		For >200 To 500, Add	*0.29*	
03 21 16 00-0036	LF	#5, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	2.78	
		For Up To 100, Add	*2.05*	
		For >100 To 200, Add	*1.09*	
		For >200 To 500, Add	*0.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0037	LF	#6, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	3.87	
		For Up To 100, Add	*2.90*	
		For >100 To 200, Add	*1.53*	
		For >200 To 500, Add	*0.61*	
03 21 16 00-0038	LF	#3, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	1.10	
		For Up To 100, Add	*0.79*	
		For >100 To 200, Add	*0.42*	
		For >200 To 500, Add	*0.17*	
03 21 16 00-0039	LF	#4, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	1.91	
		For Up To 100, Add	*1.40*	
		For >100 To 200, Add	*0.74*	
		For >200 To 500, Add	*0.30*	
03 21 16 00-0040	LF	#5, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	2.86	
		For Up To 100, Add	*2.13*	
		For >100 To 200, Add	*1.13*	
		For >200 To 500, Add	*0.45*	
03 21 16 00-0041	LF	#6, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	3.98	
		For Up To 100, Add	*3.01*	
		For >100 To 200, Add	*1.59*	
		For >200 To 500, Add	*0.64*	
03 21 16 00-0042	LF	#7, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	5.21	
		For Up To 100, Add	*3.12*	
		For >100 To 200, Add	*1.79*	
		For >200 To 400, Add	*0.84*	
03 21 16 00-0043	LF	#8, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	6.54	
		For Up To 100, Add	*3.98*	
		For >100 To 200, Add	*2.27*	
		For >200 To 400, Add	*1.08*	
03 21 16 00-0044	LF	#9, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	8.09	
		For Up To 100, Add	*4.98*	
		For >100 To 200, Add	*2.83*	
		For >200 To 400, Add	*1.35*	
03 21 16 00-0045	LF	#10, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	9.96	
		For Up To 100, Add	*5.03*	
		For >100 To 200, Add	*2.67*	
		For >200 To 300, Add	*1.34*	
03 21 16 00-0046	LF	#11, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	11.94	
		For Up To 100, Add	*6.10*	
		For >100 To 200, Add	*3.23*	
		For >200 To 300, Add	*1.61*	
03 21 16 00-0047	LF	#14, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	16.69	
		For Up To 100, Add	*8.63*	
		For >100 To 200, Add	*4.55*	
		For >200 To 300, Add	*2.27*	
03 21 16 00-0048	LF	#18, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	28.75	
		For Up To 100, Add	*15.07*	
		For >100 To 200, Add	*7.90*	
		For >200 To 300, Add	*3.95*	
03 21 16 00-0049	LF	#6, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	4.09	
		For Up To 100, Add	*3.12*	
		For >100 To 200, Add	*1.64*	
		For >200 To 500, Add	*0.66*	
03 21 16 00-0050	LF	#7, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	5.36	
		For Up To 100, Add	*3.23*	
		For >100 To 200, Add	*1.85*	
		For >200 To 400, Add	*0.87*	
03 21 16 00-0051	LF	#8, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	6.74	
		For Up To 100, Add	*4.13*	
		For >100 To 200, Add	*2.35*	
		For >200 To 400, Add	*1.12*	
03 21 16 00-0052	LF	#9, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	8.34	
		For Up To 100, Add	*5.17*	
		For >100 To 200, Add	*2.93*	
		For >200 To 400, Add	*1.40*	
03 21 16 00-0053	LF	#10, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	10.28	
		For Up To 100, Add	*5.22*	
		For >100 To 200, Add	*2.77*	
		For >200 To 300, Add	*1.38*	
03 21 16 00-0054	LF	#11, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	12.34	
		For Up To 100, Add	*6.34*	
		For >100 To 200, Add	*3.35*	
		For >200 To 300, Add	*1.67*	
03 21 16 00-0055	LF	#14, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	17.27	
		For Up To 100, Add	*8.98*	
		For >100 To 200, Add	*4.72*	
		For >200 To 300, Add	*2.36*	
03 21 16 00-0056	LF	#18, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	29.77	
		For Up To 100, Add	*15.68*	
		For >100 To 200, Add	*8.20*	
		For >200 To 300, Add	*4.10*	

03 21 16 00-0057 Footings, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*
Note: ASTM A-775 Epoxy Coated Steel.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0058	LF	#3, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	0.95	
		For Up To 100, Add	*0.71*	
		For >100 To 200, Add	*0.38*	
		For >200 To 500, Add	*0.15*	
03 21 16 00-0059	LF	#4, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	1.62	
		For Up To 100, Add	*1.23*	
		For >100 To 200, Add	*0.65*	
		For >200 To 500, Add	*0.26*	
03 21 16 00-0060	LF	#5, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	2.46	
		For Up To 100, Add	*1.90*	
		For >100 To 200, Add	*1.00*	
		For >200 To 500, Add	*0.40*	
03 21 16 00-0061	LF	#6, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	3.43	
		For Up To 100, Add	*2.68*	
		For >100 To 200, Add	*1.40*	
		For >200 To 500, Add	*0.56*	
03 21 16 00-0062	LF	#3, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	0.97	
		For Up To 100, Add	*0.73*	
		For >100 To 200, Add	*0.39*	
		For >200 To 500, Add	*0.15*	
03 21 16 00-0063	LF	#4, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	1.65	
03 21 16 00-0064	LF	#5, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	2.51	
		For Up To 100, Add	*1.95*	
		For >100 To 200, Add	*1.02*	
		For >200 To 500, Add	*0.41*	
03 21 16 00-0065	LF	#6, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	3.51	
		For Up To 100, Add	*2.76*	
		For >100 To 200, Add	*1.44*	
		For >200 To 500, Add	*0.58*	
03 21 16 00-0066	LF	#3, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	0.99	
		For Up To 100, Add	*0.75*	
		For >100 To 200, Add	*0.40*	
		For >200 To 500, Add	*0.16*	
03 21 16 00-0067	LF	#4, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	1.71	
		For Up To 100, Add	*1.32*	
		For >100 To 200, Add	*0.69*	
		For >200 To 500, Add	*0.28*	
03 21 16 00-0068	LF	#5, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	2.59	
		For Up To 100, Add	*2.03*	
		For >100 To 200, Add	*1.06*	
		For >200 To 500, Add	*0.42*	
03 21 16 00-0069	LF	#6, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	3.62	
		For Up To 100, Add	*2.87*	
		For >100 To 200, Add	*1.50*	
		For >200 To 500, Add	*0.60*	
03 21 16 00-0070	LF	#7, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	4.77	
		For Up To 100, Add	*2.96*	
		For >100 To 200, Add	*1.68*	
		For >200 To 400, Add	*0.80*	
03 21 16 00-0071	LF	#8, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	6.02	
		For Up To 100, Add	*3.80*	
		For >100 To 200, Add	*2.14*	
		For >200 To 400, Add	*1.02*	
03 21 16 00-0072	LF	#9, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	7.48	
		For Up To 100, Add	*4.77*	
		For >100 To 200, Add	*2.68*	
		For >200 To 400, Add	*1.29*	
03 21 16 00-0073	LF	#10, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	9.24	
		For Up To 100, Add	*4.81*	
		For >100 To 200, Add	*2.53*	
		For >200 To 300, Add	*1.26*	
03 21 16 00-0074	LF	#11, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	11.14	
		For Up To 100, Add	*5.86*	
		For >100 To 200, Add	*3.07*	
		For >200 To 300, Add	*1.53*	
03 21 16 00-0075	LF	#14, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	15.64	
		For Up To 100, Add	*8.32*	
		For >100 To 200, Add	*4.34*	
		For >200 To 300, Add	*2.17*	
03 21 16 00-0076	LF	#18, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	27.09	
		For Up To 100, Add	*14.57*	
		For >100 To 200, Add	*7.57*	
		For >200 To 300, Add	*3.78*	
03 21 16 00-0077	LF	#6, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	3.73	
		For Up To 100, Add	*2.98*	
		For >100 To 200, Add	*1.55*	
		For >200 To 500, Add	*0.62*	
03 21 16 00-0078	LF	#7, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	4.92	
		For Up To 100, Add	*3.07*	
		For >100 To 200, Add	*1.74*	
		For >200 To 400, Add	*0.83*	
03 21 16 00-0079	LF	#8, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	6.22	
		For Up To 100, Add	*3.95*	
		For >100 To 200, Add	*2.22*	
		For >200 To 400, Add	*1.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0080	LF	#9, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	7.73	
		For Up To 100, Add	*4.95*	
		For >100 To 200, Add	*2.78*	
		For >200 To 400, Add	*1.34*	
03 21 16 00-0081	LF	#10, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	9.56	
		For Up To 100, Add	*5.00*	
		For >100 To 200, Add	*2.62*	
		For >200 To 300, Add	*1.31*	
03 21 16 00-0082	LF	#11, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	11.54	
		For Up To 100, Add	*6.10*	
		For >100 To 200, Add	*3.19*	
		For >200 To 300, Add	*1.59*	
03 21 16 00-0083	LF	#14, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	16.22	
		For Up To 100, Add	*8.66*	
		For >100 To 200, Add	*4.51*	
		For >200 To 300, Add	*2.26*	
03 21 16 00-0084	LF	#18, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	28.11	
		For Up To 100, Add	*15.18*	
		For >100 To 200, Add	*7.87*	
		For >200 To 300, Add	*3.94*	

03 21 16 00-0085 Slab On Grade, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0086	LF	#3, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	0.93	
		For Up To 100, Add	*0.70*	
		For >100 To 200, Add	*0.37*	
		For >200 To 500, Add	*0.15*	
03 21 16 00-0087	LF	#4, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.59	
		For Up To 100, Add	*1.22*	
		For >100 To 200, Add	*0.64*	
		For >200 To 500, Add	*0.26*	
03 21 16 00-0088	LF	#5, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	2.40	
		For Up To 100, Add	*1.87*	
		For >100 To 200, Add	*0.98*	
		For >200 To 500, Add	*0.39*	
03 21 16 00-0089	LF	#6, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	3.34	
		For Up To 100, Add	*2.64*	
		For >100 To 200, Add	*1.38*	
		For >200 To 500, Add	*0.55*	
03 21 16 00-0090	LF	#3, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	0.95	
		For Up To 100, Add	*0.72*	
		For >100 To 200, Add	*0.38*	
		For >200 To 500, Add	*0.15*	
03 21 16 00-0091	LF	#4, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.62	
		For Up To 100, Add	*1.25*	
		For >100 To 200, Add	*0.66*	
		For >200 To 500, Add	*0.26*	
03 21 16 00-0092	LF	#5, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	2.45	
		For Up To 100, Add	*1.92*	
		For >100 To 200, Add	*1.01*	
		For >200 To 500, Add	*0.40*	
03 21 16 00-0093	LF	#6, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	3.42	
		For Up To 100, Add	*2.72*	
		For >100 To 200, Add	*1.42*	
		For >200 To 500, Add	*0.57*	
03 21 16 00-0094	LF	#3, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	0.97	
		For Up To 100, Add	*0.74*	
		For >100 To 200, Add	*0.39*	
		For >200 To 500, Add	*0.16*	
03 21 16 00-0095	LF	#4, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.68	
		For Up To 100, Add	*1.31*	
		For >100 To 200, Add	*0.69*	
		For >200 To 500, Add	*0.27*	
03 21 16 00-0096	LF	#5, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	2.53	
		For Up To 100, Add	*2.00*	
		For >100 To 200, Add	*1.05*	
		For >200 To 500, Add	*0.42*	
03 21 16 00-0097	LF	#6, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	3.53	
		For Up To 100, Add	*2.83*	
		For >100 To 200, Add	*1.48*	
		For >200 To 500, Add	*0.59*	
03 21 16 00-0098	LF	#7, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	4.68	
		For Up To 100, Add	*2.93*	
		For >100 To 200, Add	*1.65*	
		For >200 To 400, Add	*0.79*	
03 21 16 00-0099	LF	#8, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	5.91	
		For Up To 100, Add	*3.76*	
		For >100 To 200, Add	*2.11*	
		For >200 To 400, Add	*1.01*	
03 21 16 00-0100	LF	#9, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	7.35	
		For Up To 100, Add	*4.72*	
		For >100 To 200, Add	*2.64*	
		For >200 To 400, Add	*1.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0101	LF	#10, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	9.10	
		For Up To 100, Add	*4.77*	
		For >100 To 200, Add	*2.50*	
		For >200 To 300, Add	*1.25*	
03 21 16 00-0102	LF	#11, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	10.98	
		For Up To 100, Add	*5.81*	
		For >100 To 200, Add	*3.04*	
		For >200 To 300, Add	*1.52*	
03 21 16 00-0103	LF	#14, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	15.42	
		For Up To 100, Add	*8.25*	
		For >100 To 200, Add	*4.29*	
		For >200 To 300, Add	*2.15*	
03 21 16 00-0104	LF	#18, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	26.77	
		For Up To 100, Add	*14.48*	
		For >100 To 200, Add	*7.50*	
		For >200 To 300, Add	*3.75*	
03 21 16 00-0105	LF	#6, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	3.64	
		For Up To 100, Add	*2.94*	
		For >100 To 200, Add	*1.53*	
		For >200 To 500, Add	*0.61*	
03 21 16 00-0106	LF	#7, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	4.83	
		For Up To 100, Add	*3.04*	
		For >100 To 200, Add	*1.71*	
		For >200 To 400, Add	*0.82*	
03 21 16 00-0107	LF	#8, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	6.11	
		For Up To 100, Add	*3.91*	
		For >100 To 200, Add	*2.19*	
		For >200 To 400, Add	*1.05*	
03 21 16 00-0108	LF	#9, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	7.60	
		For Up To 100, Add	*4.91*	
		For >100 To 200, Add	*2.74*	
		For >200 To 400, Add	*1.32*	
03 21 16 00-0109	LF	#10, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	9.42	
		For Up To 100, Add	*4.96*	
		For >100 To 200, Add	*2.60*	
		For >200 To 300, Add	*1.30*	
03 21 16 00-0110	LF	#11, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	11.38	
		For Up To 100, Add	*6.05*	
		For >100 To 200, Add	*3.16*	
		For >200 To 300, Add	*1.58*	
03 21 16 00-0111	LF	#14, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	16.00	
		For Up To 100, Add	*8.60*	
		For >100 To 200, Add	*4.47*	
		For >200 To 300, Add	*2.23*	
03 21 16 00-0112	LF	#18, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	27.79	
		For Up To 100, Add	*15.09*	
		For >100 To 200, Add	*7.81*	
		For >200 To 300, Add	*3.90*	

03 21 16 00-0113 Elevated Slabs, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0114	LF	#3, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	0.88	
		For Up To 100, Add	*0.68*	
		For >100 To 200, Add	*0.36*	
		For >200 To 500, Add	*0.14*	
03 21 16 00-0115	LF	#4, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.50	
		For Up To 100, Add	*1.18*	
		For >100 To 200, Add	*0.62*	
		For >200 To 500, Add	*0.25*	
03 21 16 00-0116	LF	#5, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	2.30	
		For Up To 100, Add	*1.83*	
		For >100 To 200, Add	*0.96*	
		For >200 To 500, Add	*0.38*	
03 21 16 00-0117	LF	#6, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	3.20	
		For Up To 100, Add	*2.59*	
		For >100 To 200, Add	*1.35*	
		For >200 To 500, Add	*0.54*	
03 21 16 00-0118	LF	#3, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	0.90	
		For Up To 100, Add	*0.70*	
		For >100 To 200, Add	*0.37*	
		For >200 To 500, Add	*0.15*	
03 21 16 00-0119	LF	#4, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.53	
		For Up To 100, Add	*1.21*	
		For >100 To 200, Add	*0.63*	
		For >200 To 500, Add	*0.25*	
03 21 16 00-0120	LF	#5, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	2.35	
		For Up To 100, Add	*1.88*	
		For >100 To 200, Add	*0.98*	
		For >200 To 500, Add	*0.39*	
03 21 16 00-0121	LF	#6, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	3.28	
		For Up To 100, Add	*2.67*	
		For >100 To 200, Add	*1.39*	
		For >200 To 500, Add	*0.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0122	LF	#3, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	0.92	
		For Up To 100, Add	*0.72*	
		For >100 To 200, Add	*0.38*	
		For >200 To 500, Add	*0.15*	
03 21 16 00-0123	LF	#4, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.59	
		For Up To 100, Add	*1.27*	
		For >100 To 200, Add	*0.66*	
		For >200 To 500, Add	*0.27*	
03 21 16 00-0124	LF	#5, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	2.43	
		For Up To 100, Add	*1.96*	
		For >100 To 200, Add	*1.02*	
		For >200 To 500, Add	*0.41*	
03 21 16 00-0125	LF	#6, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	3.39	
		For Up To 100, Add	*2.78*	
		For >100 To 200, Add	*1.44*	
		For >200 To 500, Add	*0.58*	
03 21 16 00-0126	LF	#7, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	4.50	
		For Up To 100, Add	*2.87*	
		For >100 To 200, Add	*1.61*	
		For >200 To 400, Add	*0.77*	
03 21 16 00-0127	LF	#8, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	5.70	
		For Up To 100, Add	*3.68*	
		For >100 To 200, Add	*2.06*	
		For >200 To 400, Add	*0.99*	
03 21 16 00-0128	LF	#9, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	7.11	
		For Up To 100, Add	*4.64*	
		For >100 To 200, Add	*2.58*	
		For >200 To 400, Add	*1.25*	
03 21 16 00-0129	LF	#10, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	8.82	
		For Up To 100, Add	*4.69*	
		For >100 To 200, Add	*2.44*	
		For >200 To 300, Add	*1.22*	
03 21 16 00-0130	LF	#11, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	10.65	
		For Up To 100, Add	*5.71*	
		For >100 To 200, Add	*2.97*	
		For >200 To 300, Add	*1.48*	
03 21 16 00-0131	LF	#14, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	15.01	
		For Up To 100, Add	*8.13*	
		For >100 To 200, Add	*4.21*	
		For >200 To 300, Add	*2.11*	
03 21 16 00-0132	LF	#18, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	26.11	
		For Up To 100, Add	*14.28*	
		For >100 To 200, Add	*7.37*	
		For >200 To 300, Add	*3.69*	
03 21 16 00-0133	LF	#6, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	3.50	
		For Up To 100, Add	*2.89*	
		For >100 To 200, Add	*1.50*	
		For >200 To 500, Add	*0.60*	
03 21 16 00-0134	LF	#7, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	4.65	
		For Up To 100, Add	*2.98*	
		For >100 To 200, Add	*1.67*	
		For >200 To 400, Add	*0.80*	
03 21 16 00-0135	LF	#8, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	5.90	
		For Up To 100, Add	*3.83*	
		For >100 To 200, Add	*2.14*	
		For >200 To 400, Add	*1.03*	
03 21 16 00-0136	LF	#9, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	7.36	
		For Up To 100, Add	*4.82*	
		For >100 To 200, Add	*2.68*	
		For >200 To 400, Add	*1.30*	
03 21 16 00-0137	LF	#10, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	9.14	
		For Up To 100, Add	*4.88*	
		For >100 To 200, Add	*2.54*	
		For >200 To 300, Add	*1.27*	
03 21 16 00-0138	LF	#11, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	11.05	
		For Up To 100, Add	*5.95*	
		For >100 To 200, Add	*3.09*	
		For >200 To 300, Add	*1.54*	
03 21 16 00-0139	LF	#14, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	15.59	
		For Up To 100, Add	*8.48*	
		For >100 To 200, Add	*4.38*	
		For >200 To 300, Add	*2.19*	
03 21 16 00-0140	LF	#18, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	27.13	
		For Up To 100, Add	*14.89*	
		For >100 To 200, Add	*7.68*	
		For >200 To 300, Add	*3.84*	

03 21 16 00-0141 Walls, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0142	LF	#3, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	0.85	
		For Up To 100, Add	*0.67*	
		For >100 To 200, Add	*0.35*	
		For >200 To 500, Add	*0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0143	LF	#4, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	1.47	
		For Up To 100, Add	*1.17*	
		For >100 To 200, Add	*0.61*	
		For >200 To 500, Add	*0.24*	
03 21 16 00-0144	LF	#5, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	2.23	
		For Up To 100, Add	*1.80*	
		For >100 To 200, Add	*0.94*	
		For >200 To 500, Add	*0.38*	
03 21 16 00-0145	LF	#6, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	3.12	
		For Up To 100, Add	*2.56*	
		For >100 To 200, Add	*1.33*	
		For >200 To 500, Add	*0.53*	
03 21 16 00-0146	LF	#3, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	0.87	
		For Up To 100, Add	*0.69*	
		For >100 To 200, Add	*0.36*	
		For >200 To 500, Add	*0.14*	
03 21 16 00-0147	LF	#4, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	1.50	
		For Up To 100, Add	*1.20*	
		For >100 To 200, Add	*0.63*	
		For >200 To 500, Add	*0.25*	
03 21 16 00-0148	LF	#5, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	2.28	
		For Up To 100, Add	*1.85*	
		For >100 To 200, Add	*0.96*	
		For >200 To 500, Add	*0.39*	
03 21 16 00-0149	LF	#6, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	3.20	
		For Up To 100, Add	*2.64*	
		For >100 To 200, Add	*1.37*	
		For >200 To 500, Add	*0.55*	
03 21 16 00-0150	LF	#3, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	0.89	
		For Up To 100, Add	*0.71*	
		For >100 To 200, Add	*0.37*	
		For >200 To 500, Add	*0.15*	
03 21 16 00-0151	LF	#4, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	1.56	
		For Up To 100, Add	*1.26*	
		For >100 To 200, Add	*0.66*	
		For >200 To 500, Add	*0.26*	
03 21 16 00-0152	LF	#5, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	2.36	
		For Up To 100, Add	*1.93*	
		For >100 To 200, Add	*1.00*	
		For >200 To 500, Add	*0.40*	
03 21 16 00-0153	LF	#6, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	3.31	
		For Up To 100, Add	*2.75*	
		For >100 To 200, Add	*1.42*	
		For >200 To 500, Add	*0.57*	
03 21 16 00-0154	LF	#7, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	4.39	
		For Up To 100, Add	*2.83*	
		For >100 To 200, Add	*1.58*	
		For >200 To 400, Add	*0.76*	
03 21 16 00-0155	LF	#8, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	5.60	
		For Up To 100, Add	*3.65*	
		For >100 To 200, Add	*2.03*	
		For >200 To 400, Add	*0.98*	
03 21 16 00-0156	LF	#9, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	6.99	
		For Up To 100, Add	*4.59*	
		For >100 To 200, Add	*2.55*	
		For >200 To 400, Add	*1.24*	
03 21 16 00-0157	LF	#10, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	8.67	
		For Up To 100, Add	*4.64*	
		For >100 To 200, Add	*2.41*	
		For >200 To 300, Add	*1.21*	
03 21 16 00-0158	LF	#11, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	10.50	
		For Up To 100, Add	*5.67*	
		For >100 To 200, Add	*2.94*	
		For >200 To 300, Add	*1.47*	
03 21 16 00-0159	LF	#14, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	14.80	
		For Up To 100, Add	*8.06*	
		For >100 To 200, Add	*4.17*	
		For >200 To 300, Add	*2.08*	
03 21 16 00-0160	LF	#18, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	25.79	
		For Up To 100, Add	*14.18*	
		For >100 To 200, Add	*7.31*	
		For >200 To 300, Add	*3.65*	
03 21 16 00-0161	LF	#6, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	3.42	
		For Up To 100, Add	*2.86*	
		For >100 To 200, Add	*1.48*	
		For >200 To 500, Add	*0.59*	
03 21 16 00-0162	LF	#7, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	4.54	
		For Up To 100, Add	*2.94*	
		For >100 To 200, Add	*1.64*	
		For >200 To 400, Add	*0.79*	
03 21 16 00-0163	LF	#8, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	5.80	
		For Up To 100, Add	*3.80*	
		For >100 To 200, Add	*2.11*	
		For >200 To 400, Add	*1.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0164	LF	#9, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	7.24	
		For Up To 100, Add	*4.78*	
		For >100 To 200, Add	*2.65*	
		For >200 To 400, Add	*1.29*	
03 21 16 00-0165	LF	#10, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	8.99	
		For Up To 100, Add	*4.83*	
		For >100 To 200, Add	*2.51*	
		For >200 To 300, Add	*1.26*	
03 21 16 00-0166	LF	#11, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	10.90	
		For Up To 100, Add	*5.91*	
		For >100 To 200, Add	*3.06*	
		For >200 To 300, Add	*1.53*	
03 21 16 00-0167	LF	#14, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	15.38	
		For Up To 100, Add	*8.41*	
		For >100 To 200, Add	*4.34*	
		For >200 To 300, Add	*2.17*	
03 21 16 00-0168	LF	#18, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	26.81	
		For Up To 100, Add	*14.79*	
		For >100 To 200, Add	*7.61*	
		For >200 To 300, Add	*3.81*	

03 21 16 00-0169 Epoxy Coated Deformed Straight Dowels *(03 21 16)*

Note: Excludes drilling. See CSI section 02 41 19 13-0269 for drilling in concrete, 05 05 19 00-0181 for chemical adhesive.

03 21 16 00-0170	EA	3/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	5.23	
		For Up To 12" Length, Deduct	*-0.67*	
		For >12" To <24" Length, Deduct	*-0.33*	
03 21 16 00-0171	EA	1/2" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	6.34	
		For Up To 12" Length, Deduct	*-1.02*	
		For >12" To <24" Length, Deduct	*-0.51*	
03 21 16 00-0172	EA	5/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	8.04	
		For Up To 12" Length, Deduct	*-1.51*	
		For >12" To <24" Length, Deduct	*-0.76*	
03 21 16 00-0173	EA	3/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	10.08	
		For Up To 12" Length, Deduct	*-2.01*	
		For >12" To <24" Length, Deduct	*-1.00*	
03 21 16 00-0174	EA	7/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	12.37	
		For Up To 12" Length, Deduct	*-2.74*	
		For >12" To <24" Length, Deduct	*-1.37*	
03 21 16 00-0175	EA	1" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	14.52	
		For Up To 12" Length, Deduct	*-3.37*	
		For >12" To <24" Length, Deduct	*-1.68*	
03 21 16 00-0176	EA	1-1/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	17.21	
		For Up To 12" Length, Deduct	*-4.08*	
		For >12" To <24" Length, Deduct	*-2.04*	
03 21 16 00-0177	EA	1-1/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	20.75	
		For Up To 12" Length, Deduct	*-4.94*	
		For >12" To <24" Length, Deduct	*-2.47*	

03 21 16 00-0178 Epoxy Coated Deformed Straight Dowel Assemblies *(03 21 16)*

Note: Includes horizontal drilling in concrete to 12" depth, placement of epoxy in hole, and rebar

03 21 16 00-0179	EA	3/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel Assembly Note: Includes horizontal drilling in concrete to 12" depth, placement of epoxy in hole, and rebar	58.21
03 21 16 00-0180	EA	1/2" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel Assembly Note: Includes horizontal drilling in concrete to 12" depth, placement of epoxy in hole, and rebar	65.19
03 21 16 00-0181	EA	5/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel Assembly Note: Includes horizontal drilling in concrete to 12" depth, placement of epoxy in hole, and rebar	73.20
03 21 16 00-0182	EA	3/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel Assembly Note: Includes horizontal drilling in concrete to 12" depth, placement of epoxy in hole, and rebar	84.83
03 21 16 00-0183	EA	7/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel Assembly Note: Includes horizontal drilling in concrete to 12" depth, placement of epoxy in hole, and rebar	92.34
03 21 16 00-0184	EA	1" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel Assembly Note: Includes horizontal drilling in concrete to 12" depth, placement of epoxy in hole, and rebar	110.58

03 30 Cast-In-Place Concrete *(03)*

See CSI section 01 74 19 00-0040 for hauling over 15 miles.

03 30 53 Miscellaneous Cast-in-Place Concrete *(03 30)*

03 30 53 00-0001 Place Concrete Duct Bank *(03 30 53)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 30 53 00-0002	CY	Direct Chute, Place 3,000 PSI Concrete Duct Bank	223.25	
		For 2,000 PSI Concrete, Deduct	*-9.90*	
		For 2,500 PSI Concrete, Deduct	*-4.95*	
		For 3,500 PSI Concrete, Add	*9.17*	
		For 3,750 PSI Concrete, Add	*12.47*	
		For 4,000 PSI Concrete, Add	*15.77*	
		For 4,500 PSI Concrete, Add	*18.33*	
		For 5,000 PSI Concrete, Add	*20.90*	
		For 6,000 PSI Concrete, Add	*49.50*	
		For White Cement Concrete, Add	*22.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.83*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.33*	
		For Lightweight Aggregate, ASTM C330, Add	*64.17*	
		For Up To 20, Add	*15.96*	
		For >20 To 50, Add	*5.99*	
		For >100 To 200, Deduct	*-4.47*	
		For >200 To 400, Deduct	*-8.93*	
		For >400, Deduct	*-13.40*	

03 30 53 00-0003 Place Concrete Thrust Blocks And Backfill *(03 30 53)*

03 30 53 00-0004	CY	Direct Chute, Place 3,000 PSI Concrete Thrust Blocks	273.45	
		For 2,000 PSI Concrete, Deduct	*-9.90*	
		For 2,500 PSI Concrete, Deduct	*-4.95*	
		For 3,500 PSI Concrete, Add	*9.17*	
		For 3,750 PSI Concrete, Add	*12.47*	
		For 4,000 PSI Concrete, Add	*15.77*	
		For 4,500 PSI Concrete, Add	*18.34*	
		For 5,000 PSI Concrete, Add	*20.90*	
		For 6,000 PSI Concrete, Add	*49.50*	
		For White Cement Concrete, Add	*22.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.84*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.34*	
		For Lightweight Aggregate, ASTM C330, Add	*64.17*	
		For Up To 20, Add	*36.04*	
		For >20 To 50, Add	*13.52*	
		For >100 To 200, Deduct	*-5.47*	
		For >200 To 400, Deduct	*-10.94*	
		For >400, Deduct	*-16.41*	

03 30 53 00-0005 Place Concrete Slurry *(03 30 53)*

03 30 53 00-0006	CY	Direct Chute, Place Two Sack Cement, Concrete Slurry Note: Two 94# sack cement per CY.	208.14	
03 30 53 00-0007	CY	Concrete Pump, Place Two Sack Cement, Concrete Slurry Note: Two 94# sack cement per CY. Excludes pumping equipment.	200.19	

03 30 53 00-0008 Hand Mix And Place Concrete *(03 30 53)*

03 30 53 00-0009	CF	Hand Mix And Place 3,000 PSI Concrete Note: For use where conventional equipment access is limited or when directed by the owner. Includes local aggregate, sand, bagged cement (Type I) and water.	21.49	
		For Up To 25 CF, Add	*2.54*	
		For 2,000 PSI Concrete, Deduct	*-0.42*	
		For 2,500 PSI Concrete, Deduct	*-0.21*	
		For 3,500 PSI Concrete, Add	*0.39*	
		For 3,750 PSI Concrete, Add	*0.53*	
		For 4,000 PSI Concrete, Add	*0.67*	
		For 4,500 PSI Concrete, Add	*0.78*	
		For 5,000 PSI Concrete, Add	*0.89*	
		For 6,000 PSI Concrete, Add	*2.12*	
		For White Cement Concrete, Add	*0.94*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*1.02*	
		For High Early Strength, Type 3 ASTM C150, Add	*0.78*	
		For Lightweight Aggregate, ASTM C330, Add	*2.74*	

03 31 Structural Concrete *(03 30)*

03 31 13 Heavyweight Structural Concrete *(03 31)*

Note: Includes delivery, fuel charge and placement of material. See CSI section 02 41 00 00-0000 for demolition, 03 05 13 00-0001 for admixtures, 03 11 00 00-0000 for forming, 03 20 00 00-0000 for reinforcing, 03 31 13 00-0086 for small concrete purchases (short load), 03 35 00 00-0000 for finishing, 03 39 00 00-0000 for curing.

03 31 13 00-0001 Concrete Slab Assemblies *(03 31 13)*

03 31 13 00-0002 3,000 PSI Slab On Grade Concrete Slabs Assemblies *(03 31 13 00-0001)*

Note: Includes forms, welded wire reinforcement (where necessary), #3 to #6 reinforcing rods at 12" on center each way with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float, and finish for pedestrian slabs. Excludes excavation, base, earthwork, and expansion joints along existing slab. See CSI section 03 05 13 00-0001 for color additive alternative, 03 37 16 00-0001 for concrete pumping equipment.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0003	SF	4" 3,000 PSI Slab On Grade Concrete Slab Assembly	9.01	
		For 2,000 PSI Concrete, Deduct	*-0.24*	
		For 2,500 PSI Concrete, Deduct	*-0.12*	
		For 3,500 PSI Concrete, Add	*0.08*	
		For 4,000 PSI Concrete, Add	*0.28*	
		For 4,500 PSI Concrete, Add	*0.35*	
		For 5,000 PSI Concrete, Add	*0.40*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.58*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.85*	
		For Up To 500, Add	*3.63*	
		For >500 To 1,000, Add	*2.49*	
		For >1,000 To 2,000, Add	*1.36*	
		For >2,000 To 5,000, Add	*0.68*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000 To 35,000, Deduct	*-0.45*	
		For >35,000 To 50,000, Deduct	*-0.67*	
		For >50,000 To 70,000, Deduct	*-0.90*	
		For >70,000, Deduct	*-1.12*	
03 31 13 00-0004	SF	5" 3,000 PSI Slab On Grade Concrete Slab Assembly	9.83	
		For 2,000 PSI Concrete, Deduct	*-0.27*	
		For 2,500 PSI Concrete, Deduct	*-0.14*	
		For 3,500 PSI Concrete, Add	*0.10*	
		For 4,000 PSI Concrete, Add	*0.32*	
		For 4,500 PSI Concrete, Add	*0.40*	
		For 5,000 PSI Concrete, Add	*0.46*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.58*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.85*	
		For Up To 500, Add	*3.87*	
		For >500 To 1,000, Add	*2.67*	
		For >1,000 To 2,000, Add	*1.46*	
		For >2,000 To 5,000, Add	*0.73*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000 To 35,000, Deduct	*-0.50*	
		For >35,000 To 50,000, Deduct	*-0.74*	
		For >50,000 To 70,000, Deduct	*-0.99*	
		For >70,000, Deduct	*-1.24*	
03 31 13 00-0005	SF	6" 3,000 PSI Slab On Grade Concrete Slab Assembly	10.99	
		For 2,000 PSI Concrete, Deduct	*-0.32*	
		For 2,500 PSI Concrete, Deduct	*-0.16*	
		For 3,500 PSI Concrete, Add	*0.11*	
		For 4,000 PSI Concrete, Add	*0.37*	
		For 4,500 PSI Concrete, Add	*0.47*	
		For 5,000 PSI Concrete, Add	*0.54*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.58*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.85*	
		For Up To 500, Add	*4.23*	
		For >500 To 1,000, Add	*2.92*	
		For >1,000 To 2,000, Add	*1.61*	
		For >2,000 To 5,000, Add	*0.80*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000 To 35,000, Deduct	*-0.57*	
		For >35,000 To 50,000, Deduct	*-0.85*	
		For >50,000 To 70,000, Deduct	*-1.12*	
		For >70,000, Deduct	*-1.39*	
03 31 13 00-0006	SF	7" 3,000 PSI Slab On Grade Concrete Slab Assembly	12.10	
		For 2,000 PSI Concrete, Deduct	*-0.37*	
		For 2,500 PSI Concrete, Deduct	*-0.18*	
		For 3,500 PSI Concrete, Add	*0.13*	
		For 4,000 PSI Concrete, Add	*0.43*	
		For 4,500 PSI Concrete, Add	*0.54*	
		For 5,000 PSI Concrete, Add	*0.62*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.58*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.85*	
		For Up To 500, Add	*4.54*	
		For >500 To 1,000, Add	*3.14*	
		For >1,000 To 2,000, Add	*1.74*	
		For >2,000 To 5,000, Add	*0.87*	
		For >10,000 To 20,000, Deduct	*-0.34*	
		For >20,000 To 35,000, Deduct	*-0.64*	
		For >35,000 To 50,000, Deduct	*-0.95*	
		For >50,000 To 70,000, Deduct	*-1.25*	
		For >70,000, Deduct	*-1.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0007	SF	8" 3,000 PSI Slab On Grade Concrete Slab Assembly	13.04	
		For 2,000 PSI Concrete, Deduct	*-0.41*	
		For 2,500 PSI Concrete, Deduct	*-0.20*	
		For 3,500 PSI Concrete, Add	*0.14*	
		For 4,000 PSI Concrete, Add	*0.47*	
		For 4,500 PSI Concrete, Add	*0.59*	
		For 5,000 PSI Concrete, Add	*0.69*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.58*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.85*	
		For Up To 500, Add	*4.81*	
		For >500 To 1,000, Add	*3.33*	
		For >1,000 To 2,000, Add	*1.86*	
		For >2,000 To 5,000, Add	*0.93*	
		For >10,000 To 20,000, Deduct	*-0.38*	
		For >20,000 To 35,000, Deduct	*-0.70*	
		For >35,000 To 50,000, Deduct	*-1.03*	
		For >50,000 To 70,000, Deduct	*-1.35*	
		For >70,000, Deduct	*-1.68*	
03 31 13 00-0008	SF	10" 3,000 PSI Slab On Grade Concrete Slab Assembly	15.44	
		For 2,000 PSI Concrete, Deduct	*-0.51*	
		For 2,500 PSI Concrete, Deduct	*-0.26*	
		For 3,500 PSI Concrete, Add	*0.18*	
		For 4,000 PSI Concrete, Add	*0.60*	
		For 4,500 PSI Concrete, Add	*0.75*	
		For 5,000 PSI Concrete, Add	*0.87*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.58*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.85*	
		For Up To 500, Add	*5.46*	
		For >500 To 1,000, Add	*3.80*	
		For >1,000 To 2,000, Add	*2.14*	
		For >2,000 To 5,000, Add	*1.07*	
		For >10,000 To 20,000, Deduct	*-0.48*	
		For >20,000 To 35,000, Deduct	*-0.86*	
		For >35,000 To 50,000, Deduct	*-1.25*	
		For >50,000 To 70,000, Deduct	*-1.63*	
		For >70,000, Deduct	*-2.02*	
03 31 13 00-0009	SF	12" 3,000 PSI Slab On Grade Concrete Slab Assembly	17.32	
		For 2,000 PSI Concrete, Deduct	*-0.59*	
		For 2,500 PSI Concrete, Deduct	*-0.30*	
		For 3,500 PSI Concrete, Add	*0.21*	
		For 4,000 PSI Concrete, Add	*0.69*	
		For 4,500 PSI Concrete, Add	*0.87*	
		For 5,000 PSI Concrete, Add	*1.00*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.58*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.85*	
		For Up To 500, Add	*6.01*	
		For >500 To 1,000, Add	*4.19*	
		For >1,000 To 2,000, Add	*2.37*	
		For >2,000 To 5,000, Add	*1.18*	
		For >10,000 To 20,000, Deduct	*-0.55*	
		For >20,000 To 35,000, Deduct	*-0.98*	
		For >35,000 To 50,000, Deduct	*-1.41*	
		For >50,000 To 70,000, Deduct	*-1.85*	
		For >70,000, Deduct	*-2.28*	

03 31 13 00-0010 Concrete Delivery And Placement *(03 31 13)*

Note: Includes cleaning out equipment and standard concrete placement tests.

03 31 13 00-0011 Place Concrete By Method Indicated *(03 31 13 00-0010)*

Note: Tasks for concrete placement "By Concrete Pump" exclude the pumping equipment. See CSI section 03 37 16 00-0001 for concrete pumping equipment.

03 31 13 00-0012 Place Concrete Pile Caps *(03 31 13 00-0011)*

03 31 13 00-0013	CY	Crane And Bucket, Place 3,000 PSI Concrete Pile Caps	333.94	
		For 2,000 PSI Concrete, Deduct	*-9.90*	
		For 2,500 PSI Concrete, Deduct	*-4.95*	
		For 3,500 PSI Concrete, Add	*9.17*	
		For 3,750 PSI Concrete, Add	*12.47*	
		For 4,000 PSI Concrete, Add	*15.77*	
		For 4,500 PSI Concrete, Add	*18.34*	
		For 5,000 PSI Concrete, Add	*20.90*	
		For 6,000 PSI Concrete, Add	*49.50*	
		For White Cement Concrete, Add	*22.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.84*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.34*	
		For Lightweight Aggregate, ASTM C330, Add	*64.17*	
		For Up To 20, Add	*60.24*	
		For >20 To 50, Add	*22.59*	
		For >100 To 200, Deduct	*-6.68*	
		For >200 To 400, Deduct	*-13.36*	
		For >400, Deduct	*-20.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0014	CY	Direct Chute, Place 3,000 PSI Concrete Pile Caps	249.60	
		For 2,000 PSI Concrete, Deduct	*-9.90*	
		For 2,500 PSI Concrete, Deduct	*-4.95*	
		For 3,500 PSI Concrete, Add	*9.17*	
		For 3,750 PSI Concrete, Add	*12.47*	
		For 4,000 PSI Concrete, Add	*15.77*	
		For 4,500 PSI Concrete, Add	*18.34*	
		For 5,000 PSI Concrete, Add	*20.90*	
		For 6,000 PSI Concrete, Add	*49.50*	
		For White Cement Concrete, Add	*22.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.84*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.34*	
		For Lightweight Aggregate, ASTM C330, Add	*64.17*	
		For Up To 20, Add	*26.50*	
		For >20 To 50, Add	*9.94*	
		For >100 To 200, Deduct	*-4.99*	
		For >200 To 400, Deduct	*-9.98*	
		For >400, Deduct	*-14.98*	
03 31 13 00-0015	CY	Concrete Pump, Place 3,000 PSI Concrete Pile Caps Note: Excludes pumping equipment.	261.71	
		For 2,000 PSI Concrete, Deduct	*-10.73*	
		For 2,500 PSI Concrete, Deduct	*-5.36*	
		For 3,500 PSI Concrete, Add	*9.93*	
		For 3,750 PSI Concrete, Add	*13.51*	
		For 4,000 PSI Concrete, Add	*17.08*	
		For 4,500 PSI Concrete, Add	*19.86*	
		For 5,000 PSI Concrete, Add	*22.64*	
		For 6,000 PSI Concrete, Add	*53.63*	
		For White Cement Concrete, Add	*23.83*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.82*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.86*	
		For Lightweight Aggregate, ASTM C330, Add	*69.52*	
		For Up To 20, Add	*25.24*	
		For >20 To 50, Add	*9.46*	
		For >100 To 200, Deduct	*-5.23*	
		For >200 To 400, Deduct	*-10.47*	
		For >400, Deduct	*-15.70*	

03 31 13 00-0016 Place Concrete Continuous Footings *(03 31 13 00-0011)*

03 31 13 00-0017	CY	Crane And Bucket, Place 3,000 PSI Concrete Continuous Footings	317.20	
		For 2,000 PSI Concrete, Deduct	*-9.90*	
		For 2,500 PSI Concrete, Deduct	*-4.95*	
		For 3,500 PSI Concrete, Add	*9.17*	
		For 3,750 PSI Concrete, Add	*12.47*	
		For 4,000 PSI Concrete, Add	*15.77*	
		For 4,500 PSI Concrete, Add	*18.34*	
		For 5,000 PSI Concrete, Add	*20.90*	
		For 6,000 PSI Concrete, Add	*49.50*	
		For White Cement Concrete, Add	*22.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.84*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.34*	
		For Lightweight Aggregate, ASTM C330, Add	*64.17*	
		For Up To 20, Add	*53.54*	
		For >20 To 50, Add	*20.08*	
		For >100 To 200, Deduct	*-6.34*	
		For >200 To 400, Deduct	*-12.69*	
		For >400, Deduct	*-19.03*	
03 31 13 00-0018	CY	Direct Chute, Place 3,000 PSI Concrete Continuous Footings	242.24	
		For 2,000 PSI Concrete, Deduct	*-9.90*	
		For 2,500 PSI Concrete, Deduct	*-4.95*	
		For 3,500 PSI Concrete, Add	*9.17*	
		For 3,750 PSI Concrete, Add	*12.47*	
		For 4,000 PSI Concrete, Add	*15.77*	
		For 4,500 PSI Concrete, Add	*18.33*	
		For 5,000 PSI Concrete, Add	*20.90*	
		For 6,000 PSI Concrete, Add	*49.50*	
		For White Cement Concrete, Add	*22.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.83*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.33*	
		For Lightweight Aggregate, ASTM C330, Add	*64.17*	
		For Up To 20, Add	*23.56*	
		For >20 To 50, Add	*8.84*	
		For >100 To 200, Deduct	*-4.84*	
		For >200 To 400, Deduct	*-9.69*	
		For >400, Deduct	*-14.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0019	CY	Concrete Pump, Place 3,000 PSI Concrete Continuous Footings Note: Excludes pumping equipment.	254.70	
		For 2,000 PSI Concrete, Deduct	*-10.73*	
		For 2,500 PSI Concrete, Deduct	*-5.36*	
		For 3,500 PSI Concrete, Add	*9.93*	
		For 3,750 PSI Concrete, Add	*13.51*	
		For 4,000 PSI Concrete, Add	*17.08*	
		For 4,500 PSI Concrete, Add	*19.86*	
		For 5,000 PSI Concrete, Add	*22.64*	
		For 6,000 PSI Concrete, Add	*53.63*	
		For White Cement Concrete, Add	*23.83*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.82*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.86*	
		For Lightweight Aggregate, ASTM C330, Add	*69.52*	
		For Up To 20, Add	*22.43*	
		For >20 To 50, Add	*8.41*	
		For >100 To 200, Deduct	*-5.09*	
		For >200 To 400, Deduct	*-10.19*	
		For >400, Deduct	*-15.28*	

03 31 13 00-0020 Place Concrete Spread Footings *(03 31 13 00-0011)*

03 31 13 00-0021	CY	Crane And Bucket, Place 3,000 PSI Concrete Spread Footings	409.22	
		For 2,000 PSI Concrete, Deduct	*-9.90*	
		For 2,500 PSI Concrete, Deduct	*-4.95*	
		For 3,500 PSI Concrete, Add	*9.17*	
		For 3,750 PSI Concrete, Add	*12.47*	
		For 4,000 PSI Concrete, Add	*15.77*	
		For 4,500 PSI Concrete, Add	*18.33*	
		For 5,000 PSI Concrete, Add	*20.90*	
		For 6,000 PSI Concrete, Add	*49.50*	
		For White Cement Concrete, Add	*22.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.83*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.33*	
		For Lightweight Aggregate, ASTM C330, Add	*64.17*	
		For Up To 20, Add	*90.35*	
		For >20 To 50, Add	*33.88*	
		For >100 To 200, Deduct	*-8.18*	
		For >200 To 400, Deduct	*-16.37*	
		For >400, Deduct	*-24.55*	
03 31 13 00-0022	CY	Direct Chute, Place 3,000 PSI Concrete Spread Footings	282.72	
		For 2,000 PSI Concrete, Deduct	*-9.90*	
		For 2,500 PSI Concrete, Deduct	*-4.95*	
		For 3,500 PSI Concrete, Add	*9.17*	
		For 3,750 PSI Concrete, Add	*12.47*	
		For 4,000 PSI Concrete, Add	*15.77*	
		For 4,500 PSI Concrete, Add	*18.33*	
		For 5,000 PSI Concrete, Add	*20.90*	
		For 6,000 PSI Concrete, Add	*49.50*	
		For White Cement Concrete, Add	*22.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.83*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.33*	
		For Lightweight Aggregate, ASTM C330, Add	*64.17*	
		For Up To 20, Add	*39.75*	
		For >20 To 50, Add	*14.91*	
		For >100 To 200, Deduct	*-5.65*	
		For >200 To 400, Deduct	*-11.31*	
		For >400, Deduct	*-16.96*	
03 31 13 00-0023	CY	Concrete Pump, Place 3,000 PSI Concrete Spread Footings Note: Excludes pumping equipment.	293.27	
		For 2,000 PSI Concrete, Deduct	*-10.73*	
		For 2,500 PSI Concrete, Deduct	*-5.36*	
		For 3,500 PSI Concrete, Add	*9.93*	
		For 3,750 PSI Concrete, Add	*13.51*	
		For 4,000 PSI Concrete, Add	*17.08*	
		For 4,500 PSI Concrete, Add	*19.86*	
		For 5,000 PSI Concrete, Add	*22.64*	
		For 6,000 PSI Concrete, Add	*53.63*	
		For White Cement Concrete, Add	*23.83*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.82*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.86*	
		For Lightweight Aggregate, ASTM C330, Add	*69.52*	
		For Up To 20, Add	*37.86*	
		For >20 To 50, Add	*14.20*	
		For >100 To 200, Deduct	*-5.87*	
		For >200 To 400, Deduct	*-11.73*	
		For >400, Deduct	*-17.60*	

03 31 13 00-0024 Place Concrete Mat Foundation *(03 31 13 00-0011)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0025	CY	Crane And Bucket, Place 3,000 PSI Concrete Mat Foundation	223.49	
		For 2,000 PSI Concrete, Deduct	*-9.90*	
		For 2,500 PSI Concrete, Deduct	*-4.95*	
		For 3,500 PSI Concrete, Add	*9.17*	
		For 3,750 PSI Concrete, Add	*12.47*	
		For 4,000 PSI Concrete, Add	*15.77*	
		For 4,500 PSI Concrete, Add	*18.33*	
		For 5,000 PSI Concrete, Add	*20.90*	
		For 6,000 PSI Concrete, Add	*49.50*	
		For White Cement Concrete, Add	*22.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.83*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.33*	
		For Lightweight Aggregate, ASTM C330, Add	*64.17*	
		For Up To 20, Add	*16.06*	
		For >20 To 50, Add	*6.02*	
		For >100 To 200, Deduct	*-4.47*	
		For >200 To 400, Deduct	*-8.94*	
		For >400, Deduct	*-13.41*	
03 31 13 00-0026	CY	Direct Chute, Place 3,000 PSI Concrete Mat Foundation	201.01	
		For 2,000 PSI Concrete, Deduct	*-9.90*	
		For 2,500 PSI Concrete, Deduct	*-4.95*	
		For 3,500 PSI Concrete, Add	*9.17*	
		For 3,750 PSI Concrete, Add	*12.47*	
		For 4,000 PSI Concrete, Add	*15.77*	
		For 4,500 PSI Concrete, Add	*18.33*	
		For 5,000 PSI Concrete, Add	*20.90*	
		For 6,000 PSI Concrete, Add	*49.50*	
		For White Cement Concrete, Add	*22.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.83*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.33*	
		For Lightweight Aggregate, ASTM C330, Add	*64.17*	
		For Up To 20, Add	*7.07*	
		For >20 To 50, Add	*2.65*	
		For >100 To 200, Deduct	*-4.02*	
		For >200 To 400, Deduct	*-8.04*	
		For >400, Deduct	*-12.06*	
03 31 13 00-0027	CY	Concrete Pump, Place 3,000 PSI Concrete Mat Foundation Note: Excludes pumping equipment.	213.34	
		For 2,000 PSI Concrete, Deduct	*-10.73*	
		For 2,500 PSI Concrete, Deduct	*-5.36*	
		For 3,500 PSI Concrete, Add	*9.93*	
		For 3,750 PSI Concrete, Add	*13.51*	
		For 4,000 PSI Concrete, Add	*17.08*	
		For 4,500 PSI Concrete, Add	*19.86*	
		For 5,000 PSI Concrete, Add	*22.64*	
		For 6,000 PSI Concrete, Add	*53.63*	
		For White Cement Concrete, Add	*23.83*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.82*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.86*	
		For Lightweight Aggregate, ASTM C330, Add	*69.52*	
		For Up To 20, Add	*5.89*	
		For >20 To 50, Add	*2.21*	
		For >100 To 200, Deduct	*-4.27*	
		For >200 To 400, Deduct	*-8.53*	
		For >400, Deduct	*-12.80*	

03 31 13 00-0028 Place Concrete Grade Beams *(03 31 13 00-0011)*

03 31 13 00-0029	CY	Crane And Bucket, Place 3,000 PSI Concrete Grade Beams	290.43	
		For 2,000 PSI Concrete, Deduct	*-9.90*	
		For 2,500 PSI Concrete, Deduct	*-4.95*	
		For 3,500 PSI Concrete, Add	*9.17*	
		For 3,750 PSI Concrete, Add	*12.47*	
		For 4,000 PSI Concrete, Add	*15.77*	
		For 4,500 PSI Concrete, Add	*18.34*	
		For 5,000 PSI Concrete, Add	*20.90*	
		For 6,000 PSI Concrete, Add	*49.50*	
		For White Cement Concrete, Add	*22.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.84*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.34*	
		For Lightweight Aggregate, ASTM C330, Add	*64.17*	
		For Up To 20, Add	*42.83*	
		For >20 To 50, Add	*16.06*	
		For >100 To 200, Deduct	*-5.81*	
		For >200 To 400, Deduct	*-11.62*	
		For >400, Deduct	*-17.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0030	CY	Direct Chute, Place 3,000 PSI Concrete Grade Beams	230.45	
		For 2,000 PSI Concrete, Deduct	*-9.90*	
		For 2,500 PSI Concrete, Deduct	*-4.95*	
		For 3,500 PSI Concrete, Add	*9.17*	
		For 3,750 PSI Concrete, Add	*12.47*	
		For 4,000 PSI Concrete, Add	*15.77*	
		For 4,500 PSI Concrete, Add	*18.33*	
		For 5,000 PSI Concrete, Add	*20.90*	
		For 6,000 PSI Concrete, Add	*49.50*	
		For White Cement Concrete, Add	*22.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.83*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.33*	
		For Lightweight Aggregate, ASTM C330, Add	*64.17*	
		For Up To 20, Add	*18.84*	
		For >20 To 50, Add	*7.07*	
		For >100 To 200, Deduct	*-4.61*	
		For >200 To 400, Deduct	*-9.22*	
		For >400, Deduct	*-13.83*	
03 31 13 00-0031	CY	Concrete Pump, Place 3,000 PSI Concrete Grade Beams Note: Excludes pumping equipment.	243.49	
		For 2,000 PSI Concrete, Deduct	*-10.73*	
		For 2,500 PSI Concrete, Deduct	*-5.36*	
		For 3,500 PSI Concrete, Add	*9.93*	
		For 3,750 PSI Concrete, Add	*13.51*	
		For 4,000 PSI Concrete, Add	*17.08*	
		For 4,500 PSI Concrete, Add	*19.86*	
		For 5,000 PSI Concrete, Add	*22.64*	
		For 6,000 PSI Concrete, Add	*53.63*	
		For White Cement Concrete, Add	*23.83*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.82*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.86*	
		For Lightweight Aggregate, ASTM C330, Add	*69.52*	
		For Up To 20, Add	*17.95*	
		For >20 To 50, Add	*6.73*	
		For >100 To 200, Deduct	*-4.87*	
		For >200 To 400, Deduct	*-9.74*	
		For >400, Deduct	*-14.61*	

03 31 13 00-0032 Place Concrete Slab On Grade *(03 31 13 00-0011)*

03 31 13 00-0033	CY	Up To 6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade	292.93	
		For 2,000 PSI Concrete, Deduct	*-9.90*	
		For 2,500 PSI Concrete, Deduct	*-4.95*	
		For 3,500 PSI Concrete, Add	*9.17*	
		For 3,750 PSI Concrete, Add	*12.47*	
		For 4,000 PSI Concrete, Add	*15.77*	
		For 4,500 PSI Concrete, Add	*18.33*	
		For 5,000 PSI Concrete, Add	*20.90*	
		For 6,000 PSI Concrete, Add	*49.50*	
		For White Cement Concrete, Add	*22.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.83*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.33*	
		For Lightweight Aggregate, ASTM C330, Add	*64.17*	
		For Up To 20, Add	*43.84*	
		For >20 To 50, Add	*16.44*	
		For >100 To 200, Deduct	*-5.86*	
		For >200 To 400, Deduct	*-11.72*	
		For >400, Deduct	*-17.58*	
03 31 13 00-0034	CY	>6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade	266.50	
		For 2,000 PSI Concrete, Deduct	*-9.90*	
		For 2,500 PSI Concrete, Deduct	*-4.95*	
		For 3,500 PSI Concrete, Add	*9.17*	
		For 3,750 PSI Concrete, Add	*12.47*	
		For 4,000 PSI Concrete, Add	*15.77*	
		For 4,500 PSI Concrete, Add	*18.33*	
		For 5,000 PSI Concrete, Add	*20.90*	
		For 6,000 PSI Concrete, Add	*49.50*	
		For White Cement Concrete, Add	*22.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.83*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.33*	
		For Lightweight Aggregate, ASTM C330, Add	*64.17*	
		For Up To 20, Add	*33.26*	
		For >20 To 50, Add	*12.47*	
		For >100 To 200, Deduct	*-5.33*	
		For >200 To 400, Deduct	*-10.66*	
		For >400, Deduct	*-15.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0035	CY	Up To 6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade	231.56	
		For 2,000 PSI Concrete, Deduct	*-9.90*	
		For 2,500 PSI Concrete, Deduct	*-4.95*	
		For 3,500 PSI Concrete, Add	*9.17*	
		For 3,750 PSI Concrete, Add	*12.47*	
		For 4,000 PSI Concrete, Add	*15.77*	
		For 4,500 PSI Concrete, Add	*18.33*	
		For 5,000 PSI Concrete, Add	*20.90*	
		For 6,000 PSI Concrete, Add	*49.50*	
		For White Cement Concrete, Add	*22.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.83*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.33*	
		For Lightweight Aggregate, ASTM C330, Add	*64.17*	
		For Up To 20, Add	*19.29*	
		For >20 To 50, Add	*7.23*	
		For >100 To 200, Deduct	*-4.63*	
		For >200 To 400, Deduct	*-9.26*	
		For >400, Deduct	*-13.89*	
03 31 13 00-0036	CY	>6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade	219.92	
		For 2,000 PSI Concrete, Deduct	*-9.90*	
		For 2,500 PSI Concrete, Deduct	*-4.95*	
		For 3,500 PSI Concrete, Add	*9.17*	
		For 3,750 PSI Concrete, Add	*12.47*	
		For 4,000 PSI Concrete, Add	*15.77*	
		For 4,500 PSI Concrete, Add	*18.33*	
		For 5,000 PSI Concrete, Add	*20.90*	
		For 6,000 PSI Concrete, Add	*49.50*	
		For White Cement Concrete, Add	*22.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.83*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.33*	
		For Lightweight Aggregate, ASTM C330, Add	*64.17*	
		For Up To 20, Add	*14.63*	
		For >20 To 50, Add	*5.49*	
		For >100 To 200, Deduct	*-4.40*	
		For >200 To 400, Deduct	*-8.80*	
		For >400, Deduct	*-13.20*	
03 31 13 00-0037	CY	Up To 6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade Note: Excludes pumping equipment.	238.81	
		For 2,000 PSI Concrete, Deduct	*-10.73*	
		For 2,500 PSI Concrete, Deduct	*-5.36*	
		For 3,500 PSI Concrete, Add	*9.93*	
		For 3,750 PSI Concrete, Add	*13.51*	
		For 4,000 PSI Concrete, Add	*17.08*	
		For 4,500 PSI Concrete, Add	*19.86*	
		For 5,000 PSI Concrete, Add	*22.64*	
		For 6,000 PSI Concrete, Add	*53.63*	
		For White Cement Concrete, Add	*23.83*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.82*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.86*	
		For Lightweight Aggregate, ASTM C330, Add	*69.52*	
		For Up To 20, Add	*16.08*	
		For >20 To 50, Add	*6.03*	
		For >100 To 200, Deduct	*-4.78*	
		For >200 To 400, Deduct	*-9.55*	
		For >400, Deduct	*-14.33*	
03 31 13 00-0038	CY	>6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade Note: Excludes pumping equipment.	229.11	
		For 2,000 PSI Concrete, Deduct	*-10.73*	
		For 2,500 PSI Concrete, Deduct	*-5.36*	
		For 3,500 PSI Concrete, Add	*9.93*	
		For 3,750 PSI Concrete, Add	*13.51*	
		For 4,000 PSI Concrete, Add	*17.08*	
		For 4,500 PSI Concrete, Add	*19.86*	
		For 5,000 PSI Concrete, Add	*22.64*	
		For 6,000 PSI Concrete, Add	*53.63*	
		For White Cement Concrete, Add	*23.83*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.82*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.86*	
		For Lightweight Aggregate, ASTM C330, Add	*69.52*	
		For Up To 20, Add	*12.20*	
		For >20 To 50, Add	*4.57*	
		For >100 To 200, Deduct	*-4.58*	
		For >200 To 400, Deduct	*-9.16*	
		For >400, Deduct	*-13.75*	

03 31 13 00-0039 Place Concrete Stairs *(03 31 13 00-0011)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0040	CY	Crane And Bucket, Place 3,000 PSI On Grade Concrete Stairs	676.46	
		For 2,000 PSI Concrete, Deduct	*-9.90*	
		For 2,500 PSI Concrete, Deduct	*-4.95*	
		For 3,500 PSI Concrete, Add	*9.17*	
		For 3,750 PSI Concrete, Add	*12.47*	
		For 4,000 PSI Concrete, Add	*15.77*	
		For 4,500 PSI Concrete, Add	*18.34*	
		For 5,000 PSI Concrete, Add	*20.90*	
		For 6,000 PSI Concrete, Add	*49.50*	
		For White Cement Concrete, Add	*22.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.84*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.34*	
		For Lightweight Aggregate, ASTM C330, Add	*64.17*	
		For Up To 20, Add	*197.24*	
		For >20 To 50, Add	*73.97*	
		For >100 To 200, Deduct	*-13.53*	
		For >200 To 400, Deduct	*-27.06*	
		For >400, Deduct	*-40.59*	
03 31 13 00-0041	CY	Direct Chute, Place 3,000 PSI On Grade Concrete Stairs	400.33	
		For 2,000 PSI Concrete, Deduct	*-9.90*	
		For 2,500 PSI Concrete, Deduct	*-4.95*	
		For 3,500 PSI Concrete, Add	*9.17*	
		For 3,750 PSI Concrete, Add	*12.47*	
		For 4,000 PSI Concrete, Add	*15.77*	
		For 4,500 PSI Concrete, Add	*18.33*	
		For 5,000 PSI Concrete, Add	*20.90*	
		For 6,000 PSI Concrete, Add	*49.50*	
		For White Cement Concrete, Add	*22.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.83*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.33*	
		For Lightweight Aggregate, ASTM C330, Add	*64.17*	
		For Up To 20, Add	*86.80*	
		For >20 To 50, Add	*32.55*	
		For >100 To 200, Deduct	*-8.01*	
		For >200 To 400, Deduct	*-16.01*	
		For >400, Deduct	*-24.02*	
03 31 13 00-0042	CY	Concrete Pump, Place 3,000 PSI On Grade Concrete Stairs Note: Excludes pumping equipment.	379.46	
		For 2,000 PSI Concrete, Deduct	*-10.73*	
		For 2,500 PSI Concrete, Deduct	*-5.36*	
		For 3,500 PSI Concrete, Add	*9.93*	
		For 3,750 PSI Concrete, Add	*13.51*	
		For 4,000 PSI Concrete, Add	*17.08*	
		For 4,500 PSI Concrete, Add	*19.86*	
		For 5,000 PSI Concrete, Add	*22.64*	
		For 6,000 PSI Concrete, Add	*53.63*	
		For White Cement Concrete, Add	*23.83*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.82*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.86*	
		For Lightweight Aggregate, ASTM C330, Add	*69.52*	
		For Up To 20, Add	*72.34*	
		For >20 To 50, Add	*27.13*	
		For >100 To 200, Deduct	*-7.59*	
		For >200 To 400, Deduct	*-15.18*	
		For >400, Deduct	*-22.77*	

03 31 13 00-0043 Place Concrete Superstructure By Method Indicated *(03 31 13 00-0010)*

See CSI section 03 37 16 00-0001 for concrete pump truck.

03 31 13 00-0044 Place Elevated Concrete Beams *(03 31 13 00-0043)*

03 31 13 00-0045	CY	Crane And Bucket, Place 3,000 PSI Elevated Concrete Beams	451.04	
		For 2,000 PSI Concrete, Deduct	*-9.90*	
		For 2,500 PSI Concrete, Deduct	*-4.95*	
		For 3,500 PSI Concrete, Add	*9.17*	
		For 3,750 PSI Concrete, Add	*12.47*	
		For 4,000 PSI Concrete, Add	*15.77*	
		For 4,500 PSI Concrete, Add	*18.33*	
		For 5,000 PSI Concrete, Add	*20.90*	
		For 6,000 PSI Concrete, Add	*49.50*	
		For White Cement Concrete, Add	*22.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.83*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.33*	
		For Lightweight Aggregate, ASTM C330, Add	*64.17*	
		For Up To 20, Add	*107.08*	
		For >20 To 50, Add	*40.16*	
		For >100 To 200, Deduct	*-9.02*	
		For >200 To 400, Deduct	*-18.04*	
		For >400, Deduct	*-27.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0046	CY	Concrete Pump, Place 3,000 PSI Elevated Concrete Beams Note: Excludes pumping equipment.	310.79	
		For 2,000 PSI Concrete, Deduct	*-10.73*	
		For 2,500 PSI Concrete, Deduct	*-5.36*	
		For 3,500 PSI Concrete, Add	*9.93*	
		For 3,750 PSI Concrete, Add	*13.51*	
		For 4,000 PSI Concrete, Add	*17.08*	
		For 4,500 PSI Concrete, Add	*19.86*	
		For 5,000 PSI Concrete, Add	*22.64*	
		For 6,000 PSI Concrete, Add	*53.63*	
		For White Cement Concrete, Add	*23.83*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.82*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.86*	
		For Lightweight Aggregate, ASTM C330, Add	*69.52*	
		For Up To 20, Add	*44.87*	
		For >20 To 50, Add	*16.83*	
		For >100 To 200, Deduct	*-6.22*	
		For >200 To 400, Deduct	*-12.43*	
		For >400, Deduct	*-18.65*	

03 31 13 00-0047 Place Elevated Concrete Slab *(03 31 13 00-0043)*

03 31 13 00-0048	CY	Up To 6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab	309.38	
		For 2,000 PSI Concrete, Deduct	*-9.90*	
		For 2,500 PSI Concrete, Deduct	*-4.95*	
		For 3,500 PSI Concrete, Add	*9.17*	
		For 3,750 PSI Concrete, Add	*12.47*	
		For 4,000 PSI Concrete, Add	*15.77*	
		For 4,500 PSI Concrete, Add	*18.33*	
		For 5,000 PSI Concrete, Add	*20.90*	
		For 6,000 PSI Concrete, Add	*49.50*	
		For White Cement Concrete, Add	*22.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.83*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.33*	
		For Lightweight Aggregate, ASTM C330, Add	*64.17*	
		For Up To 20, Add	*50.42*	
		For >20 To 50, Add	*18.91*	
		For >100 To 200, Deduct	*-6.19*	
		For >200 To 400, Deduct	*-12.38*	
		For >400, Deduct	*-18.56*	
03 31 13 00-0049	CY	>6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab	278.96	
		For 2,000 PSI Concrete, Deduct	*-9.90*	
		For 2,500 PSI Concrete, Deduct	*-4.95*	
		For 3,500 PSI Concrete, Add	*9.17*	
		For 3,750 PSI Concrete, Add	*12.47*	
		For 4,000 PSI Concrete, Add	*15.77*	
		For 4,500 PSI Concrete, Add	*18.33*	
		For 5,000 PSI Concrete, Add	*20.90*	
		For 6,000 PSI Concrete, Add	*49.50*	
		For White Cement Concrete, Add	*22.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.83*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.33*	
		For Lightweight Aggregate, ASTM C330, Add	*64.17*	
		For Up To 20, Add	*38.25*	
		For >20 To 50, Add	*14.34*	
		For >100 To 200, Deduct	*-5.58*	
		For >200 To 400, Deduct	*-11.16*	
		For >400, Deduct	*-16.74*	
03 31 13 00-0050	CY	Up To 6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab Note: Excludes pumping equipment.	251.43	
		For 2,000 PSI Concrete, Deduct	*-10.73*	
		For 2,500 PSI Concrete, Deduct	*-5.36*	
		For 3,500 PSI Concrete, Add	*9.93*	
		For 3,750 PSI Concrete, Add	*13.51*	
		For 4,000 PSI Concrete, Add	*17.08*	
		For 4,500 PSI Concrete, Add	*19.86*	
		For 5,000 PSI Concrete, Add	*22.64*	
		For 6,000 PSI Concrete, Add	*53.63*	
		For White Cement Concrete, Add	*23.83*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.82*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.86*	
		For Lightweight Aggregate, ASTM C330, Add	*69.52*	
		For Up To 20, Add	*21.12*	
		For >20 To 50, Add	*7.92*	
		For >100 To 200, Deduct	*-5.03*	
		For >200 To 400, Deduct	*-10.06*	
		For >400, Deduct	*-15.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0051	CY	>6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab Note: Excludes pumping equipment.	238.69	
		For 2,000 PSI Concrete, Deduct	*-10.73*	
		For 2,500 PSI Concrete, Deduct	*-5.36*	
		For 3,500 PSI Concrete, Add	*9.93*	
		For 3,750 PSI Concrete, Add	*13.51*	
		For 4,000 PSI Concrete, Add	*17.08*	
		For 4,500 PSI Concrete, Add	*19.86*	
		For 5,000 PSI Concrete, Add	*22.64*	
		For 6,000 PSI Concrete, Add	*53.63*	
		For White Cement Concrete, Add	*23.83*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.82*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.86*	
		For Lightweight Aggregate, ASTM C330, Add	*69.52*	
		For Up To 20, Add	*16.03*	
		For >20 To 50, Add	*6.01*	
		For >100 To 200, Deduct	*-4.77*	
		For >200 To 400, Deduct	*-9.55*	
		For >400, Deduct	*-14.32*	

03 31 13 00-0052 Place Concrete Columns *(03 31 13 00-0043)*

03 31 13 00-0053	CY	12" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	472.48	
		For 2,000 PSI Concrete, Deduct	*-9.90*	
		For 2,500 PSI Concrete, Deduct	*-4.95*	
		For 3,500 PSI Concrete, Add	*9.17*	
		For 3,750 PSI Concrete, Add	*12.47*	
		For 4,000 PSI Concrete, Add	*15.77*	
		For 4,500 PSI Concrete, Add	*18.34*	
		For 5,000 PSI Concrete, Add	*20.90*	
		For 6,000 PSI Concrete, Add	*49.50*	
		For White Cement Concrete, Add	*22.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.84*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.34*	
		For Lightweight Aggregate, ASTM C330, Add	*64.17*	
		For Up To 20, Add	*115.65*	
		For >20 To 50, Add	*43.37*	
		For >100 To 200, Deduct	*-9.45*	
		For >200 To 400, Deduct	*-18.90*	
		For >400, Deduct	*-28.35*	
03 31 13 00-0054	CY	18" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	393.48	
		For 2,000 PSI Concrete, Deduct	*-9.90*	
		For 2,500 PSI Concrete, Deduct	*-4.95*	
		For 3,500 PSI Concrete, Add	*9.17*	
		For 3,750 PSI Concrete, Add	*12.47*	
		For 4,000 PSI Concrete, Add	*15.77*	
		For 4,500 PSI Concrete, Add	*18.33*	
		For 5,000 PSI Concrete, Add	*20.90*	
		For 6,000 PSI Concrete, Add	*49.50*	
		For White Cement Concrete, Add	*22.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.83*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.33*	
		For Lightweight Aggregate, ASTM C330, Add	*64.17*	
		For Up To 20, Add	*84.06*	
		For >20 To 50, Add	*31.52*	
		For >100 To 200, Deduct	*-7.87*	
		For >200 To 400, Deduct	*-15.74*	
		For >400, Deduct	*-23.61*	
03 31 13 00-0055	CY	24" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	337.01	
		For 2,000 PSI Concrete, Deduct	*-9.90*	
		For 2,500 PSI Concrete, Deduct	*-4.95*	
		For 3,500 PSI Concrete, Add	*9.17*	
		For 3,750 PSI Concrete, Add	*12.47*	
		For 4,000 PSI Concrete, Add	*15.77*	
		For 4,500 PSI Concrete, Add	*18.33*	
		For 5,000 PSI Concrete, Add	*20.90*	
		For 6,000 PSI Concrete, Add	*49.50*	
		For White Cement Concrete, Add	*22.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.83*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.33*	
		For Lightweight Aggregate, ASTM C330, Add	*64.17*	
		For Up To 20, Add	*61.47*	
		For >20 To 50, Add	*23.05*	
		For >100 To 200, Deduct	*-6.74*	
		For >200 To 400, Deduct	*-13.48*	
		For >400, Deduct	*-20.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0056	CY	36" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	311.85	
		For 2,000 PSI Concrete, Deduct	*-9.90*	
		For 2,500 PSI Concrete, Deduct	*-4.95*	
		For 3,500 PSI Concrete, Add	*9.17*	
		For 3,750 PSI Concrete, Add	*12.47*	
		For 4,000 PSI Concrete, Add	*15.77*	
		For 4,500 PSI Concrete, Add	*18.34*	
		For 5,000 PSI Concrete, Add	*20.90*	
		For 6,000 PSI Concrete, Add	*49.50*	
		For White Cement Concrete, Add	*22.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.84*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.34*	
		For Lightweight Aggregate, ASTM C330, Add	*64.17*	
		For Up To 20, Add	*51.40*	
		For >20 To 50, Add	*19.28*	
		For >100 To 200, Deduct	*-6.24*	
		For >200 To 400, Deduct	*-12.47*	
		For >400, Deduct	*-18.71*	
03 31 13 00-0057	CY	12" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns Note: Excludes pumping equipment.	319.77	
		For 2,000 PSI Concrete, Deduct	*-10.73*	
		For 2,500 PSI Concrete, Deduct	*-5.36*	
		For 3,500 PSI Concrete, Add	*9.93*	
		For 3,750 PSI Concrete, Add	*13.51*	
		For 4,000 PSI Concrete, Add	*17.08*	
		For 4,500 PSI Concrete, Add	*19.86*	
		For 5,000 PSI Concrete, Add	*22.64*	
		For 6,000 PSI Concrete, Add	*53.63*	
		For White Cement Concrete, Add	*23.83*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.82*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.86*	
		For Lightweight Aggregate, ASTM C330, Add	*69.52*	
		For Up To 20, Add	*48.46*	
		For >20 To 50, Add	*18.17*	
		For >100 To 200, Deduct	*-6.40*	
		For >200 To 400, Deduct	*-12.79*	
		For >400, Deduct	*-19.19*	
03 31 13 00-0058	CY	18" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns Note: Excludes pumping equipment.	286.68	
		For 2,000 PSI Concrete, Deduct	*-10.73*	
		For 2,500 PSI Concrete, Deduct	*-5.36*	
		For 3,500 PSI Concrete, Add	*9.93*	
		For 3,750 PSI Concrete, Add	*13.51*	
		For 4,000 PSI Concrete, Add	*17.08*	
		For 4,500 PSI Concrete, Add	*19.86*	
		For 5,000 PSI Concrete, Add	*22.64*	
		For 6,000 PSI Concrete, Add	*53.63*	
		For White Cement Concrete, Add	*23.83*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.82*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.86*	
		For Lightweight Aggregate, ASTM C330, Add	*69.52*	
		For Up To 20, Add	*35.22*	
		For >20 To 50, Add	*13.21*	
		For >100 To 200, Deduct	*-5.73*	
		For >200 To 400, Deduct	*-11.47*	
		For >400, Deduct	*-17.20*	
03 31 13 00-0059	CY	24" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns Note: Excludes pumping equipment.	263.01	
		For 2,000 PSI Concrete, Deduct	*-10.73*	
		For 2,500 PSI Concrete, Deduct	*-5.36*	
		For 3,500 PSI Concrete, Add	*9.93*	
		For 3,750 PSI Concrete, Add	*13.51*	
		For 4,000 PSI Concrete, Add	*17.08*	
		For 4,500 PSI Concrete, Add	*19.86*	
		For 5,000 PSI Concrete, Add	*22.64*	
		For 6,000 PSI Concrete, Add	*53.63*	
		For White Cement Concrete, Add	*23.83*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.82*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.86*	
		For Lightweight Aggregate, ASTM C330, Add	*69.52*	
		For Up To 20, Add	*25.76*	
		For >20 To 50, Add	*9.66*	
		For >100 To 200, Deduct	*-5.26*	
		For >200 To 400, Deduct	*-10.52*	
		For >400, Deduct	*-15.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0060	CY	36" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns Note: Excludes pumping equipment.	252.46	
		For 2,000 PSI Concrete, Deduct	*-10.73*	
		For 2,500 PSI Concrete, Deduct	*-5.36*	
		For 3,500 PSI Concrete, Add	*9.93*	
		For 3,750 PSI Concrete, Add	*13.51*	
		For 4,000 PSI Concrete, Add	*17.08*	
		For 4,500 PSI Concrete, Add	*19.86*	
		For 5,000 PSI Concrete, Add	*22.64*	
		For 6,000 PSI Concrete, Add	*53.63*	
		For White Cement Concrete, Add	*23.83*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.82*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.86*	
		For Lightweight Aggregate, ASTM C330, Add	*69.52*	
		For Up To 20, Add	*21.54*	
		For >20 To 50, Add	*8.08*	
		For >100 To 200, Deduct	*-5.05*	
		For >200 To 400, Deduct	*-10.10*	
		For >400, Deduct	*-15.15*	

03 31 13 00-0061 Place Concrete Walls *(03 31 13 00-0043)*

03 31 13 00-0062	CY	Up To 8" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls	454.39	
		For 2,000 PSI Concrete, Deduct	*-9.90*	
		For 2,500 PSI Concrete, Deduct	*-4.95*	
		For 3,500 PSI Concrete, Add	*9.17*	
		For 3,750 PSI Concrete, Add	*12.47*	
		For 4,000 PSI Concrete, Add	*15.77*	
		For 4,500 PSI Concrete, Add	*18.33*	
		For 5,000 PSI Concrete, Add	*20.90*	
		For 6,000 PSI Concrete, Add	*49.50*	
		For White Cement Concrete, Add	*22.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.83*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.33*	
		For Lightweight Aggregate, ASTM C330, Add	*64.17*	
		For Up To 20, Add	*108.42*	
		For >20 To 50, Add	*40.66*	
		For >100 To 200, Deduct	*-9.09*	
		For >200 To 400, Deduct	*-18.18*	
		For >400, Deduct	*-27.26*	
03 31 13 00-0063	CY	12" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls	431.92	
		For 2,000 PSI Concrete, Deduct	*-9.90*	
		For 2,500 PSI Concrete, Deduct	*-4.95*	
		For 3,500 PSI Concrete, Add	*9.17*	
		For 3,750 PSI Concrete, Add	*12.47*	
		For 4,000 PSI Concrete, Add	*15.77*	
		For 4,500 PSI Concrete, Add	*18.33*	
		For 5,000 PSI Concrete, Add	*20.90*	
		For 6,000 PSI Concrete, Add	*49.50*	
		For White Cement Concrete, Add	*22.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.83*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.33*	
		For Lightweight Aggregate, ASTM C330, Add	*64.17*	
		For Up To 20, Add	*99.43*	
		For >20 To 50, Add	*37.29*	
		For >100 To 200, Deduct	*-8.64*	
		For >200 To 400, Deduct	*-17.28*	
		For >400, Deduct	*-25.92*	
03 31 13 00-0064	CY	15" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls	373.08	
		For 2,000 PSI Concrete, Deduct	*-9.90*	
		For 2,500 PSI Concrete, Deduct	*-4.95*	
		For 3,500 PSI Concrete, Add	*9.17*	
		For 3,750 PSI Concrete, Add	*12.47*	
		For 4,000 PSI Concrete, Add	*15.77*	
		For 4,500 PSI Concrete, Add	*18.33*	
		For 5,000 PSI Concrete, Add	*20.90*	
		For 6,000 PSI Concrete, Add	*49.50*	
		For White Cement Concrete, Add	*22.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.83*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.33*	
		For Lightweight Aggregate, ASTM C330, Add	*64.17*	
		For Up To 20, Add	*75.90*	
		For >20 To 50, Add	*28.46*	
		For >100 To 200, Deduct	*-7.46*	
		For >200 To 400, Deduct	*-14.92*	
		For >400, Deduct	*-22.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0065	CY	Up To 8" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls	302.60	
		For 2,000 PSI Concrete, Deduct	*-9.90*	
		For 2,500 PSI Concrete, Deduct	*-4.95*	
		For 3,500 PSI Concrete, Add	*9.17*	
		For 3,750 PSI Concrete, Add	*12.47*	
		For 4,000 PSI Concrete, Add	*15.77*	
		For 4,500 PSI Concrete, Add	*18.33*	
		For 5,000 PSI Concrete, Add	*20.90*	
		For 6,000 PSI Concrete, Add	*49.50*	
		For White Cement Concrete, Add	*22.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.83*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.33*	
		For Lightweight Aggregate, ASTM C330, Add	*64.17*	
		For Up To 20, Add	*47.70*	
		For >20 To 50, Add	*17.89*	
		For >100 To 200, Deduct	*-6.05*	
		For >200 To 400, Deduct	*-12.10*	
		For >400, Deduct	*-18.16*	
03 31 13 00-0066	CY	12" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls	278.74	
		For 2,000 PSI Concrete, Deduct	*-9.90*	
		For 2,500 PSI Concrete, Deduct	*-4.95*	
		For 3,500 PSI Concrete, Add	*9.17*	
		For 3,750 PSI Concrete, Add	*12.47*	
		For 4,000 PSI Concrete, Add	*15.77*	
		For 4,500 PSI Concrete, Add	*18.33*	
		For 5,000 PSI Concrete, Add	*20.90*	
		For 6,000 PSI Concrete, Add	*49.50*	
		For White Cement Concrete, Add	*22.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.83*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.33*	
		For Lightweight Aggregate, ASTM C330, Add	*64.17*	
		For Up To 20, Add	*38.16*	
		For >20 To 50, Add	*14.31*	
		For >100 To 200, Deduct	*-5.57*	
		For >200 To 400, Deduct	*-11.15*	
		For >400, Deduct	*-16.72*	
03 31 13 00-0067	CY	15" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls	266.82	
		For 2,000 PSI Concrete, Deduct	*-9.90*	
		For 2,500 PSI Concrete, Deduct	*-4.95*	
		For 3,500 PSI Concrete, Add	*9.17*	
		For 3,750 PSI Concrete, Add	*12.47*	
		For 4,000 PSI Concrete, Add	*15.77*	
		For 4,500 PSI Concrete, Add	*18.33*	
		For 5,000 PSI Concrete, Add	*20.90*	
		For 6,000 PSI Concrete, Add	*49.50*	
		For White Cement Concrete, Add	*22.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.83*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.33*	
		For Lightweight Aggregate, ASTM C330, Add	*64.17*	
		For Up To 20, Add	*33.39*	
		For >20 To 50, Add	*12.52*	
		For >100 To 200, Deduct	*-5.34*	
		For >200 To 400, Deduct	*-10.67*	
		For >400, Deduct	*-16.01*	
03 31 13 00-0068	CY	Up To 8" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls	312.19	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-10.73*	
		For 2,500 PSI Concrete, Deduct	*-5.36*	
		For 3,500 PSI Concrete, Add	*9.93*	
		For 3,750 PSI Concrete, Add	*13.51*	
		For 4,000 PSI Concrete, Add	*17.08*	
		For 4,500 PSI Concrete, Add	*19.86*	
		For 5,000 PSI Concrete, Add	*22.64*	
		For 6,000 PSI Concrete, Add	*53.63*	
		For White Cement Concrete, Add	*23.83*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.82*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.86*	
		For Lightweight Aggregate, ASTM C330, Add	*69.52*	
		For Up To 20, Add	*45.43*	
		For >20 To 50, Add	*17.04*	
		For >100 To 200, Deduct	*-6.24*	
		For >200 To 400, Deduct	*-12.49*	
		For >400, Deduct	*-18.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0069	CY	12" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls Note: Excludes pumping equipment.	289.48	
		For 2,000 PSI Concrete, Deduct	*-10.73*	
		For 2,500 PSI Concrete, Deduct	*-5.36*	
		For 3,500 PSI Concrete, Add	*9.93*	
		For 3,750 PSI Concrete, Add	*13.51*	
		For 4,000 PSI Concrete, Add	*17.08*	
		For 4,500 PSI Concrete, Add	*19.86*	
		For 5,000 PSI Concrete, Add	*22.64*	
		For 6,000 PSI Concrete, Add	*53.63*	
		For White Cement Concrete, Add	*23.83*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.82*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.86*	
		For Lightweight Aggregate, ASTM C330, Add	*69.52*	
		For Up To 20, Add	*36.34*	
		For >20 To 50, Add	*13.63*	
		For >100 To 200, Deduct	*-5.79*	
		For >200 To 400, Deduct	*-11.58*	
		For >400, Deduct	*-17.37*	
03 31 13 00-0070	CY	15" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls Note: Excludes pumping equipment.	278.12	
		For 2,000 PSI Concrete, Deduct	*-10.73*	
		For 2,500 PSI Concrete, Deduct	*-5.36*	
		For 3,500 PSI Concrete, Add	*9.93*	
		For 3,750 PSI Concrete, Add	*13.51*	
		For 4,000 PSI Concrete, Add	*17.08*	
		For 4,500 PSI Concrete, Add	*19.86*	
		For 5,000 PSI Concrete, Add	*22.64*	
		For 6,000 PSI Concrete, Add	*53.63*	
		For White Cement Concrete, Add	*23.83*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.82*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.86*	
		For Lightweight Aggregate, ASTM C330, Add	*69.52*	
		For Up To 20, Add	*31.80*	
		For >20 To 50, Add	*11.93*	
		For >100 To 200, Deduct	*-5.56*	
		For >200 To 400, Deduct	*-11.12*	
		For >400, Deduct	*-16.69*	

03 31 13 00-0071 Place Elevated Concrete Stairs *(03 31 13 00-0043)*

03 31 13 00-0072	CY	Crane And Bucket, Place 3,000 PSI Elevated Concrete Stairs	731.31	
		For 2,000 PSI Concrete, Deduct	*-9.90*	
		For 2,500 PSI Concrete, Deduct	*-4.95*	
		For 3,500 PSI Concrete, Add	*9.17*	
		For 3,750 PSI Concrete, Add	*12.47*	
		For 4,000 PSI Concrete, Add	*15.77*	
		For 4,500 PSI Concrete, Add	*18.33*	
		For 5,000 PSI Concrete, Add	*20.90*	
		For 6,000 PSI Concrete, Add	*49.50*	
		For White Cement Concrete, Add	*22.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.83*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.33*	
		For Lightweight Aggregate, ASTM C330, Add	*64.17*	
		For Up To 20, Add	*219.19*	
		For >20 To 50, Add	*82.20*	
		For >100 To 200, Deduct	*-14.63*	
		For >200 To 400, Deduct	*-29.25*	
		For >400, Deduct	*-43.88*	
03 31 13 00-0073	CY	Direct Chute, Place 3,000 PSI Elevated Concrete Stairs	424.44	
		For 2,000 PSI Concrete, Deduct	*-9.90*	
		For 2,500 PSI Concrete, Deduct	*-4.95*	
		For 3,500 PSI Concrete, Add	*9.17*	
		For 3,750 PSI Concrete, Add	*12.47*	
		For 4,000 PSI Concrete, Add	*15.77*	
		For 4,500 PSI Concrete, Add	*18.34*	
		For 5,000 PSI Concrete, Add	*20.90*	
		For 6,000 PSI Concrete, Add	*49.50*	
		For White Cement Concrete, Add	*22.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.84*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.34*	
		For Lightweight Aggregate, ASTM C330, Add	*64.17*	
		For Up To 20, Add	*96.44*	
		For >20 To 50, Add	*36.16*	
		For >100 To 200, Deduct	*-8.49*	
		For >200 To 400, Deduct	*-16.98*	
		For >400, Deduct	*-25.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0074	CY	Concrete Pump, Place 3,000 PSI Elevated Concrete Stairs	399.53	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-10.73*	
		For 2,500 PSI Concrete, Deduct	*-5.36*	
		For 3,500 PSI Concrete, Add	*9.93*	
		For 3,750 PSI Concrete, Add	*13.51*	
		For 4,000 PSI Concrete, Add	*17.08*	
		For 4,500 PSI Concrete, Add	*19.86*	
		For 5,000 PSI Concrete, Add	*22.64*	
		For 6,000 PSI Concrete, Add	*53.63*	
		For White Cement Concrete, Add	*23.83*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.82*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.86*	
		For Lightweight Aggregate, ASTM C330, Add	*69.52*	
		For Up To 20, Add	*80.36*	
		For >20 To 50, Add	*30.14*	
		For >100 To 200, Deduct	*-7.99*	
		For >200 To 400, Deduct	*-15.98*	
		For >400, Deduct	*-23.97*	
03 31 13 00-0075		**Place Concrete Coping** *(03 31 13 00-0043)*		
03 31 13 00-0076	CY	Crane And Bucket, Place 3,000 PSI Concrete Coping	750.25	
		For 2,000 PSI Concrete, Deduct	*-9.90*	
		For 2,500 PSI Concrete, Deduct	*-4.95*	
		For 3,500 PSI Concrete, Add	*9.17*	
		For 3,750 PSI Concrete, Add	*12.47*	
		For 4,000 PSI Concrete, Add	*15.77*	
		For 4,500 PSI Concrete, Add	*18.34*	
		For 5,000 PSI Concrete, Add	*20.90*	
		For 6,000 PSI Concrete, Add	*49.50*	
		For White Cement Concrete, Add	*22.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.84*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.34*	
		For Lightweight Aggregate, ASTM C330, Add	*64.17*	
		For Up To 20, Add	*226.76*	
		For >20 To 50, Add	*85.04*	
		For >100 To 200, Deduct	*-15.01*	
		For >200 To 400, Deduct	*-30.01*	
		For >400, Deduct	*-45.02*	
03 31 13 00-0077	CY	Direct Chute, Place 3,000 PSI Concrete Coping	422.82	
		For 2,000 PSI Concrete, Deduct	*-9.90*	
		For 2,500 PSI Concrete, Deduct	*-4.95*	
		For 3,500 PSI Concrete, Add	*9.17*	
		For 3,750 PSI Concrete, Add	*12.47*	
		For 4,000 PSI Concrete, Add	*15.77*	
		For 4,500 PSI Concrete, Add	*18.34*	
		For 5,000 PSI Concrete, Add	*20.90*	
		For 6,000 PSI Concrete, Add	*49.50*	
		For White Cement Concrete, Add	*22.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.84*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.34*	
		For Lightweight Aggregate, ASTM C330, Add	*64.17*	
		For Up To 20, Add	*95.79*	
		For >20 To 50, Add	*35.92*	
		For >100 To 200, Deduct	*-8.46*	
		For >200 To 400, Deduct	*-16.91*	
		For >400, Deduct	*-25.37*	
03 31 13 00-0078	CY	Concrete Pump, Place 3,000 PSI Concrete Coping	561.34	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-10.73*	
		For 2,500 PSI Concrete, Deduct	*-5.36*	
		For 3,500 PSI Concrete, Add	*9.93*	
		For 3,750 PSI Concrete, Add	*13.51*	
		For 4,000 PSI Concrete, Add	*17.08*	
		For 4,500 PSI Concrete, Add	*19.86*	
		For 5,000 PSI Concrete, Add	*22.64*	
		For 6,000 PSI Concrete, Add	*53.63*	
		For White Cement Concrete, Add	*23.83*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.82*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.86*	
		For Lightweight Aggregate, ASTM C330, Add	*69.52*	
		For Up To 20, Add	*145.09*	
		For >20 To 50, Add	*54.41*	
		For >100 To 200, Deduct	*-11.23*	
		For >200 To 400, Deduct	*-22.45*	
		For >400, Deduct	*-33.68*	
03 31 13 00-0079		**Concrete Carts** *(03 31 13 00-0010)*		
		Note: Used to place concrete were necessary.		
03 31 13 00-0080	CY	50' Haul, Non-Motorized, Concrete Buggy	29.30	
03 31 13 00-0081	CY	150' Haul, Non-Motorized, Concrete Buggy	39.23	
03 31 13 00-0082	CY	250' Haul, Non-Motorized, Concrete Buggy	52.31	
03 31 13 00-0083	CY	50' Haul, Motorized, Concrete Buggy	13.07	
03 31 13 00-0084	CY	150' Haul, Motorized, Concrete Buggy	17.53	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0085	CY	250' Haul, Motorized, Concrete Buggy	23.36	
03 31 13 00-0086		**Delivery Fee For Small Concrete Purchases (Short Load)** *(03 31 13)*		
03 31 13 00-0087	CY	Delivery Fee For Small Concrete Purchases (Short Load) Per CY For Each CY Less Than 9 CY Note: The task quantity is 9 minus the number of CY's delivered. For example, the delivery fee for 2CY's is: (9-2) = 7.	27.69	
03 31 13 00-0088		**Wash Out Truck For Non-Standard Concrete** *(03 31 13)* Note: Not portland.		
03 31 13 00-0089	EA	Concrete Truck Washout For Non-Standard Concrete Note: Excludes washout container or bin See CSI section 01 74 19 00-0018 for washout containers.	213.84	
03 31 13 00-0090		**Equipment Pads** *(03 31 13)*		
03 31 13 00-0091		**Small Concrete Equipment Housekeeping Pad Assemblies** *(03 31 13 00-0090)* Note: Includes forms, hand mix concrete, finish, curing and reinforcing. For up to 50 SF per pad and up to 5 pads per project. See CSI section 03 31 13 00-0002 for >50 SF concrete pads.		
03 31 13 00-0092	SF	4" Equipment Pad With Welded Wire Reinforcement Assembly	20.92	
		For >5 To 20 Pads, Deduct	*-2.60*	
		For >20 To 50 Pads, Deduct	*-4.76*	
		For >50 Pads, Deduct	*-6.92*	
03 31 13 00-0093	SF	4" Equipment Pad With Rebar Assembly	26.79	
		For >5 To 20 Pads, Deduct	*-2.99*	
		For >20 To 50 Pads, Deduct	*-5.49*	
		For >50 Pads, Deduct	*-7.98*	
03 31 13 00-0094	SF	6" Equipment Pad With Rebar Assembly	33.54	
		For >5 To 20 Pads, Deduct	*-3.76*	
		For >20 To 50 Pads, Deduct	*-6.90*	
		For >50 Pads, Deduct	*-10.04*	
03 31 13 00-0095	SF	8" Equipment Pad With Rebar Assembly	41.95	
		For >5 To 20 Pads, Deduct	*-4.78*	
		For >20 To 50 Pads, Deduct	*-8.77*	
		For >50 Pads, Deduct	*-12.76*	
03 31 16		**Lightweight Structural Concrete** *(03 31)*		
03 31 16 00-0001		**Low Density Cellular / Foam Concrete Fill** *(03 31 16)*		
03 31 16 00-0002	CY	Lightweight Low Density Pervious Cellular/Foam Concrete, 100 To 120 PCF Density Range	325.71	
03 35		**Concrete Finishing** *(03 30)*		
03 35 13		**High-Tolerance Concrete Floor Finishing** *(03 35)*		
03 35 13 00-0001		**Floor Finishes** *(03 35 13)* Note: Task is for final finish type and includes all required prior finishes.		
03 35 13 00-0002	SF	Screed, Concrete Floor Finish	1.14	
		For Up To 100, Add	*2.28*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.29*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000, Deduct	*-0.11*	
03 35 13 00-0003	SF	Darby, Concrete Floor Finish	1.36	
		For Up To 100, Add	*2.72*	
		For >100 To 250, Add	*0.68*	
		For >250 To 500, Add	*0.34*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000, Deduct	*-0.14*	
03 35 13 00-0004	SF	Broom, Concrete Floor Finish	1.50	
		For Up To 100, Add	*3.00*	
		For >100 To 250, Add	*0.75*	
		For >250 To 500, Add	*0.38*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000, Deduct	*-0.15*	
03 35 13 00-0005	SF	Final Float, Concrete Floor Finish	1.75	
		For Up To 100, Add	*3.50*	
		For >100 To 250, Add	*0.88*	
		For >250 To 500, Add	*0.44*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000, Deduct	*-0.18*	
03 35 13 00-0006	SF	Steel Trowel, Concrete Floor Finish	1.97	
		For Up To 100, Add	*3.94*	
		For >100 To 250, Add	*0.99*	
		For >250 To 500, Add	*0.49*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000, Deduct	*-0.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 13 00-0007	SF	Concrete Floor Finishes, Machine	1.75	
		For Up To 100, Add	*3.50*	
		For >100 To 250, Add	*0.88*	
		For >250 To 500, Add	*0.44*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000, Deduct	*-0.18*	

03 35 16 Heavy-Duty Concrete Floor Finishing *(03 35)*

03 35 16 00-0001 Shake On Floor Hardeners *(03 35 16)*

03 35 16 00-0002	SF	0.3 Lb./SF, Metallic, Shake On Floor Hardener	1.40	
03 35 16 00-0003	SF	0.65 Lb./SF, Metallic, Shake On Floor Hardener	2.13	
03 35 16 00-0004	SF	0.3 Lb./SF, Non-Metallic, Shake On Floor Hardener	1.33	
03 35 16 00-0005	SF	0.65 Lb./SF, Non-Metallic, Shake On Floor Hardener	1.59	

03 35 19 Colored Concrete Finishing *(03 35)*

03 35 19 00-0001 Concrete Surface Treatments *(03 35 19)*

03 35 19 00-0002	SF	Acrylic Latex Bonding Agent	0.63	
03 35 19 00-0003	SF	Epoxy Resin Bonding Agent	3.62	
03 35 19 00-0004	SF	Clear Acrylic Sealer, Hardener And Dustproofer	0.43	
03 35 19 00-0005	SF	Colored Acrylic Sealer, Hardener And Dustproofer	0.45	

03 35 23 Exposed Aggregate Concrete Finishing *(03 35)*

03 35 23 00-0001 Exposed Aggregate, Concrete Finish *(03 35 23)*

03 35 23 00-0002	SF	Exposed Aggregate, Concrete Floor Finish	4.22	

03 35 26 Grooved Concrete Surface Finishing *(03 35)*

03 35 26 00-0001 Ramp, Grooved Concrete Surface Finishing *(03 35 26)*

03 35 26 00-0002	SF	Ramp, Grooved Concrete Surface Finishing	5.35	

03 35 29 Tooled Concrete Finishing *(03 35)*

03 35 29 00-0001 Solid Board Concrete Finish *(03 35 29)*

03 35 29 00-0002	SF	Solid Board Concrete, Non-Uniform Finish, 1 Use, Add To Formwork	17.12	

03 35 33 Stamped Concrete Finishing *(03 35)*

03 35 33 00-0001 Stamped Concrete Finishes *(03 35 33)*

03 35 33 00-0002	SF	Up To 2,500 SF Stamped Concrete Finish	4.56	
03 35 33 00-0003	SF	>2,500 To 10,000 SF Stamped Concrete Finish	4.13	
03 35 33 00-0004	SF	>10,000 SF Stamped Concrete Finish	3.95	

03 35 43 Polished Concrete Finishing *(03 35)*

03 35 43 00-0001 Concrete Floor Polishing System *(03 35 43)*

Note: The floor polishing system below may consist of one or multiple applications of each task/step below depending on existing conditions and desired results.

03 35 43 00-0002	SF	Mechanically Grind Concrete Floor With 40 Grit Metal Bonded Diamond Wheels	2.15	
		For Up To 500, Add	*4.07*	
		For >500 To 1,000, Add	*3.78*	
		For >1,000 To 2,500, Add	*2.50*	
		For >2,500 To 4,000, Add	*1.30*	
		For >8,000 To 15,000, Deduct	*-0.50*	
		For >15,000 To 25,000, Deduct	*-0.64*	
		For >25,000, Deduct	*-0.90*	
03 35 43 00-0003	SF	Mechanically Grind Concrete Floor With 80 Grit Metal Bonded Diamond Wheels	1.72	
		For Up To 500, Add	*3.24*	
		For >500 To 1,000, Add	*3.01*	
		For >1,000 To 2,500, Add	*1.99*	
		For >2,500 To 4,000, Add	*1.04*	
		For >8,000 To 15,000, Deduct	*-0.40*	
		For >15,000 To 25,000, Deduct	*-0.51*	
		For >25,000, Deduct	*-0.72*	
03 35 43 00-0004	SF	Mechanically Grind Concrete Floor With 100 Grit Resin Bonded Diamond Wheels	1.45	
		For Up To 500, Add	*2.72*	
		For >500 To 1,000, Add	*2.52*	
		For >1,000 To 2,500, Add	*1.67*	
		For >2,500 To 4,000, Add	*0.87*	
		For >8,000 To 15,000, Deduct	*-0.34*	
		For >15,000 To 25,000, Deduct	*-0.43*	
		For >25,000, Deduct	*-0.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 43 00-0005	SF	Mechanically Grind Concrete Floor With 150 Grit Metal Bonded Diamond Wheels	1.34	
		For Up To 500, Add	*2.50*	
		For >500 To 1,000, Add	*2.32*	
		For >1,000 To 2,500, Add	*1.54*	
		For >2,500 To 4,000, Add	*0.80*	
		For >8,000 To 15,000, Deduct	*-0.31*	
		For >15,000 To 25,000, Deduct	*-0.39*	
		For >25,000, Deduct	*-0.55*	
03 35 43 00-0006	SF	Mechanically Grind Concrete Floor With 200 Grit Resin Bonded Diamond Wheels	1.24	
		For Up To 500, Add	*2.31*	
		For >500 To 1,000, Add	*2.14*	
		For >1,000 To 2,500, Add	*1.42*	
		For >2,500 To 4,000, Add	*0.74*	
		For >8,000 To 15,000, Deduct	*-0.29*	
		For >15,000 To 25,000, Deduct	*-0.36*	
		For >25,000, Deduct	*-0.51*	
03 35 43 00-0007	SF	Mechanically Grind Concrete Floor With 400 Grit Resin Bonded Diamond Wheels	1.24	
		For Up To 500, Add	*2.31*	
		For >500 To 1,000, Add	*2.14*	
		For >1,000 To 2,500, Add	*1.42*	
		For >2,500 To 4,000, Add	*0.74*	
		For >8,000 To 15,000, Deduct	*-0.29*	
		For >15,000 To 25,000, Deduct	*-0.36*	
		For >25,000, Deduct	*-0.51*	
03 35 43 00-0008	SF	Mechanically Grind Concrete Floor With 800 Grit Resin Bonded Diamond Wheels	1.24	
		For Up To 500, Add	*2.31*	
		For >500 To 1,000, Add	*2.14*	
		For >1,000 To 2,500, Add	*1.42*	
		For >2,500 To 4,000, Add	*0.74*	
		For >8,000 To 15,000, Deduct	*-0.29*	
		For >15,000 To 25,000, Deduct	*-0.36*	
		For >25,000, Deduct	*-0.51*	
03 35 43 00-0009	SF	Mechanically Grind Concrete Floor With 1,500 Grit Resin Bonded Diamond Wheels	1.24	
		For Up To 500, Add	*2.31*	
		For >500 To 1,000, Add	*2.14*	
		For >1,000 To 2,500, Add	*1.42*	
		For >2,500 To 4,000, Add	*0.74*	
		For >8,000 To 15,000, Deduct	*-0.29*	
		For >15,000 To 25,000, Deduct	*-0.36*	
		For >25,000, Deduct	*-0.51*	
03 35 43 00-0010	SF	High Speed Burnish Concrete Floor With Diamond Pads	0.31	
		For Up To 500, Add	*0.50*	
		For >500 To 1,000, Add	*0.47*	
		For >1,000 To 2,500, Add	*0.31*	
		For >2,500 To 4,000, Add	*0.16*	
		For >8,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 25,000, Deduct	*-0.08*	
		For >25,000, Deduct	*-0.11*	
03 35 43 00-0011	SF	Apply 1 Coat Of Concrete Densifier For Concrete Floor Polishing	0.63	
		For Up To 500, Add	*0.62*	
		For >500 To 1,000, Add	*0.58*	
		For >1,000 To 2,500, Add	*0.38*	
		For >2,500 To 4,000, Add	*0.20*	
		For >8,000 To 15,000, Deduct	*-0.08*	
		For >15,000 To 25,000, Deduct	*-0.10*	
		For >25,000, Deduct	*-0.14*	
03 35 43 00-0012	SF	Apply 2 Coats Of Concrete Densifier With Stain Protector For Concrete Floor Polishing	1.10	
		For Up To 500, Add	*0.93*	
		For >500 To 1,000, Add	*0.86*	
		For >1,000 To 2,500, Add	*0.57*	
		For >2,500 To 4,000, Add	*0.30*	
		For >8,000 To 15,000, Deduct	*-0.12*	
		For >15,000 To 25,000, Deduct	*-0.15*	
		For >25,000, Deduct	*-0.21*	
03 35 43 00-0013	SF	Concrete Floor Polishing Final Cleanup	0.17	
		For Up To 500, Add	*0.33*	
		For >500 To 1,000, Add	*0.31*	
		For >1,000 To 2,500, Add	*0.20*	
		For >2,500 To 4,000, Add	*0.11*	
		For >8,000 To 15,000, Deduct	*-0.04*	
		For >15,000 To 25,000, Deduct	*-0.05*	
		For >25,000, Deduct	*-0.07*	

03 35 63 Slip-Resistant Floor Finishing *(03 35)*

03 35 63 00-0001 Slip-Resistant Floor Finishing *(03 35 63)*

03 35 63 00-0002	SF	Aluminum Oxide Abrasive Floor Finish, 0.25 Lb./SF	1.82	
		For Up To 100, Add	*2.18*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.27*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000, Deduct	*-0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 63 00-0003	SF	Silicone Carbide Abrasive Floor Finish 0.25 Lb./SF	1.68	
		For Up To 100, Add	*2.18*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.27*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000, Deduct	*-0.11*	

03 35 66 Acid Etch Floor Finishing *(03 35)*

03 35 66 00-0001 Acid Etch Floor *(03 35 66)*

03 35 66 00-0002	SF	Concrete Floor Finishes, Etch With Acid And Rinse	1.10	
		For Up To 100, Add	*1.04*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.13*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000, Deduct	*-0.05*	

03 35 83 Concrete Wall Finishing *(03 35)*

03 35 83 00-0001 Wall Finishes *(03 35 83)*

03 35 83 00-0002	SF	Burlap Rub With Grout, New Concrete Wall Finishes	2.01	
		For Up To 100, Add	*3.80*	
		For >100 To 250, Add	*0.95*	
		For >250 To 500, Add	*0.48*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000, Deduct	*-0.19*	
03 35 83 00-0003	SF	1/16" Float Finish, New Concrete Wall Finishes	3.01	
		For Up To 100, Add	*5.70*	
		For >100 To 250, Add	*1.43*	
		For >250 To 500, Add	*0.71*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000, Deduct	*-0.29*	
03 35 83 00-0004	SF	Etch With Acid And Rinse, New Concrete Wall Finishes	1.21	
		For Up To 100, Add	*1.26*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.16*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000, Deduct	*-0.06*	
03 35 83 00-0005	SF	Bush Hammer Green Concrete, New Concrete Wall Finishes	6.08	
		For Up To 100, Add	*12.06*	
		For >100 To 250, Add	*3.02*	
		For >250 To 500, Add	*1.51*	
		For >5,000 To 10,000, Deduct	*-0.30*	
		For >10,000, Deduct	*-0.60*	
03 35 83 00-0006	SF	Bush Hammer Cured Concrete, New Concrete Wall Finishes	9.43	
		For Up To 100, Add	*18.64*	
		For >100 To 250, Add	*4.66*	
		For >250 To 500, Add	*2.33*	
		For >5,000 To 10,000, Deduct	*-0.47*	
		For >10,000, Deduct	*-0.93*	
03 35 83 00-0007	SF	Break Ties And Patch, New Concrete Wall Finishes	1.15	
		For Up To 100, Add	*2.04*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.26*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000, Deduct	*-0.10*	
03 35 83 00-0008	SF	Carborundum Dry Rub, New Concrete Wall Finishes	3.93	
		For Up To 100, Add	*7.60*	
		For >100 To 250, Add	*1.90*	
		For >250 To 500, Add	*0.95*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000, Deduct	*-0.38*	
03 35 83 00-0009	SF	Carborundum Wet Rub, New Concrete Wall Finishes	5.99	
		For Up To 100, Add	*11.72*	
		For >100 To 250, Add	*2.93*	
		For >250 To 500, Add	*1.47*	
		For >5,000 To 10,000, Deduct	*-0.29*	
		For >10,000, Deduct	*-0.59*	
03 35 83 00-0010	SF	Up To 1/4" Penetration Abrasive Media Blasting, New Concrete Wall Finishes Note: 4.5 Lb. of sand or abrasive media material per SF	6.27	
		For Up To 100, Add	*10.24*	
		For >100 To 250, Add	*2.56*	
		For >250 To 500, Add	*1.28*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000, Deduct	*-0.51*	
03 35 83 00-0011	SF	>1/4" To 1/2" Penetration Abrasive Media Blasting, New Concrete Wall Finishes Note: 9 Lb. of sand abrasive media material per SF	12.54	
		For Up To 100, Add	*20.50*	
		For >100 To 250, Add	*5.13*	
		For >250 To 500, Add	*2.56*	
		For >5,000 To 10,000, Deduct	*-0.51*	
		For >10,000, Deduct	*-1.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 37 Specialty Placed Concrete *(03 30)*

Note: Includes gun finish. Not to be used for pumping concrete tasks. See CSI section 03 35 00 00-0000 for finishing.

03 37 13 Shotcrete *(03 37)*

03 37 13 00-0001 Shotcrete, Fiber Reinforced, Structural Repair *(03 37 13)*

03 37 13 00-0002	SF	1" Thick Shotcrete, Fiber Reinforced	3.89
		For Up To 25, Add	*0.75*
		For >25 To 50, Add	*0.44*
		For >50 To 150, Add	*0.18*
03 37 13 00-0003	SF	2" Thick Shotcrete, Fiber Reinforced	7.30
		For Up To 25, Add	*1.39*
		For >25 To 50, Add	*0.80*
		For >50 To 150, Add	*0.33*
03 37 13 00-0004	SF	3" Thick Shotcrete, Fiber Reinforced	10.29
		For Up To 25, Add	*1.91*
		For >25 To 50, Add	*1.10*
		For >50 To 150, Add	*0.44*
03 37 13 00-0005	SF	4" Thick Shotcrete, Fiber Reinforced	12.95
		For Up To 25, Add	*2.36*
		For >25 To 50, Add	*1.36*
		For >50 To 150, Add	*0.53*
03 37 13 00-0006	SF	6" Thick Shotcrete, Fiber Reinforced	17.38
		For Up To 25, Add	*3.03*
		For >25 To 50, Add	*1.73*
		For >50 To 150, Add	*0.65*

03 37 13 00-0007 Gunite (Dry Mix Shotcrete), Sprayed *(03 37 13)*

03 37 13 00-0008	SF	1" Thick Gunite (Dry Mix Shotcrete), Sprayed	4.35
		For Radius Or Irregular Surface, Add	*1.34*
		For Up To 25, Add	*0.94*
		For >25 To 50, Add	*0.55*
		For >50 To 150, Add	*0.25*
03 37 13 00-0009	SF	2" Thick Gunite (Dry Mix Shotcrete), Sprayed	8.00
		For Radius Or Irregular Surface, Add	*2.40*
		For Up To 25, Add	*1.70*
		For >25 To 50, Add	*1.00*
		For >50 To 150, Add	*0.45*
03 37 13 00-0010	SF	3" Thick Gunite (Dry Mix Shotcrete), Sprayed	11.11
		For Radius Or Irregular Surface, Add	*3.25*
		For Up To 25, Add	*2.33*
		For >25 To 50, Add	*1.37*
		For >50 To 150, Add	*0.61*
03 37 13 00-0011	SF	4" Thick Gunite (Dry Mix Shotcrete), Sprayed	13.73
		For Radius Or Irregular Surface, Add	*3.90*
		For Up To 25, Add	*2.83*
		For >25 To 50, Add	*1.66*
		For >50 To 150, Add	*0.73*
03 37 13 00-0012	SF	5" Thick Gunite (Dry Mix Shotcrete), Sprayed	15.94
		For Radius Or Irregular Surface, Add	*4.38*
		For Up To 25, Add	*3.24*
		For >25 To 50, Add	*1.89*
		For >50 To 150, Add	*0.82*
03 37 13 00-0013	SF	6" Thick Gunite (Dry Mix Shotcrete), Sprayed	17.82
		For Radius Or Irregular Surface, Add	*4.74*
		For Up To 25, Add	*3.56*
		For >25 To 50, Add	*2.08*
		For >50 To 150, Add	*0.89*
03 37 13 00-0014	SF	8" Thick Gunite (Dry Mix Shotcrete), Sprayed	22.17
		For Radius Or Irregular Surface, Add	*5.68*
		For Up To 25, Add	*4.35*
		For >25 To 50, Add	*2.53*
		For >50 To 150, Add	*1.07*
03 37 13 00-0015	SF	10" Thick Gunite (Dry Mix Shotcrete), Sprayed	25.93
		For Radius Or Irregular Surface, Add	*6.39*
		For Up To 25, Add	*4.99*
		For >25 To 50, Add	*2.89*
		For >50 To 150, Add	*1.20*
03 37 13 00-0016	SF	12" Thick Gunite (Dry Mix Shotcrete), Sprayed	29.21
		For Radius Or Irregular Surface, Add	*6.90*
		For Up To 25, Add	*5.51*
		For >25 To 50, Add	*3.19*
		For >50 To 150, Add	*1.29*

03 37 16 Pumped Concrete *(03 37)*

03 37 16 00-0001 Concrete Pumping With Boom Truck *(03 37 16)*

Note: Includes truck rental, operator, and local travel delivery. For delivery/set-up of equipment add one hour, for cleanup of equipment add one hour. Use four hours as the minimum cost including set-up and cleanup. Excludes concrete, use "Concrete Pump" concrete tasks from appropriate section to place into pump hopper and place concrete. Sizes are measured at a 30 degree vertical reach. See CSI section 03 31 13 00-0010 for concrete placement.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 37 16 00-0002	HR	55' To 60' Boom Truck For Concrete Placement Note: 95 CY per hour rating	277.20	
03 37 16 00-0003	HR	70' To 80' Boom Truck For Concrete Placement Note: 117 CY per hour rating	299.92	
03 37 16 00-0004	HR	90' To 100' Boom Truck For Concrete Placement Note: 117 CY per hour rating	381.96	
03 37 16 00-0005	HR	105' To 115' Boom Truck For Concrete Placement Note: 117 CY per hour rating	433.04	
03 37 16 00-0006	HR	120' To 130' Boom Truck For Concrete Placement Note: 170 CY per hour rating	485.75	
03 37 16 00-0007	HR	135' To 140' Boom Truck For Concrete Placement Note: 170 CY per hour rating	597.38	
03 37 16 00-0008	HR	148' To 155' Boom Truck For Concrete Placement Note: 170 CY per hour rating	663.98	
03 37 16 00-0009	HR	170' To 175' Boom Truck For Concrete Placement Note: 182 CY per hour rating	825.29	
03 37 16 00-0010	HR	35 CY/HR, 66 HP Trailer Mounted Concrete Pump Note: Includes hoses	191.51	

03 39 Concrete Curing *(03 30)*

03 39 13 Water Concrete Curing *(03 39)*

03 39 13 00-0001 Water Concrete Curing *(03 39 13)*

03 39 13 00-0002	SF	Water Based Curing, Sealing, Hardening And Dustproofing Compound Note: Coverage rates: rough finish = 300 SF/GAL, broom finish = 300 to 400 SF/GAL, steel troweled = 500 to 600 SF/GAL, and vertical surface = 400 - 500 SF/GAL.	0.40	

03 39 23 Membrane Concrete Curing *(03 39)*

03 39 23 23 Sheet Membrane Concrete Curing *(03 39 23)*

03 39 23 23-0001 Warm Weather Concrete Curing Blankets *(03 39 23 23)*

03 39 23 23-0002	CSF	Warm Weather Concrete Curing Blankets	38.21	

03 39 23 23-0003 Cold Weather Concrete Curing Blankets *(03 39 23 23)*

03 39 23 23-0004	CSF	Electric, Cold Weather Concrete Curing Blanket	190.49	
03 39 23 23-0005	CSF	Non-Electric, Cold Weather Concrete Curing Blanket	42.62	

03 40 Precast Concrete *(03)*

Note: Precast concrete material prices are based on a precast operation producing large quantities of precast products. Includes the concrete panel, delivery to construction site and overhead/mobilization charges for the precast plant.

03 41 Precast Structural Concrete *(03 40)*

03 41 33 Precast Structural Pretensioned Concrete *(03 41)*

03 41 33 00-0001 Slabs, Roof And Floor Members *(03 41 33)*

03 41 33 00-0002	SF	4" Thick Precast Prestressed Slab, 12-16' Span Roof/Floor	19.76	2.69
03 41 33 00-0003	SF	6" Thick Precast Prestressed Slab, 16-25' Span Roof/Floor	24.57	2.69
03 41 33 00-0004	SF	8" Thick Precast Prestressed Slab, 25-32' Span Roof/Floor	29.42	2.83
03 41 33 00-0005	SF	10" Thick Precast Prestressed Slab, 32-40' Span Roof/Floor	34.28	2.96

03 41 33 00-0006 Tee Members *(03 41 33)*

03 41 33 00-0007 Multiple Tee, Roof And Floor *(03 41 33 00-0006)*

03 41 33 00-0008	SF	Prestressed Multiple Tee, Roof And Floor Members	44.20	3.50

03 41 33 00-0009 Double Tee Wall Member *(03 41 33 00-0006)*

03 41 33 00-0010	SF	Prestressed Double Tee Wall Members Precast Concrete, <40' Span	62.88	9.55

03 41 33 00-0011 Single Tee, Short Span, Roof Members *(03 41 33 00-0006)*

03 41 33 00-0012	SF	Prestressed Single Tee, Short Span Roof Precast Concrete Members, <40' Span	52.09	5.78

03 41 33 00-0013 Single Tee, Long Span, Roof Members *(03 41 33 00-0006)*

03 41 33 00-0014	SF	Prestressed Single Tee, Long Span Roof Precast Concrete Members, <40' Span	62.37	4.98

03 41 33 00-0015 Prestressed Concrete Items *(03 41 33)*

03 41 33 00-0016 Prestressed Quad Tee *(03 41 33 00-0015)*

03 41 33 00-0017	SF	Tees, Prestressed Quad Tee, Short Spans, Roof	31.91	1.08
03 41 33 00-0018	SF	Tees, Prestressed Quad Tee, Short Spans, Floor	33.30	1.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 33 00-0019		**Prestressed Double Tee** *(03 41 33 00-0015)*		
03 41 33 00-0020	SF	Tees, Double Tee, Floor Members , 60' Span	53.01	0.94
03 41 33 00-0021	SF	Tees, Double Tee, Floor Members , 80' Span	72.97	0.94
03 41 33 00-0022	SF	Tees, Double Tee, Roof Members, 30' Span	36.24	1.61
03 41 33 00-0023	SF	Tees, Double Tee, Roof Members, 50' Span	56.05	1.08
03 41 33 00-0024	SF	Tees, Double Tee, Wall Members, Up To 55' High	39.29	2.16
03 41 33 00-0025		**Prestressed Single Tee** *(03 41 33 00-0015)*		
03 41 33 00-0026	SF	Tees, Single Tee Roof Members, 40' Span	62.81	2.42
03 41 33 00-0027	SF	Tees, Single Tee Roof Members, 80' Span	72.67	1.48
03 41 33 00-0028	SF	Tees, Single Tee Roof Members, 100' Span	96.10	1.34
03 41 33 00-0029	SF	Tees, Single Tee Roof Members, 120' Span	101.19	1.34
03 41 33 00-0030		**Prestressed Double Tee Floor Members** *(03 41 33 00-0015)*		
03 41 33 00-0031	EA	Tees, Double Tees, Floor Members, Lightweight, 20" X 8' Wide, 45'	16,224.35	387.49
03 41 33 00-0032	EA	Tees, Double Tees, Floor Members, Lightweight, 24" X 8' Wide, 50'	17,666.94	430.55
03 41 33 00-0033	EA	Tees, Double Tees, Floor Members, Lightweight, 32" X 10' Wide, 60'	29,539.11	484.37
03 41 33 00-0034	EA	Tees, Double Tees, Floor Members, Standard Weight, 12" X 8' Wide, 25'	6,366.05	352.38
03 41 33 00-0035	EA	Tees, Double Tees, Floor Members, Standard Weight, 16" X 8' Wide, 25'	8,354.38	387.49
03 41 33 00-0036	EA	Tees, Double Tees, Floor Members, Standard Weight, 18" X 8' Wide, 35'	10,669.08	387.49
03 41 33 00-0037	EA	Tees, Double Tees, Floor Members, Standard Weight, 20" X 8' Wide, 45'	11,880.20	430.55
03 41 33 00-0038	EA	Tees, Double Tees, Floor Members, Standard Weight, 24" X 8' Wide, 50'	15,187.99	484.37
03 41 33 00-0039	EA	Tees, Double Tees, Floor Members, Standard Weight, 32" X 10' Wide, 60'	27,311.22	553.79
03 41 33 00-0040		**Prestressed Double Tee Roof Members** *(03 41 33 00-0015)*		
03 41 33 00-0041	EA	Tees, Double Tees, Roof Members, Lightweight, 20" X 8' Wide, 45'	12,752.31	387.49
03 41 33 00-0042	EA	Tees, Double Tees, Roof Members, Lightweight, 24" X 8' Wide, 50'	16,741.06	430.55
03 41 33 00-0043	EA	Tees, Double Tees, Roof Members, Lightweight, 32" X 10' Wide, 60'	27,455.88	484.37
03 41 33 00-0044	EA	Tees, Double Tees, Roof Members, Standard Weight, 12" X 8' Wide, 30'	8,541.86	352.38
03 41 33 00-0045	EA	Tees, Double Tees, Roof Members, Standard Weight, 16" X 8' Wide, 30'	9,002.50	387.49
03 41 33 00-0046	EA	Tees, Double Tees, Roof Members, Standard Weight, 18" X 8' Wide, 30'	9,974.67	387.49
03 41 33 00-0047	EA	Tees, Double Tees, Roof Members, Standard Weight, 20" X 8' Wide, 40'	10,259.91	430.55
03 41 33 00-0048	EA	Tees, Double Tees, Roof Members, Standard Weight, 24" X 8' Wide, 50'	13,567.70	484.37
03 41 33 00-0049	EA	Tees, Double Tees, Roof Members, Standard Weight, 32" X 10' Wide, 60'	23,376.24	553.79
03 41 33 00-0050		**Plant Produced Pretensioned Prestressed Concrete Hollow Core Slab** *(03 41 33)*		
03 41 33 00-0051	SF	Hollow Core Slab, 4" Slab, 12' - 16' Spans, Plant Produced Pretensioned Prestressed Concrete	33.71	
03 41 33 00-0052	SF	Hollow Core Slab, 6" Slab, 16' - 25' Spans, Plant Produced Pretensioned Prestressed Concrete	35.09	
03 41 33 00-0053	SF	Hollow Core Slab, 8" Slab, 25' - 30' Spans, Plant Produced Pretensioned Prestressed Concrete	36.75	
03 41 33 00-0054	SF	Hollow Core Slab, 10" Slab, 30' - 35' Spans, Plant Produced Pretensioned Prestressed Concrete	37.99	
03 41 33 00-0055	SF	Hollow Core Slab, 12" Slab, 35' - 40' Spans, Plant Produced Pretensioned Prestressed Concrete	40.60	
03 41 33 00-0056		**Double And Single Tees** *(03 41 33)*		
03 41 33 00-0057		**Double And Single Tees With 16" Roof And Floor Loading** *(03 41 33 00-0056)*		
03 41 33 00-0058	SF	Double Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	40.77	
03 41 33 00-0059	SF	Double Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	39.80	
03 41 33 00-0060	SF	Double Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	37.58	
03 41 33 00-0061	SF	Double Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	40.77	
03 41 33 00-0062	SF	Double Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	40.64	
03 41 33 00-0063	SF	Single Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	62.44	
03 41 33 00-0064	SF	Single Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	61.05	
03 41 33 00-0065	SF	Single Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	57.16	
03 41 33 00-0066	SF	Single Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	62.44	
03 41 33 00-0067	SF	Single Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	58.55	
03 41 33 00-0068		**Double And Single Tees With 24" Roof And Floor Loading** *(03 41 33 00-0056)*		
03 41 33 00-0069	SF	Double Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	42.02	
03 41 33 00-0070	SF	Double Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	41.05	
03 41 33 00-0071	SF	Double Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	39.66	
03 41 33 00-0072	SF	Double Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	42.02	
03 41 33 00-0073	SF	Double Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	40.64	
03 41 33 00-0074	SF	Single Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	64.10	
03 41 33 00-0075	SF	Single Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	62.72	
03 41 33 00-0076	SF	Single Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	60.50	
03 41 33 00-0077	SF	Single Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	64.10	
03 41 33 00-0078	SF	Single Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	62.31	
03 41 33 00-0079		**Double And Single Tees With 32" Roof And Floor Loading** *(03 41 33 00-0056)*		
03 41 33 00-0080	SF	Double Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete	44.29	
03 41 33 00-0081	SF	Double Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete	42.90	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 33 00-0082	SF	Double Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete	41.50	
03 41 33 00-0083	SF	Single Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete	68.04	
03 41 33 00-0084	SF	Single Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete	65.82	
03 41 33 00-0085	SF	Single Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete	63.17	

03 48 Precast Concrete Specialties *(03 40)*

03 48 16 Precast Concrete Splash Blocks *(03 48)*

03 48 16 00-0001 Precast Concrete Splash Blocks *(03 48 16)*

03 48 16 00-0002	EA	Precast Concrete Splash Blocks, 20" x 12" x 3"	44.04	4.70

03 48 24 Precast Minaret Segments *(03 48)*

03 48 24 00-0001 Installation Costs Using A 50 Ton Hydraulic Crane *(03 48 24)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections.

03 48 24 00-0002 L - Shaped Segments *(03 48 24 00-0001)*

03 48 24 00-0003	EA	Install Minaret, L-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	423.31	338.65
03 48 24 00-0004	EA	Install Minaret, L-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	474.37	379.52
03 48 24 00-0005	EA	Install Minaret, L-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	536.36	429.08
03 48 24 00-0006	EA	Install Minaret, L-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	572.11	457.69

03 48 24 00-0007 O - Shaped Segments *(03 48 24 00-0001)*

03 48 24 00-0008	EA	Install Minaret, O-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	447.39	357.98
03 48 24 00-0009	EA	Install Minaret, O-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	502.13	401.64
03 48 24 00-0010	EA	Install Minaret, O-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	568.67	454.89
03 48 24 00-0011	EA	Install Minaret, O-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	609.02	487.19

03 48 24 00-0012 Platform Segment *(03 48 24 00-0001)*

03 48 24 00-0013	EA	Install Minaret, Platform Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	858.18	686.61
03 48 24 00-0014	EA	Install Minaret, Platform Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	1,037.36	829.83
03 48 24 00-0015	EA	Install Minaret, Platform Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	1,151.21	920.99
03 48 24 00-0016	EA	Install Minaret, Platform Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	1,293.14	1,034.56

03 48 24 00-0017 Cap Segment *(03 48 24 00-0001)*

03 48 24 00-0018	EA	Install Minaret, Cap Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	469.65	375.68
03 48 24 00-0019	EA	Install Minaret, Cap Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	524.44	419.49
03 48 24 00-0020	EA	Install Minaret, Cap Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	597.47	477.90
03 48 24 00-0021	EA	Install Minaret, Cap Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	637.83	510.19

03 48 24 00-0022 Installation Costs Using A 90 Ton Crawler Crane *(03 48 24)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting and caulking of joints.

03 48 24 00-0023 L - Shaped Segments *(03 48 24 00-0022)*

03 48 24 00-0024	EA	Install Minaret, L-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	423.50	338.80
03 48 24 00-0025	EA	Install Minaret, L-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	474.58	379.68
03 48 24 00-0026	EA	Install Minaret, L-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	536.60	429.27
03 48 24 00-0027	EA	Install Minaret, L-Shaped Segments, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	572.37	457.89

03 48 24 00-0028 O - Shaped Segment *(03 48 24 00-0022)*

03 48 24 00-0029	EA	Install Minaret, O-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	447.58	358.14
03 48 24 00-0030	EA	Install Minaret, O-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	502.35	401.82
03 48 24 00-0031	EA	Install Minaret, O-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	568.92	455.09
03 48 24 00-0032	EA	Install Minaret, O-Shaped Segments, 5-7 Ton/Each 795' Maximum Radius With 90 Ton Crane	609.29	487.41

03 48 24 00-0033 Platform Segment *(03 48 24 00-0022)*

03 48 24 00-0034	EA	Install Minaret, Platform Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	684.36	547.47
03 48 24 00-0035	EA	Install Minaret, Platform Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	828.43	662.71
03 48 24 00-0036	EA	Install Minaret, Platform Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	916.90	733.54
03 48 24 00-0037	EA	Install Minaret, Platform Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	1,037.82	830.20

03 48 24 00-0038 Cap Segment *(03 48 24 00-0022)*

03 48 24 00-0039	EA	Install Minaret, Cap Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	469.86	375.85
03 48 24 00-0040	EA	Install Minaret, Cap Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	524.67	419.68
03 48 24 00-0041	EA	Install Minaret, Cap Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	597.73	478.11
03 48 24 00-0042	EA	Install Minaret, Cap Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	638.11	510.42

03 48 24 00-0043 Material Costs *(03 48 24)*

Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 48 24 00-0044	CY	Precast Concrete Minaret, L-Shaped Segments, 3,000 PSI Concrete Note: Including Post Tension Cost	11,110.30	
03 48 24 00-0045	CY	Precast Concrete Minaret, O-Shaped Segments, 3,000 PSI Concrete Note: Including Post Tension Cost	11,110.30	
03 48 24 00-0046	CY	Precast Concrete Minaret, Platform Segments, 3,000 PSI Concrete Note: Including Post Tension Cost	11,110.30	
03 48 24 00-0047	CY	Precast Concrete Minaret, Cap Segments, 3,000 PSI Concrete Note: Including Post Tension Cost	11,110.30	

03 48 29 Precast Accessories *(03 48)*

Note: Includes installation labor, material and equipment.

03 48 29 00-0001 Bearing Pads For Precast Members *(03 48 29)*

03 48 29 00-0002 Continuous 2" Wide Strips *(03 48 29 00-0001)*

03 48 29 00-0003	LF	Bearing Pads, Continuous 2" Wide x 1/8" Thick Strips Note: For precast members	1.73	
03 48 29 00-0004	LF	Bearing Pads, Continuous 2" Wide x 1/4" Thick Strips Note: For precast members.	2.48	
03 48 29 00-0005	LF	Bearing Pads, Continuous 2" Wide x 1/2" Thick Strips Note: For precast members	4.14	
03 48 29 00-0006	LF	Bearing Pads, Continuous 2" Wide x 3/4" Thick Strips Note: For precast members	5.84	
03 48 29 00-0007	LF	Bearing Pads, Continuous 2" Wide x 1" Thick Strips Note: For precast members	7.59	
03 48 29 00-0008	LF	Bearing Pads, Continuous 2" Wide x 1-1/2" Thick Strips Note: For precast members	10.93	

03 48 29 00-0009 Bearing Pad Pipe Supports *(03 48 29)*

03 48 29 00-0010	LF	8" Diameter Precast Balustrade, Decorative Shapes	103.10	
03 48 29 00-0011	LF	Precast Rail Cap, <1 SF Cross Section	66.13	
03 48 29 00-0012	LF	4" x 4" Precast Pipe Support	16.32	

03 48 49 Precast Landings *(03 48)*

03 48 49 00-0001	SF	3" Thick Precast Landing	116.43	
03 48 49 00-0002	SF	4" Thick Precast Landing	135.73	
03 48 49 00-0003	SF	5" Thick Precast Landing	154.22	
03 48 49 00-0004	SF	6" Thick Precast Landing	177.81	

03 48 54 Precast Concrete Blocks *(03 48)*

03 48 54 00-0001 Precast Interlocking Concrete Blocks *(03 48 54)*

Note: Includes lifting loop

03 48 54 00-0002	EA	2' x 2' x 2' Precast Interlocking Concrete (Ecology) Block	169.11	50.71
03 48 54 00-0003	EA	2' x 2' x 3' Precast Interlocking Concrete (Ecology) Block	202.12	57.06
03 48 54 00-0004	EA	2' x 2' x 4' Precast Interlocking Concrete (Ecology) Block	235.15	63.39
03 48 54 00-0005	EA	2' x 2' x 6' Precast Interlocking Concrete (Ecology) Block	318.37	69.74
03 48 54 00-0006	EA	2' x 2' x 8' Precast Interlocking Concrete (Ecology) Block	382.57	76.07

03 50 Cast Decks and Underlayment *(03)*

03 51 Cast Roof Decks *(03 50)*

03 51 13 Cementitious Wood Fiber Decks *(03 51)*

03 51 13 00-0001 Cement Fiber Tongue And Groove Planks *(03 51 13)*

03 51 13 00-0002	SF	1" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.95	
03 51 13 00-0003	SF	1-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	4.11	
03 51 13 00-0004	SF	2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	4.31	
03 51 13 00-0005	SF	2-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	4.90	
03 51 13 00-0006	SF	3" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	5.55	
03 51 13 00-0007	SF	3-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	6.28	
03 51 13 00-0008	SF	4" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	7.19	

03 51 16 Gypsum Concrete Roof Decks *(03 51)*

03 51 16 00-0001 Class A Gypsum Fill Concrete Deck *(03 51 16)*

03 51 16 00-0002	SF	2" Thick Precast Gypsum Fill Concrete Deck, Class A	12.84	0.67
03 51 16 00-0003	SF	2-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A	15.92	0.78
03 51 16 00-0004	SF	3" Thick Precast Gypsum Fill Concrete Deck, Class A	19.01	0.88
03 51 16 00-0005	SF	3-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A	22.12	0.99
03 51 16 00-0006	SF	4" Thick Precast Gypsum Fill Concrete Deck, Class A	25.27	1.11

03 51 16 00-0007 Form Board For Lightweight Deck *(03 51 16)*

03 51 16 00-0008	SF	Gypsum Deck Form Board, 1/2" Drywall For Lightweight Deck	2.67	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 51 16 00-0009	SF	Gypsum Deck Form Board, 1" Mineral Fiber Board For Lightweight Deck	3.62	
03 51 16 00-0010	SF	Gypsum Deck Form Board, 1-1/2" Mineral Fiber Board For Lightweight Deck	7.68	
03 51 16 00-0011	SF	Gypsum Deck Form Board, 1" Cementitious Fiber Board For Lightweight Deck	2.97	0.66
03 51 16 00-0012	SF	Gypsum Deck Form Board, 1-1/2" Cementitious Fiber Board For Lightweight Deck	3.64	0.66
03 51 16 00-0013	SF	Gypsum Deck Form Board, 1" Glass Fiber Board For Lightweight Deck	4.08	0.66
03 51 16 00-0014	SF	Gypsum Deck Form Board, 1-1/2" Glass Fiber Board For Lightweight Deck	5.08	0.66

03 51 16 00-0015 Gypsum Plank *(03 51 16)*

03 51 16 00-0016	SF	2" Thick, Insulating Concrete Gypsum Plank, Roof Deck	4.38	
03 51 16 00-0017	SF	3" Thick, Insulating Concrete Gypsum Plank, Roof Deck	5.76	

03 53 Concrete Topping *(03 50)*

Note: Installed over new or existing concrete.

03 53 14 Granolithic Concrete Topping *(03 53)*

03 53 14 00-0001 Granolithic Topping Laid After *(03 53 14)*

Note: Using 1:1:1-1/2 mix.

03 53 14 00-0002	SF	1/2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	4.93	
03 53 14 00-0003	SF	1" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	5.31	
03 53 14 00-0004	SF	2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	6.66	

03 53 19 Concrete Overlayment *(03 53)*

03 53 19 00-0001 Integral Topping Including Hard Trowel Finish *(03 53 19)*

Note: Using 1:1:2 mix.

03 53 19 00-0002	SF	3/16" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	2.93	
03 53 19 00-0003	SF	1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	3.27	
03 53 19 00-0004	SF	3/4" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	3.82	
03 53 19 00-0005	SF	1" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	4.52	
03 53 19 00-0006	SF	2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	6.39	
03 53 19 00-0007	SF	2-1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	5.44	
03 53 19 00-0008	SF	3" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	6.08	

03 54 Cast Underlayment *(03 50)*

Note: Includes primer. Excludes sandblasting existing smooth finished concrete surface (where necessary).

03 54 16 Hydraulic Cement Underlayment *(03 54)*

03 54 16 00-0001 Self Leveling Cementitious Underlayment For Floors *(03 54 16)*

Note: Includes primer.

03 54 16 00-0002	SF	1/8" Thick Self Leveling Cementitious Underlayment For Floors Note: Including Surface Preparation	2.10	
		For Up To 100 SF, Add	*0.16*	
		For >100 To 250 SF, Add	*0.08*	
03 54 16 00-0003	SF	1/4" Thick Self Leveling Cementitious Underlayment For Floors Note: Including Surface Preparation	3.65	
		For Up To 100 SF, Add	*0.16*	
		For >100 To 250 SF, Add	*0.08*	
03 54 16 00-0004	SF	3/8" Thick Self Leveling Cementitious Underlayment For Floors Note: Including Surface Preparation	5.20	
		For Up To 100 SF, Add	*0.16*	
		For >100 To 250 SF, Add	*0.08*	
03 54 16 00-0005	SF	1/2" Thick Self Leveling Cementitious Underlayment For Floors Note: Including Surface Preparation	6.74	
		For Up To 100 SF, Add	*0.16*	
		For >100 To 250 SF, Add	*0.08*	
03 54 16 00-0006	SF	5/8" Thick Self Leveling Cementitious Underlayment For Floors Note: Including Surface Preparation	8.29	
		For Up To 100 SF, Add	*0.16*	
		For >100 To 250 SF, Add	*0.08*	
03 54 16 00-0007	SF	3/4" Thick Self Leveling Cementitious Underlayment For Floors Note: Including Surface Preparation	9.89	
		For Up To 100 SF, Add	*0.19*	
		For >100 To 250 SF, Add	*0.09*	
03 54 16 00-0008	SF	1" Thick Self Leveling Cementitious Underlayment For Floors Note: Including Surface Preparation	12.98	
		For Up To 100 SF, Add	*0.19*	
		For >100 To 250 SF, Add	*0.09*	
03 54 16 00-0009	SF	1-1/4" Thick Self Leveling Cementitious Underlayment For Floors Note: Including Surface Preparation	16.13	
		For Up To 100 SF, Add	*0.21*	
		For >100 To 250 SF, Add	*0.11*	
03 54 16 00-0010	SF	1-1/2" Thick Self Leveling Cementitious Underlayment For Floors Note: Including Surface Preparation	19.22	
		For Up To 100 SF, Add	*0.21*	
		For >100 To 250 SF, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 54 16 00-0011	SF	1-3/4" Thick Self Leveling Cementitious Underlayment For Floors Note: Including Surface Preparation	22.42	
		For Up To 100 SF, Add	*0.26*	
		For >100 To 250 SF, Add	*0.13*	

03 60 Grouting *(03)*

03 61 Cementitious Grouting *(03 60)*

Note: 1 part cement to 3 parts sand by volume.

03 61 16 Cementitious Flowable Grout *(03 61)*

03 61 16 00-0001 Cementitious Flowable Grout *(03 61 16)*

03 61 16 00-0002	CY	Cementitious Flowable Grout	502.55	

03 62 Non-Shrink Grouting *(03 60)*

03 62 13 Non-Metallic Non-Shrink Grouting *(03 62)*

03 62 13 00-0001 Fluid Type, Non-Metallic Non-Shrink Grouting For Bases *(03 62 13)*

03 62 13 00-0002	SF	1" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Bases	30.02	
03 62 13 00-0003	SF	2" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Bases	44.68	

03 62 13 00-0004 Non-Metallic Non-Shrink Grouting For Bases *(03 62 13)*

03 62 13 00-0005	SF	1" Deep, Non-Metallic Non-Shrink Grout For Bases	44.57	
03 62 13 00-0006	SF	2" Deep, Non-Metallic Non-Shrink Grout For Bases	71.15	

03 62 13 00-0007 Non-Metallic Non-Shrink Grouting For Joints *(03 62 13)*

03 62 13 00-0008 1/2" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints *(03 62 13 00-0007)*

03 62 13 00-0009	LF	4" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	2.46	
03 62 13 00-0010	LF	6" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	3.21	
03 62 13 00-0011	LF	8" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	4.26	

03 62 13 00-0012 1" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints *(03 62 13 00-0007)*

03 62 13 00-0013	LF	4" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints	3.61	
03 62 13 00-0014	LF	6" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints	4.78	
03 62 13 00-0015	LF	8" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints	6.36	

03 62 16 Metallic Non-Shrink Grouting *(03 62)*

03 62 16 00-0001 Metallic Non-Shrink Grouting For Bases *(03 62 16)*

03 62 16 00-0002	SF	1" Deep, Metallic Non-Shrink Grout For Bases	37.95	
03 62 16 00-0003	SF	2" Deep, Metallic Non-Shrink Grout For Bases	58.32	

03 62 16 00-0004 Metallic Non-Shrink Grouting For Joints *(03 62 16)*

03 62 16 00-0005 1/2" Joint Thickness, Metallic Non-Shrink Grout For Joints *(03 62 16 00-0004)*

03 62 16 00-0006	LF	4" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints	2.05	
03 62 16 00-0007	LF	6" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints	2.59	
03 62 16 00-0008	LF	8" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints	3.45	

03 62 16 00-0009 1" Joint Thickness, Metallic Non-Shrink Grout For Joints *(03 62 16 00-0004)*

03 62 16 00-0010	LF	4" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints	2.80	
03 62 16 00-0011	LF	6" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints	3.53	
03 62 16 00-0012	LF	8" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints	4.72	

03 63 Epoxy Grouting *(03 60)*

03 63 00 00-0001 Spray On Concrete Epoxy Grout *(03 63)*

Note: (Sika 224) per thickness per coat.

03 63 00 00-0002	SF	1/4" Thick Coat Spray On Concrete Epoxy Grout	4.55	
		For Color, Add	*1.16*	
03 63 00 00-0003	SF	3/8" Thick Coat Spray On Concrete Epoxy Grout	6.27	
		For Color, Add	*1.74*	
03 63 00 00-0004	SF	1/2" Thick Coat Spray On Concrete Epoxy Grout	8.03	
		For Color, Add	*2.33*	
03 63 00 00-0005	SF	5/8" Thick Coat Spray On Concrete Epoxy Grout	9.59	
		For Color, Add	*2.91*	
03 63 00 00-0006	SF	3/4" Thick Coat Spray On Concrete Epoxy Grout	11.17	
		For Color, Add	*3.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 63 00 00-0007	SF	1" Thick Coat Spray On Concrete Epoxy Grout	14.45	
		For Color, Add	*4.67*	

03 64 Injection Grouting *(03 60)*

Note: By volume of void filled. Includes injection ports.

03 64 23 Epoxy Injection Grouting *(03 64)*

03 64 23 00-0001 Pressure Injected Epoxy Grout *(03 64 23)*

03 64 23 00-0002	CF	Pressure Injected Epoxy Grout	1,417.34	
		For >4, Deduct	*-149.38*	

03 64 26 Cementitious Injection Grouting *(03 64)*

03 64 26 00-0001 Pressure Injected Cementitious Grout *(03 64 26)*

03 64 26 00-0002	CF	Pressure Injected Cementitious Grout	252.25	
		For >4, Deduct	*-64.09*	

03 80 Concrete Cutting and Boring *(03)*

03 81 Concrete Cutting *(03 80)*

03 81 13 Flat Concrete Sawing *(03 81)*

See CSI section 02 41 19 13-0057 for saw cutting.

03 81 16 Track Mounted Concrete Wall Sawing *(03 81)*

See CSI section 02 41 19 13-0057 for saw cutting.

03 82 Concrete Boring *(03 80)*

03 82 13 Concrete Core Drilling *(03 82)*

See CSI section 02 41 19 13-0080 for core drilling.

END OF SECTION 03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

04 Masonry

04 01 Maintenance of Masonry *(04)*

04 01 20 Maintenance of Unit Masonry *(04 01)*

Note: For use on existing brick. Includes cleanup of debris. Excludes disposal.

04 01 20 41 Unit Masonry Stabilization *(04 01 20)*

04 01 20 41-0001 Masonry Repair (Helifix®) *(04 01 20 41)*

04 01 20 41-0002 Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For stabilizing solid masonry. Includes drilling, cementitious grout and patching surface.

04 01 20 41-0003 304 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) *(04 01 20 41-0002)*

04 01 20 41-0004	EA	8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	25.78	
		For Up To 10, Add	*10.62*	
		For >10 To 50, Add	*5.31*	
04 01 20 41-0005	EA	8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	37.73	
		For Up To 10, Add	*10.62*	
		For >10 To 50, Add	*5.31*	
04 01 20 41-0006	EA	8mm Diameter, 900mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	50.70	
		For Up To 10, Add	*10.62*	
		For >10 To 50, Add	*5.31*	

04 01 20 41-0007 316 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) *(04 01 20 41-0002)*

04 01 20 41-0008	EA	8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	28.37	
		For Up To 10, Add	*10.62*	
		For >10 To 50, Add	*5.31*	
04 01 20 41-0009	EA	8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	42.33	
		For Up To 10, Add	*10.62*	
		For >10 To 50, Add	*5.31*	
04 01 20 41-0010	EA	8mm Diameter, 900mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	57.60	
		For Up To 10, Add	*10.62*	
		For >10 To 50, Add	*5.31*	

04 01 20 41-0011 Ties For Stitching Masonry Cracks (Helifix® Helibar) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For stabilizing cracked masonry. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout. Excludes repairing vertical crack.

04 01 20 41-0012 304 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar) *(04 01 20 41-0011)*

04 01 20 41-0013	EA	4.5mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	67.26	
		For Up To 10, Add	*42.48*	
		For >10 To 50, Add	*21.24*	
04 01 20 41-0014	EA	4.5mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	74.05	
		For Up To 10, Add	*42.48*	
		For >10 To 50, Add	*21.24*	
04 01 20 41-0015	EA	4.5mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	231.53	
		For Up To 10, Add	*42.48*	
		For >10 To 50, Add	*21.24*	
04 01 20 41-0016	EA	6mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	67.26	
		For Up To 10, Add	*42.48*	
		For >10 To 50, Add	*21.24*	
04 01 20 41-0017	EA	6mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	74.05	
		For Up To 10, Add	*42.48*	
		For >10 To 50, Add	*21.24*	
04 01 20 41-0018	EA	6mm Diameter, 1.5m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	81.77	
		For Up To 10, Add	*42.48*	
		For >10 To 50, Add	*21.24*	
04 01 20 41-0019	EA	6mm Diameter, 2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	96.28	
		For Up To 10, Add	*42.48*	
		For >10 To 50, Add	*21.24*	
04 01 20 41-0020	EA	6mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	231.53	
		For Up To 10, Add	*42.48*	
		For >10 To 50, Add	*21.24*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0021		316 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar) *(04 01 20 41-0011)*		
04 01 20 41-0022	EA	4.5mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	70.96	
		For Up To 10, Add	*42.48*	
		For >10 To 50, Add	*21.24*	
04 01 20 41-0023	EA	4.5mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	78.98	
		For Up To 10, Add	*42.48*	
		For >10 To 50, Add	*21.24*	
04 01 20 41-0024	EA	4.5mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	262.32	
		For Up To 10, Add	*42.48*	
		For >10 To 50, Add	*21.24*	
04 01 20 41-0025	EA	6mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	70.96	
		For Up To 10, Add	*42.48*	
		For >10 To 50, Add	*21.24*	
04 01 20 41-0026	EA	6mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	78.98	
		For Up To 10, Add	*42.48*	
		For >10 To 50, Add	*21.24*	
04 01 20 41-0027	EA	6mm Diameter, 1.5m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	87.93	
		For Up To 10, Add	*42.48*	
		For >10 To 50, Add	*21.24*	
04 01 20 41-0028	EA	6mm Diameter, 2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	104.91	
		For Up To 10, Add	*42.48*	
		For >10 To 50, Add	*21.24*	
04 01 20 41-0029	EA	6mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	262.32	
		For Up To 10, Add	*42.48*	
		For >10 To 50, Add	*21.24*	
04 01 20 41-0030		Mechanical Repair Anchors (Helifix® TorkFix) *(04 01 20 41-0001)*		
		Note: Austenitic stainless steel. For stabilizing masonry veneer walls to inner wythes of brick, concrete block, wood studs or steel studs. Includes drilling and patching surface.		
04 01 20 41-0031		304 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix) *(04 01 20 41-0030)*		
04 01 20 41-0032	EA	4-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.89	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
04 01 20 41-0033	EA	5-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.11	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
04 01 20 41-0034	EA	6-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	15.33	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
04 01 20 41-0035	EA	7-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	16.54	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
04 01 20 41-0036	EA	8-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	17.76	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
04 01 20 41-0037	EA	9-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	18.98	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
04 01 20 41-0038	EA	4-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.89	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
04 01 20 41-0039	EA	5-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.11	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
04 01 20 41-0040	EA	6-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	15.33	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
04 01 20 41-0041	EA	7-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	16.54	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
04 01 20 41-0042	EA	8-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	17.76	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
04 01 20 41-0043	EA	10-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	20.19	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
04 01 20 41-0044	EA	4-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	12.89	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
04 01 20 41-0045	EA	6-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	15.33	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
04 01 20 41-0046	EA	8" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	17.15	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0047		316 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix) *(04 01 20 41-0030)*			
04 01 20 41-0048	EA	4-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		12.89	
		For Up To 10, Add		*6.37*	
		For >10 To 50, Add		*3.19*	
04 01 20 41-0049	EA	5-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		14.11	
		For Up To 10, Add		*6.37*	
		For >10 To 50, Add		*3.19*	
04 01 20 41-0050	EA	6-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		15.33	
		For Up To 10, Add		*6.37*	
		For >10 To 50, Add		*3.19*	
04 01 20 41-0051	EA	7-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		16.54	
		For Up To 10, Add		*6.37*	
		For >10 To 50, Add		*3.19*	
04 01 20 41-0052	EA	8-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		17.76	
		For Up To 10, Add		*6.37*	
		For >10 To 50, Add		*3.19*	
04 01 20 41-0053	EA	9-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		18.98	
		For Up To 10, Add		*6.37*	
		For >10 To 50, Add		*3.19*	
04 01 20 41-0054	EA	4-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		12.89	
		For Up To 10, Add		*6.37*	
		For >10 To 50, Add		*3.19*	
04 01 20 41-0055	EA	5-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		14.11	
		For Up To 10, Add		*6.37*	
		For >10 To 50, Add		*3.19*	
04 01 20 41-0056	EA	6-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		15.33	
		For Up To 10, Add		*6.37*	
		For >10 To 50, Add		*3.19*	
04 01 20 41-0057	EA	7-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		16.54	
		For Up To 10, Add		*6.37*	
		For >10 To 50, Add		*3.19*	
04 01 20 41-0058	EA	8-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		17.76	
		For Up To 10, Add		*6.37*	
		For >10 To 50, Add		*3.19*	
04 01 20 41-0059	EA	10-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		20.19	
		For Up To 10, Add		*6.37*	
		For >10 To 50, Add		*3.19*	
04 01 20 41-0060	EA	4-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)		12.89	
		For Up To 10, Add		*6.37*	
		For >10 To 50, Add		*3.19*	
04 01 20 41-0061	EA	6-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)		15.33	
		For Up To 10, Add		*6.37*	
		For >10 To 50, Add		*3.19*	
04 01 20 41-0062	EA	8" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)		17.15	
		For Up To 10, Add		*6.37*	
		For >10 To 50, Add		*3.19*	
04 01 20 41-0063		Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) *(04 01 20 41-0001)*			
		Note: Austenitic stainless steel. For pinning stucco, terracotta, granite, marble, etc., to concrete block, brick or solid concrete. Includes drilling and patching surface.			
04 01 20 41-0064		304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) *(04 01 20 41-0063)*			
04 01 20 41-0065	EA	8mm Diameter, 115mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)		10.03	
		For Up To 10, Add		*6.37*	
		For >10 To 50, Add		*3.19*	
		For Metal Stud Clip, Add		*2.87*	
04 01 20 41-0066	EA	8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)		10.47	
		For Up To 10, Add		*6.37*	
		For >10 To 50, Add		*3.19*	
		For Metal Stud Clip, Add		*2.87*	
04 01 20 41-0067	EA	8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)		10.56	
		For Up To 10, Add		*6.37*	
		For >10 To 50, Add		*3.19*	
		For Metal Stud Clip, Add		*2.87*	
04 01 20 41-0068	EA	8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)		10.74	
		For Up To 10, Add		*6.37*	
		For >10 To 50, Add		*3.19*	
		For Metal Stud Clip, Add		*2.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0069	EA	8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.05	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0070	EA	8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.32	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0071	EA	8mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.46	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0072	EA	8mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.63	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0073	EA	8mm Diameter, 325mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.41	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0074	EA	8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.51	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0075	EA	8mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.45	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0076	EA	8mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	14.24	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0077	EA	8mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	14.92	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0078	EA	8mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	17.31	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0079	EA	8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	19.43	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0080	EA	8mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	22.25	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0081	EA	10mm Diameter, 125mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.18	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0082	EA	10mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.65	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0083	EA	10mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.08	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0084	EA	10mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.46	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0085	EA	10mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.70	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0086	EA	10mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.87	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0087	EA	10mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.15	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0088	EA	10mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.27	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0089	EA	10mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.82	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0090	EA	10mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.61	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0091	EA	10mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	14.26	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0092	EA	10mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	15.09	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0093	EA	10mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	19.57	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0094	EA	10mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	22.08	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0095	EA	10mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	25.97	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0096	EA	8mm Tapered To 6.5mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.21	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0097	EA	8mm Tapered To 6.5mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.49	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0098	EA	8mm Tapered To 6.5mm Diameter, 185mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.67	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0099	EA	8mm Tapered To 6.5mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.80	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0100	EA	8mm Tapered To 6.5mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.19	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0101	EA	8mm Tapered To 6.5mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.81	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0102	EA	8mm Tapered To 6.5mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	13.04	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0103	EA	8mm Tapered To 6.5mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	13.66	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0104	EA	10mm Tapered To 8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.93	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0105	EA	10mm Tapered To 8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.47	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0106	EA	10mm Tapered To 8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.84	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0107	EA	10mm Tapered To 8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	13.09	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0108	EA	10mm Tapered To 8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	13.26	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0109	EA	10mm Tapered To 8mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	13.66	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0110	EA	304 Stainless Steel, Seismic Connector (Helifix® DryFix®) Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire.	5.37	
		For Up To 10, Add	*3.19*	
		For >10 To 50, Add	*1.60*	

04 01 20 41-0111 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) *(04 01 20 41-0063)*

04 01 20 41-0112	EA	8mm Diameter, 115mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.73	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0113	EA	8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.27	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0114	EA	8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.38	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0115	EA	8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.60	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0116	EA	8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.00	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0117	EA	8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.33	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0118	EA	8mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.50	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0119	EA	8mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.72	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0120	EA	8mm Diameter, 325mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.52	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0121	EA	8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.67	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0122	EA	8mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	14.84	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0123	EA	8mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	15.82	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0124	EA	8mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	16.67	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0125	EA	8mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	19.66	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0126	EA	8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	22.07	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0127	EA	8mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	25.60	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0128	EA	10mm Diameter, 125mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.01	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0129	EA	10mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.54	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0130	EA	10mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.08	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0131	EA	10mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.55	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0132	EA	10mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.86	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0133	EA	10mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.06	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0134	EA	10mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.42	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0135	EA	10mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.56	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0136	EA	10mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	14.21	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0137	EA	10mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	15.09	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0138	EA	10mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	15.91	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0139	EA	10mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	16.94	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0140	EA	10mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	22.54	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0141	EA	10mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	25.21	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0142	EA	10mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	30.08	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0143	EA	8mm Tapered To 6.5mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.31	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0144	EA	8mm Tapered To 6.5mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.62	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0145	EA	8mm Tapered To 6.5mm Diameter, 185mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.84	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0146	EA	8mm Tapered To 6.5mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	13.01	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0147	EA	8mm Tapered To 6.5mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	13.49	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0148	EA	8mm Tapered To 6.5mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	14.27	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0149	EA	8mm Tapered To 6.5mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	14.52	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0150	EA	8mm Tapered To 6.5mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	15.29	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0151	EA	10mm Tapered To 8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	13.10	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0152	EA	10mm Tapered To 8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	13.77	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0153	EA	10mm Tapered To 8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	14.24	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0154	EA	10mm Tapered To 8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	14.55	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0155	EA	10mm Tapered To 8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	14.75	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0156	EA	10mm Tapered To 8mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	15.25	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
		For Metal Stud Clip, Add	*2.87*	
04 01 20 41-0157	EA	316 Stainless Steel, Seismic Connector (Helifix® DryFix®)	5.90	
		Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire.		
		For Up To 10, Add	*3.19*	
		For >10 To 50, Add	*1.60*	
04 01 20 41-0158		Concrete Patching Pins (Helifix® PatchPin) *(04 01 20 41-0001)*		
		Note: Austenitic stainless steel. For patching reinforced concrete. Includes drilling. Excludes patching mortar.		
04 01 20 41-0159		304 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin) *(04 01 20 41-0158)*		
04 01 20 41-0160	EA	8mm Diameter, 70mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	8.34	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
04 01 20 41-0161	EA	8mm Diameter, 102mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	8.40	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
04 01 20 41-0162		316 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin) *(04 01 20 41-0158)*		
04 01 20 41-0163	EA	8mm Diameter, 70mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	8.71	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
04 01 20 41-0164	EA	8mm Diameter, 102mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	8.80	
		For Up To 10, Add	*6.37*	
		For >10 To 50, Add	*3.19*	
04 01 20 41-0165		Movement Joint Ties (Helifix® Movement Joint Tie *(04 01 20 41-0001)*		
		Note: Austenitic stainless steel. For creating movement joints in existing walls. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout.		
04 01 20 41-0166		304 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie) *(04 01 20 41-0165)*		
04 01 20 41-0167	EA	6mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie)	53.71	
		For Up To 10, Add	*42.48*	
		For >10 To 50, Add	*21.24*	
04 01 20 41-0168		316 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie) *(04 01 20 41-0165)*		
04 01 20 41-0169	EA	6mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie)	55.41	
		For Up To 10, Add	*42.48*	
		For >10 To 50, Add	*21.24*	
04 01 20 41-0170		Unit Masonry Stabilization *(04 01 20 41)*		
04 01 20 41-0171		Repair Bulging Or Loose Masonry *(04 01 20 41-0170)*		
04 01 20 41-0172	SF	Repair Bulging Or Loose Masonry Using Existing Masonry	92.26	
		Note: Includes saw cutting, toothing, removing loose masonry, installing anchor and reinstalling brick and mortar.		
04 01 20 41-0173	SF	Repair Bulging Or Loose Masonry Using New Masonry	98.18	
		Note: Includes saw cutting, toothing, removing loose masonry, installing anchor and installing new brick and mortar.		
04 01 20 51		**Unit Masonry Maintenance** *(04 01 20)*		
04 01 20 51-0001		Repair Masonry *(04 01 20 51)*		
		Note: Includes mortar for repair.		
04 01 20 51-0002	SF	Patch And Repair Terra Cotta Walls Or Coping	22.22	
		Note: Including Replacement Of Damaged Material		
04 01 20 51-0003	SF	Patch And Repair Terra Cotta Floors	20.67	
		Note: Including Replacement Of Damaged Material		
04 01 20 51-0004	LF	Chip And Repair With Masonry Patch, Cracks Up To 1/4"	4.92	
04 01 20 51-0005	SF	Patching Over Masonry Surface With Elastomeric Paint Using A Trowel 6" Blade	8.40	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 51-0006	LF	Pressure Grout Block/Brick, Portland Cement Base, Using LA City RGA Rule Of General Application 1-91	437.36	
04 01 20 51-0007	LF	Pressure Grout Block/Brick, Portland Cement Base, Master Builders RHEOCEM 900	124.78	
04 01 20 51-0008	LF	Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non-Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (SealBoss 1570)	39.83	
		For Cracks Accessible From Both Sides, Add	*8.09*	
04 01 20 51-0009	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (Sikadur® 52)	35.44	
		For Cracks Accessible From Both Sides, Add	*8.09*	
04 01 20 51-0010	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied Trowel (Sikadur® 52)	9.54	
		For V-Grooving Crack With Grinder, Add	*6.88*	
04 01 20 51-0011	LF	>1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied With Trowel (Sikadur® 52)	12.82	
		For V-Grooving Crack With Grinder, Add	*6.54*	

04 01 20 51-0012 Grind Unit Masonry *(04 01 20 51)*

04 01 20 51-0013	SF	Grind Smooth Masonry Wall	4.42	

04 01 20 52 Unit Masonry Cleaning *(04 01 20)*

See CSI section 09 01 90 52-0002 for cleaning of unit masonry surfaces.

04 01 20 91 Unit Masonry Restoration *(04 01 20)*

See CSI section 03 01 30 71-0057 for crack repair.

04 01 20 91-0001 Cut And Repoint Masonry *(04 01 20 91)*

Note: Remove existing mortar to 3/4" depth. Repoint with pointing mortar. Includes pointing mortar, cutting, rinsing and cleaning joint.

04 01 20 91-0002	SF	Cut And Repoint, Hard Mortar, Running Bond, Brick	10.70	
		For Common Bond, Add	*0.40*	
		For Flemish Bond, Add	*1.39*	
		For English Bond, Add	*2.29*	
		For Oversized Or Larger Than Standard, Deduct	*-1.61*	
		For >250 To 1,000, Deduct	*-0.50*	
		For >1,000, Deduct	*-1.03*	
04 01 20 91-0003	SF	Cut And Repoint, Soft, Loose Or Crumbling Mortar, Running Bond, Brick	7.50	
		For Common Bond, Add	*0.27*	
		For Flemish Bond, Add	*0.95*	
		For English Bond, Add	*1.55*	
		For Oversized Or Larger Than Standard, Deduct	*-1.13*	
		For >250 To 1,000, Deduct	*-0.34*	
		For >1,000, Deduct	*-0.71*	
04 01 20 91-0004	SF	Cut And Repoint, Hard Mortar, Running Bond, Concrete Block	5.70	
		For Common Bond, Add	*0.20*	
		For Oversized Or Larger Than Standard, Deduct	*-0.86*	
		For >250 To 1,000, Deduct	*-0.25*	
		For >1,000, Deduct	*-0.53*	
04 01 20 91-0005	SF	Cut And Repoint, Soft, Loose Or Crumbling Mortar, Running Bond, Concrete Block	4.12	
		For Common Bond, Add	*0.13*	
		For Oversized Or Larger Than Standard, Deduct	*-0.62*	
		For >250 To 1,000, Deduct	*-0.17*	
		For >1,000, Deduct	*-0.37*	
04 01 20 91-0006	LF	Cut And Repoint Brick/Block, Irregular Shapes And Other Than Complete SF Area	3.49	

04 01 50 Maintenance of Refractory Masonry *(04 01)*

04 01 50 52 Refractory Masonry Cleaning *(04 01 50)*

04 01 50 52-0001 Chimney Cleaning *(04 01 50 52)*

04 01 50 52-0002	LF	Up To 2 SF Cross Section Chimney Cleaning	8.38	
04 01 50 52-0003	LF	>2 To 4 SF Cross Section Chimney Cleaning	16.74	
04 01 50 52-0004	LF	>4 SF Cross Section Chimney Cleaning	25.11	

04 05 Common Work Results for Masonry *(04)*

04 05 13 Masonry Mortaring *(04 05)*

04 05 13 26 Engineered Masonry Mortaring *(04 05 13)*

Note: Mortar, sand and standard supplements are included in the cost of brick, block, stone, simulated or synthetic masonry units.

04 05 13 26-0001 Masonry Cement Mortar *(04 05 13 26)*

Note: Ratio is bag material to sand.

04 05 13 26-0002	CF	Type M Masonry Cement 1:1:6 Mix	9.03	
04 05 13 26-0003	CF	Type N Masonry Cement 1:3 Mix	8.33	
04 05 13 26-0004	CF	Type O Masonry Cement 1:3 Mix	8.55	
04 05 13 26-0005	CF	Type PM Masonry Cement 1:1:6 Mix, 2,500 PSI	9.36	
04 05 13 26-0006	CF	Type S Masonry Cement 1/2:1:4 Mix	9.87	

04 05 13 26-0007 Mortar Admixture *(04 05 13 26)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 13 26-0008	CF	Water - Repellent Stearate - Cost Based On CF Of Mortar	0.45	
04 05 13 26-0009	CF	Pozzolanic Plasticizers - Cost Based On CF Of Mortar	0.08	
04 05 13 26-0010		Color Admixtures For Mortar *(04 05 13 26)*		
		Note: Costs are based on CF of mortar.		
04 05 13 26-0011	CF	Buff Colored Admixture	2.86	
04 05 13 26-0012	CF	Brown Colored Admixture	3.24	
04 05 13 26-0013	CF	Black Colored Admixture	4.01	
04 05 13 26-0014	CF	Red Colored Admixture	8.79	
04 05 13 26-0015		Portland Cement *(04 05 13 26)*		
04 05 13 26-0016	CF	Type I, Normal Portland Cement	15.23	
04 05 13 26-0017	CF	Type II, Modified Portland Cement	7.59	
04 05 13 26-0018	CF	Type III, High Early Strength Portland Cement	8.06	
04 05 13 26-0019	CF	Type I, White Non-Staining Portland Cement	16.88	

04 05 16 Masonry Grouting *(04 05)*

04 05 16 26 Engineered Masonry Grouting *(04 05 16)*

Note: Excludes reinforcement.

04 05 16 26-0001		Grout Bond Beams And Lintels, Grout Fill *(04 05 16 26)*		
		Note: Excludes block.		
04 05 16 26-0002	LF	Grout Bond Beams And Lintels - 6" Block, Grout Fill Only, 0.1125 CF/LF, 8" Deep	4.78	
04 05 16 26-0003	LF	Grout Bond Beams And Lintels - 8" Block, Grout Fill Only, 0.20 CF/LF, 8" Deep	5.21	
04 05 16 26-0004	LF	Grout Bond Beams And Lintels - 10" Block, Grout Fill Only, 0.25 CF/LF, 8" Deep	5.83	
04 05 16 26-0005	LF	Grout Bond Beams And Lintels, 12" Block, Grout Fill Only, 0.30 CF/LF, 8" Deep	6.52	
04 05 16 26-0006		Grout Concrete Block Cores, Grout Fill *(04 05 16 26)*		
		Note: Per SF of face area filled.		
04 05 16 26-0007	SF	Grout Concrete Block Cores- 4" Block, (0.067 CF/SF) Grout Fill Block Solid	3.72	
04 05 16 26-0008	SF	Grout Concrete Block Cores- 6" Block, (0.175 CF/SF) Grout Fill Block Solid	5.41	
04 05 16 26-0009	SF	Grout Concrete Block Cores- 8" Block, (0.258 CF/SF) Grout Fill Block Solid	7.73	
04 05 16 26-0010	SF	Grout Concrete Block Cores- 10" Block, (0.34 CF/SF) Grout Fill Block Solid	9.49	
04 05 16 26-0011	SF	Grout Concrete Block Cores- 12" Block, (0.422 CF/SF) Grout Fill Block Solid	11.22	
04 05 16 26-0012		Grout Cavity Walls, Grout Fill *(04 05 16 26)*		
		Note: Per SF of face area filled.		
04 05 16 26-0013	SF	Grout Cavity Walls - 2" Space, (0.167 CF/SF) Grout Fill	4.39	
04 05 16 26-0014	SF	Grout Cavity Walls - 3" Space, (0.250 CF/SF) Grout Fill	6.19	
04 05 16 26-0015	SF	Grout Cavity Walls - 4" Space, (0.333 CF/SF) Grout Fill	7.77	
04 05 16 26-0016	SF	Grout Cavity Walls - 6" Space, (0.500 CF/SF) Grout Fill	10.55	
04 05 16 26-0017		Grout Frames, Grout Fill *(04 05 16 26)*		
04 05 16 26-0018	LF	Grout Door Frames - Grout Fill	6.97	
04 05 16 26-0019	LF	Grout Window Frames - Grout Fill	5.97	
04 05 16 26-0020		Sand Filled Walls *(04 05 16 26)*		
04 05 16 26-0021		Sand Fill Cavity Walls, Sand Fill *(04 05 16 26-0020)*		
		Note: Per SF of face area filled.		
04 05 16 26-0022	SF	Sand Fill Cavity Walls - 2" Space, (0.167 CF/SF) Sand Fill	3.54	
04 05 16 26-0023	SF	Sand Fill Cavity Walls - 3" Space, (0.250 CF/SF) Sand Fill	4.87	
04 05 16 26-0024	SF	Sand Fill Cavity Walls - 4" Space, (0.333 CF/SF) Sand Fill	5.98	
04 05 16 26-0025	SF	Sand Fill Cavity Walls - 6" Space, (0.500 CF/SF) Sand Fill	7.93	

04 05 19 Masonry Anchorage and Reinforcing *(04 05)*

04 05 19 13 Continuous Joint Reinforcing *(04 05 19)*

Note: Includes cutting and bending.

04 05 19 13-0001		Continuous Joint Reinforcing *(04 05 19 13)*		
04 05 19 13-0002		Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0001)*		
04 05 19 13-0003		Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0002)*		
04 05 19 13-0004		Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*		
04 05 19 13-0005	CLF	#4 (For 4" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	71.52	
		For Hot-Dipped Galvanized, Add	*14.96*	
		For Stainless Steel, Add	*59.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0006	CLF	#6 (For 6" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	75.88	
		For Hot-Dipped Galvanized, Add	*15.72*	
		For Stainless Steel, Add	*62.86*	
04 05 19 13-0007	CLF	#8 (For 8" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	81.62	
		For Hot-Dipped Galvanized, Add	*16.57*	
		For Stainless Steel, Add	*66.26*	
04 05 19 13-0008	CLF	#10 (For 10" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	88.39	
		For Hot-Dipped Galvanized, Add	*17.53*	
		For Stainless Steel, Add	*70.10*	
04 05 19 13-0009	CLF	#12 (For 12" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	96.20	
		For Hot-Dipped Galvanized, Add	*18.47*	
		For Stainless Steel, Add	*73.86*	
04 05 19 13-0010	CLF	#13 (For 13" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	101.85	
		For Hot-Dipped Galvanized, Add	*18.93*	
		For Stainless Steel, Add	*75.70*	
04 05 19 13-0011	CLF	#14 (For 14" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	106.10	
		For Hot-Dipped Galvanized, Add	*19.45*	
		For Stainless Steel, Add	*77.80*	
04 05 19 13-0012	CLF	#16 (For 16" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	124.94	
		For Hot-Dipped Galvanized, Add	*26.74*	
		For Stainless Steel, Add	*106.94*	
04 05 19 13-0013	CLF	#18 (For 18" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	158.39	
		For Hot-Dipped Galvanized, Add	*41.33*	
		For Stainless Steel, Add	*165.32*	

04 05 19 13-0014 Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0015	CLF	#4 (For 4" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	88.11	
		For Hot-Dipped Galvanized, Add	*23.26*	
		For Stainless Steel, Add	*93.02*	
04 05 19 13-0016	CLF	#6 (For 6" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	92.65	
		For Hot-Dipped Galvanized, Add	*24.10*	
		For Stainless Steel, Add	*96.40*	
04 05 19 13-0017	CLF	#8 (For 8" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	98.57	
		For Hot-Dipped Galvanized, Add	*25.04*	
		For Stainless Steel, Add	*100.16*	
04 05 19 13-0018	CLF	#10 (For 10" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	105.16	
		For Hot-Dipped Galvanized, Add	*25.91*	
		For Stainless Steel, Add	*103.64*	
04 05 19 13-0019	CLF	#12 (For 12" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	112.92	
		For Hot-Dipped Galvanized, Add	*26.83*	
		For Stainless Steel, Add	*107.30*	
04 05 19 13-0020	CLF	#13 (For 13" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	118.65	
		For Hot-Dipped Galvanized, Add	*27.33*	
		For Stainless Steel, Add	*109.32*	
04 05 19 13-0021	CLF	#14 (For 14" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	122.79	
		For Hot-Dipped Galvanized, Add	*27.79*	
		For Stainless Steel, Add	*111.16*	
04 05 19 13-0022	CLF	#16 (For 16" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	146.99	
		For Hot-Dipped Galvanized, Add	*37.77*	
		For Stainless Steel, Add	*151.06*	
04 05 19 13-0023	CLF	#18 (For 18" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	196.22	
		For Hot-Dipped Galvanized, Add	*60.25*	
		For Stainless Steel, Add	*241.00*	

04 05 19 13-0024 Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0025	CLF	#4 (For 4" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	104.19	
		For Hot-Dipped Galvanized, Add	*31.30*	
		For Stainless Steel, Add	*125.18*	
04 05 19 13-0026	CLF	#6 (For 6" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	110.83	
		For Hot-Dipped Galvanized, Add	*33.01*	
		For Stainless Steel, Add	*132.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0027	CLF	#8 (For 8" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	117.47	
		For Hot-Dipped Galvanized, Add	*34.73*	
		For Stainless Steel, Add	*138.92*	
04 05 19 13-0028	CLF	#10 (For 10" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	126.93	
		For Hot-Dipped Galvanized, Add	*36.80*	
		For Stainless Steel, Add	*147.18*	
04 05 19 13-0029	CLF	#12 (For 12" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	136.34	
		For Hot-Dipped Galvanized, Add	*38.83*	
		For Stainless Steel, Add	*155.32*	
04 05 19 13-0030	CLF	#13 (For 13" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	143.87	
		For Hot-Dipped Galvanized, Add	*39.93*	
		For Stainless Steel, Add	*159.72*	
04 05 19 13-0031	CLF	#14 (For 14" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	148.41	
		For Hot-Dipped Galvanized, Add	*40.87*	
		For Stainless Steel, Add	*163.48*	
04 05 19 13-0032	CLF	#16 (For 16" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	156.97	
		For Hot-Dipped Galvanized, Add	*42.75*	
		For Stainless Steel, Add	*171.00*	
04 05 19 13-0033	CLF	#18 (For 18" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	217.78	
		For Hot-Dipped Galvanized, Add	*71.02*	
		For Stainless Steel, Add	*284.08*	

04 05 19 13-0034 Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0035	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	109.72	
		For Hot-Dipped Galvanized, Add	*34.06*	
		For Stainless Steel, Add	*136.24*	
04 05 19 13-0036	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	114.05	
		For Hot-Dipped Galvanized, Add	*34.80*	
		For Stainless Steel, Add	*139.20*	
04 05 19 13-0037	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	119.78	
		For Hot-Dipped Galvanized, Add	*35.65*	
		For Stainless Steel, Add	*142.60*	
04 05 19 13-0038	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	126.56	
		For Hot-Dipped Galvanized, Add	*36.61*	
		For Stainless Steel, Add	*146.44*	
04 05 19 13-0039	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	134.37	
		For Hot-Dipped Galvanized, Add	*37.55*	
		For Stainless Steel, Add	*150.20*	
04 05 19 13-0040	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	140.03	
		For Hot-Dipped Galvanized, Add	*38.01*	
		For Stainless Steel, Add	*152.04*	
04 05 19 13-0041	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	144.25	
		For Hot-Dipped Galvanized, Add	*38.53*	
		For Stainless Steel, Add	*154.12*	
04 05 19 13-0042	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	163.11	
		For Hot-Dipped Galvanized, Add	*45.82*	
		For Stainless Steel, Add	*183.28*	

04 05 19 13-0043 Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0044	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	126.30	
		For Hot-Dipped Galvanized, Add	*42.35*	
		For Stainless Steel, Add	*169.40*	
04 05 19 13-0045	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	130.85	
		For Hot-Dipped Galvanized, Add	*43.20*	
		For Stainless Steel, Add	*172.80*	
04 05 19 13-0046	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	136.76	
		For Hot-Dipped Galvanized, Add	*44.14*	
		For Stainless Steel, Add	*176.56*	
04 05 19 13-0047	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	143.36	
		For Hot-Dipped Galvanized, Add	*45.01*	
		For Stainless Steel, Add	*180.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0048	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	151.13	
		For Hot-Dipped Galvanized, Add	*45.93*	
		For Stainless Steel, Add	*183.72*	
04 05 19 13-0049	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	156.85	
		For Hot-Dipped Galvanized, Add	*46.43*	
		For Stainless Steel, Add	*185.72*	
04 05 19 13-0050	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	160.98	
		For Hot-Dipped Galvanized, Add	*46.89*	
		For Stainless Steel, Add	*187.56*	
04 05 19 13-0051	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	185.18	
		For Hot-Dipped Galvanized, Add	*56.86*	
		For Stainless Steel, Add	*227.44*	
04 05 19 13-0052	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	234.43	
		For Hot-Dipped Galvanized, Add	*79.36*	
		For Stainless Steel, Add	*317.42*	

04 05 19 13-0053 Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0054	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	142.36	
		For Hot-Dipped Galvanized, Add	*50.38*	
		For Stainless Steel, Add	*201.52*	
04 05 19 13-0055	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	149.02	
		For Hot-Dipped Galvanized, Add	*52.11*	
		For Stainless Steel, Add	*208.42*	
04 05 19 13-0056	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	155.66	
		For Hot-Dipped Galvanized, Add	*53.83*	
		For Stainless Steel, Add	*215.30*	
04 05 19 13-0057	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	165.09	
		For Hot-Dipped Galvanized, Add	*55.88*	
		For Stainless Steel, Add	*223.50*	
04 05 19 13-0058	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	174.54	
		For Hot-Dipped Galvanized, Add	*57.93*	
		For Stainless Steel, Add	*231.72*	
04 05 19 13-0059	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	182.05	
		For Hot-Dipped Galvanized, Add	*59.02*	
		For Stainless Steel, Add	*236.08*	
04 05 19 13-0060	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	186.58	
		For Hot-Dipped Galvanized, Add	*59.96*	
		For Stainless Steel, Add	*239.82*	
04 05 19 13-0061	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	195.14	
		For Hot-Dipped Galvanized, Add	*61.84*	
		For Stainless Steel, Add	*247.34*	
04 05 19 13-0062	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	255.96	
		For Hot-Dipped Galvanized, Add	*90.11*	
		For Stainless Steel, Add	*360.44*	

04 05 19 13-0063 Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0064	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	147.90	
		For Hot-Dipped Galvanized, Add	*53.15*	
		For Stainless Steel, Add	*212.60*	
04 05 19 13-0065	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	152.23	
		For Hot-Dipped Galvanized, Add	*53.89*	
		For Stainless Steel, Add	*215.56*	
04 05 19 13-0066	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	157.97	
		For Hot-Dipped Galvanized, Add	*54.75*	
		For Stainless Steel, Add	*218.98*	
04 05 19 13-0067	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	164.75	
		For Hot-Dipped Galvanized, Add	*55.71*	
		For Stainless Steel, Add	*222.82*	
04 05 19 13-0068	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	172.55	
		For Hot-Dipped Galvanized, Add	*56.64*	
		For Stainless Steel, Add	*226.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0069	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	178.21	
		For Hot-Dipped Galvanized, Add	*57.10*	
		For Stainless Steel, Add	*228.40*	
04 05 19 13-0070	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	182.44	
		For Hot-Dipped Galvanized, Add	*57.63*	
		For Stainless Steel, Add	*230.50*	
04 05 19 13-0071	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	201.29	
		For Hot-Dipped Galvanized, Add	*64.91*	
		For Stainless Steel, Add	*259.64*	
04 05 19 13-0072	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	234.74	
		For Hot-Dipped Galvanized, Add	*79.51*	
		For Stainless Steel, Add	*318.02*	

04 05 19 13-0073 Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0074	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	164.48	
		For Hot-Dipped Galvanized, Add	*61.44*	
		For Stainless Steel, Add	*245.76*	
04 05 19 13-0075	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	169.03	
		For Hot-Dipped Galvanized, Add	*62.29*	
		For Stainless Steel, Add	*249.16*	
04 05 19 13-0076	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	174.94	
		For Hot-Dipped Galvanized, Add	*63.23*	
		For Stainless Steel, Add	*252.92*	
04 05 19 13-0077	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, Four-Wire, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	181.55	
		For Hot-Dipped Galvanized, Add	*64.11*	
		For Stainless Steel, Add	*256.42*	
04 05 19 13-0078	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	189.31	
		For Hot-Dipped Galvanized, Add	*65.02*	
		For Stainless Steel, Add	*260.08*	
04 05 19 13-0079	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	195.03	
		For Hot-Dipped Galvanized, Add	*65.52*	
		For Stainless Steel, Add	*262.08*	
04 05 19 13-0080	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	199.16	
		For Hot-Dipped Galvanized, Add	*65.98*	
		For Stainless Steel, Add	*263.92*	
04 05 19 13-0081	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	223.36	
		For Hot-Dipped Galvanized, Add	*75.95*	
		For Stainless Steel, Add	*303.80*	
04 05 19 13-0082	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	272.61	
		For Hot-Dipped Galvanized, Add	*98.45*	
		For Stainless Steel, Add	*393.78*	

04 05 19 13-0083 Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0084	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	180.54	
		For Hot-Dipped Galvanized, Add	*69.47*	
		For Stainless Steel, Add	*277.88*	
04 05 19 13-0085	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	187.20	
		For Hot-Dipped Galvanized, Add	*71.20*	
		For Stainless Steel, Add	*284.78*	
04 05 19 13-0086	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	193.84	
		For Hot-Dipped Galvanized, Add	*72.92*	
		For Stainless Steel, Add	*291.66*	
04 05 19 13-0087	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	203.28	
		For Hot-Dipped Galvanized, Add	*74.97*	
		For Stainless Steel, Add	*299.88*	
04 05 19 13-0088	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	212.72	
		For Hot-Dipped Galvanized, Add	*77.02*	
		For Stainless Steel, Add	*308.08*	
04 05 19 13-0089	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	220.23	
		For Hot-Dipped Galvanized, Add	*78.11*	
		For Stainless Steel, Add	*312.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0090	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	224.77	
		For Hot-Dipped Galvanized, Add	*79.05*	
		For Stainless Steel, Add	*316.20*	
04 05 19 13-0091	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	233.32	
		For Hot-Dipped Galvanized, Add	*80.93*	
		For Stainless Steel, Add	*323.70*	
04 05 19 13-0092	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	294.14	
		For Hot-Dipped Galvanized, Add	*109.20*	
		For Stainless Steel, Add	*436.80*	

04 05 19 13-0093 Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0094 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0093)*

04 05 19 13-0095	CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	104.87	
		For Hot-Dipped Galvanized, Add	*25.43*	
		For Stainless Steel, Add	*101.72*	
04 05 19 13-0096	CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	115.53	
		For Hot-Dipped Galvanized, Add	*27.77*	
		For Stainless Steel, Add	*111.06*	
04 05 19 13-0097	CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	125.67	
		For Hot-Dipped Galvanized, Add	*29.83*	
		For Stainless Steel, Add	*119.32*	
04 05 19 13-0098	CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	134.04	
		For Hot-Dipped Galvanized, Add	*31.02*	
		For Stainless Steel, Add	*124.08*	
04 05 19 13-0099	CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	139.25	
		For Hot-Dipped Galvanized, Add	*32.12*	
		For Stainless Steel, Add	*128.48*	
04 05 19 13-0100	CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	149.55	
		For Hot-Dipped Galvanized, Add	*34.57*	
		For Stainless Steel, Add	*138.28*	
04 05 19 13-0101	CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	158.38	
		For Hot-Dipped Galvanized, Add	*36.59*	
		For Stainless Steel, Add	*146.34*	

04 05 19 13-0102 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0093)*

04 05 19 13-0103	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	125.53	
		For Hot-Dipped Galvanized, Add	*35.76*	
		For Stainless Steel, Add	*143.04*	
04 05 19 13-0104	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	136.24	
		For Hot-Dipped Galvanized, Add	*38.12*	
		For Stainless Steel, Add	*152.48*	
04 05 19 13-0105	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	146.15	
		For Hot-Dipped Galvanized, Add	*40.07*	
		For Stainless Steel, Add	*160.28*	
04 05 19 13-0106	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	154.75	
		For Hot-Dipped Galvanized, Add	*41.38*	
		For Stainless Steel, Add	*165.50*	
04 05 19 13-0107	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	159.91	
		For Hot-Dipped Galvanized, Add	*42.45*	
		For Stainless Steel, Add	*169.80*	
04 05 19 13-0108	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	170.21	
		For Hot-Dipped Galvanized, Add	*44.90*	
		For Stainless Steel, Add	*179.60*	
04 05 19 13-0109	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	179.32	
		For Hot-Dipped Galvanized, Add	*47.06*	
		For Stainless Steel, Add	*188.22*	

04 05 19 13-0110 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0093)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0111	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	135.57	
		For Hot-Dipped Galvanized, Add	*40.78*	
		For Stainless Steel, Add	*163.12*	
04 05 19 13-0112	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	148.66	
		For Hot-Dipped Galvanized, Add	*44.33*	
		For Stainless Steel, Add	*177.32*	
04 05 19 13-0113	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	161.63	
		For Hot-Dipped Galvanized, Add	*47.81*	
		For Stainless Steel, Add	*191.24*	
04 05 19 13-0114	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	171.34	
		For Hot-Dipped Galvanized, Add	*49.67*	
		For Stainless Steel, Add	*198.68*	
04 05 19 13-0115	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	177.74	
		For Hot-Dipped Galvanized, Add	*51.37*	
		For Stainless Steel, Add	*205.46*	
04 05 19 13-0116	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	190.38	
		For Hot-Dipped Galvanized, Add	*54.99*	
		For Stainless Steel, Add	*219.94*	
04 05 19 13-0117	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	202.28	
		For Hot-Dipped Galvanized, Add	*58.54*	
		For Stainless Steel, Add	*234.14*	

04 05 19 13-0118 Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0119 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0118)*

04 05 19 13-0120	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	160.49	
		For Hot-Dipped Galvanized, Add	*53.24*	
		For Stainless Steel, Add	*212.96*	
04 05 19 13-0121	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	169.74	
		For Hot-Dipped Galvanized, Add	*54.87*	
		For Stainless Steel, Add	*219.48*	
04 05 19 13-0122	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	179.05	
		For Hot-Dipped Galvanized, Add	*56.52*	
		For Stainless Steel, Add	*226.08*	
04 05 19 13-0123	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	191.71	
		For Hot-Dipped Galvanized, Add	*58.35*	
		For Stainless Steel, Add	*233.40*	
04 05 19 13-0124	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	200.78	
		For Hot-Dipped Galvanized, Add	*60.19*	
		For Stainless Steel, Add	*240.74*	
04 05 19 13-0125	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	211.17	
		For Hot-Dipped Galvanized, Add	*62.98*	
		For Stainless Steel, Add	*251.92*	

04 05 19 13-0126 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0118)*

04 05 19 13-0127	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	192.89	
		For Hot-Dipped Galvanized, Add	*69.44*	
		For Stainless Steel, Add	*277.76*	
04 05 19 13-0128	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	202.18	
		For Hot-Dipped Galvanized, Add	*71.09*	
		For Stainless Steel, Add	*284.36*	
04 05 19 13-0129	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	211.90	
		For Hot-Dipped Galvanized, Add	*72.95*	
		For Stainless Steel, Add	*291.78*	
04 05 19 13-0130	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	224.15	
		For Hot-Dipped Galvanized, Add	*74.57*	
		For Stainless Steel, Add	*298.28*	
04 05 19 13-0131	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	233.26	
		For Hot-Dipped Galvanized, Add	*76.43*	
		For Stainless Steel, Add	*305.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0132	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	241.77	
		For Hot-Dipped Galvanized, Add	*78.28*	
		For Stainless Steel, Add	*313.12*	

04 05 19 13-0133 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0118)*

04 05 19 13-0134	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	195.27	
		For Hot-Dipped Galvanized, Add	*70.63*	
		For Stainless Steel, Add	*282.52*	
04 05 19 13-0135	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	206.35	
		For Hot-Dipped Galvanized, Add	*73.18*	
		For Stainless Steel, Add	*292.70*	
04 05 19 13-0136	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	217.40	
		For Hot-Dipped Galvanized, Add	*75.70*	
		For Stainless Steel, Add	*302.78*	
04 05 19 13-0137	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	232.49	
		For Hot-Dipped Galvanized, Add	*78.74*	
		For Stainless Steel, Add	*314.96*	
04 05 19 13-0138	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	243.94	
		For Hot-Dipped Galvanized, Add	*81.77*	
		For Stainless Steel, Add	*327.06*	
04 05 19 13-0139	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	254.74	
		For Hot-Dipped Galvanized, Add	*84.77*	
		For Stainless Steel, Add	*339.06*	

04 05 19 13-0140 Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0141 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0140)*

04 05 19 13-0142	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	172.53	
		For Hot-Dipped Galvanized, Add	*56.27*	
		For Stainless Steel, Add	*225.06*	
04 05 19 13-0143	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	181.75	
		For Hot-Dipped Galvanized, Add	*57.87*	
		For Stainless Steel, Add	*231.48*	
04 05 19 13-0144	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	193.96	
		For Hot-Dipped Galvanized, Add	*59.48*	
		For Stainless Steel, Add	*237.90*	
04 05 19 13-0145	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	203.16	
		For Hot-Dipped Galvanized, Add	*61.38*	
		For Stainless Steel, Add	*245.50*	
04 05 19 13-0146	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	211.62	
		For Hot-Dipped Galvanized, Add	*63.21*	
		For Stainless Steel, Add	*252.82*	
04 05 19 13-0147	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	222.34	
		For Hot-Dipped Galvanized, Add	*66.90*	
		For Stainless Steel, Add	*267.58*	

04 05 19 13-0148 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0140)*

04 05 19 13-0149	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	204.97	
		For Hot-Dipped Galvanized, Add	*72.49*	
		For Stainless Steel, Add	*289.94*	
04 05 19 13-0150	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	214.23	
		For Hot-Dipped Galvanized, Add	*74.11*	
		For Stainless Steel, Add	*296.44*	
04 05 19 13-0151	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	226.90	
		For Hot-Dipped Galvanized, Add	*75.95*	
		For Stainless Steel, Add	*303.78*	
04 05 19 13-0152	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	235.55	
		For Hot-Dipped Galvanized, Add	*77.57*	
		For Stainless Steel, Add	*310.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0153	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	244.06	
		For Hot-Dipped Galvanized, Add	*79.43*	
		For Stainless Steel, Add	*317.70*	
04 05 19 13-0154	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	255.19	
		For Hot-Dipped Galvanized, Add	*83.32*	
		For Stainless Steel, Add	*333.28*	

04 05 19 13-0155 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0140)*

04 05 19 13-0156	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	207.26	
		For Hot-Dipped Galvanized, Add	*73.63*	
		For Stainless Steel, Add	*294.52*	
04 05 19 13-0157	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	218.36	
		For Hot-Dipped Galvanized, Add	*76.18*	
		For Stainless Steel, Add	*304.70*	
04 05 19 13-0158	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	232.49	
		For Hot-Dipped Galvanized, Add	*78.74*	
		For Stainless Steel, Add	*314.96*	
04 05 19 13-0159	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	243.94	
		For Hot-Dipped Galvanized, Add	*81.77*	
		For Stainless Steel, Add	*327.06*	
04 05 19 13-0160	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	254.74	
		For Hot-Dipped Galvanized, Add	*84.77*	
		For Stainless Steel, Add	*339.06*	
04 05 19 13-0161	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	266.69	
		For Hot-Dipped Galvanized, Add	*89.07*	
		For Stainless Steel, Add	*356.28*	

04 05 19 13-0162 Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0163 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0162)*

04 05 19 13-0164	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	161.86	
		For Hot-Dipped Galvanized, Add	*50.93*	
		For Stainless Steel, Add	*203.72*	
		For Seismic Hook And Eye, Add	*21.90*	
04 05 19 13-0165	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	170.52	
		For Hot-Dipped Galvanized, Add	*52.26*	
		For Stainless Steel, Add	*209.02*	
		For Seismic Hook And Eye, Add	*22.47*	
04 05 19 13-0166	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	182.36	
		For Hot-Dipped Galvanized, Add	*53.68*	
		For Stainless Steel, Add	*214.70*	
		For Seismic Hook And Eye, Add	*23.08*	
04 05 19 13-0167	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	190.79	
		For Hot-Dipped Galvanized, Add	*55.19*	
		For Stainless Steel, Add	*220.76*	
		For Seismic Hook And Eye, Add	*23.73*	
04 05 19 13-0168	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	198.75	
		For Hot-Dipped Galvanized, Add	*56.77*	
		For Stainless Steel, Add	*227.08*	
		For Seismic Hook And Eye, Add	*24.41*	
04 05 19 13-0169	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	204.93	
		For Hot-Dipped Galvanized, Add	*58.19*	
		For Stainless Steel, Add	*232.76*	
		For Seismic Hook And Eye, Add	*25.02*	

04 05 19 13-0170 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0162)*

04 05 19 13-0171	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	192.28	
		For Hot-Dipped Galvanized, Add	*66.14*	
		For Stainless Steel, Add	*264.56*	
		For Seismic Hook And Eye, Add	*28.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0172	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	200.35	
		For Hot-Dipped Galvanized, Add	*67.17*	
		For Stainless Steel, Add	*268.68*	
		For Seismic Hook And Eye, Add	*28.88*	
04 05 19 13-0173	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	212.28	
		For Hot-Dipped Galvanized, Add	*68.64*	
		For Stainless Steel, Add	*274.54*	
		For Seismic Hook And Eye, Add	*29.51*	
04 05 19 13-0174	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	220.52	
		For Hot-Dipped Galvanized, Add	*70.06*	
		For Stainless Steel, Add	*280.22*	
		For Seismic Hook And Eye, Add	*30.12*	
04 05 19 13-0175	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	228.16	
		For Hot-Dipped Galvanized, Add	*71.48*	
		For Stainless Steel, Add	*285.90*	
		For Seismic Hook And Eye, Add	*30.73*	
04 05 19 13-0176	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	237.64	
		For Hot-Dipped Galvanized, Add	*74.55*	
		For Stainless Steel, Add	*298.18*	
		For Seismic Hook And Eye, Add	*32.05*	

04 05 19 13-0177 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0162)*

04 05 19 13-0178	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	194.52	
		For Hot-Dipped Galvanized, Add	*67.26*	
		For Stainless Steel, Add	*269.04*	
		For Seismic Hook And Eye, Add	*28.92*	
04 05 19 13-0179	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	205.39	
		For Hot-Dipped Galvanized, Add	*69.69*	
		For Stainless Steel, Add	*278.76*	
		For Seismic Hook And Eye, Add	*29.97*	
04 05 19 13-0180	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	219.20	
		For Hot-Dipped Galvanized, Add	*72.10*	
		For Stainless Steel, Add	*288.38*	
		For Seismic Hook And Eye, Add	*31.00*	
04 05 19 13-0181	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	230.38	
		For Hot-Dipped Galvanized, Add	*74.99*	
		For Stainless Steel, Add	*299.94*	
		For Seismic Hook And Eye, Add	*32.24*	
04 05 19 13-0182	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	240.95	
		For Hot-Dipped Galvanized, Add	*77.87*	
		For Stainless Steel, Add	*311.48*	
		For Seismic Hook And Eye, Add	*33.48*	
04 05 19 13-0183	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	250.02	
		For Hot-Dipped Galvanized, Add	*80.74*	
		For Stainless Steel, Add	*322.94*	
		For Seismic Hook And Eye, Add	*34.72*	

04 05 19 13-0184 Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0185 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0184)*

04 05 19 13-0186	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	173.91	
		For Hot-Dipped Galvanized, Add	*53.95*	
		For Stainless Steel, Add	*215.80*	
		For Seismic Hook And Eye, Add	*23.20*	
04 05 19 13-0187	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	185.53	
		For Hot-Dipped Galvanized, Add	*55.26*	
		For Stainless Steel, Add	*221.04*	
		For Seismic Hook And Eye, Add	*23.76*	
04 05 19 13-0188	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	193.54	
		For Hot-Dipped Galvanized, Add	*56.57*	
		For Stainless Steel, Add	*226.26*	
		For Seismic Hook And Eye, Add	*24.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0189	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	201.68	
		For Hot-Dipped Galvanized, Add	*58.24*	
		For Stainless Steel, Add	*232.94*	
		For Seismic Hook And Eye, Add	*25.04*	
04 05 19 13-0190	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	208.05	
		For Hot-Dipped Galvanized, Add	*59.75*	
		For Stainless Steel, Add	*239.00*	
		For Seismic Hook And Eye, Add	*25.69*	
04 05 19 13-0191		3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0184)*		
04 05 19 13-0192	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	203.24	
		For Hot-Dipped Galvanized, Add	*68.62*	
		For Stainless Steel, Add	*274.46*	
		For Seismic Hook And Eye, Add	*29.50*	
04 05 19 13-0193	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	215.08	
		For Hot-Dipped Galvanized, Add	*70.04*	
		For Stainless Steel, Add	*280.14*	
		For Seismic Hook And Eye, Add	*30.12*	
04 05 19 13-0194	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	223.50	
		For Hot-Dipped Galvanized, Add	*71.55*	
		For Stainless Steel, Add	*286.18*	
		For Seismic Hook And Eye, Add	*30.76*	
04 05 19 13-0195	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	230.73	
		For Hot-Dipped Galvanized, Add	*72.76*	
		For Stainless Steel, Add	*291.04*	
		For Seismic Hook And Eye, Add	*31.29*	
04 05 19 13-0196	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	237.37	
		For Hot-Dipped Galvanized, Add	*74.41*	
		For Stainless Steel, Add	*297.64*	
		For Seismic Hook And Eye, Add	*32.00*	
04 05 19 13-0197		3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0184)*		
04 05 19 13-0198	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	206.26	
		For Hot-Dipped Galvanized, Add	*70.13*	
		For Stainless Steel, Add	*280.50*	
		For Seismic Hook And Eye, Add	*30.15*	
04 05 19 13-0199	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	220.12	
		For Hot-Dipped Galvanized, Add	*72.56*	
		For Stainless Steel, Add	*290.22*	
		For Seismic Hook And Eye, Add	*31.20*	
04 05 19 13-0200	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	230.38	
		For Hot-Dipped Galvanized, Add	*74.99*	
		For Stainless Steel, Add	*299.94*	
		For Seismic Hook And Eye, Add	*32.24*	
04 05 19 13-0201	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	240.95	
		For Hot-Dipped Galvanized, Add	*77.87*	
		For Stainless Steel, Add	*311.48*	
		For Seismic Hook And Eye, Add	*33.48*	
04 05 19 13-0202	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	250.02	
		For Hot-Dipped Galvanized, Add	*80.74*	
		For Stainless Steel, Add	*322.94*	
		For Seismic Hook And Eye, Add	*34.72*	
04 05 19 13-0203		Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0001)*		
04 05 19 13-0204		Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0203)*		
04 05 19 13-0205		Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*		
04 05 19 13-0206	CLF	#4 (For 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	84.03	
		For Hot-Dipped Galvanized, Add	*21.22*	
		For Stainless Steel, Add	*84.86*	
04 05 19 13-0207	CLF	#6 (For 6" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	87.34	
		For Hot-Dipped Galvanized, Add	*21.45*	
		For Stainless Steel, Add	*85.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0208	CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	93.07	
		For Hot-Dipped Galvanized, Add	*22.29*	
		For Stainless Steel, Add	*89.16*	
04 05 19 13-0209	CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	100.12	
		For Hot-Dipped Galvanized, Add	*23.39*	
		For Stainless Steel, Add	*93.56*	
04 05 19 13-0210	CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	108.53	
		For Hot-Dipped Galvanized, Add	*24.63*	
		For Stainless Steel, Add	*98.52*	
04 05 19 13-0211	CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	114.58	
		For Hot-Dipped Galvanized, Add	*25.29*	
		For Stainless Steel, Add	*101.16*	
04 05 19 13-0212	CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	119.18	
		For Hot-Dipped Galvanized, Add	*26.26*	
		For Stainless Steel, Add	*105.02*	
04 05 19 13-0213	CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	145.23	
		For Hot-Dipped Galvanized, Add	*36.89*	
		For Stainless Steel, Add	*147.54*	
04 05 19 13-0214	CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	153.70	
		For Hot-Dipped Galvanized, Add	*38.99*	
		For Stainless Steel, Add	*155.96*	
04 05 19 13-0215	CLF	#20 (For 20" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	215.96	
		For Hot-Dipped Galvanized, Add	*67.45*	
		For Stainless Steel, Add	*269.78*	
04 05 19 13-0216		Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*		
04 05 19 13-0217	CLF	#4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	100.43	
		For Hot-Dipped Galvanized, Add	*29.42*	
		For Stainless Steel, Add	*117.66*	
04 05 19 13-0218	CLF	#6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	104.11	
		For Hot-Dipped Galvanized, Add	*29.83*	
		For Stainless Steel, Add	*119.32*	
04 05 19 13-0219	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	109.84	
		For Hot-Dipped Galvanized, Add	*30.68*	
		For Stainless Steel, Add	*122.70*	
04 05 19 13-0220	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	116.84	
		For Hot-Dipped Galvanized, Add	*31.75*	
		For Stainless Steel, Add	*127.00*	
04 05 19 13-0221	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	125.02	
		For Hot-Dipped Galvanized, Add	*32.88*	
		For Stainless Steel, Add	*131.50*	
04 05 19 13-0222	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	131.30	
		For Hot-Dipped Galvanized, Add	*33.66*	
		For Stainless Steel, Add	*134.62*	
04 05 19 13-0223	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	135.63	
		For Hot-Dipped Galvanized, Add	*34.48*	
		For Stainless Steel, Add	*137.92*	
04 05 19 13-0224	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	167.31	
		For Hot-Dipped Galvanized, Add	*47.93*	
		For Stainless Steel, Add	*191.70*	
04 05 19 13-0225	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	175.79	
		For Hot-Dipped Galvanized, Add	*50.04*	
		For Stainless Steel, Add	*200.14*	
04 05 19 13-0226	CLF	#20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	264.77	
		For Hot-Dipped Galvanized, Add	*94.53*	
		For Stainless Steel, Add	*378.10*	
04 05 19 13-0227		Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*		
04 05 19 13-0228	CLF	#4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	125.54	
		For Hot-Dipped Galvanized, Add	*41.97*	
		For Stainless Steel, Add	*167.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0229	CLF	#6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	129.80	
		For Hot-Dipped Galvanized, Add	*42.50*	
		For Stainless Steel, Add	*169.98*	
04 05 19 13-0230	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	136.12	
		For Hot-Dipped Galvanized, Add	*44.06*	
		For Stainless Steel, Add	*176.22*	
04 05 19 13-0231	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	145.71	
		For Hot-Dipped Galvanized, Add	*46.19*	
		For Stainless Steel, Add	*184.74*	
04 05 19 13-0232	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	156.37	
		For Hot-Dipped Galvanized, Add	*48.85*	
		For Stainless Steel, Add	*195.38*	
04 05 19 13-0233	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	164.12	
		For Hot-Dipped Galvanized, Add	*50.06*	
		For Stainless Steel, Add	*200.22*	
04 05 19 13-0234	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	170.40	
		For Hot-Dipped Galvanized, Add	*51.87*	
		For Stainless Steel, Add	*207.46*	
04 05 19 13-0235	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	217.08	
		For Hot-Dipped Galvanized, Add	*72.81*	
		For Stainless Steel, Add	*291.22*	
04 05 19 13-0236	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	229.60	
		For Hot-Dipped Galvanized, Add	*76.93*	
		For Stainless Steel, Add	*307.72*	
04 05 19 13-0237	CLF	#20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	347.09	
		For Hot-Dipped Galvanized, Add	*133.01*	
		For Stainless Steel, Add	*532.04*	

04 05 19 13-0238 Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0239	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	109.72	
		For Hot-Dipped Galvanized, Add	*34.06*	
		For Stainless Steel, Add	*136.24*	
04 05 19 13-0240	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	114.05	
		For Hot-Dipped Galvanized, Add	*34.80*	
		For Stainless Steel, Add	*139.20*	
04 05 19 13-0241	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	119.78	
		For Hot-Dipped Galvanized, Add	*35.65*	
		For Stainless Steel, Add	*142.60*	
04 05 19 13-0242	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	126.56	
		For Hot-Dipped Galvanized, Add	*36.61*	
		For Stainless Steel, Add	*146.44*	
04 05 19 13-0243	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	134.37	
		For Hot-Dipped Galvanized, Add	*37.55*	
		For Stainless Steel, Add	*150.20*	
04 05 19 13-0244	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	140.03	
		For Hot-Dipped Galvanized, Add	*38.01*	
		For Stainless Steel, Add	*152.04*	
04 05 19 13-0245	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	144.25	
		For Hot-Dipped Galvanized, Add	*38.53*	
		For Stainless Steel, Add	*154.12*	
04 05 19 13-0246	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	163.11	
		For Hot-Dipped Galvanized, Add	*45.82*	
		For Stainless Steel, Add	*183.28*	

04 05 19 13-0247 Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0248	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	126.30	
		For Hot-Dipped Galvanized, Add	*42.35*	
		For Stainless Steel, Add	*169.40*	
04 05 19 13-0249	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	130.85	
		For Hot-Dipped Galvanized, Add	*43.20*	
		For Stainless Steel, Add	*172.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0250	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	136.76	
		For Hot-Dipped Galvanized, Add	*44.14*	
		For Stainless Steel, Add	*176.56*	
04 05 19 13-0251	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	143.36	
		For Hot-Dipped Galvanized, Add	*45.01*	
		For Stainless Steel, Add	*180.04*	
04 05 19 13-0252	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	151.13	
		For Hot-Dipped Galvanized, Add	*45.93*	
		For Stainless Steel, Add	*183.72*	
04 05 19 13-0253	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	156.85	
		For Hot-Dipped Galvanized, Add	*46.43*	
		For Stainless Steel, Add	*185.72*	
04 05 19 13-0254	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	160.98	
		For Hot-Dipped Galvanized, Add	*46.89*	
		For Stainless Steel, Add	*187.56*	
04 05 19 13-0255	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	185.18	
		For Hot-Dipped Galvanized, Add	*56.86*	
		For Stainless Steel, Add	*227.44*	
04 05 19 13-0256	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	234.43	
		For Hot-Dipped Galvanized, Add	*79.36*	
		For Stainless Steel, Add	*317.42*	

04 05 19 13-0257 Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0258	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	142.36	
		For Hot-Dipped Galvanized, Add	*50.38*	
		For Stainless Steel, Add	*201.52*	
04 05 19 13-0259	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	149.02	
		For Hot-Dipped Galvanized, Add	*52.11*	
		For Stainless Steel, Add	*208.42*	
04 05 19 13-0260	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	155.66	
		For Hot-Dipped Galvanized, Add	*53.83*	
		For Stainless Steel, Add	*215.30*	
04 05 19 13-0261	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	165.09	
		For Hot-Dipped Galvanized, Add	*55.88*	
		For Stainless Steel, Add	*223.50*	
04 05 19 13-0262	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	174.54	
		For Hot-Dipped Galvanized, Add	*57.93*	
		For Stainless Steel, Add	*231.72*	
04 05 19 13-0263	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	182.05	
		For Hot-Dipped Galvanized, Add	*59.02*	
		For Stainless Steel, Add	*236.08*	
04 05 19 13-0264	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	186.58	
		For Hot-Dipped Galvanized, Add	*59.96*	
		For Stainless Steel, Add	*239.82*	
04 05 19 13-0265	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	195.14	
		For Hot-Dipped Galvanized, Add	*61.84*	
		For Stainless Steel, Add	*247.34*	
04 05 19 13-0266	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	255.96	
		For Hot-Dipped Galvanized, Add	*90.11*	
		For Stainless Steel, Add	*360.44*	

04 05 19 13-0267 Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0268	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	147.90	
		For Hot-Dipped Galvanized, Add	*53.15*	
		For Stainless Steel, Add	*212.60*	
04 05 19 13-0269	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	152.23	
		For Hot-Dipped Galvanized, Add	*53.89*	
		For Stainless Steel, Add	*215.56*	
04 05 19 13-0270	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	157.97	
		For Hot-Dipped Galvanized, Add	*54.75*	
		For Stainless Steel, Add	*218.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0271	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	164.75	
		For Hot-Dipped Galvanized, Add	*55.71*	
		For Stainless Steel, Add	*222.82*	
04 05 19 13-0272	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	172.55	
		For Hot-Dipped Galvanized, Add	*56.64*	
		For Stainless Steel, Add	*226.56*	
04 05 19 13-0273	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	178.21	
		For Hot-Dipped Galvanized, Add	*57.10*	
		For Stainless Steel, Add	*228.40*	
04 05 19 13-0274	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	182.44	
		For Hot-Dipped Galvanized, Add	*57.63*	
		For Stainless Steel, Add	*230.50*	
04 05 19 13-0275	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	201.29	
		For Hot-Dipped Galvanized, Add	*64.91*	
		For Stainless Steel, Add	*259.64*	
04 05 19 13-0276	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	234.74	
		For Hot-Dipped Galvanized, Add	*79.51*	
		For Stainless Steel, Add	*318.02*	

04 05 19 13-0277 Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0278	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	164.48	
		For Hot-Dipped Galvanized, Add	*61.44*	
		For Stainless Steel, Add	*245.76*	
04 05 19 13-0279	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	169.03	
		For Hot-Dipped Galvanized, Add	*62.29*	
		For Stainless Steel, Add	*249.16*	
04 05 19 13-0280	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	174.94	
		For Hot-Dipped Galvanized, Add	*63.23*	
		For Stainless Steel, Add	*252.92*	
04 05 19 13-0281	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	181.55	
		For Hot-Dipped Galvanized, Add	*64.11*	
		For Stainless Steel, Add	*256.42*	
04 05 19 13-0282	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	189.31	
		For Hot-Dipped Galvanized, Add	*65.02*	
		For Stainless Steel, Add	*260.08*	
04 05 19 13-0283	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	195.03	
		For Hot-Dipped Galvanized, Add	*65.52*	
		For Stainless Steel, Add	*262.08*	
04 05 19 13-0284	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	199.16	
		For Hot-Dipped Galvanized, Add	*65.98*	
		For Stainless Steel, Add	*263.92*	
04 05 19 13-0285	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	223.36	
		For Hot-Dipped Galvanized, Add	*75.95*	
		For Stainless Steel, Add	*303.80*	
04 05 19 13-0286	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	272.61	
		For Hot-Dipped Galvanized, Add	*98.45*	
		For Stainless Steel, Add	*393.78*	

04 05 19 13-0287 Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0288	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	180.54	
		For Hot-Dipped Galvanized, Add	*69.47*	
		For Stainless Steel, Add	*277.88*	
04 05 19 13-0289	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	187.20	
		For Hot-Dipped Galvanized, Add	*71.20*	
		For Stainless Steel, Add	*284.78*	
04 05 19 13-0290	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	193.84	
		For Hot-Dipped Galvanized, Add	*72.92*	
		For Stainless Steel, Add	*291.66*	
04 05 19 13-0291	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	203.28	
		For Hot-Dipped Galvanized, Add	*74.97*	
		For Stainless Steel, Add	*299.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0292	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	212.72	
		For Hot-Dipped Galvanized, Add	*77.02*	
		For Stainless Steel, Add	*308.08*	
04 05 19 13-0293	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	220.23	
		For Hot-Dipped Galvanized, Add	*78.11*	
		For Stainless Steel, Add	*312.44*	
04 05 19 13-0294	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	224.77	
		For Hot-Dipped Galvanized, Add	*79.05*	
		For Stainless Steel, Add	*316.20*	
04 05 19 13-0295	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	233.32	
		For Hot-Dipped Galvanized, Add	*80.93*	
		For Stainless Steel, Add	*323.70*	
04 05 19 13-0296	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	294.14	
		For Hot-Dipped Galvanized, Add	*109.20*	
		For Stainless Steel, Add	*436.80*	

04 05 19 13-0297 Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0203)*

04 05 19 13-0298 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0297)*

04 05 19 13-0299	CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	120.49	
		For Hot-Dipped Galvanized, Add	*33.24*	
		For Stainless Steel, Add	*132.96*	
04 05 19 13-0300	CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	129.69	
		For Hot-Dipped Galvanized, Add	*34.85*	
		For Stainless Steel, Add	*139.38*	
04 05 19 13-0301	CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	139.78	
		For Hot-Dipped Galvanized, Add	*36.89*	
		For Stainless Steel, Add	*147.54*	
04 05 19 13-0302	CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	148.56	
		For Hot-Dipped Galvanized, Add	*38.28*	
		For Stainless Steel, Add	*153.12*	
04 05 19 13-0303	CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	153.91	
		For Hot-Dipped Galvanized, Add	*39.45*	
		For Stainless Steel, Add	*157.80*	
04 05 19 13-0304	CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	164.95	
		For Hot-Dipped Galvanized, Add	*42.27*	
		For Stainless Steel, Add	*169.08*	
04 05 19 13-0305	CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	175.38	
		For Hot-Dipped Galvanized, Add	*45.09*	
		For Stainless Steel, Add	*180.34*	

04 05 19 13-0306 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0297)*

04 05 19 13-0307	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	141.20	
		For Hot-Dipped Galvanized, Add	*43.60*	
		For Stainless Steel, Add	*174.38*	
04 05 19 13-0308	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	150.45	
		For Hot-Dipped Galvanized, Add	*45.23*	
		For Stainless Steel, Add	*180.90*	
04 05 19 13-0309	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	160.44	
		For Hot-Dipped Galvanized, Add	*47.22*	
		For Stainless Steel, Add	*188.86*	
04 05 19 13-0310	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	169.27	
		For Hot-Dipped Galvanized, Add	*48.64*	
		For Stainless Steel, Add	*194.54*	
04 05 19 13-0311	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	174.48	
		For Hot-Dipped Galvanized, Add	*49.74*	
		For Stainless Steel, Add	*198.94*	
04 05 19 13-0312	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	185.56	
		For Hot-Dipped Galvanized, Add	*52.58*	
		For Stainless Steel, Add	*210.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0313	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	196.09	
		For Hot-Dipped Galvanized, Add	*55.44*	
		For Stainless Steel, Add	*221.76*	

04 05 19 13-0314 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0297)*

04 05 19 13-0315	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	160.40	
		For Hot-Dipped Galvanized, Add	*53.20*	
		For Stainless Steel, Add	*212.78*	
04 05 19 13-0316	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	171.43	
		For Hot-Dipped Galvanized, Add	*55.72*	
		For Stainless Steel, Add	*222.86*	
04 05 19 13-0317	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	184.36	
		For Hot-Dipped Galvanized, Add	*59.18*	
		For Stainless Steel, Add	*236.70*	
04 05 19 13-0318	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	194.11	
		For Hot-Dipped Galvanized, Add	*61.06*	
		For Stainless Steel, Add	*244.22*	
04 05 19 13-0319	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	200.87	
		For Hot-Dipped Galvanized, Add	*62.93*	
		For Stainless Steel, Add	*251.72*	
04 05 19 13-0320	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	214.75	
		For Hot-Dipped Galvanized, Add	*67.17*	
		For Stainless Steel, Add	*268.68*	
04 05 19 13-0321	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	226.56	
		For Hot-Dipped Galvanized, Add	*70.68*	
		For Stainless Steel, Add	*282.70*	

04 05 19 13-0322 Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0203)*

04 05 19 13-0323 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0322)*

04 05 19 13-0324	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	185.05	
		For Hot-Dipped Galvanized, Add	*65.52*	
		For Stainless Steel, Add	*262.08*	
04 05 19 13-0325	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	191.96	
		For Hot-Dipped Galvanized, Add	*65.98*	
		For Stainless Steel, Add	*263.92*	
04 05 19 13-0326	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	201.18	
		For Hot-Dipped Galvanized, Add	*67.59*	
		For Stainless Steel, Add	*270.34*	
04 05 19 13-0327	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	214.44	
		For Hot-Dipped Galvanized, Add	*69.72*	
		For Stainless Steel, Add	*278.86*	
04 05 19 13-0328	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	224.88	
		For Hot-Dipped Galvanized, Add	*72.24*	
		For Stainless Steel, Add	*288.94*	
04 05 19 13-0329	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	235.82	
		For Hot-Dipped Galvanized, Add	*75.31*	
		For Stainless Steel, Add	*301.22*	

04 05 19 13-0330 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0322)*

04 05 19 13-0331	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	217.08	
		For Hot-Dipped Galvanized, Add	*81.54*	
		For Stainless Steel, Add	*326.14*	
04 05 19 13-0332	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	224.44	
		For Hot-Dipped Galvanized, Add	*82.22*	
		For Stainless Steel, Add	*328.88*	
04 05 19 13-0333	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	233.66	
		For Hot-Dipped Galvanized, Add	*83.83*	
		For Stainless Steel, Add	*335.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0334	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	246.83	
		For Hot-Dipped Galvanized, Add	*85.91*	
		For Stainless Steel, Add	*343.64*	
04 05 19 13-0335	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	256.86	
		For Hot-Dipped Galvanized, Add	*88.23*	
		For Stainless Steel, Add	*352.90*	
04 05 19 13-0336	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	266.33	
		For Hot-Dipped Galvanized, Add	*90.56*	
		For Stainless Steel, Add	*362.24*	
04 05 19 13-0337		3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0322)*		
04 05 19 13-0338	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	234.63	
		For Hot-Dipped Galvanized, Add	*90.31*	
		For Stainless Steel, Add	*361.24*	
04 05 19 13-0339	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	241.99	
		For Hot-Dipped Galvanized, Add	*91.00*	
		For Stainless Steel, Add	*363.98*	
04 05 19 13-0340	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	253.04	
		For Hot-Dipped Galvanized, Add	*93.52*	
		For Stainless Steel, Add	*374.06*	
04 05 19 13-0341	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	268.64	
		For Hot-Dipped Galvanized, Add	*96.82*	
		For Stainless Steel, Add	*387.26*	
04 05 19 13-0342	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	282.38	
		For Hot-Dipped Galvanized, Add	*100.99*	
		For Stainless Steel, Add	*403.94*	
04 05 19 13-0343	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	296.43	
		For Hot-Dipped Galvanized, Add	*105.61*	
		For Stainless Steel, Add	*422.44*	
04 05 19 13-0344		Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0203)*		
04 05 19 13-0345		9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0344)*		
04 05 19 13-0346	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	197.14	
		For Hot-Dipped Galvanized, Add	*68.57*	
		For Stainless Steel, Add	*274.28*	
04 05 19 13-0347	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	204.11	
		For Hot-Dipped Galvanized, Add	*69.05*	
		For Stainless Steel, Add	*276.20*	
04 05 19 13-0348	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	216.22	
		For Hot-Dipped Galvanized, Add	*70.61*	
		For Stainless Steel, Add	*282.42*	
04 05 19 13-0349	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	225.84	
		For Hot-Dipped Galvanized, Add	*72.72*	
		For Stainless Steel, Add	*290.86*	
04 05 19 13-0350	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	235.77	
		For Hot-Dipped Galvanized, Add	*75.28*	
		For Stainless Steel, Add	*301.12*	
04 05 19 13-0351	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	244.33	
		For Hot-Dipped Galvanized, Add	*77.89*	
		For Stainless Steel, Add	*311.56*	
04 05 19 13-0352		3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0344)*		
04 05 19 13-0353	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	229.07	
		For Hot-Dipped Galvanized, Add	*84.54*	
		For Stainless Steel, Add	*338.14*	
04 05 19 13-0354	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	236.46	
		For Hot-Dipped Galvanized, Add	*85.23*	
		For Stainless Steel, Add	*340.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0355	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	248.66	
		For Hot-Dipped Galvanized, Add	*86.83*	
		For Stainless Steel, Add	*347.30*	
04 05 19 13-0356	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	258.28	
		For Hot-Dipped Galvanized, Add	*88.94*	
		For Stainless Steel, Add	*355.74*	
04 05 19 13-0357	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	267.71	
		For Hot-Dipped Galvanized, Add	*91.25*	
		For Stainless Steel, Add	*365.00*	
04 05 19 13-0358	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	276.54	
		For Hot-Dipped Galvanized, Add	*94.00*	
		For Stainless Steel, Add	*375.98*	

04 05 19 13-0359 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0344)*

04 05 19 13-0360	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	246.67	
		For Hot-Dipped Galvanized, Add	*93.34*	
		For Stainless Steel, Add	*373.34*	
04 05 19 13-0361	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	254.00	
		For Hot-Dipped Galvanized, Add	*94.00*	
		For Stainless Steel, Add	*375.98*	
04 05 19 13-0362	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	268.14	
		For Hot-Dipped Galvanized, Add	*96.57*	
		For Stainless Steel, Add	*386.26*	
04 05 19 13-0363	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	280.09	
		For Hot-Dipped Galvanized, Add	*99.84*	
		For Stainless Steel, Add	*399.36*	
04 05 19 13-0364	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	293.18	
		For Hot-Dipped Galvanized, Add	*103.99*	
		For Stainless Steel, Add	*415.94*	
04 05 19 13-0365	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	302.84	
		For Hot-Dipped Galvanized, Add	*107.15*	
		For Stainless Steel, Add	*428.58*	

04 05 19 13-0366 Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0203)*

04 05 19 13-0367 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0366)*

04 05 19 13-0368	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	184.81	
		For Hot-Dipped Galvanized, Add	*62.41*	
		For Stainless Steel, Add	*249.62*	
		For Seismic Hook And Eye, Add	*26.83*	
04 05 19 13-0369	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	191.69	
		For Hot-Dipped Galvanized, Add	*62.84*	
		For Stainless Steel, Add	*251.36*	
		For Seismic Hook And Eye, Add	*27.02*	
04 05 19 13-0370	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	203.39	
		For Hot-Dipped Galvanized, Add	*64.19*	
		For Stainless Steel, Add	*256.76*	
		For Seismic Hook And Eye, Add	*27.60*	
04 05 19 13-0371	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	212.69	
		For Hot-Dipped Galvanized, Add	*66.14*	
		For Stainless Steel, Add	*264.56*	
		For Seismic Hook And Eye, Add	*28.44*	
04 05 19 13-0372	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	221.52	
		For Hot-Dipped Galvanized, Add	*68.16*	
		For Stainless Steel, Add	*272.62*	
		For Seismic Hook And Eye, Add	*29.31*	
04 05 19 13-0373	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	229.81	
		For Hot-Dipped Galvanized, Add	*70.63*	
		For Stainless Steel, Add	*282.52*	
		For Seismic Hook And Eye, Add	*30.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0374		3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0366)*		
04 05 19 13-0375	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	214.23	
		For Hot-Dipped Galvanized, Add	*77.12*	
		For Stainless Steel, Add	*308.46*	
		For Seismic Hook And Eye, Add	*33.16*	
04 05 19 13-0376	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	221.43	
		For Hot-Dipped Galvanized, Add	*77.71*	
		For Stainless Steel, Add	*310.84*	
		For Seismic Hook And Eye, Add	*33.42*	
04 05 19 13-0377	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	232.90	
		For Hot-Dipped Galvanized, Add	*78.95*	
		For Stainless Steel, Add	*315.78*	
		For Seismic Hook And Eye, Add	*33.95*	
04 05 19 13-0378	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	242.01	
		For Hot-Dipped Galvanized, Add	*80.80*	
		For Stainless Steel, Add	*323.20*	
		For Seismic Hook And Eye, Add	*34.74*	
04 05 19 13-0379	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	250.80	
		For Hot-Dipped Galvanized, Add	*82.80*	
		For Stainless Steel, Add	*331.18*	
		For Seismic Hook And Eye, Add	*35.60*	
04 05 19 13-0380	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	258.54	
		For Hot-Dipped Galvanized, Add	*85.00*	
		For Stainless Steel, Add	*339.98*	
		For Seismic Hook And Eye, Add	*36.55*	
04 05 19 13-0381		3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0366)*		
04 05 19 13-0382	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	232.00	
		For Hot-Dipped Galvanized, Add	*86.00*	
		For Stainless Steel, Add	*344.00*	
		For Seismic Hook And Eye, Add	*36.98*	
04 05 19 13-0383	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	239.34	
		For Hot-Dipped Galvanized, Add	*86.67*	
		For Stainless Steel, Add	*346.66*	
		For Seismic Hook And Eye, Add	*37.27*	
04 05 19 13-0384	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	253.15	
		For Hot-Dipped Galvanized, Add	*89.07*	
		For Stainless Steel, Add	*356.28*	
		For Seismic Hook And Eye, Add	*38.30*	
04 05 19 13-0385	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	264.83	
		For Hot-Dipped Galvanized, Add	*92.21*	
		For Stainless Steel, Add	*368.84*	
		For Seismic Hook And Eye, Add	*39.65*	
04 05 19 13-0386	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	277.56	
		For Hot-Dipped Galvanized, Add	*96.18*	
		For Stainless Steel, Add	*384.70*	
		For Seismic Hook And Eye, Add	*41.36*	
04 05 19 13-0387	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	289.69	
		For Hot-Dipped Galvanized, Add	*100.57*	
		For Stainless Steel, Add	*402.28*	
		For Seismic Hook And Eye, Add	*43.25*	
04 05 19 13-0388		Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0203)*		
04 05 19 13-0389		9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall *(04 05 19 13-0388)*		
04 05 19 13-0390	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	196.69	
		For Hot-Dipped Galvanized, Add	*65.34*	
		For Stainless Steel, Add	*261.36*	
		For Seismic Hook And Eye, Add	*28.10*	
04 05 19 13-0391	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	206.60	
		For Hot-Dipped Galvanized, Add	*65.80*	
		For Stainless Steel, Add	*263.18*	
		For Seismic Hook And Eye, Add	*28.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0392	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	214.89	
		For Hot-Dipped Galvanized, Add	*67.24*	
		For Stainless Steel, Add	*268.96*	
		For Seismic Hook And Eye, Add	*28.91*	
04 05 19 13-0393	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	223.81	
		For Hot-Dipped Galvanized, Add	*69.30*	
		For Stainless Steel, Add	*277.20*	
		For Seismic Hook And Eye, Add	*29.80*	
04 05 19 13-0394	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	231.92	
		For Hot-Dipped Galvanized, Add	*71.69*	
		For Stainless Steel, Add	*286.74*	
		For Seismic Hook And Eye, Add	*30.82*	

04 05 19 13-0395 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0388)*

04 05 19 13-0396	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	228.39	
		For Hot-Dipped Galvanized, Add	*81.19*	
		For Stainless Steel, Add	*324.76*	
		For Seismic Hook And Eye, Add	*34.91*	
04 05 19 13-0397	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	238.40	
		For Hot-Dipped Galvanized, Add	*81.70*	
		For Stainless Steel, Add	*326.78*	
		For Seismic Hook And Eye, Add	*35.13*	
04 05 19 13-0398	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	246.59	
		For Hot-Dipped Galvanized, Add	*83.09*	
		For Stainless Steel, Add	*332.36*	
		For Seismic Hook And Eye, Add	*35.73*	
04 05 19 13-0399	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	255.15	
		For Hot-Dipped Galvanized, Add	*84.97*	
		For Stainless Steel, Add	*339.88*	
		For Seismic Hook And Eye, Add	*36.54*	
04 05 19 13-0400	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	262.34	
		For Hot-Dipped Galvanized, Add	*86.90*	
		For Stainless Steel, Add	*347.58*	
		For Seismic Hook And Eye, Add	*37.36*	

04 05 19 13-0401 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0388)*

04 05 19 13-0402	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	243.79	
		For Hot-Dipped Galvanized, Add	*88.89*	
		For Stainless Steel, Add	*355.56*	
		For Seismic Hook And Eye, Add	*38.22*	
04 05 19 13-0403	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	254.07	
		For Hot-Dipped Galvanized, Add	*89.53*	
		For Stainless Steel, Add	*358.12*	
		For Seismic Hook And Eye, Add	*38.50*	
04 05 19 13-0404	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	264.33	
		For Hot-Dipped Galvanized, Add	*91.96*	
		For Stainless Steel, Add	*367.84*	
		For Seismic Hook And Eye, Add	*39.54*	
04 05 19 13-0405	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	275.36	
		For Hot-Dipped Galvanized, Add	*95.08*	
		For Stainless Steel, Add	*380.30*	
		For Seismic Hook And Eye, Add	*40.88*	
04 05 19 13-0406	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	286.62	
		For Hot-Dipped Galvanized, Add	*99.04*	
		For Stainless Steel, Add	*396.14*	
		For Seismic Hook And Eye, Add	*42.59*	

04 05 19 16 Masonry Anchors *(04 05 19)*

04 05 19 16-0001 Rectangular, Wire Masonry Wall Ties *(04 05 19 16)*

04 05 19 16-0002 Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Ties *(04 05 19 16-0001)*

04 05 19 16-0003	EA	2" Width x 4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.39	
04 05 19 16-0004	EA	2" Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.47	
04 05 19 16-0005	EA	2" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.55	
04 05 19 16-0006	EA	2" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.65	
04 05 19 16-0007	EA	2" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.76	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0008	EA	4" Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.55	
04 05 19 16-0009	EA	4" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.65	
04 05 19 16-0010	EA	4" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.76	
04 05 19 16-0011	EA	4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.86	
04 05 19 16-0012		Mill Galvanized, Rectangular, Wire Masonry Wall Ties *(04 05 19 16-0001)*		
04 05 19 16-0013	EA	2" Width x 4" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.24	
04 05 19 16-0014	EA	2" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.27	
04 05 19 16-0015	EA	2" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.31	
04 05 19 16-0016	EA	2" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.36	
04 05 19 16-0017	EA	2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.42	
04 05 19 16-0018	EA	4" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.31	
04 05 19 16-0019	EA	4" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.36	
04 05 19 16-0020	EA	4" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.42	
04 05 19 16-0021	EA	4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.48	
04 05 19 16-0022		Z-Type, Wire Masonry Wall Ties *(04 05 19 16)*		
04 05 19 16-0023		Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Ties *(04 05 19 16-0022)*		
04 05 19 16-0024	EA	6" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.24	
04 05 19 16-0025	EA	8" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.29	
04 05 19 16-0026	EA	10" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.44	
04 05 19 16-0027	EA	12" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.51	
04 05 19 16-0028	EA	6" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.52	
04 05 19 16-0029	EA	8" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.62	
04 05 19 16-0030	EA	10" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.73	
04 05 19 16-0031	EA	12" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.80	
04 05 19 16-0032		Mill Galvanized, Z-Type, Wire Masonry Wall Ties *(04 05 19 16-0022)*		
04 05 19 16-0033	EA	6" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.13	
04 05 19 16-0034	EA	8" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.15	
04 05 19 16-0035	EA	10" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.26	
04 05 19 16-0036	EA	12" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.29	
04 05 19 16-0037	EA	6" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.30	
04 05 19 16-0038	EA	8" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.36	
04 05 19 16-0039	EA	10" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.42	
04 05 19 16-0040	EA	12" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.49	
04 05 19 16-0041		Wire Beam Ties *(04 05 19 16)*		
04 05 19 16-0042		Hot-Dipped Galvanized, Wire Beam Ties *(04 05 19 16-0041)*		
04 05 19 16-0043	EA	2" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.65	
04 05 19 16-0044	EA	4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.68	
04 05 19 16-0045	EA	6" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.72	
04 05 19 16-0046	EA	8" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.75	
04 05 19 16-0047	EA	10" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.82	
04 05 19 16-0048		Mill Galvanized, Wire Beam Ties *(04 05 19 16-0041)*		
04 05 19 16-0049	EA	2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	1.95	
04 05 19 16-0050	EA	4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	2.03	
04 05 19 16-0051	EA	6" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	2.12	
04 05 19 16-0052	EA	8" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	2.16	
04 05 19 16-0053	EA	10" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	2.23	
04 05 19 16-0054		Adjustable Double Pintle, Wire Masonry Wall Ties *(04 05 19 16)*		
04 05 19 16-0055		Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties *(04 05 19 16-0054)*		
04 05 19 16-0056	EA	6" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.82	
04 05 19 16-0057	EA	7" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.90	
04 05 19 16-0058	EA	8" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.92	
04 05 19 16-0059	EA	9" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.99	
04 05 19 16-0060	EA	10" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	2.01	
04 05 19 16-0061		Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties *(04 05 19 16-0054)*		
04 05 19 16-0062	EA	6" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.55	
04 05 19 16-0063	EA	7" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.60	
04 05 19 16-0064	EA	8" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.62	
04 05 19 16-0065	EA	9" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.66	
04 05 19 16-0066	EA	10" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.68	
04 05 19 16-0067		Corrugated Buck (Brick) Anchors *(04 05 19 16)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0068		**Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchors** *(04 05 19 16-0067)*		
04 05 19 16-0069	EA	3-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.20	
04 05 19 16-0070	EA	4-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.28	
04 05 19 16-0071	EA	5-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.36	
04 05 19 16-0072	EA	6-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.45	
04 05 19 16-0073	EA	7-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.53	
04 05 19 16-0074	EA	3-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.27	
04 05 19 16-0075	EA	4-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.36	
04 05 19 16-0076	EA	5-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.45	
04 05 19 16-0077	EA	6-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.53	
04 05 19 16-0078	EA	7-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.62	
04 05 19 16-0079		**Mill Galvanized, Corrugated Buck (Brick) Anchors** *(04 05 19 16-0067)*		
04 05 19 16-0080	EA	3-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.90	
04 05 19 16-0081	EA	4-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.97	
04 05 19 16-0082	EA	5-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.03	
04 05 19 16-0083	EA	6-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.09	
04 05 19 16-0084	EA	7-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.15	
04 05 19 16-0085	EA	3-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.96	
04 05 19 16-0086	EA	4-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.02	
04 05 19 16-0087	EA	5-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.09	
04 05 19 16-0088	EA	6-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.15	
04 05 19 16-0089	EA	7-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.22	
04 05 19 16-0090		**Corrugated Wall Ties** *(04 05 19 16)*		
04 05 19 16-0091		**Hot-Dipped Galvanized, Corrugated Wall Ties** *(04 05 19 16-0090)*		
04 05 19 16-0092	EA	7/8" Width, 7" Length, 28 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.13	
04 05 19 16-0093	EA	7/8" Width, 7" Length, 26 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.20	
04 05 19 16-0094	EA	7/8" Width, 7" Length, 24 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.22	
04 05 19 16-0095	EA	7/8" Width, 7" Length, 22 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.24	
04 05 19 16-0096	EA	7/8" Width, 7" Length, 16 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.48	
04 05 19 16-0097		**Mill Galvanized, Corrugated Wall Ties** *(04 05 19 16-0090)*		
04 05 19 16-0098	EA	7/8" Width, 7" Length, 26 Gauge, Mill Galvanized, Corrugated Wall Tie	1.15	
04 05 19 16-0099	EA	7/8" Width, 7" Length, 24 Gauge, Mill Galvanized, Corrugated Wall Tie	1.17	
04 05 19 16-0100	EA	7/8" Width, 7" Length, 22 Gauge, Mill Galvanized, Corrugated Wall Tie	1.19	
04 05 19 16-0101	EA	7/8" Width, 7" Length, 16 Gauge, Mill Galvanized, Corrugated Wall Tie	1.37	
04 05 19 16-0102		**Stainless Steel, Corrugated Wall Ties** *(04 05 19 16-0090)*		
04 05 19 16-0103	EA	7/8" Width, 7" Length, 28 Gauge, Stainless Steel, Corrugated Wall Tie	1.39	
04 05 19 16-0104	EA	7/8" Width, 7" Length, 26 Gauge, Stainless Steel, Corrugated Wall Tie	1.45	
04 05 19 16-0105	EA	7/8" Width, 7" Length, 24 Gauge, Stainless Steel, Corrugated Wall Tie	1.51	
04 05 19 16-0106	EA	7/8" Width, 7" Length, 22 Gauge, Stainless Steel, Corrugated Wall Tie	1.56	
04 05 19 16-0107	EA	7/8" Width, 7" Length, 16 Gauge, Stainless Steel, Corrugated Wall Tie	1.83	
04 05 19 16-0108		**Wire Mesh Wall Ties** *(04 05 19 16)*		
		Note: 1/2" square mesh.		
04 05 19 16-0109	EA	3" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	2.26	
04 05 19 16-0110	EA	3" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	2.73	
04 05 19 16-0111	EA	6" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	3.23	
04 05 19 16-0112	EA	6" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	4.12	
04 05 19 16-0113	EA	10" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	3.88	
04 05 19 16-0114	EA	10" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	4.75	
04 05 19 16-0115		**Triangle Brick Ties** *(04 05 19 16)*		
04 05 19 16-0116		**Hot-Dipped Galvanized, Triangle Brick Ties** *(04 05 19 16-0115)*		
04 05 19 16-0117	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.01	
04 05 19 16-0118	EA	3-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.04	
04 05 19 16-0119	EA	4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.08	
04 05 19 16-0120	EA	4-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.15	
04 05 19 16-0121	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.19	
04 05 19 16-0122	EA	6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.32	
04 05 19 16-0123	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.39	
04 05 19 16-0124	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.57	
04 05 19 16-0125	EA	3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.38	
04 05 19 16-0126	EA	3-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.40	
04 05 19 16-0127	EA	4" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.43	
04 05 19 16-0128	EA	4-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.50	
04 05 19 16-0129	EA	5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.53	
04 05 19 16-0130	EA	6" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.65	
04 05 19 16-0131	EA	7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.71	
04 05 19 16-0132	EA	9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.90	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0133		**Mill Galvanized, Triangle Brick Ties** *(04 05 19 16-0115)*		
04 05 19 16-0134	EA	3" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.83	
04 05 19 16-0135	EA	3-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.84	
04 05 19 16-0136	EA	4" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.85	
04 05 19 16-0137	EA	4-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.90	
04 05 19 16-0138	EA	5" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.92	
04 05 19 16-0139	EA	6" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	2.00	
04 05 19 16-0140	EA	7" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	2.03	
04 05 19 16-0141	EA	9" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	2.09	
04 05 19 16-0142	EA	3" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.05	
04 05 19 16-0143	EA	3-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.07	
04 05 19 16-0144	EA	4" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.09	
04 05 19 16-0145	EA	4-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.15	
04 05 19 16-0146	EA	5" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.17	
04 05 19 16-0147	EA	6" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.27	
04 05 19 16-0148	EA	7" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.31	
04 05 19 16-0149	EA	9" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.41	
04 05 19 16-0150		**Seismic Veneer Anchors** *(04 05 19 16)*		
04 05 19 16-0151	EA	3-1/2" Length, 1-1/4" Width, Stainless Steel, Seismic Notch Veneer Anchor Note: For horizontal wire attachment. Excludes wire.	5.41	
04 05 19 16-0152		**Slip-Set, Joint Stabilization Anchors** *(04 05 19 16)* Note: For restraining lateral movement at control joints. Field bendable.		
04 05 19 16-0153	EA	9-5/8" Length, 1-5/8" Width, Mill Galvanized, Slip-Set, Joint Stabilization Anchor	6.42	
04 05 19 16-0154	EA	9-5/8" Length, 1-5/8" Width, Hot-Dipped Galvanized, Slip-Set, Joint Stabilization Anchor	6.96	
04 05 19 16-0155	EA	9-5/8" Length, 1-5/8" Width, Stainless Steel, Slip-Set, Joint Stabilization Anchor	5.41	
04 05 19 16-0156		**Strap Partition Top Anchors** *(04 05 19 16)*		
04 05 19 16-0157	EA	12 Gauge Strap, 3/8" Rod, Hot-Dipped Galvanized, Partition Top Anchor	3.71	
04 05 19 16-0158	EA	12 Gauge Strap, 3/8" Rod, Stainless Steel, Partition Top Anchor	5.69	
04 05 19 16-0159		**Rigid Partition Anchors** *(04 05 19 16)*		
04 05 19 16-0160		**Hot-Dipped Galvanized, Rigid Partition Anchors** *(04 05 19 16-0159)*		
04 05 19 16-0161	EA	1" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.84	
04 05 19 16-0162	EA	1-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.07	
04 05 19 16-0163	EA	1-1/2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.36	
04 05 19 16-0164	EA	1-3/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.61	
04 05 19 16-0165	EA	2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.87	
04 05 19 16-0166	EA	2-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	4.13	
04 05 19 16-0167	EA	1" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.88	
04 05 19 16-0168	EA	1-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	4.70	
04 05 19 16-0169	EA	1-1/2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	5.52	
04 05 19 16-0170	EA	1-3/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	6.35	
04 05 19 16-0171	EA	2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	7.17	
04 05 19 16-0172	EA	2-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	8.00	
04 05 19 16-0173		**Mill Galvanized, Rigid Partition Anchors** *(04 05 19 16-0159)*		
04 05 19 16-0174	EA	1" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	2.61	
04 05 19 16-0175	EA	1-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	2.81	
04 05 19 16-0176	EA	1-1/2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	3.01	
04 05 19 16-0177	EA	1-3/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	3.22	
04 05 19 16-0178	EA	2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	3.41	
04 05 19 16-0179	EA	2-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	3.62	
04 05 19 16-0180		**Screw-On Masonry Veneer Anchor Plates** *(04 05 19 16)*		
04 05 19 16-0181	EA	12 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate	1.82	
04 05 19 16-0182	EA	14 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate	1.91	
04 05 19 16-0183		**Wire Column Ties** *(04 05 19 16)*		
04 05 19 16-0184		**Hot-Dipped Galvanized, Wire Column Ties** *(04 05 19 16-0183)*		
04 05 19 16-0185	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.18	
04 05 19 16-0186	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.32	
04 05 19 16-0187	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.42	
04 05 19 16-0188	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.56	
04 05 19 16-0189	EA	10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.30	
04 05 19 16-0190	EA	12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.42	
04 05 19 16-0191	EA	14" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.51	
04 05 19 16-0192	EA	16" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.59	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0193	EA	3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.90	
04 05 19 16-0194	EA	5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.14	
04 05 19 16-0195	EA	7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.30	
04 05 19 16-0196	EA	9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.52	
04 05 19 16-0197	EA	10" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.14	
04 05 19 16-0198	EA	12" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.30	
04 05 19 16-0199	EA	14" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.44	
04 05 19 16-0200	EA	16" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.59	
04 05 19 16-0201		**Mill Galvanized, Wire Column Ties** *(04 05 19 16-0183)*		
04 05 19 16-0202	EA	3" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.94	
04 05 19 16-0203	EA	5" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.03	
04 05 19 16-0204	EA	7" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.08	
04 05 19 16-0205	EA	9" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.16	
04 05 19 16-0206	EA	10" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.97	
04 05 19 16-0207	EA	12" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.06	
04 05 19 16-0208	EA	14" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.11	
04 05 19 16-0209	EA	16" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.18	
04 05 19 16-0210	EA	3" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.47	
04 05 19 16-0211	EA	5" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.63	
04 05 19 16-0212	EA	7" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.70	
04 05 19 16-0213	EA	9" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.85	
04 05 19 16-0214	EA	10" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.40	
04 05 19 16-0215	EA	12" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.66	
04 05 19 16-0216	EA	14" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.77	
04 05 19 16-0217	EA	16" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.85	
04 05 19 16-0218		**Dovetail Anchors, Slots And Ties** *(04 05 19 16)*		
04 05 19 16-0219		**Dovetail Anchor Slots** *(04 05 19 16-0218)*		
04 05 19 16-0220		**Hot-Dipped Galvanized, Dovetail Anchor Slot** *(04 05 19 16-0219)*		
04 05 19 16-0221	LF	24 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	4.23	
04 05 19 16-0222	LF	22 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	4.64	
04 05 19 16-0223	LF	20 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	4.87	
04 05 19 16-0224	LF	18 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	4.99	
04 05 19 16-0225	LF	16 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	5.26	
04 05 19 16-0226		**Mill Galvanized, Dovetail Anchor Slot** *(04 05 19 16-0219)*		
04 05 19 16-0227	LF	24 Gauge, Mill Galvanized, Dovetail Anchor Slot	3.42	
04 05 19 16-0228	LF	22 Gauge, Mill Galvanized, Dovetail Anchor Slot	3.93	
04 05 19 16-0229	LF	20 Gauge, Mill Galvanized, Dovetail Anchor Slot	4.05	
04 05 19 16-0230	LF	18 Gauge, Mill Galvanized, Dovetail Anchor Slot	4.23	
04 05 19 16-0231	LF	16 Gauge, Mill Galvanized, Dovetail Anchor Slot	4.34	
04 05 19 16-0232		**304 Stainless Steel, Dovetail Anchor Slot** *(04 05 19 16-0219)*		
04 05 19 16-0233	LF	24 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	3.95	
04 05 19 16-0234	LF	22 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	4.32	
04 05 19 16-0235	LF	20 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	4.45	
04 05 19 16-0236	LF	18 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	4.87	
04 05 19 16-0237	LF	16 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	5.28	
04 05 19 16-0238		**316 Stainless Steel, Dovetail Anchor Slot** *(04 05 19 16-0219)*		
04 05 19 16-0239	LF	24 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	4.24	
04 05 19 16-0240	LF	22 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	4.52	
04 05 19 16-0241	LF	20 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	4.81	
04 05 19 16-0242	LF	18 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	5.17	
04 05 19 16-0243	LF	16 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	5.38	
04 05 19 16-0244		**Dovetail Corrugated Brick Ties** *(04 05 19 16-0218)*		
04 05 19 16-0245		**Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie** *(04 05 19 16-0244)*		
04 05 19 16-0246	EA	3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.47	
04 05 19 16-0247	EA	5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.59	
04 05 19 16-0248	EA	7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.73	
04 05 19 16-0249	EA	3-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.50	
04 05 19 16-0250	EA	5-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.74	
04 05 19 16-0251	EA	7-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.93	
04 05 19 16-0252	EA	3-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.57	
04 05 19 16-0253	EA	5-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.73	
04 05 19 16-0254	EA	7-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.90	
04 05 19 16-0255		**Mill Galvanized, Dovetail Corrugated Brick Tie** *(04 05 19 16-0244)*		
04 05 19 16-0256	EA	3-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.35	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0257	EA	5-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.43	
04 05 19 16-0258	EA	7-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.51	
04 05 19 16-0259	EA	3-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.41	
04 05 19 16-0260	EA	5-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.58	
04 05 19 16-0261	EA	7-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.71	
04 05 19 16-0262	EA	3-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.44	
04 05 19 16-0263	EA	5-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.63	
04 05 19 16-0264	EA	7-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.77	
04 05 19 16-0265		Dovetail Stone Anchors *(04 05 19 16-0218)*		
04 05 19 16-0266		Hot-Dipped Galvanized, Dovetail Stone Anchors *(04 05 19 16-0265)*		
04 05 19 16-0267	EA	3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor	1.74	
04 05 19 16-0268	EA	5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor	1.87	
04 05 19 16-0269	EA	7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor	2.01	
04 05 19 16-0270		Dovetail Partition Top Anchors *(04 05 19 16-0218)*		
04 05 19 16-0271	EA	3/8" Rod, Hot-Dipped Galvanized, Dovetail Partition Top Anchor	3.89	
04 05 19 16-0272	EA	3/8" Rod, Stainless Steel, Dovetail Partition Top Anchor	6.14	
04 05 19 16-0273		Dovetail Flexible Triangle Brick Ties *(04 05 19 16-0218)*		
04 05 19 16-0274		Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Ties *(04 05 19 16-0273)*		
04 05 19 16-0275	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie	2.57	
04 05 19 16-0276	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie	2.74	
04 05 19 16-0277	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie	2.87	
04 05 19 16-0278	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie	2.98	
04 05 19 16-0279		Mill Galvanized, Dovetail Flexible Triangle Brick Ties *(04 05 19 16-0273)*		
04 05 19 16-0280	EA	3" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie	2.33	
04 05 19 16-0281	EA	5" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie	2.34	
04 05 19 16-0282	EA	7" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie	2.42	
04 05 19 16-0283	EA	9" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie	2.61	
04 05 19 26		**Masonry Reinforcing Bars** *(04 05 19)*		
		Note: Includes cutting and bending.		
04 05 19 26-0001		Plain Steel Masonry Reinforcement Bar *(04 05 19 26)*		
04 05 19 26-0002	LF	#3, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar	1.19	
04 05 19 26-0003	LF	#4, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar	1.95	
04 05 19 26-0004	LF	#5, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar	2.76	
04 05 19 26-0005	LF	#6, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar	3.62	
04 05 19 26-0006	LF	#3, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar	1.20	
04 05 19 26-0007	LF	#4, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar	1.98	
04 05 19 26-0008	LF	#5, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar	2.81	
04 05 19 26-0009	LF	#6, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar	3.70	
04 05 19 26-0010	LF	#3, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar	1.23	
04 05 19 26-0011	LF	#4, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar	2.03	
04 05 19 26-0012	LF	#5, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar	2.89	
04 05 19 26-0013	LF	#6, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar	3.81	
04 05 19 26-0014	LF	#3, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar	1.40	
04 05 19 26-0015	LF	#4, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar	2.27	
04 05 19 26-0016	LF	#5, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar	3.19	
04 05 19 26-0017	LF	#6, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar	4.15	
04 05 19 26-0018	LF	#3, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar	1.41	
04 05 19 26-0019	LF	#4, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar	2.30	
04 05 19 26-0020	LF	#5, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar	3.24	
04 05 19 26-0021	LF	#6, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar	4.23	
04 05 19 26-0022	LF	#3, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar	1.44	
04 05 19 26-0023	LF	#4, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar	2.35	
04 05 19 26-0024	LF	#5, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar	3.32	
04 05 19 26-0025	LF	#6, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar	4.34	
04 05 19 26-0026		Galvanized Steel Masonry Reinforcement Bar *(04 05 19 26)*		
04 05 19 26-0027	LF	#3, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.38	
04 05 19 26-0028	LF	#4, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	2.29	
04 05 19 26-0029	LF	#5, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	3.30	
04 05 19 26-0030	LF	#6, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	4.39	
04 05 19 26-0031	LF	#3, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.40	
04 05 19 26-0032	LF	#4, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	2.32	
04 05 19 26-0033	LF	#5, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	3.35	
04 05 19 26-0034	LF	#6, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	4.46	
04 05 19 26-0035	LF	#3, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.42	
04 05 19 26-0036	LF	#4, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	2.37	
04 05 19 26-0037	LF	#5, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	3.43	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 26-0038		LF	#6, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	4.58	
04 05 19 26-0039		LF	#3, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.59	
04 05 19 26-0040		LF	#4, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.61	
04 05 19 26-0041		LF	#5, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	3.73	
04 05 19 26-0042		LF	#6, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	4.92	
04 05 19 26-0043		LF	#3, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.61	
04 05 19 26-0044		LF	#4, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.64	
04 05 19 26-0045		LF	#5, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	3.78	
04 05 19 26-0046		LF	#6, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	4.99	
04 05 19 26-0047		LF	#3, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.63	
04 05 19 26-0048		LF	#4, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.69	
04 05 19 26-0049		LF	#5, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	3.86	
04 05 19 26-0050		LF	#6, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	5.11	
04 05 19 26-0051			Epoxy-Coated Masonry Reinforcement Bar *(04 05 19 26)*		
04 05 19 26-0052		LF	#3, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.36	
04 05 19 26-0053		LF	#4, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.25	
04 05 19 26-0054		LF	#5, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	3.24	
04 05 19 26-0055		LF	#6, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	4.30	
04 05 19 26-0056		LF	#3, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.38	
04 05 19 26-0057		LF	#4, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.28	
04 05 19 26-0058		LF	#5, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	3.29	
04 05 19 26-0059		LF	#6, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	4.38	
04 05 19 26-0060		LF	#3, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.40	
04 05 19 26-0061		LF	#4, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.34	
04 05 19 26-0062		LF	#5, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	3.37	
04 05 19 26-0063		LF	#6, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	4.49	
04 05 19 26-0064		LF	#3, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.57	
04 05 19 26-0065		LF	#4, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.57	
04 05 19 26-0066		LF	#5, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	3.67	
04 05 19 26-0067		LF	#6, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	4.83	
04 05 19 26-0068		LF	#3, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.59	
04 05 19 26-0069		LF	#4, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.60	
04 05 19 26-0070		LF	#5, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	3.72	
04 05 19 26-0071		LF	#6, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	4.91	
04 05 19 26-0072		LF	#3, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.61	
04 05 19 26-0073		LF	#4, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.66	
04 05 19 26-0074		LF	#5, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	3.80	
04 05 19 26-0075		LF	#6, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	5.02	
04 05 23			**Masonry Accessories** *(04 05)*		
04 05 23 13			**Masonry Control and Expansion Joints** *(04 05 23)*		
04 05 23 13-0001			Masonry Control Joints *(04 05 23 13)*		
04 05 23 13-0002			Rubber, Masonry Control Joints *(04 05 23 13-0001)*		
04 05 23 13-0003		LF	1-5/8" Width, T-Style, Rubber, Masonry Control Joint	6.28	1.06
04 05 23 13-0004		LF	2-5/8" Width, Rubber, Masonry Control Joint	6.12	1.06
04 05 23 13-0005		LF	6-7/8" Width, Rubber, Masonry Control Joint	12.74	1.06
04 05 23 13-0006			Polyvinyl Chloride (PVC), Masonry Control Joints *(04 05 23 13-0001)*		
04 05 23 13-0007		LF	1-5/8" Width, T-Style, Polyvinyl Chloride (PVC), Masonry Control Joint	3.93	1.06
04 05 23 13-0008		LF	2-5/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	4.07	1.06
04 05 23 13-0009		LF	4-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	5.14	1.06
04 05 23 13-0010		LF	6-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	5.71	1.06
04 05 23 13-0011		LF	11-1/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	5.41	1.06
04 05 23 16			**Masonry Embedded Flashing** *(04 05 23)*		
04 05 23 16-0001			Lead Coated Copper Through Wall Flashing *(04 05 23 16)*		
04 05 23 16-0002			Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing *(04 05 23 16-0001)*		
04 05 23 16-0003		SF	2 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	9.47	2.04
04 05 23 16-0004		SF	3 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	10.43	2.04
04 05 23 16-0005		SF	5 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	13.09	2.04
04 05 23 16-0006		SF	7 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	15.43	2.04
04 05 23 16-0007			Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing *(04 05 23 16-0001)*		
04 05 23 16-0008		SF	2 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	10.41	2.04
04 05 23 16-0009		SF	3 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	11.27	2.04
04 05 23 16-0010		SF	5 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	14.33	2.04
04 05 23 16-0011		SF	7 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	17.16	2.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 23 16-0012		Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing *(04 05 23 16-0001)*		
04 05 23 16-0013	SF	2 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	9.69	2.04
04 05 23 16-0014	SF	3 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	10.88	2.04
04 05 23 16-0015	SF	5 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	12.61	2.04
04 05 23 16-0016	SF	7 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	16.20	2.04
04 05 23 16-0017		Stainless Steel Through Wall Flashing *(04 05 23 16)*		
04 05 23 16-0018		Paper Backed 2 Sides, Stainless Steel Through Wall Flashing *(04 05 23 16-0017)*		
04 05 23 16-0019	SF	0.005" Thick Paper Backed 2 Sides, Stainless Steel Through Wall Flashing	8.24	1.90
04 05 23 16-0020		Polyvinyl Chloride (PVC) Through Wall Flashing *(04 05 23 16)*		
04 05 23 16-0021	SF	0.010" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	5.07	2.18
04 05 23 16-0022	SF	0.020" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	5.27	2.18
04 05 23 16-0023	SF	0.030" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	5.51	2.18
04 05 23 16-0024	SF	0.056" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	6.28	2.18
04 05 23 16-0025		Copper Through Wall Flashing *(04 05 23 16)*		
04 05 23 16-0026		2 Sides Coated With Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0025)*		
04 05 23 16-0027	SF	2 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	8.03	1.90
04 05 23 16-0028	SF	3 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	8.74	1.90
04 05 23 16-0029	SF	5 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	10.69	1.90
04 05 23 16-0030	SF	7 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	12.41	1.90
04 05 23 16-0031	SF	10 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	13.13	1.90
04 05 23 16-0032		2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0025)*		
04 05 23 16-0033	SF	2 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	8.73	1.90
04 05 23 16-0034	SF	3 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	9.35	1.90
04 05 23 16-0035	SF	5 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	11.60	1.90
04 05 23 16-0036	SF	7 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	13.66	1.90
04 05 23 16-0037	SF	10 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	14.88	1.90
04 05 23 16-0038		1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0025)*		
04 05 23 16-0039	SF	2 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	8.11	1.90
04 05 23 16-0040	SF	3 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	8.83	1.90
04 05 23 16-0041	SF	5 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	10.76	1.90
04 05 23 16-0042	SF	7 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	12.48	1.90
04 05 23 16-0043	SF	10 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	13.21	1.90
04 05 23 16-0044		2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0025)*		
04 05 23 16-0045	SF	2 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	8.20	1.90
04 05 23 16-0046	SF	3 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	9.07	1.90
04 05 23 16-0047	SF	5 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	10.33	1.90
04 05 23 16-0048	SF	7 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	12.97	1.90
04 05 23 16-0049	SF	10 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	9.07	1.90
04 05 23 16-0050		2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0025)*		
04 05 23 16-0051	SF	3 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing	11.09	1.90
04 05 23 16-0052	SF	5 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing	13.69	1.90
04 05 23 16-0053		2 Sides Glass Fabric, Thru-Wall Copper Flashing *(04 05 23 16-0025)* Note: Glass fabric is bonded to both sides with a non-asphaltic adhesive.		
04 05 23 16-0054	SF	3 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing	9.58	1.90
04 05 23 16-0055	SF	5 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing	11.91	1.90
04 05 23 19		**Masonry Cavity Drainage, Weepholes, and Vents** *(04 05 23)*		
04 05 23 19-0001		Brick Vents, 4" Deep, With Insect Screen *(04 05 23 19)* Note: 0.100" nominal wall thickness, three mortar ribs on top and bottom of frame.		
04 05 23 19-0002	EA	8-1/8" x 2-3/8" Aluminum Brick Vent	84.28	
04 05 23 19-0003	EA	8-1/8" x 4-3/4" Aluminum Brick Vent	104.82	
04 05 23 19-0004	EA	8-1/8" x 7-3/4" Aluminum Brick Vent	132.79	
04 05 23 19-0005	EA	12" x 2-3/8" Aluminum Brick Vent	104.27	
04 05 23 19-0006	EA	12" x 4-3/4" Aluminum Brick Vent	129.19	
04 05 23 19-0007	EA	12" x 7-3/4" Aluminum Brick Vent	164.11	
04 05 23 19-0008	EA	16-1/2" x 2-3/8" Aluminum Brick Vent	124.00	
04 05 23 19-0009	EA	16-1/2" x 4-3/4" Aluminum Brick Vent	169.02	
04 05 23 19-0010	EA	16-1/2" x 7-3/4" Aluminum Brick Vent	207.58	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 23 19-0011	EA	24" x 2-3/8" Aluminum Brick Vent	170.53	
04 05 23 19-0012	EA	24" x 4-3/4" Aluminum Brick Vent	222.46	
04 05 23 19-0013	EA	24" x 7-3/4" Aluminum Brick Vent	274.83	

04 20 Unit Masonry *(04)*

Note: Includes finishing joints (pointing) and cleaning of new brick and mortar. Cutting of new bricks/blocks to size. Weep holes and wicking material.

04 21 Clay Unit Masonry *(04 20)*

04 21 13 Brick Masonry *(04 21)*

Note: Includes brick and mortar. See CSI section 04 05 19 13-0000 for reinforcing, 04 05 19 16-0000 for masonry anchors.

04 21 13 00-0001 Brick Masonry *(04 21 13)*

04 21 13 00-0002	SF	Standard Size Red Brick, Running Bond Note: Standard size brick, 3-5/8" x 2-1/4" x 8". (6.55 Bricks/SF)	26.79	
		For Buff Or Gray, Add	*0.99*	
		For Common Or American Bond, Add	*0.83*	
		For English Bond, Add	*1.67*	
		For Flemish Bond, Add	*3.43*	
		For Stacked Bond, Add	*2.38*	
		For <10, Small Area Replacements (Individual Areas), Add	*31.60*	
		For Curved Wall, Add	*4.17*	
		For Corbels, Add	*15.65*	
		For Severe Weather (SW) Brick, Add	*0.89*	
		For Glazed Brick, Add	*20.72*	
04 21 13 00-0003	SF	Engineer Standard Size Red Brick, Running Bond Note: Engineer standard size brick, 3-5/8" x 2-3/4" x 8". (5.39 Bricks/SF)	27.74	
		For Buff Or Gray, Add	*1.22*	
		For Common Or American Bond, Add	*0.82*	
		For English Bond, Add	*1.63*	
		For Flemish Bond, Add	*3.43*	
		For Stacked Bond, Add	*2.41*	
		For <10, Small Area Replacements (Individual Areas), Add	*30.97*	
		For Curved Wall, Add	*4.08*	
		For Corbels, Add	*15.30*	
		For Severe Weather (SW) Brick, Add	*1.10*	
		For Glazed Brick, Add	*25.69*	
04 21 13 00-0004	SF	Modular Size Red Brick, Running Bond Note: Modular size brick, 3-5/8" x 2-1/4" x 7-5/8". (6.75 Bricks/SF)	26.79	
		For Buff Or Gray, Add	*0.99*	
		For Common Or American Bond, Add	*0.83*	
		For English Bond, Add	*1.67*	
		For Flemish Bond, Add	*3.43*	
		For Stacked Bond, Add	*2.38*	
		For <10, Small Area Replacements (Individual Areas), Add	*31.60*	
		For Curved Wall, Add	*4.17*	
		For Corbels, Add	*15.65*	
		For Severe Weather (SW) Brick, Add	*0.89*	
		For Glazed Brick, Add	*20.72*	
04 21 13 00-0005	SF	Engineer Modular Size Red Brick, Running Bond Note: Engineer modular size brick, 3-5/8" x 2-3/4" x 7-5/8". (5.63 Bricks/SF)	27.74	
		For Buff Or Gray, Add	*1.22*	
		For Common Or American Bond, Add	*0.82*	
		For English Bond, Add	*1.63*	
		For Flemish Bond, Add	*3.43*	
		For Stacked Bond, Add	*2.41*	
		For <10, Small Area Replacements (Individual Areas), Add	*30.97*	
		For Curved Wall, Add	*4.08*	
		For Corbels, Add	*15.30*	
		For Severe Weather (SW) Brick, Add	*1.10*	
		For Glazed Brick, Add	*25.69*	
04 21 13 00-0006	SF	Economy Size Red Brick, Running Bond Note: Economy size brick, 3-5/8" x 3-5/8" x 7-5/8". (4.5 Bricks/SF)	27.54	
		For Buff Or Gray, Add	*1.19*	
		For Common Or American Bond, Add	*0.82*	
		For English Bond, Add	*1.63*	
		For Flemish Bond, Add	*3.42*	
		For Stacked Bond, Add	*2.40*	
		For <10, Small Area Replacements (Individual Areas), Add	*30.96*	
		For Curved Wall, Add	*4.08*	
		For Corbels, Add	*15.30*	
		For Severe Weather (SW) Brick, Add	*1.07*	
		For Glazed Brick, Add	*24.99*	
04 21 13 00-0007	SF	Utility Size Red Brick, Running Bond Note: Utility size brick, 3-5/8" x 3-5/8" x 11-5/8". (3.0 Bricks/SF)	20.37	
		For Buff Or Gray, Add	*1.02*	
		For Common Or American Bond, Add	*0.57*	
		For English Bond, Add	*1.14*	
		For Flemish Bond, Add	*2.44*	
		For Stacked Bond, Add	*1.73*	
		For <10, Small Area Replacements (Individual Areas), Add	*21.68*	
		For Curved Wall, Add	*2.85*	
		For Corbels, Add	*10.69*	
		For Severe Weather (SW) Brick, Add	*0.92*	
		For Glazed Brick, Add	*21.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 13 00-0008	SF	Double Utility Size Red Brick, Running Bond Note: Double utility size brick, 3-5/8" x 7-5/8" x 11-5/8". (1.5 Bricks/SF)	18.54	
		For Buff Or Gray, Add	*0.72*	
		For Common Or American Bond, Add	*0.57*	
		For English Bond, Add	*1.14*	
		For Flemish Bond, Add	*2.35*	
		For Stacked Bond, Add	*1.64*	
		For <10, Small Area Replacements (Individual Areas), Add	*21.59*	
		For Curved Wall, Add	*2.85*	
		For Corbels, Add	*10.69*	
		For Severe Weather (SW) Brick, Add	*0.64*	
		For Glazed Brick, Add	*15.02*	
04 21 13 00-0009	SF	Norman Size Red Brick, Running Bond Note: Norman size brick, 3-5/8" x 2-1/4" x 11-5/8". (4.5 Bricks/SF)	28.11	
		For Buff Or Gray, Add	*1.29*	
		For Common Or American Bond, Add	*0.82*	
		For English Bond, Add	*1.63*	
		For Flemish Bond, Add	*3.45*	
		For Stacked Bond, Add	*2.43*	
		For <10, Small Area Replacements (Individual Areas), Add	*30.99*	
		For Curved Wall, Add	*4.08*	
		For Corbels, Add	*15.30*	
		For Severe Weather (SW) Brick, Add	*1.16*	
		For Glazed Brick, Add	*26.99*	
04 21 13 00-0010	SF	Roman Size Red Brick, Running Bond Note: Roman size brick, 3-5/8" x 1-5/8" x 11-5/8". (6.0 Bricks/SF)	29.73	
		For Buff Or Gray, Add	*1.56*	
		For Common Or American Bond, Add	*0.82*	
		For English Bond, Add	*1.63*	
		For Flemish Bond, Add	*3.53*	
		For Stacked Bond, Add	*2.51*	
		For <10, Small Area Replacements (Individual Areas), Add	*31.07*	
		For Curved Wall, Add	*4.08*	
		For Corbels, Add	*15.30*	
		For Severe Weather (SW) Brick, Add	*1.40*	
		For Glazed Brick, Add	*32.66*	

04 21 13 00-0011 Fire Brick *(04 21 13)*

04 21 13 00-0012	SF	Running Bond, Red Fire Brick	31.35	
		For Buff Or Gray, Add	*1.83*	
		For Common Or American Bond, Add	*0.82*	
		For English Bond, Add	*1.63*	
		For Flemish Bond, Add	*3.61*	
		For Stacked Bond, Add	*2.59*	
		For <10, Small Area Replacements (Individual Areas), Add	*31.15*	

04 21 13 00-0013 Window Sill *(04 21 13)*

04 21 13 00-0014	LF	Standard Size Red Brick, Window Sill Note: Standard size brick, 3-5/8" x 2-1/4" x 8", placed on edge.	24.25	
		For Buff Or Gray, Add	*0.29*	
04 21 13 00-0015	LF	Engineer Standard Size Red Brick, Window Sill Note: Engineer standard size brick, 3-5/8" x 2-3/4" x 8", placed on edge.	24.46	
		For Buff Or Gray, Add	*0.33*	
04 21 13 00-0016	LF	Modular Size Red Brick, Window Sill Note: Modular size brick, 3-5/8" x 2-1/4" x 7-5/8", placed on edge.	24.25	
		For Buff Or Gray, Add	*0.29*	
04 21 13 00-0017	LF	Engineer Modular Size Red Brick, Window Sill Note: Engineer modular size brick, 3-5/8" x 2-3/4" x 7-5/8", placed on edge.	24.60	
		For Buff Or Gray, Add	*0.35*	
04 21 13 00-0018	LF	Economy Size Red Brick, Window Sill Note: Economy size brick, 3-5/8" x 3-5/8" x 7-5/8", placed on edge.	25.52	
		For Buff Or Gray, Add	*0.51*	
04 21 13 00-0019	LF	Utility Size Red Brick, Window Sill Note: Utility size brick, 3-5/8" x 3-5/8" x 11-5/8", placed on edge.	25.71	
		For Buff Or Gray, Add	*0.54*	
04 21 13 00-0020	LF	Double Utility Size Red Brick, Window Sill Note: Double utility size brick, 3-5/8" x 7-5/8" x 11-5/8", placed on edge.	25.71	
		For Buff Or Gray, Add	*0.54*	
04 21 13 00-0021	LF	Norman Size Red Brick, Window Sill Note: Norman size brick, 3-5/8" x 2-1/4" x 11-5/8", placed on edge.	24.72	
		For Buff Or Gray, Add	*0.37*	
04 21 13 00-0022	LF	Roman Size Red Brick, Window Sill Note: Roman size brick, 3-5/8" x 1-5/8" x 11-5/8", placed on edge.	24.82	
		For Buff Or Gray, Add	*0.39*	

04 21 19 Clay Tile Masonry *(04 21)*

04 21 19 00-0001 Scored Face, Hollow, Clay Backing Tile *(04 21 19)*

04 21 19 00-0002 Load Bearing, Scored Face, Hollow, Clay Backing Tile *(04 21 19 00-0001)*

04 21 19 00-0003	SF	4" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	26.22	
		For Smooth Face, One Side, Add	*1.69*	
		For Smooth Face, Two Sides, Add	*2.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 19 00-0004	SF	6" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	28.55	
		For Smooth Face, One Side, Add	*1.87*	
		For Smooth Face, Two Sides, Add	*3.18*	
04 21 19 00-0005	SF	8" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	32.14	
		For Smooth Face, One Side, Add	*2.18*	
		For Smooth Face, Two Sides, Add	*3.71*	
04 21 19 00-0006	SF	10" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	44.74	
		For Smooth Face, One Side, Add	*3.38*	
		For Smooth Face, Two Sides, Add	*5.86*	
04 21 19 00-0007	SF	12" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	59.22	
		For Smooth Face, One Side, Add	*4.72*	
		For Smooth Face, Two Sides, Add	*8.25*	

04 21 19 00-0008 Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile *(04 21 19 00-0001)*

04 21 19 00-0009	SF	3" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile	21.87	
		For Smooth Face, One Side, Add	*1.36*	
		For Smooth Face, Two Sides, Add	*2.28*	
04 21 19 00-0010	SF	4" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile	26.41	
		For Smooth Face, One Side, Add	*1.77*	
		For Smooth Face, Two Sides, Add	*3.02*	
04 21 19 00-0011	SF	6" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile	27.06	
		For Smooth Face, One Side, Add	*1.80*	
		For Smooth Face, Two Sides, Add	*3.05*	
04 21 19 00-0012	SF	8" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile	42.04	
		For Smooth Face, One Side, Add	*3.22*	
		For Smooth Face, Two Sides, Add	*5.61*	
04 21 19 00-0013	SF	12" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile	57.71	
		For Smooth Face, One Side, Add	*4.67*	
		For Smooth Face, Two Sides, Add	*8.20*	

04 21 26 Glazed Structural Clay Tile Masonry *(04 21)*

Note: Includes tile and mortar in all colors.

04 21 26 00-0001 6T Series Structural Glazed Clay Tile *(04 21 26)*

04 21 26 00-0002 Glazed On One Side 6T Series Structural Glazed Clay Tile *(04 21 26 00-0001)*

04 21 26 00-0003	SF	2" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12"	34.17	
		For Stacked Bond, Add	*2.23*	
04 21 26 00-0004	SF	4" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12"	38.29	
		For Stacked Bond, Add	*2.23*	
04 21 26 00-0005	SF	6" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12"	46.78	
		For Stacked Bond, Add	*2.33*	

04 21 26 00-0006 Special Shapes 6T Series Structural Glazed Clay Tile *(04 21 26 00-0001)*

04 21 26 00-0007	LF	Bullnose, Jamb Or Sill Shapes 6T Series Structural Glazed Clay Tile	35.76	
		For Stacked Bond, Add	*2.64*	
04 21 26 00-0008	LF	2" Or 4" Cove Base 6T Series Structural Glazed Clay Tile	42.63	
		For Stacked Bond, Add	*2.64*	

04 21 26 00-0009 8W Series Structural Glazed Clay Tile *(04 21 26)*

04 21 26 00-0010 Glazed On One Side 8W Series Structural Glazed Clay Tile *(04 21 26 00-0009)*

04 21 26 00-0011	SF	2" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16"	26.83	
		For Stacked Bond, Add	*1.42*	
04 21 26 00-0012	SF	4" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16"	33.38	
		For Stacked Bond, Add	*1.52*	
04 21 26 00-0013	SF	6" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16"	46.12	
		For Stacked Bond, Add	*1.62*	

04 21 26 00-0014 Special Shapes 8W Series Structural Glazed Clay Tile *(04 21 26 00-0009)*

04 21 26 00-0015	LF	Bullnose, Jamb Or Sill Shapes 8W Series Structural Glazed Clay Tile	36.70	
		For Stacked Bond, Add	*1.83*	
04 21 26 00-0016	LF	2" Or 4" Cove Base 8W Series Structural Glazed Clay Tile	36.64	
		For Stacked Bond, Add	*1.83*	

04 21 26 00-0017 4W Series Structural Glazed Clay Tile *(04 21 26)*

04 21 26 00-0018 Glazed On One Side 4W Series Structural Glazed Clay Tile *(04 21 26 00-0017)*

04 21 26 00-0019	SF	2" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"	35.72	
		For Stacked Bond, Add	*2.23*	
04 21 26 00-0020	SF	4" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"	37.78	
		For Stacked Bond, Add	*2.23*	
04 21 26 00-0021	SF	6" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"	47.03	
		For Stacked Bond, Add	*2.33*	

04 21 26 00-0022 Special Shapes 4W Series Structural Glazed Clay Tile *(04 21 26 00-0017)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 26 00-0023	LF	Bullnose, Jamb Or Sill Shapes 4W Series Structural Glazed Clay Tile	37.02	
		For Stacked Bond, Add	*2.64*	
04 21 26 00-0024	LF	2" Or 4" Cove Base 4W Series Structural Glazed Clay Tile	42.52	
		For Stacked Bond, Add	*2.64*	
04 21 26 00-0025		6T Series Sound Absorbing Structural Glazed Tile *(04 21 26)*		
04 21 26 00-0026	SF	4" Thick, 6T Sound Absorbing Structural Glazed Tile	36.94	
04 21 26 00-0027	SF	6" Thick, 6T Sound Absorbing Structural Glazed Tile	39.91	
04 21 26 00-0028	SF	8" Thick, 6T Sound Absorbing Structural Glazed Tile	46.58	
04 21 26 00-0029		8T Series Sound Absorbing Structural Glazed Tile *(04 21 26)*		
04 21 26 00-0030	SF	4" Thick, 8T Sound Absorbing Structural Glazed Tile	41.01	
04 21 26 00-0031	SF	6" Thick, 8T Sound Absorbing Structural Glazed Tile	46.29	
04 21 26 00-0032	SF	8" Thick, 8T Acoustical Glazed Tile	54.94	
04 21 29		**Terra Cotta Masonry** *(04 21)*		
04 21 29 00-0001		Coping *(04 21 29)*		
		Note: Includes caulk and ties. Excludes drilling into existing materials or other anchoring bolts.		
04 21 29 00-0002	SF	Terra Cotta Coping	115.77	42.97
		For Smooth Tile Instead Of Scored, Add	*3.89*	
		For Reinforcing With Steel Rods, Add	*7.95*	
04 21 29 00-0003		Partition Or Back Up (Scored) *(04 21 29)*		
04 21 29 00-0004		Non-load Bearing, 12" x 12" *(04 21 29 00-0003)*		
04 21 29 00-0005	SF	3" Thick Terra Cotta, Non-Load Bearing 12" x 12" Scored Face, Back-Up Partitions	28.47	
		For Smooth Tile Instead Of Scored, Add	*3.73*	
		For Reinforcing With Steel Rods, Add	*3.50*	
04 21 29 00-0006	SF	4" Thick Terra Cotta, Non-Load Bearing 12" x 12" Scored Face, Back-Up Partitions	30.20	
		For Smooth Tile Instead Of Scored, Add	*3.90*	
		For Reinforcing With Steel Rods, Add	*3.68*	
04 21 29 00-0007	SF	6" Thick Terra Cotta, Non-Load Bearing 12" x 12" Scored Face, Back-Up Partitions	39.07	
		For Smooth Tile Instead Of Scored, Add	*5.33*	
		For Reinforcing With Steel Rods, Add	*4.91*	
04 21 29 00-0008	SF	8" Thick Terra Cotta, Non-Load Bearing 12" x 12" Scored Face, Back-Up Partitions	47.88	
		For Smooth Tile Instead Of Scored, Add	*6.70*	
		For Reinforcing With Steel Rods, Add	*6.12*	
04 21 29 00-0009		Load Bearing, 12" x 12" *(04 21 29 00-0003)*		
04 21 29 00-0010		In Walls *(04 21 29 00-0009)*		
04 21 29 00-0011	SF	4" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	32.11	
		For Smooth Tile Instead Of Scored, Add	*4.25*	
		For Reinforcing With Steel Rods, Add	*3.96*	
04 21 29 00-0012	SF	6" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	43.41	
		For Smooth Tile Instead Of Scored, Add	*6.11*	
		For Reinforcing With Steel Rods, Add	*5.57*	
04 21 29 00-0013	SF	8" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	52.11	
		For Smooth Tile Instead Of Scored, Add	*7.46*	
		For Reinforcing With Steel Rods, Add	*6.75*	
04 21 29 00-0014	SF	10" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	54.58	
		For Smooth Tile Instead Of Scored, Add	*7.63*	
		For Reinforcing With Steel Rods, Add	*6.97*	
04 21 29 00-0015	SF	12" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	65.60	
		For Smooth Tile Instead Of Scored, Add	*9.25*	
		For Reinforcing With Steel Rods, Add	*8.42*	
04 21 29 00-0016		In Floors *(04 21 29 00-0009)*		
04 21 29 00-0017	SF	4" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	29.27	
		For Smooth Tile Instead Of Scored, Add	*4.25*	
		For Reinforcing With Steel Rods, Add	*3.82*	
04 21 29 00-0018	SF	6" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	40.26	
		For Smooth Tile Instead Of Scored, Add	*6.11*	
		For Reinforcing With Steel Rods, Add	*5.41*	
04 21 29 00-0019	SF	8" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	48.87	
		For Smooth Tile Instead Of Scored, Add	*7.46*	
		For Reinforcing With Steel Rods, Add	*6.59*	
04 21 29 00-0020	SF	10" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	50.93	
		For Smooth Tile Instead Of Scored, Add	*7.63*	
		For Reinforcing With Steel Rods, Add	*6.79*	
04 21 29 00-0021	SF	12" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	60.86	
		For Smooth Tile Instead Of Scored, Add	*9.25*	
		For Reinforcing With Steel Rods, Add	*8.18*	

04 22 Concrete Unit Masonry *(04 20)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

Note: Includes block and mortar. Excludes horizontal and vertical reinforcing. See CSI section 04 05 19 13-0000 for joint reinforcing.

04 22 23 Architectural Concrete Unit Masonry *(04 22)*

04 22 23 13 Exposed Aggregate Concrete Unit Masonry *(04 22 23)*

04 22 23 13-0001 Concrete Blocks *(04 22 23 13)*

04 22 23 13-0002 Lightweight Concrete Blocks *(04 22 23 13-0001)*

04 22 23 13-0003 Cored, Lightweight, Concrete Blocks *(04 22 23 13-0002)*

04 22 23 13-0004	SF	4" x 8" x 16", Cored, Lightweight, Concrete Block	13.18	
		For Stacked Bond, Add	*2.81*	
		For Scored Block, Add	*0.48*	
		For Curved Wall Application, Add	*2.16*	
		For <10, Small Area Replacements (Individual Areas), Add	*16.36*	
04 22 23 13-0005	SF	6" x 8" x 16", Cored, Lightweight, Concrete Block	14.71	
		For Stacked Bond, Add	*3.03*	
		For Scored Block, Add	*0.61*	
		For Curved Wall Application, Add	*2.33*	
		For <10, Small Area Replacements (Individual Areas), Add	*17.73*	
04 22 23 13-0006	SF	8" x 8" x 16", Cored, Lightweight, Concrete Block	15.95	
		For Stacked Bond, Add	*3.26*	
		For Scored Block, Add	*0.68*	
		For Curved Wall Application, Add	*2.51*	
		For <10, Small Area Replacements (Individual Areas), Add	*19.05*	
04 22 23 13-0007	SF	10" x 8" x 16", Cored, Lightweight, Concrete Block	17.66	
		For Stacked Bond, Add	*3.41*	
		For Scored Block, Add	*0.91*	
		For Curved Wall Application, Add	*2.62*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.01*	
04 22 23 13-0008	SF	12" x 8" x 16", Cored, Lightweight, Concrete Block	21.00	
		For Stacked Bond, Add	*4.19*	
		For Scored Block, Add	*0.98*	
		For Curved Wall Application, Add	*3.22*	
		For <10, Small Area Replacements (Individual Areas), Add	*24.52*	

04 22 23 13-0009 Solid, Lightweight, Concrete Blocks *(04 22 23 13-0002)*

04 22 23 13-0010	SF	4" x 8" x 16", Solid, Lightweight, Concrete Block	14.26	
		For Stacked Bond, Add	*2.88*	
		For Scored Block, Add	*0.64*	
		For Curved Wall Application, Add	*2.21*	
		For <10, Small Area Replacements (Individual Areas), Add	*16.84*	
04 22 23 13-0011	SF	6" x 8" x 16", Solid, Lightweight, Concrete Block	15.62	
		For Stacked Bond, Add	*3.16*	
		For Scored Block, Add	*0.69*	
		For Curved Wall Application, Add	*2.43*	
		For <10, Small Area Replacements (Individual Areas), Add	*18.51*	
04 22 23 13-0012	SF	8" x 8" x 16", Solid, Lightweight, Concrete Block	16.48	
		For Stacked Bond, Add	*3.36*	
		For Scored Block, Add	*0.71*	
		For Curved Wall Application, Add	*2.58*	
		For <10, Small Area Replacements (Individual Areas), Add	*19.63*	
04 22 23 13-0013	SF	10" x 8" x 16", Solid, Lightweight, Concrete Block	18.45	
		For Stacked Bond, Add	*3.52*	
		For Scored Block, Add	*0.99*	
		For Curved Wall Application, Add	*2.70*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.65*	
04 22 23 13-0014	SF	12" x 8" x 16", Solid, Lightweight, Concrete Block	21.91	
		For Stacked Bond, Add	*4.33*	
		For Scored Block, Add	*1.05*	
		For Curved Wall Application, Add	*3.33*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.36*	

04 22 23 13-0015 Normal Weight Concrete Blocks *(04 22 23 13-0001)*

04 22 23 13-0016 Cored, Normal Weight, Concrete Blocks *(04 22 23 13-0015)*

04 22 23 13-0017	SF	4" x 8" x 16", Cored, Normal Weight, Concrete Block	13.46	
		For Stacked Bond, Add	*2.88*	
		For Scored Block, Add	*0.48*	
		For Curved Wall Application, Add	*2.21*	
		For <10, Small Area Replacements (Individual Areas), Add	*16.78*	
		For 3,500 PSI, Add	*0.50*	
		For 5,000 PSI, Add	*0.86*	
04 22 23 13-0018	SF	6" x 8" x 16", Cored, Normal Weight, Concrete Block	14.90	
		For Stacked Bond, Add	*3.16*	
		For Scored Block, Add	*0.55*	
		For Curved Wall Application, Add	*2.43*	
		For <10, Small Area Replacements (Individual Areas), Add	*18.46*	
		For 3,500 PSI, Add	*0.57*	
		For 5,000 PSI, Add	*0.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 13-0019	SF	8" x 8" x 16", Cored, Normal Weight, Concrete Block	16.06	
		For Stacked Bond, Add	*3.36*	
		For Scored Block, Add	*0.63*	
		For Curved Wall Application, Add	*2.58*	
		For <10, Small Area Replacements (Individual Areas), Add	*19.60*	
		For 3,500 PSI, Add	*0.66*	
		For 5,000 PSI, Add	*1.13*	
04 22 23 13-0020	SF	10" x 8" x 16", Cored, Normal Weight, Concrete Block	19.59	
		For Stacked Bond, Add	*3.52*	
		For Scored Block, Add	*1.21*	
		For Curved Wall Application, Add	*2.70*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.74*	
		For 3,500 PSI, Add	*1.27*	
		For 5,000 PSI, Add	*2.19*	
04 22 23 13-0021	SF	12" x 8" x 16", Cored, Normal Weight, Concrete Block	22.90	
		For Stacked Bond, Add	*4.33*	
		For Scored Block, Add	*1.25*	
		For Curved Wall Application, Add	*3.33*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.43*	
		For 3,500 PSI, Add	*1.31*	
		For 5,000 PSI, Add	*2.25*	

04 22 23 13-0022 Solid, Normal Weight, Concrete Blocks *(04 22 23 13-0015)*

04 22 23 13-0023	SF	4" x 8" x 16", Solid, Normal Weight, Concrete Block	14.40	
		For Stacked Bond, Add	*2.95*	
		For Scored Block, Add	*0.61*	
		For Curved Wall Application, Add	*2.27*	
		For <10, Small Area Replacements (Individual Areas), Add	*17.27*	
		For 3,500 PSI, Add	*0.64*	
		For 5,000 PSI, Add	*1.09*	
04 22 23 13-0024	SF	6" x 8" x 16", Solid, Normal Weight, Concrete Block	15.34	
		For Stacked Bond, Add	*3.26*	
		For Scored Block, Add	*0.56*	
		For Curved Wall Application, Add	*2.51*	
		For <10, Small Area Replacements (Individual Areas), Add	*19.01*	
		For 3,500 PSI, Add	*0.59*	
		For 5,000 PSI, Add	*1.01*	
04 22 23 13-0025	SF	8" x 8" x 16", Solid, Normal Weight, Concrete Block	16.57	
		For Stacked Bond, Add	*3.46*	
		For Scored Block, Add	*0.65*	
		For Curved Wall Application, Add	*2.66*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.21*	
		For 3,500 PSI, Add	*0.68*	
		For 5,000 PSI, Add	*1.17*	
04 22 23 13-0026	SF	10" x 8" x 16", Solid, Normal Weight, Concrete Block	18.33	
		For Stacked Bond, Add	*3.63*	
		For Scored Block, Add	*0.87*	
		For Curved Wall Application, Add	*2.79*	
		For <10, Small Area Replacements (Individual Areas), Add	*21.28*	
		For 3,500 PSI, Add	*0.92*	
		For 5,000 PSI, Add	*1.57*	
04 22 23 13-0027	SF	12" x 8" x 16", Solid, Normal Weight, Concrete Block	21.77	
		For Stacked Bond, Add	*4.48*	
		For Scored Block, Add	*0.91*	
		For Curved Wall Application, Add	*3.44*	
		For <10, Small Area Replacements (Individual Areas), Add	*26.17*	
		For 3,500 PSI, Add	*0.96*	
		For 5,000 PSI, Add	*1.64*	

04 22 23 13-0028 Bond Beam Or Lintel Concrete Blocks *(04 22 23 13)*

04 22 23 13-0029 Lightweight, Bond Beam Or Lintel Concrete Blocks *(04 22 23 13-0028)*

Note: Excludes concrete fill and reinforcing.

04 22 23 13-0030	LF	6" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block	15.41	
		For Stacked Bond, Add	*3.03*	
		For Grout And Fill With 2 #5 Rebar, Add	*9.58*	
		For Scored Block, Add	*0.75*	
		For Curved Wall Application, Add	*2.33*	
04 22 23 13-0031	LF	8" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block	17.05	
		For Stacked Bond, Add	*3.26*	
		For Grout And Fill With 2 #5 Rebar, Add	*10.79*	
		For Scored Block, Add	*0.90*	
		For Curved Wall Application, Add	*2.51*	
04 22 23 13-0032	LF	12" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block	20.91	
		For Stacked Bond, Add	*4.19*	
		For Grout And Fill With 2 #5 Rebar, Add	*12.86*	
		For Scored Block, Add	*0.96*	
		For Curved Wall Application, Add	*3.22*	

04 22 23 13-0033 Normal Weight, Bond Beam Or Lintel Concrete Blocks *(04 22 23 13-0028)*

Note: Excludes concrete fill and reinforcing.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 13-0034	LF	6" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block	15.38	
		For Stacked Bond, Add	*3.16*	
		For Grout And Fill With 2 #5 Rebar, Add	*9.30*	
		For Scored Block, Add	*0.64*	
		For Curved Wall Application, Add	*2.43*	
		For 3,500 PSI, Add	*0.67*	
		For 5,000 PSI, Add	*1.16*	
04 22 23 13-0035	LF	8" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block	16.90	
		For Stacked Bond, Add	*3.36*	
		For Grout And Fill With 2 #5 Rebar, Add	*10.45*	
		For Scored Block, Add	*0.80*	
		For Curved Wall Application, Add	*2.58*	
		For 3,500 PSI, Add	*0.84*	
		For 5,000 PSI, Add	*1.44*	
04 22 23 13-0036	LF	12" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block	20.92	
		For Stacked Bond, Add	*4.33*	
		For Grout And Fill With 2 #5 Rebar, Add	*12.60*	
		For Scored Block, Add	*0.86*	
		For Curved Wall Application, Add	*3.33*	
		For 3,500 PSI, Add	*0.90*	
		For 5,000 PSI, Add	*1.54*	

04 22 23 23 Prefaced Concrete Unit Masonry *(04 22 23)*

04 22 23 23-0001 Ground Face Concrete Blocks *(04 22 23 23)*

04 22 23 23-0002	SF	4" x 8" x 16", Ground Face, Concrete Block	17.35	
		For Stacked Bond, Add	*3.52*	
		For Scored Block, Add	*0.77*	
		For Curved Wall Application, Add	*2.70*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.57*	
04 22 23 23-0003	SF	6" x 8" x 16", Ground Face, Concrete Block	19.58	
		For Stacked Bond, Add	*3.96*	
		For Scored Block, Add	*0.87*	
		For Curved Wall Application, Add	*3.04*	
		For <10, Small Area Replacements (Individual Areas), Add	*23.16*	
04 22 23 23-0004	SF	8" x 8" x 16", Ground Face, Concrete Block	21.23	
		For Stacked Bond, Add	*4.18*	
		For Scored Block, Add	*1.03*	
		For Curved Wall Application, Add	*3.21*	
		For <10, Small Area Replacements (Individual Areas), Add	*24.49*	
04 22 23 23-0005	SF	10" x 8" x 16", Ground Face, Concrete Block	22.73	
		For Stacked Bond, Add	*4.43*	
		For Scored Block, Add	*1.14*	
		For Curved Wall Application, Add	*3.41*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.99*	
04 22 23 23-0006	SF	12" x 8" x 16", Ground Face, Concrete Block	27.02	
		For Stacked Bond, Add	*5.41*	
		For Scored Block, Add	*1.24*	
		For Curved Wall Application, Add	*4.16*	
		For <10, Small Area Replacements (Individual Areas), Add	*31.67*	

04 22 23 26 Sound-Absorbing Concrete Unit Masonry *(04 22 23)*

04 22 23 26-0001 Slotted, Acoustical Concrete Block *(04 22 23 26)*

04 22 23 26-0002	SF	4" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	24.10	
		For Stacked Bond, Add	*3.52*	
		For Curved Wall Application, Add	*2.70*	
		For <10, Small Area Replacements (Individual Areas), Add	*21.07*	
04 22 23 26-0003	SF	6" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	27.10	
		For Stacked Bond, Add	*3.82*	
		For Curved Wall Application, Add	*2.94*	
		For <10, Small Area Replacements (Individual Areas), Add	*22.97*	
04 22 23 26-0004	SF	8" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	31.36	
		For Stacked Bond, Add	*4.18*	
		For Curved Wall Application, Add	*3.21*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.25*	

04 22 23 29 Split-Face Concrete Unit Masonry *(04 22 23)*

04 22 23 29-0001 Split Face, Concrete Blocks *(04 22 23 29)*

04 22 23 29-0002 Plain Or Scored, Split Face, Concrete Blocks *(04 22 23 29-0001)*

04 22 23 29-0003	SF	4" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	17.81	
		For Stacked Bond, Add	*3.52*	
		For Curved Wall Application, Add	*2.70*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.60*	
04 22 23 29-0004	SF	6" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	20.12	
		For Stacked Bond, Add	*3.96*	
		For Curved Wall Application, Add	*3.04*	
		For <10, Small Area Replacements (Individual Areas), Add	*23.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 29-0005	SF	8" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	21.84	
		For Stacked Bond, Add	*4.18*	
		For Curved Wall Application, Add	*3.21*	
		For <10, Small Area Replacements (Individual Areas), Add	*24.54*	
04 22 23 29-0006	SF	10" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	23.45	
		For Stacked Bond, Add	*4.43*	
		For Curved Wall Application, Add	*3.41*	
		For <10, Small Area Replacements (Individual Areas), Add	*26.04*	
04 22 23 29-0007	SF	12" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	27.45	
		For Stacked Bond, Add	*5.41*	
		For Curved Wall Application, Add	*4.16*	
		For <10, Small Area Replacements (Individual Areas), Add	*31.70*	

04 22 23 29-0008 Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Blocks *(04 22 23 29-0001)*

04 22 23 29-0009	SF	4" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	18.88	
		For Stacked Bond, Add	*3.52*	
		For Grout And Fill With 2 #5 Rebar, Add	*12.12*	
		For Curved Wall Application, Add	*2.70*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.68*	
04 22 23 29-0010	SF	6" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	21.34	
		For Stacked Bond, Add	*3.96*	
		For Grout And Fill With 2 #5 Rebar, Add	*13.73*	
		For Curved Wall Application, Add	*3.04*	
		For <10, Small Area Replacements (Individual Areas), Add	*23.29*	
04 22 23 29-0011	SF	8" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	23.28	
		For Stacked Bond, Add	*4.18*	
		For Grout And Fill With 2 #5 Rebar, Add	*15.25*	
		For Curved Wall Application, Add	*3.21*	
		For <10, Small Area Replacements (Individual Areas), Add	*24.65*	
04 22 23 29-0012	SF	10" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	25.06	
		For Stacked Bond, Add	*4.43*	
		For Grout And Fill With 2 #5 Rebar, Add	*16.54*	
		For Curved Wall Application, Add	*3.41*	
		For <10, Small Area Replacements (Individual Areas), Add	*26.16*	
04 22 23 29-0013	SF	12" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	29.11	
		For Stacked Bond, Add	*5.41*	
		For Grout And Fill With 2 #5 Rebar, Add	*18.71*	
		For Curved Wall Application, Add	*4.16*	
		For <10, Small Area Replacements (Individual Areas), Add	*31.82*	

04 22 23 29-0014 Split Rib, Concrete Block *(04 22 23 29)*

04 22 23 29-0015 Split Rib, Concrete Block *(04 22 23 29-0014)*

04 22 23 29-0016	SF	4" x 8" x 16", Split Rib, Concrete Block	17.47	
		For Stacked Bond, Add	*3.52*	
		For Curved Wall Application, Add	*2.70*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.58*	
04 22 23 29-0017	SF	6" x 8" x 16", Split Rib, Concrete Block	20.91	
		For Stacked Bond, Add	*3.96*	
		For Curved Wall Application, Add	*3.04*	
		For <10, Small Area Replacements (Individual Areas), Add	*23.26*	
04 22 23 29-0018	SF	8" x 8" x 16", Split Rib, Concrete Block	22.26	
		For Stacked Bond, Add	*4.18*	
		For Curved Wall Application, Add	*3.21*	
		For <10, Small Area Replacements (Individual Areas), Add	*24.57*	
04 22 23 29-0019	SF	10" x 8" x 16", Split Rib, Concrete Block	23.79	
		For Stacked Bond, Add	*4.43*	
		For Curved Wall Application, Add	*3.41*	
		For <10, Small Area Replacements (Individual Areas), Add	*26.07*	
04 22 23 29-0020	SF	12" x 8" x 16", Split Rib, Concrete Block	28.20	
		For Stacked Bond, Add	*5.41*	
		For Curved Wall Application, Add	*4.16*	
		For <10, Small Area Replacements (Individual Areas), Add	*31.76*	

04 22 23 31 Glazed Concrete Masonry Unit *(04 22 23)*

04 22 23 31-0001 One Glazed Face, Concrete Blocks *(04 22 23 31)*

04 22 23 31-0002 One Glazed Face, Concrete Blocks *(04 22 23 31-0001)*

04 22 23 31-0003	SF	4" x 8" x 16", One Glazed Face, Concrete Block	32.08	
		For Stacked Bond, Add	*3.41*	
		For Curved Wall Application, Add	*2.62*	
		For <10, Small Area Replacements (Individual Areas), Add	*21.09*	
04 22 23 31-0004	SF	6" x 8" x 16", One Glazed Face, Concrete Block	34.30	
		For Stacked Bond, Add	*3.75*	
		For Curved Wall Application, Add	*2.89*	
		For <10, Small Area Replacements (Individual Areas), Add	*23.15*	
04 22 23 31-0005	SF	8" x 8" x 16", One Glazed Face, Concrete Block	36.34	
		For Stacked Bond, Add	*3.96*	
		For Curved Wall Application, Add	*3.04*	
		For <10, Small Area Replacements (Individual Areas), Add	*24.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 31-0006	SF	10" x 8" x 16", One Glazed Face, Concrete Block	38.48	
		For Stacked Bond, Add	*4.18*	
		For Curved Wall Application, Add	*3.21*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.79*	
04 22 23 31-0007	SF	12" x 8" x 16", One Glazed Face, Concrete Block	43.09	
		For Stacked Bond, Add	*5.09*	
		For Curved Wall Application, Add	*3.92*	
		For <10, Small Area Replacements (Individual Areas), Add	*31.13*	

04 22 23 31-0008 Two Glazed Faces, Concrete Blocks *(04 22 23 31)*

04 22 23 31-0009 Two Glazed Faces, Concrete Blocks *(04 22 23 31-0008)*

04 22 23 31-0010	SF	4" x 8" x 16", Two Glazed Faces, Concrete Block	43.12	
		For Stacked Bond, Add	*3.89*	
		For Curved Wall Application, Add	*2.99*	
		For <10, Small Area Replacements (Individual Areas), Add	*24.54*	
04 22 23 31-0011	SF	6" x 8" x 16", Two Glazed Faces, Concrete Block	45.17	
		For Stacked Bond, Add	*4.18*	
		For Curved Wall Application, Add	*3.21*	
		For <10, Small Area Replacements (Individual Areas), Add	*26.29*	
04 22 23 31-0012	SF	8" x 8" x 16", Two Glazed Faces, Concrete Block	48.11	
		For Stacked Bond, Add	*4.62*	
		For Curved Wall Application, Add	*3.55*	
		For <10, Small Area Replacements (Individual Areas), Add	*28.90*	

04 23 Glass Unit Masonry *(04 20)*

04 23 13 Vertical Glass Unit Masonry *(04 23)*

Note: Includes 1/4" mortar joints and caulking. Excludes joint reinforcement and anchors.

04 23 13 00-0001 Glass Block Unit Masonry *(04 23 13)*

04 23 13 00-0002	SF	6" x 6" x 4" Plain Glass Block	93.15	
		For Solar Reflective (Suntrol) Blocks, Add	*20.53*	
		For Essex (Horizontal Striated) Blocks, Add	*11.73*	
		For Sculptured Or Patterned Blocks, Add	*20.53*	
		For Colored Glass, Add	*58.67*	
		For Thinline Block, Deduct	*-14.67*	
		For >1,000 To 5,000, Deduct	*-6.37*	
		For >5,000, Deduct	*-11.02*	
04 23 13 00-0003	SF	8" x 8" x 4" Plain Glass Block	66.88	
		For Solar Reflective (Suntrol) Blocks, Add	*14.54*	
		For Essex (Horizontal Striated) Blocks, Add	*8.31*	
		For Sculptured Or Patterned Blocks, Add	*14.54*	
		For Colored Glass, Add	*41.53*	
		For Thinline Block, Deduct	*-10.38*	
		For >1,000 To 5,000, Deduct	*-4.60*	
		For >5,000, Deduct	*-7.94*	
04 23 13 00-0004	SF	12" x 12" x 4" Plain Glass Block	76.39	
		For Solar Reflective (Suntrol) Blocks, Add	*18.57*	
		For Essex (Horizontal Striated) Blocks, Add	*10.61*	
		For Sculptured Or Patterned Blocks, Add	*18.57*	
		For Colored Glass, Add	*53.06*	
		For Thinline Block, Deduct	*-13.27*	
		For >1,000 To 5,000, Deduct	*-4.98*	
		For >5,000, Deduct	*-8.79*	

04 23 13 00-0005 Solid Glass Block (Vistabrik®) *(04 23 13)*

04 23 13 00-0006	SF	3" x 8" x 3" Solid Glass Block (Vistabrik®)	970.92	
04 23 13 00-0007	SF	4" x 8" x 3" Solid Glass Block (Vistabrik®)	733.78	
04 23 13 00-0008	SF	6" x 8" x 3" Solid Glass Block (Vistabrik®)	499.48	
04 23 13 00-0009	SF	8" x 8" x 3" Solid Glass Block (Vistabrik®)	349.28	

04 40 Stone Assemblies *(04)*

Note: Includes pointing and cleaning of new stone and mortar. All stone prices include material and mortar.

04 41 Dry-Placed Stone *(04 40)*

04 41 00 00-0001 Ashlar Veneer, Random Size, Square Cut Rough Stone *(04 41)*

04 41 00 00-0002	SF	4" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone	27.35	8.17
04 41 00 00-0003	SF	6" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone	27.82	8.17

04 42 Exterior Stone Cladding *(04 40)*

04 42 43 Stone Panels for Curtain Walls *(04 42)*

04 42 43 00-0001 Marble Facing Panels *(04 42 43)*

Note: 3' x 1.5'

04 42 43 00-0002	SF	3/4" Thick Marble Facing Panels	61.34	18.69
04 42 43 00-0003	SF	7/8" Thick Marble Facing Panels	64.05	18.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 42 43 00-0004	SF	1-1/2" Thick Marble Facing Panels	71.95	19.29
04 42 43 00-0005	SF	2" Thick Marble Facing Panels	78.00	19.89
04 42 43 00-0006	SF	2-1/4" Thick Marble Facing Panels	83.03	21.10
04 42 43 00-0007	CF	Marble Face Panel	333.47	68.74
04 42 43 00-0008		Smooth Limestone Panels *(04 42 43)*		
		Note: Up to 12' x 5' panels.		
04 42 43 00-0009	SF	1-1/2" Thick Smooth Limestone Panels	63.09	37.50
04 42 43 00-0010	SF	2" Thick Smooth Limestone Panels	66.83	39.31
04 42 43 00-0011	SF	3" Thick Smooth Limestone Panels	70.74	41.12
04 42 43 00-0012	SF	4" Thick Smooth Limestone Panels	81.53	45.22
04 42 43 00-0013		Sandstone Panels *(04 42 43)*		
04 42 43 00-0014	SF	2-1/2" Thick Sandstone Panels	71.68	39.31
04 42 43 00-0015	SF	4" Thick Sandstone Panels	79.07	45.22
04 42 43 00-0016	SF	Split Face Sandstone Panels, Random Sizes	73.31	45.22
04 43		**Stone Masonry** *(04 40)*		
04 43 16		**Stone Fabrications** *(04 43)*		
04 43 16 00-0001		Marble *(04 43 16)*		
04 43 16 00-0002		Marble Base *(04 43 16 00-0001)*		
		Note: 1" thick.		
04 43 16 00-0003	LF	4" High Marble Base	108.97	73.76
04 43 16 00-0004	LF	6" High Marble Base	121.80	80.34
04 43 16 00-0005		Marble Columns *(04 43 16 00-0001)*		
04 43 16 00-0006	CF	Plain Faced Solid Marble Columns	247.48	68.74
04 43 16 00-0007	CF	Fluted, Carved Solid Marble Columns	373.82	68.74
04 43 16 00-0008		Marble Flooring *(04 43 16 00-0001)*		
04 43 16 00-0009	SF	3/8" Uniform Color Marble Flooring	28.49	16.89
04 43 16 00-0010	SF	1/2" Uniform Color Marble Flooring	29.89	16.89
04 43 16 00-0011	SF	1/2" Travertine Marble Flooring	35.33	19.28
04 43 16 00-0012		Marble Items *(04 43 16 00-0001)*		
04 43 16 00-0013	LF	12" Wide Marble Stair Treads	65.73	26.58
04 43 16 00-0014	LF	6" Wide Marble Stair Risers	50.61	21.31
04 43 16 00-0015	LF	6" Wide x 2" Thick Marble Window Sills	31.99	15.79
04 43 16 00-0016	LF	5" Wide x 7/8" Thick Marble Window Stool, Polished	55.96	19.38
04 43 16 00-0017	SF	7/8" Thick, Non-Skid, Marble Patio Blocks	39.11	24.48
04 43 16 00-0018		Limestone *(04 43 16)*		
04 43 16 00-0019		Ashlar Veneer Limestone *(04 43 16 00-0018)*		
04 43 16 00-0020	SF	4" Ashlar Veneer Limestone, Random Sizes	61.32	26.58
04 43 16 00-0021	SF	6" To 8" Thick, Pitched Face Ashlar Veneer Limestone, Random Sizes	92.53	36.51
04 43 16 00-0022		Limestone Coping *(04 43 16 00-0018)*		
		Note: Measured from the highest point. Includes drilling into existing materials, caulk and ties.		
04 43 16 00-0023	SF	2-1/2" Thick Limestone Coping	30.40	9.65
04 43 16 00-0024	SF	3" Thick Limestone Coping	33.83	10.25
04 43 16 00-0025	SF	3-1/2" Thick Limestone Coping	37.25	10.86
04 43 16 00-0026	SF	4" Thick Limestone Coping	39.47	11.22
04 43 16 00-0027	SF	5" Thick Limestone Coping	45.12	11.45
04 43 16 00-0028	SF	6" Thick Limestone Coping	63.84	12.05
04 43 16 00-0029	CF	>6" Thick Limestone Coping	104.28	23.98
04 43 16 00-0030		Limestone Stair Treads *(04 43 16 00-0018)*		
04 43 16 00-0031	SF	2" Thick Limestone Treads	37.23	9.05
04 43 16 00-0032	SF	2-1/2" Thick Limestone Treads	39.49	9.65
04 43 16 00-0033	SF	3" Thick Limestone Treads	44.01	10.25
04 43 16 00-0034	SF	3-1/2" Thick Limestone Treads	47.33	10.86
04 43 16 00-0035	SF	4" Thick Limestone Treads	50.64	10.86
04 43 16 00-0036	SF	5" Thick Limestone Treads	54.86	11.45
04 43 16 00-0037	SF	6" Thick Limestone Tread, Smooth Finish	73.90	12.05
04 43 16 00-0038		Limestone Items *(04 43 16 00-0018)*		
04 43 16 00-0039	CF	Sawn Edge Limestone Block, Sill, Lintel, Jamb And Other Trim	188.65	89.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 43 16 00-0040		**Granite** *(04 43 16)*		
04 43 16 00-0041		**Polished Granite Veneer Facing Panels** *(04 43 16 00-0040)* Note: Excludes structural support steel.		
04 43 16 00-0042	SF	7/8" Thick Black Polished Granite Veneer Facing Panels	123.37	37.74
04 43 16 00-0043	SF	7/8" Thick Gray Polished Granite Veneer Facing Panels	111.81	37.74
04 43 16 00-0044		**Granite Stair Treads** *(04 43 16 00-0040)*		
04 43 16 00-0045	SF	2" Thick Granite Stair Tread	72.36	9.05
04 43 16 00-0046		**Slate** *(04 43 16)*		
04 43 16 00-0047		**Slate Panels Or Sills** *(04 43 16 00-0046)*		
04 43 16 00-0048	SF	1" Thick Slate Panels	64.89	37.74
04 43 16 00-0049	SF	2" Thick Slate Panels	74.36	37.74
04 43 16 00-0050		**Slate Sills Or Stools** *(04 43 16 00-0046)*		
04 43 16 00-0051	LF	6" Wide, 1" Thick Slate Sills Or Stools With Sand Finish	28.92	15.89
04 43 16 00-0052	LF	10" Wide, 1" Thick Slate Sills Or Stools With Sand Finish	34.94	15.89
04 43 16 00-0053	LF	6" Wide, 2" Thick Slate Sills Or Stools With Sand Finish	34.09	15.89
04 43 16 00-0054	LF	10" Wide, 2" Thick Slate Sills Or Stools With Sand Finish	47.01	15.89
04 43 16 00-0055		**Slate Stair Treads** *(04 43 16 00-0046)*		
04 43 16 00-0056	SF	2" Thick Slate Stair Tread	43.08	9.05

04 70 Manufactured Masonry *(04)*

04 72 Cast Stone Masonry *(04 70)*

04 72 00 00-0001		**Precast Concrete Lintels** *(04 72)*		
04 72 00 00-0002		**Solid Precast Concrete Lintels** *(04 72 00 00-0001)*		
04 72 00 00-0003	LF	4" x 8", Solid Precast Concrete Lintel	18.63	
04 72 00 00-0004	LF	6" x 8", Solid Precast Concrete Lintel	23.87	
04 72 00 00-0005	LF	8" x 8", Solid Precast Concrete Lintel	29.55	
04 72 00 00-0006		**U Shaped Precast Concrete Lintels** *(04 72 00 00-0001)* Note: Excludes concrete fill and field added reinforcing. See CSI section 04 05 16 26-0001 for concrete fill.		
04 72 00 00-0007	LF	6" x 8", U Shaped Precast Concrete Lintel	19.98	
04 72 00 00-0008	LF	8" x 8", U Shaped Precast Concrete Lintel	24.28	
04 72 00 00-0009	LF	12" x 8", U Shaped Precast Concrete Lintel	40.26	
04 72 00 00-0010		**Precast Concrete Coping** *(04 72)* Note: Includes caulk and ties. Excludes drilling into existing materials or other anchoring bolts.		
04 72 00 00-0011		**Precast Concrete Coping** *(04 72 00 00-0010)* Note: Measured at highest point.		
04 72 00 00-0012	SF	2" Thick Precast Concrete Coping	58.22	13.00
04 72 00 00-0013	SF	2-1/2" Thick Precast Concrete Coping	65.85	13.99
04 72 00 00-0014	SF	3" Thick Precast Concrete Coping	76.15	14.99
04 72 00 00-0015	SF	3-1/2" Thick Precast Concrete Coping	82.07	15.99
04 72 00 00-0016	SF	4" Thick Precast Concrete Coping	88.05	16.99
04 72 00 00-0017	SF	5" Thick Precast Concrete Coping	104.89	17.99
04 72 00 00-0018	SF	6" Thick Precast Concrete Coping	119.88	18.99
04 72 00 00-0019		**Precast Concrete Window Sills** *(04 72)* Note: Includes caulk and ties.		
04 72 00 00-0020		**Precast Concrete Window Sills** *(04 72 00 00-0019)*		
04 72 00 00-0021	LF	6" Wide Precast Concrete Window Sill	42.76	9.99
04 72 00 00-0022	LF	10" Wide Precast Concrete Window Sill	64.60	9.99
04 72 00 00-0023	LF	14" Wide Precast Concrete Window Sill	76.50	9.99

END OF SECTION 04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 Metals

05 01 Maintenance of Metals *(05)*

05 01 50 Maintenance of Metal Fabrications *(05 01)*

05 01 50 51 Cleaning of Metal Fabrications *(05 01 50)*
See CSI section 09 01 90 52-0016 for cleaning of metal surfaces.

05 01 50 61 Repair of Metal Fabrications *(05 01 50)*
See CSI section 05 05 21 00-0001 for welding, 05 05 23 00-1580 for torch cutting.

05 01 50 63 Refinishing of Metal Fabrications *(05 01 50)*
See CSI section 05 12 23 00-0101 for field applied cold galvanizing, 05 12 23 00-0103 for metal grinding.

05 01 70 Maintenance of Decorative Metal *(05 01)*

05 01 70 51 Cleaning of Decorative Metal *(05 01 70)*
See CSI section 09 01 90 52-0016 for cleaning of metal surfaces.

05 01 70 61 Repair of Decorative Metal *(05 01 70)*
See CSI section 05 05 21 00-0001 for welding, 05 05 23 00-1580 for torch cutting.

05 01 70 63 Refinishing of Decorative Metal *(05 01 70)*
See CSI section 05 12 23 00-0101 for field applied cold galvanizing, 05 12 23 00-0103 for metal grinding.

05 05 Common Work Results for Metals *(05)*

05 05 19 Post-Installed Concrete Anchors *(05 05)*

See CSI section 03 15 19 00-0000 for cast-in concrete anchors.

05 05 19 00-0001 Concrete And Masonry Anchors *(05 05 19)*

05 05 19 00-0002 Expansion Anchors *(05 05 19 00-0001)*
Note: Includes drilling.

05 05 19 00-0003 Wedge Expansion Bolt Anchors *(05 05 19 00-0002)*

05 05 19 00-0004 Zinc Plated Steel, Wedge Anchor Expansion Bolt *(05 05 19 00-0003)*
Note: Includes nut and washer.

05 05 19 00-0005	EA	1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	11.94	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.15*	
		For >100, Deduct	*-2.30*	
05 05 19 00-0006	EA	1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	12.03	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.15*	
		For >100, Deduct	*-2.30*	
05 05 19 00-0007	EA	1/4" Diameter x 3-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	12.40	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.18*	
		For >100, Deduct	*-2.37*	
05 05 19 00-0008	EA	3/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	14.64	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.40*	
		For >100, Deduct	*-2.80*	
05 05 19 00-0009	EA	3/8" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	14.71	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.40*	
		For >100, Deduct	*-2.81*	
05 05 19 00-0010	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	14.73	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.40*	
		For >100, Deduct	*-2.81*	
05 05 19 00-0011	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	15.00	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.41*	
		For >100, Deduct	*-2.82*	
05 05 19 00-0012	EA	1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	21.14	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.00*	
		For >100, Deduct	*-4.00*	
05 05 19 00-0013	EA	1/2" Diameter x 3-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	21.19	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.00*	
		For >100, Deduct	*-4.01*	
05 05 19 00-0014	EA	1/2" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	21.30	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.01*	
		For >100, Deduct	*-4.01*	
05 05 19 00-0015	EA	1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	21.60	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.01*	
		For >100, Deduct	*-4.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0016	EA	1/2" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	22.01	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.02*	
		For >100, Deduct	*-4.05*	
05 05 19 00-0017	EA	5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	27.26	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-2.50*	
		For >100, Deduct	*-5.00*	
05 05 19 00-0018	EA	5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	27.35	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-2.50*	
		For >100, Deduct	*-5.00*	
05 05 19 00-0019	EA	5/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	27.54	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-2.51*	
		For >100, Deduct	*-5.01*	
05 05 19 00-0020	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	27.90	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-2.52*	
		For >100, Deduct	*-5.03*	
05 05 19 00-0021	EA	5/8" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	28.26	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-2.52*	
		For >100, Deduct	*-5.05*	
05 05 19 00-0022	EA	5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	31.14	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-2.60*	
		For >100, Deduct	*-5.19*	
05 05 19 00-0023	EA	5/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	33.61	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-2.66*	
		For >100, Deduct	*-5.32*	
05 05 19 00-0024	EA	3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	32.83	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-2.98*	
		For >100, Deduct	*-5.97*	
05 05 19 00-0025	EA	3/4" Diameter x 4-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	32.91	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-2.99*	
		For >100, Deduct	*-5.97*	
05 05 19 00-0026	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	33.35	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-3.00*	
		For >100, Deduct	*-5.99*	
05 05 19 00-0027	EA	3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	33.88	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-3.01*	
		For >100, Deduct	*-6.02*	
05 05 19 00-0028	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	34.48	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-3.03*	
		For >100, Deduct	*-6.05*	
05 05 19 00-0029	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	36.80	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-3.08*	
		For >100, Deduct	*-6.17*	
05 05 19 00-0030	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	39.86	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-3.16*	
		For >100, Deduct	*-6.32*	
05 05 19 00-0031	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	43.32	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-3.25*	
		For >100, Deduct	*-6.49*	
05 05 19 00-0032	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	42.71	
		For >10 To 50, Deduct	*-1.57*	
		For >50 To 100, Deduct	*-3.42*	
		For >100, Deduct	*-6.83*	
05 05 19 00-0033	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	44.53	
		For >10 To 50, Deduct	*-1.57*	
		For >50 To 100, Deduct	*-3.46*	
		For >100, Deduct	*-6.92*	
05 05 19 00-0034	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	46.94	
		For >10 To 50, Deduct	*-1.57*	
		For >50 To 100, Deduct	*-3.52*	
		For >100, Deduct	*-7.04*	
05 05 19 00-0035	EA	1" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	53.19	
		For >10 To 50, Deduct	*-2.03*	
		For >50 To 100, Deduct	*-4.37*	
		For >100, Deduct	*-8.73*	
05 05 19 00-0036	EA	1" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	56.61	
		For >10 To 50, Deduct	*-2.03*	
		For >50 To 100, Deduct	*-4.45*	
		For >100, Deduct	*-8.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0037	EA	1" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	60.01	
		For >10 To 50, Deduct	*-2.03*	
		For >50 To 100, Deduct	*-4.54*	
		For >100, Deduct	*-9.08*	
05 05 19 00-0038	EA	1-1/4" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	69.12	
		For >10 To 50, Deduct	*-2.59*	
		For >50 To 100, Deduct	*-5.62*	
		For >100, Deduct	*-11.23*	
05 05 19 00-0039	EA	1-1/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	71.57	
		For >10 To 50, Deduct	*-2.59*	
		For >50 To 100, Deduct	*-5.68*	
		For >100, Deduct	*-11.36*	

05 05 19 00-0040 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt *(05 05 19 00-0003)*

Note: Includes nut and washer.

05 05 19 00-0041	EA	1/4" Diameter x 1-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	13.76	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.20*	
		For >100, Deduct	*-2.39*	
05 05 19 00-0042	EA	1/4" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	14.32	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.21*	
		For >100, Deduct	*-2.42*	
05 05 19 00-0043	EA	1/4" Diameter x 3-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	14.98	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.25*	
		For >100, Deduct	*-2.50*	
05 05 19 00-0044	EA	3/8" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	17.87	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.48*	
		For >100, Deduct	*-2.97*	
05 05 19 00-0045	EA	3/8" Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	18.35	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.49*	
		For >100, Deduct	*-2.99*	
05 05 19 00-0046	EA	3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	18.70	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.50*	
		For >100, Deduct	*-3.01*	
05 05 19 00-0047	EA	3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	21.32	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.57*	
		For >100, Deduct	*-3.14*	
05 05 19 00-0048	EA	1/2" Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	28.14	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.18*	
		For >100, Deduct	*-4.35*	
05 05 19 00-0049	EA	1/2" Diameter x 3-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	29.04	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.20*	
		For >100, Deduct	*-4.40*	
05 05 19 00-0050	EA	1/2" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	29.57	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.21*	
		For >100, Deduct	*-4.42*	
05 05 19 00-0051	EA	1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	31.96	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.27*	
		For >100, Deduct	*-4.54*	
05 05 19 00-0052	EA	1/2" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	35.55	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.36*	
		For >100, Deduct	*-4.72*	
05 05 19 00-0053	EA	5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	41.47	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-2.85*	
		For >100, Deduct	*-5.71*	
05 05 19 00-0054	EA	5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	43.80	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-2.91*	
		For >100, Deduct	*-5.83*	
05 05 19 00-0055	EA	5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	46.33	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-2.98*	
		For >100, Deduct	*-5.95*	
05 05 19 00-0056	EA	5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	49.69	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-3.06*	
		For >100, Deduct	*-6.12*	
05 05 19 00-0057	EA	5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	64.45	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-3.43*	
		For >100, Deduct	*-6.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0058	EA	3/4" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	49.52	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-3.40*	
		For >100, Deduct	*-6.80*	
05 05 19 00-0059	EA	3/4" Diameter x 4-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	54.27	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-3.52*	
		For >100, Deduct	*-7.04*	
05 05 19 00-0060	EA	3/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	58.33	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-3.62*	
		For >100, Deduct	*-7.24*	
05 05 19 00-0061	EA	3/4" Diameter x 6-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	58.83	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-3.63*	
		For >100, Deduct	*-7.27*	
05 05 19 00-0062	EA	3/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	62.63	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-3.73*	
		For >100, Deduct	*-7.46*	
05 05 19 00-0063	EA	3/4" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	72.53	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-3.98*	
		For >100, Deduct	*-7.95*	
05 05 19 00-0064	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	86.47	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-4.33*	
		For >100, Deduct	*-8.65*	
05 05 19 00-0065	EA	7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	86.34	
		For >10 To 50, Deduct	*-1.57*	
		For >50 To 100, Deduct	*-4.51*	
		For >100, Deduct	*-9.01*	
05 05 19 00-0066	EA	1" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	126.82	
		For >10 To 50, Deduct	*-2.03*	
		For >50 To 100, Deduct	*-6.21*	
		For >100, Deduct	*-12.42*	
05 05 19 00-0067	EA	1" Diameter x 9" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	147.44	
		For >10 To 50, Deduct	*-2.03*	
		For >50 To 100, Deduct	*-6.72*	
		For >100, Deduct	*-13.45*	

05 05 19 00-0068 316 Stainless Steel, Wedge Anchor Expansion Bolt *(05 05 19 00-0003)*

Note: Includes nut and washer.

05 05 19 00-0069	EA	1/4" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	14.25	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.21*	
		For >100, Deduct	*-2.42*	
05 05 19 00-0070	EA	1/4" Diameter x 3-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	15.19	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.25*	
		For >100, Deduct	*-2.51*	
05 05 19 00-0071	EA	3/8" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	19.43	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.52*	
		For >100, Deduct	*-3.04*	
05 05 19 00-0072	EA	3/8" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	20.26	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.54*	
		For >100, Deduct	*-3.08*	
05 05 19 00-0073	EA	3/8" Diameter x 3" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	20.47	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.55*	
		For >100, Deduct	*-3.10*	
05 05 19 00-0074	EA	3/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	24.43	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.65*	
		For >100, Deduct	*-3.29*	
05 05 19 00-0075	EA	1/2" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	31.92	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.27*	
		For >100, Deduct	*-4.54*	
05 05 19 00-0076	EA	1/2" Diameter x 3-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	34.22	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.33*	
		For >100, Deduct	*-4.66*	
05 05 19 00-0077	EA	1/2" Diameter x 4-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	38.39	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.43*	
		For >100, Deduct	*-4.87*	
05 05 19 00-0078	EA	1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	39.43	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.46*	
		For >100, Deduct	*-4.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0079	EA	5/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	54.25	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-3.17*	
		For >100, Deduct	*-6.35*	
05 05 19 00-0080	EA	5/8" Diameter x 7" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	55.50	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-3.21*	
		For >100, Deduct	*-6.41*	
05 05 19 00-0081	EA	3/4" Diameter x 4-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	67.40	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-3.85*	
		For >100, Deduct	*-7.70*	
05 05 19 00-0082	EA	3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	72.62	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-3.98*	
		For >100, Deduct	*-7.96*	

05 05 19 00-0083 Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt *(05 05 19 00-0003)*

Note: Includes nut and washer.

05 05 19 00-0084	EA	1/2" Diameter x 2-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	25.60	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.11*	
		For >100, Deduct	*-4.23*	
05 05 19 00-0085	EA	1/2" Diameter x 4-1/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	27.17	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.15*	
		For >100, Deduct	*-4.30*	
05 05 19 00-0086	EA	1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	28.74	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.19*	
		For >100, Deduct	*-4.38*	
05 05 19 00-0087	EA	1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	29.52	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.21*	
		For >100, Deduct	*-4.42*	
05 05 19 00-0088	EA	5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	35.54	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-2.71*	
		For >100, Deduct	*-5.41*	
05 05 19 00-0089	EA	5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	33.65	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-2.66*	
		For >100, Deduct	*-5.32*	
05 05 19 00-0090	EA	3/4" Diameter x 4-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	46.42	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-3.32*	
		For >100, Deduct	*-6.65*	
05 05 19 00-0091	EA	3/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	48.15	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-3.37*	
		For >100, Deduct	*-6.73*	
05 05 19 00-0092	EA	3/4" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	56.65	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-3.58*	
		For >100, Deduct	*-7.16*	
05 05 19 00-0093	EA	1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	58.59	
		For >10 To 50, Deduct	*-2.03*	
		For >50 To 100, Deduct	*-4.50*	
		For >100, Deduct	*-9.00*	
05 05 19 00-0094	EA	1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	63.47	
		For >10 To 50, Deduct	*-2.03*	
		For >50 To 100, Deduct	*-4.62*	
		For >100, Deduct	*-9.25*	
05 05 19 00-0095	EA	1" Diameter x 12" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	68.31	
		For >10 To 50, Deduct	*-2.03*	
		For >50 To 100, Deduct	*-4.75*	
		For >100, Deduct	*-9.49*	

05 05 19 00-0096 Concrete Sleeve Anchors *(05 05 19 00-0002)*

05 05 19 00-0097 Zinc Plated Steel, Concrete Sleeve Anchors *(05 05 19 00-0096)*

Note: Includes nut and washer.

05 05 19 00-0098	EA	1/4" Diameter x 5/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.03	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.17*	
		For >100, Deduct	*-2.34*	
05 05 19 00-0099	EA	1/4" Diameter x 1-3/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.16	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.17*	
		For >100, Deduct	*-2.35*	
05 05 19 00-0100	EA	1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.32	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.18*	
		For >100, Deduct	*-2.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0101	EA	5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.67	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.23*	
		For >100, Deduct	*-2.46*	
05 05 19 00-0102	EA	5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.79	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.23*	
		For >100, Deduct	*-2.47*	
05 05 19 00-0103	EA	3/8" Diameter x 1-7/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	14.36	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.39*	
		For >100, Deduct	*-2.79*	
05 05 19 00-0104	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	14.58	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.40*	
		For >100, Deduct	*-2.80*	
05 05 19 00-0105	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	14.79	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.40*	
		For >100, Deduct	*-2.81*	
05 05 19 00-0106	EA	1/2" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	20.64	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-1.99*	
		For >100, Deduct	*-3.97*	
05 05 19 00-0107	EA	1/2" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	20.91	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-1.99*	
		For >100, Deduct	*-3.99*	
05 05 19 00-0108	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	21.15	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.00*	
		For >100, Deduct	*-4.00*	
05 05 19 00-0109	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor	21.44	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.01*	
		For >100, Deduct	*-4.01*	
05 05 19 00-0110	EA	5/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	25.82	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-2.46*	
		For >100, Deduct	*-4.93*	
05 05 19 00-0111	EA	5/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	26.24	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-2.47*	
		For >100, Deduct	*-4.95*	
05 05 19 00-0112	EA	5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	26.56	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-2.48*	
		For >100, Deduct	*-4.96*	
05 05 19 00-0113	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor	27.46	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-2.50*	
		For >100, Deduct	*-5.01*	
05 05 19 00-0114	EA	3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	31.49	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-2.95*	
		For >100, Deduct	*-5.90*	
05 05 19 00-0115	EA	3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	32.27	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-2.97*	
		For >100, Deduct	*-5.94*	
05 05 19 00-0116	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	32.97	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-2.99*	
		For >100, Deduct	*-5.97*	
05 05 19 00-0117	EA	3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	34.10	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-3.02*	
		For >100, Deduct	*-6.03*	

05 05 19 00-0118 304/18-8 Stainless Steel, Concrete Sleeve Anchors *(05 05 19 00-0096)*

Note: Includes nut and washer.

05 05 19 00-0119	EA	1/4" Diameter x 1-3/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	14.59	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.23*	
		For >100, Deduct	*-2.47*	
05 05 19 00-0120	EA	3/8" Diameter x 1-7/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	19.40	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.52*	
		For >100, Deduct	*-3.04*	
05 05 19 00-0121	EA	3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	21.62	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.58*	
		For >100, Deduct	*-3.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0122	EA	1/2" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	29.11	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.20*	
		For >100, Deduct	*-4.40*	
05 05 19 00-0123	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	33.11	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.30*	
		For >100, Deduct	*-4.60*	
05 05 19 00-0124	EA	5/8" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	45.95	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-2.97*	
		For >100, Deduct	*-5.93*	

05 05 19 00-0125 Concrete Strike Anchors *(05 05 19 00-0002)*

Note: Includes nut and washer.

05 05 19 00-0126	EA	1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	12.67	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.19*	
		For >100, Deduct	*-2.37*	
05 05 19 00-0127	EA	1/4" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor	12.89	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.19*	
		For >100, Deduct	*-2.38*	
05 05 19 00-0128	EA	5/16" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	13.46	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.25*	
		For >100, Deduct	*-2.50*	
05 05 19 00-0129	EA	5/16" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor	14.37	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.27*	
		For >100, Deduct	*-2.55*	
05 05 19 00-0130	EA	3/8" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor	15.35	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.42*	
		For >100, Deduct	*-2.84*	
05 05 19 00-0131	EA	3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor	16.04	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.44*	
		For >100, Deduct	*-2.87*	
05 05 19 00-0132	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor	16.57	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.45*	
		For >100, Deduct	*-2.90*	
05 05 19 00-0133	EA	1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	22.33	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.03*	
		For >100, Deduct	*-4.06*	
05 05 19 00-0134	EA	1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor	22.74	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.04*	
		For >100, Deduct	*-4.08*	
05 05 19 00-0135	EA	1/2" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	23.94	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.07*	
		For >100, Deduct	*-4.14*	
05 05 19 00-0136	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor	25.50	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.11*	
		For >100, Deduct	*-4.22*	
05 05 19 00-0137	EA	5/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor	29.42	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-2.55*	
		For >100, Deduct	*-5.11*	
05 05 19 00-0138	EA	5/8" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	30.85	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-2.59*	
		For >100, Deduct	*-5.18*	
05 05 19 00-0139	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor	32.12	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-2.62*	
		For >100, Deduct	*-5.24*	
05 05 19 00-0140	EA	3/4" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor	37.47	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-3.10*	
		For >100, Deduct	*-6.20*	
05 05 19 00-0141	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor	38.81	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-3.13*	
		For >100, Deduct	*-6.27*	

05 05 19 00-0142 Multi-Set Drop-In Anchors *(05 05 19 00-0002)*

05 05 19 00-0143 Zinc Plated Steel, Multi-Set Drop-In Anchors *(05 05 19 00-0142)*

Note: Excludes bolt, nut and washer.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0144	EA	1/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	16.72	
		For >10 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-1.63*	
		For >100, Deduct	*-3.26*	
05 05 19 00-0145	EA	3/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	20.44	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-1.99*	
		For >100, Deduct	*-3.98*	
05 05 19 00-0146	EA	1/2" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	24.82	
		For >10 To 50, Deduct	*-1.16*	
		For >50 To 100, Deduct	*-2.36*	
		For >100, Deduct	*-4.72*	
05 05 19 00-0147	EA	5/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	28.02	
		For >10 To 50, Deduct	*-1.28*	
		For >50 To 100, Deduct	*-2.61*	
		For >100, Deduct	*-5.23*	
05 05 19 00-0148	EA	3/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	33.35	
		For >10 To 50, Deduct	*-1.45*	
		For >50 To 100, Deduct	*-3.01*	
		For >100, Deduct	*-6.02*	

05 05 19 00-0149 304/18-8 Stainless Steel, Multi-Set Drop-In Anchors *(05 05 19 00-0142)*

Note: Excludes bolt, nut and washer.

05 05 19 00-0150	EA	1/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	21.77	
		For >10 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-1.76*	
		For >100, Deduct	*-3.51*	
05 05 19 00-0151	EA	3/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	29.75	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.22*	
		For >100, Deduct	*-4.44*	
05 05 19 00-0152	EA	1/2" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	37.51	
		For >10 To 50, Deduct	*-1.16*	
		For >50 To 100, Deduct	*-2.68*	
		For >100, Deduct	*-5.36*	
05 05 19 00-0153	EA	5/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	48.42	
		For >10 To 50, Deduct	*-1.28*	
		For >50 To 100, Deduct	*-3.12*	
		For >100, Deduct	*-6.25*	
05 05 19 00-0154	EA	3/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	68.41	
		For >10 To 50, Deduct	*-1.45*	
		For >50 To 100, Deduct	*-3.89*	
		For >100, Deduct	*-7.77*	

05 05 19 00-0155 Single Bolt Expansion Anchors *(05 05 19 00-0002)*

Note: Excludes bolt, nut and washer.

05 05 19 00-0156	EA	1/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	12.22	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.18*	
		For >100, Deduct	*-2.35*	
05 05 19 00-0157	EA	5/16" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	13.03	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.24*	
		For >100, Deduct	*-2.48*	
05 05 19 00-0158	EA	3/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	14.75	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.40*	
		For >100, Deduct	*-2.81*	
05 05 19 00-0159	EA	1/2" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	21.44	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.01*	
		For >100, Deduct	*-4.01*	
05 05 19 00-0160	EA	5/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	29.25	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-2.55*	
		For >100, Deduct	*-5.10*	
05 05 19 00-0161	EA	3/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	35.22	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-3.04*	
		For >100, Deduct	*-6.09*	

05 05 19 00-0162 Concrete Lag Shield Anchors *(05 05 19 00-0002)*

Note: Excludes lag bolt and washer.

05 05 19 00-0163	EA	1/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	12.66	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.19*	
		For >100, Deduct	*-2.37*	
05 05 19 00-0164	EA	5/16" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	15.07	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.41*	
		For >100, Deduct	*-2.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0165	EA	3/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	15.92	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.43*	
		For >100, Deduct	*-2.87*	
05 05 19 00-0166	EA	1/2" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	22.39	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.03*	
		For >100, Deduct	*-4.06*	
05 05 19 00-0167	EA	5/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	28.39	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-2.53*	
		For >100, Deduct	*-5.05*	
05 05 19 00-0168	EA	3/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	32.12	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-2.97*	
		For >100, Deduct	*-5.93*	

05 05 19 00-0169 Chemical And Adhesive Anchors *(05 05 19 00-0001)*

05 05 19 00-0170 Chemically Adhered Anchor Rods *(05 05 19 00-0169)*

Note: Includes drilling hole, injected adhesive or pre-placed adhesive cartridge, nut and washer. Zinc coated carbon steel.

05 05 19 00-0171	EA	1/4" x 1-9/16" Long Chemically Adhered Anchor Rod	15.31	
		For >10 To 50, Deduct	*-0.64*	
		For >50 To 100, Deduct	*-1.34*	
		For >100, Deduct	*-2.68*	
05 05 19 00-0172	EA	5/16" x 2-3/8" Long Chemically Adhered Anchor Rod	17.63	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.49*	
		For >100, Deduct	*-2.97*	
05 05 19 00-0173	EA	3/8" x 2-3/4" Long Chemically Adhered Anchor Rod	21.90	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-1.85*	
		For >100, Deduct	*-3.71*	
05 05 19 00-0174	EA	1/2" x 3-11/16" Long Chemically Adhered Anchor Rod	25.54	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.11*	
		For >100, Deduct	*-4.22*	
05 05 19 00-0175	EA	1/2" x 5-1/2" Long Chemically Adhered Anchor Rod	26.89	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.14*	
		For >100, Deduct	*-4.29*	
05 05 19 00-0176	EA	5/8" x 7" Long Chemically Adhered Anchor Rod	33.27	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-2.65*	
		For >100, Deduct	*-5.30*	
05 05 19 00-0177	EA	3/4" x 9-1/2" Long Chemically Adhered Anchor Rod	42.84	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-3.23*	
		For >100, Deduct	*-6.47*	
05 05 19 00-0178	EA	7/8" x 10" Long Chemically Adhered Anchor Rod	50.35	
		For >10 To 50, Deduct	*-1.56*	
		For >50 To 100, Deduct	*-3.60*	
		For >100, Deduct	*-7.20*	
05 05 19 00-0179	EA	1" x 11-3/4" Long Chemically Adhered Anchor Rod	68.51	
		For >10 To 50, Deduct	*-2.03*	
		For >50 To 100, Deduct	*-4.75*	
		For >100, Deduct	*-9.50*	
05 05 19 00-0180	EA	1-1/4" x 14" Long Chemically Adhered Anchor Rod	97.33	
		For >10 To 50, Deduct	*-2.55*	
		For >50 To 100, Deduct	*-6.26*	
		For >100, Deduct	*-12.53*	

05 05 19 00-0181 Chemical Adhesives For Bolts, Dowels Or Threaded Rod *(05 05 19 00-0169)*

Note: Injected or drop in cartridge. Sizes listed are for the diameter of the bolt, dowel or rod to be anchored. Includes drilling. Drill a hole 1/16" to 1/4" larger that the diameter of the thread and a depth a minimum of 4-1/2 times the diameter of the bolt. Excludes bolt, dowel or rod.

05 05 19 00-0182	EA	1/4" Chemical Adhesive For Bolt Or Threaded Rod	13.08	
		For >10 To 50, Deduct	*-0.64*	
		For >50 To 100, Deduct	*-1.28*	
		For >100, Deduct	*-2.57*	
05 05 19 00-0183	EA	5/16" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	14.32	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.40*	
		For >100, Deduct	*-2.81*	
05 05 19 00-0184	EA	3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	16.77	
		For >10 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-1.64*	
		For >100, Deduct	*-3.28*	
05 05 19 00-0185	EA	1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	20.35	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-1.98*	
		For >100, Deduct	*-3.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0186	EA	5/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	22.80	
		For >10 To 50, Deduct	*-1.05*	
		For >50 To 100, Deduct	*-2.15*	
		For >100, Deduct	*-4.29*	
05 05 19 00-0187	EA	3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	28.90	
		For >10 To 50, Deduct	*-1.29*	
		For >50 To 100, Deduct	*-2.65*	
		For >100, Deduct	*-5.31*	
05 05 19 00-0188	EA	7/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	31.81	
		For >10 To 50, Deduct	*-1.38*	
		For >50 To 100, Deduct	*-2.87*	
		For >100, Deduct	*-5.73*	
05 05 19 00-0189	EA	1" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	39.60	
		For >10 To 50, Deduct	*-1.67*	
		For >50 To 100, Deduct	*-3.49*	
		For >100, Deduct	*-6.98*	
05 05 19 00-0190	EA	1-1/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	43.83	
		For >10 To 50, Deduct	*-1.80*	
		For >50 To 100, Deduct	*-3.80*	
		For >100, Deduct	*-7.61*	
05 05 19 00-0191	EA	1-1/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	50.91	
		For >10 To 50, Deduct	*-2.04*	
		For >50 To 100, Deduct	*-4.34*	
		For >100, Deduct	*-8.67*	
05 05 19 00-0192	EA	1-3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	57.13	
		For >10 To 50, Deduct	*-2.23*	
		For >50 To 100, Deduct	*-4.77*	
		For >100, Deduct	*-9.54*	
05 05 19 00-0193	EA	1-1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	65.27	
		For >10 To 50, Deduct	*-2.43*	
		For >50 To 100, Deduct	*-5.27*	
		For >100, Deduct	*-10.54*	
05 05 19 00-0194	EA	1-3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	82.12	
		For >10 To 50, Deduct	*-2.85*	
		For >50 To 100, Deduct	*-6.33*	
		For >100, Deduct	*-12.65*	
05 05 19 00-0195	EA	2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	119.10	
		For >10 To 50, Deduct	*-3.44*	
		For >50 To 100, Deduct	*-8.14*	
		For >100, Deduct	*-16.28*	

05 05 19 00-0196 Grout Concrete Anchor Bolt Or Threaded Rod *(05 05 19 00-0169)*

05 05 19 00-0197	EA	Grout Concrete Anchor Bolt or Threaded Rod	5.28	
		For >10 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.52*	
		For >100, Deduct	*-1.03*	

05 05 19 00-0198 Other Concrete And Masonry Anchors *(05 05 19 00-0001)*

05 05 19 00-0199 Tapcon Masonry Screws *(05 05 19 00-0198)*

Note: Includes drilling. Countersunk or hex head.

05 05 19 00-0200	EA	3/16" x 1-1/4" Tapcon Masonry Screw	11.85	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.17*	
		For >100, Deduct	*-2.33*	
05 05 19 00-0201	EA	3/16" x 2-1/4" Tapcon Masonry Screw	11.92	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.17*	
		For >100, Deduct	*-2.34*	
05 05 19 00-0202	EA	3/16" x 3-1/4" Tapcon Masonry Screw	12.06	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.17*	
		For >100, Deduct	*-2.34*	
05 05 19 00-0203	EA	1/4" x 1-1/4" Tapcon Masonry Screw	11.93	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.17*	
		For >100, Deduct	*-2.34*	
05 05 19 00-0204	EA	1/4" x 2-1/4" Tapcon Masonry Screw	12.01	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.17*	
		For >100, Deduct	*-2.34*	
05 05 19 00-0205	EA	1/4" x 3-1/4" Tapcon Masonry Screw	12.18	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.17*	
		For >100, Deduct	*-2.35*	

05 05 19 00-0206 Large Diameter, Self-Threading Concrete Fasteners *(05 05 19 00-0198)*

Note: Includes drilling. Zinc plated.

05 05 19 00-0207	EA	3/8" x 1-3/4", Large Diameter, Self-Threading Concrete Fastener	13.76	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.21*	
		For >100, Deduct	*-2.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0208	EA	3/8" x 2-1/2", Large Diameter, Self-Threading Concrete Fastener	14.54	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.23*	
		For >100, Deduct	*-2.47*	
05 05 19 00-0209	EA	3/8" x 3", Large Diameter, Self-Threading Concrete Fastener	14.75	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.24*	
		For >100, Deduct	*-2.48*	
05 05 19 00-0210	EA	3/8" x 4", Large Diameter, Self-Threading Concrete Fastener	15.13	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.25*	
		For >100, Deduct	*-2.50*	
05 05 19 00-0211	EA	3/8" x 5", Large Diameter, Self-Threading Concrete Fastener	15.45	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.26*	
		For >100, Deduct	*-2.51*	
05 05 19 00-0212	EA	1/2" x 3", Large Diameter, Self-Threading Concrete Fastener	16.13	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.27*	
		For >100, Deduct	*-2.55*	
05 05 19 00-0213	EA	1/2" x 4", Large Diameter, Self-Threading Concrete Fastener	16.96	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.29*	
		For >100, Deduct	*-2.59*	
05 05 19 00-0214	EA	1/2" x 5", Large Diameter, Self-Threading Concrete Fastener	17.73	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.31*	
		For >100, Deduct	*-2.63*	
05 05 19 00-0215	EA	1/2" x 6", Large Diameter, Self-Threading Concrete Fastener	19.88	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.37*	
		For >100, Deduct	*-2.73*	
05 05 19 00-0216	EA	5/8" x 3", Large Diameter, Self-Threading Concrete Fastener	20.14	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.37*	
		For >100, Deduct	*-2.75*	
05 05 19 00-0217	EA	5/8" x 4", Large Diameter, Self-Threading Concrete Fastener	21.45	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.41*	
		For >100, Deduct	*-2.81*	
05 05 19 00-0218	EA	5/8" x 5", Large Diameter, Self-Threading Concrete Fastener	22.80	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.44*	
		For >100, Deduct	*-2.88*	
05 05 19 00-0219	EA	5/8" x 6", Large Diameter, Self-Threading Concrete Fastener	23.67	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.46*	
		For >100, Deduct	*-2.92*	
05 05 19 00-0220	EA	3/4" x 4-1/2", Large Diameter, Self-Threading Concrete Fastener	23.28	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.45*	
		For >100, Deduct	*-2.90*	
05 05 19 00-0221	EA	3/4" x 5-1/2", Large Diameter, Self-Threading Concrete Fastener	24.53	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.48*	
		For >100, Deduct	*-2.97*	
05 05 19 00-0222	EA	3/4" x 6-1/4", Large Diameter, Self-Threading Concrete Fastener	27.45	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.56*	
		For >100, Deduct	*-3.11*	

05 05 19 00-0223 Pin Bolt Drives *(05 05 19 00-0198)*

Note: Includes drilling. Zinc plated.

05 05 19 00-0224	EA	1/4" x 1" Pin Bolt Drive	7.34	
		For >10 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.71*	
		For >100, Deduct	*-1.41*	
05 05 19 00-0225	EA	1/4" x 1-1/4" Pin Bolt Drive	7.34	
		For >10 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.71*	
		For >100, Deduct	*-1.41*	
05 05 19 00-0226	EA	1/4" x 1-1/2" Pin Bolt Drive	7.40	
		For >10 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.71*	
		For >100, Deduct	*-1.41*	
05 05 19 00-0227	EA	1/4" x 2" Pin Bolt Drive	7.41	
		For >10 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.71*	
		For >100, Deduct	*-1.41*	

05 05 19 00-0228 Powder Actuated, Shot-In Place Anchors *(05 05 19 00-0198)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0229	EA	0.15" Diameter x 1/2" Length, Stud Powder Actuated Anchor	1.80	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.16*	
		For >100, Deduct	*-0.32*	
05 05 19 00-0230	EA	0.15" Diameter x 3/4" Length, Stud Powder Actuated Anchor	1.90	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.17*	
		For >100, Deduct	*-0.34*	
05 05 19 00-0231	EA	0.15"/0.18" Diameter x 1" Length, Stud Powder Actuated Anchor	2.06	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.18*	
		For >100, Deduct	*-0.36*	
05 05 19 00-0232	EA	0.15"/0.18" Diameter x 1-1/4" Length, Stud Powder Actuated Anchor	2.27	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.20*	
		For >100, Deduct	*-0.39*	
05 05 19 00-0233	EA	0.15"/0.18" Diameter x 1-7/8" Length, Stud Powder Actuated Anchor	2.37	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.20*	
		For >100, Deduct	*-0.40*	

05 05 19 00-0234 Powder Actuated, Shot-In Place Anchors With Exposed Thread *(05 05 19 00-0198)*

05 05 19 00-0235	EA	0.145" Diameter x 1" Long Shank, 3/4" Thread Length, 1/4" - 20 Treaded Stud Powder Actuated Anchor	2.10	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.17*	
		For >100, Deduct	*-0.35*	
05 05 19 00-0236	EA	0.205" Diameter x 1-1/6" Long Shank, 1" Thread Length, 3/8" - 16 Treaded Stud Powder Actuated Anchor	2.80	
		For >10 To 50, Deduct	*-0.10*	
		For >50 To 100, Deduct	*-0.22*	
		For >100, Deduct	*-0.44*	

05 05 21 Fastening Methods for Metal *(05 05)*

05 05 21 00-0001 Welding *(05 05 21)*

05 05 21 00-0002 Minimum Charge For Welding *(05 05 21 00-0001)*

05 05 21 00-0003	EA	Minimum Charge For Welding Note: For projects where the total welding charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	570.56	

05 05 21 00-0004 Spot Welding *(05 05 21 00-0001)*

05 05 21 00-0005	EA	Up To 15 Spot Weldings, Welds Up To 1" Length Each	14.16	
		For Aluminum Welding, Add	*2.26*	
		For Stainless Steel Welding, Add	*3.71*	
05 05 21 00-0006	EA	>15 Spot Weldings, Welds Up To 1" Length Each	11.07	
		For Aluminum Welding, Add	*1.79*	
		For Stainless Steel Welding, Add	*2.93*	

05 05 21 00-0007 Field Welding (Seam And Stitch Welding) *(05 05 21 00-0001)*

05 05 21 00-0008 Vertical Fillet Welds *(05 05 21 00-0007)*

Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made.

05 05 21 00-0009	LF	1/8" Vertical Fillet Weld	9.30	
		For Aluminum Welding, Add	*2.06*	
		For Stainless Steel Welding, Add	*3.15*	
		For Up To 25, Add	*2.98*	
		For >25 To 50, Add	*2.11*	
05 05 21 00-0010	LF	3/16" Vertical Fillet Weld	17.77	
		For Aluminum Welding, Add	*3.48*	
		For Stainless Steel Welding, Add	*5.46*	
		For Up To 25, Add	*5.88*	
		For >25 To 50, Add	*4.17*	
05 05 21 00-0011	LF	1/4" Vertical Fillet Weld	26.69	
		For Aluminum Welding, Add	*5.25*	
		For Stainless Steel Welding, Add	*8.23*	
		For Up To 25, Add	*8.82*	
		For >25 To 50, Add	*6.26*	
05 05 21 00-0012	LF	5/16" Vertical Fillet Weld	35.24	
		For Aluminum Welding, Add	*6.97*	
		For Stainless Steel Welding, Add	*10.91*	
		For Up To 25, Add	*11.63*	
		For >25 To 50, Add	*8.25*	
05 05 21 00-0013	LF	3/8" Vertical Fillet Weld	44.47	
		For Aluminum Welding, Add	*8.74*	
		For Stainless Steel Welding, Add	*13.71*	
		For Up To 25, Add	*14.70*	
		For >25 To 50, Add	*10.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 21 00-0014	LF	7/16" Vertical Fillet Weld	51.32	
		For Aluminum Welding, Add	*9.34*	
		For Stainless Steel Welding, Add	*14.88*	
		For Up To 25, Add	*17.28*	
		For >25 To 50, Add	*12.28*	
05 05 21 00-0015	LF	1/2" Vertical Fillet Weld	60.84	
		For Aluminum Welding, Add	*12.01*	
		For Stainless Steel Welding, Add	*18.82*	
		For Up To 25, Add	*20.09*	
		For >25 To 50, Add	*14.25*	
05 05 21 00-0016	LF	9/16" Vertical Fillet Weld	70.72	
		For Aluminum Welding, Add	*13.19*	
		For Stainless Steel Welding, Add	*20.91*	
		For Up To 25, Add	*23.67*	
		For >25 To 50, Add	*16.82*	
05 05 21 00-0017	LF	5/8" Vertical Fillet Weld	82.02	
		For Aluminum Welding, Add	*15.36*	
		For Stainless Steel Welding, Add	*24.33*	
		For Up To 25, Add	*27.43*	
		For >25 To 50, Add	*19.49*	
05 05 21 00-0018	LF	3/4" Vertical Fillet Weld	111.32	
		For Aluminum Welding, Add	*21.95*	
		For Stainless Steel Welding, Add	*34.40*	
		For Up To 25, Add	*36.77*	
		For >25 To 50, Add	*26.08*	

05 05 21 00-0019 Horizontal Or Flat Fillet Welds *(05 05 21 00-0007)*

Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made.

05 05 21 00-0020	LF	1/8" Horizontal Or Flat Fillet Weld	7.90	
		For Aluminum Welding, Add	*1.85*	
		For Stainless Steel Welding, Add	*2.80*	
		For Up To 25, Add	*2.49*	
		For >25 To 50, Add	*1.76*	
05 05 21 00-0021	LF	3/16" Horizontal Or Flat Fillet Weld	15.16	
		For Aluminum Welding, Add	*3.14*	
		For Stainless Steel Welding, Add	*4.87*	
		For Up To 25, Add	*4.95*	
		For >25 To 50, Add	*3.50*	
05 05 21 00-0022	LF	1/4" Horizontal Or Flat Fillet Weld	22.67	
		For Aluminum Welding, Add	*4.70*	
		For Stainless Steel Welding, Add	*7.29*	
		For Up To 25, Add	*7.39*	
		For >25 To 50, Add	*5.24*	
05 05 21 00-0023	LF	5/16" Horizontal Or Flat Fillet Weld	29.99	
		For Aluminum Welding, Add	*6.26*	
		For Stainless Steel Welding, Add	*9.70*	
		For Up To 25, Add	*9.76*	
		For >25 To 50, Add	*6.91*	
05 05 21 00-0024	LF	3/8" Horizontal Or Flat Fillet Weld	37.82	
		For Aluminum Welding, Add	*7.83*	
		For Stainless Steel Welding, Add	*12.15*	
		For Up To 25, Add	*12.34*	
		For >25 To 50, Add	*8.74*	
05 05 21 00-0025	LF	7/16" Horizontal Or Flat Fillet Weld	43.38	
		For Aluminum Welding, Add	*8.23*	
		For Stainless Steel Welding, Add	*13.00*	
		For Up To 25, Add	*14.47*	
		For >25 To 50, Add	*10.27*	
05 05 21 00-0026	LF	1/2" Horizontal Or Flat Fillet Weld	51.70	
		For Aluminum Welding, Add	*10.77*	
		For Stainless Steel Welding, Add	*16.70*	
		For Up To 25, Add	*16.84*	
		For >25 To 50, Add	*11.92*	
05 05 21 00-0027	LF	9/16" Horizontal Or Flat Fillet Weld	59.99	
		For Aluminum Welding, Add	*11.76*	
		For Stainless Steel Welding, Add	*18.45*	
		For Up To 25, Add	*19.85*	
		For >25 To 50, Add	*14.08*	
05 05 21 00-0028	LF	5/8" Horizontal Or Flat Fillet Weld	70.06	
		For Aluminum Welding, Add	*14.09*	
		For Stainless Steel Welding, Add	*21.99*	
		For Up To 25, Add	*23.03*	
		For >25 To 50, Add	*16.32*	
05 05 21 00-0029	LF	3/4" Horizontal Or Flat Fillet Weld	94.70	
		For Aluminum Welding, Add	*19.72*	
		For Stainless Steel Welding, Add	*30.57*	
		For Up To 25, Add	*30.85*	
		For >25 To 50, Add	*21.84*	
05 05 21 00-0030	LF	7/8" Horizontal Or Flat Fillet Weld	137.32	
		For Aluminum Welding, Add	*26.07*	
		For Stainless Steel Welding, Add	*41.17*	
		For Up To 25, Add	*45.78*	
		For >25 To 50, Add	*32.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 21 00-0031	LF	1" Horizontal Or Flat Fillet Weld	187.68	
		For Aluminum Welding, Add	*38.45*	
		For Stainless Steel Welding, Add	*59.80*	
		For Up To 25, Add	*61.40*	
		For >25 To 50, Add	*43.49*	

05 05 23 Metal Fastenings *(05 05)*

05 05 23 00-0001 Hex Bolts *(05 05 23)*

Note: For owner furnished materials or where requested by the owner. Excludes drilling through wood, steel, concrete, brick or block. See CSI section 02 41 19 13-0269 for drilling into concrete, 02 41 19 13-0284 for drilling into brick or block, 02 41 19 13-0299 for drilling into wood or plastic, 05 05 23 00-1567 for drilling through steel.

05 05 23 00-0002 A307B Heavy Hex Bolts *(05 05 23 00-0001)*

Note: Includes A307B heavy hex nut and two structural washers.

05 05 23 00-0003 Plain Finish A307B Heavy Hex Bolts *(05 05 23 00-0002)*

05 05 23 00-0004	EA	1/2" Diameter x 1-1/2" Long, Plain Finish A307B Heavy Hex Bolt	16.11	1.57
		For >10 To 50, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-1.39*	
		For >100, Deduct	*-2.78*	
05 05 23 00-0005	EA	1/2" Diameter x 3" Long, Plain Finish A307B Heavy Hex Bolt	17.82	1.57
		For >10 To 50, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-1.43*	
		For >100, Deduct	*-2.86*	
05 05 23 00-0006	EA	5/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt	17.87	1.57
		For >10 To 50, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-1.43*	
		For >100, Deduct	*-2.87*	
05 05 23 00-0007	EA	5/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	21.31	1.80
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.66*	
		For >100, Deduct	*-3.32*	
05 05 23 00-0008	EA	3/4" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt	20.74	1.57
		For >10 To 50, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-1.50*	
		For >100, Deduct	*-3.01*	
05 05 23 00-0009	EA	3/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	24.87	1.80
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.75*	
		For >100, Deduct	*-3.49*	
05 05 23 00-0010	EA	3/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt	31.58	1.88
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.97*	
		For >100, Deduct	*-3.93*	
05 05 23 00-0011	EA	3/4" Diameter x 8" Long, Plain Finish A307B Heavy Hex Bolt	33.93	1.98
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-2.09*	
		For >100, Deduct	*-4.17*	
05 05 23 00-0012	EA	7/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt	24.89	1.71
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.69*	
		For >100, Deduct	*-3.38*	
05 05 23 00-0013	EA	7/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	30.07	1.88
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.93*	
		For >100, Deduct	*-3.85*	
05 05 23 00-0014	EA	1" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	35.46	1.98
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-2.12*	
		For >100, Deduct	*-4.25*	
05 05 23 00-0015	EA	1" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt	50.85	2.07
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-2.57*	
		For >100, Deduct	*-5.14*	
05 05 23 00-0016	EA	1-1/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	59.56	2.35
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.96*	
		For >100, Deduct	*-5.92*	
05 05 23 00-0017	EA	1-1/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt	67.07	2.52
		For >10 To 50, Deduct	*-1.05*	
		For >50 To 100, Deduct	*-3.25*	
		For >100, Deduct	*-6.50*	

05 05 23 00-0018 Galvanized A307B Heavy Hex Bolts *(05 05 23 00-0002)*

05 05 23 00-0019	EA	1/2" Diameter x 1-1/2" Long, Galvanized A307B Heavy Hex Bolt	16.95	1.57
		For >10 To 50, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-1.41*	
		For >100, Deduct	*-2.82*	
05 05 23 00-0020	EA	1/2" Diameter x 3" Long, Galvanized A307B Heavy Hex Bolt	18.38	1.57
		For >10 To 50, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-1.45*	
		For >100, Deduct	*-2.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0021	EA	5/8" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt	19.94	1.57
		For >10 To 50, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-1.48*	
		For >100, Deduct	*-2.97*	
05 05 23 00-0022	EA	5/8" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	23.38	1.80
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.71*	
		For >100, Deduct	*-3.42*	
05 05 23 00-0023	EA	3/4" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt	23.09	1.57
		For >10 To 50, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-1.56*	
		For >100, Deduct	*-3.13*	
05 05 23 00-0024	EA	3/4" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	29.22	1.80
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.86*	
		For >100, Deduct	*-3.71*	
05 05 23 00-0025	EA	3/4" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt	39.07	1.88
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-2.15*	
		For >100, Deduct	*-4.31*	
05 05 23 00-0026	EA	3/4" Diameter x 8" Long, Galvanized A307B Heavy Hex Bolt	46.05	1.98
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-2.39*	
		For >100, Deduct	*-4.78*	
05 05 23 00-0027	EA	7/8" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt	31.05	1.71
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.85*	
		For >100, Deduct	*-3.69*	
05 05 23 00-0028	EA	7/8" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	37.01	1.88
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-2.10*	
		For >100, Deduct	*-4.20*	
05 05 23 00-0029	EA	1" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	44.41	1.98
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-2.35*	
		For >100, Deduct	*-4.70*	
05 05 23 00-0030	EA	1" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt	67.08	2.07
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-2.98*	
		For >100, Deduct	*-5.96*	
05 05 23 00-0031	EA	1-1/4" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	66.82	2.35
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-3.14*	
		For >100, Deduct	*-6.28*	
05 05 23 00-0032	EA	1-1/4" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt	83.89	2.52
		For >10 To 50, Deduct	*-1.05*	
		For >50 To 100, Deduct	*-3.67*	
		For >100, Deduct	*-7.34*	

05 05 23 00-0033 A325 High Strength Structural Bolts *(05 05 23 00-0001)*

05 05 23 00-0034 Plain Finish A325 High Strength Structural Bolts *(05 05 23 00-0033)*

Note: Includes A325 heavy hex nut and structural washer.

05 05 23 00-0035	EA	1/2" Diameter x 1-1/2" Long, Plain Finish A325 High Strength Structural Bolt	15.72	1.57
		For >10 To 50, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-1.38*	
		For >100, Deduct	*-2.76*	
05 05 23 00-0036	EA	1/2" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt	16.09	1.57
		For >10 To 50, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-1.39*	
		For >100, Deduct	*-2.78*	
05 05 23 00-0037	EA	5/8" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	17.30	1.57
		For >10 To 50, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-1.42*	
		For >100, Deduct	*-2.84*	
05 05 23 00-0038	EA	5/8" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	21.34	1.80
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.66*	
		For >100, Deduct	*-3.32*	
05 05 23 00-0039	EA	5/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	24.89	1.88
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.80*	
		For >100, Deduct	*-3.60*	
05 05 23 00-0040	EA	3/4" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	18.98	1.57
		For >10 To 50, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-1.46*	
		For >100, Deduct	*-2.92*	
05 05 23 00-0041	EA	3/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	23.13	1.80
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.70*	
		For >100, Deduct	*-3.41*	
05 05 23 00-0042	EA	3/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	26.47	1.88
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.84*	
		For >100, Deduct	*-3.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0043	EA	3/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	32.86	1.98
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-2.06*	
		For >100, Deduct	*-4.12*	
05 05 23 00-0044	EA	7/8" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	22.13	1.71
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.62*	
		For >100, Deduct	*-3.25*	
05 05 23 00-0045	EA	7/8" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	27.13	1.88
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.85*	
		For >100, Deduct	*-3.71*	
05 05 23 00-0046	EA	7/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	31.12	1.98
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-2.02*	
		For >100, Deduct	*-4.03*	
05 05 23 00-0047	EA	7/8" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	33.78	2.07
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-2.15*	
		For >100, Deduct	*-4.29*	
05 05 23 00-0048	EA	1" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	24.55	1.78
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.73*	
		For >100, Deduct	*-3.45*	
05 05 23 00-0049	EA	1" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	29.69	1.98
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.98*	
		For >100, Deduct	*-3.96*	
05 05 23 00-0050	EA	1" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	34.59	2.07
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-2.17*	
		For >100, Deduct	*-4.33*	
05 05 23 00-0051	EA	1" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	44.69	2.21
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-2.50*	
		For >100, Deduct	*-5.00*	
05 05 23 00-0052	EA	1-1/4" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt	42.58	2.21
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-2.45*	
		For >100, Deduct	*-4.90*	
05 05 23 00-0053	EA	1-1/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	48.40	2.35
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.68*	
		For >100, Deduct	*-5.36*	
05 05 23 00-0054	EA	1-1/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	57.03	2.52
		For >10 To 50, Deduct	*-1.05*	
		For >50 To 100, Deduct	*-3.00*	
		For >100, Deduct	*-6.00*	
05 05 23 00-0055	EA	1-1/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	67.20	2.69
		For >10 To 50, Deduct	*-1.12*	
		For >50 To 100, Deduct	*-3.36*	
		For >100, Deduct	*-6.72*	

05 05 23 00-0056 Galvanized A325 High Strength Structural Bolts *(05 05 23 00-0033)*

Note: Includes A325 heavy hex nut and structural washer.

05 05 23 00-0057	EA	1/2" Diameter x 1-1/2" Long, Galvanized A325 High Strength Structural Bolt	16.47	1.57
		For >10 To 50, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-1.40*	
		For >100, Deduct	*-2.80*	
05 05 23 00-0058	EA	1/2" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt	16.74	1.57
		For >10 To 50, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-1.40*	
		For >100, Deduct	*-2.81*	
05 05 23 00-0059	EA	5/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	18.89	1.57
		For >10 To 50, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-1.46*	
		For >100, Deduct	*-2.92*	
05 05 23 00-0060	EA	5/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	22.48	1.80
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.69*	
		For >100, Deduct	*-3.38*	
05 05 23 00-0061	EA	5/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	23.81	1.88
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.77*	
		For >100, Deduct	*-3.54*	
05 05 23 00-0062	EA	3/4" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	19.71	1.57
		For >10 To 50, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-1.48*	
		For >100, Deduct	*-2.96*	
05 05 23 00-0063	EA	3/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	24.05	1.80
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.73*	
		For >100, Deduct	*-3.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0064	EA	3/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	27.91	1.88
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.87*	
		For >100, Deduct	*-3.75*	
05 05 23 00-0065	EA	3/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	36.26	1.98
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-2.14*	
		For >100, Deduct	*-4.29*	
05 05 23 00-0066	EA	7/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	26.53	1.71
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.73*	
		For >100, Deduct	*-3.47*	
05 05 23 00-0067	EA	7/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	29.73	1.88
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.92*	
		For >100, Deduct	*-3.84*	
05 05 23 00-0068	EA	7/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	34.27	1.98
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-2.09*	
		For >100, Deduct	*-4.19*	
05 05 23 00-0069	EA	7/8" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	43.23	2.07
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-2.38*	
		For >100, Deduct	*-4.76*	
05 05 23 00-0070	EA	1" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	27.97	1.78
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.81*	
		For >100, Deduct	*-3.62*	
05 05 23 00-0071	EA	1" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	37.53	1.98
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-2.18*	
		For >100, Deduct	*-4.35*	
05 05 23 00-0072	EA	1" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	41.15	2.07
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-2.33*	
		For >100, Deduct	*-4.66*	
05 05 23 00-0073	EA	1" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	52.78	2.21
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-2.70*	
		For >100, Deduct	*-5.41*	
05 05 23 00-0074	EA	1-1/4" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt	52.45	2.21
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-2.70*	
		For >100, Deduct	*-5.39*	
05 05 23 00-0075	EA	1-1/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	55.94	2.35
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.87*	
		For >100, Deduct	*-5.73*	
05 05 23 00-0076	EA	1-1/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	65.67	2.52
		For >10 To 50, Deduct	*-1.05*	
		For >50 To 100, Deduct	*-3.22*	
		For >100, Deduct	*-6.43*	
05 05 23 00-0077	EA	1-1/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	76.22	2.69
		For >10 To 50, Deduct	*-1.12*	
		For >50 To 100, Deduct	*-3.58*	
		For >100, Deduct	*-7.17*	

05 05 23 00-0078 A490 High Strength Structural Bolts *(05 05 23 00-0001)*

Note: Includes A490 heavy hex nut and two structural washers.

05 05 23 00-0079 Plain Finish A490 High Strength Structural Bolts *(05 05 23 00-0078)*

05 05 23 00-0080	EA	5/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt	17.90	1.57
		For >10 To 50, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-1.43*	
		For >100, Deduct	*-2.87*	
05 05 23 00-0081	EA	5/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	25.44	1.80
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.76*	
		For >100, Deduct	*-3.53*	
05 05 23 00-0082	EA	5/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	27.25	1.88
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.86*	
		For >100, Deduct	*-3.72*	
05 05 23 00-0083	EA	3/4" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt	20.22	1.57
		For >10 To 50, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-1.49*	
		For >100, Deduct	*-2.98*	
05 05 23 00-0084	EA	3/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	24.54	1.80
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.74*	
		For >100, Deduct	*-3.48*	
05 05 23 00-0085	EA	3/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	28.75	1.88
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.90*	
		For >100, Deduct	*-3.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0086	EA	3/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt	37.29	1.98
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-2.17*	
		For >100, Deduct	*-4.34*	
05 05 23 00-0087	EA	7/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt	23.56	1.71
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.66*	
		For >100, Deduct	*-3.32*	
05 05 23 00-0088	EA	7/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	27.59	1.88
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.86*	
		For >100, Deduct	*-3.73*	
05 05 23 00-0089	EA	7/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	40.37	1.98
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-2.25*	
		For >100, Deduct	*-4.49*	
05 05 23 00-0090	EA	1" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt	27.90	1.78
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.81*	
		For >100, Deduct	*-3.62*	
05 05 23 00-0091	EA	1" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	33.45	1.98
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-2.07*	
		For >100, Deduct	*-4.15*	
05 05 23 00-0092	EA	1" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	38.62	2.07
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-2.27*	
		For >100, Deduct	*-4.53*	
05 05 23 00-0093	EA	1-1/4" Diameter x 3" Long, Plain Finish A490 High Strength Structural Bolt	48.55	2.21
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-2.60*	
		For >100, Deduct	*-5.20*	
05 05 23 00-0094	EA	1-1/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	62.65	2.35
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-3.03*	
		For >100, Deduct	*-6.07*	
05 05 23 00-0095	EA	1-1/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	65.91	2.52
		For >10 To 50, Deduct	*-1.05*	
		For >50 To 100, Deduct	*-3.22*	
		For >100, Deduct	*-6.44*	
05 05 23 00-0096	EA	1-1/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt	68.72	2.69
		For >10 To 50, Deduct	*-1.12*	
		For >50 To 100, Deduct	*-3.40*	
		For >100, Deduct	*-6.79*	

05 05 23 00-0097 Hex Head Bolts *(05 05 23 00-0001)*

05 05 23 00-0098 Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0099 1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0100	EA	1/4" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.38	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0101	EA	1/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.41	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0102	EA	1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.51	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0103	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.56	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0104	EA	1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.83	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0105	EA	1/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.87	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0106	EA	1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.01	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0107	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.23	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0108	EA	1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.28	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0109	EA	1/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.50	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0110	EA	1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.88	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0111	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.05	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0112	EA	1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.28	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0113	EA	1/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.00	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0114	EA	1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.36	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0115	EA	1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.45	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	

05 05 23 00-0116 5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0117	EA	5/16" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.47	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0118	EA	5/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.50	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0119	EA	5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.58	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0120	EA	5/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.64	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0121	EA	5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.93	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0122	EA	5/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.08	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0123	EA	5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.14	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0124	EA	5/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.49	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0125	EA	5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.71	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0126	EA	5/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.79	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0127	EA	5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.07	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0128	EA	5/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.15	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0129	EA	5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.98	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0130	EA	5/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.59	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0131	EA	5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.96	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0132	EA	5/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.29	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0133		3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0134	EA	3/8" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.56	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0135	EA	3/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.60	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0136	EA	3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.71	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0137	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.82	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0138	EA	3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.12	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0139	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.31	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0140	EA	3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.50	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0141	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.89	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0142	EA	3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.14	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0143	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.28	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0144	EA	3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.74	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0145	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.88	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0146	EA	3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.98	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0147	EA	3/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.25	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0148	EA	3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.41	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0149	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.63	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0150		7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0151	EA	7/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.06	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0152	EA	7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.21	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0153	EA	7/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.23	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0154	EA	7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.66	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0155	EA	7/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.89	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0156	EA	7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.08	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0157	EA	7/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.78	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0158	EA	7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.92	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0159	EA	7/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.20	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0160	EA	7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.88	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0161	EA	7/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.02	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0162	EA	7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.37	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0163	EA	7/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.72	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0164	EA	7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.04	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0165	EA	7/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.67	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0166		1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0167	EA	1/2" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.93	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0168	EA	1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.12	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0169	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.30	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0170	EA	1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.72	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0171	EA	1/2" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.91	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0172	EA	1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.11	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0173	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.56	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0174	EA	1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.78	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0175	EA	1/2" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.17	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0176	EA	1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.44	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0177	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.49	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0178	EA	1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.82	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0179	EA	1/2" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.32	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0180	EA	1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.52	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0181	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.09	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0182	EA	1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.58	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0183	EA	1/2" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.78	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0184	EA	1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.58	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0185	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.80	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	

05 05 23 00-0186 9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0187	EA	9/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.12	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0188	EA	9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.38	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0189	EA	9/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.44	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0190	EA	9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.49	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0191	EA	9/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.82	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0192	EA	9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.93	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0193	EA	9/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.17	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0194	EA	9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.25	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0195	EA	9/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.53	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0196	EA	9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.82	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0197	EA	9/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.90	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0198	EA	9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.15	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0199	EA	9/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.61	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0200	EA	9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.91	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0201	EA	9/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.21	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0202	EA	9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.69	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0203	EA	9/16" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.03	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0204	EA	9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.27	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0205	EA	9/16" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.63	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0206		5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0207	EA	5/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.72	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0208	EA	5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.89	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0209	EA	5/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.11	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0210	EA	5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.62	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-2.86*	
05 05 23 00-0211	EA	5/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.95	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-2.86*	
05 05 23 00-0212	EA	5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.36	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-2.86*	
05 05 23 00-0213	EA	5/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.08	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-2.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0214	EA	5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.71	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-2.92*	
05 05 23 00-0215	EA	5/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.19	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-2.92*	
05 05 23 00-0216	EA	5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.61	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.98*	
05 05 23 00-0217	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.67	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.98*	
05 05 23 00-0218	EA	5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.50	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.98*	
05 05 23 00-0219	EA	5/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.17	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.04*	
05 05 23 00-0220	EA	5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.83	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.04*	
05 05 23 00-0221	EA	5/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.60	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.04*	
05 05 23 00-0222	EA	5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	18.65	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0223	EA	5/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	19.40	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0224	EA	5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	20.17	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0225	EA	5/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	20.77	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	

05 05 23 00-0226 3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0227	EA	3/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.28	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0228	EA	3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.63	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0229	EA	3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.94	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0230	EA	3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.55	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-2.86*	
05 05 23 00-0231	EA	3/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.03	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-2.86*	
05 05 23 00-0232	EA	3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.46	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-2.86*	
05 05 23 00-0233	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.13	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-2.92*	
05 05 23 00-0234	EA	3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.73	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-2.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0235	EA	3/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.20	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-2.92*	
05 05 23 00-0236	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.38	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.98*	
05 05 23 00-0237	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.78	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.98*	
05 05 23 00-0238	EA	3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.51	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.98*	
05 05 23 00-0239	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.76	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.04*	
05 05 23 00-0240	EA	3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	19.49	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.04*	
05 05 23 00-0241	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	20.29	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.04*	
05 05 23 00-0242	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	21.55	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0243	EA	3/4" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	22.36	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0244	EA	3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	23.42	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0245	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	24.46	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	

05 05 23 00-0246 7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0247	EA	7/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.12	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0248	EA	7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.40	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0249	EA	7/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.55	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0250	EA	7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.15	
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.17*	
05 05 23 00-0251	EA	7/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.93	
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.17*	
05 05 23 00-0252	EA	7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.85	
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.17*	
05 05 23 00-0253	EA	7/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.83	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.23*	
05 05 23 00-0254	EA	7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	19.16	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.23*	
05 05 23 00-0255	EA	7/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	19.90	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0256	EA	7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	20.69	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.29*	
05 05 23 00-0257	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	21.13	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.29*	
05 05 23 00-0258	EA	7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	22.18	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.29*	
05 05 23 00-0259	EA	7/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	23.44	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.35*	
05 05 23 00-0260	EA	7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	24.51	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.35*	
05 05 23 00-0261	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	25.56	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.35*	
05 05 23 00-0262	EA	7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	26.76	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-0263	EA	7/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	27.87	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-0264	EA	7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	28.90	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-0265	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	30.00	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-0266		1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0267	EA	1" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.41	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0268	EA	1" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.34	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0269	EA	1" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	18.76	
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.17*	
05 05 23 00-0270	EA	1" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	20.29	
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.17*	
05 05 23 00-0271	EA	1" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	21.67	
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.17*	
05 05 23 00-0272	EA	1" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	23.31	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.23*	
05 05 23 00-0273	EA	1" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	24.65	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.23*	
05 05 23 00-0274	EA	1" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	26.03	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.23*	
05 05 23 00-0275	EA	1" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	26.93	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.29*	
05 05 23 00-0276	EA	1" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	27.59	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0277	EA	1" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	28.75	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.29*	
05 05 23 00-0278	EA	1" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	30.12	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.35*	
05 05 23 00-0279	EA	1" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	31.26	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.35*	
05 05 23 00-0280	EA	1" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	32.46	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.35*	
05 05 23 00-0281	EA	1" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	33.63	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-0282	EA	1" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	34.98	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-0283	EA	1" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	36.17	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-0284	EA	1" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	37.38	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	

05 05 23 00-0285 Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0286 1/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0287	EA	1/4" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.45	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0288	EA	1/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.51	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0289	EA	1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.56	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0290	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.66	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0291	EA	1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.98	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0292	EA	1/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.16	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0293	EA	1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.35	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0294	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.71	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0295	EA	1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.95	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0296	EA	1/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.12	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0297	EA	1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.50	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0298	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.66	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0299	EA	1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.82	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0300	EA	1/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.23	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0301	EA	1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.45	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0302	EA	1/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.67	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0303		**5/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts** *(05 05 23 00-0285)*		
05 05 23 00-0304	EA	5/16" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.57	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0305	EA	5/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.61	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0306	EA	5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.69	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0307	EA	5/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.82	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0308	EA	5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.14	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0309	EA	5/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.31	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0310	EA	5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.62	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0311	EA	5/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.97	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0312	EA	5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.21	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0313	EA	5/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.44	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0314	EA	5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.09	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0315	EA	5/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.16	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0316	EA	5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.46	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0317	EA	5/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.07	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0318	EA	5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.47	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0319	EA	5/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.87	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 05 23 00-0320 3/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0321	EA	3/8" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.64	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0322	EA	3/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.67	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0323	EA	3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.81	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0324	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.95	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0325	EA	3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.32	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0326	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.49	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0327	EA	3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.76	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0328	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.25	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0329	EA	3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.88	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0330	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.16	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0331	EA	3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.75	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0332	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.01	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0333	EA	3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.48	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0334	EA	3/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.04	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0335	EA	3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.67	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0336	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.17	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	

05 05 23 00-0337 7/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0338	EA	7/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.95	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0339	EA	7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.08	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0340	EA	7/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.40	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0341	EA	7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.86	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0342	EA	7/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.09	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0343	EA	7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.31	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0344	EA	7/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.80	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0345	EA	7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.04	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0346	EA	7/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.59	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0347	EA	7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.98	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0348	EA	7/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.23	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0349	EA	7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.50	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0350	EA	7/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.06	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0351	EA	7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.42	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0352	EA	7/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.78	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	

05 05 23 00-0353 1/2" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0354	EA	1/2" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.12	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0355	EA	1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.29	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0356	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.47	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0357	EA	1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.98	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0358	EA	1/2" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.27	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0359	EA	1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.56	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0360	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.03	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0361	EA	1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.01	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0362	EA	1/2" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.07	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0363	EA	1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.95	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0364	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.33	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0365	EA	1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.30	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0366	EA	1/2" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.38	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0367	EA	1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.93	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0368	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.13	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0369	EA	1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.35	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0370	EA	1/2" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.31	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0371	EA	1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.66	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0372	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.18	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	

05 05 23 00-0373 9/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0374	EA	9/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.65	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0375	EA	9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.96	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0376	EA	9/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.24	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0377	EA	9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.77	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0378	EA	9/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.16	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0379	EA	9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.60	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0380	EA	9/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.30	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0381	EA	9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.00	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0382	EA	9/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.44	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0383	EA	9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.15	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0384	EA	9/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.62	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0385	EA	9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.19	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0386	EA	9/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.32	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0387	EA	9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.97	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0388	EA	9/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	21.05	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0389	EA	9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.28	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0390	EA	9/16" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.68	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0391	EA	9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	23.07	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0392	EA	9/16" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	24.04	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	

05 05 23 00-0393 5/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0394	EA	5/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.02	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0395	EA	5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.13	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0396	EA	5/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.22	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0397	EA	5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.73	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-2.86*	
05 05 23 00-0398	EA	5/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.25	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-2.86*	
05 05 23 00-0399	EA	5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.72	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-2.86*	
05 05 23 00-0400	EA	5/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.41	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-2.92*	
05 05 23 00-0401	EA	5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.32	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-2.92*	
05 05 23 00-0402	EA	5/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.81	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-2.92*	
05 05 23 00-0403	EA	5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.27	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.98*	
05 05 23 00-0404	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.05	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0405	EA	5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.29	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.98*	
05 05 23 00-0406	EA	5/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.63	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.04*	
05 05 23 00-0407	EA	5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.65	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.04*	
05 05 23 00-0408	EA	5/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.80	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.04*	
05 05 23 00-0409	EA	5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	21.87	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0410	EA	5/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	23.25	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0411	EA	5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	25.28	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0412	EA	5/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	25.99	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	

05 05 23 00-0413 3/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0414	EA	3/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.18	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0415	EA	3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.38	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0416	EA	3/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.49	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0417	EA	3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.14	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-2.86*	
05 05 23 00-0418	EA	3/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.66	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-2.86*	
05 05 23 00-0419	EA	3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.45	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-2.86*	
05 05 23 00-0420	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.18	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-2.92*	
05 05 23 00-0421	EA	3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.69	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-2.92*	
05 05 23 00-0422	EA	3/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.75	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-2.92*	
05 05 23 00-0423	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.45	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.98*	
05 05 23 00-0424	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.33	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.98*	
05 05 23 00-0425	EA	3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.40	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0426	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	21.12	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.04*	
05 05 23 00-0427	EA	3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.24	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.04*	
05 05 23 00-0428	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.87	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.04*	
05 05 23 00-0429	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	24.74	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0430	EA	3/4" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	25.31	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0431	EA	3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	27.15	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0432	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	27.60	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	

05 05 23 00-0433 7/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0434	EA	7/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.67	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0435	EA	7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.92	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0436	EA	7/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.27	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0437	EA	7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.82	
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.17*	
05 05 23 00-0438	EA	7/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.86	
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.17*	
05 05 23 00-0439	EA	7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.55	
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.17*	
05 05 23 00-0440	EA	7/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.28	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.23*	
05 05 23 00-0441	EA	7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.51	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.23*	
05 05 23 00-0442	EA	7/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.43	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.23*	
05 05 23 00-0443	EA	7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	21.08	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.29*	
05 05 23 00-0444	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	21.85	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.29*	
05 05 23 00-0445	EA	7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	25.15	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.29*	
05 05 23 00-0446	EA	7/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	26.53	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0447	EA	7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	27.98	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.35*	
05 05 23 00-0448	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	28.07	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.35*	
05 05 23 00-0449	EA	7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	30.37	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-0450	EA	7/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	31.79	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-0451	EA	7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	33.00	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-0452	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	34.21	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	

05 05 23 00-0453 1" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0454	EA	1" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.98	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0455	EA	1" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.06	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0456	EA	1" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.04	
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.17*	
05 05 23 00-0457	EA	1" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.05	
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.17*	
05 05 23 00-0458	EA	1" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.78	
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.17*	
05 05 23 00-0459	EA	1" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.94	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.23*	
05 05 23 00-0460	EA	1" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.12	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.23*	
05 05 23 00-0461	EA	1" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	23.83	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.23*	
05 05 23 00-0462	EA	1" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	25.26	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.29*	
05 05 23 00-0463	EA	1" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	25.63	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.29*	
05 05 23 00-0464	EA	1" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	28.01	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.29*	
05 05 23 00-0465	EA	1" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	29.75	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.35*	
05 05 23 00-0466	EA	1" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	32.30	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.35*	
05 05 23 00-0467	EA	1" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	33.02	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0468	EA	1" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	41.39	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-0469	EA	1" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	42.03	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-0470	EA	1" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	43.78	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-0471	EA	1" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	44.97	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	

05 05 23 00-0472 Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0473 1/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0474	EA	1/4" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.48	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0475	EA	1/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.60	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0476	EA	1/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.66	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0477	EA	1/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.79	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0478	EA	1/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.08	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0479	EA	1/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.23	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0480	EA	1/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.37	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0481	EA	1/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.57	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0482	EA	1/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.97	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0483	EA	1/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.34	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0484	EA	1/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.74	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0485	EA	1/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.94	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0486	EA	1/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.20	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0487	EA	1/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.58	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0488	EA	1/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.07	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0489	EA	1/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.29	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 05 23 00-0490 5/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0491	EA	5/16" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.58	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0492	EA	5/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.66	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0493	EA	5/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.89	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0494	EA	5/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.94	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0495	EA	5/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.28	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0496	EA	5/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.63	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0497	EA	5/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.73	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0498	EA	5/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.14	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0499	EA	5/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.36	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0500	EA	5/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.86	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0501	EA	5/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.37	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0502	EA	5/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.56	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0503	EA	5/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.86	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0504	EA	5/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.27	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0505	EA	5/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.49	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0506	EA	5/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.91	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	

05 05 23 00-0507 3/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0508	EA	3/8" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.83	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0509	EA	3/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.86	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0510	EA	3/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.88	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0511	EA	3/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.15	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0512	EA	3/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.52	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0513	EA	3/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.80	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0514	EA	3/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.05	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0515	EA	3/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.03	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0516	EA	3/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.35	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0517	EA	3/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.41	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0518	EA	3/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.75	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0519	EA	3/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.09	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0520	EA	3/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.63	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0521	EA	3/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.20	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0522	EA	3/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.89	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0523	EA	3/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.51	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	

05 05 23 00-0524 7/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0525	EA	7/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.13	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0526	EA	7/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.17	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0527	EA	7/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.61	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0528	EA	7/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.86	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0529	EA	7/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.34	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0530	EA	7/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.61	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0531	EA	7/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.86	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0532	EA	7/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.94	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0533	EA	7/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.79	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0534	EA	7/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.58	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0535	EA	7/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.88	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0536	EA	7/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.32	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0537	EA	7/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.18	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0538	EA	7/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.61	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0539	EA	7/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.72	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	

05 05 23 00-0540 1/2" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0541	EA	1/2" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.42	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0542	EA	1/2" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.73	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0543	EA	1/2" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.93	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0544	EA	1/2" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.34	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0545	EA	1/2" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.69	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0546	EA	1/2" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.48	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0547	EA	1/2" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.23	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0548	EA	1/2" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.68	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0549	EA	1/2" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.01	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0550	EA	1/2" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.80	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0551	EA	1/2" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.79	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0552	EA	1/2" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.70	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0553	EA	1/2" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.68	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0554	EA	1/2" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.09	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0555	EA	1/2" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.22	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0556	EA	1/2" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.32	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0557	EA	1/2" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.14	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0558	EA	1/2" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.56	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0559	EA	1/2" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	23.59	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	

05 05 23 00-0560 9/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0561	EA	9/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.71	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0562	EA	9/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.90	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0563	EA	9/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.34	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0564	EA	9/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.19	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0565	EA	9/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.35	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0566	EA	9/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.99	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0567	EA	9/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.62	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0568	EA	9/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.72	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0569	EA	9/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.13	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0570	EA	9/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.68	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0571	EA	9/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.59	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0572	EA	9/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.04	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0573	EA	9/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	24.27	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0574	EA	9/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	29.26	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0575	EA	9/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	34.68	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	

05 05 23 00-0576 5/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0577	EA	5/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.43	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0578	EA	5/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.61	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0579	EA	5/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.10	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0580	EA	5/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.02	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-2.86*	
05 05 23 00-0581	EA	5/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.60	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-2.86*	
05 05 23 00-0582	EA	5/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.91	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-2.86*	
05 05 23 00-0583	EA	5/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.33	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-2.92*	
05 05 23 00-0584	EA	5/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.37	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-2.92*	
05 05 23 00-0585	EA	5/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.83	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-2.92*	
05 05 23 00-0586	EA	5/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.52	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.98*	
05 05 23 00-0587	EA	5/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.01	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.98*	
05 05 23 00-0588	EA	5/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.03	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.98*	
05 05 23 00-0589	EA	5/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.65	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.04*	
05 05 23 00-0590	EA	5/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.82	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.04*	
05 05 23 00-0591	EA	5/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	22.30	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.04*	
05 05 23 00-0592	EA	5/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	24.57	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0593	EA	5/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	26.85	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0594	EA	5/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	27.02	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0595	EA	5/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	29.14	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	

05 05 23 00-0596 3/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0597	EA	3/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.51	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0598	EA	3/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.71	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0599	EA	3/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.86	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0600	EA	3/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.36	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-2.86*	
05 05 23 00-0601	EA	3/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.79	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-2.86*	
05 05 23 00-0602	EA	3/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.03	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-2.86*	
05 05 23 00-0603	EA	3/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.75	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-2.92*	
05 05 23 00-0604	EA	3/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.86	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-2.92*	
05 05 23 00-0605	EA	3/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.54	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-2.92*	
05 05 23 00-0606	EA	3/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.36	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.98*	
05 05 23 00-0607	EA	3/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.24	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.98*	
05 05 23 00-0608	EA	3/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.89	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.98*	
05 05 23 00-0609	EA	3/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	23.10	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.04*	
05 05 23 00-0610	EA	3/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	23.98	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.04*	
05 05 23 00-0611	EA	3/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	24.44	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.04*	
05 05 23 00-0612	EA	3/4" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	26.82	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0613	EA	3/4" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	28.42	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0614	EA	3/4" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	29.57	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0615	EA	3/4" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	29.99	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 05 23 00-0616 7/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0617	EA	7/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.53	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0618	EA	7/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.08	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0619	EA	7/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.09	
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.17*	
05 05 23 00-0620	EA	7/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.72	
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.17*	
05 05 23 00-0621	EA	7/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.91	
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.17*	
05 05 23 00-0622	EA	7/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.47	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.23*	
05 05 23 00-0623	EA	7/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	24.41	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.23*	
05 05 23 00-0624	EA	7/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	25.42	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.23*	
05 05 23 00-0625	EA	7/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	27.97	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.29*	
05 05 23 00-0626	EA	7/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	29.44	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.29*	
05 05 23 00-0627	EA	7/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	33.26	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.29*	
05 05 23 00-0628	EA	7/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	34.74	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.35*	
05 05 23 00-0629	EA	7/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	38.66	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.35*	
05 05 23 00-0630	EA	7/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	40.25	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.35*	
05 05 23 00-0631	EA	7/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	41.73	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-0632	EA	7/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	42.19	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-0633	EA	7/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	42.58	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-0634	EA	7/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	43.53	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	

05 05 23 00-0635 1" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0636	EA	1" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.08	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0637	EA	1" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.45	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0638	EA	1" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.26	
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.17*	
05 05 23 00-0639	EA	1" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.28	
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.17*	
05 05 23 00-0640	EA	1" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	23.19	
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.17*	
05 05 23 00-0641	EA	1" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	23.91	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.23*	
05 05 23 00-0642	EA	1" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	25.56	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.23*	
05 05 23 00-0643	EA	1" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	27.76	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.23*	
05 05 23 00-0644	EA	1" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	29.00	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.29*	
05 05 23 00-0645	EA	1" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	29.93	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.29*	
05 05 23 00-0646	EA	1" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	34.54	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.29*	
05 05 23 00-0647	EA	1" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	35.44	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.35*	
05 05 23 00-0648	EA	1" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	40.64	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.35*	
05 05 23 00-0649	EA	1" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	41.54	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.35*	
05 05 23 00-0650	EA	1" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	44.52	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-0651	EA	1" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	46.02	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-0652	EA	1" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	49.98	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-0653	EA	1" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	52.40	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	

05 05 23 00-0654 Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0655 1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0656	EA	1/4" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.64	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0657	EA	1/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.66	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0658	EA	1/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.69	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0659	EA	1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.97	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0660	EA	1/4" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.32	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0661	EA	1/4" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.48	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0662	EA	1/4" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.55	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0663	EA	1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.77	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0664	EA	1/4" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.97	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0665	EA	1/4" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.02	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0666	EA	1/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.36	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0667	EA	1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.54	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0668	EA	1/4" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.60	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0669	EA	1/4" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.97	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0670	EA	1/4" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.44	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0671	EA	1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.03	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	

05 05 23 00-0672 5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0673	EA	5/16" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.52	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0674	EA	5/16" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.06	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0675	EA	5/16" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.11	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0676	EA	5/16" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.13	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0677	EA	5/16" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.58	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0678	EA	5/16" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.09	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0679	EA	5/16" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.19	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0680	EA	5/16" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.53	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0681	EA	5/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.58	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0682	EA	5/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.99	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0683	EA	5/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.31	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0684	EA	5/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.46	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0685	EA	5/16" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.86	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0686	EA	5/16" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.85	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0687	EA	5/16" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.48	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0688	EA	5/16" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.06	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	

05 05 23 00-0689 3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0690	EA	3/8" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.68	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0691	EA	3/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.81	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0692	EA	3/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.94	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0693	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.27	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0694	EA	3/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.62	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0695	EA	3/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.90	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0696	EA	3/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.09	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0697	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.56	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0698	EA	3/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.70	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0699	EA	3/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.03	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0700	EA	3/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.38	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0701	EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.84	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0702	EA	3/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.92	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0703	EA	3/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.16	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0704	EA	3/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.21	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0705	EA	3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.74	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	

05 05 23 00-0706 7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0707	EA	7/16" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.53	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0708	EA	7/16" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.12	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0709	EA	7/16" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.57	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0710	EA	7/16" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.55	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0711	EA	7/16" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.59	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0712	EA	7/16" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.63	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0713	EA	7/16" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.21	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0714	EA	7/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.63	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0715	EA	7/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.01	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0716	EA	7/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.66	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0717	EA	7/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.10	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	

05 05 23 00-0718 1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0719	EA	1/2" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.27	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0720	EA	1/2" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.46	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0721	EA	1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.85	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0722	EA	1/2" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.50	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0723	EA	1/2" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.80	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0724	EA	1/2" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.35	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0725	EA	1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.64	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0726	EA	1/2" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.85	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0727	EA	1/2" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.29	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0728	EA	1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.71	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0729	EA	1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.20	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0730	EA	1/2" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.25	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0731	EA	1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.54	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0732	EA	1/2" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.67	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0733	EA	1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.04	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0734	EA	1/2" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.01	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0735	EA	1/2" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.31	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0736	EA	1/2" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.38	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0737	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.55	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	

05 05 23 00-0738 5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0739	EA	5/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.00	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0740	EA	5/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.30	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0741	EA	5/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.50	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0742	EA	5/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.04	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-2.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0743	EA	5/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.48	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-2.86*	
05 05 23 00-0744	EA	5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.46	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-2.86*	
05 05 23 00-0745	EA	5/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.82	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-2.92*	
05 05 23 00-0746	EA	5/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.99	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-2.92*	
05 05 23 00-0747	EA	5/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.29	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-2.92*	
05 05 23 00-0748	EA	5/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.89	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.98*	
05 05 23 00-0749	EA	5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.24	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.98*	
05 05 23 00-0750	EA	5/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.24	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.98*	
05 05 23 00-0751	EA	5/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.50	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.04*	
05 05 23 00-0752	EA	5/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.26	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.04*	
05 05 23 00-0753	EA	5/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.78	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.04*	
05 05 23 00-0754	EA	5/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	19.73	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0755	EA	5/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.56	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0756	EA	5/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	22.47	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0757	EA	5/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	22.61	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	

05 05 23 00-0758 3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0759	EA	3/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.43	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0760	EA	3/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.49	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0761	EA	3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.86	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0762	EA	3/4" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.88	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-2.86*	
05 05 23 00-0763	EA	3/4" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.25	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-2.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0764	EA	3/4" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.13	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-2.86*	
05 05 23 00-0765	EA	3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.80	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-2.92*	
05 05 23 00-0766	EA	3/4" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.88	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-2.92*	
05 05 23 00-0767	EA	3/4" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.07	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-2.92*	
05 05 23 00-0768	EA	3/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.40	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.98*	
05 05 23 00-0769	EA	3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.57	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.98*	
05 05 23 00-0770	EA	3/4" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	19.05	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.98*	
05 05 23 00-0771	EA	3/4" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.20	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.04*	
05 05 23 00-0772	EA	3/4" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.35	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.04*	
05 05 23 00-0773	EA	3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.83	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.04*	
05 05 23 00-0774	EA	3/4" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	21.74	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0775	EA	3/4" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	22.25	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0776	EA	3/4" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	22.53	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0777	EA	3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	22.67	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	

05 05 23 00-0778 7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0779	EA	7/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.31	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0780	EA	7/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.87	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0781	EA	7/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.40	
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.17*	
05 05 23 00-0782	EA	7/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.33	
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.17*	
05 05 23 00-0783	EA	7/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.77	
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.17*	
05 05 23 00-0784	EA	7/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	21.55	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0785	EA	7/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	22.16	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.23*	
05 05 23 00-0786	EA	7/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	22.95	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.23*	
05 05 23 00-0787	EA	7/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	23.71	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.29*	
05 05 23 00-0788	EA	7/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	24.32	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.29*	
05 05 23 00-0789	EA	7/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	29.18	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.29*	
05 05 23 00-0790	EA	7/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	30.05	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.35*	
05 05 23 00-0791	EA	7/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	31.18	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.35*	
05 05 23 00-0792	EA	7/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	31.45	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.35*	
05 05 23 00-0793	EA	7/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	31.98	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-0794	EA	7/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	32.60	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-0795	EA	7/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	33.39	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-0796	EA	7/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	34.13	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	

05 05 23 00-0797 1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0798	EA	1" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.25	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0799	EA	1" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.63	
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.17*	
05 05 23 00-0800	EA	1" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	21.69	
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.17*	
05 05 23 00-0801	EA	1" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	22.52	
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.17*	
05 05 23 00-0802	EA	1" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	24.63	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.23*	
05 05 23 00-0803	EA	1" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	25.05	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.23*	
05 05 23 00-0804	EA	1" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	26.28	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.23*	
05 05 23 00-0805	EA	1" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	26.62	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0806	EA	1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	27.07	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.29*	
05 05 23 00-0807	EA	1" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	31.24	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.29*	
05 05 23 00-0808	EA	1" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	32.22	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.35*	
05 05 23 00-0809	EA	1" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	33.97	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.35*	
05 05 23 00-0810	EA	1" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	35.69	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.35*	
05 05 23 00-0811	EA	1" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	36.42	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-0812	EA	1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	37.82	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-0813	EA	1" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	38.89	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-0814	EA	1" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	40.46	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	

05 05 23 00-0815 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0816 1/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0817	EA	1/4" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.61	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0818	EA	1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.75	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0819	EA	1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.92	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0820	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.11	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0821	EA	1/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.50	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0822	EA	1/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.79	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0823	EA	1/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.12	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0824	EA	1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.57	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0825	EA	1/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.98	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0826	EA	1/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.34	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0827	EA	1/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.86	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0828	EA	1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.48	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0829	EA	1/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.88	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0830	EA	1/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.70	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0831	EA	1/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.05	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0832	EA	1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.88	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	

05 05 23 00-0833 5/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0834	EA	5/16" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.86	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0835	EA	5/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.99	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0836	EA	5/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.25	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0837	EA	5/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.47	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0838	EA	5/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.07	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0839	EA	5/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.20	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0840	EA	5/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.89	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0841	EA	5/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.58	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0842	EA	5/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.35	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0843	EA	5/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.73	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0844	EA	5/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.12	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0845	EA	5/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.05	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0846	EA	5/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.46	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0847	EA	5/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.79	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	

05 05 23 00-0848 3/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0849	EA	3/8" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.19	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0850	EA	3/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.35	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0851	EA	3/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.77	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0852	EA	3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.30	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0853	EA	3/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.78	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0854	EA	3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.20	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0855	EA	3/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.76	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0856	EA	3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.46	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0857	EA	3/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.12	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0858	EA	3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.57	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0859	EA	3/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.95	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0860	EA	3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.15	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0861	EA	3/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.70	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-0862	EA	3/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.51	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0863	EA	3/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.87	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0864	EA	3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.42	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	

05 05 23 00-0865 7/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0866	EA	7/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.58	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0867	EA	7/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.75	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0868	EA	7/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.43	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0869	EA	7/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.04	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0870	EA	7/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.85	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0871	EA	7/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.21	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0872	EA	7/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.02	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0873	EA	7/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.61	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0874	EA	7/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.30	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0875	EA	7/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.69	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0876	EA	7/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.10	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0877	EA	7/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.43	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0878	EA	7/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.92	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	

05 05 23 00-0879 1/2" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0880	EA	1/2" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.56	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0881	EA	1/2" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.75	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0882	EA	1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.81	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0883	EA	1/2" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.45	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0884	EA	1/2" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.41	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0885	EA	1/2" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.94	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0886	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.77	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0887	EA	1/2" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.24	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0888	EA	1/2" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.77	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0889	EA	1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.68	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0890	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.82	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0891	EA	1/2" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.11	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0892	EA	1/2" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.23	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0893	EA	1/2" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.00	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0894	EA	1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	25.22	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0895	EA	1/2" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	31.37	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0896	EA	1/2" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	31.86	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0897	EA	1/2" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	35.22	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0898	EA	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	38.56	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	

05 05 23 00-0899 9/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0900	EA	9/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.12	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0901	EA	9/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.32	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0902	EA	9/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.18	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0903	EA	9/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.17	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0904	EA	9/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.54	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0905	EA	9/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.93	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0906	EA	9/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	30.65	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0907	EA	9/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	31.19	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0908	EA	9/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	36.25	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-0909	EA	9/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	38.84	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-0910	EA	9/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	41.55	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	

05 05 23 00-0911 5/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0912	EA	5/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.47	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0913	EA	5/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.97	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0914	EA	5/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.08	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0915	EA	5/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.64	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-2.86*	
05 05 23 00-0916	EA	5/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.64	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-2.86*	
05 05 23 00-0917	EA	5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.07	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-2.86*	
05 05 23 00-0918	EA	5/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.07	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-2.92*	
05 05 23 00-0919	EA	5/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.08	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-2.92*	
05 05 23 00-0920	EA	5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.69	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-2.92*	
05 05 23 00-0921	EA	5/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.81	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.98*	
05 05 23 00-0922	EA	5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	25.25	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.98*	
05 05 23 00-0923	EA	5/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	30.54	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.98*	
05 05 23 00-0924	EA	5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	33.64	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.04*	
05 05 23 00-0925	EA	5/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	36.04	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.04*	
05 05 23 00-0926	EA	5/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	37.12	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.04*	
05 05 23 00-0927	EA	5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	41.75	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0928	EA	5/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	43.16	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0929	EA	5/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	49.45	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0930	EA	5/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	52.04	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	

05 05 23 00-0931 3/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0932	EA	3/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.77	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0933	EA	3/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.75	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0934	EA	3/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.05	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-0935	EA	3/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.67	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-2.86*	
05 05 23 00-0936	EA	3/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.10	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-2.86*	
05 05 23 00-0937	EA	3/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.51	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-2.86*	
05 05 23 00-0938	EA	3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	25.14	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-2.92*	
05 05 23 00-0939	EA	3/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	27.38	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-2.92*	
05 05 23 00-0940	EA	3/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	29.18	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-2.92*	
05 05 23 00-0941	EA	3/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	31.24	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.98*	
05 05 23 00-0942	EA	3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	33.33	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.98*	
05 05 23 00-0943	EA	3/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	37.25	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.98*	
05 05 23 00-0944	EA	3/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	47.85	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.04*	
05 05 23 00-0945	EA	3/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	51.18	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.04*	
05 05 23 00-0946	EA	3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	58.28	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.04*	
05 05 23 00-0947	EA	3/4" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	58.82	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0948	EA	3/4" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	59.94	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0949	EA	3/4" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	62.97	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0950	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	65.31	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	

05 05 23 00-0951 7/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0952	EA	7/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.98	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0953	EA	7/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	25.43	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0954	EA	7/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	27.52	
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.17*	
05 05 23 00-0955	EA	7/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	30.01	
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.17*	
05 05 23 00-0956	EA	7/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	30.82	
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.17*	
05 05 23 00-0957	EA	7/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	33.07	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.23*	
05 05 23 00-0958	EA	7/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	33.87	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.23*	
05 05 23 00-0959	EA	7/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	39.29	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.23*	
05 05 23 00-0960	EA	7/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	40.31	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.29*	
05 05 23 00-0961	EA	7/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	42.40	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.29*	
05 05 23 00-0962	EA	7/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	53.89	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.29*	
05 05 23 00-0963	EA	7/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	58.49	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.35*	
05 05 23 00-0964	EA	7/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	63.65	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.35*	
05 05 23 00-0965	EA	7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	67.80	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.35*	
05 05 23 00-0966	EA	7/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	80.62	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-0967	EA	7/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	90.72	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-0968	EA	7/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	95.39	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-0969	EA	7/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	100.05	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	

05 05 23 00-0970 1" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0971	EA	1" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	28.93	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0972	EA	1" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	30.72	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-0973	EA	1" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	33.60	
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.17*	
05 05 23 00-0974	EA	1" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	35.86	
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0975	EA	1" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	39.57	
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.17*	
05 05 23 00-0976	EA	1" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	43.95	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.23*	
05 05 23 00-0977	EA	1" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	46.53	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.23*	
05 05 23 00-0978	EA	1" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	50.36	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.23*	
05 05 23 00-0979	EA	1" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	54.16	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.29*	
05 05 23 00-0980	EA	1" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	54.37	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.29*	
05 05 23 00-0981	EA	1" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	64.63	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.29*	
05 05 23 00-0982	EA	1" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	77.80	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.35*	
05 05 23 00-0983	EA	1" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	79.73	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.35*	
05 05 23 00-0984	EA	1" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	81.67	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.35*	
05 05 23 00-0985	EA	1" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	85.74	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-0986	EA	1" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	91.67	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-0987	EA	1" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	118.57	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-0988	EA	1" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	149.91	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	

05 05 23 00-0989 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0990 1/4" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-0991	EA	1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	7.87	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0992	EA	1" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	8.16	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0993	EA	1-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	8.36	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0994	EA	2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	8.51	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0995	EA	2-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	9.12	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0996	EA	3" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	9.49	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0997	EA	3-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	9.85	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0998	EA	4" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	10.34	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0999	EA	4-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	10.65	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-1000	EA	5" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	10.79	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-1001	EA	5-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	11.94	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-1002	EA	6" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	12.20	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-1003	EA	6-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	21.62	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-1004	EA	7" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	33.24	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-1005	EA	7-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	58.39	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-1006	EA	8" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	64.12	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	

05 05 23 00-1007 5/16" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1008	EA	5/16" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt	8.26	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-1009	EA	5/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	8.58	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-1010	EA	5/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.12	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-1011	EA	5/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	9.53	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-1012	EA	5/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.91	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-1013	EA	5/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	10.74	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-1014	EA	5/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	11.32	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-1015	EA	5/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	11.77	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-1016	EA	5/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	13.01	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-1017	EA	5/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	13.26	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1018	EA	5/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	14.34	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-1019	EA	5/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	15.30	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-1020	EA	5/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	23.32	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-1021	EA	5/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	34.92	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	

05 05 23 00-1022 3/8" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1023	EA	3/8" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.11	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-1024	EA	3/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	9.24	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-1025	EA	3/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.74	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-1026	EA	3/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	10.94	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.18*	
05 05 23 00-1027	EA	3/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	11.57	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-1028	EA	3/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	11.79	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-1029	EA	3/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	12.83	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-1030	EA	3/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	13.18	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-1031	EA	3/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	13.84	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-1032	EA	3/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	14.28	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-1033	EA	3/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	15.94	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-1034	EA	3/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	17.70	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-1035	EA	3/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	17.78	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.36*	
05 05 23 00-1036	EA	3/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	22.45	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-1037	EA	3/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	29.71	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-1038	EA	3/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	37.55	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 05 23 00-1039 7/16" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1040	EA	7/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	12.14	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-1041	EA	7/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	12.90	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-1042	EA	7/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	14.30	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-1043	EA	7/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	15.73	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-1044	EA	7/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	17.08	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-1045	EA	7/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	19.30	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-1046	EA	7/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	21.63	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-1047	EA	7/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	22.01	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-1048	EA	7/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	22.83	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-1049	EA	7/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	23.59	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-1050	EA	7/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	24.17	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-1051	EA	7/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	24.75	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-1052	EA	7/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	25.41	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	

05 05 23 00-1053 1/2" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1054	EA	1/2" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	12.10	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-1055	EA	1/2" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	12.91	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-1056	EA	1/2" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	14.05	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-1057	EA	1/2" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	15.62	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-1058	EA	1/2" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	16.87	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-1059	EA	1/2" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	17.18	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-1060	EA	1/2" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	17.90	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1061	EA	1/2" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	20.32	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-1062	EA	1/2" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	25.22	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-1063	EA	1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	25.81	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-1064	EA	1/2" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	26.58	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-1065	EA	1/2" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	32.64	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-1066	EA	1/2" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	36.90	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	
05 05 23 00-1067	EA	1/2" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	39.52	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	
05 05 23 00-1068	EA	1/2" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	43.87	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.73*	
05 05 23 00-1069	EA	1/2" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	55.57	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-1070	EA	1/2" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	62.99	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-1071	EA	1/2" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	64.20	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-1072	EA	1/2" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	66.09	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	

05 05 23 00-1073 9/16" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1074	EA	9/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	32.42	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-1075	EA	9/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	35.08	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-1076	EA	9/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	44.01	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-1077	EA	9/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	49.22	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-1078	EA	9/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	54.49	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-1079	EA	9/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	59.76	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.55*	
05 05 23 00-1080	EA	9/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	63.24	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-1081	EA	9/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	67.59	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1082	EA	9/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	71.45	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.61*	
05 05 23 00-1083	EA	9/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	72.83	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-1084	EA	9/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	76.23	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.67*	
05 05 23 00-1085		5/8" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*		
05 05 23 00-1086	EA	5/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	17.28	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-1087	EA	5/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	17.51	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-1088	EA	5/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	17.59	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-1089	EA	5/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	19.32	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-2.86*	
05 05 23 00-1090	EA	5/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	20.88	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-2.86*	
05 05 23 00-1091	EA	5/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	25.85	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-2.86*	
05 05 23 00-1092	EA	5/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	27.09	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-2.92*	
05 05 23 00-1093	EA	5/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	31.44	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-2.92*	
05 05 23 00-1094	EA	5/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	32.94	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-2.92*	
05 05 23 00-1095	EA	5/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	36.01	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.98*	
05 05 23 00-1096	EA	5/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	37.25	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.98*	
05 05 23 00-1097	EA	5/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	44.85	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.98*	
05 05 23 00-1098	EA	5/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	47.80	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.04*	
05 05 23 00-1099	EA	5/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	48.76	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.04*	
05 05 23 00-1100	EA	5/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	52.32	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.04*	
05 05 23 00-1101	EA	5/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	55.73	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-1102	EA	5/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	58.74	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1103	EA	5/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	73.11	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-1104	EA	5/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	88.46	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	

05 05 23 00-1105 3/4" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1106	EA	3/4" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	23.32	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-1107	EA	3/4" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	23.86	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-1108	EA	3/4" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	25.93	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.80*	
05 05 23 00-1109	EA	3/4" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	27.95	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-2.86*	
05 05 23 00-1110	EA	3/4" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	31.81	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-2.86*	
05 05 23 00-1111	EA	3/4" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	34.05	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-2.86*	
05 05 23 00-1112	EA	3/4" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	39.02	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-2.92*	
05 05 23 00-1113	EA	3/4" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	40.99	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-2.92*	
05 05 23 00-1114	EA	3/4" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	42.08	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-2.92*	
05 05 23 00-1115	EA	3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	43.73	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.98*	
05 05 23 00-1116	EA	3/4" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	46.21	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.98*	
05 05 23 00-1117	EA	3/4" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	53.81	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.98*	
05 05 23 00-1118	EA	3/4" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	65.02	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.04*	
05 05 23 00-1119	EA	3/4" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	73.60	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.04*	
05 05 23 00-1120	EA	3/4" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	74.89	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.04*	
05 05 23 00-1121	EA	3/4" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	80.26	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-1122	EA	3/4" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	93.25	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-1123	EA	3/4" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	94.35	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1124	EA	3/4" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	97.09	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	

05 05 23 00-1125 7/8" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1126	EA	7/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	26.32	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-1127	EA	7/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	29.89	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-1128	EA	7/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	32.05	
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.17*	
05 05 23 00-1129	EA	7/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	37.05	
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.17*	
05 05 23 00-1130	EA	7/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	39.29	
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.17*	
05 05 23 00-1131	EA	7/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	41.47	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.23*	
05 05 23 00-1132	EA	7/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	44.51	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.23*	
05 05 23 00-1133	EA	7/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	51.32	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.23*	
05 05 23 00-1134	EA	7/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	51.71	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.29*	
05 05 23 00-1135	EA	7/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	53.97	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.29*	
05 05 23 00-1136	EA	7/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	73.05	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.29*	
05 05 23 00-1137	EA	7/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	81.67	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.35*	
05 05 23 00-1138	EA	7/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	90.72	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.35*	
05 05 23 00-1139	EA	7/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	95.18	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.35*	
05 05 23 00-1140	EA	7/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	101.19	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-1141	EA	7/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	105.07	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-1142	EA	7/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	108.91	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-1143	EA	7/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	113.24	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	

05 05 23 00-1144 1" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1145	EA	1" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	34.18	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.11*	
05 05 23 00-1146	EA	1" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	39.89	
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.17*	
05 05 23 00-1147	EA	1" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	43.58	
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.17*	
05 05 23 00-1148	EA	1" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	49.47	
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.17*	
05 05 23 00-1149	EA	1" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	51.79	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.23*	
05 05 23 00-1150	EA	1" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	55.78	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.23*	
05 05 23 00-1151	EA	1" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	59.82	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.23*	
05 05 23 00-1152	EA	1" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	64.09	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.29*	
05 05 23 00-1153	EA	1" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	74.51	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.29*	
05 05 23 00-1154	EA	1" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	84.79	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.29*	
05 05 23 00-1155	EA	1" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	99.05	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.35*	
05 05 23 00-1156	EA	1" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	110.86	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.35*	
05 05 23 00-1157	EA	1" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	112.56	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.35*	
05 05 23 00-1158	EA	1" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	116.63	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-1159	EA	1" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	118.26	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-1160	EA	1" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	137.88	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	
05 05 23 00-1161	EA	1" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	156.82	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.42*	

05 05 23 00-1162 Screws *(05 05 23)*

05 05 23 00-1163 Teks® 5 Self Drilling Screws *(05 05 23 00-1162)*

Note: Includes Climaseal® finish, self-drill point and tapping threads.

05 05 23 00-1164	EA	12-24 x 1-1/4", Hex Washer Head, Teks® 5 Self Drilling Screw	4.00	
		For >10 To 50, Deduct	*-0.17*	
		For >50 To 100, Deduct	*-0.36*	
		For >100, Deduct	*-0.72*	
05 05 23 00-1165	EA	12-24 x 1-1/2", Hex Washer Head, Teks® 5 Self Drilling Screw	4.20	
		For >10 To 50, Deduct	*-0.17*	
		For >50 To 100, Deduct	*-0.36*	
		For >100, Deduct	*-0.73*	
05 05 23 00-1166	EA	12-24 x 2", Hex Washer Head, Teks® 5 Self Drilling Screw	4.71	
		For >10 To 50, Deduct	*-0.18*	
		For >50 To 100, Deduct	*-0.39*	
		For >100, Deduct	*-0.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1167	EA	1/4" x 3", 28 TPI, Hex Washer Head, Teks® 5 Self Drilling Screw	6.56	
		For >10 To 50, Deduct	*-0.23*	
		For >50 To 100, Deduct	*-0.51*	
		For >100, Deduct	*-1.02*	
05 05 23 00-1168	EA	1/4" x 4", 28 TPI, Hex Washer Head, Teks® 5 Self Drilling Screw	7.02	
		For >10 To 50, Deduct	*-0.24*	
		For >50 To 100, Deduct	*-0.54*	
		For >100, Deduct	*-1.08*	
05 05 23 00-1169	EA	1/4" x 6", 28 TPI, Hex Washer Head, Teks® 5 Self Drilling Screw	8.84	
		For >10 To 50, Deduct	*-0.25*	
		For >50 To 100, Deduct	*-0.60*	
		For >100, Deduct	*-1.20*	
05 05 23 00-1170	EA	1/4" x 8", 28 TPI, Hex Washer Head, Teks® 5 Self Drilling Screw	9.95	
		For >10 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.65*	
		For >100, Deduct	*-1.29*	

05 05 23 00-1171 Security Screws *(05 05 23 00-1162)*

05 05 23 00-1172 304/18-8 Stainless Steel, Security Screws *(05 05 23 00-1171)*

Note: Includes "security" style drive in machine or sheet metal screw threads.

05 05 23 00-1173	EA	#4 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screws	3.11	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.30*	
		For >100, Deduct	*-0.59*	
05 05 23 00-1174	EA	#6 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.66	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.31*	
		For >100, Deduct	*-0.62*	
05 05 23 00-1175	EA	#6 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	4.14	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.32*	
		For >100, Deduct	*-0.64*	
05 05 23 00-1176	EA	#6 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	4.30	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.33*	
		For >100, Deduct	*-0.65*	
05 05 23 00-1177	EA	#6 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	4.61	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.33*	
		For >100, Deduct	*-0.67*	
05 05 23 00-1178	EA	#8 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.79	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.31*	
		For >100, Deduct	*-0.62*	
05 05 23 00-1179	EA	#8 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	4.01	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.32*	
		For >100, Deduct	*-0.64*	
05 05 23 00-1180	EA	#8 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	4.49	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.33*	
		For >100, Deduct	*-0.66*	
05 05 23 00-1181	EA	#8 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	4.63	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.33*	
		For >100, Deduct	*-0.67*	
05 05 23 00-1182	EA	#10 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.93	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.32*	
		For >100, Deduct	*-0.63*	
05 05 23 00-1183	EA	#10 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	3.99	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.32*	
		For >100, Deduct	*-0.63*	
05 05 23 00-1184	EA	#10 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	4.20	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.32*	
		For >100, Deduct	*-0.65*	
05 05 23 00-1185	EA	#10 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	4.84	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.34*	
		For >100, Deduct	*-0.68*	
05 05 23 00-1186	EA	1/4" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	4.30	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.33*	
		For >100, Deduct	*-0.65*	
05 05 23 00-1187	EA	1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	4.44	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.33*	
		For >100, Deduct	*-0.66*	
05 05 23 00-1188	EA	1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	5.06	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.34*	
		For >100, Deduct	*-0.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1189	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	6.03	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.37*	
		For >100, Deduct	*-0.74*	

05 05 23 00-1190 Threaded Rod *(05 05 23)*

Note: Fully threaded. See CSI section 05 05 19 00-0169 for anchoring adhesive, 05 05 23 00-1283 for nuts and washers.

05 05 23 00-1191 Plain Finish Steel, Low Carbon Threaded Rod *(05 05 23 00-1190)*

05 05 23 00-1192	LF	1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	2.24	0.62
		For Left Hand Threaded Rod, Add	*0.10*	
05 05 23 00-1193	LF	5/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	2.86	0.69
		For Left Hand Threaded Rod, Add	*0.15*	
05 05 23 00-1194	LF	3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.31	0.80
		For Left Hand Threaded Rod, Add	*0.17*	
05 05 23 00-1195	LF	7/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	4.33	0.81
		For Left Hand Threaded Rod, Add	*0.27*	
05 05 23 00-1196	LF	1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	4.44	0.85
		For Left Hand Threaded Rod, Add	*0.28*	
05 05 23 00-1197	LF	9/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	5.40	0.85
		For Left Hand Threaded Rod, Add	*0.37*	
05 05 23 00-1198	LF	5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	6.03	0.87
		For Left Hand Threaded Rod, Add	*0.43*	
05 05 23 00-1199	LF	3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	9.59	0.90
		For Left Hand Threaded Rod, Add	*0.78*	
05 05 23 00-1200	LF	7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	10.42	0.93
		For Left Hand Threaded Rod, Add	*0.86*	
05 05 23 00-1201	LF	1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	14.13	1.04
		For Left Hand Threaded Rod, Add	*1.20*	
05 05 23 00-1202	LF	1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	17.52	1.16
		For Left Hand Threaded Rod, Add	*1.52*	
05 05 23 00-1203	LF	1-1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	23.11	1.26
		For Left Hand Threaded Rod, Add	*2.05*	
05 05 23 00-1204	LF	1-3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	28.60	1.37
		For Left Hand Threaded Rod, Add	*2.59*	
05 05 23 00-1205	LF	1-1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	34.09	1.43
		For Left Hand Threaded Rod, Add	*3.12*	
05 05 23 00-1206	LF	1-3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	41.66	1.49
		For Left Hand Threaded Rod, Add	*3.87*	
05 05 23 00-1207	LF	2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	53.03	1.57
		For Left Hand Threaded Rod, Add	*4.99*	

05 05 23 00-1208 Zinc Plated Steel, Low Carbon Threaded Rod *(05 05 23 00-1190)*

05 05 23 00-1209	LF	1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	2.25	0.62
		For Left Hand Threaded Rod, Add	*0.10*	
05 05 23 00-1210	LF	5/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	3.19	0.69
		For Left Hand Threaded Rod, Add	*0.18*	
05 05 23 00-1211	LF	3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	3.56	0.80
		For Left Hand Threaded Rod, Add	*0.20*	
05 05 23 00-1212	LF	7/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	4.94	0.81
		For Left Hand Threaded Rod, Add	*0.33*	
05 05 23 00-1213	LF	1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	5.30	0.85
		For Left Hand Threaded Rod, Add	*0.36*	
05 05 23 00-1214	LF	9/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	6.80	0.85
		For Left Hand Threaded Rod, Add	*0.51*	
05 05 23 00-1215	LF	5/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	7.20	0.87
		For Left Hand Threaded Rod, Add	*0.55*	
05 05 23 00-1216	LF	3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	10.59	0.90
		For Left Hand Threaded Rod, Add	*0.88*	
05 05 23 00-1217	LF	7/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	13.58	0.93
		For Left Hand Threaded Rod, Add	*1.17*	
05 05 23 00-1218	LF	1" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	18.13	1.04
		For Left Hand Threaded Rod, Add	*1.60*	
05 05 23 00-1219	LF	1-1/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	23.30	1.16
		For Left Hand Threaded Rod, Add	*2.10*	
05 05 23 00-1220	LF	1-1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	27.75	1.26
		For Left Hand Threaded Rod, Add	*2.51*	
05 05 23 00-1221	LF	1-3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	31.48	1.37
		For Left Hand Threaded Rod, Add	*2.88*	
05 05 23 00-1222	LF	1-1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	39.47	1.43
		For Left Hand Threaded Rod, Add	*3.66*	
05 05 23 00-1223	LF	1-3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	48.75	1.49
		For Left Hand Threaded Rod, Add	*4.58*	
05 05 23 00-1224	LF	2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	70.79	1.57
		For Left Hand Threaded Rod, Add	*6.77*	

05 05 23 00-1225 Hot Dipped Galvanized Steel, Low Carbon Threaded Rod *(05 05 23 00-1190)*

05 05 23 00-1226	LF	3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	5.57	0.80
		For Left Hand Threaded Rod, Add	*0.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1227	LF	1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	7.65	0.85
		For Left Hand Threaded Rod, Add	*0.60*	
05 05 23 00-1228	LF	5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	10.17	0.87
		For Left Hand Threaded Rod, Add	*0.84*	
05 05 23 00-1229	LF	3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	13.80	0.90
		For Left Hand Threaded Rod, Add	*1.20*	
05 05 23 00-1230	LF	7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	18.92	0.93
		For Left Hand Threaded Rod, Add	*1.71*	
05 05 23 00-1231	LF	1" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	24.33	1.04
		For Left Hand Threaded Rod, Add	*2.22*	
05 05 23 00-1232	LF	1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	31.90	1.16
		For Left Hand Threaded Rod, Add	*2.96*	
05 05 23 00-1233	LF	1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	41.82	1.26
		For Left Hand Threaded Rod, Add	*3.92*	
05 05 23 00-1234	LF	1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	46.68	1.37
		For Left Hand Threaded Rod, Add	*4.40*	
05 05 23 00-1235	LF	1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	55.45	1.43
		For Left Hand Threaded Rod, Add	*5.26*	
05 05 23 00-1236	LF	1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	67.24	1.49
		For Left Hand Threaded Rod, Add	*6.43*	
05 05 23 00-1237	LF	2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	116.78	1.57
		For Left Hand Threaded Rod, Add	*11.36*	

05 05 23 00-1238 304/18-8 Stainless Steel Threaded Rod *(05 05 23 00-1190)*

05 05 23 00-1239	LF	1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	4.18	0.62
		For Left Hand Threaded Rod, Add	*0.29*	
05 05 23 00-1240	LF	5/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	6.37	0.69
		For Left Hand Threaded Rod, Add	*0.50*	
05 05 23 00-1241	LF	3/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	8.22	0.80
		For Left Hand Threaded Rod, Add	*0.67*	
05 05 23 00-1242	LF	7/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	11.52	0.81
		For Left Hand Threaded Rod, Add	*0.99*	
05 05 23 00-1243	LF	1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod	13.86	0.85
		For Left Hand Threaded Rod, Add	*1.22*	
05 05 23 00-1244	LF	9/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	20.05	0.85
		For Left Hand Threaded Rod, Add	*1.84*	
05 05 23 00-1245	LF	5/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	20.94	0.87
		For Left Hand Threaded Rod, Add	*1.92*	
05 05 23 00-1246	LF	3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	29.43	0.90
		For Left Hand Threaded Rod, Add	*2.77*	
05 05 23 00-1247	LF	7/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	40.59	0.93
		For Left Hand Threaded Rod, Add	*3.88*	
05 05 23 00-1248	LF	1" Diameter, 304/18-8 Stainless Steel Threaded Rod	52.12	1.04
		For Left Hand Threaded Rod, Add	*5.00*	
05 05 23 00-1249	LF	1-1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	110.63	1.26
		For Left Hand Threaded Rod, Add	*10.80*	
05 05 23 00-1250	LF	1-1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod	168.64	1.43
		For Left Hand Threaded Rod, Add	*16.58*	
05 05 23 00-1251	LF	1-3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	173.46	1.49
		For Left Hand Threaded Rod, Add	*17.05*	
05 05 23 00-1252	LF	2" Diameter, 304/18-8 Stainless Steel Threaded Rod	240.19	1.57
		For Left Hand Threaded Rod, Add	*23.71*	

05 05 23 00-1253 316 Stainless Steel Threaded Rod *(05 05 23 00-1190)*

05 05 23 00-1254	LF	1/4" Diameter, 316 Stainless Steel Threaded Rod	6.14	0.62
		For Left Hand Threaded Rod, Add	*0.49*	
05 05 23 00-1255	LF	5/16" Diameter, 316 Stainless Steel Threaded Rod	10.00	0.69
		For Left Hand Threaded Rod, Add	*0.86*	
05 05 23 00-1256	LF	3/8" Diameter, 316 Stainless Steel Threaded Rod	13.32	0.80
		For Left Hand Threaded Rod, Add	*1.18*	
05 05 23 00-1257	LF	7/16" Diameter, 316 Stainless Steel Threaded Rod	20.93	0.81
		For Left Hand Threaded Rod, Add	*1.93*	
05 05 23 00-1258	LF	1/2" Diameter, 316 Stainless Steel Threaded Rod	22.21	0.85
		For Left Hand Threaded Rod, Add	*2.05*	
05 05 23 00-1259	LF	9/16" Diameter, 316 Stainless Steel Threaded Rod	29.22	0.85
		For Left Hand Threaded Rod, Add	*2.75*	
05 05 23 00-1260	LF	5/8" Diameter, 316 Stainless Steel Threaded Rod	31.46	0.87
		For Left Hand Threaded Rod, Add	*2.97*	
05 05 23 00-1261	LF	3/4" Diameter, 316 Stainless Steel Threaded Rod	45.99	0.90
		For Left Hand Threaded Rod, Add	*4.42*	
05 05 23 00-1262	LF	7/8" Diameter, 316 Stainless Steel Threaded Rod	63.07	0.93
		For Left Hand Threaded Rod, Add	*6.12*	
05 05 23 00-1263	LF	1" Diameter, 316 Stainless Steel Threaded Rod	79.86	1.04
		For Left Hand Threaded Rod, Add	*7.78*	
05 05 23 00-1264	LF	1-1/4" Diameter, 316 Stainless Steel Threaded Rod	168.90	1.26
		For Left Hand Threaded Rod, Add	*16.63*	
05 05 23 00-1265	LF	1-1/2" Diameter, 316 Stainless Steel Threaded Rod	221.48	1.43
		For Left Hand Threaded Rod, Add	*21.86*	

05 05 23 00-1266 Plain Finish Steel, B-7 Alloy Threaded Rod *(05 05 23 00-1190)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1267	LF	1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	3.62	0.62
		For Zinc Plating, Add	*1.18*	
05 05 23 00-1268	LF	5/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	5.43	0.69
		For Zinc Plating, Add	*2.03*	
05 05 23 00-1269	LF	3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	5.71	0.80
		For Zinc Plating, Add	*2.07*	
05 05 23 00-1270	LF	7/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	6.21	0.81
		For Zinc Plating, Add	*2.30*	
05 05 23 00-1271	LF	1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	6.81	0.85
		For Zinc Plating, Add	*2.57*	
05 05 23 00-1272	LF	9/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	8.41	0.85
		For Zinc Plating, Add	*3.36*	
05 05 23 00-1273	LF	5/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	8.67	0.87
		For Zinc Plating, Add	*3.47*	
05 05 23 00-1274	LF	3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	11.37	0.90
		For Zinc Plating, Add	*4.80*	
05 05 23 00-1275	LF	7/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	13.55	0.93
		For Zinc Plating, Add	*5.86*	
05 05 23 00-1276	LF	1" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	17.51	1.04
		For Zinc Plating, Add	*7.71*	
05 05 23 00-1277	LF	1-1/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	22.68	1.16
		For Zinc Plating, Add	*10.18*	
05 05 23 00-1278	LF	1-1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	25.25	1.26
		For Zinc Plating, Add	*11.32*	
05 05 23 00-1279	LF	1-3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	29.06	1.37
		For Zinc Plating, Add	*13.17*	
05 05 23 00-1280	LF	1-1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	35.22	1.43
		For Zinc Plating, Add	*16.19*	
05 05 23 00-1281	LF	1-3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	36.42	1.49
		For Zinc Plating, Add	*16.72*	
05 05 23 00-1282	LF	2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	48.66	1.57
		For Zinc Plating, Add	*22.76*	

05 05 23 00-1283 Nuts And Washers *(05 05 23)*

05 05 23 00-1284 Hex Nuts *(05 05 23 00-1283)*

05 05 23 00-1285 Zinc Plated Steel, Low Carbon/Grade 2 Hex Nuts *(05 05 23 00-1284)*

05 05 23 00-1286	EA	1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.65	0.29
05 05 23 00-1287	EA	5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.73	0.29
05 05 23 00-1288	EA	3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.79	0.29
05 05 23 00-1289	EA	7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.93	0.29
05 05 23 00-1290	EA	1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.01	0.29
05 05 23 00-1291	EA	9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.38	0.29
05 05 23 00-1292	EA	5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.43	0.29
05 05 23 00-1293	EA	3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.71	0.57
05 05 23 00-1294	EA	7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.58	0.57
05 05 23 00-1295	EA	1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	3.30	0.57
05 05 23 00-1296	EA	1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	5.50	0.57
05 05 23 00-1297	EA	1-1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	6.75	0.57
05 05 23 00-1298	EA	1-3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	10.03	0.57
05 05 23 00-1299	EA	1-1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	11.65	0.87
05 05 23 00-1300	EA	1-3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	17.21	0.87
05 05 23 00-1301	EA	2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	24.98	0.87

05 05 23 00-1302 Zinc Plated Steel, Grade 5 Hex Nuts *(05 05 23 00-1284)*

05 05 23 00-1303	EA	1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.68	0.29
05 05 23 00-1304	EA	5/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.74	0.29
05 05 23 00-1305	EA	3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.82	0.29
05 05 23 00-1306	EA	7/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.97	0.29
05 05 23 00-1307	EA	1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.15	0.29
05 05 23 00-1308	EA	9/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.42	0.29
05 05 23 00-1309	EA	5/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.46	0.29
05 05 23 00-1310	EA	3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.96	0.57
05 05 23 00-1311	EA	7/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	2.83	0.57
05 05 23 00-1312	EA	1" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	4.04	0.57
05 05 23 00-1313	EA	1-1/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	6.24	0.57
05 05 23 00-1314	EA	1-1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	8.88	0.57
05 05 23 00-1315	EA	1-3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	13.15	0.57
05 05 23 00-1316	EA	1-1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	14.54	0.87
05 05 23 00-1317	EA	1-3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	26.43	0.87
05 05 23 00-1318	EA	2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	38.01	0.87

05 05 23 00-1319 Zinc Plated Steel, Grade 8 Hex Nuts *(05 05 23 00-1284)*

05 05 23 00-1320	EA	1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.69	0.29
05 05 23 00-1321	EA	5/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.81	0.29
05 05 23 00-1322	EA	3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.88	0.29
05 05 23 00-1323	EA	7/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.13	0.29
05 05 23 00-1324	EA	1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.37	0.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1325	EA	9/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.67	0.29
05 05 23 00-1326	EA	5/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.92	0.29
05 05 23 00-1327	EA	3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	2.41	0.57
05 05 23 00-1328	EA	7/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	3.69	0.57
05 05 23 00-1329	EA	1" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	4.95	0.57
05 05 23 00-1330	EA	1-1/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	7.84	0.57
05 05 23 00-1331	EA	1-1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	9.81	0.57
05 05 23 00-1332	EA	1-3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	16.30	0.57
05 05 23 00-1333	EA	1-1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	17.31	0.87
05 05 23 00-1334	EA	1-3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	26.51	0.87
05 05 23 00-1335	EA	2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	37.58	0.87
05 05 23 00-1336		**Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nuts** *(05 05 23 00-1284)*		
05 05 23 00-1337	EA	1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.69	0.29
05 05 23 00-1338	EA	5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.78	0.29
05 05 23 00-1339	EA	3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.85	0.29
05 05 23 00-1340	EA	7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.10	0.29
05 05 23 00-1341	EA	1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.28	0.29
05 05 23 00-1342	EA	9/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.44	0.29
05 05 23 00-1343	EA	5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.60	0.29
05 05 23 00-1344	EA	3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	2.18	0.57
05 05 23 00-1345	EA	7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	3.24	0.57
05 05 23 00-1346	EA	1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	4.51	0.57
05 05 23 00-1347	EA	1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	7.58	0.57
05 05 23 00-1348	EA	1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	9.75	0.57
05 05 23 00-1349	EA	1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	14.58	0.57
05 05 23 00-1350	EA	1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	17.04	0.87
05 05 23 00-1351	EA	1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	29.89	0.87
05 05 23 00-1352	EA	2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	51.90	0.87
05 05 23 00-1353		**304 Stainless Steel Hex Nuts** *(05 05 23 00-1284)*		
05 05 23 00-1354	EA	1/4" Diameter, 304 Stainless Steel Hex Nut	0.81	0.29
05 05 23 00-1355	EA	5/16" Diameter, 304 Stainless Steel Hex Nut	0.97	0.29
05 05 23 00-1356	EA	3/8" Diameter, 304 Stainless Steel Hex Nut	1.11	0.29
05 05 23 00-1357	EA	7/16" Diameter, 304 Stainless Steel Hex Nut	1.74	0.29
05 05 23 00-1358	EA	1/2" Diameter, 304 Stainless Steel Hex Nut	1.89	0.29
05 05 23 00-1359	EA	9/16" Diameter, 304 Stainless Steel Hex Nut	2.99	0.29
05 05 23 00-1360	EA	5/8" Diameter, 304 Stainless Steel Hex Nut	3.36	0.29
05 05 23 00-1361	EA	3/4" Diameter, 304 Stainless Steel Hex Nut	3.88	0.57
05 05 23 00-1362	EA	7/8" Diameter, 304 Stainless Steel Hex Nut	6.53	0.57
05 05 23 00-1363	EA	1" Diameter, 304 Stainless Steel Hex Nut	10.09	0.57
05 05 23 00-1364	EA	1-1/4" Diameter, 304 Stainless Steel Hex Nut	24.60	0.57
05 05 23 00-1365	EA	1-1/2" Diameter, 304 Stainless Steel Hex Nut	47.60	0.87
05 05 23 00-1366	EA	1-3/4" Diameter, 304 Stainless Steel Hex Nut	84.00	0.87
05 05 23 00-1367	EA	2" Diameter, 304 Stainless Steel Hex Nut	119.89	0.87
05 05 23 00-1368		**316 Stainless Steel Hex Nuts** *(05 05 23 00-1284)*		
05 05 23 00-1369	EA	1/4" Diameter, 316 Stainless Steel Hex Nut	0.97	0.29
05 05 23 00-1370	EA	5/16" Diameter, 316 Stainless Steel Hex Nut	1.12	0.29
05 05 23 00-1371	EA	3/8" Diameter, 316 Stainless Steel Hex Nut	1.36	0.29
05 05 23 00-1372	EA	7/16" Diameter, 316 Stainless Steel Hex Nut	2.36	0.29
05 05 23 00-1373	EA	1/2" Diameter, 316 Stainless Steel Hex Nut	2.53	0.29
05 05 23 00-1374	EA	9/16" Diameter, 316 Stainless Steel Hex Nut	3.53	0.29
05 05 23 00-1375	EA	5/8" Diameter, 316 Stainless Steel Hex Nut	4.01	0.29
05 05 23 00-1376	EA	3/4" Diameter, 316 Stainless Steel Hex Nut	5.68	0.57
05 05 23 00-1377	EA	7/8" Diameter, 316 Stainless Steel Hex Nut	7.99	0.57
05 05 23 00-1378	EA	1" Diameter, 316 Stainless Steel Hex Nut	12.43	0.57
05 05 23 00-1379	EA	1-1/4" Diameter, 316 Stainless Steel Hex Nut	38.37	0.57
05 05 23 00-1380	EA	1-1/2" Diameter, 316 Stainless Steel Hex Nut	62.27	0.87
05 05 23 00-1381	EA	1-3/4" Diameter, 316 Stainless Steel Hex Nut	105.38	0.87
05 05 23 00-1382	EA	2" Diameter, 316 Stainless Steel Hex Nut	196.27	0.87
05 05 23 00-1383		**Flat Washers** *(05 05 23 00-1283)*		
05 05 23 00-1384		**Zinc Plated Steel, Low Carbon Flat Washers** *(05 05 23 00-1383)*		
05 05 23 00-1385	EA	1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.06	
05 05 23 00-1386	EA	5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.09	
05 05 23 00-1387	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.16	
05 05 23 00-1388	EA	7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.25	
05 05 23 00-1389	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.35	
05 05 23 00-1390	EA	9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.40	
05 05 23 00-1391	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.68	
05 05 23 00-1392	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.98	
05 05 23 00-1393	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.17	
05 05 23 00-1394	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.43	
05 05 23 00-1395	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.62	
05 05 23 00-1396	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.93	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1397	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	3.03	
05 05 23 00-1398	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	3.11	
05 05 23 00-1399	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	4.60	
05 05 23 00-1400	EA	2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	5.72	
05 05 23 00-1401		**Zinc Plated Steel, Hardened Flat Washers** *(05 05 23 00-1383)*		
05 05 23 00-1402	EA	1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.21	
05 05 23 00-1403	EA	5/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.29	
05 05 23 00-1404	EA	3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.33	
05 05 23 00-1405	EA	7/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.45	
05 05 23 00-1406	EA	1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.61	
05 05 23 00-1407	EA	9/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.98	
05 05 23 00-1408	EA	5/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	1.40	
05 05 23 00-1409	EA	3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	1.98	
05 05 23 00-1410	EA	7/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	3.30	
05 05 23 00-1411	EA	1" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	3.66	
05 05 23 00-1412	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	5.33	
05 05 23 00-1413	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	5.81	
05 05 23 00-1414	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	7.67	
05 05 23 00-1415	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	8.77	
05 05 23 00-1416	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	11.79	
05 05 23 00-1417	EA	2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	14.14	
05 05 23 00-1418		**Hot Dipped Galvanized Steel Flat Washers** *(05 05 23 00-1383)*		
05 05 23 00-1419	EA	1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.14	
05 05 23 00-1420	EA	5/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.20	
05 05 23 00-1421	EA	3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.22	
05 05 23 00-1422	EA	7/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.41	
05 05 23 00-1423	EA	1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.53	
05 05 23 00-1424	EA	9/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.86	
05 05 23 00-1425	EA	5/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.96	
05 05 23 00-1426	EA	3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	1.46	
05 05 23 00-1427	EA	7/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	2.06	
05 05 23 00-1428	EA	1" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	2.26	
05 05 23 00-1429	EA	1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	3.46	
05 05 23 00-1430	EA	1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	3.85	
05 05 23 00-1431	EA	1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	5.50	
05 05 23 00-1432	EA	1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	5.96	
05 05 23 00-1433	EA	1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	8.64	
05 05 23 00-1434		**304/18-8 Stainless Steel Flat Washers** *(05 05 23 00-1383)*		
05 05 23 00-1435	EA	1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.18	
05 05 23 00-1436	EA	5/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.24	
05 05 23 00-1437	EA	3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.34	
05 05 23 00-1438	EA	7/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.64	
05 05 23 00-1439	EA	1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	1.16	
05 05 23 00-1440	EA	9/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	1.45	
05 05 23 00-1441	EA	5/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	2.12	
05 05 23 00-1442	EA	3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	2.16	
05 05 23 00-1443	EA	7/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	4.56	
05 05 23 00-1444	EA	1" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	5.77	
05 05 23 00-1445	EA	1-1/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	6.72	
05 05 23 00-1446	EA	1-1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	7.24	
05 05 23 00-1447	EA	1-3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	7.65	
05 05 23 00-1448	EA	1-1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	9.33	
05 05 23 00-1449	EA	1-3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	11.59	
05 05 23 00-1450	EA	2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	22.77	
05 05 23 00-1451		**316 Stainless Steel Flat Washers** *(05 05 23 00-1383)*		
05 05 23 00-1452	EA	1/4" Inside Diameter, 316 Stainless Steel Flat Washer	0.35	
05 05 23 00-1453	EA	5/16" Inside Diameter, 316 Stainless Steel Flat Washer	0.39	
05 05 23 00-1454	EA	3/8" Inside Diameter, 316 Stainless Steel Flat Washer	0.69	
05 05 23 00-1455	EA	7/16" Inside Diameter, 316 Stainless Steel Flat Washer	0.81	
05 05 23 00-1456	EA	1/2" Inside Diameter, 316 Stainless Steel Flat Washer	1.50	
05 05 23 00-1457	EA	9/16" Inside Diameter, 316 Stainless Steel Flat Washer	2.70	
05 05 23 00-1458	EA	5/8" Inside Diameter, 316 Stainless Steel Flat Washer	3.19	
05 05 23 00-1459	EA	3/4" Inside Diameter, 316 Stainless Steel Flat Washer	4.02	
05 05 23 00-1460	EA	7/8" Inside Diameter, 316 Stainless Steel Flat Washer	6.22	
05 05 23 00-1461	EA	1" Inside Diameter, 316 Stainless Steel Flat Washer	6.95	
05 05 23 00-1462	EA	1-1/8" Inside Diameter, 316 Stainless Steel Flat Washer	7.92	
05 05 23 00-1463	EA	1-1/4" Inside Diameter, 316 Stainless Steel Flat Washer	9.75	
05 05 23 00-1464	EA	1-3/8" Inside Diameter, 316 Stainless Steel Flat Washer	10.31	
05 05 23 00-1465	EA	1-1/2" Inside Diameter, 316 Stainless Steel Flat Washer	10.54	
05 05 23 00-1466	EA	1-3/4" Inside Diameter, 316 Stainless Steel Flat Washer	15.45	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1467		Lock Washers *(05 05 23 00-1283)*		
05 05 23 00-1468		Zinc Plated Steel, Low Carbon Lock Washers *(05 05 23 00-1467)*		
05 05 23 00-1469	EA	1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.02	
05 05 23 00-1470	EA	5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.04	
05 05 23 00-1471	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.06	
05 05 23 00-1472	EA	7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.10	
05 05 23 00-1473	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.14	
05 05 23 00-1474	EA	9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.23	
05 05 23 00-1475	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.25	
05 05 23 00-1476	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.39	
05 05 23 00-1477	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.65	
05 05 23 00-1478	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	1.17	
05 05 23 00-1479	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	1.71	
05 05 23 00-1480	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	2.62	
05 05 23 00-1481	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	4.15	
05 05 23 00-1482	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	4.89	
05 05 23 00-1483	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	8.72	
05 05 23 00-1484	EA	2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	9.82	
05 05 23 00-1485		Hot Dipped Galvanized Steel Lock Washers *(05 05 23 00-1467)*		
05 05 23 00-1486	EA	1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.11	
05 05 23 00-1487	EA	5/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.13	
05 05 23 00-1488	EA	3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.17	
05 05 23 00-1489	EA	7/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.18	
05 05 23 00-1490	EA	1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.29	
05 05 23 00-1491	EA	9/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.38	
05 05 23 00-1492	EA	5/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.45	
05 05 23 00-1493	EA	3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.75	
05 05 23 00-1494	EA	7/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	1.08	
05 05 23 00-1495	EA	1" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	1.71	
05 05 23 00-1496	EA	1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	3.10	
05 05 23 00-1497	EA	1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	3.69	
05 05 23 00-1498	EA	1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	5.33	
05 05 23 00-1499	EA	1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	6.10	
05 05 23 00-1500	EA	1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	8.25	
05 05 23 00-1501	EA	2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	11.24	
05 05 23 00-1502		304/18-8 Stainless Steel Lock Washers *(05 05 23 00-1467)*		
05 05 23 00-1503	EA	1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.15	
05 05 23 00-1504	EA	5/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.21	
05 05 23 00-1505	EA	3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.30	
05 05 23 00-1506	EA	7/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.56	
05 05 23 00-1507	EA	1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.61	
05 05 23 00-1508	EA	9/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	1.49	
05 05 23 00-1509	EA	5/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	1.76	
05 05 23 00-1510	EA	3/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	2.05	
05 05 23 00-1511	EA	7/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	3.71	
05 05 23 00-1512	EA	1" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	5.23	
05 05 23 00-1513	EA	1-1/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	9.13	
05 05 23 00-1514	EA	1-1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	12.15	
05 05 23 00-1515	EA	1-3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	15.45	
05 05 23 00-1516	EA	1-1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	18.54	
05 05 23 00-1517		316 Stainless Steel Lock Washers *(05 05 23 00-1467)*		
05 05 23 00-1518	EA	1/4" Inside Diameter, 316 Stainless Steel Lock Washer	0.18	
05 05 23 00-1519	EA	5/16" Inside Diameter, 316 Stainless Steel Lock Washer	0.40	
05 05 23 00-1520	EA	3/8" Inside Diameter, 316 Stainless Steel Lock Washer	0.47	
05 05 23 00-1521	EA	7/16" Inside Diameter, 316 Stainless Steel Lock Washer	0.80	
05 05 23 00-1522	EA	1/2" Inside Diameter, 316 Stainless Steel Lock Washer	0.89	
05 05 23 00-1523	EA	9/16" Inside Diameter, 316 Stainless Steel Lock Washer	1.59	
05 05 23 00-1524	EA	5/8" Inside Diameter, 316 Stainless Steel Lock Washer	1.74	
05 05 23 00-1525	EA	3/4" Inside Diameter, 316 Stainless Steel Lock Washer	3.01	
05 05 23 00-1526	EA	7/8" Inside Diameter, 316 Stainless Steel Lock Washer	4.98	
05 05 23 00-1527	EA	1" Inside Diameter, 316 Stainless Steel Lock Washer	6.78	
05 05 23 00-1528	EA	1-1/8" Inside Diameter, 316 Stainless Steel Lock Washer	9.46	
05 05 23 00-1529	EA	1-1/4" Inside Diameter, 316 Stainless Steel Lock Washer	14.56	
05 05 23 00-1530	EA	1-3/8" Inside Diameter, 316 Stainless Steel Lock Washer	26.07	
05 05 23 00-1531	EA	1-1/2" Inside Diameter, 316 Stainless Steel Lock Washer	28.95	
05 05 23 00-1532		Load Indicating Washers *(05 05 23 00-1283)*		
05 05 23 00-1533		A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) *(05 05 23 00-1532)*		
05 05 23 00-1534		Plain Finish, A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) *(05 05 23 00-1533)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1535	EA	1/2", Plain Finish, (ASTM F959) A325, Direct Tension Indicator, Load Indicating Washer	2.84	
05 05 23 00-1536	EA	5/8", Plain Finish, (ASTM F959) A325, Direct Tension Indicator, Load Indicating Washer	3.22	
05 05 23 00-1537	EA	3/4", Plain Finish, (ASTM F959) A325, Direct Tension Indicator, Load Indicating Washer	3.47	
05 05 23 00-1538	EA	7/8", Plain Finish, (ASTM F959) A325, Direct Tension Indicator, Load Indicating Washer	3.94	
05 05 23 00-1539	EA	1", Plain Finish, (ASTM F959) A325, Direct Tension Indicator, Load Indicating Washer	4.76	
05 05 23 00-1540	EA	1-1/8", Plain Finish, (ASTM F959) A325, Direct Tension Indicator, Load Indicating Washer	7.92	
05 05 23 00-1541	EA	1-1/4", Plain Finish, (ASTM F959) A325, Direct Tension Indicator, Load Indicating Washer	10.23	
05 05 23 00-1542	EA	1-3/8", Plain Finish, (ASTM F959) A325, Direct Tension Indicator, Load Indicating Washer	13.06	
05 05 23 00-1543	EA	1-1/2", Plain Finish, (ASTM F959) A325, Direct Tension Indicator, Load Indicating Washer	14.36	
05 05 23 00-1544		Galvanized, A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) *(05 05 23 00-1533)*		
05 05 23 00-1545	EA	1/2", Galvanized, (ASTM F959) A325, Direct Tension Indicator, Load Indicating Washer	3.60	
05 05 23 00-1546	EA	5/8", Galvanized, (ASTM F959) A325, Direct Tension Indicator, Load Indicating Washer	4.01	
05 05 23 00-1547	EA	3/4", Galvanized, (ASTM F959) A325, Direct Tension Indicator, Load Indicating Washer	3.90	
05 05 23 00-1548	EA	7/8", Galvanized, (ASTM F959) A325, Direct Tension Indicator, Load Indicating Washer	4.76	
05 05 23 00-1549	EA	1", Galvanized, (ASTM F959) A325, Direct Tension Indicator, Load Indicating Washer	5.64	
05 05 23 00-1550	EA	1-1/8", Galvanized, (ASTM F959) A325, Direct Tension Indicator, Load Indicating Washer	8.50	
05 05 23 00-1551	EA	1-1/4", Galvanized, (ASTM F959) A325, Direct Tension Indicator, Load Indicating Washer	10.70	
05 05 23 00-1552	EA	1-3/8", Galvanized, (ASTM F959) A325, Direct Tension Indicator, Load Indicating Washer	15.23	
05 05 23 00-1553	EA	1-1/2", Galvanized, (ASTM F959) A325, Direct Tension Indicator, Load Indicating Washer	16.75	
05 05 23 00-1554		Beveled Washers *(05 05 23 00-1283)*		
05 05 23 00-1555		Plain Finish, Square Beveled Structural Washers (ASTM F436) *(05 05 23 00-1554)*		
05 05 23 00-1556	EA	1/2", Plain Finish, (ASTM F436) Square Beveled Structural Washer	4.70	
05 05 23 00-1557	EA	5/8", Plain Finish, (ASTM F436) Square Beveled Structural Washer	4.79	
05 05 23 00-1558	EA	3/4", Plain Finish, (ASTM F436) Square Beveled Structural Washer	4.90	
05 05 23 00-1559	EA	7/8", Plain Finish, (ASTM F436) Square Beveled Structural Washer	5.96	
05 05 23 00-1560	EA	1", Plain Finish, (ASTM F436) Square Beveled Structural Washer	6.27	
05 05 23 00-1561		Galvanized, Square Beveled Structural Washers (ASTM F436) *(05 05 23 00-1554)*		
05 05 23 00-1562	EA	1/2", Galvanized, (ASTM F436) Square Beveled Structural Washer	6.76	
05 05 23 00-1563	EA	5/8", Galvanized, (ASTM F436) Square Beveled Structural Washer	7.06	
05 05 23 00-1564	EA	3/4", Galvanized, (ASTM F436) Square Beveled Structural Washer	7.06	
05 05 23 00-1565	EA	7/8", Galvanized, (ASTM F436) Square Beveled Structural Washer	7.46	
05 05 23 00-1566	EA	1", Galvanized, (ASTM F436) Square Beveled Structural Washer	7.94	
05 05 23 00-1567		Drilling In Existing Steel Plates *(05 05 23)*		
05 05 23 00-1568	EA	Up To 1/2" Diameter Drill Through Up To 1/4" Steel Plate	26.03	
		For Aluminum, Deduct	*-2.60*	
		For Stainless Steel, Add	*3.25*	
		For >5 To 10, Deduct	*-2.60*	
		For >10 To 25, Deduct	*-6.51*	
		For >25 To 50, Deduct	*-9.11*	
		For >50, Deduct	*-13.02*	
05 05 23 00-1569	EA	>1/2" To 7/8" Diameter Drill Through Up To 1/4" Steel Plate	30.63	
		For Aluminum, Deduct	*-3.06*	
		For Stainless Steel, Add	*3.83*	
		For >5 To 10, Deduct	*-3.06*	
		For >10 To 25, Deduct	*-7.66*	
		For >25 To 50, Deduct	*-10.72*	
		For >50, Deduct	*-15.32*	
05 05 23 00-1570	EA	>7/8" To 1-1/2" Diameter Drill Through Up To 1/4" Steel Plate	36.76	
		For Aluminum, Deduct	*-3.68*	
		For Stainless Steel, Add	*4.60*	
		For >5 To 10, Deduct	*-3.68*	
		For >10 To 25, Deduct	*-9.19*	
		For >25 To 50, Deduct	*-12.87*	
		For >50, Deduct	*-18.38*	
05 05 23 00-1571	EA	>1-1/2" To 4" Diameter Drill Through Up To 1/4" Steel Plate	42.89	
		For Aluminum, Deduct	*-4.29*	
		For Stainless Steel, Add	*5.36*	
		For >5 To 10, Deduct	*-4.29*	
		For >10 To 25, Deduct	*-10.72*	
		For >25 To 50, Deduct	*-15.01*	
		For >50, Deduct	*-21.45*	
05 05 23 00-1572	EA	>4" To 10" Diameter Drill Through Up To 1/4" Steel Plate	57.43	
		For Aluminum, Deduct	*-5.74*	
		For Stainless Steel, Add	*7.18*	
		For >5 To 10, Deduct	*-5.74*	
		For >10 To 25, Deduct	*-14.36*	
		For >25 To 50, Deduct	*-20.10*	
		For >50, Deduct	*-28.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1573	EA	Up To 1/2" Diameter Drill Through >1/4" To 1/2" Steel Plate	30.63	
		For Aluminum, Deduct	*-3.06*	
		For Stainless Steel, Add	*3.83*	
		For >5 To 10, Deduct	*-3.06*	
		For >10 To 25, Deduct	*-7.66*	
		For >25 To 50, Deduct	*-10.72*	
		For >50, Deduct	*-15.32*	
05 05 23 00-1574	EA	>1/2" To 7/8" Diameter Drill Through >1/4" To 1/2" Steel Plate	38.29	
		For Aluminum, Deduct	*-3.83*	
		For Stainless Steel, Add	*4.79*	
		For >5 To 10, Deduct	*-3.83*	
		For >10 To 25, Deduct	*-9.57*	
		For >25 To 50, Deduct	*-13.40*	
		For >50, Deduct	*-19.15*	
05 05 23 00-1575	EA	>7/8" To 1-1/2" Diameter Drill Through >1/4" To 1/2" Steel Plate	45.95	
		For Aluminum, Deduct	*-4.60*	
		For Stainless Steel, Add	*5.74*	
		For >5 To 10, Deduct	*-4.60*	
		For >10 To 25, Deduct	*-11.49*	
		For >25 To 50, Deduct	*-16.08*	
		For >50, Deduct	*-22.98*	
05 05 23 00-1576	EA	>1-1/2" To 4" Diameter Drill Through >1/4" To 1/2" Steel Plate	57.43	
		For Aluminum, Deduct	*-5.74*	
		For Stainless Steel, Add	*7.18*	
		For >5 To 10, Deduct	*-5.74*	
		For >10 To 25, Deduct	*-14.36*	
		For >25 To 50, Deduct	*-20.10*	
		For >50, Deduct	*-28.72*	
05 05 23 00-1577	EA	Up To 1/2" Diameter Drill Through >1/2" To 1" Steel Plate	38.29	
		For Aluminum, Deduct	*-3.83*	
		For Stainless Steel, Add	*4.79*	
		For >5 To 10, Deduct	*-3.83*	
		For >10 To 25, Deduct	*-9.57*	
		For >25 To 50, Deduct	*-13.40*	
		For >50, Deduct	*-19.15*	
05 05 23 00-1578	EA	>1/2" To 7/8" Diameter Drill Through >1/2" To 1" Steel Plate	50.53	
		For Aluminum, Deduct	*-5.05*	
		For Stainless Steel, Add	*6.32*	
		For >5 To 10, Deduct	*-5.05*	
		For >10 To 25, Deduct	*-12.63*	
		For >25 To 50, Deduct	*-17.69*	
		For >50, Deduct	*-25.27*	
05 05 23 00-1579	EA	>7/8" To 1-1/2" Diameter Drill Through >1/2" To 1" Steel Plate	61.26	
		For Aluminum, Deduct	*-6.13*	
		For Stainless Steel, Add	*7.66*	
		For >5 To 10, Deduct	*-6.13*	
		For >10 To 25, Deduct	*-15.32*	
		For >25 To 50, Deduct	*-21.44*	
		For >50, Deduct	*-30.63*	

05 05 23 00-1580 Cutting Existing Steel With Torch *(05 05 23)*

05 05 23 00-1581	LF	Torch Cutting, Milled Steel Up To 1/4" Thick	7.83	

05 05 23 00-1582 Welded Stud Anchors *(05 05 23)*

05 05 23 00-1583	EA	1-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors	4.79	
05 05 23 00-1584	EA	2-11/16" Long x 1/4" Diameter, Welded Stud Concrete Anchors	4.89	
05 05 23 00-1585	EA	3-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors	4.93	
05 05 23 00-1586	EA	4-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors	4.97	
05 05 23 00-1587	EA	1-3/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	4.73	
05 05 23 00-1588	EA	1-5/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	4.98	
05 05 23 00-1589	EA	2-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	5.22	
05 05 23 00-1590	EA	2-5/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	5.35	
05 05 23 00-1591	EA	3-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	5.48	
05 05 23 00-1592	EA	4-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	5.99	
05 05 23 00-1593	EA	5-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	6.41	
05 05 23 00-1594	EA	6-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	6.74	
05 05 23 00-1595	EA	1-1/2" Long x 1/2" Diameter, Welded Stud Concrete Anchors	5.79	
05 05 23 00-1596	EA	1-5/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	5.82	
05 05 23 00-1597	EA	2-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	6.21	
05 05 23 00-1598	EA	2-5/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	6.57	
05 05 23 00-1599	EA	3-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	7.01	
05 05 23 00-1600	EA	4-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	7.71	
05 05 23 00-1601	EA	5-5/16" Long x 1/2" Diameter, Welded Stud Concrete Anchors	8.15	
05 05 23 00-1602	EA	6-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	9.37	
05 05 23 00-1603	EA	8-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	11.68	
05 05 23 00-1604	EA	2-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	8.19	
05 05 23 00-1605	EA	3-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	8.78	
05 05 23 00-1606	EA	3-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	9.25	
05 05 23 00-1607	EA	4-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	9.72	
05 05 23 00-1608	EA	4-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	10.11	
05 05 23 00-1609	EA	5-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	10.47	
05 05 23 00-1610	EA	6-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	10.94	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1611	EA	6-9/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	12.91	
05 05 23 00-1612	EA	8-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	15.63	

05 05 23 00-1613 Welded Shear Stud Connector *(05 05 23)*

05 05 23 00-1614 3/4" Diameter Welded Shear Stud Connector *(05 05 23 00-1613)*

05 05 23 00-1615	EA	3/4" Diameter x 3-3/16" Long, Welded Shear Stud Connector	10.48	
05 05 23 00-1616	EA	3/4" Diameter x 3-3/8" Long, Welded Shear Stud Connector	10.90	
05 05 23 00-1617	EA	3/4" Diameter x 3-7/8" Long, Welded Shear Stud Connector	11.01	
05 05 23 00-1618	EA	3/4" Diameter x 4-3/16" Long, Welded Shear Stud Connector	11.06	
05 05 23 00-1619	EA	3/4" Diameter x 4-3/8" Long, Welded Shear Stud Connector	11.53	
05 05 23 00-1620	EA	3/4" Diameter x 4-11/16" Long, Welded Shear Stud Connector	12.39	
05 05 23 00-1621	EA	3/4" Diameter x 4-7/8" Long, Welded Shear Stud Connector	20.75	
05 05 23 00-1622	EA	3/4" Diameter x 5-3/16" Long, Welded Shear Stud Connector	13.39	
05 05 23 00-1623	EA	3/4" Diameter x 5-3/8" Long, Welded Shear Stud Connector	14.92	
05 05 23 00-1624	EA	3/4" Diameter x 6-3/16" Long, Welded Shear Stud Connector	19.60	
05 05 23 00-1625	EA	3/4" Diameter x 7-3/16" Long, Welded Shear Stud Connector	20.07	
05 05 23 00-1626	EA	3/4" Diameter x 8-3/16" Long, Welded Shear Stud Connector	21.74	
05 05 23 00-1627	EA	3/4" Diameter x 10-3/16" Long, Welded Shear Stud Connector	28.73	

05 05 23 00-1628 7/8" Diameter Welded Shear Stud Connector *(05 05 23 00-1613)*

05 05 23 00-1629	EA	7/8" Diameter x 3-3/16" Long, Welded Shear Stud Connector	12.56	
05 05 23 00-1630	EA	7/8" Diameter x 3-11/16" Long, Welded Shear Stud Connector	13.23	
05 05 23 00-1631	EA	7/8" Diameter x 4-3/16" Long, Welded Shear Stud Connector	13.89	
05 05 23 00-1632	EA	7/8" Diameter x 5-3/16" Long, Welded Shear Stud Connector	15.81	
05 05 23 00-1633	EA	7/8" Diameter x 6-3/16" Long, Welded Shear Stud Connector	20.63	
05 05 23 00-1634	EA	7/8" Diameter x 7-3/16" Long, Welded Shear Stud Connector	22.65	
05 05 23 00-1635	EA	7/8" Diameter x 8-3/16" Long, Welded Shear Stud Connector	24.65	
05 05 23 00-1636	EA	7/8" Diameter x 10-3/16" Long, Welded Shear Stud Connector	30.26	

05 05 23 00-1637 1" Diameter Welded Shear Stud Connector *(05 05 23 00-1613)*

05 05 23 00-1638	EA	1" Diameter x 3-1/4" Long, Welded Shear Stud Connector	16.92	
05 05 23 00-1639	EA	1" Diameter x 4-1/4" Long, Welded Shear Stud Connector	18.97	
05 05 23 00-1640	EA	1" Diameter x 5-1/4" Long, Welded Shear Stud Connector	22.00	
05 05 23 00-1641	EA	1" Diameter x 6-1/4" Long, Welded Shear Stud Connector	28.20	
05 05 23 00-1642	EA	1" Diameter x 7-1/4" Long, Welded Shear Stud Connector	31.37	
05 05 23 00-1643	EA	1" Diameter x 8-1/4" Long, Welded Shear Stud Connector	34.53	

05 10 Structural Metal Framing *(05)*

05 12 Structural Steel Framing *(05 10)*

05 12 23 Structural Steel for Buildings *(05 12)*

See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0089 for field fabrication of additional structural metal connections.

05 12 23 00-0001 Rolled Steel Members *(05 12 23)*

Note: Prices by Ton (or Lb.) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock cross-sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding. See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0089 for field fabrication of additional structural metal connections.

05 12 23 00-0002 Beams, Girders And Columns *(05 12 23 00-0001)*

Note: For one and two story I beams and W shapes and HP shapes.

05 12 23 00-0003	TON	Up To 30 Lb./LF Beams, Girders And Columns	10,470.61	1,505.64
		For ASTM A242 Type 2 High Strength Steel, Add	*588.46*	
		For Hot Dip Galvanizing, Add	*2,059.61*	
		For >10 To 25 Tons, Deduct	*-625.24*	
		For >25 To 50 Tons, Deduct	*-1,287.26*	
		For >50 To 75 Tons, Deduct	*-1,838.94*	
		For >75 Tons, Deduct	*-919.47*	
05 12 23 00-0004	TON	>30-65 Lb./LF Beams, Girders And Columns	7,075.21	973.29
		For ASTM A242 Type 2 High Strength Steel, Add	*482.95*	
		For Hot Dip Galvanizing, Add	*1,690.34*	
		For >10 To 25 Tons, Deduct	*-513.14*	
		For >25 To 50 Tons, Deduct	*-1,056.46*	
		For >50 To 75 Tons, Deduct	*-1,509.23*	
		For >75 Tons, Deduct	*-754.62*	

05 12 23 00-0005 Shapes *(05 12 23 00-0001)*

05 12 23 00-0006 Rolled C, MC Steel Channels *(05 12 23 00-0005)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0007	TON	Up To 10 Lb./LF Rolled C, MC Steel Channels	16,880.37	3,832.74
		For ASTM A242 Type 2 High Strength Steel, Add	*836.99*	
		For Hot Dip Galvanizing, Add	*2,929.47*	
		For >10 To 25 Tons, Deduct	*-889.30*	
		For >25 To 50 Tons, Deduct	*-1,830.92*	
		For >50 To 75 Tons, Deduct	*-2,615.60*	
		For >75 Tons, Deduct	*-1,307.80*	
05 12 23 00-0008	TON	>10 To 20 Rolled C, MC Steel Channels	13,136.31	2,920.18
		For ASTM A242 Type 2 High Strength Steel, Add	*801.72*	
		For Hot Dip Galvanizing, Add	*2,806.01*	
		For >10 To 25 Tons, Deduct	*-851.82*	
		For >25 To 50 Tons, Deduct	*-1,753.76*	
		For >50 To 75 Tons, Deduct	*-2,505.37*	
		For >75 Tons, Deduct	*-1,252.68*	
05 12 23 00-0009		**Double L Shape Steel Angles** *(05 12 23 00-0005)*		
05 12 23 00-0010	TON	Up To 20 Lb./LF Double L Shape Steel Angles	14,109.38	2,220.80
		For ASTM A242 Type 2 High Strength Steel, Add	*817.75*	
		For Hot Dip Galvanizing, Add	*2,862.13*	
		For >10 To 25 Tons, Deduct	*-868.86*	
		For >25 To 50 Tons, Deduct	*-1,788.83*	
		For >50 To 75 Tons, Deduct	*-2,555.47*	
		For >75 Tons, Deduct	*-1,277.74*	
05 12 23 00-0011		**Combination Section Shapes** *(05 12 23 00-0001)*		
05 12 23 00-0012		**Combination Section, W Shapes And Angles** *(05 12 23 00-0011)*		
05 12 23 00-0013	TON	Up To 30 Lb./LF Combination Section - W Shapes And Angles	12,114.11	1,642.60
		For ASTM A242 Type 2 High Strength Steel, Add	*719.94*	
		For Hot Dip Galvanizing, Add	*2,519.79*	
		For >10 To 25 Tons, Deduct	*-764.94*	
		For >25 To 50 Tons, Deduct	*-1,574.87*	
		For >50 To 75 Tons, Deduct	*-2,249.82*	
		For >75 Tons, Deduct	*-1,124.91*	
05 12 23 00-0014	TON	>30-65 Lb./LF Combination Section - W Shapes And Angles	8,454.17	973.29
		For ASTM A242 Type 2 High Strength Steel, Add	*593.27*	
		For Hot Dip Galvanizing, Add	*2,076.45*	
		For >10 To 25 Tons, Deduct	*-630.35*	
		For >25 To 50 Tons, Deduct	*-1,297.78*	
		For >50 To 75 Tons, Deduct	*-1,853.97*	
		For >75 Tons, Deduct	*-926.99*	
05 12 23 00-0015	TON	>100-300 Lb./LF Combination Section - W Shapes And Angles	5,241.56	291.43
		For ASTM A242 Type 2 High Strength Steel, Add	*394.44*	
		For Hot Dip Galvanizing, Add	*1,380.56*	
		For >10 To 25 Tons, Deduct	*-419.10*	
		For >25 To 50 Tons, Deduct	*-862.85*	
		For >50 To 75 Tons, Deduct	*-1,232.64*	
		For >75 Tons, Deduct	*-616.32*	
05 12 23 00-0016		**Combination Section, Channels And Angles** *(05 12 23 00-0011)*		
05 12 23 00-0017	TON	Up To 30 Lb./LF Combination Section - Channels And Angles	12,735.45	1,642.60
		For ASTM A242 Type 2 High Strength Steel, Add	*769.65*	
		For Hot Dip Galvanizing, Add	*2,693.77*	
		For >10 To 25 Tons, Deduct	*-817.75*	
		For >25 To 50 Tons, Deduct	*-1,683.61*	
		For >50 To 75 Tons, Deduct	*-2,405.15*	
		For >75 Tons, Deduct	*-1,202.58*	
05 12 23 00-0018		**Standard Weight Pipe** *(05 12 23 00-0001)*		
05 12 23 00-0019	TON	1/2" To 5" Diameter Standard Weight Pipe	7,187.85	876.05
		For ASTM A242 Type 2 High Strength Steel, Add	*500.27*	
		For Hot Dip Galvanizing, Add	*1,750.95*	
		For >10 To 25 Tons, Deduct	*-531.54*	
		For >25 To 50 Tons, Deduct	*-1,094.34*	
		For >50 To 75 Tons, Deduct	*-1,563.35*	
		For >75 Tons, Deduct	*-781.67*	
05 12 23 00-0020	TON	>5" To 12" Diameter Standard Weight Pipe	7,702.06	1,095.06
		For ASTM A242 Type 2 High Strength Steel, Add	*522.72*	
		For Hot Dip Galvanizing, Add	*1,829.52*	
		For >10 To 25 Tons, Deduct	*-555.39*	
		For >25 To 50 Tons, Deduct	*-1,143.45*	
		For >50 To 75 Tons, Deduct	*-1,633.50*	
		For >75 Tons, Deduct	*-816.75*	
05 12 23 00-0021		**Temporary Steel Support For Structures** *(05 12 23 00-0001)*		
		Note: Includes removal after use.		
05 12 23 00-0022	TON	Up To 30 Lb./LF Temporary Steel Support For Structures	10,470.61	
		Note: For all stock sections.		
05 12 23 00-0023	TON	>30 Lb./LF Temporary Steel Support For Structures	7,075.21	
		Note: For all stock sections.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 12 23 00-0024 Structural Steel Shapes *(05 12 23)*

Note: Prices by Ton (or Lb.) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock cross-sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding. See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0089 for field fabrication of additional structural metal connections.

05 12 23 00-0025 Steel Rods *(05 12 23 00-0024)*

05 12 23 00-0026	TON	1/2" To 5" Diameter Extra Strong Steel, Solid	7,704.98	684.49
		For ASTM A242 Type 2 High Strength Steel, Add	*557.99*	
		For Hot Dip Galvanizing, Add	*1,952.98*	
		For >10 To 25 Tons, Deduct	*-592.87*	
		For >25 To 50 Tons, Deduct	*-1,220.61*	
		For >50 To 75 Tons, Deduct	*-1,743.73*	
		For >75 Tons, Deduct	*-871.87*	

05 12 23 00-0027 Column Base Plates *(05 12 23 00-0024)*

05 12 23 00-0028	LB	Column Base Plates, Up To 150 Lb. / Each, A36 Miscellaneous Steel Items	3.94	0.88
		For ASTM A242 Type 2 High Strength Steel, Add	*0.24*	
		For Hot Dip Galvanizing, Add	*0.84*	

05 12 23 00-0029 Double Extra Strong Pipes *(05 12 23 00-0024)*

05 12 23 00-0030	TON	2" To 5" Diameter Double Extra Strong Pipe	9,312.01	1,251.44
		For ASTM A242 Type 2 High Strength Steel, Add	*638.17*	
		For Hot Dip Galvanizing, Add	*2,233.58*	
		For >10 To 25 Tons, Deduct	*-678.05*	
		For >25 To 50 Tons, Deduct	*-1,395.99*	
		For >50 To 75 Tons, Deduct	*-1,994.27*	
		For >75 Tons, Deduct	*-997.14*	
05 12 23 00-0031	TON	>5" To 8" Diameter Double Extra Strong Pipe	8,695.89	673.84
		For ASTM A242 Type 2 High Strength Steel, Add	*638.17*	
		For Hot Dip Galvanizing, Add	*2,233.58*	
		For >10 To 25 Tons, Deduct	*-678.05*	
		For >25 To 50 Tons, Deduct	*-1,395.99*	
		For >50 To 75 Tons, Deduct	*-1,994.27*	
		For >75 Tons, Deduct	*-997.14*	

05 12 23 00-0032 Structural Pipes *(05 12 23 00-0024)*

05 12 23 00-0033	TON	3" To 5" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items	6,501.64	578.20
		For ASTM A242 Type 2 High Strength Steel, Add	*448.96*	
		For Hot Dip Galvanizing, Add	*1,571.37*	
		For >10 To 25 Tons, Deduct	*-477.02*	
		For >25 To 50 Tons, Deduct	*-982.10*	
		For >50 To 75 Tons, Deduct	*-1,403.01*	
		For >75 Tons, Deduct	*-701.50*	
05 12 23 00-0034	TON	>5" To 12" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items	7,083.14	666.83
		For ASTM A242 Type 2 High Strength Steel, Add	*448.96*	
		For Hot Dip Galvanizing, Add	*1,571.37*	
		For >10 To 25 Tons, Deduct	*-477.02*	
		For >25 To 50 Tons, Deduct	*-982.10*	
		For >50 To 75 Tons, Deduct	*-1,403.01*	
		For >75 Tons, Deduct	*-701.50*	

05 12 23 00-0035 Structural Tubing *(05 12 23 00-0024)*

05 12 23 00-0036 Rectangle Structural Tubing *(05 12 23 00-0035)*

05 12 23 00-0037	TON	3" x 2" Weight Range 5-7 Lb./LF Structural Tubing - Rectangle	10,644.43	584.04
		For ASTM A242 Type 2 High Strength Steel, Add	*801.72*	
		For Hot Dip Galvanizing, Add	*2,806.01*	
		For >10 To 25 Tons, Deduct	*-851.82*	
		For >25 To 50 Tons, Deduct	*-1,753.76*	
		For >50 To 75 Tons, Deduct	*-2,505.37*	
		For >75 Tons, Deduct	*-1,252.68*	
05 12 23 00-0038	TON	4" x 3", 2" Weight Range 6-13 Lb./LF Structural Tubing - Rectangle	10,740.27	673.84
		For ASTM A242 Type 2 High Strength Steel, Add	*801.72*	
		For Hot Dip Galvanizing, Add	*2,806.01*	
		For >10 To 25 Tons, Deduct	*-851.82*	
		For >25 To 50 Tons, Deduct	*-1,753.76*	
		For >50 To 75 Tons, Deduct	*-2,505.37*	
		For >75 Tons, Deduct	*-1,252.68*	
05 12 23 00-0039	TON	5" x 4", 3", 2" Weight Range 8-20 Lb./LF Structural Tubing - Rectangle	9,397.16	730.05
		For ASTM A242 Type 2 High Strength Steel, Add	*689.48*	
		For Hot Dip Galvanizing, Add	*2,413.17*	
		For >10 To 25 Tons, Deduct	*-732.57*	
		For >25 To 50 Tons, Deduct	*-1,508.23*	
		For >50 To 75 Tons, Deduct	*-2,154.61*	
		For >75 Tons, Deduct	*-1,077.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0040	TON	6" x 4", 3", 2" Weight Range 9-29 Lb./LF Structural Tubing - Rectangle	8,951.63	876.05
		For ASTM A242 Type 2 High Strength Steel, Add	*641.37*	
		For Hot Dip Galvanizing, Add	*2,244.81*	
		For >10 To 25 Tons, Deduct	*-681.46*	
		For >25 To 50 Tons, Deduct	*-1,403.00*	
		For >50 To 75 Tons, Deduct	*-2,004.29*	
		For >75 Tons, Deduct	*-1,002.15*	
05 12 23 00-0041		Square Structural Tubing *(05 12 23 00-0035)*		
05 12 23 00-0042	TON	2" x 2" Weight Range 4-6 Lb./LF Structural Tubing - Square	10,605.50	547.54
		For ASTM A242 Type 2 High Strength Steel, Add	*801.72*	
		For Hot Dip Galvanizing, Add	*2,806.01*	
		For >10 To 25 Tons, Deduct	*-851.82*	
		For >25 To 50 Tons, Deduct	*-1,753.76*	
		For >50 To 75 Tons, Deduct	*-2,505.37*	
		For >75 Tons, Deduct	*-1,252.68*	
05 12 23 00-0043	TON	2.5" x 2.5" Weight Range 5-8 Lb./LF Structural Tubing - Square	10,644.43	584.04
		For ASTM A242 Type 2 High Strength Steel, Add	*801.72*	
		For Hot Dip Galvanizing, Add	*2,806.01*	
		For >10 To 25 Tons, Deduct	*-851.82*	
		For >25 To 50 Tons, Deduct	*-1,753.76*	
		For >50 To 75 Tons, Deduct	*-2,505.37*	
		For >75 Tons, Deduct	*-1,252.68*	
05 12 23 00-0044	TON	3" x 3" Weight Range 6-11 Lb./LF Structural Tubing - Square	9,597.59	730.05
		For ASTM A242 Type 2 High Strength Steel, Add	*705.51*	
		For Hot Dip Galvanizing, Add	*2,469.29*	
		For >10 To 25 Tons, Deduct	*-749.60*	
		For >25 To 50 Tons, Deduct	*-1,543.30*	
		For >50 To 75 Tons, Deduct	*-2,204.72*	
		For >75 Tons, Deduct	*-1,102.36*	
05 12 23 00-0045	TON	3.5" x 3.5" Weight Range 8-13 Lb./LF Structural Tubing - Square	9,552.91	876.05
		For ASTM A242 Type 2 High Strength Steel, Add	*689.48*	
		For Hot Dip Galvanizing, Add	*2,413.17*	
		For >10 To 25 Tons, Deduct	*-732.57*	
		For >25 To 50 Tons, Deduct	*-1,508.23*	
		For >50 To 75 Tons, Deduct	*-2,154.61*	
		For >75 Tons, Deduct	*-1,077.31*	
05 12 23 00-0046	TON	4" x 4" Weight Range 10-22 Lb./LF Structural Tubing - Square	7,742.15	1,095.06
		For ASTM A242 Type 2 High Strength Steel, Add	*525.93*	
		For Hot Dip Galvanizing, Add	*1,840.74*	
		For >10 To 25 Tons, Deduct	*-558.80*	
		For >25 To 50 Tons, Deduct	*-1,150.46*	
		For >50 To 75 Tons, Deduct	*-1,643.52*	
		For >75 Tons, Deduct	*-821.76*	
05 12 23 00-0047	TON	5" x 5" Weight Range 12-30 Lb./LF Structural Tubing - Square	7,909.01	1,251.44
		For ASTM A242 Type 2 High Strength Steel, Add	*525.93*	
		For Hot Dip Galvanizing, Add	*1,840.74*	
		For >10 To 25 Tons, Deduct	*-558.80*	
		For >25 To 50 Tons, Deduct	*-1,150.46*	
		For >50 To 75 Tons, Deduct	*-1,643.52*	
		For >75 Tons, Deduct	*-821.76*	
05 12 23 00-0048	TON	6" x 6" Weight Range 15-35 Lb./LF Structural Tubing - Square	8,442.99	1,752.10
		For ASTM A242 Type 2 High Strength Steel, Add	*525.93*	
		For Hot Dip Galvanizing, Add	*1,840.74*	
		For >10 To 25 Tons, Deduct	*-558.80*	
		For >25 To 50 Tons, Deduct	*-1,150.46*	
		For >50 To 75 Tons, Deduct	*-1,643.52*	
		For >75 Tons, Deduct	*-821.76*	
05 12 23 00-0049		Galvanized Steel Pipe Tubing *(05 12 23 00-0035)*		
		Note: ASTM A53 Grade B		
05 12 23 00-0050	LF	2" Diameter Galvanized Steel Pipe Tubing, Standard Weight	41.87	6.41
05 12 23 00-0051	LF	2-1/2" Diameter Galvanized Steel Pipe Tubing, Standard Weight	46.32	7.62
05 12 23 00-0052	LF	3" Diameter Galvanized Steel Pipe Tubing, Standard Weight	52.32	10.13
05 12 23 00-0053	LF	3-1/2" Diameter Galvanized Steel Pipe Tubing, Standard Weight	56.65	11.29
05 12 23 00-0054	LF	4" Diameter Galvanized Steel Pipe Tubing, Standard Weight	59.49	12.20
05 12 23 00-0055	LF	5" Diameter Galvanized Steel Pipe Tubing, Standard Weight	67.58	15.25
05 12 23 00-0056	LF	6" Diameter Galvanized Steel Pipe Tubing, Standard Weight	75.68	18.31
05 12 23 00-0057	LF	8" Diameter Galvanized Steel Pipe Tubing, Standard Weight	84.02	21.96
05 12 23 00-0058	LF	10" Diameter Galvanized Steel Pipe Tubing, Standard Weight	95.77	26.85
05 12 23 00-0059	LF	12" Diameter Galvanized Steel Pipe Tubing, Standard Weight	114.85	34.16
05 12 23 00-0060		Structural Shapes *(05 12 23 00-0024)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0061	TON	Up To 20 Lb./LF Structural Shapes, Steel Angle A36 Structural Steel, Purlins And Girts	8,861.49	3,137.34
		For ASTM A242 Type 2 High Strength Steel, Add	*310.53*	
		For Hot Dip Galvanizing, Add	*1,086.85*	
		For >20 To 50 Lb./LF, Deduct	*-1,135.14*	
		For >50 To 75 Lb./LF, Deduct	*-1,827.21*	
		For >75 To 100 Lb./LF, Deduct	*-2,519.28*	
		For >10 To 25 Tons, Deduct	*-329.94*	
		For >25 To 50 Tons, Deduct	*-679.28*	
		For >50 To 75 Tons, Deduct	*-970.40*	
		For >75 Tons, Deduct	*-485.20*	
05 12 23 00-0062	TON	Structural Shapes, Steel Plate A36 Structural Steel Note: Up to 21.5 Lb. per SF	8,082.66	1,254.93
		For ASTM A242 Type 2 High Strength Steel, Add	*513.11*	
		For Hot Dip Galvanizing, Add	*1,795.88*	
		For >21.5 To 50 Lb./LF, Deduct	*-891.71*	
		For >10 To 25 Tons, Deduct	*-545.18*	
		For >25 To 50 Tons, Deduct	*-1,122.43*	
		For >50 To 75 Tons, Deduct	*-1,603.47*	
		For >75 Tons, Deduct	*-801.73*	
05 12 23 00-0063	LB	Up To 20 Lb./LF Structural Shapes, Primed Pipe Supports	4.69	0.28
05 12 23 00-0064	LB	Structural Shapes, Galvanized Pipe Supports	5.69	0.28
05 12 23 00-0065		**Built-Up Trusses** *(05 12 23 00-0024)*		
05 12 23 00-0066	TON	Up To 50 LF Span Average Weight 100 Lb./LF Trusses, Built-up	8,624.70	438.03
		For >10 To 25 Tons, Deduct	*-693.38*	
		For >25 To 50 Tons, Deduct	*-1,427.56*	
		For >50 To 75 Tons, Deduct	*-2,039.37*	
		For >75 Tons, Deduct	*-1,019.68*	
05 12 23 00-0067	TON	>50-100 LF Span Average Weight 120 Lb./LF Trusses, Built-up	8,497.21	243.25
		For >10 To 25 Tons, Deduct	*-700.20*	
		For >25 To 50 Tons, Deduct	*-1,441.59*	
		For >50 To 75 Tons, Deduct	*-2,059.41*	
		For >75 Tons, Deduct	*-1,029.71*	
05 12 23 00-0068	TON	>100-200 LF Span Average Weight 150 Lb./LF Trusses, Built-up	7,553.30	128.78
		For >10 To 25 Tons, Deduct	*-630.35*	
		For >25 To 50 Tons, Deduct	*-1,297.78*	
		For >50 To 75 Tons, Deduct	*-1,853.97*	
		For >75 Tons, Deduct	*-926.99*	
05 12 23 00-0069	TON	>200 LF Span Average Weight 180 Lb./LF Trusses, Built-up	7,345.24	121.77
		For >10 To 25 Tons, Deduct	*-613.31*	
		For >25 To 50 Tons, Deduct	*-1,262.70*	
		For >50 To 75 Tons, Deduct	*-1,803.86*	
		For >75 Tons, Deduct	*-901.93*	
05 12 23 00-0070		**Masonry Plates, Filler Plates, Sole Plates And Anchor Straps** *(05 12 23 00-0024)* Note: Includes shop fabrication, welds, drilling and shop primer.		
05 12 23 00-0071	SF	1/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	29.92	9.04
05 12 23 00-0072	SF	3/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	44.88	13.51
05 12 23 00-0073	SF	1/2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	59.84	18.02
05 12 23 00-0074	SF	5/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	74.80	22.51
05 12 23 00-0075	SF	3/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	89.77	26.89
05 12 23 00-0076	SF	7/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	104.73	31.52
05 12 23 00-0077	SF	1" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	119.69	36.03
05 12 23 00-0078	SF	1-1/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	134.65	40.53
05 12 23 00-0079	SF	1-1/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	149.61	45.04
05 12 23 00-0080	SF	1-3/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	164.57	49.54
05 12 23 00-0081	SF	1-1/2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	179.53	54.05
05 12 23 00-0082	SF	1-5/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	194.49	58.55
05 12 23 00-0083	SF	1-3/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	209.46	63.05
05 12 23 00-0084	SF	1-7/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	224.43	67.55
05 12 23 00-0085	SF	2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	239.39	72.06
05 12 23 00-0086		**Accessories For Steel** *(05 12 23)*		
05 12 23 00-0087		**Field Painting For Touch-Up Of Shop Prime Coat** *(05 12 23 00-0086)*		
05 12 23 00-0088	SF	Touch Up Paint - Type 1 Red Oxide Field Painting Prime Coat	1.44	
05 12 23 00-0089		**Connection And Stiffener Plates** *(05 12 23 00-0086)* Note: For field fabrication of additional structural metal connections.		
05 12 23 00-0090	TON	1/8" Plate Weight 6.16 Lb./SF Connection And Stiffener Plates	18,516.20	
		For >10 To 25 Tons, Deduct	*-1,573.88*	
		For >25 To 50 Tons, Deduct	*-3,240.34*	
		For >50 To 75 Tons, Deduct	*-4,629.05*	
		For >75 Tons, Deduct	*-2,314.53*	
05 12 23 00-0091	TON	3/16" Plate Weight 8.71 Lb./SF Connection And Stiffener Plates	15,797.95	
		For >10 To 25 Tons, Deduct	*-1,342.83*	
		For >25 To 50 Tons, Deduct	*-2,764.64*	
		For >50 To 75 Tons, Deduct	*-3,949.49*	
		For >75 Tons, Deduct	*-1,974.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0092	TON	1/4" Plate Weight 11.26 Lb./SF Connection And Stiffener Plates	12,216.88	
		For >10 To 25 Tons, Deduct	*-1,038.43*	
		For >25 To 50 Tons, Deduct	*-2,137.95*	
		For >50 To 75 Tons, Deduct	*-3,054.22*	
		For >75 Tons, Deduct	*-1,527.11*	
05 12 23 00-0093	TON	5/16" Plate Weight 13.81 Lb./SF Connection And Stiffener Plates	12,216.88	
		For >10 To 25 Tons, Deduct	*-1,038.43*	
		For >25 To 50 Tons, Deduct	*-2,137.95*	
		For >50 To 75 Tons, Deduct	*-3,054.22*	
		For >75 Tons, Deduct	*-1,527.11*	
05 12 23 00-0094	TON	3/8" Plate Weight 16.37 Lb./SF Connection And Stiffener Plates	12,216.88	
		For >10 To 25 Tons, Deduct	*-1,038.43*	
		For >25 To 50 Tons, Deduct	*-2,137.95*	
		For >50 To 75 Tons, Deduct	*-3,054.22*	
		For >75 Tons, Deduct	*-1,527.11*	
05 12 23 00-0095	TON	1/2" Plate Weight 21.47 Lb./SF Connection And Stiffener Plates	12,216.88	
		For >10 To 25 Tons, Deduct	*-1,038.43*	
		For >25 To 50 Tons, Deduct	*-2,137.95*	
		For >50 To 75 Tons, Deduct	*-3,054.22*	
		For >75 Tons, Deduct	*-1,527.11*	
05 12 23 00-0096	TON	9/16" Plate Weight 24.02 Lb./SF Connection And Stiffener Plates	12,216.88	
		For >10 To 25 Tons, Deduct	*-1,038.43*	
		For >25 To 50 Tons, Deduct	*-2,137.95*	
		For >50 To 75 Tons, Deduct	*-3,054.22*	
		For >75 Tons, Deduct	*-1,527.11*	
05 12 23 00-0097	TON	5/8" Plate Weight 26.58 Lb./SF Connection And Stiffener Plates	12,216.88	
		For >10 To 25 Tons, Deduct	*-1,038.43*	
		For >25 To 50 Tons, Deduct	*-2,137.95*	
		For >50 To 75 Tons, Deduct	*-3,054.22*	
		For >75 Tons, Deduct	*-1,527.11*	
05 12 23 00-0098	TON	3/4" Plate Weight 31.68 Lb./SF Connection And Stiffener Plates	11,453.32	
		For >10 To 25 Tons, Deduct	*-973.53*	
		For >25 To 50 Tons, Deduct	*-2,004.33*	
		For >50 To 75 Tons, Deduct	*-2,863.33*	
		For >75 Tons, Deduct	*-1,431.67*	
05 12 23 00-0099	TON	7/8" Plate Weight 36.78 Lb./SF Connection And Stiffener Plates	11,453.32	
		For >10 To 25 Tons, Deduct	*-973.53*	
		For >25 To 50 Tons, Deduct	*-2,004.33*	
		For >50 To 75 Tons, Deduct	*-2,863.33*	
		For >75 Tons, Deduct	*-1,431.67*	
05 12 23 00-0100	TON	1" Plate Weight 41.89 Lb./SF Connection And Stiffener Plates	11,453.32	
		For >10 To 25 Tons, Deduct	*-973.53*	
		For >25 To 50 Tons, Deduct	*-2,004.33*	
		For >50 To 75 Tons, Deduct	*-2,863.33*	
		For >75 Tons, Deduct	*-1,431.67*	

05 12 23 00-0101 Field Applied Cold Galvanizing *(05 12 23 00-0086)*

05 12 23 00-0102	SF	Brush Applied Cold Galvanizing	1.96	

05 12 23 00-0103 Metal Grinding *(05 12 23 00-0086)*

Note: For use to prepare existing metal for welding by removing of rust or scale and smoothing surface after torch cutting.

05 12 23 00-0104	SI	Metal Grinding Up To 1/32" Thickness To Be Removed Note: Includes rust or scale removal on metal and smoothing surface.	1.18	

05 12 23 00-0105 Lightweight Framing Steel Shapes *(05 12 23)*

Note: Includes cutting to length. Excludes fasteners or welds. When used with structural steel shapes by TON, connecting bolts or welds are considered included with structural steel tasks by TON.

05 12 23 00-0106 Angle Iron - L *(05 12 23 00-0105)*

05 12 23 00-0107 1/8" Thick *(05 12 23 00-0106)*

05 12 23 00-0108	LF	1/2" x 1/2" x 1/8" Thick, Plain Steel Angle Iron	3.20	1.97
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.29*	
		For >500 To 1,000, Deduct	*-0.44*	
		For >1,000, Deduct	*-0.58*	
		For 304 Stainless Steel, Add	*1.60*	
		For 316 Stainless Steel, Add	*1.79*	
		For Aluminum, Add	*0.10*	
		For Galvanized Steel, Add	*0.35*	
		For High Strength Steel (HSS), Add	*0.64*	
05 12 23 00-0109	LF	3/4" x 1/2" x 1/8" Thick, Plain Steel Angle Iron	3.70	2.24
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.33*	
		For >500 To 1,000, Deduct	*-0.50*	
		For >1,000, Deduct	*-0.67*	
		For 304 Stainless Steel, Add	*2.02*	
		For 316 Stainless Steel, Add	*2.27*	
		For Aluminum, Add	*0.13*	
		For Galvanized Steel, Add	*0.44*	
		For High Strength Steel (HSS), Add	*0.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0110	LF	3/4" x 3/4" x 1/8" Thick, Plain Steel Angle Iron	4.17	2.47
		For >100 To 250, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-0.37*	
		For >500 To 1,000, Deduct	*-0.56*	
		For >1,000, Deduct	*-0.75*	
		For 304 Stainless Steel, Add	*2.51*	
		For 316 Stainless Steel, Add	*2.82*	
		For Aluminum, Add	*0.16*	
		For Galvanized Steel, Add	*0.55*	
		For High Strength Steel (HSS), Add	*0.83*	
05 12 23 00-0111	LF	1" x 3/4" x 1/8" Thick, Plain Steel Angle Iron	4.68	2.75
		For >100 To 250, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-0.42*	
		For >500 To 1,000, Deduct	*-0.63*	
		For >1,000, Deduct	*-0.83*	
		For 304 Stainless Steel, Add	*2.91*	
		For 316 Stainless Steel, Add	*3.26*	
		For Aluminum, Add	*0.18*	
		For Galvanized Steel, Add	*0.63*	
		For High Strength Steel (HSS), Add	*0.94*	
05 12 23 00-0112	LF	1" x 1" x 1/8" Thick, Plain Steel Angle Iron	5.15	2.97
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.46*	
		For >500 To 1,000, Deduct	*-0.68*	
		For >1,000, Deduct	*-0.91*	
		For 304 Stainless Steel, Add	*3.39*	
		For 316 Stainless Steel, Add	*3.81*	
		For Aluminum, Add	*0.21*	
		For Galvanized Steel, Add	*0.74*	
		For High Strength Steel (HSS), Add	*1.03*	
05 12 23 00-0113	LF	1-1/4" x 1-1/4" x 1/8" Thick, Plain Steel Angle Iron	6.16	3.49
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.54*	
		For >500 To 1,000, Deduct	*-0.81*	
		For >1,000, Deduct	*-1.08*	
		For 304 Stainless Steel, Add	*4.28*	
		For 316 Stainless Steel, Add	*4.80*	
		For Aluminum, Add	*0.27*	
		For Galvanized Steel, Add	*0.93*	
		For High Strength Steel (HSS), Add	*1.23*	
05 12 23 00-0114	LF	1-1/2" x 1" x 1/8" Thick, Plain Steel Angle Iron	6.16	3.49
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.54*	
		For >500 To 1,000, Deduct	*-0.81*	
		For >1,000, Deduct	*-1.08*	
		For 304 Stainless Steel, Add	*4.28*	
		For 316 Stainless Steel, Add	*4.80*	
		For Aluminum, Add	*0.27*	
		For Galvanized Steel, Add	*0.93*	
		For High Strength Steel (HSS), Add	*1.23*	
05 12 23 00-0115	LF	1-1/2" x 1-1/2" x 1/8" Thick, Plain Steel Angle Iron	6.80	3.75
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.59*	
		For >500 To 1,000, Deduct	*-0.89*	
		For >1,000, Deduct	*-1.18*	
		For 304 Stainless Steel, Add	*5.13*	
		For 316 Stainless Steel, Add	*5.76*	
		For Aluminum, Add	*0.32*	
		For Galvanized Steel, Add	*1.12*	
		For High Strength Steel (HSS), Add	*1.36*	
05 12 23 00-0116	LF	1-3/4" x 1-3/4" x 1/8" Thick, Plain Steel Angle Iron	7.31	3.87
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.62*	
		For >500 To 1,000, Deduct	*-0.94*	
		For >1,000, Deduct	*-1.25*	
		For 304 Stainless Steel, Add	*6.10*	
		For 316 Stainless Steel, Add	*6.85*	
		For Aluminum, Add	*0.39*	
		For Galvanized Steel, Add	*1.33*	
		For High Strength Steel (HSS), Add	*1.46*	
05 12 23 00-0117	LF	2" x 1-1/2" x 1/8" Thick, Plain Steel Angle Iron	7.31	3.87
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.62*	
		For >500 To 1,000, Deduct	*-0.94*	
		For >1,000, Deduct	*-1.25*	
		For 304 Stainless Steel, Add	*6.10*	
		For 316 Stainless Steel, Add	*6.85*	
		For Aluminum, Add	*0.39*	
		For Galvanized Steel, Add	*1.33*	
		For High Strength Steel (HSS), Add	*1.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0118	LF	2" x 2" x 1/8" Thick, Plain Steel Angle Iron	7.79	4.01
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.66*	
		For >500 To 1,000, Deduct	*-0.98*	
		For >1,000, Deduct	*-1.31*	
		For 304 Stainless Steel, Add	*6.98*	
		For 316 Stainless Steel, Add	*7.84*	
		For Aluminum, Add	*0.44*	
		For Galvanized Steel, Add	*1.52*	
		For High Strength Steel (HSS), Add	*1.56*	
05 12 23 00-0119		3/16" Thick *(05 12 23 00-0106)*		
05 12 23 00-0120	LF	1" x 1" x 3/16" Thick, Plain Steel Angle Iron	5.90	3.14
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.50*	
		For >500 To 1,000, Deduct	*-0.76*	
		For >1,000, Deduct	*-1.01*	
		For 304 Stainless Steel, Add	*4.90*	
		For 316 Stainless Steel, Add	*5.50*	
		For Aluminum, Add	*0.31*	
		For Galvanized Steel, Add	*1.07*	
		For High Strength Steel (HSS), Add	*1.18*	
05 12 23 00-0121	LF	1-1/4" x 1-1/4" x 3/16" Thick, Plain Steel Angle Iron	7.11	3.69
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.60*	
		For >500 To 1,000, Deduct	*-0.90*	
		For >1,000, Deduct	*-1.20*	
		For 304 Stainless Steel, Add	*6.24*	
		For 316 Stainless Steel, Add	*7.01*	
		For Aluminum, Add	*0.39*	
		For Galvanized Steel, Add	*1.36*	
		For High Strength Steel (HSS), Add	*1.42*	
05 12 23 00-0122	LF	1-1/2" x 1" x 3/16" Thick, Plain Steel Angle Iron	7.11	3.69
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.60*	
		For >500 To 1,000, Deduct	*-0.90*	
		For >1,000, Deduct	*-1.20*	
		For 304 Stainless Steel, Add	*6.24*	
		For 316 Stainless Steel, Add	*7.01*	
		For Aluminum, Add	*0.39*	
		For Galvanized Steel, Add	*1.36*	
		For High Strength Steel (HSS), Add	*1.42*	
05 12 23 00-0123	LF	1-1/2" x 1-1/2" x 3/16" Thick, Plain Steel Angle Iron	7.94	3.96
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.66*	
		For >500 To 1,000, Deduct	*-0.99*	
		For >1,000, Deduct	*-1.32*	
		For 304 Stainless Steel, Add	*7.61*	
		For 316 Stainless Steel, Add	*8.54*	
		For Aluminum, Add	*0.48*	
		For Galvanized Steel, Add	*1.66*	
		For High Strength Steel (HSS), Add	*1.59*	
05 12 23 00-0124	LF	1-3/4" x 1-3/4" x 3/16" Thick, Plain Steel Angle Iron	8.61	4.09
		For >100 To 250, Deduct	*-0.49*	
		For >250 To 500, Deduct	*-0.70*	
		For >500 To 1,000, Deduct	*-1.06*	
		For >1,000, Deduct	*-1.41*	
		For 304 Stainless Steel, Add	*8.98*	
		For 316 Stainless Steel, Add	*10.08*	
		For Aluminum, Add	*0.57*	
		For Galvanized Steel, Add	*1.95*	
		For High Strength Steel (HSS), Add	*1.72*	
05 12 23 00-0125	LF	2" x 1-1/2" x 3/16" Thick, Plain Steel Angle Iron	8.61	4.10
		For >100 To 250, Deduct	*-0.49*	
		For >250 To 500, Deduct	*-0.70*	
		For >500 To 1,000, Deduct	*-1.06*	
		For >1,000, Deduct	*-1.41*	
		For 304 Stainless Steel, Add	*8.98*	
		For 316 Stainless Steel, Add	*10.08*	
		For Aluminum, Add	*0.57*	
		For Galvanized Steel, Add	*1.95*	
		For High Strength Steel (HSS), Add	*1.72*	
05 12 23 00-0126	LF	2" x 2" x 3/16" Thick, Plain Steel Angle Iron	9.28	4.24
		For >100 To 250, Deduct	*-0.51*	
		For >250 To 500, Deduct	*-0.75*	
		For >500 To 1,000, Deduct	*-1.12*	
		For >1,000, Deduct	*-1.49*	
		For 304 Stainless Steel, Add	*10.35*	
		For 316 Stainless Steel, Add	*11.62*	
		For Aluminum, Add	*0.65*	
		For Galvanized Steel, Add	*2.25*	
		For High Strength Steel (HSS), Add	*1.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0127	LF	2-1/2" x 2" x 3/16" Thick, Plain Steel Angle Iron	10.14	4.54
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-0.81*	
		For >500 To 1,000, Deduct	*-1.21*	
		For >1,000, Deduct	*-1.62*	
		For 304 Stainless Steel, Add	*11.66*	
		For 316 Stainless Steel, Add	*13.09*	
		For Aluminum, Add	*0.74*	
		For Galvanized Steel, Add	*2.54*	
		For High Strength Steel (HSS), Add	*2.03*	
05 12 23 00-0128	LF	2-1/2" x 2-1/2" x 3/16" Thick, Plain Steel Angle Iron	11.05	4.86
		For >100 To 250, Deduct	*-0.60*	
		For >250 To 500, Deduct	*-0.88*	
		For >500 To 1,000, Deduct	*-1.31*	
		For >1,000, Deduct	*-1.75*	
		For 304 Stainless Steel, Add	*13.02*	
		For 316 Stainless Steel, Add	*14.62*	
		For Aluminum, Add	*0.82*	
		For Galvanized Steel, Add	*2.83*	
		For High Strength Steel (HSS), Add	*2.21*	
05 12 23 00-0129	LF	3" x 2" x 3/16" Thick, Plain Steel Angle Iron	11.04	4.86
		For >100 To 250, Deduct	*-0.60*	
		For >250 To 500, Deduct	*-0.88*	
		For >500 To 1,000, Deduct	*-1.31*	
		For >1,000, Deduct	*-1.75*	
		For 304 Stainless Steel, Add	*13.00*	
		For 316 Stainless Steel, Add	*14.59*	
		For Aluminum, Add	*0.82*	
		For Galvanized Steel, Add	*2.83*	
		For High Strength Steel (HSS), Add	*2.21*	
05 12 23 00-0130	LF	3" x 2-1/2" x 3/16" Thick, Plain Steel Angle Iron	12.20	5.37
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-0.97*	
		For >500 To 1,000, Deduct	*-1.45*	
		For >1,000, Deduct	*-1.94*	
		For 304 Stainless Steel, Add	*14.36*	
		For 316 Stainless Steel, Add	*16.13*	
		For Aluminum, Add	*0.91*	
		For Galvanized Steel, Add	*3.12*	
		For High Strength Steel (HSS), Add	*2.44*	
05 12 23 00-0131	LF	3" x 3" x 3/16" Thick, Plain Steel Angle Iron	13.35	5.88
		For >100 To 250, Deduct	*-0.73*	
		For >250 To 500, Deduct	*-1.06*	
		For >500 To 1,000, Deduct	*-1.59*	
		For >1,000, Deduct	*-2.12*	
		For 304 Stainless Steel, Add	*15.70*	
		For 316 Stainless Steel, Add	*17.63*	
		For Aluminum, Add	*0.99*	
		For Galvanized Steel, Add	*3.42*	
		For High Strength Steel (HSS), Add	*2.67*	

05 12 23 00-0132 1/4" Thick *(05 12 23 00-0106)*

05 12 23 00-0133	LF	1" x 1" x 1/4" Thick, Plain Steel Angle Iron	7.03	3.62
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.59*	
		For >500 To 1,000, Deduct	*-0.89*	
		For >1,000, Deduct	*-1.19*	
		For 304 Stainless Steel, Add	*6.24*	
		For 316 Stainless Steel, Add	*7.01*	
		For Aluminum, Add	*0.39*	
		For Galvanized Steel, Add	*1.36*	
		For High Strength Steel (HSS), Add	*1.41*	
05 12 23 00-0134	LF	1-1/4" x 1-1/4" x 1/4" Thick, Plain Steel Angle Iron	8.02	3.90
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.66*	
		For >500 To 1,000, Deduct	*-0.99*	
		For >1,000, Deduct	*-1.32*	
		For 304 Stainless Steel, Add	*8.04*	
		For 316 Stainless Steel, Add	*9.02*	
		For Aluminum, Add	*0.51*	
		For Galvanized Steel, Add	*1.75*	
		For High Strength Steel (HSS), Add	*1.60*	
05 12 23 00-0135	LF	1-1/2" x 1" x 1/4" Thick, Plain Steel Angle Iron	8.02	3.90
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.66*	
		For >500 To 1,000, Deduct	*-0.99*	
		For >1,000, Deduct	*-1.32*	
		For 304 Stainless Steel, Add	*8.04*	
		For 316 Stainless Steel, Add	*9.02*	
		For Aluminum, Add	*0.51*	
		For Galvanized Steel, Add	*1.75*	
		For High Strength Steel (HSS), Add	*1.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0136	LF	1-1/2" x 1-1/2" x 1/4" Thick, Plain Steel Angle Iron	9.00	4.17
		For >100 To 250, Deduct	*-0.50*	
		For >250 To 500, Deduct	*-0.73*	
		For >500 To 1,000, Deduct	*-1.09*	
		For >1,000, Deduct	*-1.46*	
		For 304 Stainless Steel, Add	*9.80*	
		For 316 Stainless Steel, Add	*11.01*	
		For Aluminum, Add	*0.62*	
		For Galvanized Steel, Add	*2.13*	
		For High Strength Steel (HSS), Add	*1.80*	
05 12 23 00-0137	LF	1-3/4" x 1-3/4" x 1/4" Thick, Plain Steel Angle Iron	9.87	4.31
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-0.78*	
		For >500 To 1,000, Deduct	*-1.17*	
		For >1,000, Deduct	*-1.56*	
		For 304 Stainless Steel, Add	*11.74*	
		For 316 Stainless Steel, Add	*13.18*	
		For Aluminum, Add	*0.74*	
		For Galvanized Steel, Add	*2.55*	
		For High Strength Steel (HSS), Add	*1.97*	
05 12 23 00-0138	LF	2" x 1" x 1/4" Thick, Plain Steel Angle Iron	8.76	4.04
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.70*	
		For >500 To 1,000, Deduct	*-1.05*	
		For >1,000, Deduct	*-1.41*	
		For 304 Stainless Steel, Add	*9.89*	
		For 316 Stainless Steel, Add	*11.10*	
		For Aluminum, Add	*0.62*	
		For Galvanized Steel, Add	*2.15*	
		For High Strength Steel (HSS), Add	*1.75*	
05 12 23 00-0139	LF	2" x 1-1/2" x 1/4" Thick, Plain Steel Angle Iron	9.86	4.31
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-0.78*	
		For >500 To 1,000, Deduct	*-1.17*	
		For >1,000, Deduct	*-1.56*	
		For 304 Stainless Steel, Add	*11.71*	
		For 316 Stainless Steel, Add	*13.15*	
		For Aluminum, Add	*0.74*	
		For Galvanized Steel, Add	*2.55*	
		For High Strength Steel (HSS), Add	*1.97*	
05 12 23 00-0140	LF	2" x 2" x 1/4" Thick, Plain Steel Angle Iron	10.66	4.45
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-0.83*	
		For >500 To 1,000, Deduct	*-1.24*	
		For >1,000, Deduct	*-1.66*	
		For 304 Stainless Steel, Add	*13.48*	
		For 316 Stainless Steel, Add	*15.14*	
		For Aluminum, Add	*0.85*	
		For Galvanized Steel, Add	*2.93*	
		For High Strength Steel (HSS), Add	*2.13*	
05 12 23 00-0141	LF	2-1/2" x 2" x 1/4" Thick, Plain Steel Angle Iron	11.95	4.93
		For >100 To 250, Deduct	*-0.63*	
		For >250 To 500, Deduct	*-0.93*	
		For >500 To 1,000, Deduct	*-1.39*	
		For >1,000, Deduct	*-1.85*	
		For 304 Stainless Steel, Add	*15.33*	
		For 316 Stainless Steel, Add	*17.22*	
		For Aluminum, Add	*0.97*	
		For Galvanized Steel, Add	*3.34*	
		For High Strength Steel (HSS), Add	*2.39*	
05 12 23 00-0142	LF	2-1/2" x 2-1/2" x 1/4" Thick, Plain Steel Angle Iron	13.29	5.40
		For >100 To 250, Deduct	*-0.69*	
		For >250 To 500, Deduct	*-1.03*	
		For >500 To 1,000, Deduct	*-1.54*	
		For >1,000, Deduct	*-2.05*	
		For 304 Stainless Steel, Add	*17.33*	
		For 316 Stainless Steel, Add	*19.46*	
		For Aluminum, Add	*1.09*	
		For Galvanized Steel, Add	*3.77*	
		For High Strength Steel (HSS), Add	*2.66*	
05 12 23 00-0143	LF	3" x 2" x 1/4" Thick, Plain Steel Angle Iron	13.29	5.40
		For >100 To 250, Deduct	*-0.69*	
		For >250 To 500, Deduct	*-1.03*	
		For >500 To 1,000, Deduct	*-1.54*	
		For >1,000, Deduct	*-2.05*	
		For 304 Stainless Steel, Add	*17.33*	
		For 316 Stainless Steel, Add	*19.46*	
		For Aluminum, Add	*1.09*	
		For Galvanized Steel, Add	*3.77*	
		For High Strength Steel (HSS), Add	*2.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0144	LF	3" x 2-1/2" x 1/4" Thick, Plain Steel Angle Iron	14.68	6.00
		For >100 To 250, Deduct	*-0.77*	
		For >250 To 500, Deduct	*-1.13*	
		For >500 To 1,000, Deduct	*-1.70*	
		For >1,000, Deduct	*-2.27*	
		For 304 Stainless Steel, Add	*19.07*	
		For 316 Stainless Steel, Add	*21.41*	
		For Aluminum, Add	*1.20*	
		For Galvanized Steel, Add	*4.15*	
		For High Strength Steel (HSS), Add	*2.94*	
05 12 23 00-0145	LF	3" x 3" x 1/4" Thick, Plain Steel Angle Iron	16.05	6.59
		For >100 To 250, Deduct	*-0.84*	
		For >250 To 500, Deduct	*-1.24*	
		For >500 To 1,000, Deduct	*-1.86*	
		For >1,000, Deduct	*-2.48*	
		For 304 Stainless Steel, Add	*20.69*	
		For 316 Stainless Steel, Add	*23.23*	
		For Aluminum, Add	*1.31*	
		For Galvanized Steel, Add	*4.50*	
		For High Strength Steel (HSS), Add	*3.21*	
05 12 23 00-0146	LF	3-1/2" x 3" x 1/4" Thick, Plain Steel Angle Iron	17.44	7.09
		For >100 To 250, Deduct	*-0.91*	
		For >250 To 500, Deduct	*-1.34*	
		For >500 To 1,000, Deduct	*-2.02*	
		For >1,000, Deduct	*-2.69*	
		For 304 Stainless Steel, Add	*22.80*	
		For 316 Stainless Steel, Add	*25.60*	
		For Aluminum, Add	*1.44*	
		For Galvanized Steel, Add	*4.96*	
		For High Strength Steel (HSS), Add	*3.49*	
05 12 23 00-0147	LF	3-1/2" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron	18.48	0.74
		For >100 To 250, Deduct	*-0.96*	
		For >250 To 500, Deduct	*-1.42*	
		For >500 To 1,000, Deduct	*-2.13*	
		For >1,000, Deduct	*-2.83*	
		For 304 Stainless Steel, Add	*24.57*	
		For 316 Stainless Steel, Add	*27.58*	
		For Aluminum, Add	*1.55*	
		For Galvanized Steel, Add	*5.34*	
		For High Strength Steel (HSS), Add	*3.70*	
05 12 23 00-0148	LF	4" x 3" x 1/4" Thick, Plain Steel Angle Iron	18.48	7.40
		For >100 To 250, Deduct	*-0.96*	
		For >250 To 500, Deduct	*-1.42*	
		For >500 To 1,000, Deduct	*-2.13*	
		For >1,000, Deduct	*-2.83*	
		For 304 Stainless Steel, Add	*24.57*	
		For 316 Stainless Steel, Add	*27.58*	
		For Aluminum, Add	*1.55*	
		For Galvanized Steel, Add	*5.34*	
		For High Strength Steel (HSS), Add	*3.70*	
05 12 23 00-0149	LF	4" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron	19.47	7.71
		For >100 To 250, Deduct	*-1.00*	
		For >250 To 500, Deduct	*-1.49*	
		For >500 To 1,000, Deduct	*-2.23*	
		For >1,000, Deduct	*-2.98*	
		For 304 Stainless Steel, Add	*26.19*	
		For 316 Stainless Steel, Add	*29.41*	
		For Aluminum, Add	*1.65*	
		For Galvanized Steel, Add	*5.70*	
		For High Strength Steel (HSS), Add	*3.89*	
05 12 23 00-0150	LF	4" x 4" x 1/4" Thick, Plain Steel Angle Iron	20.53	8.04
		For >100 To 250, Deduct	*-1.05*	
		For >250 To 500, Deduct	*-1.56*	
		For >500 To 1,000, Deduct	*-2.34*	
		For >1,000, Deduct	*-3.13*	
		For 304 Stainless Steel, Add	*27.96*	
		For 316 Stainless Steel, Add	*31.39*	
		For Aluminum, Add	*1.77*	
		For Galvanized Steel, Add	*6.08*	
		For High Strength Steel (HSS), Add	*4.11*	
05 12 23 00-0151	LF	5" x 3" x 1/4" Thick, Plain Steel Angle Iron	20.53	8.04
		For >100 To 250, Deduct	*-1.05*	
		For >250 To 500, Deduct	*-1.56*	
		For >500 To 1,000, Deduct	*-2.34*	
		For >1,000, Deduct	*-3.13*	
		For 304 Stainless Steel, Add	*27.96*	
		For 316 Stainless Steel, Add	*31.39*	
		For Aluminum, Add	*1.77*	
		For Galvanized Steel, Add	*6.08*	
		For High Strength Steel (HSS), Add	*4.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0152	LF	5" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron	21.67	8.47
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.65*	
		For >500 To 1,000, Deduct	*-2.47*	
		For >1,000, Deduct	*-3.30*	
		For 304 Stainless Steel, Add	*29.58*	
		For 316 Stainless Steel, Add	*33.22*	
		For Aluminum, Add	*1.87*	
		For Galvanized Steel, Add	*6.44*	
		For High Strength Steel (HSS), Add	*4.33*	
05 12 23 00-0153		5/16" Thick *(05 12 23 00-0106)*		
05 12 23 00-0154	LF	2-1/2" x 2" x 5/16" Thick, Plain Steel Angle Iron	14.32	5.73
		For >100 To 250, Deduct	*-0.74*	
		For >250 To 500, Deduct	*-1.10*	
		For >500 To 1,000, Deduct	*-1.65*	
		For >1,000, Deduct	*-2.20*	
		For 304 Stainless Steel, Add	*19.07*	
		For 316 Stainless Steel, Add	*21.41*	
		For Aluminum, Add	*1.20*	
		For Galvanized Steel, Add	*4.15*	
		For High Strength Steel (HSS), Add	*2.86*	
05 12 23 00-0155	LF	2-1/2" x 2-1/2" x 5/16" Thick, Plain Steel Angle Iron	15.52	6.07
		For >100 To 250, Deduct	*-0.79*	
		For >250 To 500, Deduct	*-1.18*	
		For >500 To 1,000, Deduct	*-1.77*	
		For >1,000, Deduct	*-2.36*	
		For 304 Stainless Steel, Add	*21.18*	
		For 316 Stainless Steel, Add	*23.78*	
		For Aluminum, Add	*1.34*	
		For Galvanized Steel, Add	*4.61*	
		For High Strength Steel (HSS), Add	*3.10*	
05 12 23 00-0156	LF	3" x 2" x 5/16" Thick, Plain Steel Angle Iron	15.52	6.07
		For >100 To 250, Deduct	*-0.79*	
		For >250 To 500, Deduct	*-1.18*	
		For >500 To 1,000, Deduct	*-1.77*	
		For >1,000, Deduct	*-2.36*	
		For 304 Stainless Steel, Add	*21.18*	
		For 316 Stainless Steel, Add	*23.78*	
		For Aluminum, Add	*1.34*	
		For Galvanized Steel, Add	*4.61*	
		For High Strength Steel (HSS), Add	*3.10*	
05 12 23 00-0157	LF	3" x 2-1/2" x 5/16" Thick, Plain Steel Angle Iron	17.20	6.65
		For >100 To 250, Deduct	*-0.87*	
		For >250 To 500, Deduct	*-1.30*	
		For >500 To 1,000, Deduct	*-1.96*	
		For >1,000, Deduct	*-2.61*	
		For 304 Stainless Steel, Add	*23.71*	
		For 316 Stainless Steel, Add	*26.62*	
		For Aluminum, Add	*1.50*	
		For Galvanized Steel, Add	*5.16*	
		For High Strength Steel (HSS), Add	*3.44*	
05 12 23 00-0158	LF	3" x 3" x 5/16" Thick, Plain Steel Angle Iron	18.71	7.24
		For >100 To 250, Deduct	*-0.95*	
		For >250 To 500, Deduct	*-1.42*	
		For >500 To 1,000, Deduct	*-2.13*	
		For >1,000, Deduct	*-2.84*	
		For 304 Stainless Steel, Add	*25.82*	
		For 316 Stainless Steel, Add	*28.99*	
		For Aluminum, Add	*1.63*	
		For Galvanized Steel, Add	*5.62*	
		For High Strength Steel (HSS), Add	*3.74*	
05 12 23 00-0159	LF	3-1/2" x 3" x 5/16" Thick, Plain Steel Angle Iron	19.94	7.60
		For >100 To 250, Deduct	*-1.01*	
		For >250 To 500, Deduct	*-1.50*	
		For >500 To 1,000, Deduct	*-2.26*	
		For >1,000, Deduct	*-3.01*	
		For 304 Stainless Steel, Add	*27.96*	
		For 316 Stainless Steel, Add	*31.39*	
		For Aluminum, Add	*1.77*	
		For Galvanized Steel, Add	*6.08*	
		For High Strength Steel (HSS), Add	*3.99*	
05 12 23 00-0160	LF	3-1/2" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	21.31	7.98
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.60*	
		For >500 To 1,000, Deduct	*-2.40*	
		For >1,000, Deduct	*-3.20*	
		For 304 Stainless Steel, Add	*30.41*	
		For 316 Stainless Steel, Add	*34.14*	
		For Aluminum, Add	*1.92*	
		For Galvanized Steel, Add	*6.62*	
		For High Strength Steel (HSS), Add	*4.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0161	LF	4" x 3" x 5/16" Thick, Plain Steel Angle Iron	21.31	7.98
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.60*	
		For >500 To 1,000, Deduct	*-2.40*	
		For >1,000, Deduct	*-3.20*	
		For 304 Stainless Steel, Add	*30.41*	
		For 316 Stainless Steel, Add	*34.14*	
		For Aluminum, Add	*1.92*	
		For Galvanized Steel, Add	*6.62*	
		For High Strength Steel (HSS), Add	*4.26*	
05 12 23 00-0162	LF	4" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	22.66	8.43
		For >100 To 250, Deduct	*-1.13*	
		For >250 To 500, Deduct	*-1.70*	
		For >500 To 1,000, Deduct	*-2.54*	
		For >1,000, Deduct	*-3.39*	
		For 304 Stainless Steel, Add	*32.52*	
		For 316 Stainless Steel, Add	*36.51*	
		For Aluminum, Add	*2.05*	
		For Galvanized Steel, Add	*7.07*	
		For High Strength Steel (HSS), Add	*4.53*	
05 12 23 00-0163	LF	4" x 4" x 5/16" Thick, Plain Steel Angle Iron	23.94	8.81
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.78*	
		For >500 To 1,000, Deduct	*-2.68*	
		For >1,000, Deduct	*-3.57*	
		For 304 Stainless Steel, Add	*34.74*	
		For 316 Stainless Steel, Add	*39.01*	
		For Aluminum, Add	*2.19*	
		For Galvanized Steel, Add	*7.56*	
		For High Strength Steel (HSS), Add	*4.79*	
05 12 23 00-0164	LF	5" x 3" x 5/16" Thick, Plain Steel Angle Iron	23.94	8.81
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.78*	
		For >500 To 1,000, Deduct	*-2.68*	
		For >1,000, Deduct	*-3.57*	
		For 304 Stainless Steel, Add	*34.74*	
		For 316 Stainless Steel, Add	*39.01*	
		For Aluminum, Add	*2.19*	
		For Galvanized Steel, Add	*7.56*	
		For High Strength Steel (HSS), Add	*4.79*	
05 12 23 00-0165	LF	5" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	25.14	9.18
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.87*	
		For >500 To 1,000, Deduct	*-2.80*	
		For >1,000, Deduct	*-3.74*	
		For 304 Stainless Steel, Add	*36.77*	
		For 316 Stainless Steel, Add	*41.28*	
		For Aluminum, Add	*2.32*	
		For Galvanized Steel, Add	*8.00*	
		For High Strength Steel (HSS), Add	*5.03*	
05 12 23 00-0166	LF	5" x 5" x 5/16" Thick, Plain Steel Angle Iron	28.06	9.56
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-2.04*	
		For >500 To 1,000, Deduct	*-3.06*	
		For >1,000, Deduct	*-4.08*	
		For 304 Stainless Steel, Add	*43.63*	
		For 316 Stainless Steel, Add	*48.99*	
		For Aluminum, Add	*2.76*	
		For Galvanized Steel, Add	*9.49*	
		For High Strength Steel (HSS), Add	*5.61*	
05 12 23 00-0167	LF	6" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	27.82	9.96
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-2.06*	
		For >500 To 1,000, Deduct	*-3.08*	
		For >1,000, Deduct	*-4.11*	
		For 304 Stainless Steel, Add	*41.41*	
		For 316 Stainless Steel, Add	*46.50*	
		For Aluminum, Add	*2.62*	
		For Galvanized Steel, Add	*9.01*	
		For High Strength Steel (HSS), Add	*5.56*	
05 12 23 00-0168		3/8" Thick *(05 12 23 00-0106)*		
05 12 23 00-0169	LF	3" x 2" x 3/8" Thick, Plain Steel Angle Iron	17.22	6.35
		For >100 To 250, Deduct	*-0.85*	
		For >250 To 500, Deduct	*-1.28*	
		For >500 To 1,000, Deduct	*-1.93*	
		For >1,000, Deduct	*-2.57*	
		For 304 Stainless Steel, Add	*24.94*	
		For 316 Stainless Steel, Add	*28.00*	
		For Aluminum, Add	*1.58*	
		For Galvanized Steel, Add	*5.43*	
		For High Strength Steel (HSS), Add	*3.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0170	LF	3" x 2-1/2" x 3/8" Thick, Plain Steel Angle Iron	18.99	6.88
		For >100 To 250, Deduct	*-0.93*	
		For >250 To 500, Deduct	*-1.41*	
		For >500 To 1,000, Deduct	*-2.11*	
		For >1,000, Deduct	*-2.82*	
		For 304 Stainless Steel, Add	*27.96*	
		For 316 Stainless Steel, Add	*31.39*	
		For Aluminum, Add	*1.77*	
		For Galvanized Steel, Add	*6.08*	
		For High Strength Steel (HSS), Add	*3.80*	
05 12 23 00-0171	LF	3" x 3" x 3/8" Thick, Plain Steel Angle Iron	20.55	7.41
		For >100 To 250, Deduct	*-1.01*	
		For >250 To 500, Deduct	*-1.52*	
		For >500 To 1,000, Deduct	*-2.28*	
		For >1,000, Deduct	*-3.04*	
		For 304 Stainless Steel, Add	*30.41*	
		For 316 Stainless Steel, Add	*34.14*	
		For Aluminum, Add	*1.92*	
		For Galvanized Steel, Add	*6.62*	
		For High Strength Steel (HSS), Add	*4.11*	
05 12 23 00-0172	LF	3-1/2" x 3" x 3/8" Thick, Plain Steel Angle Iron	21.89	7.62
		For >100 To 250, Deduct	*-1.05*	
		For >250 To 500, Deduct	*-1.60*	
		For >500 To 1,000, Deduct	*-2.40*	
		For >1,000, Deduct	*-3.20*	
		For 304 Stainless Steel, Add	*33.46*	
		For 316 Stainless Steel, Add	*37.57*	
		For Aluminum, Add	*2.11*	
		For Galvanized Steel, Add	*7.28*	
		For High Strength Steel (HSS), Add	*4.38*	
05 12 23 00-0173	LF	3-1/2" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	23.31	8.03
		For >100 To 250, Deduct	*-1.12*	
		For >250 To 500, Deduct	*-1.70*	
		For >500 To 1,000, Deduct	*-2.55*	
		For >1,000, Deduct	*-3.40*	
		For 304 Stainless Steel, Add	*35.91*	
		For 316 Stainless Steel, Add	*40.32*	
		For Aluminum, Add	*2.27*	
		For Galvanized Steel, Add	*7.81*	
		For High Strength Steel (HSS), Add	*4.66*	
05 12 23 00-0174	LF	4" x 3" x 3/8" Thick, Plain Steel Angle Iron	23.31	8.03
		For >100 To 250, Deduct	*-1.12*	
		For >250 To 500, Deduct	*-1.70*	
		For >500 To 1,000, Deduct	*-2.55*	
		For >1,000, Deduct	*-3.40*	
		For 304 Stainless Steel, Add	*35.91*	
		For 316 Stainless Steel, Add	*40.32*	
		For Aluminum, Add	*2.27*	
		For Galvanized Steel, Add	*7.81*	
		For High Strength Steel (HSS), Add	*4.66*	
05 12 23 00-0175	LF	4" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	25.16	8.76
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.84*	
		For >500 To 1,000, Deduct	*-2.76*	
		For >1,000, Deduct	*-3.68*	
		For 304 Stainless Steel, Add	*38.45*	
		For 316 Stainless Steel, Add	*43.17*	
		For Aluminum, Add	*2.43*	
		For Galvanized Steel, Add	*8.36*	
		For High Strength Steel (HSS), Add	*5.03*	
05 12 23 00-0176	LF	4" x 4" x 3/8" Thick, Plain Steel Angle Iron	26.54	9.01
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.93*	
		For >500 To 1,000, Deduct	*-2.89*	
		For >1,000, Deduct	*-3.86*	
		For 304 Stainless Steel, Add	*41.41*	
		For 316 Stainless Steel, Add	*46.50*	
		For Aluminum, Add	*2.62*	
		For Galvanized Steel, Add	*9.01*	
		For High Strength Steel (HSS), Add	*5.31*	
05 12 23 00-0177	LF	5" x 3" x 3/8" Thick, Plain Steel Angle Iron	27.02	9.36
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.98*	
		For >500 To 1,000, Deduct	*-2.96*	
		For >1,000, Deduct	*-3.95*	
		For 304 Stainless Steel, Add	*41.41*	
		For 316 Stainless Steel, Add	*46.50*	
		For Aluminum, Add	*2.62*	
		For Galvanized Steel, Add	*9.01*	
		For High Strength Steel (HSS), Add	*5.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0178	LF	5" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	28.88	10.09
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-2.12*	
		For >500 To 1,000, Deduct	*-3.18*	
		For >1,000, Deduct	*-4.23*	
		For 304 Stainless Steel, Add	*43.95*	
		For 316 Stainless Steel, Add	*49.34*	
		For Aluminum, Add	*2.78*	
		For Galvanized Steel, Add	*9.56*	
		For High Strength Steel (HSS), Add	*5.78*	
05 12 23 00-0179	LF	5" x 5" x 3/8" Thick, Plain Steel Angle Iron	33.96	11.76
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.48*	
		For >500 To 1,000, Deduct	*-3.72*	
		For >1,000, Deduct	*-4.96*	
		For 304 Stainless Steel, Add	*52.10*	
		For 316 Stainless Steel, Add	*58.50*	
		For Aluminum, Add	*3.29*	
		For Galvanized Steel, Add	*11.33*	
		For High Strength Steel (HSS), Add	*6.79*	
05 12 23 00-0180	LF	6" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	31.92	10.93
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-2.33*	
		For >500 To 1,000, Deduct	*-3.49*	
		For >1,000, Deduct	*-4.65*	
		For 304 Stainless Steel, Add	*49.42*	
		For 316 Stainless Steel, Add	*55.49*	
		For Aluminum, Add	*3.12*	
		For Galvanized Steel, Add	*10.75*	
		For High Strength Steel (HSS), Add	*6.38*	
05 12 23 00-0181	LF	6" x 4" x 3/8" Thick, Plain Steel Angle Iron	33.96	11.76
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.48*	
		For >500 To 1,000, Deduct	*-3.72*	
		For >1,000, Deduct	*-4.96*	
		For 304 Stainless Steel, Add	*52.10*	
		For 316 Stainless Steel, Add	*58.50*	
		For Aluminum, Add	*3.29*	
		For Galvanized Steel, Add	*11.33*	
		For High Strength Steel (HSS), Add	*6.79*	
05 12 23 00-0182	LF	6" x 6" x 3/8" Thick, Plain Steel Angle Iron	40.95	14.12
		For >100 To 250, Deduct	*-1.96*	
		For >250 To 500, Deduct	*-2.99*	
		For >500 To 1,000, Deduct	*-4.48*	
		For >1,000, Deduct	*-5.98*	
		For 304 Stainless Steel, Add	*63.10*	
		For 316 Stainless Steel, Add	*70.85*	
		For Aluminum, Add	*3.99*	
		For Galvanized Steel, Add	*13.73*	
		For High Strength Steel (HSS), Add	*8.19*	
05 12 23 00-0183	LF	7" x 4" x 3/8" Thick, Plain Steel Angle Iron	37.46	12.94
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.74*	
		For >500 To 1,000, Deduct	*-4.10*	
		For >1,000, Deduct	*-5.47*	
		For 304 Stainless Steel, Add	*57.60*	
		For 316 Stainless Steel, Add	*64.67*	
		For Aluminum, Add	*3.64*	
		For Galvanized Steel, Add	*12.53*	
		For High Strength Steel (HSS), Add	*7.49*	

05 12 23 00-0184 1/2" Thick *(05 12 23 00-0106)*

05 12 23 00-0185	LF	3" x 3" x 1/2" Thick, Plain Steel Angle Iron	24.06	7.57
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.71*	
		For >500 To 1,000, Deduct	*-2.56*	
		For >1,000, Deduct	*-3.42*	
		For 304 Stainless Steel, Add	*39.81*	
		For 316 Stainless Steel, Add	*44.70*	
		For Aluminum, Add	*2.51*	
		For Galvanized Steel, Add	*8.66*	
		For High Strength Steel (HSS), Add	*4.81*	
05 12 23 00-0186	LF	4" x 3" x 1/2" Thick, Plain Steel Angle Iron	28.43	8.95
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-2.02*	
		For >500 To 1,000, Deduct	*-3.03*	
		For >1,000, Deduct	*-4.04*	
		For 304 Stainless Steel, Add	*47.03*	
		For 316 Stainless Steel, Add	*52.80*	
		For Aluminum, Add	*2.97*	
		For Galvanized Steel, Add	*10.23*	
		For High Strength Steel (HSS), Add	*5.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0187	LF	4" x 3-1/2" x 1/2" Thick, Plain Steel Angle Iron	30.46	9.58
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-2.16*	
		For >500 To 1,000, Deduct	*-3.24*	
		For >1,000, Deduct	*-4.32*	
		For 304 Stainless Steel, Add	*50.39*	
		For 316 Stainless Steel, Add	*56.58*	
		For Aluminum, Add	*3.18*	
		For Galvanized Steel, Add	*10.96*	
		For High Strength Steel (HSS), Add	*6.09*	
05 12 23 00-0188	LF	4" x 4" x 1/2" Thick, Plain Steel Angle Iron	32.77	10.32
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-2.33*	
		For >500 To 1,000, Deduct	*-3.49*	
		For >1,000, Deduct	*-4.65*	
		For 304 Stainless Steel, Add	*54.21*	
		For 316 Stainless Steel, Add	*60.86*	
		For Aluminum, Add	*3.42*	
		For Galvanized Steel, Add	*11.79*	
		For High Strength Steel (HSS), Add	*6.55*	
05 12 23 00-0189	LF	5" x 3" x 1/2" Thick, Plain Steel Angle Iron	32.77	10.32
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-2.33*	
		For >500 To 1,000, Deduct	*-3.49*	
		For >1,000, Deduct	*-4.65*	
		For 304 Stainless Steel, Add	*54.21*	
		For 316 Stainless Steel, Add	*60.86*	
		For Aluminum, Add	*3.42*	
		For Galvanized Steel, Add	*11.79*	
		For High Strength Steel (HSS), Add	*6.55*	
05 12 23 00-0190	LF	5" x 3-1/2" x 1/2" Thick, Plain Steel Angle Iron	34.81	10.96
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.47*	
		For >500 To 1,000, Deduct	*-3.71*	
		For >1,000, Deduct	*-4.94*	
		For 304 Stainless Steel, Add	*57.60*	
		For 316 Stainless Steel, Add	*64.67*	
		For Aluminum, Add	*3.64*	
		For Galvanized Steel, Add	*12.53*	
		For High Strength Steel (HSS), Add	*6.96*	
05 12 23 00-0191	LF	5" x 5" x 1/2" Thick, Plain Steel Angle Iron	41.47	13.05
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.94*	
		For >500 To 1,000, Deduct	*-4.42*	
		For >1,000, Deduct	*-5.89*	
		For 304 Stainless Steel, Add	*68.60*	
		For 316 Stainless Steel, Add	*77.02*	
		For Aluminum, Add	*4.33*	
		For Galvanized Steel, Add	*14.92*	
		For High Strength Steel (HSS), Add	*8.29*	
05 12 23 00-0192	LF	6" x 4" x 1/2" Thick, Plain Steel Angle Iron	41.47	13.05
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.94*	
		For >500 To 1,000, Deduct	*-4.42*	
		For >1,000, Deduct	*-5.89*	
		For 304 Stainless Steel, Add	*68.60*	
		For 316 Stainless Steel, Add	*77.02*	
		For Aluminum, Add	*4.33*	
		For Galvanized Steel, Add	*14.92*	
		For High Strength Steel (HSS), Add	*8.29*	
05 12 23 00-0193	LF	6" x 6" x 1/2" Thick, Plain Steel Angle Iron	50.17	15.79
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-3.56*	
		For >500 To 1,000, Deduct	*-5.34*	
		For >1,000, Deduct	*-7.12*	
		For 304 Stainless Steel, Add	*82.99*	
		For 316 Stainless Steel, Add	*93.18*	
		For Aluminum, Add	*5.24*	
		For Galvanized Steel, Add	*18.05*	
		For High Strength Steel (HSS), Add	*10.03*	
05 12 23 00-0194	LF	7" x 4" x 1/2" Thick, Plain Steel Angle Iron	45.81	14.42
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-3.25*	
		For >500 To 1,000, Deduct	*-4.88*	
		For >1,000, Deduct	*-6.50*	
		For 304 Stainless Steel, Add	*75.78*	
		For 316 Stainless Steel, Add	*85.09*	
		For Aluminum, Add	*4.79*	
		For Galvanized Steel, Add	*16.49*	
		For High Strength Steel (HSS), Add	*9.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0195	LF	8" x 4" x 1/2" Thick, Plain Steel Angle Iron	50.17	15.79
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-3.56*	
		For >500 To 1,000, Deduct	*-5.34*	
		For >1,000, Deduct	*-7.12*	
		For 304 Stainless Steel, Add	*82.99*	
		For 316 Stainless Steel, Add	*93.18*	
		For Aluminum, Add	*5.24*	
		For Galvanized Steel, Add	*18.05*	
		For High Strength Steel (HSS), Add	*10.03*	
05 12 23 00-0196	LF	8" x 6" x 1/2" Thick, Plain Steel Angle Iron	58.89	18.54
		For >100 To 250, Deduct	*-2.71*	
		For >250 To 500, Deduct	*-4.18*	
		For >500 To 1,000, Deduct	*-6.27*	
		For >1,000, Deduct	*-8.36*	
		For 304 Stainless Steel, Add	*97.41*	
		For 316 Stainless Steel, Add	*109.38*	
		For Aluminum, Add	*6.15*	
		For Galvanized Steel, Add	*21.19*	
		For High Strength Steel (HSS), Add	*11.78*	
05 12 23 00-0197	LF	8" x 8" x 1/2" Thick, Plain Steel Angle Iron	67.58	21.27
		For >100 To 250, Deduct	*-3.11*	
		For >250 To 500, Deduct	*-4.80*	
		For >500 To 1,000, Deduct	*-7.20*	
		For >1,000, Deduct	*-9.59*	
		For 304 Stainless Steel, Add	*111.78*	
		For 316 Stainless Steel, Add	*125.50*	
		For Aluminum, Add	*7.06*	
		For Galvanized Steel, Add	*24.32*	
		For High Strength Steel (HSS), Add	*13.52*	
05 12 23 00-0198		5/8" Thick *(05 12 23 00-0106)*		
05 12 23 00-0199	LF	4" x 4" x 5/8" Thick, Plain Steel Angle Iron	39.09	11.83
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.74*	
		For >500 To 1,000, Deduct	*-4.11*	
		For >1,000, Deduct	*-5.49*	
		For 316 Stainless Steel, Add	*74.66*	
		For Aluminum, Add	*4.20*	
		For Galvanized Steel, Add	*14.46*	
		For High Strength Steel (HSS), Add	*7.82*	
05 12 23 00-0200	LF	5" x 3-1/2" x 5/8" Thick, Plain Steel Angle Iron	41.84	12.65
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.94*	
		For >500 To 1,000, Deduct	*-4.40*	
		For >1,000, Deduct	*-5.87*	
		For 316 Stainless Steel, Add	*79.90*	
		For Aluminum, Add	*4.49*	
		For Galvanized Steel, Add	*15.48*	
		For High Strength Steel (HSS), Add	*8.37*	
05 12 23 00-0201	LF	5" x 5" x 5/8" Thick, Plain Steel Angle Iron	49.79	15.06
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-3.49*	
		For >500 To 1,000, Deduct	*-5.24*	
		For >1,000, Deduct	*-6.99*	
		For 316 Stainless Steel, Add	*95.07*	
		For Aluminum, Add	*5.35*	
		For Galvanized Steel, Add	*18.42*	
		For High Strength Steel (HSS), Add	*9.96*	
05 12 23 00-0202	LF	6" x 4" x 5/8" Thick, Plain Steel Angle Iron	49.79	15.06
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-3.49*	
		For >500 To 1,000, Deduct	*-5.24*	
		For >1,000, Deduct	*-6.99*	
		For 316 Stainless Steel, Add	*95.07*	
		For Aluminum, Add	*5.35*	
		For Galvanized Steel, Add	*18.42*	
		For High Strength Steel (HSS), Add	*9.96*	
05 12 23 00-0203	LF	6" x 6" x 5/8" Thick, Plain Steel Angle Iron	60.26	18.22
		For >100 To 250, Deduct	*-2.72*	
		For >250 To 500, Deduct	*-4.23*	
		For >500 To 1,000, Deduct	*-6.34*	
		For >1,000, Deduct	*-8.46*	
		For 316 Stainless Steel, Add	*115.07*	
		For Aluminum, Add	*6.47*	
		For Galvanized Steel, Add	*22.30*	
		For High Strength Steel (HSS), Add	*12.05*	
05 12 23 00-0204	LF	7" x 4" x 5/8" Thick, Plain Steel Angle Iron	55.03	16.64
		For >100 To 250, Deduct	*-2.49*	
		For >250 To 500, Deduct	*-3.86*	
		For >500 To 1,000, Deduct	*-5.79*	
		For >1,000, Deduct	*-7.72*	
		For 316 Stainless Steel, Add	*105.09*	
		For Aluminum, Add	*5.91*	
		For Galvanized Steel, Add	*20.36*	
		For High Strength Steel (HSS), Add	*11.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0205	LF	8" x 6" x 5/8" Thick, Plain Steel Angle Iron	70.96	21.46
		For >100 To 250, Deduct	*-3.20*	
		For >250 To 500, Deduct	*-4.98*	
		For >500 To 1,000, Deduct	*-7.47*	
		For >1,000, Deduct	*-9.96*	
		For 316 Stainless Steel, Add	*135.52*	
		For Aluminum, Add	*7.62*	
		For Galvanized Steel, Add	*26.26*	
		For High Strength Steel (HSS), Add	*14.19*	
05 12 23 00-0206	LF	8" x 8" x 5/8" Thick, Plain Steel Angle Iron	81.43	24.62
		For >100 To 250, Deduct	*-3.68*	
		For >250 To 500, Deduct	*-5.71*	
		For >500 To 1,000, Deduct	*-8.57*	
		For >1,000, Deduct	*-11.43*	
		For 316 Stainless Steel, Add	*155.52*	
		For Aluminum, Add	*8.75*	
		For Galvanized Steel, Add	*30.13*	
		For High Strength Steel (HSS), Add	*16.29*	

05 12 23 00-0207 3/4" Thick *(05 12 23 00-0106)*

05 12 23 00-0208	LF	4" x 4" x 3/4" Thick, Plain Steel Angle Iron	44.92	13.06
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-3.12*	
		For >500 To 1,000, Deduct	*-4.68*	
		For >1,000, Deduct	*-6.23*	
		For 316 Stainless Steel, Add	*88.00*	
		For Aluminum, Add	*4.95*	
		For Galvanized Steel, Add	*17.05*	
		For High Strength Steel (HSS), Add	*8.98*	
05 12 23 00-0209	LF	5" x 3-1/2" x 3/4" Thick, Plain Steel Angle Iron	48.06	13.98
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-3.34*	
		For >500 To 1,000, Deduct	*-5.00*	
		For >1,000, Deduct	*-6.67*	
		For 316 Stainless Steel, Add	*94.14*	
		For Aluminum, Add	*5.30*	
		For Galvanized Steel, Add	*18.24*	
		For High Strength Steel (HSS), Add	*9.61*	
05 12 23 00-0210	LF	5" x 5" x 3/4" Thick, Plain Steel Angle Iron	57.28	16.67
		For >100 To 250, Deduct	*-2.54*	
		For >250 To 500, Deduct	*-3.97*	
		For >500 To 1,000, Deduct	*-5.96*	
		For >1,000, Deduct	*-7.95*	
		For 316 Stainless Steel, Add	*112.22*	
		For Aluminum, Add	*6.31*	
		For Galvanized Steel, Add	*21.74*	
		For High Strength Steel (HSS), Add	*11.46*	
05 12 23 00-0211	LF	6" x 4" x 3/4" Thick, Plain Steel Angle Iron	57.28	16.67
		For >100 To 250, Deduct	*-2.54*	
		For >250 To 500, Deduct	*-3.97*	
		For >500 To 1,000, Deduct	*-5.96*	
		For >1,000, Deduct	*-7.95*	
		For 316 Stainless Steel, Add	*112.22*	
		For Aluminum, Add	*6.31*	
		For Galvanized Steel, Add	*21.74*	
		For High Strength Steel (HSS), Add	*11.46*	
05 12 23 00-0212	LF	6" x 6" x 3/4" Thick, Plain Steel Angle Iron	69.67	20.25
		For >100 To 250, Deduct	*-3.09*	
		For >250 To 500, Deduct	*-4.83*	
		For >500 To 1,000, Deduct	*-7.25*	
		For >1,000, Deduct	*-9.67*	
		For 316 Stainless Steel, Add	*136.48*	
		For Aluminum, Add	*7.68*	
		For Galvanized Steel, Add	*26.44*	
		For High Strength Steel (HSS), Add	*13.93*	
05 12 23 00-0213	LF	7" x 4" x 3/4" Thick, Plain Steel Angle Iron	63.59	18.50
		For >100 To 250, Deduct	*-2.82*	
		For >250 To 500, Deduct	*-4.41*	
		For >500 To 1,000, Deduct	*-6.62*	
		For >1,000, Deduct	*-8.83*	
		For 316 Stainless Steel, Add	*124.58*	
		For Aluminum, Add	*7.01*	
		For Galvanized Steel, Add	*24.14*	
		For High Strength Steel (HSS), Add	*12.72*	
05 12 23 00-0214	LF	8" x 4" x 3/4" Thick, Plain Steel Angle Iron	69.67	20.25
		For >100 To 250, Deduct	*-3.09*	
		For >250 To 500, Deduct	*-4.83*	
		For >500 To 1,000, Deduct	*-7.25*	
		For >1,000, Deduct	*-9.67*	
		For 316 Stainless Steel, Add	*136.48*	
		For Aluminum, Add	*7.68*	
		For Galvanized Steel, Add	*26.44*	
		For High Strength Steel (HSS), Add	*13.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0215	LF	8" x 6" x 3/4" Thick, Plain Steel Angle Iron	82.05	23.85
		For >100 To 250, Deduct	*-3.64*	
		For >250 To 500, Deduct	*-5.69*	
		For >500 To 1,000, Deduct	*-8.54*	
		For >1,000, Deduct	*-11.39*	
		For 316 Stainless Steel, Add	*160.77*	
		For Aluminum, Add	*9.04*	
		For Galvanized Steel, Add	*31.15*	
		For High Strength Steel (HSS), Add	*16.41*	
05 12 23 00-0216	LF	8" x 8" x 3/4" Thick, Plain Steel Angle Iron	94.42	27.46
		For >100 To 250, Deduct	*-4.19*	
		For >250 To 500, Deduct	*-6.55*	
		For >500 To 1,000, Deduct	*-9.83*	
		For >1,000, Deduct	*-13.10*	
		For 316 Stainless Steel, Add	*184.99*	
		For Aluminum, Add	*10.41*	
		For Galvanized Steel, Add	*35.84*	
		For High Strength Steel (HSS), Add	*18.88*	
05 12 23 00-0217		7/8" Thick *(05 12 23 00-0106)*		
05 12 23 00-0218	LF	5" x 5" x 7/8" Thick, Plain Steel Angle Iron	64.30	17.92
		For >100 To 250, Deduct	*-2.80*	
		For >250 To 500, Deduct	*-4.41*	
		For >500 To 1,000, Deduct	*-6.61*	
		For >1,000, Deduct	*-8.82*	
		For 316 Stainless Steel, Add	*129.31*	
		For Aluminum, Add	*7.27*	
		For Galvanized Steel, Add	*25.05*	
		For High Strength Steel (HSS), Add	*12.86*	
05 12 23 00-0219	LF	6" x 4" x 7/8" Thick, Plain Steel Angle Iron	64.30	17.92
		For >100 To 250, Deduct	*-2.80*	
		For >250 To 500, Deduct	*-4.41*	
		For >500 To 1,000, Deduct	*-6.61*	
		For >1,000, Deduct	*-8.82*	
		For 316 Stainless Steel, Add	*129.31*	
		For Aluminum, Add	*7.27*	
		For Galvanized Steel, Add	*25.05*	
		For High Strength Steel (HSS), Add	*12.86*	
05 12 23 00-0220	LF	6" x 6" x 7/8" Thick, Plain Steel Angle Iron	78.27	21.81
		For >100 To 250, Deduct	*-3.41*	
		For >250 To 500, Deduct	*-5.37*	
		For >500 To 1,000, Deduct	*-8.05*	
		For >1,000, Deduct	*-10.74*	
		For 316 Stainless Steel, Add	*157.41*	
		For Aluminum, Add	*8.85*	
		For Galvanized Steel, Add	*30.50*	
		For High Strength Steel (HSS), Add	*15.65*	
05 12 23 00-0221	LF	8" x 6" x 7/8" Thick, Plain Steel Angle Iron	92.46	25.76
		For >100 To 250, Deduct	*-4.03*	
		For >250 To 500, Deduct	*-6.34*	
		For >500 To 1,000, Deduct	*-9.51*	
		For >1,000, Deduct	*-12.68*	
		For 316 Stainless Steel, Add	*185.95*	
		For Aluminum, Add	*10.46*	
		For Galvanized Steel, Add	*36.03*	
		For High Strength Steel (HSS), Add	*18.49*	
05 12 23 00-0222	LF	8" x 8" x 7/8" Thick, Plain Steel Angle Iron	106.39	29.65
		For >100 To 250, Deduct	*-4.64*	
		For >250 To 500, Deduct	*-7.30*	
		For >500 To 1,000, Deduct	*-10.94*	
		For >1,000, Deduct	*-14.59*	
		For 316 Stainless Steel, Add	*213.95*	
		For Aluminum, Add	*12.03*	
		For Galvanized Steel, Add	*41.45*	
		For High Strength Steel (HSS), Add	*21.28*	
05 12 23 00-0223		Bar Channel *(05 12 23 00-0105)*		
05 12 23 00-0224	LF	1" x 1/2" x 1/8" Thick Bar Channel	5.58	
		For 304 Stainless Steel, Add	*4.62*	
		For 316 Stainless Steel, Add	*5.18*	
		For Aluminum, Add	*0.29*	
		For Galvanized Steel, Add	*1.00*	
		For High Strength Steel (HSS), Add	*1.12*	
05 12 23 00-0225	LF	1-1/4" x 1/2" x 1/8" Thick Bar Channel	6.25	
		For 304 Stainless Steel, Add	*5.53*	
		For 316 Stainless Steel, Add	*6.21*	
		For Aluminum, Add	*0.35*	
		For Galvanized Steel, Add	*1.20*	
		For High Strength Steel (HSS), Add	*1.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0226	LF	1-1/2" x 1/2" x 1/8" Thick Bar Channel	6.80	
		For 304 Stainless Steel, Add	*6.10*	
		For 316 Stainless Steel, Add	*6.85*	
		For Aluminum, Add	*0.39*	
		For Galvanized Steel, Add	*1.33*	
		For High Strength Steel (HSS), Add	*1.36*	
05 12 23 00-0227	LF	1-1/2" x 3/4" x 1/8" Thick Bar Channel	7.80	
		For 304 Stainless Steel, Add	*6.36*	
		For 316 Stainless Steel, Add	*7.14*	
		For Aluminum, Add	*0.40*	
		For Galvanized Steel, Add	*1.38*	
		For High Strength Steel (HSS), Add	*1.56*	
05 12 23 00-0228	LF	2" x 1/2" x 1/8" Thick Bar Channel	8.31	
		For 304 Stainless Steel, Add	*7.81*	
		For 316 Stainless Steel, Add	*8.77*	
		For Aluminum, Add	*0.49*	
		For Galvanized Steel, Add	*1.70*	
05 12 23 00-0229	LF	2" x 1" x 1/8" Thick Bar Channel	11.02	
		For 304 Stainless Steel, Add	*8.72*	
		For 316 Stainless Steel, Add	*9.79*	
		For Aluminum, Add	*0.55*	
		For Galvanized Steel, Add	*1.90*	

05 12 23 00-0230 Channels - C *(05 12 23 00-0105)*

05 12 23 00-0231	LF	C2 x 1.78 - 2" Wide Channel	9.15	4.91
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-0.79*	
		For >500 To 1,000, Deduct	*-1.18*	
		For >1,000, Deduct	*-1.57*	
		For 304 Stainless Steel, Add	*7.41*	
		For 316 Stainless Steel, Add	*8.32*	
		For Aluminum, Add	*0.47*	
		For Galvanized Steel, Add	*1.61*	
05 12 23 00-0232	LF	C3 x 4.1 - 3" Wide Channel	15.50	7.06
		For >100 To 250, Deduct	*-0.86*	
		For >250 To 500, Deduct	*-1.25*	
		For >500 To 1,000, Deduct	*-1.87*	
		For >1,000, Deduct	*-2.49*	
		For 304 Stainless Steel, Add	*17.36*	
		For 316 Stainless Steel, Add	*19.49*	
		For Aluminum, Add	*1.10*	
		For Galvanized Steel, Add	*3.78*	
05 12 23 00-0233	LF	C3 x 5 - 3" Wide Channel	18.91	8.61
		For >100 To 250, Deduct	*-1.05*	
		For >250 To 500, Deduct	*-1.52*	
		For >500 To 1,000, Deduct	*-2.28*	
		For >1,000, Deduct	*-3.04*	
		For 304 Stainless Steel, Add	*21.18*	
		For 316 Stainless Steel, Add	*23.78*	
		For Aluminum, Add	*1.34*	
		For Galvanized Steel, Add	*4.61*	
05 12 23 00-0234	LF	C3 x 6 - 3" Wide Channel	22.69	10.33
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.82*	
		For >500 To 1,000, Deduct	*-2.74*	
		For >1,000, Deduct	*-3.65*	
		For 304 Stainless Steel, Add	*25.39*	
		For 316 Stainless Steel, Add	*28.51*	
		For Aluminum, Add	*1.60*	
		For Galvanized Steel, Add	*5.52*	
05 12 23 00-0235	LF	C4 x 5.4 - 4" Wide Channel	19.31	8.47
		For >100 To 250, Deduct	*-1.05*	
		For >250 To 500, Deduct	*-1.53*	
		For >500 To 1,000, Deduct	*-2.30*	
		For >1,000, Deduct	*-3.06*	
		For 304 Stainless Steel, Add	*22.86*	
		For 316 Stainless Steel, Add	*25.66*	
		For Aluminum, Add	*1.44*	
		For Galvanized Steel, Add	*4.97*	
05 12 23 00-0236	LF	C4 x 7.25 - 4" Wide Channel	25.93	11.37
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-2.05*	
		For >500 To 1,000, Deduct	*-3.08*	
		For >1,000, Deduct	*-4.11*	
		For 304 Stainless Steel, Add	*30.69*	
		For 316 Stainless Steel, Add	*34.46*	
		For Aluminum, Add	*1.94*	
		For Galvanized Steel, Add	*6.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0237	LF	C5 x 6.7 - 5" Wide Channel	23.12	9.87
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-1.81*	
		For >500 To 1,000, Deduct	*-2.72*	
		For >1,000, Deduct	*-3.63*	
		For 304 Stainless Steel, Add	*28.36*	
		For 316 Stainless Steel, Add	*31.84*	
		For Aluminum, Add	*1.79*	
		For Galvanized Steel, Add	*6.17*	
05 12 23 00-0238	LF	C5 x 9 - 5" Wide Channel	31.06	13.27
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.44*	
		For >500 To 1,000, Deduct	*-3.66*	
		For >1,000, Deduct	*-4.88*	
		For 304 Stainless Steel, Add	*38.10*	
		For 316 Stainless Steel, Add	*42.78*	
		For Aluminum, Add	*2.41*	
		For Galvanized Steel, Add	*8.29*	
05 12 23 00-0239	LF	C6 x 8.2 - 6" Wide Channel	27.99	11.86
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-2.19*	
		For >500 To 1,000, Deduct	*-3.29*	
		For >1,000, Deduct	*-4.38*	
		For 304 Stainless Steel, Add	*34.71*	
		For 316 Stainless Steel, Add	*38.98*	
		For Aluminum, Add	*2.19*	
		For Galvanized Steel, Add	*7.55*	
05 12 23 00-0240	LF	C6 x 10.5 - 6" Wide Channel	35.84	15.19
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.80*	
		For >500 To 1,000, Deduct	*-4.21*	
		For >1,000, Deduct	*-5.61*	
		For 304 Stainless Steel, Add	*44.46*	
		For 316 Stainless Steel, Add	*49.92*	
		For Aluminum, Add	*2.81*	
		For Galvanized Steel, Add	*9.67*	
05 12 23 00-0241	LF	C6 x 13 - 6" Wide Channel	44.39	18.80
		For >100 To 250, Deduct	*-2.36*	
		For >250 To 500, Deduct	*-3.47*	
		For >500 To 1,000, Deduct	*-5.21*	
		For >1,000, Deduct	*-6.95*	
		For 304 Stainless Steel, Add	*55.06*	
		For 316 Stainless Steel, Add	*61.82*	
		For Aluminum, Add	*3.48*	
		For Galvanized Steel, Add	*11.98*	
05 12 23 00-0242	LF	C7 x 9.8 - 7" Wide Channel	33.38	14.12
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.61*	
		For >500 To 1,000, Deduct	*-3.92*	
		For >1,000, Deduct	*-5.22*	
		For 304 Stainless Steel, Add	*41.50*	
		For 316 Stainless Steel, Add	*46.59*	
		For Aluminum, Add	*2.62*	
		For Galvanized Steel, Add	*9.03*	
05 12 23 00-0243	LF	C7 x 12.25 - 7" Wide Channel	41.73	17.64
		For >100 To 250, Deduct	*-2.22*	
		For >250 To 500, Deduct	*-3.26*	
		For >500 To 1,000, Deduct	*-4.89*	
		For >1,000, Deduct	*-6.53*	
		For 304 Stainless Steel, Add	*51.87*	
		For 316 Stainless Steel, Add	*58.24*	
		For Aluminum, Add	*3.28*	
		For Galvanized Steel, Add	*11.28*	
05 12 23 00-0244	LF	C7 x 14.75 - 7" Wide Channel	50.25	21.25
		For >100 To 250, Deduct	*-2.67*	
		For >250 To 500, Deduct	*-3.93*	
		For >500 To 1,000, Deduct	*-5.89*	
		For >1,000, Deduct	*-7.86*	
		For 304 Stainless Steel, Add	*62.47*	
		For 316 Stainless Steel, Add	*70.14*	
		For Aluminum, Add	*3.95*	
		For Galvanized Steel, Add	*13.59*	
05 12 23 00-0245	LF	C8 x 11.5 - 8" Wide Channel	37.80	15.53
		For >100 To 250, Deduct	*-1.98*	
		For >250 To 500, Deduct	*-2.93*	
		For >500 To 1,000, Deduct	*-4.39*	
		For >1,000, Deduct	*-5.85*	
		For 304 Stainless Steel, Add	*48.71*	
		For 316 Stainless Steel, Add	*54.69*	
		For Aluminum, Add	*3.08*	
		For Galvanized Steel, Add	*10.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0246	LF	C8 x 13.75 - 8" Wide Channel	45.19	18.57
		For >100 To 250, Deduct	*-2.37*	
		For >250 To 500, Deduct	*-3.50*	
		For >500 To 1,000, Deduct	*-5.25*	
		For >1,000, Deduct	*-7.00*	
		For 304 Stainless Steel, Add	*58.23*	
		For 316 Stainless Steel, Add	*65.38*	
		For Aluminum, Add	*3.68*	
		For Galvanized Steel, Add	*12.67*	
05 12 23 00-0247	LF	C8 x 18.75 - 8" Wide Channel	61.62	25.32
		For >100 To 250, Deduct	*-3.23*	
		For >250 To 500, Deduct	*-4.77*	
		For >500 To 1,000, Deduct	*-7.15*	
		For >1,000, Deduct	*-9.54*	
		For 304 Stainless Steel, Add	*79.40*	
		For 316 Stainless Steel, Add	*89.15*	
		For Aluminum, Add	*5.01*	
		For Galvanized Steel, Add	*17.27*	
05 12 23 00-0248	LF	C9 x 13.4 - 9" Wide Channel	44.04	18.10
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-3.41*	
		For >500 To 1,000, Deduct	*-5.11*	
		For >1,000, Deduct	*-6.82*	
		For 304 Stainless Steel, Add	*56.74*	
		For 316 Stainless Steel, Add	*63.71*	
		For Aluminum, Add	*3.58*	
		For Galvanized Steel, Add	*12.34*	
05 12 23 00-0249	LF	C9 x 15 - 9" Wide Channel	49.29	20.25
		For >100 To 250, Deduct	*-2.58*	
		For >250 To 500, Deduct	*-3.81*	
		For >500 To 1,000, Deduct	*-5.72*	
		For >1,000, Deduct	*-7.63*	
		For 304 Stainless Steel, Add	*63.53*	
		For 316 Stainless Steel, Add	*71.33*	
		For Aluminum, Add	*4.01*	
		For Galvanized Steel, Add	*13.82*	
05 12 23 00-0250	LF	C9 x 20 - 9" Wide Channel	65.74	27.00
		For >100 To 250, Deduct	*-3.44*	
		For >250 To 500, Deduct	*-5.09*	
		For >500 To 1,000, Deduct	*-7.63*	
		For >1,000, Deduct	*-10.18*	
		For 304 Stainless Steel, Add	*84.70*	
		For 316 Stainless Steel, Add	*95.10*	
		For Aluminum, Add	*5.35*	
		For Galvanized Steel, Add	*18.43*	
05 12 23 00-0251	LF	C10 x 15.3 - 10" Wide Channel	50.28	20.65
		For >100 To 250, Deduct	*-2.63*	
		For >250 To 500, Deduct	*-3.89*	
		For >500 To 1,000, Deduct	*-5.84*	
		For >1,000, Deduct	*-7.78*	
		For 304 Stainless Steel, Add	*64.78*	
		For 316 Stainless Steel, Add	*72.74*	
		For Aluminum, Add	*4.09*	
		For Galvanized Steel, Add	*14.09*	
05 12 23 00-0252	LF	C10 x 20 - 10" Wide Channel	65.74	27.00
		For >100 To 250, Deduct	*-3.44*	
		For >250 To 500, Deduct	*-5.09*	
		For >500 To 1,000, Deduct	*-7.63*	
		For >1,000, Deduct	*-10.18*	
		For 304 Stainless Steel, Add	*84.70*	
		For 316 Stainless Steel, Add	*95.10*	
		For Aluminum, Add	*5.35*	
		For Galvanized Steel, Add	*18.43*	
05 12 23 00-0253	LF	C10 x 25 - 10" Wide Channel	82.16	33.76
		For >100 To 250, Deduct	*-4.31*	
		For >250 To 500, Deduct	*-6.36*	
		For >500 To 1,000, Deduct	*-9.54*	
		For >1,000, Deduct	*-12.72*	
		For 304 Stainless Steel, Add	*105.85*	
		For 316 Stainless Steel, Add	*118.85*	
		For Aluminum, Add	*6.69*	
		For Galvanized Steel, Add	*23.03*	
05 12 23 00-0254	LF	C10 x 30 - 10" Wide Channel	98.59	40.51
		For >100 To 250, Deduct	*-5.17*	
		For >250 To 500, Deduct	*-7.63*	
		For >500 To 1,000, Deduct	*-11.45*	
		For >1,000, Deduct	*-15.26*	
		For 304 Stainless Steel, Add	*127.02*	
		For 316 Stainless Steel, Add	*142.62*	
		For Aluminum, Add	*8.02*	
		For Galvanized Steel, Add	*27.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0255	LF	C12 x 20.7 - 12" Wide Channel	68.03	27.96
		For >100 To 250, Deduct	*-3.56*	
		For >250 To 500, Deduct	*-5.27*	
		For >500 To 1,000, Deduct	*-7.90*	
		For >1,000, Deduct	*-10.53*	
		For 304 Stainless Steel, Add	*87.67*	
		For 316 Stainless Steel, Add	*98.43*	
		For Aluminum, Add	*5.54*	
		For Galvanized Steel, Add	*19.07*	
05 12 23 00-0256	LF	C12 x 25 - 12" Wide Channel	82.16	33.76
		For >100 To 250, Deduct	*-4.31*	
		For >250 To 500, Deduct	*-6.36*	
		For >500 To 1,000, Deduct	*-9.54*	
		For >1,000, Deduct	*-12.72*	
		For 304 Stainless Steel, Add	*105.85*	
		For 316 Stainless Steel, Add	*118.85*	
		For Aluminum, Add	*6.69*	
		For Galvanized Steel, Add	*23.03*	
05 12 23 00-0257	LF	C12 x 30 - 12" Wide Channel	98.59	40.51
		For >100 To 250, Deduct	*-5.17*	
		For >250 To 500, Deduct	*-7.63*	
		For >500 To 1,000, Deduct	*-11.45*	
		For >1,000, Deduct	*-15.26*	
		For 304 Stainless Steel, Add	*127.02*	
		For 316 Stainless Steel, Add	*142.62*	
		For Aluminum, Add	*8.02*	
		For Galvanized Steel, Add	*27.63*	
05 12 23 00-0258	LF	C15 x 33.9 - 15" Wide Channel	111.41	45.78
		For >100 To 250, Deduct	*-5.84*	
		For >250 To 500, Deduct	*-8.62*	
		For >500 To 1,000, Deduct	*-12.93*	
		For >1,000, Deduct	*-17.25*	
		For 304 Stainless Steel, Add	*143.55*	
		For 316 Stainless Steel, Add	*161.18*	
		For Aluminum, Add	*9.07*	
		For Galvanized Steel, Add	*31.23*	
05 12 23 00-0259	LF	C15 x 40 - 15" Wide Channel	131.45	54.02
		For >100 To 250, Deduct	*-6.89*	
		For >250 To 500, Deduct	*-10.17*	
		For >500 To 1,000, Deduct	*-15.26*	
		For >1,000, Deduct	*-20.35*	
		For 304 Stainless Steel, Add	*169.38*	
		For 316 Stainless Steel, Add	*190.18*	
		For Aluminum, Add	*10.70*	
		For Galvanized Steel, Add	*36.85*	
05 12 23 00-0260	LF	C15 x 50 - 15" Wide Channel	164.32	67.51
		For >100 To 250, Deduct	*-8.61*	
		For >250 To 500, Deduct	*-12.72*	
		For >500 To 1,000, Deduct	*-19.08*	
		For >1,000, Deduct	*-25.44*	
		For 304 Stainless Steel, Add	*211.73*	
		For 316 Stainless Steel, Add	*237.73*	
		For Aluminum, Add	*13.37*	
		For Galvanized Steel, Add	*46.06*	

05 12 23 00-0261 Miscellaneous Channels - MC *(05 12 23 00-0105)*

05 12 23 00-0262	LF	MC6 x 12 - 6" Wide Channel	40.97	17.35
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-3.21*	
		For >500 To 1,000, Deduct	*-4.81*	
		For >1,000, Deduct	*-6.41*	
		For 304 Stainless Steel, Add	*50.82*	
		For 316 Stainless Steel, Add	*57.06*	
		For Aluminum, Add	*3.21*	
		For Galvanized Steel, Add	*11.05*	
05 12 23 00-0263	LF	MC6 x 15.1 - 6" Wide Channel	51.56	21.84
		For >100 To 250, Deduct	*-2.75*	
		For >250 To 500, Deduct	*-4.03*	
		For >500 To 1,000, Deduct	*-6.05*	
		For >1,000, Deduct	*-8.07*	
		For 304 Stainless Steel, Add	*63.95*	
		For 316 Stainless Steel, Add	*71.81*	
		For Aluminum, Add	*4.04*	
		For Galvanized Steel, Add	*13.91*	
05 12 23 00-0264	LF	MC6 x 15.3 - 6" Wide Channel	52.23	22.12
		For >100 To 250, Deduct	*-2.78*	
		For >250 To 500, Deduct	*-4.09*	
		For >500 To 1,000, Deduct	*-6.13*	
		For >1,000, Deduct	*-8.17*	
		For 304 Stainless Steel, Add	*64.78*	
		For 316 Stainless Steel, Add	*72.74*	
		For Aluminum, Add	*4.09*	
		For Galvanized Steel, Add	*14.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0265	LF	MC6 x 16.3 - 6" Wide Channel	55.65	23.57
		For >100 To 250, Deduct	*-2.96*	
		For >250 To 500, Deduct	*-4.35*	
		For >500 To 1,000, Deduct	*-6.53*	
		For >1,000, Deduct	*-8.71*	
		For 304 Stainless Steel, Add	*69.03*	
		For 316 Stainless Steel, Add	*77.50*	
		For Aluminum, Add	*4.36*	
		For Galvanized Steel, Add	*15.02*	
05 12 23 00-0266	LF	MC6 x 18 - 6" Wide Channel	61.45	26.03
		For >100 To 250, Deduct	*-3.27*	
		For >250 To 500, Deduct	*-4.81*	
		For >500 To 1,000, Deduct	*-7.21*	
		For >1,000, Deduct	*-9.62*	
		For 304 Stainless Steel, Add	*76.21*	
		For 316 Stainless Steel, Add	*85.57*	
		For Aluminum, Add	*4.81*	
		For Galvanized Steel, Add	*16.58*	
05 12 23 00-0267	LF	MC7 x 17.6 - 7" Wide Channel	59.96	25.36
		For >100 To 250, Deduct	*-3.19*	
		For >250 To 500, Deduct	*-4.69*	
		For >500 To 1,000, Deduct	*-7.03*	
		For >1,000, Deduct	*-9.38*	
		For 304 Stainless Steel, Add	*74.53*	
		For 316 Stainless Steel, Add	*83.68*	
		For Aluminum, Add	*4.71*	
		For Galvanized Steel, Add	*16.21*	
05 12 23 00-0268	LF	MC7 x 19.1 - 7" Wide Channel	65.08	27.52
		For >100 To 250, Deduct	*-3.46*	
		For >250 To 500, Deduct	*-5.09*	
		For >500 To 1,000, Deduct	*-7.63*	
		For >1,000, Deduct	*-10.18*	
		For 304 Stainless Steel, Add	*80.88*	
		For 316 Stainless Steel, Add	*90.82*	
		For Aluminum, Add	*5.11*	
		For Galvanized Steel, Add	*17.60*	
05 12 23 00-0269	LF	MC7 x 22.7 - 7" Wide Channel	77.34	32.70
		For >100 To 250, Deduct	*-4.11*	
		For >250 To 500, Deduct	*-6.05*	
		For >500 To 1,000, Deduct	*-9.07*	
		For >1,000, Deduct	*-12.10*	
		For 304 Stainless Steel, Add	*96.13*	
		For 316 Stainless Steel, Add	*107.94*	
		For Aluminum, Add	*6.07*	
		For Galvanized Steel, Add	*20.91*	
05 12 23 00-0270	LF	MC8 x 8.5 - 8" Wide Channel	27.94	11.48
		For >100 To 250, Deduct	*-1.46*	
		For >250 To 500, Deduct	*-2.16*	
		For >500 To 1,000, Deduct	*-3.24*	
		For >1,000, Deduct	*-4.33*	
		For 304 Stainless Steel, Add	*36.00*	
		For 316 Stainless Steel, Add	*40.42*	
		For Aluminum, Add	*2.27*	
		For Galvanized Steel, Add	*7.83*	
05 12 23 00-0271	LF	MC8 x 18.7 - 8" Wide Channel	61.45	25.25
		For >100 To 250, Deduct	*-3.22*	
		For >250 To 500, Deduct	*-4.76*	
		For >500 To 1,000, Deduct	*-7.13*	
		For >1,000, Deduct	*-9.51*	
		For 304 Stainless Steel, Add	*79.17*	
		For 316 Stainless Steel, Add	*88.90*	
		For Aluminum, Add	*5.00*	
		For Galvanized Steel, Add	*17.22*	
05 12 23 00-0272	LF	MC8 x 20 - 8" Wide Channel	65.74	27.00
		For >100 To 250, Deduct	*-3.44*	
		For >250 To 500, Deduct	*-5.09*	
		For >500 To 1,000, Deduct	*-7.63*	
		For >1,000, Deduct	*-10.18*	
		For 304 Stainless Steel, Add	*84.70*	
		For 316 Stainless Steel, Add	*95.10*	
		For Aluminum, Add	*5.35*	
		For Galvanized Steel, Add	*18.43*	
05 12 23 00-0273	LF	MC8 x 21.4 - 8" Wide Channel	70.34	28.91
		For >100 To 250, Deduct	*-3.69*	
		For >250 To 500, Deduct	*-5.44*	
		For >500 To 1,000, Deduct	*-8.17*	
		For >1,000, Deduct	*-10.89*	
		For 304 Stainless Steel, Add	*90.63*	
		For 316 Stainless Steel, Add	*101.76*	
		For Aluminum, Add	*5.72*	
		For Galvanized Steel, Add	*19.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0274	LF	MC8 x 22.8 - 8" Wide Channel	74.93	30.80
		For >100 To 250, Deduct	*-3.93*	
		For >250 To 500, Deduct	*-5.80*	
		For >500 To 1,000, Deduct	*-8.70*	
		For >1,000, Deduct	*-11.60*	
		For 304 Stainless Steel, Add	*96.56*	
		For 316 Stainless Steel, Add	*108.42*	
		For Aluminum, Add	*6.10*	
		For Galvanized Steel, Add	*21.01*	
05 12 23 00-0275	LF	MC9 x 23.9 - 9" Wide Channel	78.55	32.28
		For >100 To 250, Deduct	*-4.12*	
		For >250 To 500, Deduct	*-6.08*	
		For >500 To 1,000, Deduct	*-9.12*	
		For >1,000, Deduct	*-12.16*	
		For 304 Stainless Steel, Add	*101.20*	
		For 316 Stainless Steel, Add	*113.63*	
		For Aluminum, Add	*6.39*	
		For Galvanized Steel, Add	*22.02*	
05 12 23 00-0276	LF	MC9 x 25.4 - 9" Wide Channel	83.47	34.30
		For >100 To 250, Deduct	*-4.37*	
		For >250 To 500, Deduct	*-6.46*	
		For >500 To 1,000, Deduct	*-9.69*	
		For >1,000, Deduct	*-12.92*	
		For 304 Stainless Steel, Add	*107.56*	
		For 316 Stainless Steel, Add	*120.77*	
		For Aluminum, Add	*6.79*	
		For Galvanized Steel, Add	*23.40*	
05 12 23 00-0277	LF	MC10 x 6.5 - 10" Wide Channel	21.37	8.78
		For >100 To 250, Deduct	*-1.12*	
		For >250 To 500, Deduct	*-1.65*	
		For >500 To 1,000, Deduct	*-2.48*	
		For >1,000, Deduct	*-3.31*	
		For 304 Stainless Steel, Add	*27.53*	
		For 316 Stainless Steel, Add	*30.91*	
		For Aluminum, Add	*1.74*	
		For Galvanized Steel, Add	*5.99*	
05 12 23 00-0278	LF	MC10 x 8.4 - 10" Wide Channel	27.61	11.34
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-2.14*	
		For >500 To 1,000, Deduct	*-3.21*	
		For >1,000, Deduct	*-4.27*	
		For 304 Stainless Steel, Add	*35.57*	
		For 316 Stainless Steel, Add	*39.94*	
		For Aluminum, Add	*2.25*	
		For Galvanized Steel, Add	*7.74*	
05 12 23 00-0279	LF	MC10 x 21.9 - 10" Wide Channel	71.97	29.58
		For >100 To 250, Deduct	*-3.77*	
		For >250 To 500, Deduct	*-5.57*	
		For >500 To 1,000, Deduct	*-8.36*	
		For >1,000, Deduct	*-11.14*	
		For 304 Stainless Steel, Add	*92.74*	
		For 316 Stainless Steel, Add	*104.13*	
		For Aluminum, Add	*5.86*	
		For Galvanized Steel, Add	*20.17*	
05 12 23 00-0280	LF	MC10 x 24.9 - 10" Wide Channel	81.84	33.64
		For >100 To 250, Deduct	*-4.29*	
		For >250 To 500, Deduct	*-6.33*	
		For >500 To 1,000, Deduct	*-9.50*	
		For >1,000, Deduct	*-12.67*	
		For 304 Stainless Steel, Add	*105.45*	
		For 316 Stainless Steel, Add	*118.40*	
		For Aluminum, Add	*6.66*	
		For Galvanized Steel, Add	*22.94*	
05 12 23 00-0281	LF	MC10 x 25.3 - 10" Wide Channel	83.14	34.17
		For >100 To 250, Deduct	*-4.36*	
		For >250 To 500, Deduct	*-6.43*	
		For >500 To 1,000, Deduct	*-9.65*	
		For >1,000, Deduct	*-12.87*	
		For 304 Stainless Steel, Add	*107.13*	
		For 316 Stainless Steel, Add	*120.29*	
		For Aluminum, Add	*6.77*	
		For Galvanized Steel, Add	*23.31*	
05 12 23 00-0282	LF	MC10 x 28.3 - 10" Wide Channel	93.02	38.21
		For >100 To 250, Deduct	*-4.87*	
		For >250 To 500, Deduct	*-7.20*	
		For >500 To 1,000, Deduct	*-10.80*	
		For >1,000, Deduct	*-14.40*	
		For 304 Stainless Steel, Add	*119.84*	
		For 316 Stainless Steel, Add	*134.56*	
		For Aluminum, Add	*7.57*	
		For Galvanized Steel, Add	*26.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0283	LF	MC10 x 28.5 - 10" Wide Channel	93.66	38.49
		For >100 To 250, Deduct	*-4.91*	
		For >250 To 500, Deduct	*-7.25*	
		For >500 To 1,000, Deduct	*-10.87*	
		For >1,000, Deduct	*-14.50*	
		For 304 Stainless Steel, Add	*120.67*	
		For 316 Stainless Steel, Add	*135.49*	
		For Aluminum, Add	*7.62*	
		For Galvanized Steel, Add	*26.25*	
05 12 23 00-0284	LF	MC10 x 33.6 - 10" Wide Channel	110.42	45.38
		For >100 To 250, Deduct	*-5.79*	
		For >250 To 500, Deduct	*-8.55*	
		For >500 To 1,000, Deduct	*-12.82*	
		For >1,000, Deduct	*-17.09*	
		For 304 Stainless Steel, Add	*142.27*	
		For 316 Stainless Steel, Add	*159.74*	
		For Aluminum, Add	*8.99*	
		For Galvanized Steel, Add	*30.95*	
05 12 23 00-0285	LF	MC10 x 41.1 - 10" Wide Channel	135.07	55.51
		For >100 To 250, Deduct	*-7.08*	
		For >250 To 500, Deduct	*-10.45*	
		For >500 To 1,000, Deduct	*-15.68*	
		For >1,000, Deduct	*-20.91*	
		For 304 Stainless Steel, Add	*174.05*	
		For 316 Stainless Steel, Add	*195.42*	
		For Aluminum, Add	*10.99*	
		For Galvanized Steel, Add	*37.86*	
05 12 23 00-0286	LF	MC12 x 30.9 - 12" Wide Channel	101.56	41.73
		For >100 To 250, Deduct	*-5.32*	
		For >250 To 500, Deduct	*-7.86*	
		For >500 To 1,000, Deduct	*-11.79*	
		For >1,000, Deduct	*-15.72*	
		For 304 Stainless Steel, Add	*130.84*	
		For 316 Stainless Steel, Add	*146.91*	
		For Aluminum, Add	*8.26*	
		For Galvanized Steel, Add	*28.46*	
05 12 23 00-0287	LF	MC12 x 32.9 - 12" Wide Channel	108.13	44.42
		For >100 To 250, Deduct	*-5.67*	
		For >250 To 500, Deduct	*-8.37*	
		For >500 To 1,000, Deduct	*-12.55*	
		For >1,000, Deduct	*-16.74*	
		For 304 Stainless Steel, Add	*139.31*	
		For 316 Stainless Steel, Add	*156.42*	
		For Aluminum, Add	*8.80*	
		For Galvanized Steel, Add	*30.31*	
05 12 23 00-0288	LF	MC12 x 35 - 12" Wide Channel	115.02	47.26
		For >100 To 250, Deduct	*-6.03*	
		For >250 To 500, Deduct	*-8.90*	
		For >500 To 1,000, Deduct	*-13.35*	
		For >1,000, Deduct	*-17.80*	
		For 304 Stainless Steel, Add	*148.20*	
		For 316 Stainless Steel, Add	*166.40*	
		For Aluminum, Add	*9.36*	
		For Galvanized Steel, Add	*32.24*	
05 12 23 00-0289	LF	MC12 x 37 - 12" Wide Channel	121.60	49.97
		For >100 To 250, Deduct	*-6.37*	
		For >250 To 500, Deduct	*-9.41*	
		For >500 To 1,000, Deduct	*-14.12*	
		For >1,000, Deduct	*-18.82*	
		For 304 Stainless Steel, Add	*156.66*	
		For 316 Stainless Steel, Add	*175.90*	
		For Aluminum, Add	*9.89*	
		For Galvanized Steel, Add	*34.08*	
05 12 23 00-0290	LF	MC12 x 40 - 12" Wide Channel	131.45	54.02
		For >100 To 250, Deduct	*-6.89*	
		For >250 To 500, Deduct	*-10.17*	
		For >500 To 1,000, Deduct	*-15.26*	
		For >1,000, Deduct	*-20.35*	
		For 304 Stainless Steel, Add	*169.38*	
		For 316 Stainless Steel, Add	*190.18*	
		For Aluminum, Add	*10.70*	
		For Galvanized Steel, Add	*36.85*	
05 12 23 00-0291	LF	MC12 x 45 - 12" Wide Channel	147.89	60.78
		For >100 To 250, Deduct	*-7.75*	
		For >250 To 500, Deduct	*-11.45*	
		For >500 To 1,000, Deduct	*-17.17*	
		For >1,000, Deduct	*-22.89*	
		For 304 Stainless Steel, Add	*190.55*	
		For 316 Stainless Steel, Add	*213.95*	
		For Aluminum, Add	*12.03*	
		For Galvanized Steel, Add	*41.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0292	LF	MC12 x 50 - 12" Wide Channel	164.32	67.53
		For >100 To 250, Deduct	*-8.61*	
		For >250 To 500, Deduct	*-12.72*	
		For >500 To 1,000, Deduct	*-19.08*	
		For >1,000, Deduct	*-25.44*	
		For 304 Stainless Steel, Add	*211.73*	
		For 316 Stainless Steel, Add	*237.73*	
		For Aluminum, Add	*13.37*	
		For Galvanized Steel, Add	*46.06*	
05 12 23 00-0293	LF	MC13 x 31.8 - 13" Wide Channel	104.52	42.95
		For >100 To 250, Deduct	*-5.48*	
		For >250 To 500, Deduct	*-8.09*	
		For >500 To 1,000, Deduct	*-12.13*	
		For >1,000, Deduct	*-16.18*	
		For 304 Stainless Steel, Add	*134.66*	
		For 316 Stainless Steel, Add	*151.20*	
		For Aluminum, Add	*8.51*	
		For Galvanized Steel, Add	*29.30*	
05 12 23 00-0294	LF	MC13 x 35 - 13" Wide Channel	115.02	47.26
		For >100 To 250, Deduct	*-6.03*	
		For >250 To 500, Deduct	*-8.90*	
		For >500 To 1,000, Deduct	*-13.35*	
		For >1,000, Deduct	*-17.80*	
		For 304 Stainless Steel, Add	*148.20*	
		For 316 Stainless Steel, Add	*166.40*	
		For Aluminum, Add	*9.36*	
		For Galvanized Steel, Add	*32.24*	
05 12 23 00-0295	LF	MC13 x 40 - 13" Wide Channel	131.45	54.02
		For >100 To 250, Deduct	*-6.89*	
		For >250 To 500, Deduct	*-10.17*	
		For >500 To 1,000, Deduct	*-15.26*	
		For >1,000, Deduct	*-20.35*	
		For 304 Stainless Steel, Add	*169.38*	
		For 316 Stainless Steel, Add	*190.18*	
		For Aluminum, Add	*10.70*	
		For Galvanized Steel, Add	*36.85*	
05 12 23 00-0296	LF	MC13 x 50 - 13" Wide Channel	164.32	67.53
		For >100 To 250, Deduct	*-8.61*	
		For >250 To 500, Deduct	*-12.72*	
		For >500 To 1,000, Deduct	*-19.08*	
		For >1,000, Deduct	*-25.44*	
		For 304 Stainless Steel, Add	*211.73*	
		For 316 Stainless Steel, Add	*237.73*	
		For Aluminum, Add	*13.37*	
		For Galvanized Steel, Add	*46.06*	
05 12 23 00-0297	LF	MC18 x 42.7 - 18" Wide Channel	140.33	57.66
		For >100 To 250, Deduct	*-7.35*	
		For >250 To 500, Deduct	*-10.86*	
		For >500 To 1,000, Deduct	*-16.29*	
		For >1,000, Deduct	*-21.72*	
		For 304 Stainless Steel, Add	*180.80*	
		For 316 Stainless Steel, Add	*203.01*	
		For Aluminum, Add	*11.42*	
		For Galvanized Steel, Add	*39.33*	
05 12 23 00-0298	LF	MC18 x 45.8 - 18" Wide Channel	150.51	61.86
		For >100 To 250, Deduct	*-7.89*	
		For >250 To 500, Deduct	*-11.65*	
		For >500 To 1,000, Deduct	*-17.47*	
		For >1,000, Deduct	*-23.30*	
		For 304 Stainless Steel, Add	*193.94*	
		For 316 Stainless Steel, Add	*217.76*	
		For Aluminum, Add	*12.25*	
		For Galvanized Steel, Add	*42.19*	
05 12 23 00-0299	LF	MC18 x 51.9 - 18" Wide Channel	170.57	70.09
		For >100 To 250, Deduct	*-8.94*	
		For >250 To 500, Deduct	*-13.20*	
		For >500 To 1,000, Deduct	*-19.80*	
		For >1,000, Deduct	*-26.40*	
		For 304 Stainless Steel, Add	*219.76*	
		For 316 Stainless Steel, Add	*246.75*	
		For Aluminum, Add	*13.88*	
		For Galvanized Steel, Add	*47.81*	
05 12 23 00-0300	LF	MC18 x 58 - 18" Wide Channel	190.62	78.32
		For >100 To 250, Deduct	*-9.99*	
		For >250 To 500, Deduct	*-14.75*	
		For >500 To 1,000, Deduct	*-22.13*	
		For >1,000, Deduct	*-29.51*	
		For 304 Stainless Steel, Add	*245.61*	
		For 316 Stainless Steel, Add	*275.78*	
		For Aluminum, Add	*15.51*	
		For Galvanized Steel, Add	*53.43*	

05 12 23 00-0301 Structural Bar Tees *(05 12 23 00-0105)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0302	LF	3/4" x 3/4" x 1/8" Structural Bar Tee	5.99	3.59
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.54*	
		For >500 To 1,000, Deduct	*-0.81*	
		For >1,000, Deduct	*-1.08*	
		For 304 Stainless Steel, Add	*3.42*	
		For 316 Stainless Steel, Add	*3.84*	
		For Aluminum, Add	*0.22*	
		For Galvanized Steel, Add	*0.74*	
05 12 23 00-0303	LF	1" x 1" x 1/8" Structural Bar Tee	7.30	4.24
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.65*	
		For >500 To 1,000, Deduct	*-0.97*	
		For >1,000, Deduct	*-1.30*	
		For 304 Stainless Steel, Add	*4.70*	
		For 316 Stainless Steel, Add	*5.28*	
		For Aluminum, Add	*0.30*	
		For Galvanized Steel, Add	*1.02*	
05 12 23 00-0304	LF	1-1/2" x 1-1/2" x 1/4" Structural Bar Tee	11.23	4.89
		For >100 To 250, Deduct	*-0.61*	
		For >250 To 500, Deduct	*-0.89*	
		For >500 To 1,000, Deduct	*-1.33*	
		For >1,000, Deduct	*-1.78*	
		For 304 Stainless Steel, Add	*13.42*	
		For 316 Stainless Steel, Add	*15.07*	
		For Aluminum, Add	*0.85*	
		For Galvanized Steel, Add	*2.92*	
05 12 23 00-0305	LF	2" x 2" x 1/4" Structural Bar Tee	15.55	6.40
		For >100 To 250, Deduct	*-0.82*	
		For >250 To 500, Deduct	*-1.20*	
		For >500 To 1,000, Deduct	*-1.81*	
		For >1,000, Deduct	*-2.41*	
		For 304 Stainless Steel, Add	*20.01*	
		For 316 Stainless Steel, Add	*22.46*	
		For Aluminum, Add	*1.26*	
		For Galvanized Steel, Add	*4.35*	
05 12 23 00-0306	LF	2-1/2" x 2-1/2" x 3/8" Structural Bar Tee	22.90	7.72
		For >100 To 250, Deduct	*-1.09*	
		For >250 To 500, Deduct	*-1.66*	
		For >500 To 1,000, Deduct	*-2.49*	
		For >1,000, Deduct	*-3.32*	
		For 304 Stainless Steel, Add	*35.91*	
		For 316 Stainless Steel, Add	*40.32*	
		For Aluminum, Add	*2.27*	
		For Galvanized Steel, Add	*7.81*	
05 12 23 00-0307	LF	3" x 3" x 3/8" Structural Bar Tee	28.29	9.88
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-2.07*	
		For >500 To 1,000, Deduct	*-3.11*	
		For >1,000, Deduct	*-4.15*	
		For 304 Stainless Steel, Add	*43.09*	
		For 316 Stainless Steel, Add	*48.38*	
		For Aluminum, Add	*2.72*	
		For Galvanized Steel, Add	*9.37*	
05 12 23 00-0308		**Structural Zees** *(05 12 23 00-0105)*		
05 12 23 00-0309	LF	1-1/4" x 1-3/4" x 1-3/4" x 3/16" Structural Zee	13.54	4.89
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.00*	
		For >500 To 1,000, Deduct	*-1.50*	
		For >1,000, Deduct	*-2.01*	
		For 304 Stainless Steel, Add	*20.01*	
		For 316 Stainless Steel, Add	*22.46*	
		For Aluminum, Add	*1.26*	
		For Galvanized Steel, Add	*4.35*	
05 12 23 00-0310	LF	2-11/16" x 3" x 2-11/16" x 1/4" Structural Zee	24.59	5.84
		For >100 To 250, Deduct	*-1.00*	
		For >250 To 500, Deduct	*-1.62*	
		For >500 To 1,000, Deduct	*-2.43*	
		For >1,000, Deduct	*-3.24*	
		For 304 Stainless Steel, Add	*47.91*	
		For 316 Stainless Steel, Add	*53.79*	
		For Aluminum, Add	*3.03*	
		For Galvanized Steel, Add	*10.42*	
05 12 23 00-0311	LF	3-1/16" x 4" x 3-1/16" x 1/4" Structural Zee	29.36	6.59
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.91*	
		For >500 To 1,000, Deduct	*-2.86*	
		For >1,000, Deduct	*-3.82*	
		For 304 Stainless Steel, Add	*58.62*	
		For 316 Stainless Steel, Add	*65.82*	
		For Aluminum, Add	*3.70*	
		For Galvanized Steel, Add	*12.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0312	LF	3-1/4" x 5" x 3-1/4" x 5/16" Structural Zee	39.13	7.53
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-2.46*	
		For >500 To 1,000, Deduct	*-3.69*	
		For >1,000, Deduct	*-4.92*	
		For 304 Stainless Steel, Add	*82.94*	
		For 316 Stainless Steel, Add	*93.12*	
		For Aluminum, Add	*5.24*	
		For Galvanized Steel, Add	*18.04*	
05 12 23 00-0313	LF	3-1/2" x 6" x 3-1/2" x 3/8" Structural Zee	50.30	8.19
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-3.06*	
		For >500 To 1,000, Deduct	*-4.59*	
		For >1,000, Deduct	*-6.12*	
		For 304 Stainless Steel, Add	*112.23*	
		For 316 Stainless Steel, Add	*126.02*	
		For Aluminum, Add	*7.09*	
		For Galvanized Steel, Add	*24.42*	

05 12 23 00-0314 Junior I-Beams *(05 12 23 00-0105)*

05 12 23 00-0315	LF	3" Junior I-Beam, 2.9 Lb./LF	18.67	7.06
		For >100 To 250, Deduct	*-0.94*	
		For >250 To 500, Deduct	*-1.40*	
		For >500 To 1,000, Deduct	*-2.11*	
		For >1,000, Deduct	*-2.81*	
		For 304 Stainless Steel, Add	*26.39*	
		For 316 Stainless Steel, Add	*29.63*	
		For Aluminum, Add	*1.67*	
		For Galvanized Steel, Add	*5.74*	
05 12 23 00-0316	LF	4" Junior I-Beam, 3.2 Lb./LF	20.52	7.72
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.54*	
		For >500 To 1,000, Deduct	*-2.31*	
		For >1,000, Deduct	*-3.08*	
		For 304 Stainless Steel, Add	*29.13*	
		For 316 Stainless Steel, Add	*32.70*	
		For Aluminum, Add	*1.84*	
		For Galvanized Steel, Add	*6.34*	
05 12 23 00-0317	LF	5" Junior I-Beam, 3.8 Lb./LF	23.42	8.47
		For >100 To 250, Deduct	*-1.15*	
		For >250 To 500, Deduct	*-1.74*	
		For >500 To 1,000, Deduct	*-2.60*	
		For >1,000, Deduct	*-3.47*	
		For 304 Stainless Steel, Add	*34.57*	
		For 316 Stainless Steel, Add	*38.82*	
		For Aluminum, Add	*2.18*	
		For Galvanized Steel, Add	*7.52*	
05 12 23 00-0318	LF	6" Junior I-Beam, 4.4 Lb./LF	26.35	9.22
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.93*	
		For >500 To 1,000, Deduct	*-2.90*	
		For >1,000, Deduct	*-3.87*	
		For 304 Stainless Steel, Add	*40.04*	
		For 316 Stainless Steel, Add	*44.96*	
		For Aluminum, Add	*2.53*	
		For Galvanized Steel, Add	*8.71*	
05 12 23 00-0319	LF	7" Junior I-Beam, 5.5 Lb./LF	30.73	9.88
		For >100 To 250, Deduct	*-1.43*	
		For >250 To 500, Deduct	*-2.20*	
		For >500 To 1,000, Deduct	*-3.29*	
		For >1,000, Deduct	*-4.39*	
		For 304 Stainless Steel, Add	*50.05*	
		For 316 Stainless Steel, Add	*56.19*	
		For Aluminum, Add	*3.16*	
		For Galvanized Steel, Add	*10.89*	
05 12 23 00-0320	LF	8" Junior I-Beam, 6.5 Lb./LF	34.80	10.54
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-2.44*	
		For >500 To 1,000, Deduct	*-3.66*	
		For >1,000, Deduct	*-4.89*	
		For 304 Stainless Steel, Add	*59.14*	
		For 316 Stainless Steel, Add	*66.40*	
		For Aluminum, Add	*3.74*	
		For Galvanized Steel, Add	*12.87*	
05 12 23 00-0321	LF	10" Junior I-Beam, 9 Lb./LF	44.79	12.05
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-3.04*	
		For >500 To 1,000, Deduct	*-4.56*	
		For >1,000, Deduct	*-6.09*	
		For 304 Stainless Steel, Add	*81.88*	
		For 316 Stainless Steel, Add	*91.94*	
		For Aluminum, Add	*5.17*	
		For Galvanized Steel, Add	*17.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0322	LF	12" Junior I-Beam, 11.8 Lb./LF	56.74	14.30
		For >100 To 250, Deduct	*-2.37*	
		For >250 To 500, Deduct	*-3.79*	
		For >500 To 1,000, Deduct	*-5.69*	
		For >1,000, Deduct	*-7.58*	
		For 304 Stainless Steel, Add	*107.36*	
		For 316 Stainless Steel, Add	*120.54*	
		For Aluminum, Add	*6.78*	
		For Galvanized Steel, Add	*23.36*	

05 12 23 00-0323 Round Stock *(05 12 23 00-0105)*

05 12 23 00-0324	LF	1/4" Carbon Steel Rounds, ASTM A108	2.47	
		For 304 Stainless Steel, Add	*3.45*	
		For 316 Stainless Steel, Add	*3.87*	
		For Aluminum, Add	*0.22*	
		For Galvanized Steel, Add	*0.75*	
05 12 23 00-0325	LF	3/8" Carbon Steel Rounds, ASTM A108	3.81	
		For 304 Stainless Steel, Add	*6.78*	
		For 316 Stainless Steel, Add	*7.62*	
		For Aluminum, Add	*0.43*	
		For Galvanized Steel, Add	*1.48*	
05 12 23 00-0326	LF	1/2" Carbon Steel Rounds, ASTM A108	5.20	
		For 304 Stainless Steel, Add	*10.35*	
		For 316 Stainless Steel, Add	*11.62*	
		For Aluminum, Add	*0.65*	
		For Galvanized Steel, Add	*2.25*	
05 12 23 00-0327	LF	5/8" Carbon Steel Rounds, ASTM A108	7.79	
		For 304 Stainless Steel, Add	*17.24*	
		For 316 Stainless Steel, Add	*19.36*	
		For Aluminum, Add	*1.09*	
		For Galvanized Steel, Add	*3.75*	
05 12 23 00-0328	LF	3/4" Carbon Steel Rounds, ASTM A108	9.28	
		For 304 Stainless Steel, Add	*20.49*	
		For 316 Stainless Steel, Add	*23.01*	
		For Aluminum, Add	*1.29*	
		For Galvanized Steel, Add	*4.46*	
05 12 23 00-0329	LF	7/8" Carbon Steel Rounds, ASTM A108	10.82	
		For 304 Stainless Steel, Add	*23.94*	
		For 316 Stainless Steel, Add	*26.88*	
		For Aluminum, Add	*1.51*	
		For Galvanized Steel, Add	*5.21*	
05 12 23 00-0330	LF	1" Carbon Steel Rounds, ASTM A108	15.66	
		For 304 Stainless Steel, Add	*36.51*	
		For 316 Stainless Steel, Add	*40.99*	
		For Aluminum, Add	*2.31*	
		For Galvanized Steel, Add	*7.94*	
05 12 23 00-0331	LF	1-1/8" Carbon Steel Rounds, ASTM A108	19.04	
		For 304 Stainless Steel, Add	*44.35*	
		For 316 Stainless Steel, Add	*49.79*	
		For Aluminum, Add	*2.80*	
		For Galvanized Steel, Add	*9.65*	
05 12 23 00-0332	LF	1-1/4" Carbon Steel Rounds, ASTM A108	22.79	
		For 304 Stainless Steel, Add	*52.18*	
		For 316 Stainless Steel, Add	*58.59*	
		For Aluminum, Add	*3.30*	
		For Galvanized Steel, Add	*11.35*	
05 12 23 00-0333	LF	1-3/8" Carbon Steel Rounds, ASTM A108	27.58	
		For 304 Stainless Steel, Add	*63.70*	
		For 316 Stainless Steel, Add	*71.52*	
		For Aluminum, Add	*4.02*	
		For Galvanized Steel, Add	*13.86*	
05 12 23 00-0334	LF	1-1/2" Carbon Steel Rounds, ASTM A108	30.78	
		For 304 Stainless Steel, Add	*69.85*	
		For 316 Stainless Steel, Add	*78.43*	
		For Aluminum, Add	*4.41*	
		For Galvanized Steel, Add	*15.20*	
05 12 23 00-0335	LF	1-5/8" Carbon Steel Rounds, ASTM A108	35.62	
		For 304 Stainless Steel, Add	*79.17*	
		For 316 Stainless Steel, Add	*88.90*	
		For Aluminum, Add	*5.00*	
		For Galvanized Steel, Add	*17.22*	
05 12 23 00-0336	LF	1-3/4" Carbon Steel Rounds, ASTM A108	42.79	
		For 304 Stainless Steel, Add	*92.14*	
		For 316 Stainless Steel, Add	*103.46*	
		For Aluminum, Add	*5.82*	
		For Galvanized Steel, Add	*20.04*	
05 12 23 00-0337	LF	1-7/8" Carbon Steel Rounds, ASTM A108	51.68	
		For 304 Stainless Steel, Add	*107.93*	
		For 316 Stainless Steel, Add	*121.18*	
		For Aluminum, Add	*6.82*	
		For Galvanized Steel, Add	*23.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0338	LF	2" Carbon Steel Rounds, ASTM A108	59.20	
		For 304 Stainless Steel, Add	*120.04*	
		For 316 Stainless Steel, Add	*134.78*	
		For Aluminum, Add	*7.58*	
		For Galvanized Steel, Add	*26.11*	
05 12 23 00-0339	LF	2-1/8" Carbon Steel Rounds, ASTM A108	69.32	
		For 304 Stainless Steel, Add	*137.09*	
		For 316 Stainless Steel, Add	*153.92*	
		For Aluminum, Add	*8.66*	
		For Galvanized Steel, Add	*29.82*	
05 12 23 00-0340	LF	2-1/4" Carbon Steel Rounds, ASTM A108	78.48	
		For 304 Stainless Steel, Add	*154.13*	
		For 316 Stainless Steel, Add	*173.06*	
		For Aluminum, Add	*9.73*	
		For Galvanized Steel, Add	*33.53*	
05 12 23 00-0341	LF	2-3/8" Carbon Steel Rounds, ASTM A108	89.91	
		For 304 Stainless Steel, Add	*176.30*	
		For 316 Stainless Steel, Add	*197.95*	
		For Aluminum, Add	*11.13*	
		For Galvanized Steel, Add	*38.35*	
05 12 23 00-0342	LF	2-1/2" Carbon Steel Rounds, ASTM A108	99.61	
		For 304 Stainless Steel, Add	*190.01*	
		For 316 Stainless Steel, Add	*213.34*	
		For Aluminum, Add	*12.00*	
		For Galvanized Steel, Add	*41.34*	
05 12 23 00-0343	LF	2-5/8" Carbon Steel Rounds, ASTM A108	121.29	
		For 304 Stainless Steel, Add	*241.37*	
		For 316 Stainless Steel, Add	*271.01*	
		For Aluminum, Add	*15.24*	
		For Galvanized Steel, Add	*52.51*	
05 12 23 00-0344	LF	2-3/4" Carbon Steel Rounds, ASTM A108	138.06	
		For 304 Stainless Steel, Add	*275.22*	
		For 316 Stainless Steel, Add	*309.02*	
		For Aluminum, Add	*17.38*	
		For Galvanized Steel, Add	*59.87*	
05 12 23 00-0345	LF	2-7/8 Carbon Steel Rounds, ASTM A108	153.99	
		For 304 Stainless Steel, Add	*306.72*	
		For 316 Stainless Steel, Add	*344.38*	
		For Aluminum, Add	*19.37*	
		For Galvanized Steel, Add	*66.72*	
05 12 23 00-0346	LF	3" Carbon Steel Rounds, ASTM A108	162.09	
		For 304 Stainless Steel, Add	*315.92*	
		For 316 Stainless Steel, Add	*354.72*	
		For Aluminum, Add	*19.95*	
		For Galvanized Steel, Add	*68.73*	
05 12 23 00-0347	LF	3-1/8" Carbon Steel Rounds, ASTM A108	169.42	
		For 304 Stainless Steel, Add	*322.91*	
		For 316 Stainless Steel, Add	*362.56*	
		For Aluminum, Add	*20.39*	
		For Galvanized Steel, Add	*70.25*	
05 12 23 00-0348	LF	3-1/4" Carbon Steel Rounds, ASTM A108	178.94	
		For 304 Stainless Steel, Add	*336.10*	
		For 316 Stainless Steel, Add	*377.38*	
		For Aluminum, Add	*21.23*	
		For Galvanized Steel, Add	*73.12*	
05 12 23 00-0349	LF	3-1/2" Carbon Steel Rounds, ASTM A108	216.74	
		For 304 Stainless Steel, Add	*426.45*	
		For 316 Stainless Steel, Add	*478.82*	
		For Aluminum, Add	*26.93*	
		For Galvanized Steel, Add	*92.77*	
05 12 23 00-0350	LF	3-5/8" Carbon Steel Rounds, ASTM A108	240.60	
		For 304 Stainless Steel, Add	*477.06*	
		For 316 Stainless Steel, Add	*535.65*	
		For Aluminum, Add	*30.13*	
		For Galvanized Steel, Add	*103.78*	
05 12 23 00-0351	LF	3-3/4" Carbon Steel Rounds, ASTM A108	258.36	
		For 304 Stainless Steel, Add	*510.32*	
		For 316 Stainless Steel, Add	*572.99*	
		For Aluminum, Add	*32.23*	
		For Galvanized Steel, Add	*111.02*	
05 12 23 00-0352	LF	4" Carbon Steel Rounds, ASTM A108	289.27	
		For 304 Stainless Steel, Add	*581.00*	
		For 316 Stainless Steel, Add	*652.35*	
		For Aluminum, Add	*36.69*	
		For Galvanized Steel, Add	*126.39*	

05 12 23 00-0353 Square Stock *(05 12 23 00-0105)*

05 12 23 00-0354	LF	3/8" Square Bar Stock	2.14	
		For 304 Stainless Steel, Add	*2.02*	
		For 316 Stainless Steel, Add	*2.27*	
		For Aluminum, Add	*0.13*	
		For Galvanized Steel, Add	*0.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0355	LF	1/2" Square Bar Stock	2.82	
		For 304 Stainless Steel, Add	*3.56*	
		For 316 Stainless Steel, Add	*4.00*	
		For Aluminum, Add	*0.23*	
		For Galvanized Steel, Add	*0.78*	
05 12 23 00-0356	LF	5/8" Square Bar Stock	3.70	
		For 304 Stainless Steel, Add	*5.59*	
		For 316 Stainless Steel, Add	*6.27*	
		For Aluminum, Add	*0.35*	
		For Galvanized Steel, Add	*1.22*	
05 12 23 00-0357	LF	3/4" Square Bar Stock	4.92	
		For 304 Stainless Steel, Add	*8.07*	
		For 316 Stainless Steel, Add	*9.06*	
		For Aluminum, Add	*0.51*	
		For Galvanized Steel, Add	*1.75*	
05 12 23 00-0358	LF	7/8" Square Bar Stock	6.37	
		For 304 Stainless Steel, Add	*11.26*	
		For 316 Stainless Steel, Add	*12.64*	
		For Aluminum, Add	*0.71*	
		For Galvanized Steel, Add	*2.45*	
05 12 23 00-0359	LF	1" Square Bar Stock	7.89	
		For 304 Stainless Steel, Add	*14.36*	
		For 316 Stainless Steel, Add	*16.13*	
		For Aluminum, Add	*0.91*	
		For Galvanized Steel, Add	*3.12*	
05 12 23 00-0360	LF	1-1/4" Square Bar Stock	12.35	
		For 304 Stainless Steel, Add	*22.43*	
		For 316 Stainless Steel, Add	*25.18*	
		For Aluminum, Add	*1.42*	
		For Galvanized Steel, Add	*4.88*	
05 12 23 00-0361	LF	1-1/2" Square Bar Stock	17.60	
		For 304 Stainless Steel, Add	*32.29*	
		For 316 Stainless Steel, Add	*36.26*	
		For Aluminum, Add	*2.04*	
		For Galvanized Steel, Add	*7.02*	
05 12 23 00-0362	LF	1-3/4" Square Bar Stock	26.22	
		For 304 Stainless Steel, Add	*44.92*	
		For 316 Stainless Steel, Add	*50.43*	
		For Aluminum, Add	*2.84*	
		For Galvanized Steel, Add	*9.77*	
05 12 23 00-0363	LF	2" Square Bar Stock	37.73	
		For 304 Stainless Steel, Add	*57.46*	
		For 316 Stainless Steel, Add	*64.51*	
		For Aluminum, Add	*3.63*	
		For Galvanized Steel, Add	*12.50*	

05 12 23 00-0364 Steel Tubing *(05 12 23 00-0105)*
Note: General purpose low-carbon steel.

05 12 23 00-0365 Square Steel Tubing *(05 12 23 00-0364)*

05 12 23 00-0366 0.06" Wall Thickness *(05 12 23 00-0365)*

05 12 23 00-0367	LF	1/2" x 1/2" x 0.06" Square Steel Tubing	2.76	0.67
		For >100 To 250, Deduct	*-0.11*	
		For >250 To 500, Deduct	*-0.18*	
		For >500 To 1,000, Deduct	*-0.28*	
		For >1,000, Deduct	*-0.37*	
		For 304 Stainless Steel, Add	*5.27*	
		For 316 Stainless Steel, Add	*5.92*	
		For Aluminum, Add	*0.33*	
		For Galvanized Steel, Add	*1.15*	
05 12 23 00-0368	LF	3/4" x 3/4" x 0.06" Square Steel Tubing	4.24	1.06
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.28*	
		For >500 To 1,000, Deduct	*-0.42*	
		For >1,000, Deduct	*-0.57*	
		For 304 Stainless Steel, Add	*8.04*	
		For 316 Stainless Steel, Add	*9.02*	
		For Aluminum, Add	*0.51*	
		For Galvanized Steel, Add	*1.75*	
05 12 23 00-0369	LF	1" x 1" x 0.06" Square Steel Tubing	5.70	1.93
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.38*	
		For >500 To 1,000, Deduct	*-0.57*	
		For >1,000, Deduct	*-0.76*	
		For 304 Stainless Steel, Add	*10.74*	
		For 316 Stainless Steel, Add	*12.06*	
		For Aluminum, Add	*0.68*	
		For Galvanized Steel, Add	*2.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0370	LF	1-1/4" x 1-1/4" x 0.06" Square Steel Tubing	7.52	1.83
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.50*	
		For >500 To 1,000, Deduct	*-0.75*	
		For >1,000, Deduct	*-1.00*	
		For 304 Stainless Steel, Add	*14.48*	
		For 316 Stainless Steel, Add	*16.26*	
		For Aluminum, Add	*0.91*	
		For Galvanized Steel, Add	*3.15*	
05 12 23 00-0371	LF	1-1/2" x 1-1/2" x 0.06" Square Steel Tubing	8.92	2.21
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.59*	
		For >500 To 1,000, Deduct	*-0.89*	
		For >1,000, Deduct	*-1.19*	
		For 304 Stainless Steel, Add	*17.01*	
		For 316 Stainless Steel, Add	*19.10*	
		For Aluminum, Add	*1.07*	
		For Galvanized Steel, Add	*3.70*	

05 12 23 00-0372 0.083" Wall Thickness *(05 12 23 00-0365)*

05 12 23 00-0373	LF	3/4" x 3/4" x 0.083" Square Steel Tubing	4.93	1.24
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.33*	
		For >500 To 1,000, Deduct	*-0.49*	
		For >1,000, Deduct	*-0.66*	
		For 304 Stainless Steel, Add	*9.32*	
		For 316 Stainless Steel, Add	*10.46*	
		For Aluminum, Add	*0.59*	
		For Galvanized Steel, Add	*2.03*	
05 12 23 00-0374	LF	1" x 1" x 0.083" Square Steel Tubing	7.17	1.71
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.47*	
		For >500 To 1,000, Deduct	*-0.71*	
		For >1,000, Deduct	*-0.94*	
		For 304 Stainless Steel, Add	*13.97*	
		For 316 Stainless Steel, Add	*15.68*	
		For Aluminum, Add	*0.88*	
		For Galvanized Steel, Add	*3.04*	
05 12 23 00-0375	LF	1-1/4" x 1-1/4" x 0.083" Square Steel Tubing	8.68	2.17
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.58*	
		For >500 To 1,000, Deduct	*-0.87*	
		For >1,000, Deduct	*-1.16*	
		For 304 Stainless Steel, Add	*16.47*	
		For 316 Stainless Steel, Add	*18.50*	
		For Aluminum, Add	*1.04*	
		For Galvanized Steel, Add	*3.58*	
05 12 23 00-0376	LF	1-1/2" x 1-1/2" x 0.083" Square Steel Tubing	10.48	2.64
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.70*	
		For >500 To 1,000, Deduct	*-1.05*	
		For >1,000, Deduct	*-1.40*	
		For 304 Stainless Steel, Add	*19.86*	
		For 316 Stainless Steel, Add	*22.30*	
		For Aluminum, Add	*1.25*	
		For Galvanized Steel, Add	*4.32*	
05 12 23 00-0377	LF	2" x 2" x 0.083" Square Steel Tubing	13.47	3.51
		For >100 To 250, Deduct	*-0.57*	
		For >250 To 500, Deduct	*-0.91*	
		For >500 To 1,000, Deduct	*-1.36*	
		For >1,000, Deduct	*-1.82*	
		For 304 Stainless Steel, Add	*25.02*	
		For 316 Stainless Steel, Add	*28.10*	
		For Aluminum, Add	*1.58*	
		For Galvanized Steel, Add	*5.44*	

05 12 23 00-0378 0.12" Wall Thickness *(05 12 23 00-0365)*

05 12 23 00-0379	LF	1" x 1" x 0.12" Square Steel Tubing	7.93	2.03
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.53*	
		For >500 To 1,000, Deduct	*-0.80*	
		For >1,000, Deduct	*-1.06*	
		For 304 Stainless Steel, Add	*14.88*	
		For 316 Stainless Steel, Add	*16.70*	
		For Aluminum, Add	*0.94*	
		For Galvanized Steel, Add	*3.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0380	LF	1-1/4" x 1-1/4" x 0.12" Square Steel Tubing	10.20	2.61
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.68*	
		For >500 To 1,000, Deduct	*-1.03*	
		For >1,000, Deduct	*-1.37*	
		For 304 Stainless Steel, Add	*19.18*	
		For 316 Stainless Steel, Add	*21.54*	
		For Aluminum, Add	*1.21*	
		For Galvanized Steel, Add	*4.17*	
05 12 23 00-0381	LF	1-1/2" x 1-1/2" x 0.12" Square Steel Tubing	12.53	3.18
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-0.84*	
		For >500 To 1,000, Deduct	*-1.26*	
		For >1,000, Deduct	*-1.68*	
		For 304 Stainless Steel, Add	*23.60*	
		For 316 Stainless Steel, Add	*26.50*	
		For Aluminum, Add	*1.49*	
		For Galvanized Steel, Add	*5.13*	
05 12 23 00-0382	LF	2" x 2" x 0.12" Square Steel Tubing	16.96	4.34
		For >100 To 250, Deduct	*-0.71*	
		For >250 To 500, Deduct	*-1.14*	
		For >500 To 1,000, Deduct	*-1.71*	
		For >1,000, Deduct	*-2.27*	
		For 304 Stainless Steel, Add	*31.86*	
		For 316 Stainless Steel, Add	*35.78*	
		For Aluminum, Add	*2.01*	
		For Galvanized Steel, Add	*6.93*	

05 12 23 00-0383 1/8" Wall Thickness *(05 12 23 00-0365)*

05 12 23 00-0384	LF	2" x 2" x 1/8" Square Steel Tubing	15.33	4.51
		For >100 To 250, Deduct	*-0.68*	
		For >250 To 500, Deduct	*-1.07*	
		For >500 To 1,000, Deduct	*-1.60*	
		For >1,000, Deduct	*-2.13*	
		For 304 Stainless Steel, Add	*26.56*	
		For 316 Stainless Steel, Add	*29.82*	
		For Aluminum, Add	*1.68*	
		For Galvanized Steel, Add	*5.78*	
05 12 23 00-0385	LF	2-1/2" x 2-1/2" x 1/8" Square Steel Tubing	20.20	5.71
		For >100 To 250, Deduct	*-0.89*	
		For >250 To 500, Deduct	*-1.39*	
		For >500 To 1,000, Deduct	*-2.09*	
		For >1,000, Deduct	*-2.78*	
		For 304 Stainless Steel, Add	*35.88*	
		For 316 Stainless Steel, Add	*40.29*	
		For Aluminum, Add	*2.27*	
		For Galvanized Steel, Add	*7.81*	
05 12 23 00-0386	LF	3" x 3" x 1/8" Square Steel Tubing	23.68	6.90
		For >100 To 250, Deduct	*-1.05*	
		For >250 To 500, Deduct	*-1.64*	
		For >500 To 1,000, Deduct	*-2.47*	
		For >1,000, Deduct	*-3.29*	
		For 304 Stainless Steel, Add	*41.24*	
		For 316 Stainless Steel, Add	*46.30*	
		For Aluminum, Add	*2.60*	
		For Galvanized Steel, Add	*8.97*	
05 12 23 00-0387	LF	3-1/2" x 3-1/2" x 1/8" Square Steel Tubing	27.45	8.11
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.91*	
		For >500 To 1,000, Deduct	*-2.87*	
		For >1,000, Deduct	*-3.83*	
		For 304 Stainless Steel, Add	*47.42*	
		For 316 Stainless Steel, Add	*53.25*	
		For Aluminum, Add	*3.00*	
		For Galvanized Steel, Add	*10.32*	
05 12 23 00-0388	LF	4" x 4" x 1/8" Square Steel Tubing	30.28	9.31
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-2.13*	
		For >500 To 1,000, Deduct	*-3.20*	
		For >1,000, Deduct	*-4.27*	
		For 304 Stainless Steel, Add	*50.93*	
		For 316 Stainless Steel, Add	*57.18*	
		For Aluminum, Add	*3.22*	
		For Galvanized Steel, Add	*11.08*	

05 12 23 00-0389 3/16" Wall Thickness *(05 12 23 00-0365)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0390	LF	2" x 2" x 3/16" Square Steel Tubing	17.37	5.08
		For >100 To 250, Deduct	*-0.77*	
		For >250 To 500, Deduct	*-1.21*	
		For >500 To 1,000, Deduct	*-1.81*	
		For >1,000, Deduct	*-2.41*	
		For 304 Stainless Steel, Add	*30.21*	
		For 316 Stainless Steel, Add	*33.92*	
		For Aluminum, Add	*1.91*	
		For Galvanized Steel, Add	*6.57*	
05 12 23 00-0391	LF	2-1/2" x 2-1/2" x 3/16" Square Steel Tubing	22.49	6.57
		For >100 To 250, Deduct	*-1.00*	
		For >250 To 500, Deduct	*-1.56*	
		For >500 To 1,000, Deduct	*-2.34*	
		For >1,000, Deduct	*-3.13*	
		For 304 Stainless Steel, Add	*39.10*	
		For 316 Stainless Steel, Add	*43.90*	
		For Aluminum, Add	*2.47*	
		For Galvanized Steel, Add	*8.51*	
05 12 23 00-0392	LF	3" x 3" x 3/16" Square Steel Tubing	27.64	8.08
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.92*	
		For >500 To 1,000, Deduct	*-2.88*	
		For >1,000, Deduct	*-3.84*	
		For 304 Stainless Steel, Add	*48.05*	
		For 316 Stainless Steel, Add	*53.95*	
		For Aluminum, Add	*3.03*	
		For Galvanized Steel, Add	*10.45*	
05 12 23 00-0393	LF	3-1/2" x 3-1/2" x 3/16" Square Steel Tubing	32.79	9.59
		For >100 To 250, Deduct	*-1.46*	
		For >250 To 500, Deduct	*-2.28*	
		For >500 To 1,000, Deduct	*-3.42*	
		For >1,000, Deduct	*-4.56*	
		For 304 Stainless Steel, Add	*57.03*	
		For 316 Stainless Steel, Add	*64.03*	
		For Aluminum, Add	*3.60*	
		For Galvanized Steel, Add	*12.41*	
05 12 23 00-0394	LF	4" x 4" x 3/16" Square Steel Tubing	37.89	11.08
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.63*	
		For >500 To 1,000, Deduct	*-3.95*	
		For >1,000, Deduct	*-5.27*	
		For 304 Stainless Steel, Add	*65.89*	
		For 316 Stainless Steel, Add	*73.98*	
		For Aluminum, Add	*4.16*	
		For Galvanized Steel, Add	*14.33*	
05 12 23 00-0395	LF	4-1/2" x 4-1/2" x 3/16" Square Steel Tubing	43.06	12.59
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.99*	
		For >500 To 1,000, Deduct	*-4.49*	
		For >1,000, Deduct	*-5.99*	
		For 304 Stainless Steel, Add	*74.87*	
		For 316 Stainless Steel, Add	*84.06*	
		For Aluminum, Add	*4.73*	
		For Galvanized Steel, Add	*16.29*	
05 12 23 00-0396	LF	5" x 5" x 3/16" Square Steel Tubing	48.16	14.08
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-3.35*	
		For >500 To 1,000, Deduct	*-5.02*	
		For >1,000, Deduct	*-6.69*	
		For 304 Stainless Steel, Add	*83.73*	
		For 316 Stainless Steel, Add	*94.02*	
		For Aluminum, Add	*5.29*	
		For Galvanized Steel, Add	*18.22*	
05 12 23 00-0397	LF	6" x 6" x 3/16" Square Steel Tubing	58.47	17.10
		For >100 To 250, Deduct	*-2.60*	
		For >250 To 500, Deduct	*-4.06*	
		For >500 To 1,000, Deduct	*-6.10*	
		For >1,000, Deduct	*-8.13*	
		For 304 Stainless Steel, Add	*101.66*	
		For 316 Stainless Steel, Add	*114.14*	
		For Aluminum, Add	*6.42*	
		For Galvanized Steel, Add	*22.12*	

05 12 23 00-0398 1/4" Wall Thickness *(05 12 23 00-0365)*

05 12 23 00-0399	LF	2" x 2" x 1/4" Square Steel Tubing	18.51	5.09
		For >100 To 250, Deduct	*-0.80*	
		For >250 To 500, Deduct	*-1.27*	
		For >500 To 1,000, Deduct	*-1.90*	
		For >1,000, Deduct	*-2.53*	
		For 304 Stainless Steel, Add	*33.40*	
		For 316 Stainless Steel, Add	*37.50*	
		For Aluminum, Add	*2.11*	
		For Galvanized Steel, Add	*7.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0400	LF	2-1/2" x 2-1/2" x 1/4" Square Steel Tubing	24.33	6.69
		For >100 To 250, Deduct	*-1.05*	
		For >250 To 500, Deduct	*-1.66*	
		For >500 To 1,000, Deduct	*-2.49*	
		For >1,000, Deduct	*-3.33*	
		For 304 Stainless Steel, Add	*43.89*	
		For 316 Stainless Steel, Add	*49.28*	
		For Aluminum, Add	*2.77*	
		For Galvanized Steel, Add	*9.55*	
05 12 23 00-0401	LF	3" x 3" x 1/4" Square Steel Tubing	30.15	8.29
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-2.06*	
		For >500 To 1,000, Deduct	*-3.09*	
		For >1,000, Deduct	*-4.12*	
		For 304 Stainless Steel, Add	*54.41*	
		For 316 Stainless Steel, Add	*61.09*	
		For Aluminum, Add	*3.44*	
		For Galvanized Steel, Add	*11.84*	
05 12 23 00-0402	LF	3-1/2" x 3-1/2" x 1/4" Square Steel Tubing	35.95	9.89
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-2.46*	
		For >500 To 1,000, Deduct	*-3.68*	
		For >1,000, Deduct	*-4.91*	
		For 304 Stainless Steel, Add	*64.89*	
		For 316 Stainless Steel, Add	*72.86*	
		For Aluminum, Add	*4.10*	
		For Galvanized Steel, Add	*14.12*	
05 12 23 00-0403	LF	4" x 4" x 1/4" Square Steel Tubing	41.77	11.49
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.85*	
		For >500 To 1,000, Deduct	*-4.28*	
		For >1,000, Deduct	*-5.71*	
		For 304 Stainless Steel, Add	*75.38*	
		For 316 Stainless Steel, Add	*84.64*	
		For Aluminum, Add	*4.76*	
		For Galvanized Steel, Add	*16.40*	
05 12 23 00-0404	LF	4-1/2" x 4-1/2" x 1/4" Square Steel Tubing	47.59	13.09
		For >100 To 250, Deduct	*-2.06*	
		For >250 To 500, Deduct	*-3.25*	
		For >500 To 1,000, Deduct	*-4.88*	
		For >1,000, Deduct	*-6.50*	
		For 304 Stainless Steel, Add	*85.90*	
		For 316 Stainless Steel, Add	*96.45*	
		For Aluminum, Add	*5.43*	
		For Galvanized Steel, Add	*18.69*	
05 12 23 00-0405	LF	5" x 5" x 1/4" Square Steel Tubing	53.45	14.70
		For >100 To 250, Deduct	*-2.32*	
		For >250 To 500, Deduct	*-3.65*	
		For >500 To 1,000, Deduct	*-5.48*	
		For >1,000, Deduct	*-7.31*	
		For 304 Stainless Steel, Add	*96.44*	
		For 316 Stainless Steel, Add	*108.29*	
		For Aluminum, Add	*6.09*	
		For Galvanized Steel, Add	*20.98*	
05 12 23 00-0406	LF	6" x 6" x 1/4" Square Steel Tubing	65.08	17.90
		For >100 To 250, Deduct	*-2.82*	
		For >250 To 500, Deduct	*-4.45*	
		For >500 To 1,000, Deduct	*-6.67*	
		For >1,000, Deduct	*-8.90*	
		For 304 Stainless Steel, Add	*117.45*	
		For 316 Stainless Steel, Add	*131.87*	
		For Aluminum, Add	*7.42*	
		For Galvanized Steel, Add	*25.55*	

05 12 23 00-0407 Rectangular Steel Tubing *(05 12 23 00-0364)*

05 12 23 00-0408 3/16" Wall Thickness *(05 12 23 00-0407)*

05 12 23 00-0409	LF	3" x 2" x 3/16" Square Steel Tubing	22.49	6.57
		For >100 To 250, Deduct	*-1.00*	
		For >250 To 500, Deduct	*-1.56*	
		For >500 To 1,000, Deduct	*-2.34*	
		For >1,000, Deduct	*-3.13*	
		For 304 Stainless Steel, Add	*39.10*	
		For 316 Stainless Steel, Add	*43.90*	
		For Aluminum, Add	*2.47*	
		For Galvanized Steel, Add	*8.51*	
05 12 23 00-0410	LF	4" x 2" x 3/16" Square Steel Tubing	27.64	8.08
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.92*	
		For >500 To 1,000, Deduct	*-2.88*	
		For >1,000, Deduct	*-3.84*	
		For 304 Stainless Steel, Add	*48.05*	
		For 316 Stainless Steel, Add	*53.95*	
		For Aluminum, Add	*3.03*	
		For Galvanized Steel, Add	*10.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0411	LF	4" x 3" x 3/16" Square Steel Tubing	32.79	9.59
		For >100 To 250, Deduct	*-1.46*	
		For >250 To 500, Deduct	*-2.28*	
		For >500 To 1,000, Deduct	*-3.42*	
		For >1,000, Deduct	*-4.56*	
		For 304 Stainless Steel, Add	*57.03*	
		For 316 Stainless Steel, Add	*64.03*	
		For Aluminum, Add	*3.60*	
		For Galvanized Steel, Add	*12.41*	
05 12 23 00-0412	LF	5" x 2" x 3/16" Square Steel Tubing	32.79	9.59
		For >100 To 250, Deduct	*-1.46*	
		For >250 To 500, Deduct	*-2.28*	
		For >500 To 1,000, Deduct	*-3.42*	
		For >1,000, Deduct	*-4.56*	
		For 304 Stainless Steel, Add	*57.03*	
		For 316 Stainless Steel, Add	*64.03*	
		For Aluminum, Add	*3.60*	
		For Galvanized Steel, Add	*12.41*	
05 12 23 00-0413	LF	5" x 3" x 3/16" Square Steel Tubing	37.89	11.08
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.63*	
		For >500 To 1,000, Deduct	*-3.95*	
		For >1,000, Deduct	*-5.27*	
		For 304 Stainless Steel, Add	*65.89*	
		For 316 Stainless Steel, Add	*73.98*	
		For Aluminum, Add	*4.16*	
		For Galvanized Steel, Add	*14.33*	
05 12 23 00-0414	LF	5" x 4" x 3/16" Square Steel Tubing	43.06	12.59
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.99*	
		For >500 To 1,000, Deduct	*-4.49*	
		For >1,000, Deduct	*-5.99*	
		For 304 Stainless Steel, Add	*74.87*	
		For 316 Stainless Steel, Add	*84.06*	
		For Aluminum, Add	*4.73*	
		For Galvanized Steel, Add	*16.29*	
05 12 23 00-0415	LF	6" x 2" x 3/16" Square Steel Tubing	37.89	11.08
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.63*	
		For >500 To 1,000, Deduct	*-3.95*	
		For >1,000, Deduct	*-5.27*	
		For 304 Stainless Steel, Add	*65.89*	
		For 316 Stainless Steel, Add	*73.98*	
		For Aluminum, Add	*4.16*	
		For Galvanized Steel, Add	*14.33*	
05 12 23 00-0416	LF	6" x 3" x 3/16" Square Steel Tubing	43.06	12.59
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.99*	
		For >500 To 1,000, Deduct	*-4.49*	
		For >1,000, Deduct	*-5.99*	
		For 304 Stainless Steel, Add	*74.87*	
		For 316 Stainless Steel, Add	*84.06*	
		For Aluminum, Add	*4.73*	
		For Galvanized Steel, Add	*16.29*	
05 12 23 00-0417	LF	6" x 4" x 3/16" Square Steel Tubing	48.16	14.08
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-3.35*	
		For >500 To 1,000, Deduct	*-5.02*	
		For >1,000, Deduct	*-6.69*	
		For 304 Stainless Steel, Add	*83.73*	
		For 316 Stainless Steel, Add	*94.02*	
		For Aluminum, Add	*5.29*	
		For Galvanized Steel, Add	*18.22*	

05 12 23 00-0418 1/4" Wall Thickness *(05 12 23 00-0407)*

05 12 23 00-0419	LF	3" x 2" x 1/4" Square Steel Tubing	24.33	6.69
		For >100 To 250, Deduct	*-1.05*	
		For >250 To 500, Deduct	*-1.66*	
		For >500 To 1,000, Deduct	*-2.49*	
		For >1,000, Deduct	*-3.33*	
		For 304 Stainless Steel, Add	*43.89*	
		For 316 Stainless Steel, Add	*49.28*	
		For Aluminum, Add	*2.77*	
		For Galvanized Steel, Add	*9.55*	
05 12 23 00-0420	LF	4" x 2" x 1/4" Square Steel Tubing	30.15	8.29
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-2.06*	
		For >500 To 1,000, Deduct	*-3.09*	
		For >1,000, Deduct	*-4.12*	
		For 304 Stainless Steel, Add	*54.41*	
		For 316 Stainless Steel, Add	*61.09*	
		For Aluminum, Add	*3.44*	
		For Galvanized Steel, Add	*11.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0421	LF	4" x 3" x 1/4" Square Steel Tubing	35.95	9.89
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-2.46*	
		For >500 To 1,000, Deduct	*-3.68*	
		For >1,000, Deduct	*-4.91*	
		For 304 Stainless Steel, Add	*64.89*	
		For 316 Stainless Steel, Add	*72.86*	
		For Aluminum, Add	*4.10*	
		For Galvanized Steel, Add	*14.12*	
05 12 23 00-0422	LF	5" x 2" x 1/4" Square Steel Tubing	35.95	9.89
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-2.46*	
		For >500 To 1,000, Deduct	*-3.68*	
		For >1,000, Deduct	*-4.91*	
		For 304 Stainless Steel, Add	*64.89*	
		For 316 Stainless Steel, Add	*72.86*	
		For Aluminum, Add	*4.10*	
		For Galvanized Steel, Add	*14.12*	
05 12 23 00-0423	LF	5" x 3" x 1/4" Square Steel Tubing	41.77	11.49
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.85*	
		For >500 To 1,000, Deduct	*-4.28*	
		For >1,000, Deduct	*-5.71*	
		For 304 Stainless Steel, Add	*75.38*	
		For 316 Stainless Steel, Add	*84.64*	
		For Aluminum, Add	*4.76*	
		For Galvanized Steel, Add	*16.40*	
05 12 23 00-0424	LF	5" x 4" x 1/4" Square Steel Tubing	47.59	13.09
		For >100 To 250, Deduct	*-2.06*	
		For >250 To 500, Deduct	*-3.25*	
		For >500 To 1,000, Deduct	*-4.88*	
		For >1,000, Deduct	*-6.50*	
		For 304 Stainless Steel, Add	*85.90*	
		For 316 Stainless Steel, Add	*96.45*	
		For Aluminum, Add	*5.43*	
		For Galvanized Steel, Add	*18.69*	
05 12 23 00-0425	LF	6" x 2" x 1/4" Square Steel Tubing	41.77	11.49
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.85*	
		For >500 To 1,000, Deduct	*-4.28*	
		For >1,000, Deduct	*-5.71*	
		For 304 Stainless Steel, Add	*75.38*	
		For 316 Stainless Steel, Add	*84.64*	
		For Aluminum, Add	*4.76*	
		For Galvanized Steel, Add	*16.40*	
05 12 23 00-0426	LF	6" x 3" x 1/4" Square Steel Tubing	47.59	13.09
		For >100 To 250, Deduct	*-2.06*	
		For >250 To 500, Deduct	*-3.25*	
		For >500 To 1,000, Deduct	*-4.88*	
		For >1,000, Deduct	*-6.50*	
		For 304 Stainless Steel, Add	*85.90*	
		For 316 Stainless Steel, Add	*96.45*	
		For Aluminum, Add	*5.43*	
		For Galvanized Steel, Add	*18.69*	
05 12 23 00-0427	LF	6" x 4" x 1/4" Square Steel Tubing	53.45	14.70
		For >100 To 250, Deduct	*-2.32*	
		For >250 To 500, Deduct	*-3.65*	
		For >500 To 1,000, Deduct	*-5.48*	
		For >1,000, Deduct	*-7.31*	
		For 304 Stainless Steel, Add	*96.44*	
		For 316 Stainless Steel, Add	*108.29*	
		For Aluminum, Add	*6.09*	
		For Galvanized Steel, Add	*20.98*	

05 12 23 00-0428 Round Steel Tubing *(05 12 23 00-0364)*

05 12 23 00-0429 0.065" Wall Thickness *(05 12 23 00-0428)*

05 12 23 00-0430	LF	1" Diameter x 0.065" Round Steel Tubing	4.92	1.22
		For >100 To 250, Deduct	*-0.20*	
		For >250 To 500, Deduct	*-0.33*	
		For >500 To 1,000, Deduct	*-0.49*	
		For >1,000, Deduct	*-0.66*	
		For 304 Stainless Steel, Add	*9.38*	
		For 316 Stainless Steel, Add	*10.53*	
		For Aluminum, Add	*0.59*	
		For Galvanized Steel, Add	*2.04*	
05 12 23 00-0431	LF	1-1/4" Diameter x 0.065" Round Steel Tubing	6.24	1.55
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.42*	
		For >500 To 1,000, Deduct	*-0.62*	
		For >1,000, Deduct	*-0.83*	
		For 304 Stainless Steel, Add	*11.91*	
		For 316 Stainless Steel, Add	*13.38*	
		For Aluminum, Add	*0.75*	
		For Galvanized Steel, Add	*2.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0432	LF	1-1/2" Diameter x 0.065" Round Steel Tubing	7.56	1.87
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.50*	
		For >500 To 1,000, Deduct	*-0.75*	
		For >1,000, Deduct	*-1.01*	
		For 304 Stainless Steel, Add	*14.42*	
		For 316 Stainless Steel, Add	*16.19*	
		For Aluminum, Add	*0.91*	
		For Galvanized Steel, Add	*3.14*	
05 12 23 00-0433	LF	2" Diameter x 0.065" Round Steel Tubing	10.19	2.53
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.68*	
		For >500 To 1,000, Deduct	*-1.02*	
		For >1,000, Deduct	*-1.36*	
		For 304 Stainless Steel, Add	*19.44*	
		For 316 Stainless Steel, Add	*21.82*	
		For Aluminum, Add	*1.23*	
		For Galvanized Steel, Add	*4.23*	
05 12 23 00-0434	LF	2-1/2" Diameter x 0.065" Round Steel Tubing	12.82	3.18
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-0.85*	
		For >500 To 1,000, Deduct	*-1.28*	
		For >1,000, Deduct	*-1.71*	
		For 304 Stainless Steel, Add	*24.45*	
		For 316 Stainless Steel, Add	*27.46*	
		For Aluminum, Add	*1.54*	
		For Galvanized Steel, Add	*5.32*	
05 12 23 00-0435	LF	3" Diameter x 0.065" Round Steel Tubing	15.45	3.83
		For >100 To 250, Deduct	*-0.64*	
		For >250 To 500, Deduct	*-1.03*	
		For >500 To 1,000, Deduct	*-1.54*	
		For >1,000, Deduct	*-2.06*	
		For 304 Stainless Steel, Add	*29.47*	
		For 316 Stainless Steel, Add	*33.09*	
		For Aluminum, Add	*1.86*	
		For Galvanized Steel, Add	*6.41*	
05 12 23 00-0436	LF	3-1/2" Diameter x 0.065" Round Steel Tubing	18.09	4.49
		For >100 To 250, Deduct	*-0.75*	
		For >250 To 500, Deduct	*-1.20*	
		For >500 To 1,000, Deduct	*-1.81*	
		For >1,000, Deduct	*-2.41*	
		For 304 Stainless Steel, Add	*34.49*	
		For 316 Stainless Steel, Add	*38.72*	
		For Aluminum, Add	*2.18*	
		For Galvanized Steel, Add	*7.50*	
05 12 23 00-0437	LF	4" Diameter x 0.065" Round Steel Tubing	20.72	5.14
		For >100 To 250, Deduct	*-0.86*	
		For >250 To 500, Deduct	*-1.38*	
		For >500 To 1,000, Deduct	*-2.07*	
		For >1,000, Deduct	*-2.76*	
		For 304 Stainless Steel, Add	*39.53*	
		For 316 Stainless Steel, Add	*44.38*	
		For Aluminum, Add	*2.50*	
		For Galvanized Steel, Add	*8.60*	

05 12 23 00-0438 0.083" Wall Thickness *(05 12 23 00-0428)*

05 12 23 00-0439	LF	1" Diameter x 0.083" Round Steel Tubing	5.34	1.34
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.36*	
		For >500 To 1,000, Deduct	*-0.53*	
		For >1,000, Deduct	*-0.71*	
		For 304 Stainless Steel, Add	*10.15*	
		For 316 Stainless Steel, Add	*11.39*	
		For Aluminum, Add	*0.64*	
		For Galvanized Steel, Add	*2.21*	
05 12 23 00-0440	LF	1-1/4" Diameter x 0.083" Round Steel Tubing	6.81	1.70
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.45*	
		For >500 To 1,000, Deduct	*-0.68*	
		For >1,000, Deduct	*-0.91*	
		For 304 Stainless Steel, Add	*12.94*	
		For 316 Stainless Steel, Add	*14.53*	
		For Aluminum, Add	*0.82*	
		For Galvanized Steel, Add	*2.81*	
05 12 23 00-0441	LF	1-1/2" Diameter x 0.083" Round Steel Tubing	8.27	2.07
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.55*	
		For >500 To 1,000, Deduct	*-0.83*	
		For >1,000, Deduct	*-1.10*	
		For 304 Stainless Steel, Add	*15.70*	
		For 316 Stainless Steel, Add	*17.63*	
		For Aluminum, Add	*0.99*	
		For Galvanized Steel, Add	*3.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0442	LF	2" Diameter x 0.083" Round Steel Tubing	11.18	2.80
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.75*	
		For >500 To 1,000, Deduct	*-1.12*	
		For >1,000, Deduct	*-1.49*	
		For 304 Stainless Steel, Add	*21.23*	
		For 316 Stainless Steel, Add	*23.84*	
		For Aluminum, Add	*1.34*	
		For Galvanized Steel, Add	*4.62*	
05 12 23 00-0443	LF	2-1/2" Diameter x 0.083" Round Steel Tubing	14.11	3.53
		For >100 To 250, Deduct	*-0.59*	
		For >250 To 500, Deduct	*-0.94*	
		For >500 To 1,000, Deduct	*-1.41*	
		For >1,000, Deduct	*-1.88*	
		For 304 Stainless Steel, Add	*26.79*	
		For 316 Stainless Steel, Add	*30.08*	
		For Aluminum, Add	*1.69*	
		For Galvanized Steel, Add	*5.83*	
05 12 23 00-0444	LF	3" Diameter x 0.083" Round Steel Tubing	17.02	4.26
		For >100 To 250, Deduct	*-0.71*	
		For >250 To 500, Deduct	*-1.14*	
		For >500 To 1,000, Deduct	*-1.70*	
		For >1,000, Deduct	*-2.27*	
		For 304 Stainless Steel, Add	*32.32*	
		For 316 Stainless Steel, Add	*36.29*	
		For Aluminum, Add	*2.04*	
		For Galvanized Steel, Add	*7.03*	
05 12 23 00-0445	LF	3-1/2" Diameter x 0.083" Round Steel Tubing	19.93	4.99
		For >100 To 250, Deduct	*-0.83*	
		For >250 To 500, Deduct	*-1.33*	
		For >500 To 1,000, Deduct	*-1.99*	
		For >1,000, Deduct	*-2.66*	
		For 304 Stainless Steel, Add	*37.85*	
		For 316 Stainless Steel, Add	*42.50*	
		For Aluminum, Add	*2.39*	
		For Galvanized Steel, Add	*8.23*	
05 12 23 00-0446	LF	4" Diameter x 0.083" Round Steel Tubing	22.85	5.72
		For >100 To 250, Deduct	*-0.95*	
		For >250 To 500, Deduct	*-1.52*	
		For >500 To 1,000, Deduct	*-2.29*	
		For >1,000, Deduct	*-3.05*	
		For 304 Stainless Steel, Add	*43.38*	
		For 316 Stainless Steel, Add	*48.70*	
		For Aluminum, Add	*2.74*	
		For Galvanized Steel, Add	*9.44*	
05 12 23 00-0447		0.125" Wall Thickness *(05 12 23 00-0428)*		
05 12 23 00-0448	LF	2" Diameter x 0.125" Round Steel Tubing	12.02	3.53
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-0.84*	
		For >500 To 1,000, Deduct	*-1.25*	
		For >1,000, Deduct	*-1.67*	
		For 304 Stainless Steel, Add	*20.83*	
		For 316 Stainless Steel, Add	*23.39*	
		For Aluminum, Add	*1.32*	
		For Galvanized Steel, Add	*4.53*	
05 12 23 00-0449	LF	2-1/2" Diameter x 0.125" Round Steel Tubing	15.23	4.48
		For >100 To 250, Deduct	*-0.68*	
		For >250 To 500, Deduct	*-1.06*	
		For >500 To 1,000, Deduct	*-1.59*	
		For >1,000, Deduct	*-2.12*	
		For 304 Stainless Steel, Add	*26.39*	
		For 316 Stainless Steel, Add	*29.63*	
		For Aluminum, Add	*1.67*	
		For Galvanized Steel, Add	*5.74*	
05 12 23 00-0450	LF	3" Diameter x 0.125" Round Steel Tubing	18.44	5.41
		For >100 To 250, Deduct	*-0.82*	
		For >250 To 500, Deduct	*-1.28*	
		For >500 To 1,000, Deduct	*-1.93*	
		For >1,000, Deduct	*-2.57*	
		For 304 Stainless Steel, Add	*31.95*	
		For 316 Stainless Steel, Add	*35.87*	
		For Aluminum, Add	*2.02*	
		For Galvanized Steel, Add	*6.95*	
05 12 23 00-0451	LF	3-1/2" Diameter x 0.125" Round Steel Tubing	21.64	6.36
		For >100 To 250, Deduct	*-0.97*	
		For >250 To 500, Deduct	*-1.51*	
		For >500 To 1,000, Deduct	*-2.26*	
		For >1,000, Deduct	*-3.01*	
		For 304 Stainless Steel, Add	*37.51*	
		For 316 Stainless Steel, Add	*42.11*	
		For Aluminum, Add	*2.37*	
		For Galvanized Steel, Add	*8.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0452	LF	4" Diameter x 0.125" Round Steel Tubing	24.85	7.31
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.73*	
		For >500 To 1,000, Deduct	*-2.59*	
		For >1,000, Deduct	*-3.46*	
		For 304 Stainless Steel, Add	*43.06*	
		For 316 Stainless Steel, Add	*48.35*	
		For Aluminum, Add	*2.72*	
		For Galvanized Steel, Add	*9.37*	

05 12 23 00-0453 Flat Steel Bar *(05 12 23 00-0105)*

05 12 23 00-0454 1/8" Thick *(05 12 23 00-0453)*

05 12 23 00-0455	LF	1/8" Thick x 1" Wide Flat Steel Bar	3.73	1.76
		For 304 Stainless Steel, Add	*3.11*	
		For 316 Stainless Steel, Add	*3.49*	
		For Aluminum, Add	*0.20*	
		For Galvanized Steel, Add	*0.68*	
05 12 23 00-0456	LF	1/8" Thick x 2" Wide Flat Steel Bar	5.77	2.64
		For 304 Stainless Steel, Add	*5.16*	
		For 316 Stainless Steel, Add	*5.79*	
		For Aluminum, Add	*0.33*	
		For Galvanized Steel, Add	*1.12*	
05 12 23 00-0457	LF	1/8" Thick x 4" Wide Flat Steel Bar	8.87	3.71
		For 304 Stainless Steel, Add	*9.38*	
		For 316 Stainless Steel, Add	*10.53*	
		For Aluminum, Add	*0.59*	
		For Galvanized Steel, Add	*2.04*	
05 12 23 00-0458	LF	1/8" Thick x 6" Wide Flat Steel Bar	12.02	5.04
		For 304 Stainless Steel, Add	*12.68*	
		For 316 Stainless Steel, Add	*14.24*	
		For Aluminum, Add	*0.80*	
		For Galvanized Steel, Add	*2.76*	

05 12 23 00-0459 3/16" Thick *(05 12 23 00-0453)*

05 12 23 00-0460	LF	3/16" Thick x 1" Wide Flat Steel Bar	4.93	2.18
		For 304 Stainless Steel, Add	*4.73*	
		For 316 Stainless Steel, Add	*5.31*	
		For Aluminum, Add	*0.30*	
		For Galvanized Steel, Add	*1.03*	
05 12 23 00-0461	LF	3/16" Thick x 2" Wide Flat Steel Bar	7.78	3.27
		For 304 Stainless Steel, Add	*8.15*	
		For 316 Stainless Steel, Add	*9.15*	
		For Aluminum, Add	*0.51*	
		For Galvanized Steel, Add	*1.77*	
05 12 23 00-0462	LF	3/16" Thick x 4" Wide Flat Steel Bar	10.48	3.76
		For 304 Stainless Steel, Add	*13.77*	
		For 316 Stainless Steel, Add	*15.46*	
		For Aluminum, Add	*0.87*	
		For Galvanized Steel, Add	*2.99*	
05 12 23 00-0463	LF	3/16" Thick x 6" Wide Flat Steel Bar	14.50	5.22
		For 304 Stainless Steel, Add	*19.01*	
		For 316 Stainless Steel, Add	*21.34*	
		For Aluminum, Add	*1.20*	
		For Galvanized Steel, Add	*4.14*	

05 12 23 00-0464 1/4" Thick *(05 12 23 00-0453)*

05 12 23 00-0465	LF	1/4" Thick x 1" Wide Flat Steel Bar	5.10	2.30
		For 304 Stainless Steel, Add	*4.67*	
		For 316 Stainless Steel, Add	*5.25*	
		For Aluminum, Add	*0.30*	
		For Galvanized Steel, Add	*1.02*	
05 12 23 00-0466	LF	1/4" Thick x 2" Wide Flat Steel Bar	8.50	3.46
		For 304 Stainless Steel, Add	*9.43*	
		For 316 Stainless Steel, Add	*10.59*	
		For Aluminum, Add	*0.60*	
		For Galvanized Steel, Add	*2.05*	
05 12 23 00-0467	LF	1/4" Thick x 4" Wide Flat Steel Bar	12.35	3.96
		For 304 Stainless Steel, Add	*18.27*	
		For 316 Stainless Steel, Add	*20.51*	
		For Aluminum, Add	*1.15*	
		For Galvanized Steel, Add	*3.97*	
05 12 23 00-0468	LF	1/4" Thick x 6" Wide Flat Steel Bar	17.88	5.85
		For 304 Stainless Steel, Add	*25.91*	
		For 316 Stainless Steel, Add	*29.09*	
		For Aluminum, Add	*1.64*	
		For Galvanized Steel, Add	*5.64*	

05 12 23 00-0469 3/8" Thick *(05 12 23 00-0453)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0470	LF	3/8" Thick x 1" Wide Flat Steel Bar	6.47	2.60
		For 304 Stainless Steel, Add	*7.32*	
		For 316 Stainless Steel, Add	*8.22*	
		For Aluminum, Add	*0.46*	
		For Galvanized Steel, Add	*1.59*	
05 12 23 00-0471	LF	3/8" Thick x 2" Wide Flat Steel Bar	10.59	3.89
		For 304 Stainless Steel, Add	*13.51*	
		For 316 Stainless Steel, Add	*15.17*	
		For Aluminum, Add	*0.85*	
		For Galvanized Steel, Add	*2.94*	
05 12 23 00-0472	LF	3/8" Thick x 4" Wide Flat Steel Bar	16.15	4.44
		For 304 Stainless Steel, Add	*27.02*	
		For 316 Stainless Steel, Add	*30.34*	
		For Aluminum, Add	*1.71*	
		For Galvanized Steel, Add	*5.88*	
05 12 23 00-0473	LF	3/8" Thick x 6" Wide Flat Steel Bar	23.23	6.57
		For 304 Stainless Steel, Add	*38.02*	
		For 316 Stainless Steel, Add	*42.69*	
		For Aluminum, Add	*2.40*	
		For Galvanized Steel, Add	*8.27*	
05 12 23 00-0474		**1/2" Thick** *(05 12 23 00-0453)*		
05 12 23 00-0475	LF	1/2" Thick x 1" Wide Flat Steel Bar	7.58	2.85
		For 304 Stainless Steel, Add	*9.38*	
		For 316 Stainless Steel, Add	*10.53*	
		For Aluminum, Add	*0.59*	
		For Galvanized Steel, Add	*2.04*	
05 12 23 00-0476	LF	1/2" Thick x 2" Wide Flat Steel Bar	12.49	4.29
		For 304 Stainless Steel, Add	*17.24*	
		For 316 Stainless Steel, Add	*19.36*	
		For Aluminum, Add	*1.09*	
		For Galvanized Steel, Add	*3.75*	
05 12 23 00-0477	LF	1/2" Thick x 4" Wide Flat Steel Bar	17.65	4.88
		For 304 Stainless Steel, Add	*29.38*	
		For 316 Stainless Steel, Add	*32.99*	
		For Aluminum, Add	*1.86*	
		For Galvanized Steel, Add	*6.39*	
05 12 23 00-0478	LF	1/2" Thick x 6" Wide Flat Steel Bar	31.44	7.24
		For 304 Stainless Steel, Add	*58.62*	
		For 316 Stainless Steel, Add	*65.82*	
		For Aluminum, Add	*3.70*	
		For Galvanized Steel, Add	*12.75*	
05 12 23 00-0479		**Flat Steel Plate** *(05 12 23 00-0105)*		
05 12 23 00-0480	SF	1/8" Thick Flat Steel Plate	19.11	7.57
		For 304 Stainless Steel, Add	*22.12*	
		For 316 Stainless Steel, Add	*24.83*	
		For Aluminum, Add	*1.40*	
		For Galvanized Steel, Add	*4.81*	
05 12 23 00-0481	SF	3/16" Thick Flat Steel Plate	21.47	7.83
		For 304 Stainless Steel, Add	*27.67*	
		For 316 Stainless Steel, Add	*31.07*	
		For Aluminum, Add	*1.75*	
		For Galvanized Steel, Add	*6.02*	
05 12 23 00-0482	SF	1/4" Thick Flat Steel Plate	25.55	8.78
		For 304 Stainless Steel, Add	*35.28*	
		For 316 Stainless Steel, Add	*39.62*	
		For Aluminum, Add	*2.23*	
		For Galvanized Steel, Add	*7.68*	
05 12 23 00-0483	SF	3/8" Thick Flat Steel Plate	34.25	9.87
		For 304 Stainless Steel, Add	*55.38*	
		For 316 Stainless Steel, Add	*62.18*	
		For Aluminum, Add	*3.50*	
		For Galvanized Steel, Add	*12.05*	
05 12 23 00-0484	SF	1/2" Thick Flat Steel Plate	40.50	10.86
		For 304 Stainless Steel, Add	*68.97*	
		For 316 Stainless Steel, Add	*77.44*	
		For Aluminum, Add	*4.36*	
		For Galvanized Steel, Add	*15.00*	
05 12 23 00-0485	SF	3/4" Thick Flat Steel Plate	65.78	13.45
		For 304 Stainless Steel, Add	*129.39*	
		For 316 Stainless Steel, Add	*145.28*	
		For Aluminum, Add	*8.17*	
		For Galvanized Steel, Add	*28.15*	
05 12 23 00-0486	SF	1" Thick Flat Steel Plate	87.63	16.81
		For 304 Stainless Steel, Add	*177.16*	
		For 316 Stainless Steel, Add	*198.91*	
		For Aluminum, Add	*11.19*	
		For Galvanized Steel, Add	*38.54*	
05 12 23 00-0487		**Metal Runner/Track** *(05 12 23 00-0105)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0488	LF	4" Wide x 1-1/4" Leg, 18 Gauge, Slotted Metal Runner	10.26	4.21
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-0.80*	
		For >500 To 1,000, Deduct	*-1.19*	
		For >1,000, Deduct	*-1.59*	
05 12 23 00-0489	LF	6" Wide x 1-1/4" Leg, 18 Gauge, Slotted Metal Runner	12.47	4.71
		For >100 To 250, Deduct	*-0.63*	
		For >250 To 500, Deduct	*-0.94*	
		For >500 To 1,000, Deduct	*-1.41*	
		For >1,000, Deduct	*-1.87*	
05 12 23 00-0490	LF	8" Wide x 1-1/4" Leg, 18 Gauge, Slotted Metal Runner	15.02	5.40
		For >100 To 250, Deduct	*-0.74*	
		For >250 To 500, Deduct	*-1.11*	
		For >500 To 1,000, Deduct	*-1.67*	
		For >1,000, Deduct	*-2.22*	
05 12 23 00-0491	LF	10" Wide x 1-1/4" Leg, 18 Gauge, Slotted Metal Runner	17.59	5.89
		For >100 To 250, Deduct	*-0.83*	
		For >250 To 500, Deduct	*-1.27*	
		For >500 To 1,000, Deduct	*-1.91*	
		For >1,000, Deduct	*-2.54*	
05 12 23 00-0492	LF	4" Wide x 1-1/4" Leg, 16 Gauge, Slotted Metal Runner	11.26	4.21
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-0.85*	
		For >500 To 1,000, Deduct	*-1.27*	
		For >1,000, Deduct	*-1.69*	
05 12 23 00-0493	LF	6" Wide x 1-1/4" Leg, 16 Gauge, Slotted Metal Runner	13.90	4.71
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.01*	
		For >500 To 1,000, Deduct	*-1.51*	
		For >1,000, Deduct	*-2.02*	
05 12 23 00-0494	LF	8" Wide x 1-1/4" Leg, 16 Gauge, Slotted Metal Runner	16.45	5.40
		For >100 To 250, Deduct	*-0.77*	
		For >250 To 500, Deduct	*-1.18*	
		For >500 To 1,000, Deduct	*-1.78*	
		For >1,000, Deduct	*-2.37*	
05 12 23 00-0495	LF	10" Wide x 1-1/4" Leg, 16 Gauge, Slotted Metal Runner	19.38	5.89
		For >100 To 250, Deduct	*-0.88*	
		For >250 To 500, Deduct	*-1.36*	
		For >500 To 1,000, Deduct	*-2.04*	
		For >1,000, Deduct	*-2.72*	
05 12 23 00-0496	LF	4" Wide x 1-1/4" Leg, 14 Gauge, Slotted Metal Runner	12.63	4.66
		For >100 To 250, Deduct	*-0.63*	
		For >250 To 500, Deduct	*-0.94*	
		For >500 To 1,000, Deduct	*-1.41*	
		For >1,000, Deduct	*-1.88*	
05 12 23 00-0497	LF	6" Wide x 1-1/4" Leg, 14 Gauge, Slotted Metal Runner	15.61	5.17
		For >100 To 250, Deduct	*-0.74*	
		For >250 To 500, Deduct	*-1.13*	
		For >500 To 1,000, Deduct	*-1.69*	
		For >1,000, Deduct	*-2.25*	
05 12 23 00-0498	LF	8" Wide x 1-1/4" Leg, 14 Gauge, Slotted Metal Runner	17.85	5.95
		For >100 To 250, Deduct	*-0.84*	
		For >250 To 500, Deduct	*-1.29*	
		For >500 To 1,000, Deduct	*-1.93*	
		For >1,000, Deduct	*-2.58*	
05 12 23 00-0499	LF	10" Wide x 1-1/4" Leg, 14 Gauge, Slotted Metal Runner	21.02	6.46
		For >100 To 250, Deduct	*-0.96*	
		For >250 To 500, Deduct	*-1.48*	
		For >500 To 1,000, Deduct	*-2.22*	
		For >1,000, Deduct	*-2.97*	

05 13 Structural Stainless-Steel Framing *(05 10)*

05 13 00 00-0001 Stainless Steel Tube *(05 13)*

05 13 00 00-0002	LF	1" x 1" Stainless Steel Tube	40.45	
05 13 00 00-0003	LF	1-1/2" x 1-1/2" Stainless Steel Tube	52.50	
05 13 00 00-0004	LF	2" x 2" Stainless Steel Tube	71.33	

05 14 Structural Aluminum Framing *(05 10)*

05 14 13 Architecturally-Exposed Structural Aluminum Framing *(05 14)*

05 14 13 00-0001 Rolled Or Plate Shapes *(05 14 13)*

Note: 1" through 10" member.

05 14 13 00-0002	LB	Structural Aluminum, Up To 2,000 Lb. / Order 1" To 10" Rolled / Plate Structural Members	10.38	1.02
05 14 13 00-0003	LB	Structural Aluminum, >2,000 - 9,999 Lb. / Order 1" To 10" Rolled / Plate Structural Members	9.14	0.95

05 14 13 00-0004 Aluminum Extrusions *(05 14 13)*

05 14 13 00-0005	LB	Aluminum Extrusions, Stock Shapes 1" To 10" Rolled / Plate Structural Members	17.02	4.24
05 14 13 00-0006	LB	Aluminum Extrusions, Custom Shapes 1" To 10" Rolled / Plate Structural Members	18.01	4.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 14 13 00-0007		Aluminum Tubing *(05 14 13)*		
05 14 13 00-0008	LB	Aluminum Extrusions, Tubular Shapes 1" To 10" Rolled / Plate Structural Members	15.18	4.27
05 14 13 00-0009	LF	1" x 1" Aluminum Tubing, 1/8" Wall Thickness	13.65	6.90
05 14 13 00-0010	LF	1-1/4" x 1-1/4" Aluminum Tubing, 1/8" Wall Thickness	16.50	7.53
05 14 13 00-0011	LF	1-1/2" x 1-1/2" Aluminum Tubing, 1/8" Wall Thickness	18.94	8.79
05 14 13 00-0012	LF	2" x 2" Aluminum Tubing, 1/8" Wall Thickness	22.52	9.41
05 14 13 00-0013	LF	4" x 4" Aluminum Tubing, 1/4" Wall Thickness	65.50	11.93
05 14 13 00-0014	LF	2" x 5" Aluminum Tubing, 1/4" Wall Thickness	53.66	10.67

05 15 Wire Rope Assemblies *(05 10)*

05 15 16 Steel Wire Rope Assemblies *(05 15)*

05 15 16 00-0001		6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope *(05 15 16)*		
05 15 16 00-0002	LF	1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.66	0.12
		For >500, Deduct	*-0.29*	
05 15 16 00-0003	LF	5/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.24	0.12
		For >500, Deduct	*-0.38*	
05 15 16 00-0004	LF	3/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.67	0.25
		For >500, Deduct	*-0.44*	
05 15 16 00-0005	LF	7/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.24	0.25
		For >500, Deduct	*-0.51*	
05 15 16 00-0006	LF	1/2" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.76	0.37
		For >500, Deduct	*-0.58*	
05 15 16 00-0007	LF	9/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	4.61	0.50
		For >500, Deduct	*-0.70*	
05 15 16 00-0008	LF	5/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	5.50	0.50
		For >500, Deduct	*-0.83*	
05 15 16 00-0009	LF	3/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	7.64	0.88
		For >500, Deduct	*-1.13*	
05 15 16 00-0010	LF	7/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	10.28	1.01
		For >500, Deduct	*-1.52*	
05 15 16 00-0011	LF	1" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	12.83	1.38
		For >500, Deduct	*-1.86*	
05 15 16 00-0012	LF	1-1/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	15.86	1.76
		For >500, Deduct	*-2.29*	
05 15 16 00-0013	LF	1-1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	19.34	2.13
		For >500, Deduct	*-2.79*	
05 15 16 00-0014		6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope *(05 15 16)*		
05 15 16 00-0015	LF	1/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.95	0.12
		For >500, Deduct	*-0.35*	
05 15 16 00-0016	LF	5/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.53	0.12
		For >500, Deduct	*-0.44*	
05 15 16 00-0017	LF	3/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.15	0.25
		For >500, Deduct	*-0.53*	
05 15 16 00-0018	LF	7/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.60	0.25
		For >500, Deduct	*-0.59*	
05 15 16 00-0019	LF	1/2" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	4.29	0.37
		For >500, Deduct	*-0.68*	
05 15 16 00-0020	LF	9/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	4.95	0.50
		For >500, Deduct	*-0.77*	
05 15 16 00-0021	LF	5/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	5.79	0.50
		For >500, Deduct	*-0.89*	
05 15 16 00-0022	LF	3/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	8.50	0.88
		For >500, Deduct	*-1.30*	
05 15 16 00-0023	LF	7/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	10.91	1.01
		For >500, Deduct	*-1.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0024	LF	1" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	13.45	1.38
		For >500, Deduct	*-1.99*	
05 15 16 00-0025	LF	1-1/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	17.22	1.76
		For >500, Deduct	*-2.55*	
05 15 16 00-0026	LF	1-1/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	20.94	2.13
		For >500, Deduct	*-3.11*	

05 15 16 00-0027 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope *(05 15 16)*

05 15 16 00-0028	LF	1/4" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	1.55	0.12
		For >500, Deduct	*-0.27*	
05 15 16 00-0029	LF	5/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	2.11	0.12
		For >500, Deduct	*-0.35*	
05 15 16 00-0030	LF	3/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	2.52	0.25
		For >500, Deduct	*-0.41*	
05 15 16 00-0031	LF	7/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	2.97	0.25
		For >500, Deduct	*-0.46*	
05 15 16 00-0032	LF	1/2" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	3.58	0.37
		For >500, Deduct	*-0.54*	
05 15 16 00-0033	LF	9/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	4.53	0.50
		For >500, Deduct	*-0.68*	
05 15 16 00-0034	LF	5/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	5.29	0.50
		For >500, Deduct	*-0.79*	
05 15 16 00-0035	LF	3/4" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	7.45	0.88
		For >500, Deduct	*-1.09*	
05 15 16 00-0036	LF	7/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	9.15	1.01
		For >500, Deduct	*-1.29*	
05 15 16 00-0037	LF	1" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	11.65	1.38
		For >500, Deduct	*-1.62*	

05 15 16 00-0038 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope *(05 15 16)*

05 15 16 00-0039	LF	1/4" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.53	0.12
		For >500, Deduct	*-0.26*	
05 15 16 00-0040	LF	5/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.03	0.12
		For >500, Deduct	*-0.34*	
05 15 16 00-0041	LF	3/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.52	0.25
		For >500, Deduct	*-0.41*	
05 15 16 00-0042	LF	7/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.97	0.25
		For >500, Deduct	*-0.46*	
05 15 16 00-0043	LF	1/2" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.74	0.37
		For >500, Deduct	*-0.57*	
05 15 16 00-0044	LF	9/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	4.46	0.50
		For >500, Deduct	*-0.67*	
05 15 16 00-0045	LF	5/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	5.58	0.50
		For >500, Deduct	*-0.84*	
05 15 16 00-0046	LF	3/4" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	7.79	0.88
		For >500, Deduct	*-1.16*	
05 15 16 00-0047	LF	7/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	10.20	1.01
		For >500, Deduct	*-1.50*	
05 15 16 00-0048	LF	1" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	12.61	1.38
		For >500, Deduct	*-1.82*	

05 15 16 00-0049 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope *(05 15 16)*

05 15 16 00-0050	LF	3/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	2.85	0.25
		For >500, Deduct	*-0.47*	
05 15 16 00-0051	LF	7/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	3.35	0.25
		For >500, Deduct	*-0.54*	
05 15 16 00-0052	LF	1/2" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	3.93	0.37
		For >500, Deduct	*-0.61*	
05 15 16 00-0053	LF	9/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	5.28	0.50
		For >500, Deduct	*-0.83*	
05 15 16 00-0054	LF	5/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	5.83	0.50
		For >500, Deduct	*-0.89*	
05 15 16 00-0055	LF	3/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	7.97	0.88
		For >500, Deduct	*-1.20*	
05 15 16 00-0056	LF	7/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	10.24	1.01
		For >500, Deduct	*-1.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0057	LF	1" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	13.50	1.38
		For >500, Deduct	*-1.99*	
05 15 16 00-0058	LF	1-1/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	16.36	1.76
		For >500, Deduct	*-2.39*	
05 15 16 00-0059	LF	1-1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	19.76	2.13
		For >500, Deduct	*-2.88*	
05 15 16 00-0060		**6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope** *(05 15 16)*		
05 15 16 00-0061	LF	3/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	2.92	0.25
		For >500, Deduct	*-0.49*	
05 15 16 00-0062	LF	7/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	3.54	0.25
		For >500, Deduct	*-0.57*	
05 15 16 00-0063	LF	1/2" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	4.20	0.37
		For >500, Deduct	*-0.67*	
05 15 16 00-0064	LF	9/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	5.85	0.50
		For >500, Deduct	*-0.95*	
05 15 16 00-0065	LF	5/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	5.92	0.50
		For >500, Deduct	*-0.91*	
05 15 16 00-0066	LF	3/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	8.16	0.88
		For >500, Deduct	*-1.24*	
05 15 16 00-0067	LF	7/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	10.81	1.01
		For >500, Deduct	*-1.63*	
05 15 16 00-0068	LF	1" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	13.69	1.38
		For >500, Deduct	*-2.03*	
05 15 16 00-0069		**19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope** *(05 15 16)*		
05 15 16 00-0070	LF	1/4" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	2.98	0.12
		For >500, Deduct	*-0.55*	
05 15 16 00-0071	LF	5/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	3.23	0.12
		For >500, Deduct	*-0.58*	
05 15 16 00-0072	LF	3/8" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	3.81	0.25
		For >500, Deduct	*-0.67*	
05 15 16 00-0073	LF	7/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	5.13	0.25
		For >500, Deduct	*-0.89*	
05 15 16 00-0074	LF	1/2" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	5.83	0.25
		For >500, Deduct	*-1.03*	
05 15 16 00-0075	LF	9/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	6.77	0.50
		For >500, Deduct	*-1.14*	
05 15 16 00-0076	LF	5/8" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	8.05	0.50
		For >500, Deduct	*-1.34*	
05 15 16 00-0077	LF	3/4" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	11.09	0.75
		For >500, Deduct	*-1.83*	
05 15 16 00-0078		**7x7, Galvanized Finish, Aircraft Cable** *(05 15 16)*		
05 15 16 00-0079	LF	1/16" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.35	0.09
		For >500, Deduct	*-0.04*	
05 15 16 00-0080	LF	3/32" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.40	0.10
		For >500, Deduct	*-0.05*	
05 15 16 00-0081	LF	1/8" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.45	0.11
		For >500, Deduct	*-0.05*	
05 15 16 00-0082	LF	5/32" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.52	0.12
		For >500, Deduct	*-0.06*	
05 15 16 00-0083	LF	3/16" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.63	0.12
		For >500, Deduct	*-0.08*	
05 15 16 00-0084		**7x19, Galvanized Finish, Aircraft Cable** *(05 15 16)*		
05 15 16 00-0085	LF	1/8" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.62	0.11
		For >500, Deduct	*-0.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0086	LF	5/32" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.67	0.12
		For >500, Deduct	*-0.09*	
05 15 16 00-0087	LF	3/16" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.77	0.12
		For >500, Deduct	*-0.11*	
05 15 16 00-0088	LF	1/4" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.90	0.12
		For >500, Deduct	*-0.14*	
05 15 16 00-0089	LF	5/16" Diameter, 7x19, Galvanized Finish, Aircraft Cable	1.37	0.12
		For >500, Deduct	*-0.21*	
05 15 16 00-0090	LF	3/8" Diameter, 7x19, Galvanized Finish, Aircraft Cable	1.83	0.12
		For >500, Deduct	*-0.27*	
05 15 16 00-0091		**Heavy-Duty, Galvanized Steel, Wire Rope Thimbles** *(05 15 16)*		
05 15 16 00-0092	EA	1/4" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble	15.96	3.76
05 15 16 00-0093	EA	5/16" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble	18.07	3.76
05 15 16 00-0094	EA	3/8" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble	20.41	3.76
05 15 16 00-0095	EA	7/16" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble	26.84	3.76
05 15 16 00-0096	EA	1/2" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble	26.87	3.76
05 15 16 00-0097	EA	9/16" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble	26.87	3.76
05 15 16 00-0098	EA	5/8" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble	29.05	3.76
05 15 16 00-0099	EA	3/4" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble	52.99	5.78
05 15 16 00-0100	EA	7/8" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble	62.56	7.02
05 15 16 00-0101	EA	1" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble	111.29	11.54
05 15 16 00-0102	EA	1-1/8" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble	159.68	15.69
05 15 16 00-0103	EA	1-1/4" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble	159.68	15.69
05 15 16 00-0104		**Galvanized Steel, Wire Rope Clips** *(05 15 16)*		
05 15 16 00-0105	EA	1/8" Diameter, Galvanized Steel, Wire Rope Clip	19.36	3.76
05 15 16 00-0106	EA	3/16" Diameter, Galvanized Steel, Wire Rope Clip	19.78	3.76
05 15 16 00-0107	EA	1/4" Diameter, Galvanized Steel, Wire Rope Clip	22.66	3.76
05 15 16 00-0108	EA	5/16" Diameter, Galvanized Steel, Wire Rope Clip	23.11	3.76
05 15 16 00-0109	EA	3/8" Diameter, Galvanized Steel, Wire Rope Clip	23.76	3.76
05 15 16 00-0110	EA	7/16" Diameter, Galvanized Steel, Wire Rope Clip	29.95	3.76
05 15 16 00-0111	EA	1/2" Diameter, Galvanized Steel, Wire Rope Clip	30.42	3.76
05 15 16 00-0112	EA	9/16" Diameter, Galvanized Steel, Wire Rope Clip	34.89	3.76
05 15 16 00-0113	EA	5/8" Diameter, Galvanized Steel, Wire Rope Clip	35.54	3.76
05 15 16 00-0114	EA	3/4" Diameter, Galvanized Steel, Wire Rope Clip	48.63	5.02
05 15 16 00-0115	EA	7/8" Diameter, Galvanized Steel, Wire Rope Clip	72.69	7.53
05 15 16 00-0116	EA	1" Diameter, Galvanized Steel, Wire Rope Clip	80.01	7.53
05 15 16 00-0117	EA	1-1/8" Diameter, Galvanized Steel, Wire Rope Clip	93.91	10.04
05 15 16 00-0118	EA	1-1/4" Diameter, Galvanized Steel, Wire Rope Clip	136.40	15.06
05 15 16 00-0119		**Steel, Open Swage Sockets** *(05 15 16)*		
05 15 16 00-0120	EA	1/4" Diameter, Steel, Open Swage Socket	105.50	3.76
05 15 16 00-0121	EA	5/16" Diameter, Steel, Open Swage Socket	168.35	3.76
05 15 16 00-0122	EA	3/8" Diameter, Steel, Open Swage Socket	173.31	5.02
05 15 16 00-0123	EA	7/16" Diameter, Steel, Open Swage Socket	206.03	6.27
05 15 16 00-0124	EA	1/2" Diameter, Steel, Open Swage Socket	206.03	6.27
05 15 16 00-0125	EA	9/16" Diameter, Steel, Open Swage Socket	301.13	13.81
05 15 16 00-0126	EA	5/8" Diameter, Steel, Open Swage Socket	301.13	13.81
05 15 16 00-0127	EA	3/4" Diameter, Steel, Open Swage Socket	384.26	26.35
05 15 16 00-0128	EA	7/8" Diameter, Steel, Open Swage Socket	517.12	37.65
05 15 16 00-0129	EA	1" Diameter, Steel, Open Swage Socket	727.64	57.73
05 15 16 00-0130	EA	1-1/8" Diameter, Steel, Open Swage Socket	954.59	90.36
05 15 16 00-0131	EA	1-1/4" Diameter, Steel, Open Swage Socket	1,111.41	104.16
05 15 16 00-0132		**Steel, Closed Swage Sockets** *(05 15 16)*		
05 15 16 00-0133	EA	1/4" Diameter, Steel, Closed Swage Socket	84.82	3.76
05 15 16 00-0134	EA	5/16" Diameter, Steel, Closed Swage Socket	114.90	3.76
05 15 16 00-0135	EA	3/8" Diameter, Steel, Closed Swage Socket	114.90	3.76
05 15 16 00-0136	EA	7/16" Diameter, Steel, Closed Swage Socket	143.19	5.02
05 15 16 00-0137	EA	1/2" Diameter, Steel, Closed Swage Socket	144.57	5.02
05 15 16 00-0138	EA	9/16" Diameter, Steel, Closed Swage Socket	198.20	8.79
05 15 16 00-0139	EA	5/8" Diameter, Steel, Closed Swage Socket	204.17	10.04
05 15 16 00-0140	EA	3/4" Diameter, Steel, Closed Swage Socket	252.32	16.31
05 15 16 00-0141	EA	7/8" Diameter, Steel, Closed Swage Socket	325.97	23.84
05 15 16 00-0142	EA	1" Diameter, Steel, Closed Swage Socket	466.25	32.63
05 15 16 00-0143	EA	1-1/8" Diameter, Steel, Closed Swage Socket	577.61	45.18
05 15 16 00-0144	EA	1-1/4" Diameter, Steel, Closed Swage Socket	782.40	70.28
05 15 16 00-0145		**Galvanized Steel, Open Spelter Sockets** *(05 15 16)*		
05 15 16 00-0146	EA	1/4" Galvanized Steel, Open Spelter Socket	176.80	3.76
05 15 16 00-0147	EA	5/16" Galvanized Steel, Open Spelter Socket	181.30	3.76
05 15 16 00-0148	EA	3/8" Galvanized Steel, Open Spelter Socket	181.30	3.76
05 15 16 00-0149	EA	7/16" Galvanized Steel, Open Spelter Socket	202.34	7.53
05 15 16 00-0150	EA	1/2" Galvanized Steel, Open Spelter Socket	202.34	7.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0151	EA	9/16" Galvanized Steel, Open Spelter Socket	265.14	12.55
05 15 16 00-0152	EA	5/8" Galvanized Steel, Open Spelter Socket	265.14	12.55
05 15 16 00-0153	EA	3/4" Galvanized Steel, Open Spelter Socket	335.50	18.82
05 15 16 00-0154	EA	7/8" Galvanized Steel, Open Spelter Socket	501.70	31.37
05 15 16 00-0155	EA	1" Galvanized Steel, Open Spelter Socket	913.13	48.94
05 15 16 00-0156	EA	1-1/8" Galvanized Steel, Open Spelter Socket	1,071.57	79.06
05 15 16 00-0157	EA	1-1/4" Galvanized Steel, Open Spelter Socket	1,448.54	104.16
05 15 16 00-0158		**Galvanized Steel, Closed Spelter Sockets** *(05 15 16)*		
05 15 16 00-0159	EA	1/4" Galvanized Steel, Closed Spelter Socket	148.19	3.76
05 15 16 00-0160	EA	5/16" Galvanized Steel, Closed Spelter Socket	148.78	3.76
05 15 16 00-0161	EA	3/8" Galvanized Steel, Closed Spelter Socket	148.78	3.76
05 15 16 00-0162	EA	7/16" Galvanized Steel, Closed Spelter Socket	166.56	6.27
05 15 16 00-0163	EA	1/2" Galvanized Steel, Closed Spelter Socket	166.56	6.27
05 15 16 00-0164	EA	9/16" Galvanized Steel, Closed Spelter Socket	232.86	11.29
05 15 16 00-0165	EA	5/8" Galvanized Steel, Closed Spelter Socket	232.86	11.29
05 15 16 00-0166	EA	3/4" Galvanized Steel, Closed Spelter Socket	285.30	16.31
05 15 16 00-0167	EA	7/8" Galvanized Steel, Closed Spelter Socket	416.47	25.10
05 15 16 00-0168	EA	1" Galvanized Steel, Closed Spelter Socket	628.83	38.90
05 15 16 00-0169	EA	1-1/8" Galvanized Steel, Closed Spelter Socket	823.13	52.71
05 15 16 00-0170	EA	1-1/4" Galvanized Steel, Closed Spelter Socket	1,036.72	70.28
05 15 16 00-0171		**Forged Steel, Jaw And Jaw Turnbuckles** *(05 15 16)*		
05 15 16 00-0172	EA	1/4" x 4", Forged Steel, Jaw And Jaw Turnbuckle	101.82	3.76
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-13.39*	
05 15 16 00-0173	EA	5/16" x 4-1/2", Forged Steel, Jaw And Jaw Turnbuckle	109.25	3.76
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-14.51*	
05 15 16 00-0174	EA	3/8" x 6", Forged Steel, Jaw And Jaw Turnbuckle	123.00	3.76
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-16.57*	
05 15 16 00-0175	EA	1/2" x 6", Forged Steel, Jaw And Jaw Turnbuckle	136.00	5.02
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-17.24*	
05 15 16 00-0176	EA	1/2" x 9", Forged Steel, Jaw And Jaw Turnbuckle	179.06	6.27
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-22.94*	
05 15 16 00-0177	EA	1/2" x 12", Forged Steel, Jaw And Jaw Turnbuckle	203.39	7.53
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-25.97*	
05 15 16 00-0178	EA	5/8" x 6", Forged Steel, Jaw And Jaw Turnbuckle	206.65	10.04
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-25.20*	
05 15 16 00-0179	EA	5/8" x 9", Forged Steel, Jaw And Jaw Turnbuckle	255.97	10.04
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-32.12*	
05 15 16 00-0180	EA	5/8" x 12", Forged Steel, Jaw And Jaw Turnbuckle	290.77	11.29
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-36.89*	
05 15 16 00-0181	EA	3/4" x 6", Forged Steel, Jaw And Jaw Turnbuckle	278.58	13.81
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-33.78*	
05 15 16 00-0182	EA	3/4" x 9", Forged Steel, Jaw And Jaw Turnbuckle	316.86	16.31
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-37.62*	
05 15 16 00-0183	EA	3/4" x 12", Forged Steel, Jaw And Jaw Turnbuckle	391.84	17.57
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-48.02*	
05 15 16 00-0184	EA	3/4" x 18", Forged Steel, Jaw And Jaw Turnbuckle	471.38	21.34
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-57.73*	
05 15 16 00-0185	EA	7/8" x 12", Forged Steel, Jaw And Jaw Turnbuckle	535.38	30.12
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-62.38*	
05 15 16 00-0186	EA	7/8" x 18", Forged Steel, Jaw And Jaw Turnbuckle	649.68	35.14
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-76.54*	
05 15 16 00-0187	EA	1" x 6", Forged Steel, Jaw And Jaw Turnbuckle	556.42	30.12
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-65.54*	
05 15 16 00-0188	EA	1" x 12", Forged Steel, Jaw And Jaw Turnbuckle	635.55	38.90
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-71.80*	
05 15 16 00-0189	EA	1" x 18", Forged Steel, Jaw And Jaw Turnbuckle	872.68	48.94
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-101.94*	
05 15 16 00-0190	EA	1" x 24", Forged Steel, Jaw And Jaw Turnbuckle	975.20	57.73
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-112.05*	
05 15 16 00-0191	EA	1-1/4" x 12", Forged Steel, Jaw And Jaw Turnbuckle	1,085.27	70.28
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-120.96*	
05 15 16 00-0192	EA	1-1/4" x 18", Forged Steel, Jaw And Jaw Turnbuckle	1,311.60	79.06
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-149.68*	
05 15 16 00-0193	EA	1-1/4" x 24", Forged Steel, Jaw And Jaw Turnbuckle	1,701.63	90.36
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-201.46*	
05 15 16 00-0194	EA	1-1/2" x 12", Forged Steel, Jaw And Jaw Turnbuckle	1,680.65	96.63
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-194.18*	
05 15 16 00-0195	EA	1-1/2" x 18", Forged Steel, Jaw And Jaw Turnbuckle	1,845.05	125.49
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-201.46*	
05 15 16 00-0196	EA	1-1/2" x 24", Forged Steel, Jaw And Jaw Turnbuckle	3,337.89	163.14
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-406.56*	
05 15 16 00-0197	EA	2" x 24", Forged Steel, Jaw And Jaw Turnbuckle	5,462.13	313.73
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-631.08*	
05 15 16 00-0198		**Galvanized Steel, Drop Forged, Shoulder Eye Bolts** *(05 15 16)*		
05 15 16 00-0199	EA	1/4" Diameter Thread, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	19.97	
05 15 16 00-0200	EA	5/16" Diameter Thread, 7/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	20.07	
05 15 16 00-0201	EA	3/8" Diameter Thread, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	22.87	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0202	EA	7/16" Diameter Thread, 1-3/32" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	27.41	
05 15 16 00-0203	EA	1/2" Diameter Thread, 1-3/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	27.28	
05 15 16 00-0204	EA	5/8" Diameter Thread, 1-3/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	37.84	
05 15 16 00-0205	EA	3/4" Diameter Thread, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	45.96	
05 15 16 00-0206	EA	7/8" Diameter Thread, 1-11/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	62.71	
05 15 16 00-0207	EA	1" Diameter Thread, 1-13/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	85.07	
05 15 16 00-0208	EA	1-1/8" Diameter Thread, 2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	124.77	
05 15 16 00-0209	EA	1-1/4" Diameter Thread, 2-3/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	148.73	
05 15 16 00-0210	EA	1-1/2" Diameter Thread, 2-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	272.85	
05 15 16 00-0211	EA	1-3/4" Diameter Thread, 2-7/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	313.17	
05 15 16 00-0212	EA	2" Diameter Thread, 3-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	387.97	

05 15 16 00-0213 Galvanized Steel, Drop Forged, Eye Bolts *(05 15 16)*

05 15 16 00-0214	EA	1/4" Diameter Thread, 3" Shank Length, 1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	26.82	
05 15 16 00-0215	EA	1/4" Diameter Thread, 4" Shank Length, 1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	23.95	
05 15 16 00-0216	EA	5/16" Diameter Thread, 2-1/4" Shank Length, 5/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	33.29	
05 15 16 00-0217	EA	5/16" Diameter Thread, 4-1/4" Shank Length, 5/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	21.62	
05 15 16 00-0218	EA	3/8" Diameter Thread, 2-1/2" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	29.98	
05 15 16 00-0219	EA	3/8" Diameter Thread, 3" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	46.22	
05 15 16 00-0220	EA	3/8" Diameter Thread, 4" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	44.68	
05 15 16 00-0221	EA	3/8" Diameter Thread, 4-1/2" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	42.36	
05 15 16 00-0222	EA	3/8" Diameter Thread, 5" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	37.75	
05 15 16 00-0223	EA	3/8" Diameter Thread, 6" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	39.00	
05 15 16 00-0224	EA	1/2" Diameter Thread, 2" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	34.11	
05 15 16 00-0225	EA	1/2" Diameter Thread, 3" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	26.69	
05 15 16 00-0226	EA	1/2" Diameter Thread, 3-1/4" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	35.46	
05 15 16 00-0227	EA	1/2" Diameter Thread, 4" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	49.20	
05 15 16 00-0228	EA	1/2" Diameter Thread, 4-1/2" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	36.79	
05 15 16 00-0229	EA	1/2" Diameter Thread, 6" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	60.59	
05 15 16 00-0230	EA	1/2" Diameter Thread, 8" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	52.99	
05 15 16 00-0231	EA	1/2" Diameter Thread, 10" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	48.08	
05 15 16 00-0232	EA	1/2" Diameter Thread, 12" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	57.00	
05 15 16 00-0233	EA	5/8" Diameter Thread, 4" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	57.77	
05 15 16 00-0234	EA	5/8" Diameter Thread, 4-1/2" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	51.15	
05 15 16 00-0235	EA	5/8" Diameter Thread, 6" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	64.98	
05 15 16 00-0236	EA	5/8" Diameter Thread, 8" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	74.83	
05 15 16 00-0237	EA	5/8" Diameter Thread, 10" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	86.67	
05 15 16 00-0238	EA	5/8" Diameter Thread, 12" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	71.11	
05 15 16 00-0239	EA	3/4" Diameter Thread, 4-1/2" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	71.24	
05 15 16 00-0240	EA	3/4" Diameter Thread, 6" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	72.66	
05 15 16 00-0241	EA	3/4" Diameter Thread, 8" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	80.54	
05 15 16 00-0242	EA	3/4" Diameter Thread, 10" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	87.03	
05 15 16 00-0243	EA	3/4" Diameter Thread, 12" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	102.19	
05 15 16 00-0244	EA	1" Diameter Thread, 8" Shank Length, 2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	136.01	

05 15 19 Stainless Steel Wire Rope Assemblies *(05 15)*

05 15 19 00-0001 7x7, 304 Stainless Steel, Aircraft Cable *(05 15 19)*

05 15 19 00-0002	LF	1/16" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.31	0.09
		For >500, Deduct	*-0.04*	
05 15 19 00-0003	LF	3/32" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.39	0.10
		For >500, Deduct	*-0.05*	
05 15 19 00-0004	LF	1/8" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.50	0.11
		For >500, Deduct	*-0.06*	
05 15 19 00-0005	LF	5/32" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.65	0.12
		For >500, Deduct	*-0.09*	
05 15 19 00-0006	LF	3/16" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.80	0.12
		For >500, Deduct	*-0.11*	

05 15 19 00-0007 7x19, 304 Stainless Steel, Aircraft Cable *(05 15 19)*

05 15 19 00-0008	LF	1/8" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.56	0.11
		For >500, Deduct	*-0.08*	
05 15 19 00-0009	LF	5/32" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.65	0.12
		For >500, Deduct	*-0.09*	
05 15 19 00-0010	LF	3/16" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.76	0.12
		For >500, Deduct	*-0.11*	
05 15 19 00-0011	LF	1/4" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.95	0.12
		For >500, Deduct	*-0.15*	
05 15 19 00-0012	LF	5/16" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	1.45	0.12
		For >500, Deduct	*-0.22*	
05 15 19 00-0013	LF	3/8" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	2.17	0.25
		For >500, Deduct	*-0.34*	

05 15 19 00-0014 7x7, 316 Stainless Steel, Aircraft Cable *(05 15 19)*

05 15 19 00-0015	LF	1/16" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.31	0.09
		For >500, Deduct	*-0.04*	
05 15 19 00-0016	LF	3/32" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.39	0.10
		For >500, Deduct	*-0.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 19 00-0017	LF	1/8" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.50	0.11
		For >500, Deduct	*-0.06*	
05 15 19 00-0018	LF	5/32" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.65	0.12
		For >500, Deduct	*-0.09*	
05 15 19 00-0019	LF	3/16" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.80	0.12
		For >500, Deduct	*-0.11*	

05 15 19 00-0020 7x19, 316 Stainless Steel, Aircraft Cable *(05 15 19)*

05 15 19 00-0021	LF	1/8" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.56	0.11
		For >500, Deduct	*-0.08*	
05 15 19 00-0022	LF	5/32" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.65	0.12
		For >500, Deduct	*-0.09*	
05 15 19 00-0023	LF	3/16" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.76	0.12
		For >500, Deduct	*-0.11*	
05 15 19 00-0024	LF	1/4" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.95	0.12
		For >500, Deduct	*-0.15*	
05 15 19 00-0025	LF	5/16" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	1.45	0.12
		For >500, Deduct	*-0.22*	
05 15 19 00-0026	LF	3/8" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	2.17	0.12
		For >500, Deduct	*-0.34*	

05 40 Cold-Formed Metal Framing *(05)*

Note: Includes all connecting bolts and welds.

05 41 Structural Metal Stud Framing *(05 40)*

Note: Includes studs, bridging, fasteners, and metal stiffener at half height. Do not deduct for openings of less than 25 SF.

05 41 00 00-0001 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners Assemblies *(05 41)*

05 41 00 00-0002	SF	2-1/2" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners Assembly	6.24	0.96
		For Walls >10' High, Add	*1.25*	
		For Curved Wall, Add	*0.67*	
		For Up To 200, Add	*1.69*	
		For >200 To 500, Add	*0.85*	
		For 12" On Center, Add	*1.14*	
		For 24" On Center, Deduct	*-1.14*	
05 41 00 00-0003	SF	3-5/8" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners Assembly	7.05	0.96
		For Walls >10' High, Add	*1.41*	
		For Curved Wall, Add	*0.71*	
		For Up To 200, Add	*1.88*	
		For >200 To 500, Add	*0.94*	
		For 12" On Center, Add	*1.29*	
		For 24" On Center, Deduct	*-1.29*	
05 41 00 00-0004	SF	4" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners Assembly	7.36	0.96
		For Walls >10' High, Add	*1.47*	
		For Curved Wall, Add	*0.74*	
		For Up To 200, Add	*1.96*	
		For >200 To 500, Add	*0.98*	
		For 12" On Center, Add	*1.35*	
		For 24" On Center, Deduct	*-1.35*	
05 41 00 00-0005	SF	6" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners Assembly	9.64	1.07
		For Walls >10' High, Add	*1.93*	
		For Curved Wall, Add	*0.77*	
		For Up To 200, Add	*2.44*	
		For >200 To 500, Add	*1.22*	
		For 12" On Center, Add	*1.80*	
		For 24" On Center, Deduct	*-1.80*	
05 41 00 00-0006	SF	8" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners Assembly	10.87	1.17
		For Walls >10' High, Add	*2.17*	
		For Curved Wall, Add	*0.80*	
		For Up To 200, Add	*2.71*	
		For >200 To 500, Add	*1.35*	
		For 12" On Center, Add	*2.04*	
		For 24" On Center, Deduct	*-2.04*	

05 41 00 00-0007 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners Assemblies *(05 41)*

05 41 00 00-0008	SF	2-1/2" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners Assembly	6.73	0.96
		For Walls >10' High, Add	*1.35*	
		For Curved Wall, Add	*0.71*	
		For Up To 200, Add	*1.82*	
		For >200 To 500, Add	*0.91*	
		For 12" On Center, Add	*1.23*	
		For 24" On Center, Deduct	*-1.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 41 00 00-0009	SF	3-5/8" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners Assembly	7.92	0.97
		For Walls >10' High, Add	*1.58*	
		For Curved Wall, Add	*0.74*	
		For Up To 200, Add	*2.08*	
		For >200 To 500, Add	*1.04*	
		For 12" On Center, Add	*1.46*	
		For 24" On Center, Deduct	*-1.46*	
05 41 00 00-0010	SF	4" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners Assembly	8.37	0.97
		For Walls >10' High, Add	*1.67*	
		For Curved Wall, Add	*0.77*	
		For Up To 200, Add	*2.19*	
		For >200 To 500, Add	*1.09*	
		For 12" On Center, Add	*1.55*	
		For 24" On Center, Deduct	*-1.55*	
05 41 00 00-0011	SF	6" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners Assembly	10.88	1.17
		For Walls >10' High, Add	*2.18*	
		For Curved Wall, Add	*0.81*	
		For Up To 200, Add	*2.71*	
		For >200 To 500, Add	*1.36*	
		For 12" On Center, Add	*2.04*	
		For 24" On Center, Deduct	*-2.04*	
05 41 00 00-0012	SF	8" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners Assembly	12.08	1.28
		For Walls >10' High, Add	*2.42*	
		For Curved Wall, Add	*0.85*	
		For Up To 200, Add	*2.98*	
		For >200 To 500, Add	*1.49*	
		For 12" On Center, Add	*2.27*	
		For 24" On Center, Deduct	*-2.27*	

05 41 00 00-0013 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners Assemblies *(05 41)*

05 41 00 00-0014	SF	3-5/8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners Assembly	9.40	1.33
		For Walls >10' High, Add	*1.88*	
		For Curved Wall, Add	*0.89*	
		For Up To 200, Add	*2.47*	
		For >200 To 500, Add	*1.24*	
		For 12" On Center, Add	*1.73*	
		For 24" On Center, Deduct	*-1.73*	
05 41 00 00-0015	SF	4" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners Assembly	9.69	1.35
		For Walls >10' High, Add	*1.94*	
		For Curved Wall, Add	*0.91*	
		For Up To 200, Add	*2.54*	
		For >200 To 500, Add	*1.27*	
		For 12" On Center, Add	*1.79*	
		For 24" On Center, Deduct	*-1.79*	
05 41 00 00-0016	SF	6" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners Assembly	12.46	1.43
		For Walls >10' High, Add	*2.49*	
		For Curved Wall, Add	*0.95*	
		For Up To 200, Add	*3.12*	
		For >200 To 500, Add	*1.56*	
		For 12" On Center, Add	*2.33*	
		For 24" On Center, Deduct	*-2.33*	
05 41 00 00-0017	SF	8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners Assembly	13.77	1.49
		For Walls >10' High, Add	*2.75*	
		For Curved Wall, Add	*0.99*	
		For Up To 200, Add	*3.42*	
		For >200 To 500, Add	*1.71*	
		For 12" On Center, Add	*2.59*	
		For 24" On Center, Deduct	*-2.59*	

05 43 Slotted Channel Framing *(05 40)*

05 43 00 00-0001 Metal Framing Channel *(05 43)*

Note: Excludes fasteners and accessories.

05 43 00 00-0002 Steel Unistrut Channel *(05 43 00 00-0001)*

05 43 00 00-0003	LF	1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	14.05	2.83
		For Powder Coating, Add	*1.26*	
		For Galvanizing, Add	*1.42*	
05 43 00 00-0004	LF	1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	14.46	2.83
		For Powder Coating, Add	*1.32*	
		For Galvanizing, Add	*1.49*	
05 43 00 00-0005	LF	1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	15.08	2.83
		For Powder Coating, Add	*1.41*	
		For Galvanizing, Add	*1.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 43 00 00-0006	LF	1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	13.24	2.83
		For Powder Coating, Add	*1.14*	
		For Galvanizing, Add	*1.29*	
05 43 00 00-0007	LF	1-5/8" Wide x 13/16" High, 14 Gauge, Steel Unistrut Channel	11.46	2.83
		For Powder Coating, Add	*0.87*	
		For Galvanizing, Add	*0.98*	
05 43 00 00-0008		Stainless Steel Unistrut Channel *(05 43 00 00-0001)*		
05 43 00 00-0009		304 Stainless Steel Unistrut Channel *(05 43 00 00-0008)*		
05 43 00 00-0010	LF	1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	23.17	2.83
05 43 00 00-0011	LF	1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	27.44	2.83
05 43 00 00-0012	LF	1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	26.38	2.83
05 43 00 00-0013	LF	1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	32.98	2.83
05 43 00 00-0014		316 Stainless Steel Unistrut Channel *(05 43 00 00-0008)*		
05 43 00 00-0015	LF	1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel	37.03	2.83
05 43 00 00-0016		Aluminum Unistrut Channel *(05 43 00 00-0001)*		
05 43 00 00-0017	LF	1-5/8" Wide x 1-5/8" High, 12 Gauge, Aluminum Unistrut Channel	13.91	2.83
05 43 00 00-0018	LF	1-5/8" Wide x 13/16" High, 14 Gauge, Aluminum Unistrut Channel	10.65	2.83
05 43 00 00-0019		Metal Framing Channel Fittings *(05 43)*		
05 43 00 00-0020		Unistrut Closure Strips *(05 43 00 00-0019)*		
05 43 00 00-0021	LF	Steel Raceway Closure Strip For Unistrut Channel	9.14	0.62
05 43 00 00-0022		Lock Nuts With Spring For Unistrut Channel *(05 43 00 00-0019)*		
		Note: Includes hex bolt.		
05 43 00 00-0023		Steel Lock Nuts With Spring For Unistrut Channel *(05 43 00 00-0022)*		
		Note: Includes hex bolt.		
05 43 00 00-0024	EA	1/4-20, Steel Lock Nut With Spring For Unistrut Channel	9.32	
05 43 00 00-0025	EA	3/8-16, Steel Lock Nut With Spring For Unistrut Channel	10.40	
05 43 00 00-0026	EA	1/2-13, Steel Lock Nut With Spring For Unistrut Channel	11.21	
05 43 00 00-0027	EA	5/8-11, Steel Lock Nut With Spring For Unistrut Channel	15.59	
05 43 00 00-0028		Stainless Steel Lock Nuts With Spring For Unistrut Channel *(05 43 00 00-0022)*		
		Note: Includes hex bolt.		
05 43 00 00-0029	EA	1/4-20, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	14.50	
05 43 00 00-0030	EA	3/8-16, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	15.51	
05 43 00 00-0031	EA	1/2-13, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	21.35	
05 43 00 00-0032	EA	5/8-11, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	33.48	
05 43 00 00-0033		Lock Nuts Without Spring For Unistrut Channel *(05 43 00 00-0019)*		
		Note: Includes hex bolt.		
05 43 00 00-0034		Steel Lock Nuts Without Spring For Unistrut Channel *(05 43 00 00-0033)*		
		Note: Includes hex bolt.		
05 43 00 00-0035	EA	1/4-20, Steel Lock Nut Without Spring For Unistrut Channel	9.35	
05 43 00 00-0036	EA	3/8-16, Steel Lock Nut Without Spring For Unistrut Channel	10.55	
05 43 00 00-0037	EA	1/2-13, Steel Lock Nut Without Spring For Unistrut Channel	11.27	
05 43 00 00-0038	EA	5/8-11, Steel Lock Nut Without Spring For Unistrut Channel	16.85	
05 43 00 00-0039		Stainless Steel Lock Nuts Without Spring For Unistrut Channel *(05 43 00 00-0033)*		
		Note: Includes hex bolt.		
05 43 00 00-0040	EA	1/4-20, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	11.05	
05 43 00 00-0041	EA	3/8-16, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	13.08	
05 43 00 00-0042	EA	1/2-13, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	14.48	
05 43 00 00-0043	EA	5/8-11, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	32.67	
05 43 00 00-0044		Beam Clamp For Unistrut Channel *(05 43 00 00-0019)*		
05 43 00 00-0045	EA	1-5/8" Channel, P2675 Unistrut Beam Clamp	25.15	9.41
05 43 00 00-0046	EA	1-5/8" Channel, P2676 Unistrut Beam Clamp	31.05	9.41
05 43 00 00-0047	EA	Add For Unistrut Swivel Nut, P2676	3.21	
05 43 00 00-0048		Beam Clamp Clevis Hangers For Unistrut Channel *(05 43 00 00-0019)*		
05 43 00 00-0049	EA	Up To 3/8" Rod, Beam Clamp Clevis Hanger (Unistrut P2674)	27.20	9.41
05 43 00 00-0050	EA	Up To 1/2" Rod, Beam Clamp Clevis Hanger (Unistrut P2677)	31.89	9.41
05 43 00 00-0051	EA	Add For Unistrut Swivel Nut	3.21	
05 43 00 00-0052	EA	6-Hole Electrogalvanized Steel Shelf Bracket For Unistrut	191.86	12.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 43 00 00-0053		Bases For Unistrut Channel *(05 43 00 00-0019)*		
05 43 00 00-0054		Accessories For Unistrut Channel *(05 43 00 00-0053)*		
05 43 00 00-0055	EA	Trolley Truck Hanger, 1-5/8" Channel P1834	63.71	9.41
05 43 00 00-0056	EA	Flat Plate Fitting, One Hole, 1-5/8" Channel P1064	16.29	6.27
05 43 00 00-0057	EA	60 Degree Angle, 1-5/8" Channel P2097	17.04	6.27
05 43 00 00-0058		Steel Bases For Unistrut Channel *(05 43 00 00-0053)*		
		Note: Includes straight or angled post mounting and fasteners.		
05 43 00 00-0059	EA	6" x 6", 1-5/8" Height, Single Post, Steel Base For Unistrut Channel	122.37	31.37
05 43 00 00-0060	EA	6" x 6", 3-1/2" Height, Single Post, Steel Base For Unistrut Channel	123.95	31.37
05 43 00 00-0061	EA	6" x 6", 1-5/8" Height, Double Post, Steel Base For Unistrut Channel	177.11	31.37
05 43 00 00-0062	EA	6" x 6", 3-1/2" Height, Double Post, Steel Base For Unistrut Channel	146.02	31.37
05 43 00 00-0063		Stainless Steel Bases For Unistrut Channel *(05 43 00 00-0053)*		
		Note: Includes straight or angled post mounting and fasteners.		
05 43 00 00-0064	EA	6" x 6", 1-5/8" Height, Single Post, 304 Stainless Steel Base For Unistrut Channel	243.78	31.37
05 43 00 00-0065	EA	6" x 6", 3-1/2" Height, Single Post, 304 Stainless Steel Base For Unistrut Channel	442.03	31.37
05 43 00 00-0066	EA	6" x 6", 3-1/2" Height, Double Post, 304 Stainless Steel Base For Unistrut Channel	335.65	31.37
05 43 00 00-0067	EA	6" x 6", 1-5/8" Height, Single Post, 316 Stainless Steel Base For Unistrut Channel	496.24	31.37
05 43 00 00-0068	EA	6" x 6", 3-1/2" Height, Double Post, 316 Stainless Steel Base For Unistrut Channel	433.71	31.37

05 45 Metal Support Assemblies *(05 40)*

05 45 13 Mechanical Metal Supports *(05 45)*

See CSI section 23 05 29 00-0000 for metal supports.

05 45 16 Electrical Metal Supports *(05 45)*

See CSI section 26 05 29 00-0000 for metal supports.

05 50 Metal Fabrications *(05)*

05 51 Metal Stairs *(05 50)*

05 51 13 Metal Pan Stairs *(05 51)*

Note: Open concrete filled metal pan stair and landing including steel stringer, safety nosing and concrete. Excludes handrail.
See CSI section 05 52 13 00-0000 for handrails.

05 51 13 00-0001		Open Concrete Filled Metal Pan Stair And Landing *(05 51 13)*		
		Note: Includes steel stringer, safety nosing and concrete. Excludes handrail.		
05 51 13 00-0002	RSR	3'-6" Wide Open Concrete Filled Metal Pan Tread Stair	947.95	36.60
		For Closed Riser, Add	*108.74*	
05 51 13 00-0003	RSR	4'-0" Wide Open Concrete Filled Metal Pan Tread Stair	1,077.76	42.70
		For Closed Riser, Add	*123.47*	
05 51 13 00-0004	RSR	5'-0" Wide Open Concrete Filled Metal Pan Tread Stair	1,201.76	50.03
		For Closed Riser, Add	*137.35*	
05 51 13 00-0005	SF	Concrete Filled Steel Pan Landing	82.53	6.10
		Note: Conventional shape.		

05 51 19 Metal Grating Stairs *(05 51)*

Note: Open steel grating tread metal stair and landing including steel stringers, safety nosing and 2 pipe handrail.

05 51 19 00-0001		Open Steel Grating Tread Metal Stair And Landing *(05 51 19)*		
		Note: Includes steel stringers, safety nosing and 2 pipe handrail.		
05 51 19 00-0002	RSR	3'-6" Wide Open Steel Grating Tread Metal Stair	467.58	48.81
		For Closed Riser, Add	*55.42*	
		For Galvanized Steel, Add	*92.49*	
05 51 19 00-0003	RSR	4'-0" Wide Open Steel Grating Tread Metal Stair	499.84	56.12
		For Closed Riser, Add	*58.81*	
		For Galvanized Steel, Add	*96.90*	
05 51 19 00-0004	RSR	5'-0" Wide Open Steel Grating Tread Metal Stair	554.59	65.89
		For Closed Riser, Add	*64.85*	
		For Galvanized Steel, Add	*105.71*	
05 51 19 00-0005	SF	Steel Grating Landing With Framing And 2 Pipe Handrail	87.83	6.10
		Note: Conventional shape.		
		For Galvanized Steel, Add	*15.86*	

05 51 33 Metal Ladders *(05 51)*

Note: Includes factory prime.

05 51 33 13 Vertical Metal Ladders *(05 51 33)*

05 51 33 13-0001		Vertical Ladders *(05 51 33 13)*		
		Note: Climbing rungs are 3/4" corrugated steel round rungs on 12" centers. Stand-off brackets are 7"		
05 51 33 13-0002	VLF	20" Wide Fixed Vertical Steel Ladder Primed	100.92	14.64
		For Galvanized Steel, Add	*13.75*	
		For Aluminum, Add	*27.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 51 33 13-0003	VLF	24" Wide Fixed Vertical Steel Ladder Primed	114.86	14.64
		For Galvanized Steel, Add	*17.23*	
		For Aluminum, Add	*34.47*	
05 51 33 13-0004	VLF	20" Wide Fixed Vertical Steel Caged Ladder Primed	237.53	24.41
		For Galvanized Steel, Add	*39.94*	
		For Aluminum, Add	*79.88*	
05 51 33 13-0005	VLF	24" Wide Fixed Vertical Steel Caged Ladder Primed	265.39	24.41
		For Galvanized Steel, Add	*46.91*	
		For Aluminum, Add	*93.81*	
05 51 33 13-0006		**Vertical Ladders Options** *(05 51 33 13)*		
05 51 33 13-0007	EA	20" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed Note: Extends 42" above landing surface. Includes mounting bracket.	396.08	45.76
		For Galvanized Steel, Add	*76.14*	
		For Aluminum, Add	*152.29*	
05 51 33 13-0008	EA	24" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed Note: Extends 42" above landing surface. Includes mounting bracket.	433.53	48.81
		For Galvanized Steel, Add	*83.98*	
		For Aluminum, Add	*167.96*	
05 51 33 13-0009	EA	Security Cage Entry Gate With Lockable Hasp	465.95	15.25
05 51 33 13-0010	EA	6' Powder Coated, Security Ladder Guard	1,264.68	91.51
05 51 33 13-0011	EA	8' Powder Coated, Security Ladder Guard	1,512.42	106.76
05 51 33 13-0012	EA	Safety Chain Attachment	230.44	
05 51 33 13-0013		**Welded Steel Ladder Cages** *(05 51 33 13)* Note: For existing fixed ladders up to 20" wide. Excludes the ladder.		
05 51 33 13-0014		**Powder Coated, Welded Steel Ladder Cages** *(05 51 33 13-0013)*		
05 51 33 13-0015	EA	7-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,155.13	183.02
05 51 33 13-0016	EA	8-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,339.02	189.12
05 51 33 13-0017	EA	9-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,485.59	195.22
05 51 33 13-0018	EA	10-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,642.12	201.32
05 51 33 13-0019	EA	11-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,733.94	207.43
05 51 33 13-0020	EA	12-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,882.99	213.53
05 51 33 13-0021	EA	13-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,014.64	219.62
05 51 33 13-0022	EA	14-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,186.09	225.72
05 51 33 13-0023	EA	15-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,352.57	231.82
05 51 33 13-0024	EA	16-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,489.18	237.92
05 51 33 13-0025	EA	17-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,655.66	244.03
05 51 33 13-0026	EA	18-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,817.16	250.13
05 51 33 13-0027	EA	19-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,976.16	256.23
05 51 33 13-0028	EA	20-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,264.56	262.33
05 51 33 13-0029	EA	21-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,351.42	268.42
05 51 33 13-0030	EA	22-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,500.48	274.53
05 51 33 13-0031	EA	23-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,637.10	280.63
05 51 33 13-0032	EA	24-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,763.76	286.73
05 51 33 13-0033	EA	25-1/2' Length, Powder Coated, Welded Steel Ladder Cage	5,044.69	292.83
05 51 33 13-0034	EA	26-1/2' Length, Powder Coated, Welded Steel Ladder Cage	5,196.25	298.93
05 51 33 13-0035	EA	27-1/2' Length, Powder Coated, Welded Steel Ladder Cage	5,337.83	305.04
05 51 33 13-0036		**Welded Stainless Steel Ladder Cages** *(05 51 33 13-0013)*		
05 51 33 13-0037	EA	7-1/2' Length, Welded Stainless Steel Ladder Cage	5,322.73	183.02
05 51 33 13-0038	EA	8-1/2' Length, Welded Stainless Steel Ladder Cage	5,685.78	189.12
05 51 33 13-0039	EA	9-1/2' Length, Welded Stainless Steel Ladder Cage	6,290.20	195.22
05 51 33 13-0040	EA	10-1/2' Length, Welded Stainless Steel Ladder Cage	6,588.56	201.32
05 51 33 13-0041	EA	11-1/2' Length, Welded Stainless Steel Ladder Cage	6,839.63	207.43
05 51 33 13-0042	EA	12-1/2' Length, Welded Stainless Steel Ladder Cage	7,172.82	213.53
05 51 33 13-0043	EA	13-1/2' Length, Welded Stainless Steel Ladder Cage	7,772.27	219.62
05 51 33 13-0044	EA	14-1/2' Length, Welded Stainless Steel Ladder Cage	8,075.60	225.72
05 51 33 13-0045	EA	15-1/2' Length, Welded Stainless Steel Ladder Cage	8,388.89	231.82
05 51 33 13-0046	EA	16-1/2' Length, Welded Stainless Steel Ladder Cage	8,732.03	237.92
05 51 33 13-0047	EA	17-1/2' Length, Welded Stainless Steel Ladder Cage	9,343.91	244.03
05 51 33 13-0048	EA	18-1/2' Length, Welded Stainless Steel Ladder Cage	9,649.74	250.13
05 51 33 13-0049	EA	19-1/2' Length, Welded Stainless Steel Ladder Cage	9,940.62	256.23
05 51 33 13-0050	EA	20-1/2' Length, Welded Stainless Steel Ladder Cage	10,423.11	262.33
05 51 33 13-0051	EA	21-1/2' Length, Welded Stainless Steel Ladder Cage	10,965.33	268.42
05 51 33 13-0052	EA	22-1/2' Length, Welded Stainless Steel Ladder Cage	11,266.17	274.53
05 51 33 13-0053	EA	23-1/2' Length, Welded Stainless Steel Ladder Cage	11,574.48	280.63
05 51 33 13-0054	EA	24-1/2' Length, Welded Stainless Steel Ladder Cage	11,862.88	286.73
05 51 33 13-0055	EA	25-1/2' Length, Welded Stainless Steel Ladder Cage	12,604.15	292.83
05 51 33 13-0056	EA	26-1/2' Length, Welded Stainless Steel Ladder Cage	12,892.56	298.93
05 51 33 13-0057	EA	27-1/2' Length, Welded Stainless Steel Ladder Cage	13,188.42	305.04
05 51 33 13-0058		**Vertical Ladder Fall Protection System** *(05 51 33 13)*		
05 51 33 13-0059	EA	For 20' Ladders, Vertical Ladder Fall Protection System With 5'-6" Galvanized Extension Post (MSA Latchways® 30914-00)	1,202.17	63.28
05 51 33 13-0060	EA	For 40' Ladders, Vertical Ladder Fall Protection System With 5'-6" Galvanized Extension Post (MSA Latchways® 30915-00)	1,325.30	69.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 51 33 13-0061	EA	For 60' Ladders, Vertical Ladder Fall Protection System With 5'-6" Galvanized Extension Post (MSA Latchways® 30916-00)	1,505.74	74.78
05 51 33 13-0062	EA	For 80' Ladders, Vertical Ladder Fall Protection System With 5'-6" Galvanized Extension Post (MSA Latchways® 30917-00)	1,686.92	80.54
05 51 33 13-0063	EA	For 100' Ladders, Vertical Ladder Fall Protection System With 5'-6" Galvanized Extension Post (MSA Latchways® 30918-00)	1,924.71	86.28
05 51 33 13-0064	EA	For 120' Ladders, Vertical Ladder Fall Protection System With 5'-6" Galvanized Extension Post (MSA Latchways® 30919-00)	2,110.62	92.04
05 51 33 13-0065	EA	For 140' Ladders, Vertical Ladder Fall Protection System With 5'-6" Galvanized Extension Post (MSA Latchways® 30920-00)	2,313.12	97.79
05 51 33 13-0066	EA	For 20' Ladders, Vertical Ladder Fall Protection System (MSA Latchways® 30924-00)	704.30	57.52
05 51 33 13-0067	EA	For 40' Ladders, Vertical Ladder Fall Protection System (MSA Latchways® 30925-00)	831.31	63.28
05 51 33 13-0068	EA	For 60' Ladders, Vertical Ladder Fall Protection System (MSA Latchways® 30906-00)	990.56	69.02
05 51 33 13-0069	EA	For 80' Ladders, Vertical Ladder Fall Protection System (MSA Latchways® 30907-00)	1,238.52	74.78
05 51 33 13-0070	EA	For 100' Ladders, Vertical Ladder Fall Protection System (MSA Latchways® 30908-00)	1,392.29	80.54
05 51 33 13-0071	EA	For 120' Ladders, Vertical Ladder Fall Protection System (MSA Latchways® 30909-00)	1,510.69	86.28
05 51 33 13-0072	EA	Ladder Latch Device For Vertical Ladder Fall Protection System (MSA Latchways® 3104L-00)	583.48	14.38

05 51 33 16 Inclined Metal Ladders *(05 51 33)*

05 51 33 16-0001 Industrial Ship Ladder, Incline Stairs *(05 51 33 16)*
Note: Includes factory prime.

05 51 33 16-0002	RSR	3' Wide Industrial Steel Ship Ladder With 2 Rails Each Side	343.45	61.01
		For Aluminum, Add	*110.72*	

05 51 33 23 Alternating Tread Ladders *(05 51 33)*

05 51 33 23-0001 Vertical Ladders With Alternating Tread *(05 51 33 23)*

05 51 33 23-0002	EA	4' Vertical Height Aluminum Alternating Tread Ladder	2,938.86	183.02
		For Stainless Steel, Add	*279.46*	
		For Primed Steel, Deduct	*-232.88*	
05 51 33 23-0003	EA	5' Vertical Height Aluminum Alternating Tread Ladder	3,374.84	194.00
		For Stainless Steel, Add	*340.51*	
		For Primed Steel, Deduct	*-265.60*	
05 51 33 23-0004	EA	6' Vertical Height Aluminum Alternating Tread Ladder	3,760.34	194.00
		For Stainless Steel, Add	*404.25*	
		For Primed Steel, Deduct	*-295.41*	
05 51 33 23-0005	EA	7' Vertical Height Aluminum Alternating Tread Ladder	4,279.57	243.78
		For Stainless Steel, Add	*467.93*	
		For Primed Steel, Deduct	*-320.62*	
05 51 33 23-0006	EA	8' Vertical Height Aluminum Alternating Tread Ladder	4,709.24	252.42
		For Stainless Steel, Add	*541.49*	
		For Primed Steel, Deduct	*-348.10*	
05 51 33 23-0007	EA	9' Vertical Height Aluminum Alternating Tread Ladder	5,049.87	252.42
		For Stainless Steel, Add	*610.22*	
		For Primed Steel, Deduct	*-368.24*	
05 51 33 23-0008	EA	10' Vertical Height Aluminum Alternating Tread Ladder	5,542.82	281.56
		For Stainless Steel, Add	*690.64*	
		For Primed Steel, Deduct	*-391.36*	
05 51 33 23-0009	EA	11' Vertical Height Aluminum Alternating Tread Ladder	5,924.46	281.56
		For Stainless Steel, Add	*772.81*	
		For Primed Steel, Deduct	*-411.34*	
05 51 33 23-0010	EA	12' Vertical Height Aluminum Alternating Tread Ladder	6,221.39	281.56
		For Stainless Steel, Add	*845.25*	
		For Primed Steel, Deduct	*-422.63*	

05 52 Metal Railings *(05 50)*

05 52 13 Pipe and Tube Railings *(05 52)*

Note: Includes embedded steel sleeves, grouting, connection bolts (where necessary) and drilling of bolt (where necessary).

05 52 13 00-0001 Welded Steel Pipe Railing *(05 52 13)*
Note: Includes field welds and touch-up of welds.

05 52 13 00-0002 One Rail, Up To 42" High, Welded Steel Pipe Railings *(05 52 13 00-0001)*
Note: Includes factory primed posts and one rail.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0003	LF	1" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	41.01	12.20
		For 11 Gauge A513 Steel Tubing, Deduct	*-3.65*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-4.15*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-5.48*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-6.47*	
		For Aluminum, Satin Finish, Add	*6.97*	
		For Aluminum, Clear Anodized Finish, Add	*10.79*	
		For Aluminum, Dark Anodized Finish, Add	*12.45*	
		For Galvanizing, Add	*6.64*	
		For Wrought Iron, Add	*4.10*	
		For Solid Steel Rails, Add	*8.20*	
		For 304 Stainless Steel, Add	*53.12*	
		For 316 Stainless Steel, Add	*59.76*	
		For 2" Wheel Guard, Add	*1.58*	
		For 4" High Kick Plate, Add	*2.08*	
		For 6" High Kick Plate, Add	*3.32*	
		For Curved Rail, Add	*17.28*	
		For Mounting On Stairs, Add	*12.30*	
		For Mounting On Slopes, Add	*4.10*	
		For Post Base Flange With Screws, Add Per Post	*19.94*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.16*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*14.40*	
		For Nylon Coating, Add	*2.49*	
		For Schedule 80 Handrail, Add	*5.09*	
		For ADA Handrail P-Loop End Return, Add Per Each	*84.66*	
		For Additional Off Set Handrail And Brackets, ADA Attachment, Add	*14.84*	
05 52 13 00-0004	LF	1-1/4" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	43.87	12.20
		For Schedule 80 Handrail, Add	*7.89*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-4.28*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-4.87*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-6.42*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-7.59*	
		For Aluminum, Satin Finish, Add	*8.17*	
		For Aluminum, Clear Anodized Finish, Add	*12.65*	
		For Aluminum, Dark Anodized Finish, Add	*14.60*	
		For Galvanizing, Add	*7.78*	
		For Wrought Iron, Add	*4.39*	
		For Solid Steel Rails, Add	*8.77*	
		For 304 Stainless Steel, Add	*62.27*	
		For 316 Stainless Steel, Add	*70.06*	
		For 2" Wheel Guard, Add	*1.85*	
		For 4" High Kick Plate, Add	*2.43*	
		For 6" High Kick Plate, Add	*3.89*	
		For Curved Rail, Add	*19.00*	
		For Mounting On Stairs, Add	*13.16*	
		For Mounting On Slopes, Add	*4.39*	
		For Post Base Flange With Screws, Add Per Post	*19.94*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.16*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*15.83*	
		For Nylon Coating, Add	*2.92*	
		For ADA Handrail P-Loop End Return, Add Per Each	*100.52*	
		For Additional Off Set Handrail And Brackets, ADA Attachment, Add	*16.56*	
05 52 13 00-0005	LF	1-1/2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	46.73	12.20
		For Schedule 80 Handrail, Add	*7.89*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-4.91*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-5.58*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-7.37*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-8.70*	
		For Aluminum, Satin Finish, Add	*9.37*	
		For Aluminum, Clear Anodized Finish, Add	*14.51*	
		For Aluminum, Dark Anodized Finish, Add	*16.74*	
		For Galvanizing, Add	*8.93*	
		For Wrought Iron, Add	*4.67*	
		For Solid Steel Rails, Add	*9.35*	
		For 304 Stainless Steel, Add	*71.42*	
		For 316 Stainless Steel, Add	*80.35*	
		For 2" Wheel Guard, Add	*2.12*	
		For 4" High Kick Plate, Add	*2.79*	
		For 6" High Kick Plate, Add	*4.46*	
		For Curved Rail, Add	*20.72*	
		For Mounting On Stairs, Add	*14.02*	
		For Mounting On Slopes, Add	*4.67*	
		For Post Base Flange With Screws, Add Per Post	*19.94*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.16*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*17.26*	
		For Nylon Coating, Add	*3.35*	
		For ADA Handrail P-Loop End Return, Add Per Each	*113.17*	
		For Additional Off Set Handrail And Brackets, ADA Attachment, Add	*18.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0006	LF	2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	51.69	12.20
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.00*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-6.82*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-9.00*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-10.64*	
		For Aluminum, Satin Finish, Add	*11.46*	
		For Aluminum, Clear Anodized Finish, Add	*17.73*	
		For Aluminum, Dark Anodized Finish, Add	*20.46*	
		For Galvanizing, Add	*10.91*	
		For Wrought Iron, Add	*5.17*	
		For Solid Steel Rails, Add	*10.34*	
		For 304 Stainless Steel, Add	*87.30*	
		For 316 Stainless Steel, Add	*98.21*	
		For 2" Wheel Guard, Add	*2.59*	
		For 4" High Kick Plate, Add	*3.41*	
		For 6" High Kick Plate, Add	*5.46*	
		For Curved Rail, Add	*23.69*	
		For Mounting On Stairs, Add	*15.51*	
		For Mounting On Slopes, Add	*5.17*	
		For Post Base Flange With Screws, Add Per Post	*19.94*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.16*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*19.74*	
		For Nylon Coating, Add	*4.09*	
		For Schedule 80 Handrail, Add	*9.02*	
		For ADA Handrail P-Loop End Return, Add Per Each	*136.33*	
		For Additional Off Set Handrail And Brackets, ADA Attachment, Add	*21.25*	
05 52 13 00-0007	LF	2-1/2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	57.63	12.20
		For 11 Gauge A513 Steel Tubing, Deduct	*-7.31*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-8.31*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-10.96*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-12.96*	
		For Aluminum, Satin Finish, Add	*13.95*	
		For Aluminum, Clear Anodized Finish, Add	*21.59*	
		For Aluminum, Dark Anodized Finish, Add	*24.92*	
		For Galvanizing, Add	*13.29*	
		For Wrought Iron, Add	*5.76*	
		For Solid Steel Rails, Add	*11.53*	
		For 304 Stainless Steel, Add	*106.30*	
		For 316 Stainless Steel, Add	*119.59*	
		For 2" Wheel Guard, Add	*3.16*	
		For 4" High Kick Plate, Add	*4.15*	
		For 6" High Kick Plate, Add	*6.64*	
		For Curved Rail, Add	*27.26*	
		For Mounting On Stairs, Add	*17.29*	
		For Mounting On Slopes, Add	*5.76*	
		For Post Base Flange With Screws, Add Per Post	*19.94*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.16*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*22.71*	
		For Nylon Coating, Add	*4.98*	
		For Schedule 80 Handrail, Add	*10.17*	
		For ADA Handrail P-Loop End Return, Add Per Each	*185.62*	
		For Additional Off Set Handrail And Brackets, ADA Attachment, Add	*24.81*	

05 52 13 00-0008 Two Rail, Up To 42" High, Welded Steel Pipe Railings *(05 52 13 00-0001)*
Note: Includes factory primed posts and two rails.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0009	LF	1" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	53.45	12.20
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.39*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.26*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-9.58*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-11.33*	
		For Aluminum, Satin Finish, Add	*12.20*	
		For Aluminum, Clear Anodized Finish, Add	*18.88*	
		For Aluminum, Dark Anodized Finish, Add	*21.78*	
		For Galvanizing, Add	*11.62*	
		For Wrought Iron, Add	*5.35*	
		For Solid Steel Rails, Add	*10.69*	
		For 304 Stainless Steel, Add	*92.93*	
		For 316 Stainless Steel, Add	*104.54*	
		For 2" Wheel Guard, Add	*2.76*	
		For 4" High Kick Plate, Add	*3.63*	
		For 6" High Kick Plate, Add	*5.81*	
		For Curved Rail, Add	*24.75*	
		For Mounting On Stairs, Add	*16.04*	
		For Mounting On Slopes, Add	*5.35*	
		For Post Base Flange With Screws, Add Per Post	*19.94*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.16*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*20.62*	
		For Nylon Coating, Add	*4.36*	
		For Schedule 80 Handrail, Add	*5.09*	
		For ADA Handrail P-Loop End Return, Add Per Each	*84.66*	
		For Additional Off Set Handrail And Brackets, ADA Attachment, Add	*14.84*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*61.35*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*45.22*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*29.08*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*72.69*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*53.57*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*34.45*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*95.20*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*70.16*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*45.11*	
05 52 13 00-0010	LF	1-1/4" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	58.46	12.20
		For Schedule 80 Handrail, Add	*7.89*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-7.49*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-8.51*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-11.24*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-13.28*	
		For Aluminum, Satin Finish, Add	*14.30*	
		For Aluminum, Clear Anodized Finish, Add	*22.13*	
		For Aluminum, Dark Anodized Finish, Add	*25.54*	
		For Galvanizing, Add	*13.62*	
		For Wrought Iron, Add	*5.85*	
		For Solid Steel Rails, Add	*11.69*	
		For 304 Stainless Steel, Add	*108.96*	
		For 316 Stainless Steel, Add	*122.58*	
		For 2" Wheel Guard, Add	*3.23*	
		For 4" High Kick Plate, Add	*4.26*	
		For 6" High Kick Plate, Add	*6.81*	
		For Curved Rail, Add	*27.75*	
		For Mounting On Stairs, Add	*17.54*	
		For Mounting On Slopes, Add	*5.85*	
		For Post Base Flange With Screws, Add Per Post	*19.94*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.16*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*23.13*	
		For Nylon Coating, Add	*5.11*	
		For ADA Handrail P-Loop End Return, Add Per Each	*100.52*	
		For Additional Off Set Handrail And Brackets, ADA Attachment, Add	*16.56*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*61.35*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*45.22*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*29.08*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*72.69*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*53.57*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*34.45*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*95.20*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*70.16*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*45.11*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*95.03*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*70.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0011	LF	1-1/2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	63.46	12.20
		For Schedule 80 Handrail, Add	*7.89*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-8.59*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-9.76*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-12.89*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-15.23*	
		For Aluminum, Satin Finish, Add	*16.40*	
		For Aluminum, Clear Anodized Finish, Add	*25.38*	
		For Aluminum, Dark Anodized Finish, Add	*29.29*	
		For Galvanizing, Add	*15.62*	
		For Wrought Iron, Add	*6.35*	
		For Solid Steel Rails, Add	*12.69*	
		For 304 Stainless Steel, Add	*124.96*	
		For 316 Stainless Steel, Add	*140.58*	
		For 2" Wheel Guard, Add	*3.71*	
		For 4" High Kick Plate, Add	*4.88*	
		For 6" High Kick Plate, Add	*7.81*	
		For Curved Rail, Add	*30.75*	
		For Mounting On Stairs, Add	*19.04*	
		For Mounting On Slopes, Add	*6.35*	
		For Post Base Flange With Screws, Add Per Post	*19.94*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.16*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*25.63*	
		For Nylon Coating, Add	*5.86*	
		For ADA Handrail P-Loop End Return, Add Per Each	*113.17*	
		For Additional Off Set Handrail And Brackets, ADA Attachment, Add	*18.27*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*61.35*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*45.22*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*29.08*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*72.69*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*53.57*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*34.45*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*95.20*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*70.16*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*45.11*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*95.03*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*70.46*	
		For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*108.49*	
		For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*79.11*	
05 52 13 00-0012	LF	2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	72.14	12.20
		For 11 Gauge A513 Steel Tubing, Deduct	*-10.50*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-11.93*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-15.75*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-18.61*	
		For Aluminum, Satin Finish, Add	*20.05*	
		For Aluminum, Clear Anodized Finish, Add	*31.02*	
		For Aluminum, Dark Anodized Finish, Add	*35.80*	
		For Galvanizing, Add	*19.09*	
		For Wrought Iron, Add	*7.21*	
		For Solid Steel Rails, Add	*14.43*	
		For 304 Stainless Steel, Add	*152.74*	
		For 316 Stainless Steel, Add	*171.83*	
		For 2" Wheel Guard, Add	*4.53*	
		For 4" High Kick Plate, Add	*5.97*	
		For 6" High Kick Plate, Add	*9.55*	
		For Curved Rail, Add	*35.96*	
		For Mounting On Stairs, Add	*21.64*	
		For Mounting On Slopes, Add	*7.21*	
		For Post Base Flange With Screws, Add Per Post	*19.94*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.16*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*29.97*	
		For Nylon Coating, Add	*7.16*	
		For Schedule 80 Handrail, Add	*9.02*	
		For ADA Handrail P-Loop End Return, Add Per Each	*136.33*	
		For Additional Off Set Handrail And Brackets, ADA Attachment, Add	*21.25*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*61.35*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*45.22*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*29.08*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*72.69*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*53.57*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*34.45*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*95.20*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*70.16*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*45.11*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*95.03*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*70.46*	
		For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*108.49*	
		For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*79.11*	
		For 2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*136.70*	
		For 2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*97.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0013	LF	2-1/2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	82.54	12.20
		For 11 Gauge A513 Steel Tubing, Deduct	*-12.79*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-14.53*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-19.18*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-22.67*	
		For Aluminum, Satin Finish, Add	*24.41*	
		For Aluminum, Clear Anodized Finish, Add	*37.78*	
		For Aluminum, Dark Anodized Finish, Add	*43.60*	
		For Galvanizing, Add	*23.25*	
		For Wrought Iron, Add	*8.25*	
		For Solid Steel Rails, Add	*16.51*	
		For 304 Stainless Steel, Add	*186.02*	
		For 316 Stainless Steel, Add	*209.27*	
		For 2" Wheel Guard, Add	*5.52*	
		For 4" High Kick Plate, Add	*7.27*	
		For 6" High Kick Plate, Add	*11.63*	
		For Curved Rail, Add	*42.20*	
		For Mounting On Stairs, Add	*24.76*	
		For Mounting On Slopes, Add	*8.25*	
		For Post Base Flange With Screws, Add Per Post	*19.94*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.16*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*35.17*	
		For Nylon Coating, Add	*8.72*	
		For Schedule 80 Handrail, Add	*10.17*	
		For ADA Handrail P-Loop End Return, Add Per Each	*185.62*	
		For Additional Off Set Handrail And Brackets, ADA Attachment, Add	*24.81*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*61.35*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*45.22*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*29.08*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*72.69*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*53.57*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*34.45*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*95.20*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*70.16*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*45.11*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*95.03*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*70.46*	
		For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*108.49*	
		For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*79.11*	
		For 2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*136.70*	
		For 2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*97.25*	
		For 2-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*138.89*	

05 52 13 00-0014 Three Rail, Up To 42" High, Welded Steel Pipe Railings *(05 52 13 00-0001)*

Note: Includes factory primed posts and three rails.

05 52 13 00-0015	LF	1" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	82.65	14.64
		For 11 Gauge A513 Steel Tubing, Deduct	*-11.74*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-13.34*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-17.61*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-20.81*	
		For Aluminum, Satin Finish, Add	*22.41*	
		For Aluminum, Clear Anodized Finish, Add	*34.68*	
		For Aluminum, Dark Anodized Finish, Add	*40.02*	
		For Galvanizing, Add	*21.34*	
		For Wrought Iron, Add	*8.27*	
		For Solid Steel Rails, Add	*16.53*	
		For 304 Stainless Steel, Add	*170.75*	
		For 316 Stainless Steel, Add	*192.10*	
		For 2" Wheel Guard, Add	*5.07*	
		For 4" High Kick Plate, Add	*6.67*	
		For 6" High Kick Plate, Add	*10.67*	
		For Curved Rail, Add	*40.80*	
		For Mounting On Stairs, Add	*24.80*	
		For Mounting On Slopes, Add	*8.27*	
		For Post Base Flange With Screws, Add Per Post	*20.43*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.89*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*34.00*	
		For Nylon Coating, Add	*8.00*	
		For Schedule 80 Handrail, Add	*7.42*	
		For ADA Handrail P-Loop End Return, Add Per Each	*84.66*	
		For Additional Off Set Handrail And Brackets, ADA Attachment, Add	*15.82*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*61.35*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*45.22*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*29.08*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*72.69*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*53.57*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*34.45*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*95.20*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*70.16*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*45.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0016	LF	1-1/4" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	91.84	14.64
		For 11 Gauge A513 Steel Tubing, Deduct	*-13.76*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-15.64*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-20.64*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-24.39*	
		For Aluminum, Satin Finish, Add	*26.27*	
		For Aluminum, Clear Anodized Finish, Add	*40.66*	
		For Aluminum, Dark Anodized Finish, Add	*46.91*	
		For Galvanizing, Add	*25.02*	
		For Wrought Iron, Add	*9.18*	
		For Solid Steel Rails, Add	*18.37*	
		For 304 Stainless Steel, Add	*200.16*	
		For 316 Stainless Steel, Add	*225.18*	
		For 2" Wheel Guard, Add	*5.94*	
		For 4" High Kick Plate, Add	*7.82*	
		For 6" High Kick Plate, Add	*12.51*	
		For Curved Rail, Add	*46.32*	
		For Mounting On Stairs, Add	*27.55*	
		For Mounting On Slopes, Add	*9.18*	
		For Post Base Flange With Screws, Add Per Post	*20.43*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.89*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*38.60*	
		For Nylon Coating, Add	*9.38*	
		For Schedule 80 Handrail, Add	*11.15*	
		For ADA Handrail P-Loop End Return, Add Per Each	*100.52*	
		For Additional Off Set Handrail And Brackets, ADA Attachment, Add	*17.54*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*61.35*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*45.22*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*29.08*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*72.69*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*53.57*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*34.45*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*95.20*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*70.16*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*45.11*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*95.03*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*70.46*	
05 52 13 00-0017	LF	1-1/2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	101.03	14.64
		For 11 Gauge A513 Steel Tubing, Deduct	*-15.78*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-17.94*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-23.67*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-27.98*	
		For Aluminum, Satin Finish, Add	*30.13*	
		For Aluminum, Clear Anodized Finish, Add	*46.63*	
		For Aluminum, Dark Anodized Finish, Add	*53.81*	
		For Galvanizing, Add	*28.70*	
		For Wrought Iron, Add	*10.10*	
		For Solid Steel Rails, Add	*20.21*	
		For 304 Stainless Steel, Add	*229.57*	
		For 316 Stainless Steel, Add	*258.26*	
		For 2" Wheel Guard, Add	*6.82*	
		For 4" High Kick Plate, Add	*8.97*	
		For 6" High Kick Plate, Add	*14.35*	
		For Curved Rail, Add	*51.83*	
		For Mounting On Stairs, Add	*30.31*	
		For Mounting On Slopes, Add	*10.10*	
		For Post Base Flange With Screws, Add Per Post	*20.43*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.89*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*43.19*	
		For Nylon Coating, Add	*10.76*	
		For Schedule 80 Handrail, Add	*11.15*	
		For ADA Handrail P-Loop End Return, Add Per Each	*113.17*	
		For Additional Off Set Handrail And Brackets, ADA Attachment, Add	*19.25*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*61.35*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*45.22*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*29.08*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*72.69*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*53.57*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*34.45*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*95.20*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*70.16*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*45.11*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*95.03*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*70.46*	
		For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*108.49*	
		For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*79.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0018	LF	2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	117.00	14.64
		For 11 Gauge A513 Steel Tubing, Deduct	*-19.30*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-21.93*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-28.94*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-34.21*	
		For Aluminum, Satin Finish, Add	*36.84*	
		For Aluminum, Clear Anodized Finish, Add	*57.01*	
		For Aluminum, Dark Anodized Finish, Add	*65.78*	
		For Galvanizing, Add	*35.08*	
		For Wrought Iron, Add	*11.70*	
		For Solid Steel Rails, Add	*23.40*	
		For 304 Stainless Steel, Add	*280.67*	
		For 316 Stainless Steel, Add	*315.76*	
		For 2" Wheel Guard, Add	*8.33*	
		For 4" High Kick Plate, Add	*10.96*	
		For 6" High Kick Plate, Add	*17.54*	
		For Curved Rail, Add	*61.41*	
		For Mounting On Stairs, Add	*35.10*	
		For Mounting On Slopes, Add	*11.70*	
		For Post Base Flange With Screws, Add Per Post	*20.43*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.89*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*51.18*	
		For Nylon Coating, Add	*13.16*	
		For Schedule 80 Handrail, Add	*12.66*	
		For ADA Handrail P-Loop End Return, Add Per Each	*136.33*	
		For Additional Off Set Handrail And Brackets, ADA Attachment, Add	*22.23*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*61.35*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*45.22*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*29.08*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*72.69*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*53.57*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*34.45*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*95.20*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*70.16*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*45.11*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*95.03*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*70.46*	
		For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*108.49*	
		For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*79.11*	
		For 2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*136.70*	
		For 2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*97.25*	
05 52 13 00-0019	LF	2-1/2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	136.02	14.64
		For 11 Gauge A513 Steel Tubing, Deduct	*-23.48*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-26.68*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-35.22*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-41.62*	
		For Aluminum, Satin Finish, Add	*44.83*	
		For Aluminum, Clear Anodized Finish, Add	*69.37*	
		For Aluminum, Dark Anodized Finish, Add	*80.05*	
		For Galvanizing, Add	*42.69*	
		For Wrought Iron, Add	*13.60*	
		For Solid Steel Rails, Add	*27.20*	
		For 304 Stainless Steel, Add	*341.54*	
		For 316 Stainless Steel, Add	*384.23*	
		For 2" Wheel Guard, Add	*10.14*	
		For 4" High Kick Plate, Add	*13.34*	
		For 6" High Kick Plate, Add	*21.35*	
		For Curved Rail, Add	*72.83*	
		For Mounting On Stairs, Add	*40.81*	
		For Mounting On Slopes, Add	*13.60*	
		For Post Base Flange With Screws, Add Per Post	*20.43*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.89*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*60.69*	
		For Nylon Coating, Add	*16.01*	
		For Schedule 80 Handrail, Add	*14.19*	
		For ADA Handrail P-Loop End Return, Add Per Each	*185.62*	
		For Additional Off Set Handrail And Brackets, ADA Attachment, Add	*25.79*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*61.35*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*45.22*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*29.08*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*72.69*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*53.57*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*34.45*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*95.20*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*70.16*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*45.11*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*95.03*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*70.46*	
		For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*108.49*	
		For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*79.11*	
		For 2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*136.70*	
		For 2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*97.25*	
		For 2-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*138.89*	

05 52 13 00-0020 Four Rail, Up To 42" High, Welded Steel Pipe Railings *(05 52 13 00-0001)*

Note: Includes factory primed posts and four rails.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0021	LF	1" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	99.65	17.08
		For 11 Gauge A513 Steel Tubing, Deduct	*-14.41*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-16.37*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-21.61*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-25.54*	
		For Aluminum, Satin Finish, Add	*27.51*	
		For Aluminum, Clear Anodized Finish, Add	*42.57*	
		For Aluminum, Dark Anodized Finish, Add	*49.12*	
		For Galvanizing, Add	*26.20*	
		For Wrought Iron, Add	*9.97*	
		For Solid Steel Rails, Add	*19.93*	
		For 304 Stainless Steel, Add	*209.57*	
		For 316 Stainless Steel, Add	*235.76*	
		For 2" Wheel Guard, Add	*6.22*	
		For 4" High Kick Plate, Add	*8.19*	
		For 6" High Kick Plate, Add	*13.10*	
		For Curved Rail, Add	*49.54*	
		For Mounting On Stairs, Add	*29.90*	
		For Mounting On Slopes, Add	*9.97*	
		For Post Base Flange With Screws, Add Per Post	*20.92*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*31.62*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*41.29*	
		For Nylon Coating, Add	*9.82*	
		For Schedule 80 Handrail, Add	*10.04*	
		For ADA Handrail P-Loop End Return, Add Per Each	*84.66*	
		For Additional Off Set Handrail And Brackets, ADA Attachment, Add	*16.79*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*61.35*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*45.22*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*29.08*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*72.69*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*53.57*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*34.45*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*95.20*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*70.16*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*45.11*	
05 52 13 00-0022	LF	1-1/4" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	107.81	17.08
		For 11 Gauge A513 Steel Tubing, Deduct	*-16.20*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-18.41*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-24.30*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-28.72*	
		For Aluminum, Satin Finish, Add	*30.93*	
		For Aluminum, Clear Anodized Finish, Add	*47.87*	
		For Aluminum, Dark Anodized Finish, Add	*55.24*	
		For Galvanizing, Add	*29.46*	
		For Wrought Iron, Add	*10.78*	
		For Solid Steel Rails, Add	*21.56*	
		For 304 Stainless Steel, Add	*235.68*	
		For 316 Stainless Steel, Add	*265.14*	
		For 2" Wheel Guard, Add	*7.00*	
		For 4" High Kick Plate, Add	*9.21*	
		For 6" High Kick Plate, Add	*14.73*	
		For Curved Rail, Add	*54.44*	
		For Mounting On Stairs, Add	*32.34*	
		For Mounting On Slopes, Add	*10.78*	
		For Post Base Flange With Screws, Add Per Post	*20.92*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*31.62*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*45.37*	
		For Nylon Coating, Add	*11.05*	
		For Schedule 80 Handrail, Add	*14.71*	
		For ADA Handrail P-Loop End Return, Add Per Each	*100.52*	
		For Additional Off Set Handrail And Brackets, ADA Attachment, Add	*18.51*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*61.35*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*45.22*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*29.08*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*72.69*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*53.57*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*34.45*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*95.20*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*70.16*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*45.11*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*95.03*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*70.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0023	LF	1-1/2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	115.97	17.08
		For 11 Gauge A513 Steel Tubing, Deduct	*-18.00*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-20.45*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-27.00*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-31.91*	
		For Aluminum, Satin Finish, Add	*34.36*	
		For Aluminum, Clear Anodized Finish, Add	*53.18*	
		For Aluminum, Dark Anodized Finish, Add	*61.36*	
		For Galvanizing, Add	*32.72*	
		For Wrought Iron, Add	*11.60*	
		For Solid Steel Rails, Add	*23.19*	
		For 304 Stainless Steel, Add	*261.79*	
		For 316 Stainless Steel, Add	*294.52*	
		For 2" Wheel Guard, Add	*7.77*	
		For 4" High Kick Plate, Add	*10.23*	
		For 6" High Kick Plate, Add	*16.36*	
		For Curved Rail, Add	*59.33*	
		For Mounting On Stairs, Add	*34.79*	
		For Mounting On Slopes, Add	*11.60*	
		For Post Base Flange With Screws, Add Per Post	*20.92*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*31.62*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*49.45*	
		For Nylon Coating, Add	*12.27*	
		For Schedule 80 Handrail, Add	*14.71*	
		For ADA Handrail P-Loop End Return, Add Per Each	*113.17*	
		For Additional Off Set Handrail And Brackets, ADA Attachment, Add	*20.22*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*61.35*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*45.22*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*29.08*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*72.69*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*53.57*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*34.45*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*95.20*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*70.16*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*45.11*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*95.03*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*70.46*	
		For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*108.49*	
		For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*79.11*	
05 52 13 00-0024	LF	2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	134.14	17.08
		For 11 Gauge A513 Steel Tubing, Deduct	*-22.00*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-25.00*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-32.99*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-38.99*	
		For Aluminum, Satin Finish, Add	*41.99*	
		For Aluminum, Clear Anodized Finish, Add	*64.99*	
		For Aluminum, Dark Anodized Finish, Add	*74.99*	
		For Galvanizing, Add	*39.99*	
		For Wrought Iron, Add	*13.41*	
		For Solid Steel Rails, Add	*26.83*	
		For 304 Stainless Steel, Add	*319.94*	
		For 316 Stainless Steel, Add	*359.93*	
		For 2" Wheel Guard, Add	*9.50*	
		For 4" High Kick Plate, Add	*12.50*	
		For 6" High Kick Plate, Add	*20.00*	
		For Curved Rail, Add	*70.24*	
		For Mounting On Stairs, Add	*40.24*	
		For Mounting On Slopes, Add	*13.41*	
		For Post Base Flange With Screws, Add Per Post	*20.92*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*31.62*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*58.53*	
		For Nylon Coating, Add	*15.00*	
		For Schedule 80 Handrail, Add	*16.59*	
		For ADA Handrail P-Loop End Return, Add Per Each	*136.33*	
		For Additional Off Set Handrail And Brackets, ADA Attachment, Add	*23.20*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*61.35*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*45.22*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*29.08*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*72.69*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*53.57*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*34.45*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*95.20*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*70.16*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*45.11*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*95.03*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*70.46*	
		For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*108.49*	
		For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*79.11*	
		For 2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*136.70*	
		For 2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*97.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0025	LF	2-1/2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	155.44	17.08
		For 11 Gauge A513 Steel Tubing, Deduct	*-26.68*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-30.32*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-40.02*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-47.30*	
		For Aluminum, Satin Finish, Add	*50.94*	
		For Aluminum, Clear Anodized Finish, Add	*78.83*	
		For Aluminum, Dark Anodized Finish, Add	*90.96*	
		For Galvanizing, Add	*48.51*	
		For Wrought Iron, Add	*15.54*	
		For Solid Steel Rails, Add	*31.09*	
		For 304 Stainless Steel, Add	*388.10*	
		For 316 Stainless Steel, Add	*436.61*	
		For 2" Wheel Guard, Add	*11.52*	
		For 4" High Kick Plate, Add	*15.16*	
		For 6" High Kick Plate, Add	*24.26*	
		For Curved Rail, Add	*83.02*	
		For Mounting On Stairs, Add	*46.63*	
		For Mounting On Slopes, Add	*15.54*	
		For Post Base Flange With Screws, Add Per Post	*20.92*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*31.62*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*69.18*	
		For Nylon Coating, Add	*18.19*	
		For Schedule 80 Handrail, Add	*18.50*	
		For ADA Handrail P-Loop End Return, Add Per Each	*185.62*	
		For Additional Off Set Handrail And Brackets, ADA Attachment, Add	*26.76*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*61.35*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*45.22*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*29.08*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*72.69*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*53.57*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*34.45*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*95.20*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*70.16*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*45.11*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*95.03*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*70.46*	
		For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*108.49*	
		For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*79.11*	
		For 2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*136.70*	
		For 2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*97.25*	
		For 2-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*138.89*	

05 52 13 00-0026 Railing Infill Panels *(05 52 13)*

Note: Includes field welds and touch-up of welds.

05 52 13 00-0027 Wire Mesh Or Welded Wire Mesh, Railing Infill Panels *(05 52 13 00-0026)*

Note: Square weave or square welded wire mesh.

05 52 13 00-0028	SF	Powder Coated Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	15.81
05 52 13 00-0029	SF	Galvanized Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	16.79
05 52 13 00-0030	SF	Aluminum, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	17.65
05 52 13 00-0031	SF	Stainless Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	29.85

05 52 13 00-0032 Perforated Metal, Railing Infill Panels *(05 52 13 00-0026)*

05 52 13 00-0033	SF	Powder Coated Steel, Perforated Metal, Railing Infill Panel	15.51
05 52 13 00-0034	SF	Galvanized Steel, Perforated Metal, Railing Infill Panel	16.03
05 52 13 00-0035	SF	Aluminum, Perforated Metal, Railing Infill Panel	17.16
05 52 13 00-0036	SF	Stainless Steel, Perforated Metal, Railing Infill Panel	34.45

05 52 13 00-0037 Expanded Metal, Railing Infill Panels *(05 52 13 00-0026)*

05 52 13 00-0038	SF	Powder Coated Steel, Expanded Metal, Railing Infill Panel	7.00
05 52 13 00-0039	SF	Galvanized Steel, Expanded Metal, Railing Infill Panel	14.30
05 52 13 00-0040	SF	Aluminum, Expanded Metal, Railing Infill Panel	18.77
05 52 13 00-0041	SF	Stainless Steel, Expanded Metal, Railing Infill Panel	27.99

05 52 13 00-0042 Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railings *(05 52 13)*

Note: Includes factory primed, fasteners and field touch-up of welds.

05 52 13 00-0043	LF	1" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	40.54	7.32
		For 11 Gauge A513 Steel Tubing, Deduct	*-4.89*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-5.56*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-7.34*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-8.67*	
		For Galvanized Finish, Add	*6.67*	
		For Schedule 80 Handrail, Add	*2.81*	
		For Stainless Steel, Add	*44.46*	
		For Aluminum, Satin Finish, Add	*9.34*	
		For Curved Rail, Add	*12.16*	
		For Aluminum, Clear Anodized Finish, Add	*14.45*	
		For Aluminum, Dark Anodized Finish, Add	*16.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0044	LF	1-1/4" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	41.26	7.32
		For 11 Gauge A513 Steel Tubing, Deduct	*-5.05*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-5.74*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-7.57*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-8.95*	
		For Galvanized Finish, Add	*6.89*	
		For Schedule 80 Handrail, Add	*3.27*	
		For Stainless Steel, Add	*45.90*	
		For Aluminum, Satin Finish, Add	*9.64*	
		For Curved Rail, Add	*12.38*	
		For Aluminum, Clear Anodized Finish, Add	*14.92*	
		For Aluminum, Dark Anodized Finish, Add	*17.21*	
05 52 13 00-0045	LF	1-1/2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	41.98	7.32
		For 11 Gauge A513 Steel Tubing, Deduct	*-5.21*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-5.92*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-7.81*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-9.23*	
		For Galvanized Finish, Add	*7.10*	
		For Schedule 80 Handrail, Add	*9.50*	
		For Stainless Steel, Add	*47.34*	
		For Aluminum, Satin Finish, Add	*9.94*	
		For Curved Rail, Add	*12.59*	
		For Aluminum, Clear Anodized Finish, Add	*15.39*	
		For Aluminum, Dark Anodized Finish, Add	*17.75*	
05 52 13 00-0046	LF	2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	50.22	7.32
		For 11 Gauge A513 Steel Tubing, Deduct	*-7.02*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.98*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-10.53*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-12.44*	
		For Galvanized Finish, Add	*9.57*	
		For Schedule 80 Handrail, Add	*4.12*	
		For Stainless Steel, Add	*63.82*	
		For Aluminum, Satin Finish, Add	*13.40*	
		For Curved Rail, Add	*15.07*	
		For Aluminum, Clear Anodized Finish, Add	*20.74*	
		For Aluminum, Dark Anodized Finish, Add	*23.93*	
05 52 13 00-0047	LF	2-1/2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	57.04	7.32
		For 11 Gauge A513 Steel Tubing, Deduct	*-8.52*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-9.68*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-12.78*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-15.10*	
		For Galvanized Finish, Add	*11.62*	
		For Schedule 80 Handrail, Add	*4.51*	
		For Stainless Steel, Add	*77.46*	
		For Aluminum, Satin Finish, Add	*16.27*	
		For Curved Rail, Add	*17.11*	
		For Aluminum, Clear Anodized Finish, Add	*25.17*	
		For Aluminum, Dark Anodized Finish, Add	*29.05*	

05 52 13 00-0048 Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railings *(05 52 13)*

Note: Includes factory primed, fasteners and field touch-up of welds.

05 52 13 00-0049	LF	1" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	48.97	7.69
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.75*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.67*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-10.12*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-11.96*	
		For Galvanized Finish, Add	*9.20*	
		For Schedule 80 Handrail, Add	*2.81*	
		For Stainless Steel, Add	*61.32*	
		For Aluminum, Satin Finish, Add	*12.88*	
		For Curved Rail, Add	*14.69*	
		For Aluminum, Clear Anodized Finish, Add	*19.93*	
		For Aluminum, Dark Anodized Finish, Add	*23.00*	
05 52 13 00-0050	LF	1-1/4" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	49.97	7.69
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.97*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.92*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-10.45*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-12.35*	
		For Galvanized Finish, Add	*9.50*	
		For Schedule 80 Handrail, Add	*3.27*	
		For Stainless Steel, Add	*63.32*	
		For Aluminum, Satin Finish, Add	*13.30*	
		For Curved Rail, Add	*14.99*	
		For Aluminum, Clear Anodized Finish, Add	*20.58*	
		For Aluminum, Dark Anodized Finish, Add	*23.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0051	LF	1-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	50.73	7.69
		For 11 Gauge A513 Steel Tubing, Deduct	*-7.13*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-8.11*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-10.70*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-12.64*	
		For Galvanized Finish, Add	*9.73*	
		For Schedule 80 Handrail, Add	*9.50*	
		For Stainless Steel, Add	*64.84*	
		For Aluminum, Satin Finish, Add	*13.62*	
		For Curved Rail, Add	*15.22*	
		For Aluminum, Clear Anodized Finish, Add	*21.07*	
		For Aluminum, Dark Anodized Finish, Add	*24.32*	
05 52 13 00-0052	LF	2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	62.24	7.69
		For 11 Gauge A513 Steel Tubing, Deduct	*-9.66*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-10.98*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-14.50*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-17.13*	
		For Galvanized Finish, Add	*13.18*	
		For Schedule 80 Handrail, Add	*4.12*	
		For Stainless Steel, Add	*87.86*	
		For Aluminum, Satin Finish, Add	*18.45*	
		For Curved Rail, Add	*18.67*	
		For Aluminum, Clear Anodized Finish, Add	*28.55*	
		For Aluminum, Dark Anodized Finish, Add	*32.95*	
05 52 13 00-0053	LF	2-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	69.77	7.69
		For 11 Gauge A513 Steel Tubing, Deduct	*-11.32*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-12.87*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-16.98*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-20.07*	
		For Galvanized Finish, Add	*15.44*	
		For Schedule 80 Handrail, Add	*4.51*	
		For Stainless Steel, Add	*102.92*	
		For Aluminum, Satin Finish, Add	*21.61*	
		For Curved Rail, Add	*20.93*	
		For Aluminum, Clear Anodized Finish, Add	*33.45*	
		For Aluminum, Dark Anodized Finish, Add	*38.60*	

05 52 13 00-0054 Remove And Reinstall Pipe Railing *(05 52 13)*

05 52 13 00-0055	LF	Removal And Reinstallation Of Wall Bracket Mounted Pipe Railing	27.45
05 52 13 00-0056	LF	Removal And Reinstallation Of Floor Mounted Pipe Railing	36.16
05 52 13 00-0057	EA	Install New Galvanized Steel Pipe Railing Bracket	71.36
		For Stainless Steel, Add	*69.52*

05 53 Metal Gratings *(05 50)*

05 53 13 Bar Gratings *(05 53)*

05 53 13 00-0001 Welded Grating *(05 53 13)*

Note: Sizes are for height and width of bearing bars. Welded grating is open grid grating which has bearing bars and cross bars locked in place by resistance welding, or conventional hand welding. Resistance welded grating is produced on precise automated production equipment by combining hydraulic pressure with a powerful electric current to fuse - electroforge - the cross bar and bearing bar into a single rigid panel.

05 53 13 00-0002 Steel, Welded Grating *(05 53 13 00-0001)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.

05 53 13 00-0003	SF	3/4" x 1/8" Steel, Welded Grating	14.52	1.34
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.01*	
		For 304 Stainless Steel, Add	*37.97*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*3.45*	
		For Crossbars At 2" On-Center, Add	*1.28*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.10*	
05 53 13 00-0004	SF	3/4" x 3/16" Steel, Welded Grating	19.42	1.34
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.84*	
		For 304 Stainless Steel, Add	*53.70*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*4.89*	
		For Crossbars At 2" On-Center, Add	*1.81*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.22*	
05 53 13 00-0005	SF	1" x 1/8" Steel, Welded Grating	17.67	1.34
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.55*	
		For 304 Stainless Steel, Add	*48.09*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*4.37*	
		For Crossbars At 2" On-Center, Add	*1.62*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0006	SF	1" x 3/16" Steel, Welded Grating	24.32	1.34
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.68*	
		For 304 Stainless Steel, Add	*69.43*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*6.32*	
		For Crossbars At 2" On-Center, Add	*2.34*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.34*	
05 53 13 00-0007	SF	1" x 1/4" Steel, Welded Grating	30.96	1.34
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.81*	
		For 304 Stainless Steel, Add	*90.75*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*8.25*	
		For Crossbars At 2" On-Center, Add	*3.05*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.51*	
05 53 13 00-0008	SF	1-1/4" x 1/8" Steel, Welded Grating	20.85	1.34
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.09*	
		For 304 Stainless Steel, Add	*58.29*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*5.30*	
		For Crossbars At 2" On-Center, Add	*1.96*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.26*	
05 53 13 00-0009	SF	1-1/4" x 3/16" Steel, Welded Grating	28.93	1.34
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.46*	
		For 304 Stainless Steel, Add	*84.23*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*7.66*	
		For Crossbars At 2" On-Center, Add	*2.83*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.46*	
05 53 13 00-0010	SF	1-1/2" x 1/8" Steel, Welded Grating	24.04	1.34
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.63*	
		For 304 Stainless Steel, Add	*68.53*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*6.23*	
		For Crossbars At 2" On-Center, Add	*2.31*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.34*	
05 53 13 00-0011	SF	1-1/2" x 3/16" Steel, Welded Grating	34.40	1.65
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.29*	
		For 304 Stainless Steel, Add	*99.86*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*9.08*	
		For Crossbars At 2" On-Center, Add	*3.36*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.98*	
05 53 13 00-0012	SF	1-1/2" x 1/4" Steel, Welded Grating	44.51	1.65
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*7.01*	
		For 304 Stainless Steel, Add	*132.32*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*12.04*	
		For Crossbars At 2" On-Center, Add	*4.45*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.23*	
05 53 13 00-0013	SF	1-3/4" x 3/16" Steel, Welded Grating	39.33	1.65
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*6.13*	
		For 304 Stainless Steel, Add	*115.69*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*10.52*	
		For Crossbars At 2" On-Center, Add	*3.89*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.11*	
05 53 13 00-0014	SF	2" x 3/16" Steel, Welded Grating	43.95	1.65
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*6.91*	
		For 304 Stainless Steel, Add	*130.52*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*11.87*	
		For Crossbars At 2" On-Center, Add	*4.39*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0015	SF	2-1/4" x 3/16" Steel, Welded Grating	48.85	1.65
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*7.75*	
		For 304 Stainless Steel, Add	*146.25*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*13.30*	
		For Crossbars At 2" On-Center, Add	*4.92*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.34*	
05 53 13 00-0016	SF	2-1/2" x 3/16" Steel, Welded Grating	53.47	1.65
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*8.53*	
		For 304 Stainless Steel, Add	*161.08*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*14.65*	
		For Crossbars At 2" On-Center, Add	*5.42*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.46*	

05 53 13 00-0017 Pressure Locked Grating *(05 53 13)*

Note: Sizes are for height and width of bearing bars. Pressure locked grating is an open grid grating which is an assembly of tight-fitting, slotted bearing bars and cross bars, interlocked together. The permanent locking of the bars is accomplished by slotting the bearing bars with a wider 'dovetail' shape at the bottom of the slot. The bearing bar slot is usually 1/2 the depth of the cross bar. The cross bars are slotted to a depth slightly less than half its depth. When the bars are pressed together under hydraulic pressure, the cross bar material is forced into the 'dovetail' shape of the bearing bar notch, forming a strong, rigid unit.

05 53 13 00-0018 Steel, Pressure Locked Grating *(05 53 13 00-0017)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.

05 53 13 00-0019	SF	3/4" x 1/8" Steel, Pressure Locked Grating	27.36	1.34
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.05*	
		For 304 Stainless Steel, Add	*46.16*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*7.20*	
		For Crossbars At 2" On-Center, Add	*2.66*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.42*	
05 53 13 00-0020	SF	3/4" x 3/16" Steel, Pressure Locked Grating	33.66	1.34
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.08*	
		For 304 Stainless Steel, Add	*57.94*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*9.04*	
		For Crossbars At 2" On-Center, Add	*3.34*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.58*	
05 53 13 00-0021	SF	1" x 1/8" Steel, Pressure Locked Grating	30.05	1.34
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.49*	
		For 304 Stainless Steel, Add	*51.19*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*7.99*	
		For Crossbars At 2" On-Center, Add	*2.95*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.49*	
05 53 13 00-0022	SF	1" x 3/16" Steel, Pressure Locked Grating	40.87	1.34
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*6.26*	
		For 304 Stainless Steel, Add	*71.43*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 7/16" On-Center, Add	*55.36*	
		For Bearing Bars At 15/16" On-Center, Add	*11.15*	
		For Crossbars At 2" On-Center, Add	*4.12*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.76*	
05 53 13 00-0023	SF	1-1/4" x 1/8" Steel, Pressure Locked Grating	33.66	1.34
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.08*	
		For 304 Stainless Steel, Add	*57.94*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*9.04*	
		For Crossbars At 2" On-Center, Add	*3.34*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.58*	
05 53 13 00-0024	SF	1-1/4" x 3/16" Steel, Pressure Locked Grating	45.87	1.34
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*7.08*	
		For 304 Stainless Steel, Add	*80.79*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*12.61*	
		For Crossbars At 2" On-Center, Add	*4.66*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0025	SF	1-1/2" x 1/8" Steel, Pressure Locked Grating	37.44	1.34
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.70*	
		For 304 Stainless Steel, Add	*65.02*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*10.15*	
		For Crossbars At 2" On-Center, Add	*3.75*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.67*	
05 53 13 00-0026	SF	1-1/2" x 3/16" Steel, Pressure Locked Grating	51.72	1.65
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*7.94*	
		For 304 Stainless Steel, Add	*90.61*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 7/16" On-Center, Add	*70.22*	
		For Bearing Bars At 15/16" On-Center, Add	*14.14*	
		For Crossbars At 2" On-Center, Add	*5.23*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.42*	
05 53 13 00-0027	SF	1-3/4" x 3/16" Steel, Pressure Locked Grating	57.00	1.65
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*8.81*	
		For 304 Stainless Steel, Add	*100.49*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*15.68*	
		For Crossbars At 2" On-Center, Add	*5.80*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.55*	
05 53 13 00-0028	SF	2" x 3/16" Steel, Pressure Locked Grating	61.31	1.65
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*9.52*	
		For 304 Stainless Steel, Add	*108.56*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*16.94*	
		For Crossbars At 2" On-Center, Add	*6.27*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.65*	
05 53 13 00-0029	SF	2-1/4" x 3/16" Steel, Pressure Locked Grating	65.44	1.65
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*10.19*	
		For 304 Stainless Steel, Add	*116.28*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*18.15*	
		For Crossbars At 2" On-Center, Add	*6.71*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.76*	
05 53 13 00-0030	SF	2-1/2" x 3/16" Steel, Pressure Locked Grating	69.01	1.65
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*10.78*	
		For 304 Stainless Steel, Add	*122.96*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*19.19*	
		For Crossbars At 2" On-Center, Add	*7.10*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.85*	

05 53 13 00-0031 Aluminum, Type 6063, Pressure Locked Grating *(05 53 13 00-0017)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted in place, and in all sizes.

05 53 13 00-0032	SF	3/4" x 1/8" Aluminum, Pressure Locked Grating	17.47	1.34
		For Bearing Bars At 15/16" On-Center, Add	*4.32*	
		For Crossbars At 2" On-Center, Add	*1.60*	
		For Set In Place Without Bolting, Deduct	*-2.17*	
		For Powder Coating, Add	*2.22*	
05 53 13 00-0033	SF	3/4" x 3/16" Aluminum, Pressure Locked Grating	23.53	1.34
		For Bearing Bars At 15/16" On-Center, Add	*6.09*	
		For Crossbars At 2" On-Center, Add	*2.25*	
		For Set In Place Without Bolting, Deduct	*-2.32*	
		For Powder Coating, Add	*3.13*	
05 53 13 00-0034	SF	1" x 1/8" Aluminum, Pressure Locked Grating	22.23	1.34
		For Bearing Bars At 15/16" On-Center, Add	*5.71*	
		For Crossbars At 2" On-Center, Add	*2.11*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.29*	
		For Powder Coating, Add	*2.93*	
05 53 13 00-0035	SF	1" x 3/16" Aluminum, Pressure Locked Grating	30.07	1.34
		For Bearing Bars At 7/16" On-Center, Add	*39.70*	
		For Bearing Bars At 15/16" On-Center, Add	*7.99*	
		For Crossbars At 2" On-Center, Add	*2.96*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.49*	
		For Powder Coating, Add	*4.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0036	SF	1-1/4" x 1/8" Aluminum, Pressure Locked Grating	25.68	1.34
		For Bearing Bars At 15/16" On-Center, Add	*6.71*	
		For Crossbars At 2" On-Center, Add	*2.48*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.38*	
		For Powder Coating, Add	*3.45*	
05 53 13 00-0037	SF	1-1/4" x 3/16" Aluminum, Pressure Locked Grating	34.22	1.34
		For Bearing Bars At 15/16" On-Center, Add	*9.21*	
		For Crossbars At 2" On-Center, Add	*3.41*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.59*	
		For Powder Coating, Add	*4.73*	
05 53 13 00-0038	SF	1-1/2" x 1/8" Aluminum, Pressure Locked Grating	28.92	1.34
		For Bearing Bars At 15/16" On-Center, Add	*7.66*	
		For Crossbars At 2" On-Center, Add	*2.83*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.46*	
		For Powder Coating, Add	*3.93*	
05 53 13 00-0039	SF	1-1/2" x 3/16" Aluminum, Pressure Locked Grating	38.50	1.34
		For Bearing Bars At 7/16" On-Center, Add	*51.92*	
		For Bearing Bars At 15/16" On-Center, Add	*10.46*	
		For Crossbars At 2" On-Center, Add	*3.87*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.70*	
		For Powder Coating, Add	*5.37*	
05 53 13 00-0040	SF	1-3/4" x 3/16" Aluminum, Pressure Locked Grating	42.60	1.34
		For Bearing Bars At 15/16" On-Center, Add	*11.65*	
		For Crossbars At 2" On-Center, Add	*4.31*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.80*	
		For Powder Coating, Add	*5.99*	
05 53 13 00-0041	SF	2" x 3/16" Aluminum, Pressure Locked Grating	47.46	1.34
		For Bearing Bars At 15/16" On-Center, Add	*13.07*	
		For Crossbars At 2" On-Center, Add	*4.84*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.92*	
		For Powder Coating, Add	*6.72*	
05 53 13 00-0042	SF	2-1/4" x 3/16" Aluminum, Pressure Locked Grating	51.28	1.34
		For Bearing Bars At 15/16" On-Center, Add	*14.19*	
		For Crossbars At 2" On-Center, Add	*5.25*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-3.02*	
		For Powder Coating, Add	*7.29*	
05 53 13 00-0043	SF	2-1/2" x 3/16" Aluminum, Pressure Locked Grating	55.82	1.34
		For Bearing Bars At 15/16" On-Center, Add	*15.51*	
		For Crossbars At 2" On-Center, Add	*5.74*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-3.13*	
		For Powder Coating, Add	*7.97*	

05 53 13 00-0044 Swage Locked Grating *(05 53 13)*

Note: Sizes are for height and width of bearing bars. Swage locked grating is an open grid grating where bearing bars are pre-punched to receive a cross bar without penetrating or cutting the top surface of the bearing bar. The cross bar is then inserted through the pre-punched hole and deformed by swaging or squeezing under hydraulic pressure to permanently lock the bars in place.

05 53 13 00-0045 Steel, Swage Locked Grating *(05 53 13 00-0044)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.

05 53 13 00-0046	SF	1" x 3/16" Steel, Swaged Grating	44.72	1.34
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.87*	
		For 304 Stainless Steel, Add	*69.69*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*26.90*	
		For Crossbars At 2" On-Center, Add	*3.36*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.85*	
05 53 13 00-0047	SF	1-1/4" x 3/16" Steel, Swaged Grating	49.90	1.34
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.34*	
		For 304 Stainless Steel, Add	*78.27*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*30.21*	
		For Crossbars At 2" On-Center, Add	*3.78*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.98*	
05 53 13 00-0048	SF	1-1/2" x 3/16" Steel, Swaged Grating	54.55	1.65
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.72*	
		For 304 Stainless Steel, Add	*84.99*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*32.81*	
		For Crossbars At 2" On-Center, Add	*4.10*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0049	SF	1-3/4" x 3/16" Steel, Swaged Grating	62.50	1.65
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.45*	
		For 304 Stainless Steel, Add	*98.17*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*37.89*	
		For Crossbars At 2" On-Center, Add	*4.74*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.68*	
05 53 13 00-0050	SF	2" x 3/16" Steel, Swaged Grating	70.48	1.65
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*6.18*	
		For 304 Stainless Steel, Add	*111.40*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*43.00*	
		For Crossbars At 2" On-Center, Add	*5.38*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.88*	
05 53 13 00-0051	SF	2-1/4" x 3/16" Steel, Swaged Grating	78.42	1.65
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*6.91*	
		For 304 Stainless Steel, Add	*124.57*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*48.08*	
		For Crossbars At 2" On-Center, Add	*6.01*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-4.08*	
05 53 13 00-0052	SF	2-1/2" x 3/16" Steel, Swaged Grating	86.40	1.65
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*7.65*	
		For 304 Stainless Steel, Add	*137.80*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*53.19*	
		For Crossbars At 2" On-Center, Add	*6.65*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-4.28*	

05 53 13 00-0053 Aluminum Grating, Type 6063, Swage Locked *(05 53 13 00-0044)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted in place, and in all sizes.

05 53 13 00-0054	SF	1" x 1/8" Aluminum, Swaged Grating	20.56	1.34
		For Bearing Bars At 15/16" On-Center, Add	*11.44*	
		For Crossbars At 2" On-Center, Add	*1.43*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.25*	
		For Powder Coating, Add	*2.68*	
05 53 13 00-0055	SF	1" x 3/16" Aluminum, Swaged Grating	26.54	1.34
		For Bearing Bars At 15/16" On-Center, Add	*15.26*	
		For Crossbars At 2" On-Center, Add	*1.91*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.40*	
		For Powder Coating, Add	*3.58*	
05 53 13 00-0056	SF	1-1/4" x 1/8" Aluminum, Swaged Grating	23.25	1.34
		For Bearing Bars At 15/16" On-Center, Add	*13.16*	
		For Crossbars At 2" On-Center, Add	*1.64*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.32*	
		For Powder Coating, Add	*3.08*	
05 53 13 00-0057	SF	1-1/4" x 3/16" Aluminum, Swaged Grating	30.56	1.34
		For Bearing Bars At 15/16" On-Center, Add	*17.84*	
		For Crossbars At 2" On-Center, Add	*2.23*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.50*	
		For Powder Coating, Add	*4.18*	
05 53 13 00-0058	SF	1-1/2" x 1/8" Aluminum, Swaged Grating	26.43	1.34
		For Bearing Bars At 15/16" On-Center, Add	*15.19*	
		For Crossbars At 2" On-Center, Add	*1.90*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.40*	
		For Powder Coating, Add	*3.56*	
05 53 13 00-0059	SF	1-1/2" x 3/16" Aluminum, Swaged Grating	34.87	1.34
		For Bearing Bars At 15/16" On-Center, Add	*20.60*	
		For Crossbars At 2" On-Center, Add	*2.57*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.61*	
		For Powder Coating, Add	*4.83*	
05 53 13 00-0060	SF	1-3/4" x 3/16" Aluminum, Swaged Grating	39.83	1.34
		For Bearing Bars At 15/16" On-Center, Add	*23.77*	
		For Crossbars At 2" On-Center, Add	*2.97*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.73*	
		For Powder Coating, Add	*5.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0061	SF	2" x 3/16" Aluminum, Swaged Grating	44.77	1.34
		For Bearing Bars At 15/16" On-Center, Add	*26.93*	
		For Crossbars At 2" On-Center, Add	*3.37*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.85*	
		For Powder Coating, Add	*6.31*	
05 53 13 00-0062	SF	2-1/4" x 3/16" Aluminum, Swaged Grating	49.73	1.34
		For Bearing Bars At 15/16" On-Center, Add	*30.11*	
		For Crossbars At 2" On-Center, Add	*3.76*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.98*	
		For Powder Coating, Add	*7.06*	
05 53 13 00-0063	SF	2-1/2" x 3/16" Aluminum, Swaged Grating	54.67	1.34
		For Bearing Bars At 15/16" On-Center, Add	*33.27*	
		For Crossbars At 2" On-Center, Add	*4.16*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-3.10*	
		For Powder Coating, Add	*7.80*	

05 53 13 00-0064 Riveted Grating *(05 53 13)*

Note: Riveted grating is an open grid grating where bearing bars are pre-punched to receive a solid round rivet. Crimp/lacing bars are pre-punched as well and then formed into a reticulated shape. Bearing bars and crimp bars are then assembled and clamped in place by rivets which are cold driven under hydraulic pressure to permanently lock the assembly together.

05 53 13 00-0065 Steel, Riveted Grating *(05 53 13 00-0064)*

Note: 1" clear opening, bolted or tack welded in place, unpainted steel, all sizes.

05 53 13 00-0066	SF	3/4" x 1/8", 7.0 Lb./SF, Steel, Riveted Grating	84.89	1.34
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.95*	
		For 304 Stainless Steel, Add	*70.61*	
		For 5/8" Clear Opening, Add	*28.36*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.86*	
05 53 13 00-0067	SF	3/4" x 3/16", 8.5 Lb./SF, Steel, Riveted Grating	99.94	1.34
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.67*	
		For 304 Stainless Steel, Add	*83.54*	
		For 5/8" Clear Opening, Add	*33.55*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-4.23*	
05 53 13 00-0068	SF	1" x 1/8", 8.0 Lb./SF, Steel, Riveted Grating	91.82	1.34
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.28*	
		For 304 Stainless Steel, Add	*76.56*	
		For 5/8" Clear Opening, Add	*30.75*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-4.03*	
05 53 13 00-0069	SF	1" x 3/16", 9.5 Lb./SF, Steel, Riveted Grating	105.67	1.34
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.94*	
		For 304 Stainless Steel, Add	*88.46*	
		For 5/8" Clear Opening, Add	*35.53*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-4.38*	
05 53 13 00-0070	SF	1-1/4" x 1/8", 9.0 Lb./SF, Steel, Riveted Grating	97.56	1.34
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.55*	
		For 304 Stainless Steel, Add	*81.49*	
		For 5/8" Clear Opening, Add	*32.73*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-4.17*	
05 53 13 00-0071	SF	1-1/4" x 3/16", 11.1 Lb./SF, Steel, Riveted Grating	116.35	1.34
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.46*	
		For 304 Stainless Steel, Add	*97.63*	
		For 5/8" Clear Opening, Add	*39.21*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-4.64*	
05 53 13 00-0072	SF	1-1/2" x 1/8", 10.1 Lb./SF, Steel, Riveted Grating	103.68	1.65
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.82*	
		For 304 Stainless Steel, Add	*86.24*	
		For 5/8" Clear Opening, Add	*34.63*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-4.71*	
05 53 13 00-0073	SF	1-1/2" x 3/16", 12.5 Lb./SF, Steel, Riveted Grating	123.77	1.65
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.78*	
		For 304 Stainless Steel, Add	*103.49*	
		For 5/8" Clear Opening, Add	*41.57*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-5.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0074	SF	1-3/4" x 3/16", 14.0 Lb./SF, Steel, Riveted Grating	134.02	1.65
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*6.28*	
		For 304 Stainless Steel, Add	*112.30*	
		For 5/8" Clear Opening, Add	*45.10*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-5.47*	
05 53 13 00-0075	SF	2" x 3/16", 17.0 Lb./SF, Steel, Riveted Grating	156.91	1.65
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*7.37*	
		For 304 Stainless Steel, Add	*131.96*	
		For 5/8" Clear Opening, Add	*53.00*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-6.04*	
05 53 13 00-0076	SF	2-1/4" x 3/16", 18.5 Lb./SF, Steel, Riveted Grating	164.89	1.65
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*7.76*	
		For 304 Stainless Steel, Add	*138.81*	
		For 5/8" Clear Opening, Add	*55.75*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-6.24*	
05 53 13 00-0077	SF	2-1/2" x 3/16", 20.0 Lb./SF, Steel, Riveted Grating	171.99	1.65
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*8.10*	
		For 304 Stainless Steel, Add	*144.91*	
		For 5/8" Clear Opening, Add	*58.20*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-6.42*	

05 53 13 00-0078 Aluminum, Riveted Grating *(05 53 13 00-0064)*

Note: 1" clear opening, bolted in place and in all sizes.

05 53 13 00-0079	SF	3/4" x 1/8", 2.4 Lb./SF, Aluminum, Riveted Grating	43.49	1.34
		For 5/8" Clear Opening, Add	*14.08*	
		For Set In Place Without Bolting, Deduct	*-2.82*	
		For Powder Coating, Add	*6.12*	
05 53 13 00-0080	SF	3/4" x 3/16", 2.9 Lb./SF, Aluminum, Riveted Grating	51.56	1.34
		For 5/8" Clear Opening, Add	*16.86*	
		For Set In Place Without Bolting, Deduct	*-3.02*	
		For Powder Coating, Add	*7.33*	
05 53 13 00-0081	SF	1" x 1/8", 2.7 Lb./SF, Aluminum, Riveted Grating	47.80	1.34
		For 5/8" Clear Opening, Add	*15.56*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.93*	
		For Powder Coating, Add	*6.77*	
05 53 13 00-0082	SF	1" x 3/16", 3.2 Lb./SF, Aluminum, Riveted Grating	55.69	1.34
		For 5/8" Clear Opening, Add	*18.29*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-3.13*	
		For Powder Coating, Add	*7.95*	
05 53 13 00-0083	SF	1-1/4" x 1/8", 3.1 Lb./SF, Aluminum, Riveted Grating	53.57	1.34
		For 5/8" Clear Opening, Add	*17.55*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-3.07*	
		For Powder Coating, Add	*7.63*	
05 53 13 00-0084	SF	1-1/4" x 3/16", 3.8 Lb./SF, Aluminum, Riveted Grating	64.52	1.34
		For 5/8" Clear Opening, Add	*21.33*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-3.35*	
		For Powder Coating, Add	*9.27*	
05 53 13 00-0085	SF	1-1/2" x 1/8", 3.4 Lb./SF, Aluminum, Riveted Grating	57.52	1.34
		For 5/8" Clear Opening, Add	*18.92*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-3.17*	
		For Powder Coating, Add	*8.22*	
05 53 13 00-0086	SF	1-1/2" x 3/16", 4.3 Lb./SF, Aluminum, Riveted Grating	71.41	1.34
		For 5/8" Clear Opening, Add	*23.71*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-3.52*	
		For Powder Coating, Add	*10.31*	
05 53 13 00-0087	SF	1-3/4" x 3/16", 4.8 Lb./SF, Aluminum, Riveted Grating	78.70	1.34
		For 5/8" Clear Opening, Add	*26.22*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-3.70*	
		For Powder Coating, Add	*11.40*	
05 53 13 00-0088	SF	2" x 3/16", 5.8 Lb./SF, Aluminum, Riveted Grating	93.67	1.34
		For 5/8" Clear Opening, Add	*31.39*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-4.08*	
		For Powder Coating, Add	*13.65*	
05 53 13 00-0089	SF	2-1/4" x 3/16", 6.4 Lb./SF, Aluminum, Riveted Grating	102.16	1.34
		For 5/8" Clear Opening, Add	*34.32*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-4.29*	
		For Powder Coating, Add	*14.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0090	SF	2-1/2" x 3/16", 7.2 Lb./SF, Aluminum, Riveted Grating	113.55	1.34
		For 5/8" Clear Opening, Add	*38.25*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-4.57*	
		For Powder Coating, Add	*16.63*	

05 54 Metal Floor Plates *(05 50)*

05 54 00 00-0001 Steel Floor Plates *(05 54)*

05 54 00 00-0002	SF	16 Gauge Steel Raised Or Diamond Pattern Floor Plates	18.72	1.58
05 54 00 00-0003	SF	14 Gauge Steel Raised Or Diamond Pattern Floor Plates	21.36	1.58
05 54 00 00-0004	SF	12 Gauge Steel Raised Or Diamond Pattern Floor Plates	26.68	1.58
05 54 00 00-0005	SF	1/8" Steel Raised Or Diamond Pattern Floor Plates	35.66	1.71
05 54 00 00-0006	SF	1/4" Steel Raised Or Diamond Pattern Floor Plates	45.20	1.83

05 54 00 00-0007 Aluminum Alloy Floor Plates *(05 54)*

05 54 00 00-0008	SF	0.125" Aluminum Alloy Raised Or Diamond Pattern Floor Plate	32.02	1.34
		For Powder Coating, Add	*4.40*	
05 54 00 00-0009	SF	0.188" Aluminum Alloy Raised Or Diamond Pattern Floor Plate	36.74	1.58
		For Powder Coating, Add	*5.05*	
05 54 00 00-0010	SF	0.25" Aluminum Alloy Raised Or Diamond Pattern Floor Plate	41.48	1.71
		For Powder Coating, Add	*5.71*	

05 54 00 00-0011 Type 304 Stainless Steel Floor Plates *(05 54)*

05 54 00 00-0012	SF	1/8" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate	39.48	1.83
05 54 00 00-0013	SF	3/16" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate	47.18	2.08
05 54 00 00-0014	SF	1/4" Type 304 Stainless Raised Or Diamond Pattern Steel Floor Plate	61.09	2.44

05 54 00 00-0015 Perforated Plates (SlipNOT) *(05 54)*

05 54 00 00-0016	SF	1/4" Steel Perforated Plates Plates, Welded, 3/8" Diameter On 9/16" Staggered Centers	139.06	6.33

05 55 Metal Stair Treads and Nosings *(05 50)*

05 55 13 Metal Stair Treads *(05 55)*

05 55 13 00-0001 Abrasive Cast Aluminum Stair Treads *(05 55 13)*

Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.

05 55 13 00-0002	LF	8" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	74.94	6.33
		For 3/8" Thick, Add	*16.20*	
05 55 13 00-0003	LF	9" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	82.74	6.33
		For 3/8" Thick, Add	*18.15*	
05 55 13 00-0004	LF	10" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	90.51	6.33
		For 3/8" Thick, Add	*20.10*	
05 55 13 00-0005	LF	11" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	98.34	6.33
		For 3/8" Thick, Add	*22.05*	
05 55 13 00-0006	LF	12" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	106.09	6.33
		For 3/8" Thick, Add	*23.99*	

05 55 13 00-0007 Abrasive Cast Iron Stair Treads *(05 55 13)*

Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.

05 55 13 00-0008	LF	8" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	105.18	6.33
05 55 13 00-0009	LF	9" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	116.73	6.33
05 55 13 00-0010	LF	10" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	128.31	6.33
05 55 13 00-0011	LF	11" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	139.86	6.33
05 55 13 00-0012	LF	12" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	151.44	6.33

05 55 13 00-0013 Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Treads *(05 55 13)*

Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.

05 55 13 00-0014	LF	6-1/2" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread	38.46	6.33
05 55 13 00-0015	LF	9" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread	45.53	6.33
05 55 13 00-0016	LF	11" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread	48.64	6.33

05 55 13 00-0017 Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Treads *(05 55 13)*

Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.

05 55 13 00-0018	LF	8" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	57.96	6.33
		For Epoxy Sealed For Corrosive Environment, Add	*4.91*	
		For Two Color Tread, Add	*3.68*	
05 55 13 00-0019	LF	9" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	58.55	6.33
		For Epoxy Sealed For Corrosive Environment, Add	*4.91*	
		For Two Color Tread, Add	*3.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 55 13 00-0020	LF	11" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	71.26	6.33
		For Epoxy Sealed For Corrosive Environment, Add	*4.91*	
		For Two Color Tread, Add	*3.68*	
05 55 13 00-0021	LF	12" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	82.39	6.33
		For Epoxy Sealed For Corrosive Environment, Add	*4.91*	
		For Two Color Tread, Add	*3.68*	
05 55 13 00-0022	LF	15" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	96.91	6.33
		For Epoxy Sealed For Corrosive Environment, Add	*4.91*	
		For Two Color Tread, Add	*3.68*	
05 55 13 00-0023		Stair Landing Treads *(05 55 13)*		
05 55 13 00-0024		Abrasive Cast Aluminum Stair Landing Treads *(05 55 13 00-0023)*		
		Note: Includes abrasive diamond pattern surface and anchors.		
05 55 13 00-0025	SF	5/16" Thick, Abrasive Cast Aluminum Landing Treads	106.09	6.33
		For 3/8" Thick, Add	*23.99*	
05 55 13 00-0026		Abrasive Cast Iron Stair Landing Treads *(05 55 13 00-0023)*		
		Note: Includes abrasive diamond pattern surface and anchors.		
05 55 13 00-0027	SF	3/8" Thick, Abrasive Cast Iron Landing Treads	151.44	6.33
05 55 13 00-0028		Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads *(05 55 13 00-0023)*		
		Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.		
05 55 13 00-0029	SF	9/32" Thick, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads	98.19	6.33
		For Epoxy Sealed For Corrosive Environment, Add	*4.91*	
05 55 13 00-0030		Open Cast Iron Stair Tread *(05 55 13)*		
		Note: Includes steel stringers, safety nosing and 2 pipe handrail. Excludes landings.		
05 55 13 00-0031	RSR	3'-6" Wide, Open Cast Iron Stair Tread	651.56	48.81
		For Closed Riser, Add	*55.64*	
05 55 13 00-0032	RSR	4'-0" Wide, Open Cast Iron Stair Tread	733.52	56.12
		For Closed Riser, Add	*62.47*	
05 55 13 00-0033	RSR	5'-0" Wide, Open Cast Iron Stair Tread	809.52	65.89
		For Closed Riser, Add	*68.85*	
05 55 13 00-0034		Perforated Stair Tread (SlipNOT) *(05 55 13)*		
05 55 13 00-0035	LF	1/4" x 12 5/8" Steel Perforated Plates Treads, Welded, With 6-1/2" Riser And 2" Nosing	253.98	6.33
05 55 16		**Metal Stair Nosings** *(05 55)*		
05 55 16 00-0001		Abrasive Cast Aluminum Nosings *(05 55 16)*		
		Note: Includes abrasive diamond pattern surface and anchors.		
05 55 16 00-0002	LF	3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing	31.04	4.32
		For 3/8" Thick, Add	*6.04*	
05 55 16 00-0003	LF	4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing	38.57	4.32
		For 3/8" Thick, Add	*7.92*	
05 55 16 00-0004	LF	6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing	55.35	4.32
		For 3/8" Thick, Add	*12.11*	
05 55 16 00-0005		Abrasive Cast Iron Nosings *(05 55 16)*		
		Note: Includes abrasive diamond pattern surface and anchors.		
05 55 16 00-0006	LF	3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing	36.53	4.32
		For 3/8" Thick, Add	*7.41*	
05 55 16 00-0007	LF	4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing	45.80	4.32
		For 3/8" Thick, Add	*9.73*	
05 55 16 00-0008	LF	6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing	64.13	4.32
		For 3/8" Thick, Add	*14.31*	
05 55 16 00-0009		Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosings *(05 55 16)*		
		Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.		
05 55 16 00-0010	LF	1-7/8" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	25.94	4.32
05 55 16 00-0011	LF	3" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	29.57	4.32
05 55 16 00-0012	LF	4" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	32.34	4.32
05 55 16 00-0013	LF	6" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	40.95	4.32
05 55 16 00-0014	LF	1-7/8" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	26.92	4.32
05 55 16 00-0015	LF	3" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	30.01	4.32
05 55 16 00-0016	LF	4" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	33.07	4.32
05 55 16 00-0017	LF	3" Depth, 1/4" Thick, 1-3/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	31.21	4.32
05 55 16 00-0018		Perforated Stair Nosing (SlipNOT) *(05 55 16)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 55 16 00-0019	LF	1/4" x 2" Steel Nosings With 2" Bend, Welded, Nosings/Risers To Have (2) 1/2" Diameter	54.58	4.32
05 55 16 00-0020	LF	1/4" x 6" Steel Plates With 6-1/2" Bend, Welded, Nosings/Risers To Have (2) 1/2" Diameter	104.59	6.33

05 56 Metal Castings *(05 50)*

05 56 00 00-0001 Castings *(05 56)*

05 56 00 00-0002	LB	Up To 150 Lb., Miscellaneous Castings, Light Section	5.23	0.61
05 56 00 00-0003	LB	>150 Lb., Miscellaneous Castings, Heavy Section	8.75	0.48

05 58 Formed Metal Fabrications *(05 50)*

05 58 16 Formed Metal Enclosures *(05 58)*

05 58 16 00-0001 Drip Pan *(05 58 16)*

05 58 16 00-0002	SF	Stainless Steel Drip Pan	119.62	6.80
05 58 16 00-0003	SF	Galvanized Steel Drip Pan	118.15	6.80
05 58 16 00-0004	SF	Aluminum Drip Pan	82.84	5.44
05 58 16 00-0005	SF	Plastic Drip Pan	21.03	4.76

05 58 23 Formed Metal Guards *(05 58)*

05 58 23 00-0001 Protective Guard Rails *(05 58 23)*

Note: Includes painted finish.

05 58 23 00-0002 2-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0001)*

Note: Steel King Armor Guard.

05 58 23 00-0003 Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0002)*

Note: Excludes posts. Includes fasteners.

05 58 23 00-0004	EA	1' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	216.34	20.72
05 58 23 00-0005	EA	2' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	255.33	20.72
05 58 23 00-0006	EA	3' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	292.12	20.72
05 58 23 00-0007	EA	4' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	331.11	20.72
05 58 23 00-0008	EA	5' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	368.11	20.72
05 58 23 00-0009	EA	6' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	416.06	20.72
05 58 23 00-0010	EA	7' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	448.74	20.72
05 58 23 00-0011	EA	8' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	499.33	20.72
05 58 23 00-0012	EA	9' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	532.52	20.72
05 58 23 00-0013	EA	10' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	556.24	20.72

05 58 23 00-0014 Posts For 2-Rib Guard Rails *(05 58 23 00-0002)*

Note: Includes drilling, surface mounting plate and anchors.

05 58 23 00-0015	EA	12" Height, Single Rail Post For 2-Rib Guard Rails	432.02	43.16
05 58 23 00-0016	EA	42" Height, Triple Rail Post For 2-Rib Guard Rails	567.45	43.16

05 58 23 00-0017 3-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0001)*

Note: Steel King Steel Guard.

05 58 23 00-0018 Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0017)*

Note: Excludes posts. Includes fasteners.

05 58 23 00-0019	EA	1' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	239.84	20.72
05 58 23 00-0020	EA	2' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	265.77	20.72
05 58 23 00-0021	EA	3' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	298.12	20.72
05 58 23 00-0022	EA	4' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	328.37	20.72
05 58 23 00-0023	EA	5' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	363.36	20.72
05 58 23 00-0024	EA	6' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	380.23	20.72
05 58 23 00-0025	EA	7' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	420.81	20.72
05 58 23 00-0026	EA	8' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	455.06	20.72
05 58 23 00-0027	EA	9' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	491.42	20.72
05 58 23 00-0028	EA	10' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	528.31	20.72

05 58 23 00-0029 Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0017)*

Note: Excludes posts. Includes fasteners and lift-out mounting plate.

05 58 23 00-0030	EA	1' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	356.51	20.72
05 58 23 00-0031	EA	2' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	384.97	20.72
05 58 23 00-0032	EA	3' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	414.48	20.72
05 58 23 00-0033	EA	4' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	448.74	20.72
05 58 23 00-0034	EA	5' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	482.99	20.72
05 58 23 00-0035	EA	6' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	510.92	20.72
05 58 23 00-0036	EA	7' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	543.06	20.72
05 58 23 00-0037	EA	8' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	579.43	20.72
05 58 23 00-0038	EA	9' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	618.42	20.72
05 58 23 00-0039	EA	10' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	652.68	20.72

05 58 23 00-0040 Posts For 3-Rib Guard Rails *(05 58 23 00-0017)*

Note: Includes drilling, surface mounting plate and anchors.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 58 23 00-0041	EA	18" Height, Single Rail Post For 3-Rib Guard Rails	378.06	43.16
05 58 23 00-0042	EA	42" Height, Double Rail Post For 3-Rib Guard Rails	487.88	43.16
05 58 23 00-0043		All-Welded, Protective Guards *(05 58 23)*		
		Note: Surface mounted inverted-U style protective barriers. Includes painted finish, drilling, surface mounting plate and anchors.		
05 58 23 00-0044		All-Welded, Protective Guards *(05 58 23 00-0043)*		
05 58 23 00-0045	EA	36" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	492.93	57.54
05 58 23 00-0046	EA	48" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	519.28	57.54
05 58 23 00-0047	EA	36" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	534.57	57.54
05 58 23 00-0048	EA	48" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	557.23	57.54
05 58 23 00-0049	EA	36" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	551.96	57.54
05 58 23 00-0050	EA	48" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	579.89	57.54
05 58 23 00-0051	EA	36" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	587.79	57.54
05 58 23 00-0052	EA	48" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	596.75	57.54
05 58 23 00-0053	EA	48" Length, 42" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	639.43	57.54
05 58 23 00-0054		Corner Style, All-Welded, Protective Guards *(05 58 23 00-0043)*		
05 58 23 00-0055	EA	24" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	656.30	57.54
05 58 23 00-0056	EA	30" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	687.92	57.54
05 58 23 00-0057	EA	24" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	701.09	57.54
05 58 23 00-0058	EA	30" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	765.91	57.54
05 58 23 00-0059		Warehouse Safety Bollards *(05 58 23)*		
		Note: Includes painted finish, drilling, surface mounting plate and anchors.		
05 58 23 00-0060	EA	24" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	298.62	43.16
05 58 23 00-0061	EA	36" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	350.69	43.16
05 58 23 00-0062	EA	42" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	405.81	43.16
05 58 23 00-0063	EA	36" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	420.88	43.16
05 58 23 00-0064	EA	42" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	455.66	43.16

05 59 Metal Specialties *(05 50)*

05 59 65 Metal Chain *(05 59)*

05 59 65 00-0001		Alloy Steel Chain, Self Colored, Cut Length *(05 59 65)*		
		Note: Includes all connecting links, double clevis mid-Links, slip or grab hooks, or shackles as required.		
05 59 65 00-0002	LF	3/16" Diameter Alloy Steel Chain, Cut Length, Self Colored	6.28	1.18
		For Plastic Dipped, Add	*0.59*	
05 59 65 00-0003	LF	1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored	8.67	1.57
		For Plastic Dipped, Add	*0.83*	
05 59 65 00-0004	LF	3/8" Diameter Alloy Steel Chain, Cut Length, Self Colored	13.72	3.14
		For Plastic Dipped, Add	*1.12*	
05 59 65 00-0005	LF	1/2" Diameter Alloy Steel Chain, Cut Length, Self Colored	22.03	5.29
		For Plastic Dipped, Add	*1.72*	
05 59 65 00-0006	LF	5/8" Diameter Alloy Steel Chain, Cut Length, Self Colored	37.19	8.94
		For Plastic Dipped, Add	*2.90*	
05 59 65 00-0007	LF	3/4" Diameter Alloy Steel Chain, Cut Length, Self Colored	52.20	12.55
		For Plastic Dipped, Add	*4.07*	
05 59 65 00-0008	LF	7/8" Diameter Alloy Steel Chain, Cut Length, Self Colored	71.10	15.69
		For Plastic Dipped, Add	*5.96*	
05 59 65 00-0009	LF	1" Diameter Alloy Steel Chain, Cut Length, Self Colored	102.75	20.91
		For Plastic Dipped, Add	*9.14*	
05 59 65 00-0010	LF	1-1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored	167.00	31.37
		For Plastic Dipped, Add	*15.64*	
05 59 65 00-0011		316L Stainless Steel Chain, Cut Length *(05 59 65)*		
05 59 65 00-0012	CLF	1/8" Diameter 316L Stainless Steel Chain, Cut Length	2,629.18	104.54
05 59 65 00-0013	CLF	3/16" Diameter 316L Stainless Steel Chain, Cut Length	3,234.63	125.49
05 59 65 00-0014	CLF	9/32" Diameter 316L Stainless Steel Chain, Cut Length	4,054.60	156.86
05 59 65 00-0015	CLF	5/16" Diameter 316L Stainless Steel Chain, Cut Length	5,476.92	209.20
05 59 65 00-0016	CLF	3/8" Diameter 316L Stainless Steel Chain, Cut Length	6,248.15	313.73
05 59 65 00-0017	CLF	1/2" Diameter 316L Stainless Steel Chain, Cut Length	9,440.89	522.93

05 59 69 Metal Panels *(05 59)*

05 59 69 00-0001		Woven And Welded Wire Cloth *(05 59 69)*
		Note: Excludes frame and fastening to frame. See CSI section 05 05 21 00-0004 for spot welding.
05 59 69 00-0002		Plain Steel Woven And Welded Wire Cloth Panels *(05 59 69 00-0001)*
05 59 69 00-0003		2" Square Wire Spacing *(05 59 69 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0004	SF	0.12" Thick Wire, 2" Spacing, 0.44 Lb./SF, Woven And Welded Wire Cloth Panels	9.14	3.35
		For Up To 2, Add	*2.72*	
		For >2 To 6, Add	*1.58*	
		For >15 To 40, Deduct	*-0.23*	
		For >40, Deduct	*-0.70*	
		For Galvanized, Add	*2.05*	
		For Aluminum, Add	*2.80*	
		For 304 Stainless Steel, Add	*11.21*	
		For 316 Stainless Steel, Add	*12.84*	
05 59 69 00-0005	SF	0.135" Thick Wire, 2" Spacing, 0.55 Lb./SF, Woven And Welded Wire Cloth Panels	9.79	3.49
		For Up To 2, Add	*2.89*	
		For >2 To 6, Add	*1.68*	
		For >15 To 40, Deduct	*-0.26*	
		For >40, Deduct	*-0.77*	
		For Galvanized, Add	*2.26*	
		For Aluminum, Add	*3.08*	
		For 304 Stainless Steel, Add	*12.31*	
		For 316 Stainless Steel, Add	*14.11*	
05 59 69 00-0006	SF	0.148" Thick Wire, 2" Spacing, 0.65 Lb./SF, Woven And Welded Wire Cloth Panels	10.46	3.87
		For Up To 2, Add	*3.12*	
		For >2 To 6, Add	*1.82*	
		For >15 To 40, Deduct	*-0.27*	
		For >40, Deduct	*-0.80*	
		For Galvanized, Add	*2.34*	
		For Aluminum, Add	*3.19*	
		For 304 Stainless Steel, Add	*12.74*	
		For 316 Stainless Steel, Add	*14.60*	
05 59 69 00-0007	SF	0.162" Thick Wire, 2" Spacing, 0.78 Lb./SF, Woven And Welded Wire Cloth Panels	11.01	4.03
		For Up To 2, Add	*3.28*	
		For >2 To 6, Add	*1.91*	
		For >15 To 40, Deduct	*-0.28*	
		For >40, Deduct	*-0.85*	
		For Galvanized, Add	*2.48*	
		For Aluminum, Add	*3.38*	
		For 304 Stainless Steel, Add	*13.54*	
		For 316 Stainless Steel, Add	*15.51*	
05 59 69 00-0008	SF	0.177" Thick Wire, 2" Spacing, 0.92 Lb./SF, Woven And Welded Wire Cloth Panels	12.09	4.52
		For Up To 2, Add	*3.62*	
		For >2 To 6, Add	*2.11*	
		For >15 To 40, Deduct	*-0.30*	
		For >40, Deduct	*-0.91*	
		For Galvanized, Add	*2.67*	
		For Aluminum, Add	*3.64*	
		For 304 Stainless Steel, Add	*14.54*	
		For 316 Stainless Steel, Add	*16.67*	
05 59 69 00-0009	SF	0.192" Thick Wire, 2" Spacing, 1.08 Lb./SF, Woven And Welded Wire Cloth Panels	13.82	5.03
		For Up To 2, Add	*4.11*	
		For >2 To 6, Add	*2.39*	
		For >15 To 40, Deduct	*-0.36*	
		For >40, Deduct	*-1.07*	
		For Galvanized, Add	*3.13*	
		For Aluminum, Add	*4.27*	
		For 304 Stainless Steel, Add	*17.06*	
		For 316 Stainless Steel, Add	*19.55*	
05 59 69 00-0010	SF	0.207" Thick Wire, 2" Spacing, 1.25 Lb./SF, Woven And Welded Wire Cloth Panels	15.61	5.54
		For Up To 2, Add	*4.60*	
		For >2 To 6, Add	*2.67*	
		For >15 To 40, Deduct	*-0.41*	
		For >40, Deduct	*-1.23*	
		For Galvanized, Add	*3.62*	
		For Aluminum, Add	*4.94*	
		For 304 Stainless Steel, Add	*19.75*	
		For 316 Stainless Steel, Add	*22.63*	
05 59 69 00-0011	SF	0.225" Thick Wire, 2" Spacing, 1.46 Lb./SF, Woven And Welded Wire Cloth Panels	17.81	6.15
		For Up To 2, Add	*5.20*	
		For >2 To 6, Add	*3.01*	
		For >15 To 40, Deduct	*-0.48*	
		For >40, Deduct	*-1.44*	
		For Galvanized, Add	*4.23*	
		For Aluminum, Add	*5.77*	
		For 304 Stainless Steel, Add	*23.09*	
		For 316 Stainless Steel, Add	*26.46*	

05 59 69 00-0012 1-3/4" Square Wire Spacing *(05 59 69 00-0002)*

05 59 69 00-0013	SF	0.12" Thick Wire, 1-3/4" Spacing, 0.49 Lb./SF, Woven And Welded Wire Cloth Panels	9.59	3.55
		For Up To 2, Add	*2.86*	
		For >2 To 6, Add	*1.67*	
		For >15 To 40, Deduct	*-0.24*	
		For >40, Deduct	*-0.73*	
		For Galvanized, Add	*2.14*	
		For Aluminum, Add	*2.92*	
		For 304 Stainless Steel, Add	*11.66*	
		For 316 Stainless Steel, Add	*13.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0014	SF	0.135" Thick Wire, 1-3/4" Spacing, 0.62 Lb./SF, Woven And Welded Wire Cloth Panels	10.50	3.74
		For Up To 2, Add	*3.10*	
		For >2 To 6, Add	*1.80*	
		For >15 To 40, Deduct	*-0.28*	
		For >40, Deduct	*-0.83*	
		For Galvanized, Add	*2.42*	
		For Aluminum, Add	*3.31*	
		For 304 Stainless Steel, Add	*13.22*	
		For 316 Stainless Steel, Add	*15.15*	
05 59 69 00-0015	SF	0.148" Thick Wire, 1-3/4" Spacing, 0.74 Lb./SF, Woven And Welded Wire Cloth Panels	11.35	4.19
		For Up To 2, Add	*3.39*	
		For >2 To 6, Add	*1.98*	
		For >15 To 40, Deduct	*-0.29*	
		For >40, Deduct	*-0.86*	
		For Galvanized, Add	*2.53*	
		For Aluminum, Add	*3.45*	
		For 304 Stainless Steel, Add	*13.80*	
		For 316 Stainless Steel, Add	*15.81*	
05 59 69 00-0016	SF	0.162" Thick Wire, 1-3/4" Spacing, 0.88 Lb./SF, Woven And Welded Wire Cloth Panels	11.84	4.33
		For Up To 2, Add	*3.52*	
		For >2 To 6, Add	*2.05*	
		For >15 To 40, Deduct	*-0.30*	
		For >40, Deduct	*-0.91*	
		For Galvanized, Add	*2.67*	
		For Aluminum, Add	*3.64*	
		For 304 Stainless Steel, Add	*14.54*	
		For 316 Stainless Steel, Add	*16.67*	
05 59 69 00-0017	SF	0.177" Thick Wire, 1-3/4" Spacing, 1.04 Lb./SF, Woven And Welded Wire Cloth Panels	12.99	4.86
		For Up To 2, Add	*3.89*	
		For >2 To 6, Add	*2.27*	
		For >15 To 40, Deduct	*-0.33*	
		For >40, Deduct	*-0.98*	
		For Galvanized, Add	*2.87*	
		For Aluminum, Add	*3.91*	
		For 304 Stainless Steel, Add	*15.65*	
		For 316 Stainless Steel, Add	*17.93*	
05 59 69 00-0018	SF	0.192" Thick Wire, 1-3/4" Spacing, 1.22 Lb./SF, Woven And Welded Wire Cloth Panels	14.88	5.43
		For Up To 2, Add	*4.42*	
		For >2 To 6, Add	*2.57*	
		For >15 To 40, Deduct	*-0.38*	
		For >40, Deduct	*-1.15*	
		For Galvanized, Add	*3.37*	
		For Aluminum, Add	*4.59*	
		For 304 Stainless Steel, Add	*18.36*	
		For 316 Stainless Steel, Add	*21.04*	
05 59 69 00-0019	SF	0.207" Thick Wire, 1-3/4" Spacing, 1.41 Lb./SF, Woven And Welded Wire Cloth Panels	16.78	5.95
		For Up To 2, Add	*4.94*	
		For >2 To 6, Add	*2.87*	
		For >15 To 40, Deduct	*-0.44*	
		For >40, Deduct	*-1.33*	
		For Galvanized, Add	*3.89*	
		For Aluminum, Add	*5.31*	
		For 304 Stainless Steel, Add	*21.24*	
		For 316 Stainless Steel, Add	*24.34*	
05 59 69 00-0020	SF	0.225" Thick Wire, 1-3/4" Spacing, 1.65 Lb./SF, Woven And Welded Wire Cloth Panels	19.18	6.61
		For Up To 2, Add	*5.60*	
		For >2 To 6, Add	*3.24*	
		For >15 To 40, Deduct	*-0.52*	
		For >40, Deduct	*-1.55*	
		For Galvanized, Add	*4.55*	
		For Aluminum, Add	*6.21*	
		For 304 Stainless Steel, Add	*24.84*	
		For 316 Stainless Steel, Add	*28.46*	
05 59 69 00-0021		1-1/2" Square Wire Spacing *(05 59 69 00-0002)*		
05 59 69 00-0022	SF	0.12" Thick Wire, 1-1/2" Spacing, 0.57 Lb./SF, Woven And Welded Wire Cloth Panels	10.63	3.95
		For Up To 2, Add	*3.17*	
		For >2 To 6, Add	*1.85*	
		For >15 To 40, Deduct	*-0.27*	
		For >40, Deduct	*-0.81*	
		For Galvanized, Add	*2.37*	
		For Aluminum, Add	*3.23*	
		For 304 Stainless Steel, Add	*12.94*	
		For 316 Stainless Steel, Add	*14.82*	
05 59 69 00-0023	SF	0.135" Thick Wire, 1-1/2" Spacing, 0.72 Lb./SF, Woven And Welded Wire Cloth Panels	11.62	4.14
		For Up To 2, Add	*3.43*	
		For >2 To 6, Add	*1.99*	
		For >15 To 40, Deduct	*-0.30*	
		For >40, Deduct	*-0.91*	
		For Galvanized, Add	*2.68*	
		For Aluminum, Add	*3.65*	
		For 304 Stainless Steel, Add	*14.62*	
		For 316 Stainless Steel, Add	*16.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0024	SF	0.148" Thick Wire, 1-1/2" Spacing, 0.85 Lb./SF, Woven And Welded Wire Cloth Panels	12.41	4.59
		For Up To 2, Add	*3.71*	
		For >2 To 6, Add	*2.16*	
		For >15 To 40, Deduct	*-0.31*	
		For >40, Deduct	*-0.94*	
		For Galvanized, Add	*2.77*	
		For Aluminum, Add	*3.77*	
		For 304 Stainless Steel, Add	*15.10*	
		For 316 Stainless Steel, Add	*17.30*	
05 59 69 00-0025	SF	0.162" Thick Wire, 1-1/2" Spacing, 1.02 Lb./SF, Woven And Welded Wire Cloth Panels	13.06	4.78
		For Up To 2, Add	*3.89*	
		For >2 To 6, Add	*2.26*	
		For >15 To 40, Deduct	*-0.33*	
		For >40, Deduct	*-1.00*	
		For Galvanized, Add	*2.94*	
		For Aluminum, Add	*4.01*	
		For 304 Stainless Steel, Add	*16.06*	
		For 316 Stainless Steel, Add	*18.40*	
05 59 69 00-0026	SF	0.177" Thick Wire, 1-1/2" Spacing, 1.2 Lb./SF, Woven And Welded Wire Cloth Panels	14.30	5.34
		For Up To 2, Add	*4.29*	
		For >2 To 6, Add	*2.50*	
		For >15 To 40, Deduct	*-0.36*	
		For >40, Deduct	*-1.08*	
		For Galvanized, Add	*3.15*	
		For Aluminum, Add	*4.30*	
		For 304 Stainless Steel, Add	*17.21*	
		For 316 Stainless Steel, Add	*19.72*	
05 59 69 00-0027	SF	0.192" Thick Wire, 1-1/2" Spacing, 1.4 Lb./SF, Woven And Welded Wire Cloth Panels	16.25	5.93
		For Up To 2, Add	*4.83*	
		For >2 To 6, Add	*2.81*	
		For >15 To 40, Deduct	*-0.42*	
		For >40, Deduct	*-1.25*	
		For Galvanized, Add	*3.68*	
		For Aluminum, Add	*5.02*	
		For 304 Stainless Steel, Add	*20.06*	
		For 316 Stainless Steel, Add	*22.99*	
05 59 69 00-0028	SF	0.207" Thick Wire, 1-1/2" Spacing, 1.62 Lb./SF, Woven And Welded Wire Cloth Panels	18.36	6.51
		For Up To 2, Add	*5.41*	
		For >2 To 6, Add	*3.14*	
		For >15 To 40, Deduct	*-0.48*	
		For >40, Deduct	*-1.45*	
		For Galvanized, Add	*4.26*	
		For Aluminum, Add	*5.81*	
		For 304 Stainless Steel, Add	*23.23*	
		For 316 Stainless Steel, Add	*26.62*	
05 59 69 00-0029	SF	0.225" Thick Wire, 1-1/2" Spacing, 1.89 Lb./SF, Woven And Welded Wire Cloth Panels	20.90	7.22
		For Up To 2, Add	*6.10*	
		For >2 To 6, Add	*3.53*	
		For >15 To 40, Deduct	*-0.56*	
		For >40, Deduct	*-1.69*	
		For Galvanized, Add	*4.97*	
		For Aluminum, Add	*6.77*	
		For 304 Stainless Steel, Add	*27.10*	
		For 316 Stainless Steel, Add	*31.05*	

05 59 69 00-0030 1-1/4" Square Wire Spacing *(05 59 69 00-0002)*

05 59 69 00-0031	SF	0.105" Thick Wire, 1-1/4" Spacing, 0.52 Lb./SF, Woven And Welded Wire Cloth Panels	10.97	4.26
		For Up To 2, Add	*3.33*	
		For >2 To 6, Add	*1.95*	
		For >15 To 40, Deduct	*-0.26*	
		For >40, Deduct	*-0.79*	
		For Galvanized, Add	*2.32*	
		For Aluminum, Add	*3.17*	
		For 304 Stainless Steel, Add	*12.67*	
		For 316 Stainless Steel, Add	*14.52*	
05 59 69 00-0032	SF	0.12" Thick Wire, 1-1/4" Spacing, 0.68 Lb./SF, Woven And Welded Wire Cloth Panels	11.81	4.47
		For Up To 2, Add	*3.55*	
		For >2 To 6, Add	*2.08*	
		For >15 To 40, Deduct	*-0.29*	
		For >40, Deduct	*-0.88*	
		For Galvanized, Add	*2.57*	
		For Aluminum, Add	*3.51*	
		For 304 Stainless Steel, Add	*14.04*	
		For 316 Stainless Steel, Add	*16.09*	
05 59 69 00-0033	SF	0.135" Thick Wire, 1-1/4" Spacing, 0.85 Lb./SF, Woven And Welded Wire Cloth Panels	12.75	4.66
		For Up To 2, Add	*3.79*	
		For >2 To 6, Add	*2.21*	
		For >15 To 40, Deduct	*-0.33*	
		For >40, Deduct	*-0.98*	
		For Galvanized, Add	*2.88*	
		For Aluminum, Add	*3.92*	
		For 304 Stainless Steel, Add	*15.70*	
		For 316 Stainless Steel, Add	*17.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0034	SF	0.148" Thick Wire, 1-1/4" Spacing, 1.01 Lb./SF, Woven And Welded Wire Cloth Panels	13.12	4.74
		For Up To 2, Add	*3.89*	
		For >2 To 6, Add	*2.26*	
		For >15 To 40, Deduct	*-0.34*	
		For >40, Deduct	*-1.02*	
		For Galvanized, Add	*2.99*	
		For Aluminum, Add	*4.08*	
		For 304 Stainless Steel, Add	*16.32*	
		For 316 Stainless Steel, Add	*18.70*	
05 59 69 00-0035	SF	0.162" Thick Wire, 1-1/4" Spacing, 1.2 Lb./SF, Woven And Welded Wire Cloth Panels	14.30	5.35
		For Up To 2, Add	*4.29*	
		For >2 To 6, Add	*2.50*	
		For >15 To 40, Deduct	*-0.36*	
		For >40, Deduct	*-1.07*	
		For Galvanized, Add	*3.15*	
		For Aluminum, Add	*4.30*	
		For 304 Stainless Steel, Add	*17.18*	
		For 316 Stainless Steel, Add	*19.69*	
05 59 69 00-0036	SF	0.177" Thick Wire, 1-1/4" Spacing, 1.42 Lb./SF, Woven And Welded Wire Cloth Panels	16.11	6.03
		For Up To 2, Add	*4.83*	
		For >2 To 6, Add	*2.82*	
		For >15 To 40, Deduct	*-0.40*	
		For >40, Deduct	*-1.21*	
		For Galvanized, Add	*3.56*	
		For Aluminum, Add	*4.85*	
		For 304 Stainless Steel, Add	*19.39*	
		For 316 Stainless Steel, Add	*22.22*	
05 59 69 00-0037	SF	0.192" Thick Wire, 1-1/4" Spacing, 1.65 Lb./SF, Woven And Welded Wire Cloth Panels	18.25	6.65
		For Up To 2, Add	*5.42*	
		For >2 To 6, Add	*3.15*	
		For >15 To 40, Deduct	*-0.47*	
		For >40, Deduct	*-1.41*	
		For Galvanized, Add	*4.13*	
		For Aluminum, Add	*5.63*	
		For 304 Stainless Steel, Add	*22.54*	
		For 316 Stainless Steel, Add	*25.82*	
05 59 69 00-0038	SF	0.207" Thick Wire, 1-1/4" Spacing, 1.9 Lb./SF, Woven And Welded Wire Cloth Panels	20.50	7.27
		For Up To 2, Add	*6.04*	
		For >2 To 6, Add	*3.50*	
		For >15 To 40, Deduct	*-0.54*	
		For >40, Deduct	*-1.62*	
		For Galvanized, Add	*4.76*	
		For Aluminum, Add	*6.49*	
		For 304 Stainless Steel, Add	*25.94*	
		For 316 Stainless Steel, Add	*29.73*	
05 59 69 00-0039	SF	0.225" Thick Wire, 1-1/4" Spacing, 2.22 Lb./SF, Woven And Welded Wire Cloth Panels	23.39	8.07
		For Up To 2, Add	*6.83*	
		For >2 To 6, Add	*3.95*	
		For >15 To 40, Deduct	*-0.63*	
		For >40, Deduct	*-1.89*	
		For Galvanized, Add	*5.56*	
		For Aluminum, Add	*7.58*	
		For 304 Stainless Steel, Add	*30.31*	
		For 316 Stainless Steel, Add	*34.73*	

05 59 69 00-0040 1" Square Wire Spacing *(05 59 69 00-0002)*

05 59 69 00-0041	SF	0.105" Thick Wire, 1" Spacing, 0.64 Lb./SF, Woven And Welded Wire Cloth Panels	12.56	4.99
		For Up To 2, Add	*3.84*	
		For >2 To 6, Add	*2.25*	
		For >15 To 40, Deduct	*-0.30*	
		For >40, Deduct	*-0.89*	
		For Galvanized, Add	*2.60*	
		For Aluminum, Add	*3.55*	
		For 304 Stainless Steel, Add	*14.18*	
		For 316 Stainless Steel, Add	*16.25*	
05 59 69 00-0042	SF	0.12" Thick Wire, 1" Spacing, 0.83 Lb./SF, Woven And Welded Wire Cloth Panels	13.41	5.19
		For Up To 2, Add	*4.07*	
		For >2 To 6, Add	*2.38*	
		For >15 To 40, Deduct	*-0.32*	
		For >40, Deduct	*-0.97*	
		For Galvanized, Add	*2.86*	
		For Aluminum, Add	*3.89*	
		For 304 Stainless Steel, Add	*15.58*	
		For 316 Stainless Steel, Add	*17.85*	
05 59 69 00-0043	SF	0.135" Thick Wire, 1" Spacing, 1.04 Lb./SF, Woven And Welded Wire Cloth Panels	13.97	5.43
		For Up To 2, Add	*4.24*	
		For >2 To 6, Add	*2.48*	
		For >15 To 40, Deduct	*-0.34*	
		For >40, Deduct	*-1.01*	
		For Galvanized, Add	*2.96*	
		For Aluminum, Add	*4.04*	
		For 304 Stainless Steel, Add	*16.15*	
		For 316 Stainless Steel, Add	*18.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0044	SF	0.148" Thick Wire, 1" Spacing, 1.23 Lb./SF, Woven And Welded Wire Cloth Panels	14.87	5.50
		For Up To 2, Add	*4.44*	
		For >2 To 6, Add	*2.59*	
		For >15 To 40, Deduct	*-0.38*	
		For >40, Deduct	*-1.13*	
		For Galvanized, Add	*3.31*	
		For Aluminum, Add	*4.52*	
		For 304 Stainless Steel, Add	*18.07*	
		For 316 Stainless Steel, Add	*20.71*	
05 59 69 00-0045	SF	0.162" Thick Wire, 1" Spacing, 1.46 Lb./SF, Woven And Welded Wire Cloth Panels	16.57	6.20
		For Up To 2, Add	*4.97*	
		For >2 To 6, Add	*2.90*	
		For >15 To 40, Deduct	*-0.42*	
		For >40, Deduct	*-1.25*	
		For Galvanized, Add	*3.65*	
		For Aluminum, Add	*4.98*	
		For 304 Stainless Steel, Add	*19.92*	
		For 316 Stainless Steel, Add	*22.83*	
05 59 69 00-0046	SF	0.177" Thick Wire, 1" Spacing, 1.72 Lb./SF, Woven And Welded Wire Cloth Panels	18.58	6.95
		For Up To 2, Add	*5.57*	
		For >2 To 6, Add	*3.25*	
		For >15 To 40, Deduct	*-0.47*	
		For >40, Deduct	*-1.40*	
		For Galvanized, Add	*4.10*	
		For Aluminum, Add	*5.59*	
		For 304 Stainless Steel, Add	*22.37*	
		For 316 Stainless Steel, Add	*25.63*	
05 59 69 00-0047	SF	0.192" Thick Wire, 1" Spacing, 2.01 Lb./SF, Woven And Welded Wire Cloth Panels	21.17	7.71
		For Up To 2, Add	*6.29*	
		For >2 To 6, Add	*3.66*	
		For >15 To 40, Deduct	*-0.54*	
		For >40, Deduct	*-1.63*	
		For Galvanized, Add	*4.79*	
		For Aluminum, Add	*6.53*	
		For 304 Stainless Steel, Add	*26.14*	
		For 316 Stainless Steel, Add	*29.95*	
05 59 69 00-0048	SF	0.207" Thick Wire, 1" Spacing, 2.31 Lb./SF, Woven And Welded Wire Cloth Panels	23.74	8.42
		For Up To 2, Add	*6.99*	
		For >2 To 6, Add	*4.06*	
		For >15 To 40, Deduct	*-0.63*	
		For >40, Deduct	*-1.88*	
		For Galvanized, Add	*5.51*	
		For Aluminum, Add	*7.51*	
		For 304 Stainless Steel, Add	*30.05*	
		For 316 Stainless Steel, Add	*34.43*	
05 59 69 00-0049	SF	0.225" Thick Wire, 1" Spacing, 2.69 Lb./SF, Woven And Welded Wire Cloth Panels	26.99	9.31
		For Up To 2, Add	*7.88*	
		For >2 To 6, Add	*4.56*	
		For >15 To 40, Deduct	*-0.73*	
		For >40, Deduct	*-2.19*	
		For Galvanized, Add	*6.42*	
		For Aluminum, Add	*8.75*	
		For 304 Stainless Steel, Add	*34.99*	
		For 316 Stainless Steel, Add	*40.10*	

05 59 69 00-0050 3/4" Square Wire Spacing *(05 59 69 00-0002)*

05 59 69 00-0051	SF	0.105" Thick Wire, 3/4" Spacing, 0.83 Lb./SF, Woven And Welded Wire Cloth Panels	12.69	4.98
		For Up To 2, Add	*3.87*	
		For >2 To 6, Add	*2.27*	
		For >15 To 40, Deduct	*-0.30*	
		For >40, Deduct	*-0.91*	
		For Galvanized, Add	*2.66*	
		For Aluminum, Add	*3.63*	
		For 304 Stainless Steel, Add	*14.52*	
		For 316 Stainless Steel, Add	*16.64*	
05 59 69 00-0052	SF	0.12" Thick Wire, 3/4" Spacing, 1.07 Lb./SF, Woven And Welded Wire Cloth Panels	14.17	5.59
		For Up To 2, Add	*4.32*	
		For >2 To 6, Add	*2.53*	
		For >15 To 40, Deduct	*-0.34*	
		For >40, Deduct	*-1.01*	
		For Galvanized, Add	*2.96*	
		For Aluminum, Add	*4.04*	
		For 304 Stainless Steel, Add	*16.15*	
		For 316 Stainless Steel, Add	*18.51*	
05 59 69 00-0053	SF	0.135" Thick Wire, 3/4" Spacing, 1.33 Lb./SF, Woven And Welded Wire Cloth Panels	15.72	6.31
		For Up To 2, Add	*4.82*	
		For >2 To 6, Add	*2.83*	
		For >15 To 40, Deduct	*-0.37*	
		For >40, Deduct	*-1.10*	
		For Galvanized, Add	*3.22*	
		For Aluminum, Add	*4.39*	
		For 304 Stainless Steel, Add	*17.57*	
		For 316 Stainless Steel, Add	*20.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0054	SF	0.148" Thick Wire, 3/4" Spacing, 1.58 Lb./SF, Woven And Welded Wire Cloth Panels	16.99	6.72
		For Up To 2, Add	*5.19*	
		For >2 To 6, Add	*3.05*	
		For >15 To 40, Deduct	*-0.40*	
		For >40, Deduct	*-1.20*	
		For Galvanized, Add	*3.52*	
		For Aluminum, Add	*4.81*	
		For 304 Stainless Steel, Add	*19.22*	
		For 316 Stainless Steel, Add	*22.03*	
05 59 69 00-0055	SF	0.162" Thick Wire, 3/4" Spacing, 1.87 Lb./SF, Woven And Welded Wire Cloth Panels	19.57	7.57
		For Up To 2, Add	*5.93*	
		For >2 To 6, Add	*3.47*	
		For >15 To 40, Deduct	*-0.47*	
		For >40, Deduct	*-1.42*	
		For Galvanized, Add	*4.17*	
		For Aluminum, Add	*5.69*	
		For 304 Stainless Steel, Add	*22.75*	
		For 316 Stainless Steel, Add	*26.07*	
05 59 69 00-0056	SF	0.177" Thick Wire, 3/4" Spacing, 2.2 Lb./SF, Woven And Welded Wire Cloth Panels	22.43	8.46
		For Up To 2, Add	*6.74*	
		For >2 To 6, Add	*3.94*	
		For >15 To 40, Deduct	*-0.56*	
		For >40, Deduct	*-1.67*	
		For Galvanized, Add	*4.91*	
		For Aluminum, Add	*6.69*	
		For 304 Stainless Steel, Add	*26.76*	
		For 316 Stainless Steel, Add	*30.66*	
05 59 69 00-0057	SF	0.192" Thick Wire, 3/4" Spacing, 2.56 Lb./SF, Woven And Welded Wire Cloth Panels	25.45	9.35
		For Up To 2, Add	*7.58*	
		For >2 To 6, Add	*4.42*	
		For >15 To 40, Deduct	*-0.65*	
		For >40, Deduct	*-1.95*	
		For Galvanized, Add	*5.71*	
		For Aluminum, Add	*7.79*	
		For 304 Stainless Steel, Add	*31.15*	
		For 316 Stainless Steel, Add	*35.70*	
05 59 69 00-0058	SF	0.207" Thick Wire, 3/4" Spacing, 2.93 Lb./SF, Woven And Welded Wire Cloth Panels	28.41	10.17
		For Up To 2, Add	*8.39*	
		For >2 To 6, Add	*4.88*	
		For >15 To 40, Deduct	*-0.74*	
		For >40, Deduct	*-2.23*	
		For Galvanized, Add	*6.53*	
		For Aluminum, Add	*8.91*	
		For 304 Stainless Steel, Add	*35.64*	
		For 316 Stainless Steel, Add	*40.84*	
05 59 69 00-0059	SF	0.225" Thick Wire, 3/4" Spacing, 3.41 Lb./SF, Woven And Welded Wire Cloth Panels	32.28	11.24
		For Up To 2, Add	*9.45*	
		For >2 To 6, Add	*5.48*	
		For >15 To 40, Deduct	*-0.86*	
		For >40, Deduct	*-2.59*	
		For Galvanized, Add	*7.61*	
		For Aluminum, Add	*10.37*	
		For 304 Stainless Steel, Add	*41.50*	
		For 316 Stainless Steel, Add	*47.55*	

05 59 69 00-0060 1/2" Square Wire Spacing *(05 59 69 00-0002)*

05 59 69 00-0061	SF	0.105" Thick Wire, 1/2" Spacing, 1.18 Lb./SF, Woven And Welded Wire Cloth Panels	13.30	5.33
		For Up To 2, Add	*4.08*	
		For >2 To 6, Add	*2.40*	
		For >15 To 40, Deduct	*-0.31*	
		For >40, Deduct	*-0.93*	
		For Galvanized, Add	*2.72*	
		For Aluminum, Add	*3.71*	
		For 304 Stainless Steel, Add	*14.86*	
		For 316 Stainless Steel, Add	*17.02*	
05 59 69 00-0062	SF	0.12" Thick Wire, 1/2" Spacing, 1.51 Lb./SF, Woven And Welded Wire Cloth Panels	15.65	6.47
		For Up To 2, Add	*4.86*	
		For >2 To 6, Add	*2.86*	
		For >15 To 40, Deduct	*-0.35*	
		For >40, Deduct	*-1.05*	
		For Galvanized, Add	*3.08*	
		For Aluminum, Add	*4.20*	
		For 304 Stainless Steel, Add	*16.80*	
		For 316 Stainless Steel, Add	*19.25*	
05 59 69 00-0063	SF	0.135" Thick Wire, 1/2" Spacing, 1.88 Lb./SF, Woven And Welded Wire Cloth Panels	18.85	7.67
		For Up To 2, Add	*5.81*	
		For >2 To 6, Add	*3.42*	
		For >15 To 40, Deduct	*-0.43*	
		For >40, Deduct	*-1.29*	
		For Galvanized, Add	*3.80*	
		For Aluminum, Add	*5.18*	
		For 304 Stainless Steel, Add	*20.71*	
		For 316 Stainless Steel, Add	*23.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0064	SF	0.148" Thick Wire, 1/2" Spacing, 2.22 Lb./SF, Woven And Welded Wire Cloth Panels	21.66	8.60
		For Up To 2, Add	*6.63*	
		For >2 To 6, Add	*3.89*	
		For >15 To 40, Deduct	*-0.51*	
		For >40, Deduct	*-1.53*	
		For Galvanized, Add	*4.48*	
		For Aluminum, Add	*6.11*	
		For 304 Stainless Steel, Add	*24.46*	
		For 316 Stainless Steel, Add	*28.02*	
05 59 69 00-0065	SF	0.162" Thick Wire, 1/2" Spacing, 2.61 Lb./SF, Woven And Welded Wire Cloth Panels	24.78	9.60
		For Up To 2, Add	*7.52*	
		For >2 To 6, Add	*4.40*	
		For >15 To 40, Deduct	*-0.60*	
		For >40, Deduct	*-1.80*	
		For Galvanized, Add	*5.27*	
		For Aluminum, Add	*7.19*	
		For 304 Stainless Steel, Add	*28.75*	
		For 316 Stainless Steel, Add	*32.95*	
05 59 69 00-0066	SF	0.177" Thick Wire, 1/2" Spacing, 3.06 Lb./SF, Woven And Welded Wire Cloth Panels	28.31	10.69
		For Up To 2, Add	*8.52*	
		For >2 To 6, Add	*4.97*	
		For >15 To 40, Deduct	*-0.70*	
		For >40, Deduct	*-2.11*	
		For Galvanized, Add	*6.18*	
		For Aluminum, Add	*8.42*	
		For 304 Stainless Steel, Add	*33.70*	
		For 316 Stainless Steel, Add	*38.61*	
05 59 69 00-0067	SF	0.192" Thick Wire, 1/2" Spacing, 3.54 Lb./SF, Woven And Welded Wire Cloth Panels	31.92	11.76
		For Up To 2, Add	*9.52*	
		For >2 To 6, Add	*5.54*	
		For >15 To 40, Deduct	*-0.81*	
		For >40, Deduct	*-2.44*	
		For Galvanized, Add	*7.15*	
		For Aluminum, Add	*9.75*	
		For 304 Stainless Steel, Add	*39.00*	
		For 316 Stainless Steel, Add	*44.69*	
05 59 69 00-0068	SF	0.207" Thick Wire, 1/2" Spacing, 4.04 Lb./SF, Woven And Welded Wire Cloth Panels	35.53	12.75
		For Up To 2, Add	*10.50*	
		For >2 To 6, Add	*6.10*	
		For >15 To 40, Deduct	*-0.93*	
		For >40, Deduct	*-2.78*	
		For Galvanized, Add	*8.16*	
		For Aluminum, Add	*11.12*	
		For 304 Stainless Steel, Add	*44.50*	
		For 316 Stainless Steel, Add	*50.99*	
05 59 69 00-0069	SF	0.225" Thick Wire, 1/2" Spacing, 4.68 Lb./SF, Woven And Welded Wire Cloth Panels	37.24	14.03
		For Up To 2, Add	*11.19*	
		For >2 To 6, Add	*6.53*	
		For >15 To 40, Deduct	*-0.93*	
		For >40, Deduct	*-2.78*	
		For Galvanized, Add	*8.16*	
		For Aluminum, Add	*11.12*	
		For 304 Stainless Steel, Add	*44.50*	
		For 316 Stainless Steel, Add	*50.99*	

05 59 69 00-0070 Expanded Metal Panels *(05 59 69)*

Note: Excludes frame and fastening to frame. See CSI section 05 05 21 00-0004 for spot welding.

05 59 69 00-0071 Plain Flattened Expanded Metal Diamond Shape Panels *(05 59 69 00-0070)*

Note: Excludes frame and fastening to frame. See CSI section 05 05 21 00-0004 for spot welding.

05 59 69 00-0072	SF	1/4" #20-F Plain Expanded Metal Panel, 0.82 Lb./SF	11.28	4.59
		For Galvanized, Add	*2.27*	
		For Aluminum, Add	*3.10*	
		For 304 Stainless Steel, Add	*12.38*	
		For 316 Stainless Steel, Add	*14.19*	
05 59 69 00-0073	SF	1/4" #18-F Plain Expanded Metal Panel, 1.08 Lb./SF	14.00	5.03
		For Galvanized, Add	*3.21*	
		For Aluminum, Add	*4.37*	
		For 304 Stainless Steel, Add	*17.50*	
		For 316 Stainless Steel, Add	*20.05*	
05 59 69 00-0074	SF	1/2" #20-F Plain Expanded Metal Panel, 0.40 Lb./SF	8.19	3.55
		For Galvanized, Add	*1.52*	
		For Aluminum, Add	*2.08*	
		For 304 Stainless Steel, Add	*8.30*	
		For 316 Stainless Steel, Add	*9.52*	
05 59 69 00-0075	SF	1/2" #18-F Plain Expanded Metal Panel, 0.66 Lb./SF	8.94	3.87
		For Galvanized, Add	*1.67*	
		For Aluminum, Add	*2.27*	
		For 304 Stainless Steel, Add	*9.10*	
		For 316 Stainless Steel, Add	*10.42*	
05 59 69 00-0076	SF	1/2" #16-F Plain Expanded Metal Panel, 0.82 Lb./SF	10.17	4.59
		For Galvanized, Add	*1.78*	
		For Aluminum, Add	*2.43*	
		For 304 Stainless Steel, Add	*9.72*	
		For 316 Stainless Steel, Add	*11.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0077	SF	1/2" #13-F Plain Expanded Metal Panel, 1.4 Lb./SF	13.04	5.93
		For Galvanized, Add	*2.27*	
		For Aluminum, Add	*3.09*	
		For 304 Stainless Steel, Add	*12.36*	
		For 316 Stainless Steel, Add	*14.16*	
05 59 69 00-0078	SF	3/4" #16-F Plain Expanded Metal Panel, 0.51 Lb./SF	7.25	3.49
		For Galvanized, Add	*1.14*	
		For Aluminum, Add	*1.55*	
		For 304 Stainless Steel, Add	*6.22*	
		For 316 Stainless Steel, Add	*7.12*	
05 59 69 00-0079	SF	3/4" #14-F Plain Expanded Metal Panel, 0.63 Lb./SF	8.07	3.74
		For Galvanized, Add	*1.36*	
		For Aluminum, Add	*1.85*	
		For 304 Stainless Steel, Add	*7.39*	
		For 316 Stainless Steel, Add	*8.47*	
05 59 69 00-0080	SF	3/4" #13-F Plain Expanded Metal Panel, 0.75 Lb./SF	9.20	4.19
		For Galvanized, Add	*1.58*	
		For Aluminum, Add	*2.16*	
		For 304 Stainless Steel, Add	*8.64*	
		For 316 Stainless Steel, Add	*9.90*	
05 59 69 00-0081	SF	3/4" #9-F Plain Expanded Metal Panel, 1.50 Lb./SF	14.58	6.95
		For Galvanized, Add	*2.34*	
		For Aluminum, Add	*3.19*	
		For 304 Stainless Steel, Add	*12.77*	
		For 316 Stainless Steel, Add	*14.63*	
05 59 69 00-0082	SF	1" #16-F Plain Expanded Metal Panel, 0.41 Lb./SF	8.19	4.26
		For Galvanized, Add	*1.10*	
		For Aluminum, Add	*1.50*	
		For 304 Stainless Steel, Add	*6.00*	
		For 316 Stainless Steel, Add	*6.88*	
05 59 69 00-0083	SF	1-1/2" #16-F Plain Expanded Metal Panel, 0.38 Lb./SF	6.99	3.35
		For Galvanized, Add	*1.11*	
		For Aluminum, Add	*1.51*	
		For 304 Stainless Steel, Add	*6.05*	
		For 316 Stainless Steel, Add	*6.93*	
05 59 69 00-0084	SF	1-1/2" #13-F Plain Expanded Metal Panel, 0.57 Lb./SF	8.07	3.95
		For Galvanized, Add	*1.25*	
		For Aluminum, Add	*1.70*	
		For 304 Stainless Steel, Add	*6.79*	
		For 316 Stainless Steel, Add	*7.78*	
05 59 69 00-0085	SF	1-1/2" #9-F Plain Expanded Metal Panel, 1.14 Lb./SF	12.34	5.33
		For Galvanized, Add	*2.30*	
		For Aluminum, Add	*3.14*	
		For 304 Stainless Steel, Add	*12.55*	
		For 316 Stainless Steel, Add	*14.38*	

05 70 Decorative Metal *(05)*

Note: Includes anchors and related accessories.

05 71 Decorative Metal Stairs *(05 70)*

05 71 13 Fabricated Metal Spiral Stairs *(05 71)*

Note: Includes factory prime.

05 71 13 00-0001 Spiral Stairs, Stock Units *(05 71 13)*

Note: Includes factory prime.

05 71 13 00-0002 Steel Tread *(05 71 13 00-0001)*

05 71 13 00-0003	VLF	3'-6" Diameter, Spiral Steel Stair With Rails	437.56	61.01
		For Galvanized, Add	*220.89*	
05 71 13 00-0004	VLF	4' Diameter, Spiral Steel Stair With Rails	497.46	67.11
		For Galvanized, Add	*254.28*	
05 71 13 00-0005	VLF	4'-6" Diameter, Spiral Steel Stair With Rails	550.03	73.20
		For Galvanized, Add	*282.53*	
05 71 13 00-0006	VLF	5' Diameter, Spiral Steel Stair With Rails	589.75	79.30
		For Galvanized, Add	*301.79*	

05 73 Decorative Metal Railings *(05 70)*

Note: Factory primed. Includes brackets.

05 73 23 Decorative Metal Railings *(05 73)*

05 73 23 00-0001 Railings; Vertical Square Bars At 6" *(05 73 23)*

Note: Centers with shaped top rails (round, square, rectangular, diamond, triangular or other shape).

05 73 23 00-0002	LF	Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	81.63	13.42
		For Rake Or Angle Railings, Add	*11.55*	
		For Curved Railings, Add	*21.06*	
		For 4" On Center Standards, Add	*2.07*	
		For 4-1/2" On Center Standards, Add	*1.65*	
		For 5" On Center Standards, Add	*1.10*	
		For 5-1/2" On Center Standards, Add	*0.55*	
		For Each Field Bending Of Rails, Add	*16.02*	
		For Galvanized, Add	*3.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 73 23 00-0003	LF	Aluminum Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	200.15	18.31
		For Rake Or Angle Railings, Add	*21.69*	
		For Curved Railings, Add	*70.27*	
		For 4" On Center Standards, Add	*9.43*	
		For 4-1/2" On Center Standards, Add	*7.55*	
		For 5" On Center Standards, Add	*5.03*	
		For 5-1/2" On Center Standards, Add	*2.52*	
		For Each Field Bending Of Rails, Add	*21.09*	
05 73 23 00-0004	LF	Bronze Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	168.99	30.50
		For Rake Or Angle Railings, Add	*23.39*	
		For Curved Railings, Add	*45.06*	
		For 4" On Center Standards, Add	*4.62*	
		For 4-1/2" On Center Standards, Add	*3.70*	
		For 5" On Center Standards, Add	*2.46*	
		For 5-1/2" On Center Standards, Add	*1.23*	
		For Each Field Bending Of Rails, Add	*29.35*	
05 73 23 00-0005	LF	Stainless Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	305.16	24.41
		For Rake Or Angle Railings, Add	*31.44*	
		For Curved Railings, Add	*111.72*	
		For 4" On Center Standards, Add	*15.46*	
		For 4-1/2" On Center Standards, Add	*12.36*	
		For 5" On Center Standards, Add	*8.24*	
		For 5-1/2" On Center Standards, Add	*4.12*	
		For Each Field Bending Of Rails, Add	*27.27*	
05 73 23 00-0006	LF	Black Wrought Iron Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	423.89	37.22
		For Rake Or Angle Railings, Add	*36.46*	
		For Curved Railings, Add	*175.41*	
		For 4" On Center Standards, Add	*26.21*	
		For 4-1/2" On Center Standards, Add	*20.97*	
		For 5" On Center Standards, Add	*13.98*	
		For 5-1/2" On Center Standards, Add	*6.99*	
		For Each Field Bending Of Rails, Add	*21.11*	

05 73 23 00-0007 Laminated Metal Or Wood Handrails With Metal Supports *(05 73 23)*

05 73 23 00-0008	LF	2-1/2" Laminated Metal Or Wood Handrail Round/Oval Shape With Metal Supports	183.97	6.10
		For Rake Or Angle Railings, Add	*14.61*	
		For Curved Railings, Add	*79.53*	
		For 4" On Center Standards, Add	*12.17*	
		For 4-1/2" On Center Standards, Add	*9.74*	
		For 5" On Center Standards, Add	*6.49*	
		For 5-1/2" On Center Standards, Add	*3.25*	
		For Each Field Bending Of Rails, Add	*7.92*	
		For Exterior Post-Installed Anchors, Add	*11.12*	

05 73 23 00-0009 Plain Handrails *(05 73 23)*

05 73 23 00-0010	LF	2" Brass Handrail	63.39	13.36
05 73 23 00-0011	EA	90 Degree Angle For 2" Brass Handrail	133.30	48.08
05 73 23 00-0012	EA	End Cap For 2" Brass Handrail	60.35	24.10
05 73 23 00-0013	EA	Brass Bracket And Joint For 2" Brass Handrail	100.68	48.08
05 73 23 00-0014	LF	2" Stainless Steel Handrail	75.62	16.70

05 73 23 00-0015 Restoration Of Existing Metal Handrail And Railing *(05 73 23)*

Note: Task includes rust removal by grinding, cleaning, surface prep and one coat of protective primer. See CSI section 09 91 13 00-0382 for painting.

05 73 23 00-0016	LF	Refinish Metal Handrail	11.97	
05 73 23 00-0017	LF	Refinish Wrought Iron Balustrade	11.92	

05 73 23 00-0018 Remove And Reinstall Ornamental Railing *(05 73 23)*

05 73 23 00-0019	LF	Removal And Reinstallation Of Ornamental Handrail And Pickets	112.25	

05 75 Decorative Formed Metal *(05 70)*

05 75 00 00-0001 Metal Sheets, Installed On Walls *(05 75)*

Note: Includes field fabrication (bending) where noted.

05 75 00 00-0002 Copper Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0003	SF	0.0162" (12 Ounce) Thick Copper Sheet, Installed On Walls	27.35	2.25
		For >16 To 200, Deduct	*-1.54*	
		For >200 To 500, Deduct	*-3.07*	
		For >500, Deduct	*-4.44*	
05 75 00 00-0004	SF	0.0215" (16 Ounce) Thick Copper Sheet, Installed On Walls	34.20	2.51
		For >16 To 200, Deduct	*-1.90*	
		For >200 To 500, Deduct	*-3.80*	
		For >500, Deduct	*-5.51*	
05 75 00 00-0005	SF	0.0242" (18 Ounce) Thick Copper Sheet, Installed On Walls	37.44	2.70
		For >16 To 200, Deduct	*-2.08*	
		For >200 To 500, Deduct	*-4.15*	
		For >500, Deduct	*-6.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 75 00 00-0006	SF	0.027" (20 Ounce) Thick Copper Sheet, Installed On Walls	40.45	2.84
		For >16 To 200, Deduct	*-2.24*	
		For >200 To 500, Deduct	*-4.47*	
		For >500, Deduct	*-6.49*	
05 75 00 00-0007	SF	0.0323" (24 Ounce) Thick Copper Sheet, Installed On Walls	46.17	2.97
		For >16 To 200, Deduct	*-2.53*	
		For >200 To 500, Deduct	*-5.06*	
		For >500, Deduct	*-7.37*	
05 75 00 00-0008	SF	0.0431" (32 Ounce) Thick Copper Sheet, Installed On Walls	58.61	3.11
		For >16 To 200, Deduct	*-3.16*	
		For >200 To 500, Deduct	*-6.33*	
		For >500, Deduct	*-9.26*	
05 75 00 00-0009	SF	0.052" (40 Ounce) Thick Copper Sheet, Installed On Walls	68.76	3.25
		For >16 To 200, Deduct	*-3.68*	
		For >200 To 500, Deduct	*-7.36*	
		For >500, Deduct	*-10.80*	
05 75 00 00-0010	SF	0.0646" (48 Ounce) Thick Copper Sheet, Installed On Walls	83.33	3.51
		For >16 To 200, Deduct	*-4.43*	
		For >200 To 500, Deduct	*-8.86*	
		For >500, Deduct	*-13.03*	
05 75 00 00-0011	SF	0.08" Thick Copper Sheet, Installed On Walls	102.45	3.79
		For >16 To 200, Deduct	*-5.41*	
		For >200 To 500, Deduct	*-10.81*	
		For >500, Deduct	*-15.94*	
05 75 00 00-0012	SF	0.125" Thick Copper Sheet, Installed On Walls	150.72	4.06
		For >16 To 200, Deduct	*-7.84*	
		For >200 To 500, Deduct	*-15.68*	
		For >500, Deduct	*-23.22*	

05 75 00 00-0013 Stainless Steel Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0014	SF	0.026" Thick (24 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	16.11	2.71
		For >16 To 200, Deduct	*-1.01*	
		For >200 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.82*	
05 75 00 00-0015	SF	0.0312" Thick (22 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	18.19	2.93
		For >16 To 200, Deduct	*-1.13*	
		For >200 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-3.17*	
05 75 00 00-0016	SF	0.0375" Thick (20 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	19.76	3.07
		For >16 To 200, Deduct	*-1.22*	
		For >200 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-3.43*	
05 75 00 00-0017	SF	0.050" Thick (18 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	23.05	3.21
		For >16 To 200, Deduct	*-1.39*	
		For >200 To 500, Deduct	*-2.79*	
		For >500, Deduct	*-3.94*	
05 75 00 00-0018	SF	0.0625" Thick (16 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	26.24	3.36
		For >16 To 200, Deduct	*-1.56*	
		For >200 To 500, Deduct	*-3.13*	
		For >500, Deduct	*-4.44*	
05 75 00 00-0019	SF	0.078" Thick (14 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	30.25	3.51
		For >16 To 200, Deduct	*-1.78*	
		For >200 To 500, Deduct	*-3.55*	
		For >500, Deduct	*-5.06*	
05 75 00 00-0020	SF	0.125" Thick (11 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	43.25	4.09
		For >16 To 200, Deduct	*-2.47*	
		For >200 To 500, Deduct	*-4.94*	
		For >500, Deduct	*-7.10*	
05 75 00 00-0021	SF	3/16" Thick (7 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	58.17	4.34
		For >16 To 200, Deduct	*-3.23*	
		For >200 To 500, Deduct	*-6.47*	
		For >500, Deduct	*-9.38*	
05 75 00 00-0022	SF	1/4" Thick (3 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	79.45	5.27
		For >16 To 200, Deduct	*-4.37*	
		For >200 To 500, Deduct	*-8.74*	
		For >500, Deduct	*-12.71*	
05 75 00 00-0023	SF	3/8" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls	131.93	5.65
		For >16 To 200, Deduct	*-7.02*	
		For >200 To 500, Deduct	*-14.04*	
		For >500, Deduct	*-20.64*	
05 75 00 00-0024	SF	1/2" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls	168.64	6.57
		For >16 To 200, Deduct	*-8.93*	
		For >200 To 500, Deduct	*-17.85*	
		For >500, Deduct	*-26.28*	

05 75 00 00-0025 Aluminum Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0026	SF	0.016" Thick (26 Gauge) Aluminum Sheet, Installed On Walls	11.09	2.25
		For >16 To 200, Deduct	*-0.72*	
		For >200 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-2.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 75 00 00-0027	SF	0.020" Thick (24 Gauge) Aluminum Sheet, Installed On Walls	12.60	2.51
		For >16 To 200, Deduct	*-0.82*	
		For >200 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-2.27*	
05 75 00 00-0028	SF	0.025" Thick (22 Gauge) Aluminum Sheet, Installed On Walls	14.09	2.70
		For >16 To 200, Deduct	*-0.91*	
		For >200 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.52*	
05 75 00 00-0029	SF	0.032" Thick (20 Gauge) Aluminum Sheet, Installed On Walls	15.67	2.84
		For >16 To 200, Deduct	*-1.00*	
		For >200 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.78*	
05 75 00 00-0030	SF	0.040" Thick (18 Gauge) Aluminum Sheet, Installed On Walls	17.24	2.97
		For >16 To 200, Deduct	*-1.09*	
		For >200 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-3.03*	
05 75 00 00-0031	SF	0.050" Thick (16 Gauge) Aluminum Sheet, Installed On Walls	18.97	3.11
		For >16 To 200, Deduct	*-1.18*	
		For >200 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-3.31*	
05 75 00 00-0032	SF	0.064" Thick (14 Gauge) Aluminum Sheet, Installed On Walls	21.11	3.25
		For >16 To 200, Deduct	*-1.30*	
		For >200 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.65*	
05 75 00 00-0033	SF	0.090" Thick (11 Gauge) Aluminum Sheet, Installed On Walls	25.13	3.79
		For >16 To 200, Deduct	*-1.54*	
		For >200 To 500, Deduct	*-3.08*	
		For >500, Deduct	*-4.34*	

05 75 00 00-0034 Galvanized Steel Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0035	SF	0.0217" (26 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	9.50	2.25
		For >16 To 200, Deduct	*-0.64*	
		For >200 To 500, Deduct	*-1.29*	
		For >500, Deduct	*-1.76*	
05 75 00 00-0036	SF	0.0276" (24 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	10.53	2.51
		For >16 To 200, Deduct	*-0.71*	
		For >200 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.96*	
05 75 00 00-0037	SF	0.0336" (22 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	11.20	2.70
		For >16 To 200, Deduct	*-0.76*	
		For >200 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-2.09*	
05 75 00 00-0038	SF	0.0396" (20 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	11.89	2.84
		For >16 To 200, Deduct	*-0.81*	
		For >200 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-2.21*	
05 75 00 00-0039	SF	0.0516" (18 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	12.78	2.97
		For >16 To 200, Deduct	*-0.86*	
		For >200 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.36*	
05 75 00 00-0040	SF	0.0635" (16 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	13.75	3.11
		For >16 To 200, Deduct	*-0.92*	
		For >200 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.53*	
05 75 00 00-0041	SF	0.0785" (14 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	15.29	3.25
		For >16 To 200, Deduct	*-1.01*	
		For >200 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.78*	
05 75 00 00-0042	SF	0.1084" (12 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	17.50	3.51
		For >16 To 200, Deduct	*-1.14*	
		For >200 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-3.15*	
05 75 00 00-0043	SF	0.1382" (10 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	20.17	4.06
		For >16 To 200, Deduct	*-1.31*	
		For >200 To 500, Deduct	*-2.63*	
		For >500, Deduct	*-3.63*	

05 75 00 00-0044 Galvanized Zinc-Plated Steel Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0045	SF	0.013" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	11.99	2.13
		For >16 To 200, Deduct	*-0.81*	
		For >200 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-2.23*	
05 75 00 00-0046	SF	0.016" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	13.82	2.42
		For >16 To 200, Deduct	*-0.93*	
		For >200 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.56*	
05 75 00 00-0047	SF	0.019" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	15.63	2.68
		For >16 To 200, Deduct	*-1.05*	
		For >200 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 75 00 00-0048	SF	0.024" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	17.21	2.90
		For >16 To 200, Deduct	*-1.15*	
		For >200 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-3.16*	

END OF SECTION 05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

06 Wood, Plastics, and Composites

06 01 Maintenance of Wood, Plastics, and Composites *(06)*

06 01 10 Maintenance of Rough Carpentry *(06 01)*

06 01 10 91 Rough Carpenty Restoration *(06 01 10)*

06 01 10 91-0001 Roof Beam Restoration *(06 01 10 91)*

06 01 10 91-0002	EA	Up To 5, Roof Beam Restoration And Fill Note: Includes cutting out damaged/rotten wood, filling with wood fiber restore material, and then with two-part epoxy, or polyester bondo, and sanding.	81.59	
06 01 10 91-0003	EA	>5 To 25, Roof Beam Restoration And Fill Note: Includes cutting out damaged/rotten wood, filling with wood fiber restore material, and then with two-part epoxy, or polyester bondo, and sanding.	70.21	
06 01 10 91-0004	EA	>25, Roof Beam Restoration And Fill Note: Includes cutting out damaged/rotten wood, filling with wood fiber restore material, and then with two-part epoxy, or polyester bondo, and sanding.	58.83	

06 01 10 91-0005 Roof Beam Replacement *(06 01 10 91)*
Note: Includes cutting back the rafter beam back 18" and in a zig- zag Z splice cut for purpose of splicing on new end piece. Attached with glue and screwed on with lag screws counter sunk.

06 01 10 91-0006	EA	Up To 5, Roof Beam Replacement, 6" x 12" Beams Note: Includes cutting off damaged/rotten wood, new beams with screws.	178.77	
06 01 10 91-0007	EA	>5 To 25, Roof Beam Replacement, 6" x 12" Beams Note: Includes cutting off damaged/rotten wood, new beams with screws.	167.39	
06 01 10 91-0008	EA	>25, Roof Beam Replacement, 6" x 12" Beams Note: Includes cutting off damaged/rotten wood, new beams with screws.	156.00	
06 01 10 91-0009	EA	Up To 5, Roof Beam Replacement, 4" x 8" Beams Note: Includes cutting off damaged/rotten wood, new beams with screws.	154.87	
06 01 10 91-0010	EA	>5 To 25, Roof Beam Replacement, 4" x 8" Beams Note: Includes cutting off damaged/rotten wood, new beams with screws.	143.49	
06 01 10 91-0011	EA	>25, Roof Beam Replacement, 4" x 8" Beams Note: Includes cutting off damaged/rotten wood, new beams with screws.	132.10	

06 01 10 91-0012 Roof Beam Caps *(06 01 10 91)*

06 01 10 91-0013	EA	4" x 4" Stainless Steel Beam End Cap	33.49	
		For Galvanized Steel, Deduct		*-2.74*
06 01 10 91-0014	EA	4" x 6" Stainless Steel Beam End Cap	50.04	
		For Galvanized Steel, Deduct		*-4.81*
06 01 10 91-0015	EA	4" x 8" Stainless Steel Beam End Cap	64.49	
		For Galvanized Steel, Deduct		*-6.25*
06 01 10 91-0016	EA	6" x 6" Stainless Steel Beam End Cap	58.47	
		For Galvanized Steel, Deduct		*-5.50*
06 01 10 91-0017	EA	6" x 12" Stainless Steel Beam End Cap	73.41	
		For Galvanized Steel, Deduct		*-7.00*

06 01 10 91-0018 Field Formed Beam Top/End Caps *(06 01 10 91)*

06 01 10 91-0019	SF	24 Gauge, Stainless Steel Field Formed Beam Top/End Cap Note: Includes forming and bending at edges and around end of exposed beam	17.39	
06 01 10 91-0020	SF	24 Gauge, Galvanized Steel Field Formed Beam Top/End Cap Note: Includes forming and bending at edges and around end of exposed beam	11.71	

06 01 40 Maintenance of Architectural Woodwork *(06 01)*

06 01 40 51 Architectural Woodwork Cleaning *(06 01 40)*

See CSI section 09 01 90 52-0035 for cleaning of wood surfaces.

06 01 40 91 Architectural Woodwork Restoration *(06 01 40)*

06 01 40 91-0001 Cabinet Hardware Replacement *(06 01 40 91)*

06 01 40 91-0002	EA	Removal And Replacement Of Concealed, Full Or Half Overlay, Self Closing, Steel Cabinet Hinges	38.55	
06 01 40 91-0003	EA	Removal And Replacement Of Semi-Concealed, Brass Cabinet Hinges	42.84	

06 05 Common Work Results for Wood, Plastics, and Composites *(06)*

06 05 23 Wood, Plastic, and Composite Fastenings *(06 05)*

Note: For additional fasteners above normal conditions, for replacing existing fasteners, for relocating existing materials or fixtures, or for different fasteners required due to load limits on standard fasteners.

06 05 23 00-0001 Threaded Anchor Bolts *(06 05 23)*
Note: Threaded on two ends with two nuts and flat washers.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0002	EA	1/2" Diameter x 4" Long, Threaded Anchor Bolt	12.99	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.94*	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-3.23*	
		For >500, Deduct	*-4.59*	
06 05 23 00-0003	EA	1/2" Diameter x 7-1/2" Long, Threaded Anchor Bolt	16.96	
		For >10 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-1.09*	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-3.71*	
		For >500, Deduct	*-5.24*	
06 05 23 00-0004	EA	3/4" Diameter x 7-1/2" Long, Threaded Anchor Bolt	18.73	
		For >10 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-1.13*	
		For >100 To 250, Deduct	*-2.26*	
		For >250 To 500, Deduct	*-3.84*	
		For >500, Deduct	*-5.41*	
06 05 23 00-0005	EA	3/4" Diameter x 12" Long, Threaded Anchor Bolt	35.97	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.81*	
		For >100 To 250, Deduct	*-3.62*	
		For >250 To 500, Deduct	*-6.03*	
		For >500, Deduct	*-8.44*	

06 05 23 00-0006 Framing Anchors *(06 05 23)*

Note: Including nails.

06 05 23 00-0007	EA	1-7/16" x 2-1/2", 18 Gauge, Galvanized Framing Angle Anchor (Simpson Strong Tie® A34)	7.43	3.45
		For >10 To 50, Deduct	*-0.33*	
		For >50 To 100, Deduct	*-0.68*	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-3.37*	
06 05 23 00-0008	EA	1-7/16" x 4-1/2", 18 Gauge, Galvanized Framing Angle Anchor (Simpson Strong Tie® A35)	8.29	3.79
		For >10 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-0.76*	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-2.66*	
		For >500, Deduct	*-3.79*	

06 05 23 00-0009 Angle Anchors *(06 05 23)*

Note: Including nails.

06 05 23 00-0010	EA	2" x 1-1/2" x 1-3/8" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A21)	7.54	3.45
		For >10 To 50, Deduct	*-0.33*	
		For >50 To 100, Deduct	*-0.68*	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-3.38*	
06 05 23 00-0011	EA	2" x 1-1/2" x 2-3/4" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A23)	8.30	3.68
		For >10 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.73*	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.63*	
06 05 23 00-0012	EA	3-7/8" x 2" x 2-1/2" Wide, 12 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A24)	15.22	3.79
		For >10 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-0.94*	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-3.18*	
		For >500, Deduct	*-4.48*	
06 05 23 00-0013	EA	3" x 3" x 1-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A33)	13.57	3.79
		For >10 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-0.89*	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-3.05*	
		For >500, Deduct	*-4.32*	
06 05 23 00-0014	EA	4-9/16" x 4-9/16" x 1-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A44)	14.81	4.26
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.98*	
		For >100 To 250, Deduct	*-1.96*	
		For >250 To 500, Deduct	*-3.35*	
		For >500, Deduct	*-4.74*	
06 05 23 00-0015	EA	5-7/8" x 5-7/8" x 1-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A66)	16.89	4.49
		For >10 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-1.08*	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-3.68*	
		For >500, Deduct	*-5.19*	

06 05 23 00-0016 Reinforcing Angle Wood Construction Connectors *(06 05 23)*

Note: Including nails.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0017	EA	3" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L30)	8.41	3.22
		For >10 To 50, Deduct	*-0.33*	
		For >50 To 100, Deduct	*-0.70*	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-3.47*	
06 05 23 00-0018	EA	5" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L50)	10.62	3.45
		For >10 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.79*	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-2.71*	
		For >500, Deduct	*-3.85*	
06 05 23 00-0019	EA	7" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L70)	12.23	3.56
		For >10 To 50, Deduct	*-0.36*	
		For >50 To 100, Deduct	*-0.85*	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.90*	
		For >500, Deduct	*-4.10*	
06 05 23 00-0020	EA	9" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L90)	13.65	3.68
		For >10 To 50, Deduct	*-0.38*	
		For >50 To 100, Deduct	*-0.91*	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-3.10*	
		For >500, Deduct	*-4.39*	
06 05 23 00-0021	EA	3-3/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS30)	9.30	3.22
		For >10 To 50, Deduct	*-0.33*	
		For >50 To 100, Deduct	*-0.73*	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-2.50*	
		For >500, Deduct	*-3.56*	
06 05 23 00-0022	EA	4-7/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS50)	10.31	3.45
		For >10 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.78*	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.82*	
06 05 23 00-0023	EA	6-3/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS70)	12.15	3.56
		For >10 To 50, Deduct	*-0.36*	
		For >50 To 100, Deduct	*-0.84*	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-4.10*	
06 05 23 00-0024	EA	7-7/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS90)	14.60	3.68
		For >10 To 50, Deduct	*-0.38*	
		For >50 To 100, Deduct	*-0.93*	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-3.17*	
		For >500, Deduct	*-4.48*	

06 05 23 00-0025 Hold Down Anchors *(06 05 23)*

Note: Including nails.

06 05 23 00-0026	EA	8-5/8" High x 2-1/2" Wide x 2-1/4" Deep, 12 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD3B)	63.07	
		For >10 To 50, Deduct	*-1.78*	
		For >50 To 100, Deduct	*-4.25*	
		For >100 To 250, Deduct	*-8.50*	
		For >250 To 500, Deduct	*-14.54*	
		For >500, Deduct	*-20.57*	
06 05 23 00-0027	EA	9-3/8" High x 2-1/2" Wide x 2-1/2" Deep, 10 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD5B)	90.69	
		For >10 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-5.03*	
		For >100 To 250, Deduct	*-10.06*	
		For >250 To 500, Deduct	*-16.92*	
		For >500, Deduct	*-23.79*	
06 05 23 00-0028	EA	12-3/8" High x 2-1/2" Wide x 2-1/2" Deep, 10 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD7B)	113.00	
		For >10 To 50, Deduct	*-1.96*	
		For >50 To 100, Deduct	*-5.76*	
		For >100 To 250, Deduct	*-11.52*	
		For >250 To 500, Deduct	*-19.23*	
		For >500, Deduct	*-26.95*	
06 05 23 00-0029	EA	14" High x 2-1/2" Wide x 2-1/2" Deep, 7 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD9B)	133.79	
		For >10 To 50, Deduct	*-2.19*	
		For >50 To 100, Deduct	*-6.62*	
		For >100 To 250, Deduct	*-13.25*	
		For >250 To 500, Deduct	*-22.05*	
		For >500, Deduct	*-30.86*	
06 05 23 00-0030	EA	20-5/16" High x 3-1/2" Wide x 4-1/2" Deep, 3 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD12)	219.56	
		For >10 To 50, Deduct	*-2.76*	
		For >50 To 100, Deduct	*-9.63*	
		For >100 To 250, Deduct	*-19.26*	
		For >250 To 500, Deduct	*-31.66*	
		For >500, Deduct	*-44.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0031	EA	24-1/2" High x 3-1/2" Wide x 4-1/2" Deep, 3 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD19)	298.73	
		For >10 To 50, Deduct	*-2.88*	
		For >50 To 100, Deduct	*-11.78*	
		For >100 To 250, Deduct	*-23.56*	
		For >250 To 500, Deduct	*-38.22*	
		For >500, Deduct	*-52.88*	
06 05 23 00-0032	EA	8-11/16" Height x 3" Wide x 3-1/4" Deep, 14 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU2-SDS2.5)	75.39	
		For >10 To 50, Deduct	*-1.78*	
		For >50 To 100, Deduct	*-4.56*	
		For >100 To 250, Deduct	*-9.12*	
		For >250 To 500, Deduct	*-15.46*	
		For >500, Deduct	*-21.80*	
06 05 23 00-0033	EA	10-15/16" Height x 3" Wide x 3-1/4" Deep, 14 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU4-SDS2.5)	83.89	
		For >10 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.86*	
		For >100 To 250, Deduct	*-9.72*	
		For >250 To 500, Deduct	*-16.41*	
		For >500, Deduct	*-23.11*	
06 05 23 00-0034	EA	13-3/16" Height x 3" Wide x 3-1/4" Deep, 14 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU5-SDS2.5)	94.35	
		For >10 To 50, Deduct	*-1.96*	
		For >50 To 100, Deduct	*-5.29*	
		For >100 To 250, Deduct	*-10.59*	
		For >250 To 500, Deduct	*-17.83*	
		For >500, Deduct	*-25.08*	
06 05 23 00-0035	EA	16-5/8" Height x 3" Wide x 3-1/2" Deep, 10 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU8-SDS2.5)	117.31	
		For >10 To 50, Deduct	*-2.19*	
		For >50 To 100, Deduct	*-6.21*	
		For >100 To 250, Deduct	*-12.42*	
		For >250 To 500, Deduct	*-20.82*	
		For >500, Deduct	*-29.22*	
06 05 23 00-0036	EA	22-1/4" Height x 3" Wide x 3-1/2" Deep, 10 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU11-SDS2.5)	151.27	
		For >10 To 50, Deduct	*-2.76*	
		For >50 To 100, Deduct	*-7.92*	
		For >100 To 250, Deduct	*-15.85*	
		For >250 To 500, Deduct	*-26.53*	
		For >500, Deduct	*-37.22*	
06 05 23 00-0037	EA	25-11/16" Height x 3" Wide x 3-1/2" Deep, 7 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU14-SDS2.5)	169.73	
		For >10 To 50, Deduct	*-2.88*	
		For >50 To 100, Deduct	*-8.56*	
		For >100 To 250, Deduct	*-17.11*	
		For >250 To 500, Deduct	*-28.55*	
		For >500, Deduct	*-39.98*	

06 05 23 00-0038 Joist And Beam Hangers *(06 05 23)*

Note: Including nails.

06 05 23 00-0039	EA	18 Gauge, Galvanized Joist Hanger, For 2" x 4" Joist Also Acceptable For Beam Hangers (Simpson Strong Tie® LU24)	7.98	3.22
		For >10 To 50, Deduct	*-0.33*	
		For >50 To 100, Deduct	*-0.69*	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-3.43*	
06 05 23 00-0040	EA	18 Gauge, Galvanized Joist Hanger, For 2" x 6" To 2" x 10" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® LU28)	8.96	3.45
		For >10 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.75*	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-2.59*	
		For >500, Deduct	*-3.68*	
06 05 23 00-0041	EA	16 Gauge, Galvanized Joist Hanger, For 3" x 6" To 3" x 9" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® LUS36)	13.04	3.56
		For >10 To 50, Deduct	*-0.36*	
		For >50 To 100, Deduct	*-0.87*	
		For >100 To 250, Deduct	*-1.73*	
		For >250 To 500, Deduct	*-2.96*	
		For >500, Deduct	*-4.18*	
06 05 23 00-0042	EA	16 Gauge, Galvanized Joist Hanger, For 3" x 10" To 3" x 14" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® LUS310)	14.23	3.68
		For >10 To 50, Deduct	*-0.38*	
		For >50 To 100, Deduct	*-0.92*	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-3.14*	
		For >500, Deduct	*-4.44*	
06 05 23 00-0043	EA	14 Gauge, Galvanized Joist Hanger, For 4" x 6" To 4" x 8" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® HUS46)	22.45	3.91
		For >10 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-1.14*	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-3.82*	
		For >500, Deduct	*-5.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0044	EA	14 Gauge, Galvanized Joist Hanger, For 4" x 10" To 4" x 14" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® HUS412)	26.97	4.03
		For >10 To 50, Deduct	*-0.40*	
		For >50 To 100, Deduct	*-1.27*	
		For >100 To 250, Deduct	*-2.54*	
		For >250 To 500, Deduct	*-4.21*	
		For >500, Deduct	*-5.88*	

06 05 23 00-0045 Anchor And Ties *(06 05 23)*

Note: Including nails.

06 05 23 00-0046	EA	12-3/8" Long, 11 Gauge, Galvanized Heavy Tension Tie (Simpson Strong Tie® HTT4) Note: Includes nails. Excludes anchor bolt.	42.31	
06 05 23 00-0047	EA	16" Long, 11 Gauge, Galvanized Heavy Tension Tie (Simpson Strong Tie® HTT5) Note: Includes nails. Excludes anchor bolt.	52.46	
06 05 23 00-0048	EA	16 Gauge, Zinc Galvanized Finish Mudsill Anchor (Simpson Strong Tie® MASAZ)	5.33	
06 05 23 00-0049	EA	16 Gauge, Zinc Galvanized Finish Mudsill Anchor (Simpson Strong Tie® MASBZ)	6.05	

06 05 23 00-0050 Hurricane Ties *(06 05 23)*

06 05 23 00-0051	EA	6" x 1-3/8" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2.5A)	8.60	3.56
		For >10 To 50, Deduct	*-0.40*	
		For >50 To 100, Deduct	*-0.81*	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.83*	
		For >500, Deduct	*-4.03*	
06 05 23 00-0052	EA	6" x 1-3/8" Wide, 18 Gauge, Zinc Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2.5AZ)	3.23	
06 05 23 00-0053	EA	6" x 1-3/8" Wide, 18 Gauge, Stainless Steel Hurricane Ties (Simpson Strong Tie® H2.5ASS)	9.47	
06 05 23 00-0054	EA	10-7/16" x 1-1/2" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2A)	10.92	3.56
		For >10 To 50, Deduct	*-0.40*	
		For >50 To 100, Deduct	*-0.87*	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-3.00*	
		For >500, Deduct	*-4.26*	
06 05 23 00-0055	EA	19-3/16" x 2-1/4" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H6)	19.64	

06 05 23 00-0056 Post Column Bases *(06 05 23)*

Note: Including nails.

06 05 23 00-0057	EA	Adjustable And Standoff 4" x 4" Post Base, With Bolts (Simpson Strong Tie® ABA44)	36.69	
06 05 23 00-0058	EA	Adjustable And Standoff 4" x 6" Post Base, With Bolts (Simpson Strong Tie® ABA46)	57.68	
06 05 23 00-0059	EA	Adjustable And Standoff 6" x 6" Post Base, With Bolts (Simpson Strong Tie® ABA66)	59.44	

06 05 23 00-0060 Post Column Caps *(06 05 23)*

Note: Including nails.

06 05 23 00-0061	EA	4" Beam, 4" Post Flange, 18 Gauge, Galvanized Post Cap (Simpson Strong Tie® BC4)	19.59	4.03
		For >10 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-1.15*	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-3.90*	
		For >500, Deduct	*-5.50*	
06 05 23 00-0062	EA	6" Beam, 6" Post Flange, 18 Gauge, Galvanized Post Cap (Simpson Strong Tie® BC6)	44.91	4.03
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.82*	
		For >100 To 250, Deduct	*-3.65*	
		For >250 To 500, Deduct	*-5.94*	
		For >500, Deduct	*-8.23*	
06 05 23 00-0063	EA	3-1/8" Beam, 4" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC3 1/4-4) Note: Excludes field welding	225.75	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-7.37*	
		For >100 To 250, Deduct	*-14.74*	
		For >250 To 500, Deduct	*-23.26*	
		For >500, Deduct	*-31.78*	
		For Hot Dipped Galvanized, Add	*91.24*	
06 05 23 00-0064	EA	3-1/8" Beam, 6" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC3 1/4-6)	234.76	
		For >10 To 50, Deduct	*-1.29*	
		For >50 To 100, Deduct	*-7.81*	
		For >100 To 250, Deduct	*-15.62*	
		For >250 To 500, Deduct	*-24.72*	
		For >500, Deduct	*-33.83*	
		For Hot Dipped Galvanized, Add	*94.00*	
06 05 23 00-0065	EA	4" Beam, 4" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC44) Note: Excludes field welding	143.62	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-5.32*	
		For >100 To 250, Deduct	*-10.63*	
		For >250 To 500, Deduct	*-17.10*	
		For >500, Deduct	*-23.56*	
		For Hot Dipped Galvanized, Add	*54.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0066	EA	4" Beam, 6" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC46)	229.77	
		For >10 To 50, Deduct	*-1.29*	
		For >50 To 100, Deduct	*-7.69*	
		For >100 To 250, Deduct	*-15.37*	
		For >250 To 500, Deduct	*-24.35*	
		For >500, Deduct	*-33.33*	
		For Hot Dipped Galvanized, Add	*91.75*	
06 05 23 00-0067	EA	4" Beam, 8" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC48) Note: Excludes field welding	240.55	
		For >10 To 50, Deduct	*-1.29*	
		For >50 To 100, Deduct	*-7.95*	
		For >100 To 250, Deduct	*-15.91*	
		For >250 To 500, Deduct	*-25.16*	
		For >500, Deduct	*-34.41*	
		For Hot Dipped Galvanized, Add	*96.60*	
06 05 23 00-0068	EA	6" Beam, 4" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC64)	246.15	
		For >10 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-8.01*	
		For >100 To 250, Deduct	*-16.02*	
		For >250 To 500, Deduct	*-25.26*	
		For >500, Deduct	*-34.51*	
		For Hot Dipped Galvanized, Add	*99.63*	
06 05 23 00-0069	EA	6" Beam, 6" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC66)	248.45	
		For >10 To 50, Deduct	*-1.35*	
		For >50 To 100, Deduct	*-8.24*	
		For >100 To 250, Deduct	*-16.48*	
		For >250 To 500, Deduct	*-26.07*	
		For >500, Deduct	*-35.66*	
		For Hot Dipped Galvanized, Add	*99.63*	
06 05 23 00-0070	EA	6" Beam, 8" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC68)	248.45	
		For >10 To 50, Deduct	*-1.35*	
		For >50 To 100, Deduct	*-8.24*	
		For >100 To 250, Deduct	*-16.48*	
		For >250 To 500, Deduct	*-26.07*	
		For >500, Deduct	*-35.66*	
		For Hot Dipped Galvanized, Add	*99.63*	
06 05 23 00-0071	EA	5-1/8" Beam, 4" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC5 1/4-4)	288.47	
		For >10 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-9.07*	
		For >100 To 250, Deduct	*-18.13*	
		For >250 To 500, Deduct	*-28.44*	
		For >500, Deduct	*-38.74*	
		For Hot Dipped Galvanized, Add	*118.68*	
06 05 23 00-0072	EA	5-1/8" Beam, 6" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC5 1/4-6)	290.77	
		For >10 To 50, Deduct	*-1.35*	
		For >50 To 100, Deduct	*-9.30*	
		For >100 To 250, Deduct	*-18.59*	
		For >250 To 500, Deduct	*-29.24*	
		For >500, Deduct	*-39.89*	
		For Hot Dipped Galvanized, Add	*118.68*	
06 05 23 00-0073	EA	5-1/8" Beam, 8" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC5 1/4-8)	290.77	
		For >10 To 50, Deduct	*-1.35*	
		For >50 To 100, Deduct	*-9.30*	
		For >100 To 250, Deduct	*-18.59*	
		For >250 To 500, Deduct	*-29.24*	
		For >500, Deduct	*-39.89*	
		For Hot Dipped Galvanized, Add	*118.68*	
06 05 23 00-0074	EA	8" Beam, 4" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC84)	353.99	
		For >10 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-10.71*	
		For >100 To 250, Deduct	*-21.41*	
		For >250 To 500, Deduct	*-33.35*	
		For >500, Deduct	*-45.30*	
		For Hot Dipped Galvanized, Add	*148.16*	
06 05 23 00-0075	EA	8" Beam, 6" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC86)	356.29	
		For >10 To 50, Deduct	*-1.35*	
		For >50 To 100, Deduct	*-10.94*	
		For >100 To 250, Deduct	*-21.87*	
		For >250 To 500, Deduct	*-34.16*	
		For >500, Deduct	*-46.45*	
		For Hot Dipped Galvanized, Add	*148.16*	
06 05 23 00-0076	EA	8" Beam, 8" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC88)	356.29	
		For >10 To 50, Deduct	*-1.35*	
		For >50 To 100, Deduct	*-10.94*	
		For >100 To 250, Deduct	*-21.87*	
		For >250 To 500, Deduct	*-34.16*	
		For >500, Deduct	*-46.45*	
		For Hot Dipped Galvanized, Add	*148.16*	
06 05 23 00-0077	EA	3-1/8" Beam, 4" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC3 1/4-4) Note: Excludes field welding	225.75	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-7.37*	
		For >100 To 250, Deduct	*-14.74*	
		For >250 To 500, Deduct	*-23.26*	
		For >500, Deduct	*-31.78*	
		For Hot Dipped Galvanized, Add	*91.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0078	EA	3-1/8" Beam, 6" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC3 1/4-6)	234.76	
		For >10 To 50, Deduct	*-1.29*	
		For >50 To 100, Deduct	*-7.81*	
		For >100 To 250, Deduct	*-15.62*	
		For >250 To 500, Deduct	*-24.72*	
		For >500, Deduct	*-33.83*	
		For Hot Dipped Galvanized, Add	*94.00*	
06 05 23 00-0079	EA	4" Beam, 4" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC44) Note: Excludes field welding	143.62	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-5.32*	
		For >100 To 250, Deduct	*-10.63*	
		For >250 To 500, Deduct	*-17.10*	
		For >500, Deduct	*-23.56*	
		For Hot Dipped Galvanized, Add	*54.28*	
06 05 23 00-0080	EA	4" Beam, 6" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC46)	229.77	
		For >10 To 50, Deduct	*-1.29*	
		For >50 To 100, Deduct	*-7.69*	
		For >100 To 250, Deduct	*-15.37*	
		For >250 To 500, Deduct	*-24.35*	
		For >500, Deduct	*-33.33*	
		For Hot Dipped Galvanized, Add	*91.75*	
06 05 23 00-0081	EA	4" Beam, 8" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC48) Note: Excludes field welding	240.55	
		For >10 To 50, Deduct	*-1.29*	
		For >50 To 100, Deduct	*-7.95*	
		For >100 To 250, Deduct	*-15.91*	
		For >250 To 500, Deduct	*-25.16*	
		For >500, Deduct	*-34.41*	
		For Hot Dipped Galvanized, Add	*96.60*	
06 05 23 00-0082	EA	6" Beam, 4" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC64)	246.15	
		For >10 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-8.01*	
		For >100 To 250, Deduct	*-16.02*	
		For >250 To 500, Deduct	*-25.26*	
		For >500, Deduct	*-34.51*	
		For Hot Dipped Galvanized, Add	*99.63*	
06 05 23 00-0083	EA	6" Beam, 6" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC66)	248.45	
		For >10 To 50, Deduct	*-1.35*	
		For >50 To 100, Deduct	*-8.24*	
		For >100 To 250, Deduct	*-16.48*	
		For >250 To 500, Deduct	*-26.07*	
		For >500, Deduct	*-35.66*	
		For Hot Dipped Galvanized, Add	*99.63*	
06 05 23 00-0084	EA	6" Beam, 8" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC68)	248.45	
		For >10 To 50, Deduct	*-1.35*	
		For >50 To 100, Deduct	*-8.24*	
		For >100 To 250, Deduct	*-16.48*	
		For >250 To 500, Deduct	*-26.07*	
		For >500, Deduct	*-35.66*	
		For Hot Dipped Galvanized, Add	*99.63*	
06 05 23 00-0085	EA	5-1/8" Beam, 4" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC5 1/4-4)	288.47	
		For >10 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-9.07*	
		For >100 To 250, Deduct	*-18.13*	
		For >250 To 500, Deduct	*-28.44*	
		For >500, Deduct	*-38.74*	
		For Hot Dipped Galvanized, Add	*118.68*	
06 05 23 00-0086	EA	5-1/8" Beam, 6" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC5 1/4-6)	290.77	
		For >10 To 50, Deduct	*-1.35*	
		For >50 To 100, Deduct	*-9.30*	
		For >100 To 250, Deduct	*-18.59*	
		For >250 To 500, Deduct	*-29.24*	
		For >500, Deduct	*-39.89*	
		For Hot Dipped Galvanized, Add	*118.68*	
06 05 23 00-0087	EA	5-1/8" Beam, 8" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC5 1/4-8)	290.77	
		For >10 To 50, Deduct	*-1.35*	
		For >50 To 100, Deduct	*-9.30*	
		For >100 To 250, Deduct	*-18.59*	
		For >250 To 500, Deduct	*-29.24*	
		For >500, Deduct	*-39.89*	
		For Hot Dipped Galvanized, Add	*118.68*	
06 05 23 00-0088	EA	8" Beam, 4" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC84)	353.99	
		For >10 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-10.71*	
		For >100 To 250, Deduct	*-21.41*	
		For >250 To 500, Deduct	*-33.35*	
		For >500, Deduct	*-45.30*	
		For Hot Dipped Galvanized, Add	*148.16*	
06 05 23 00-0089	EA	8" Beam, 6" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC86)	356.29	
		For >10 To 50, Deduct	*-1.35*	
		For >50 To 100, Deduct	*-10.94*	
		For >100 To 250, Deduct	*-21.87*	
		For >250 To 500, Deduct	*-34.16*	
		For >500, Deduct	*-46.45*	
		For Hot Dipped Galvanized, Add	*148.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0090	EA	8" Beam, 8" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC88)	356.29	
		For >10 To 50, Deduct	*-1.35*	
		For >50 To 100, Deduct	*-10.94*	
		For >100 To 250, Deduct	*-21.87*	
		For >250 To 500, Deduct	*-34.16*	
		For >500, Deduct	*-46.45*	
		For Hot Dipped Galvanized, Add	*148.16*	
06 05 23 00-0091		**Rafter Connectors** *(06 05 23)*		
06 05 23 00-0092	EA	Galvanized Rigid Rafter Connector, For 2" x 6" (Simpson Strong Tie® RR)	10.57	3.56
		For >10 To 50, Deduct	*-0.40*	
		For >50 To 100, Deduct	*-0.86*	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.97*	
		For >500, Deduct	*-4.23*	
06 05 23 00-0093		**Bolts And Fasteners** *(06 05 23)*		
06 05 23 00-0094		**Carriage Bolts** *(06 05 23 00-0093)*		
		Note: Includes drilling of holes in any material. Includes nut and washer.		
06 05 23 00-0095		**Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolts** *(06 05 23 00-0094)*		
06 05 23 00-0096	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	15.41	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.51*	
		For >100 To 250, Deduct	*-3.01*	
		For >250 To 500, Deduct	*-5.27*	
		For >500, Deduct	*-7.52*	
06 05 23 00-0097	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	15.61	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.51*	
		For >100 To 250, Deduct	*-3.02*	
		For >250 To 500, Deduct	*-5.28*	
		For >500, Deduct	*-7.54*	
06 05 23 00-0098	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	15.73	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.51*	
		For >100 To 250, Deduct	*-3.03*	
		For >250 To 500, Deduct	*-5.29*	
		For >500, Deduct	*-7.55*	
06 05 23 00-0099	EA	1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	18.40	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.75*	
		For >100 To 250, Deduct	*-3.51*	
		For >250 To 500, Deduct	*-6.13*	
		For >500, Deduct	*-8.74*	
06 05 23 00-0100	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	17.10	
		For >10 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-1.64*	
		For >100 To 250, Deduct	*-3.27*	
		For >250 To 500, Deduct	*-5.71*	
		For >500, Deduct	*-8.15*	
06 05 23 00-0101	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	18.58	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.76*	
		For >100 To 250, Deduct	*-3.52*	
		For >250 To 500, Deduct	*-6.14*	
		For >500, Deduct	*-8.76*	
06 05 23 00-0102	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	18.90	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.77*	
		For >100 To 250, Deduct	*-3.53*	
		For >250 To 500, Deduct	*-6.16*	
		For >500, Deduct	*-8.79*	
06 05 23 00-0103	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	22.58	
		For >10 To 50, Deduct	*-1.04*	
		For >50 To 100, Deduct	*-2.12*	
		For >100 To 250, Deduct	*-4.24*	
		For >250 To 500, Deduct	*-7.39*	
		For >500, Deduct	*-10.54*	
06 05 23 00-0104	EA	3/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	24.70	
		For >10 To 50, Deduct	*-1.09*	
		For >50 To 100, Deduct	*-2.26*	
		For >100 To 250, Deduct	*-4.51*	
		For >250 To 500, Deduct	*-7.86*	
		For >500, Deduct	*-11.21*	
06 05 23 00-0105	EA	3/8" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	27.95	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-2.51*	
		For >100 To 250, Deduct	*-5.02*	
		For >250 To 500, Deduct	*-8.74*	
		For >500, Deduct	*-12.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0106	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	19.26	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.78*	
		For >100 To 250, Deduct	*-3.55*	
		For >250 To 500, Deduct	*-6.19*	
		For >500, Deduct	*-8.83*	
06 05 23 00-0107	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	21.24	
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-1.91*	
		For >100 To 250, Deduct	*-3.82*	
		For >250 To 500, Deduct	*-6.66*	
		For >500, Deduct	*-9.49*	
06 05 23 00-0108	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	22.66	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.03*	
		For >100 To 250, Deduct	*-4.07*	
		For >250 To 500, Deduct	*-7.08*	
		For >500, Deduct	*-10.09*	
06 05 23 00-0109	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	25.42	
		For >10 To 50, Deduct	*-1.09*	
		For >50 To 100, Deduct	*-2.28*	
		For >100 To 250, Deduct	*-4.55*	
		For >250 To 500, Deduct	*-7.92*	
		For >500, Deduct	*-11.29*	
06 05 23 00-0110	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	29.98	
		For >10 To 50, Deduct	*-1.27*	
		For >50 To 100, Deduct	*-2.65*	
		For >100 To 250, Deduct	*-5.30*	
		For >250 To 500, Deduct	*-9.21*	
		For >500, Deduct	*-13.12*	
06 05 23 00-0111	EA	1/2" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	33.79	
		For >10 To 50, Deduct	*-1.38*	
		For >50 To 100, Deduct	*-2.92*	
		For >100 To 250, Deduct	*-5.83*	
		For >250 To 500, Deduct	*-10.13*	
		For >500, Deduct	*-14.42*	
06 05 23 00-0112	EA	3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	27.08	
		For >10 To 50, Deduct	*-1.04*	
		For >50 To 100, Deduct	*-2.23*	
		For >100 To 250, Deduct	*-4.46*	
		For >250 To 500, Deduct	*-7.73*	
		For >500, Deduct	*-10.99*	
06 05 23 00-0113	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	29.52	
		For >10 To 50, Deduct	*-1.09*	
		For >50 To 100, Deduct	*-2.38*	
		For >100 To 250, Deduct	*-4.76*	
		For >250 To 500, Deduct	*-8.23*	
		For >500, Deduct	*-11.70*	
06 05 23 00-0114	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	35.61	
		For >10 To 50, Deduct	*-1.27*	
		For >50 To 100, Deduct	*-2.79*	
		For >100 To 250, Deduct	*-5.58*	
		For >250 To 500, Deduct	*-9.63*	
		For >500, Deduct	*-13.69*	
06 05 23 00-0115	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	40.56	
		For >10 To 50, Deduct	*-1.32*	
		For >50 To 100, Deduct	*-3.00*	
		For >100 To 250, Deduct	*-6.00*	
		For >250 To 500, Deduct	*-10.32*	
		For >500, Deduct	*-14.64*	
06 05 23 00-0116	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	44.04	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-3.26*	
		For >100 To 250, Deduct	*-6.52*	
		For >250 To 500, Deduct	*-11.21*	
		For >500, Deduct	*-15.91*	
06 05 23 00-0117	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	44.75	
		For >10 To 50, Deduct	*-1.50*	
		For >50 To 100, Deduct	*-3.36*	
		For >100 To 250, Deduct	*-6.72*	
		For >250 To 500, Deduct	*-11.58*	
		For >500, Deduct	*-16.44*	

06 05 23 00-0118 Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolts *(06 05 23 00-0094)*

06 05 23 00-0119	EA	1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	15.77	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.52*	
		For >100 To 250, Deduct	*-3.03*	
		For >250 To 500, Deduct	*-5.29*	
		For >500, Deduct	*-7.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0120	EA	1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	16.14	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.52*	
		For >100 To 250, Deduct	*-3.05*	
		For >250 To 500, Deduct	*-5.32*	
		For >500, Deduct	*-7.59*	
06 05 23 00-0121	EA	1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	16.55	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.54*	
		For >100 To 250, Deduct	*-3.07*	
		For >250 To 500, Deduct	*-5.35*	
		For >500, Deduct	*-7.64*	
06 05 23 00-0122	EA	1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	19.79	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.79*	
		For >100 To 250, Deduct	*-3.58*	
		For >250 To 500, Deduct	*-6.23*	
		For >500, Deduct	*-8.88*	
06 05 23 00-0123	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	17.60	
		For >10 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-1.65*	
		For >100 To 250, Deduct	*-3.30*	
		For >250 To 500, Deduct	*-5.75*	
		For >500, Deduct	*-8.20*	
06 05 23 00-0124	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	19.36	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.78*	
		For >100 To 250, Deduct	*-3.56*	
		For >250 To 500, Deduct	*-6.20*	
		For >500, Deduct	*-8.84*	
06 05 23 00-0125	EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	19.82	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.79*	
		For >100 To 250, Deduct	*-3.58*	
		For >250 To 500, Deduct	*-6.23*	
		For >500, Deduct	*-8.89*	
06 05 23 00-0126	EA	3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	23.98	
		For >10 To 50, Deduct	*-1.04*	
		For >50 To 100, Deduct	*-2.15*	
		For >100 To 250, Deduct	*-4.31*	
		For >250 To 500, Deduct	*-7.49*	
		For >500, Deduct	*-10.68*	
06 05 23 00-0127	EA	3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	26.26	
		For >10 To 50, Deduct	*-1.09*	
		For >50 To 100, Deduct	*-2.30*	
		For >100 To 250, Deduct	*-4.59*	
		For >250 To 500, Deduct	*-7.98*	
		For >500, Deduct	*-11.37*	
06 05 23 00-0128	EA	3/8" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	29.41	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-2.55*	
		For >100 To 250, Deduct	*-5.09*	
		For >250 To 500, Deduct	*-8.85*	
		For >500, Deduct	*-12.61*	
06 05 23 00-0129	EA	1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	20.43	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.81*	
		For >100 To 250, Deduct	*-3.61*	
		For >250 To 500, Deduct	*-6.28*	
		For >500, Deduct	*-8.95*	
06 05 23 00-0130	EA	1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	22.17	
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-1.94*	
		For >100 To 250, Deduct	*-3.87*	
		For >250 To 500, Deduct	*-6.73*	
		For >500, Deduct	*-9.58*	
06 05 23 00-0131	EA	1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	23.76	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.06*	
		For >100 To 250, Deduct	*-4.12*	
		For >250 To 500, Deduct	*-7.16*	
		For >500, Deduct	*-10.20*	
06 05 23 00-0132	EA	1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	27.00	
		For >10 To 50, Deduct	*-1.09*	
		For >50 To 100, Deduct	*-2.31*	
		For >100 To 250, Deduct	*-4.63*	
		For >250 To 500, Deduct	*-8.04*	
		For >500, Deduct	*-11.44*	
06 05 23 00-0133	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	31.53	
		For >10 To 50, Deduct	*-1.27*	
		For >50 To 100, Deduct	*-2.69*	
		For >100 To 250, Deduct	*-5.37*	
		For >250 To 500, Deduct	*-9.33*	
		For >500, Deduct	*-13.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0134	EA	1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	34.98	
		For >10 To 50, Deduct	*-1.38*	
		For >50 To 100, Deduct	*-2.95*	
		For >100 To 250, Deduct	*-5.89*	
		For >250 To 500, Deduct	*-10.22*	
		For >500, Deduct	*-14.54*	
06 05 23 00-0135	EA	3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	30.61	
		For >10 To 50, Deduct	*-1.04*	
		For >50 To 100, Deduct	*-2.32*	
		For >100 To 250, Deduct	*-4.64*	
		For >250 To 500, Deduct	*-7.99*	
		For >500, Deduct	*-11.35*	
06 05 23 00-0136	EA	3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	31.98	
		For >10 To 50, Deduct	*-1.09*	
		For >50 To 100, Deduct	*-2.44*	
		For >100 To 250, Deduct	*-4.88*	
		For >250 To 500, Deduct	*-8.41*	
		For >500, Deduct	*-11.94*	
06 05 23 00-0137	EA	3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	37.36	
		For >10 To 50, Deduct	*-1.27*	
		For >50 To 100, Deduct	*-2.83*	
		For >100 To 250, Deduct	*-5.66*	
		For >250 To 500, Deduct	*-9.76*	
		For >500, Deduct	*-13.86*	
06 05 23 00-0138	EA	3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	40.43	
		For >10 To 50, Deduct	*-1.32*	
		For >50 To 100, Deduct	*-3.00*	
		For >100 To 250, Deduct	*-5.99*	
		For >250 To 500, Deduct	*-10.31*	
		For >500, Deduct	*-14.63*	
06 05 23 00-0139	EA	3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	46.31	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-3.31*	
		For >100 To 250, Deduct	*-6.63*	
		For >250 To 500, Deduct	*-11.38*	
		For >500, Deduct	*-16.14*	
06 05 23 00-0140	EA	3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	49.49	
		For >10 To 50, Deduct	*-1.50*	
		For >50 To 100, Deduct	*-3.48*	
		For >100 To 250, Deduct	*-6.96*	
		For >250 To 500, Deduct	*-11.94*	
		For >500, Deduct	*-16.91*	

06 05 23 00-0141 304/18-8 Stainless Steel, Carriage Bolts *(06 05 23 00-0094)*

06 05 23 00-0142	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	16.86	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.54*	
		For >100 To 250, Deduct	*-3.09*	
		For >250 To 500, Deduct	*-5.38*	
		For >500, Deduct	*-7.67*	
06 05 23 00-0143	EA	1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	18.95	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.60*	
		For >100 To 250, Deduct	*-3.19*	
		For >250 To 500, Deduct	*-5.53*	
		For >500, Deduct	*-7.88*	
06 05 23 00-0144	EA	1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	20.32	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.63*	
		For >100 To 250, Deduct	*-3.26*	
		For >250 To 500, Deduct	*-5.64*	
		For >500, Deduct	*-8.01*	
06 05 23 00-0145	EA	1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	37.36	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-2.23*	
		For >100 To 250, Deduct	*-4.46*	
		For >250 To 500, Deduct	*-7.55*	
		For >500, Deduct	*-10.64*	
06 05 23 00-0146	EA	3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	19.96	
		For >10 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-1.71*	
		For >100 To 250, Deduct	*-3.41*	
		For >250 To 500, Deduct	*-5.93*	
		For >500, Deduct	*-8.44*	
06 05 23 00-0147	EA	3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	24.14	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.90*	
		For >100 To 250, Deduct	*-3.80*	
		For >250 To 500, Deduct	*-6.56*	
		For >500, Deduct	*-9.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0148	EA	3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	24.80	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.91*	
		For >100 To 250, Deduct	*-3.83*	
		For >250 To 500, Deduct	*-6.61*	
		For >500, Deduct	*-9.38*	
06 05 23 00-0149	EA	3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	50.07	
		For >10 To 50, Deduct	*-1.04*	
		For >50 To 100, Deduct	*-2.81*	
		For >100 To 250, Deduct	*-5.61*	
		For >250 To 500, Deduct	*-9.45*	
		For >500, Deduct	*-13.29*	
06 05 23 00-0150	EA	3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	62.11	
		For >10 To 50, Deduct	*-1.09*	
		For >50 To 100, Deduct	*-3.19*	
		For >100 To 250, Deduct	*-6.38*	
		For >250 To 500, Deduct	*-10.67*	
		For >500, Deduct	*-14.96*	
06 05 23 00-0151	EA	3/8" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	69.70	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-3.55*	
		For >100 To 250, Deduct	*-7.11*	
		For >250 To 500, Deduct	*-11.87*	
		For >500, Deduct	*-16.63*	
06 05 23 00-0152	EA	1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	26.58	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.96*	
		For >100 To 250, Deduct	*-3.92*	
		For >250 To 500, Deduct	*-6.74*	
		For >500, Deduct	*-9.56*	
06 05 23 00-0153	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	30.65	
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-2.15*	
		For >100 To 250, Deduct	*-4.29*	
		For >250 To 500, Deduct	*-7.36*	
		For >500, Deduct	*-10.43*	
06 05 23 00-0154	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	38.15	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.42*	
		For >100 To 250, Deduct	*-4.84*	
		For >250 To 500, Deduct	*-8.24*	
		For >500, Deduct	*-11.64*	
06 05 23 00-0155	EA	1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	64.03	
		For >10 To 50, Deduct	*-1.09*	
		For >50 To 100, Deduct	*-3.24*	
		For >100 To 250, Deduct	*-6.48*	
		For >250 To 500, Deduct	*-10.81*	
		For >500, Deduct	*-15.15*	
06 05 23 00-0156	EA	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	72.10	
		For >10 To 50, Deduct	*-1.27*	
		For >50 To 100, Deduct	*-3.70*	
		For >100 To 250, Deduct	*-7.40*	
		For >250 To 500, Deduct	*-12.37*	
		For >500, Deduct	*-17.33*	
06 05 23 00-0157	EA	1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	117.64	
		For >10 To 50, Deduct	*-1.38*	
		For >50 To 100, Deduct	*-5.01*	
		For >100 To 250, Deduct	*-10.02*	
		For >250 To 500, Deduct	*-16.42*	
		For >500, Deduct	*-22.81*	
06 05 23 00-0158	EA	3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	91.21	
		For >10 To 50, Deduct	*-1.09*	
		For >50 To 100, Deduct	*-3.92*	
		For >100 To 250, Deduct	*-7.84*	
		For >250 To 500, Deduct	*-12.85*	
		For >500, Deduct	*-17.87*	
06 05 23 00-0159	EA	3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	131.21	
		For >10 To 50, Deduct	*-1.27*	
		For >50 To 100, Deduct	*-5.18*	
		For >100 To 250, Deduct	*-10.36*	
		For >250 To 500, Deduct	*-16.80*	
		For >500, Deduct	*-23.25*	
06 05 23 00-0160	EA	3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	145.98	
		For >10 To 50, Deduct	*-1.32*	
		For >50 To 100, Deduct	*-5.63*	
		For >100 To 250, Deduct	*-11.27*	
		For >250 To 500, Deduct	*-18.23*	
		For >500, Deduct	*-25.18*	
06 05 23 00-0161	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	219.24	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-7.64*	
		For >100 To 250, Deduct	*-15.28*	
		For >250 To 500, Deduct	*-24.35*	
		For >500, Deduct	*-33.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0162	EA	3/4" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	230.74	
		For >10 To 50, Deduct	*-1.50*	
		For >50 To 100, Deduct	*-8.01*	
		For >100 To 250, Deduct	*-16.02*	
		For >250 To 500, Deduct	*-25.53*	
		For >500, Deduct	*-35.04*	

06 05 23 00-0163 316 Stainless Steel, Carriage Bolts *(06 05 23 00-0094)*

06 05 23 00-0164	EA	1/4" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt	26.52	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.78*	
		For >100 To 250, Deduct	*-3.57*	
		For >250 To 500, Deduct	*-6.10*	
		For >500, Deduct	*-8.63*	
06 05 23 00-0165	EA	1/4" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt	30.19	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.88*	
		For >100 To 250, Deduct	*-3.75*	
		For >250 To 500, Deduct	*-6.38*	
		For >500, Deduct	*-9.00*	
06 05 23 00-0166	EA	3/8" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt	32.60	
		For >10 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-2.02*	
		For >100 To 250, Deduct	*-4.05*	
		For >250 To 500, Deduct	*-6.88*	
		For >500, Deduct	*-9.70*	
06 05 23 00-0167	EA	3/8" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt	38.85	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-2.27*	
		For >100 To 250, Deduct	*-4.53*	
		For >250 To 500, Deduct	*-7.66*	
		For >500, Deduct	*-10.79*	
06 05 23 00-0168	EA	1/2" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt	55.19	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-2.67*	
		For >100 To 250, Deduct	*-5.35*	
		For >250 To 500, Deduct	*-8.89*	
		For >500, Deduct	*-12.42*	
06 05 23 00-0169	EA	1/2" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt	60.30	
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-2.89*	
		For >100 To 250, Deduct	*-5.78*	
		For >250 To 500, Deduct	*-9.59*	
		For >500, Deduct	*-13.39*	
06 05 23 00-0170	EA	1/2" Diameter x 6" Length, 316 Stainless Steel, Carriage Bolt	65.10	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-3.09*	
		For >100 To 250, Deduct	*-6.19*	
		For >250 To 500, Deduct	*-10.26*	
		For >500, Deduct	*-14.33*	

06 05 23 00-0171 Hex Lag Bolts *(06 05 23 00-0093)*

Note: Includes drilling of holes in any material.

06 05 23 00-0172 Zinc Plated Steel, Hex Lag Bolts *(06 05 23 00-0171)*

06 05 23 00-0173	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt	14.66	
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.45*	
		For >100 To 250, Deduct	*-2.89*	
		For >250 To 500, Deduct	*-5.05*	
		For >500, Deduct	*-7.22*	
06 05 23 00-0174	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	14.83	
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.45*	
		For >100 To 250, Deduct	*-2.90*	
		For >250 To 500, Deduct	*-5.07*	
		For >500, Deduct	*-7.24*	
06 05 23 00-0175	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	15.19	
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.46*	
		For >100 To 250, Deduct	*-2.92*	
		For >250 To 500, Deduct	*-5.09*	
		For >500, Deduct	*-7.27*	
06 05 23 00-0176	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt	16.20	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.58*	
		For >100 To 250, Deduct	*-3.16*	
		For >250 To 500, Deduct	*-5.52*	
		For >500, Deduct	*-7.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0177	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	17.67	
		For >10 To 50, Deduct	*-0.84*	
		For >50 To 100, Deduct	*-1.70*	
		For >100 To 250, Deduct	*-3.40*	
		For >250 To 500, Deduct	*-5.95*	
		For >500, Deduct	*-8.49*	
06 05 23 00-0178	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	18.06	
		For >10 To 50, Deduct	*-0.84*	
		For >50 To 100, Deduct	*-1.71*	
		For >100 To 250, Deduct	*-3.42*	
		For >250 To 500, Deduct	*-5.97*	
		For >500, Deduct	*-8.53*	
06 05 23 00-0179	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt	22.20	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.07*	
		For >100 To 250, Deduct	*-4.13*	
		For >250 To 500, Deduct	*-7.21*	
		For >500, Deduct	*-10.28*	
06 05 23 00-0180	EA	3/8" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt	23.54	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.18*	
		For >100 To 250, Deduct	*-4.37*	
		For >250 To 500, Deduct	*-7.61*	
		For >500, Deduct	*-10.86*	
06 05 23 00-0181	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt	18.04	
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-1.72*	
		For >100 To 250, Deduct	*-3.44*	
		For >250 To 500, Deduct	*-6.01*	
		For >500, Deduct	*-8.57*	
06 05 23 00-0182	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	19.72	
		For >10 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-1.85*	
		For >100 To 250, Deduct	*-3.69*	
		For >250 To 500, Deduct	*-6.44*	
		For >500, Deduct	*-9.19*	
06 05 23 00-0183	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	21.57	
		For >10 To 50, Deduct	*-0.96*	
		For >50 To 100, Deduct	*-1.98*	
		For >100 To 250, Deduct	*-3.95*	
		For >250 To 500, Deduct	*-6.89*	
		For >500, Deduct	*-9.83*	
06 05 23 00-0184	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt	24.66	
		For >10 To 50, Deduct	*-1.07*	
		For >50 To 100, Deduct	*-2.22*	
		For >100 To 250, Deduct	*-4.45*	
		For >250 To 500, Deduct	*-7.74*	
		For >500, Deduct	*-11.03*	
06 05 23 00-0185	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt	29.17	
		For >10 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-2.59*	
		For >100 To 250, Deduct	*-5.18*	
		For >250 To 500, Deduct	*-9.01*	
		For >500, Deduct	*-12.85*	
06 05 23 00-0186	EA	1/2" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt	31.83	
		For >10 To 50, Deduct	*-1.35*	
		For >50 To 100, Deduct	*-2.83*	
		For >100 To 250, Deduct	*-5.65*	
		For >250 To 500, Deduct	*-9.83*	
		For >500, Deduct	*-14.01*	
06 05 23 00-0187	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	27.01	
		For >10 To 50, Deduct	*-1.07*	
		For >50 To 100, Deduct	*-2.28*	
		For >100 To 250, Deduct	*-4.56*	
		For >250 To 500, Deduct	*-7.92*	
		For >500, Deduct	*-11.27*	
06 05 23 00-0188	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	32.44	
		For >10 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-2.67*	
		For >100 To 250, Deduct	*-5.35*	
		For >250 To 500, Deduct	*-9.26*	
		For >500, Deduct	*-13.17*	
06 05 23 00-0189	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt	36.25	
		For >10 To 50, Deduct	*-1.30*	
		For >50 To 100, Deduct	*-2.85*	
		For >100 To 250, Deduct	*-5.70*	
		For >250 To 500, Deduct	*-9.85*	
		For >500, Deduct	*-14.00*	
06 05 23 00-0190	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt	40.96	
		For >10 To 50, Deduct	*-1.41*	
		For >50 To 100, Deduct	*-3.14*	
		For >100 To 250, Deduct	*-6.28*	
		For >250 To 500, Deduct	*-10.83*	
		For >500, Deduct	*-15.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0191	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt	46.40	
		For >10 To 50, Deduct	*-1.47*	
		For >50 To 100, Deduct	*-3.36*	
		For >100 To 250, Deduct	*-6.72*	
		For >250 To 500, Deduct	*-11.54*	
		For >500, Deduct	*-16.37*	

06 05 23 00-0192 Hot Dipped Galvanized Steel, Hex Lag Bolts *(06 05 23 00-0171)*

06 05 23 00-0193	EA	1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	14.74	
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.45*	
		For >100 To 250, Deduct	*-2.89*	
		For >250 To 500, Deduct	*-5.06*	
		For >500, Deduct	*-7.23*	
06 05 23 00-0194	EA	1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	15.01	
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.45*	
		For >100 To 250, Deduct	*-2.91*	
		For >250 To 500, Deduct	*-5.08*	
		For >500, Deduct	*-7.25*	
06 05 23 00-0195	EA	1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	15.28	
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.46*	
		For >100 To 250, Deduct	*-2.92*	
		For >250 To 500, Deduct	*-5.10*	
		For >500, Deduct	*-7.28*	
06 05 23 00-0196	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	16.35	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.58*	
		For >100 To 250, Deduct	*-3.17*	
		For >250 To 500, Deduct	*-5.54*	
		For >500, Deduct	*-7.90*	
06 05 23 00-0197	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	17.90	
		For >10 To 50, Deduct	*-0.84*	
		For >50 To 100, Deduct	*-1.71*	
		For >100 To 250, Deduct	*-3.42*	
		For >250 To 500, Deduct	*-5.96*	
		For >500, Deduct	*-8.51*	
06 05 23 00-0198	EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	18.34	
		For >10 To 50, Deduct	*-0.84*	
		For >50 To 100, Deduct	*-1.72*	
		For >100 To 250, Deduct	*-3.44*	
		For >250 To 500, Deduct	*-6.00*	
		For >500, Deduct	*-8.55*	
06 05 23 00-0199	EA	3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	22.73	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.08*	
		For >100 To 250, Deduct	*-4.16*	
		For >250 To 500, Deduct	*-7.25*	
		For >500, Deduct	*-10.33*	
06 05 23 00-0200	EA	3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	24.42	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.21*	
		For >100 To 250, Deduct	*-4.41*	
		For >250 To 500, Deduct	*-7.68*	
		For >500, Deduct	*-10.95*	
06 05 23 00-0201	EA	1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	18.44	
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-1.73*	
		For >100 To 250, Deduct	*-3.46*	
		For >250 To 500, Deduct	*-6.04*	
		For >500, Deduct	*-8.61*	
06 05 23 00-0202	EA	1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	19.94	
		For >10 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-1.85*	
		For >100 To 250, Deduct	*-3.70*	
		For >250 To 500, Deduct	*-6.46*	
		For >500, Deduct	*-9.21*	
06 05 23 00-0203	EA	1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	21.97	
		For >10 To 50, Deduct	*-0.96*	
		For >50 To 100, Deduct	*-1.99*	
		For >100 To 250, Deduct	*-3.97*	
		For >250 To 500, Deduct	*-6.92*	
		For >500, Deduct	*-9.87*	
06 05 23 00-0204	EA	1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	25.85	
		For >10 To 50, Deduct	*-1.07*	
		For >50 To 100, Deduct	*-2.25*	
		For >100 To 250, Deduct	*-4.51*	
		For >250 To 500, Deduct	*-7.83*	
		For >500, Deduct	*-11.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0205	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	29.75	
		For >10 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-2.61*	
		For >100 To 250, Deduct	*-5.21*	
		For >250 To 500, Deduct	*-9.06*	
		For >500, Deduct	*-12.90*	
06 05 23 00-0206	EA	1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	33.26	
		For >10 To 50, Deduct	*-1.35*	
		For >50 To 100, Deduct	*-2.86*	
		For >100 To 250, Deduct	*-5.72*	
		For >250 To 500, Deduct	*-9.94*	
		For >500, Deduct	*-14.15*	
06 05 23 00-0207	EA	3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	27.89	
		For >10 To 50, Deduct	*-1.07*	
		For >50 To 100, Deduct	*-2.30*	
		For >100 To 250, Deduct	*-4.61*	
		For >250 To 500, Deduct	*-7.98*	
		For >500, Deduct	*-11.36*	
06 05 23 00-0208	EA	3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	33.24	
		For >10 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-2.69*	
		For >100 To 250, Deduct	*-5.39*	
		For >250 To 500, Deduct	*-9.32*	
		For >500, Deduct	*-13.25*	
06 05 23 00-0209	EA	3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	37.58	
		For >10 To 50, Deduct	*-1.30*	
		For >50 To 100, Deduct	*-2.89*	
		For >100 To 250, Deduct	*-5.77*	
		For >250 To 500, Deduct	*-9.95*	
		For >500, Deduct	*-14.13*	
06 05 23 00-0210	EA	3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	44.12	
		For >10 To 50, Deduct	*-1.41*	
		For >50 To 100, Deduct	*-3.22*	
		For >100 To 250, Deduct	*-6.44*	
		For >250 To 500, Deduct	*-11.06*	
		For >500, Deduct	*-15.69*	
06 05 23 00-0211	EA	3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	49.78	
		For >10 To 50, Deduct	*-1.47*	
		For >50 To 100, Deduct	*-3.44*	
		For >100 To 250, Deduct	*-6.89*	
		For >250 To 500, Deduct	*-11.80*	
		For >500, Deduct	*-16.71*	

06 05 23 00-0212 304/18-8 Stainless Steel, Hex Lag Bolts *(06 05 23 00-0171)*

06 05 23 00-0213	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	15.69	
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.47*	
		For >100 To 250, Deduct	*-2.94*	
		For >250 To 500, Deduct	*-5.13*	
		For >500, Deduct	*-7.32*	
06 05 23 00-0214	EA	1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	16.68	
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.50*	
		For >100 To 250, Deduct	*-2.99*	
		For >250 To 500, Deduct	*-5.21*	
		For >500, Deduct	*-7.42*	
06 05 23 00-0215	EA	1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	19.34	
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.56*	
		For >100 To 250, Deduct	*-3.12*	
		For >250 To 500, Deduct	*-5.41*	
		For >500, Deduct	*-7.69*	
06 05 23 00-0216	EA	3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	19.03	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.65*	
		For >100 To 250, Deduct	*-3.30*	
		For >250 To 500, Deduct	*-5.74*	
		For >500, Deduct	*-8.17*	
06 05 23 00-0217	EA	3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	21.65	
		For >10 To 50, Deduct	*-0.84*	
		For >50 To 100, Deduct	*-1.80*	
		For >100 To 250, Deduct	*-3.60*	
		For >250 To 500, Deduct	*-6.24*	
		For >500, Deduct	*-8.89*	
06 05 23 00-0218	EA	3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	23.35	
		For >10 To 50, Deduct	*-0.84*	
		For >50 To 100, Deduct	*-1.84*	
		For >100 To 250, Deduct	*-3.69*	
		For >250 To 500, Deduct	*-6.37*	
		For >500, Deduct	*-9.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0219	EA	3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	50.41	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.77*	
		For >100 To 250, Deduct	*-5.54*	
		For >250 To 500, Deduct	*-9.32*	
		For >500, Deduct	*-13.10*	
06 05 23 00-0220	EA	3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	72.28	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-3.40*	
		For >100 To 250, Deduct	*-6.80*	
		For >250 To 500, Deduct	*-11.27*	
		For >500, Deduct	*-15.73*	
06 05 23 00-0221	EA	1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	23.52	
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-1.86*	
		For >100 To 250, Deduct	*-3.71*	
		For >250 To 500, Deduct	*-6.42*	
		For >500, Deduct	*-9.12*	
06 05 23 00-0222	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	28.20	
		For >10 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-2.06*	
		For >100 To 250, Deduct	*-4.12*	
		For >250 To 500, Deduct	*-7.08*	
		For >500, Deduct	*-10.04*	
06 05 23 00-0223	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	35.47	
		For >10 To 50, Deduct	*-0.96*	
		For >50 To 100, Deduct	*-2.32*	
		For >100 To 250, Deduct	*-4.65*	
		For >250 To 500, Deduct	*-7.93*	
		For >500, Deduct	*-11.22*	
06 05 23 00-0224	EA	1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	77.25	
		For >10 To 50, Deduct	*-1.07*	
		For >50 To 100, Deduct	*-3.54*	
		For >100 To 250, Deduct	*-7.08*	
		For >250 To 500, Deduct	*-11.68*	
		For >500, Deduct	*-16.29*	
06 05 23 00-0225	EA	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	106.06	
		For >10 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-4.51*	
		For >100 To 250, Deduct	*-9.03*	
		For >250 To 500, Deduct	*-14.78*	
		For >500, Deduct	*-20.53*	
06 05 23 00-0226	EA	1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	124.28	
		For >10 To 50, Deduct	*-1.35*	
		For >50 To 100, Deduct	*-5.14*	
		For >100 To 250, Deduct	*-10.27*	
		For >250 To 500, Deduct	*-16.77*	
		For >500, Deduct	*-23.26*	
06 05 23 00-0227	EA	3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	116.04	
		For >10 To 50, Deduct	*-1.07*	
		For >50 To 100, Deduct	*-4.51*	
		For >100 To 250, Deduct	*-9.02*	
		For >250 To 500, Deduct	*-14.59*	
		For >500, Deduct	*-20.17*	
06 05 23 00-0228	EA	3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	132.59	
		For >10 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-5.18*	
		For >100 To 250, Deduct	*-10.35*	
		For >250 To 500, Deduct	*-16.77*	
		For >500, Deduct	*-23.19*	
06 05 23 00-0229	EA	3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	137.94	
		For >10 To 50, Deduct	*-1.30*	
		For >50 To 100, Deduct	*-5.39*	
		For >100 To 250, Deduct	*-10.79*	
		For >250 To 500, Deduct	*-17.48*	
		For >500, Deduct	*-24.17*	
06 05 23 00-0230	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	192.73	
		For >10 To 50, Deduct	*-1.41*	
		For >50 To 100, Deduct	*-6.93*	
		For >100 To 250, Deduct	*-13.87*	
		For >250 To 500, Deduct	*-22.21*	
		For >500, Deduct	*-30.55*	
06 05 23 00-0231	EA	3/4" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	210.59	
		For >10 To 50, Deduct	*-1.47*	
		For >50 To 100, Deduct	*-7.46*	
		For >100 To 250, Deduct	*-14.93*	
		For >250 To 500, Deduct	*-23.86*	
		For >500, Deduct	*-32.79*	

06 05 23 00-0232 Stainless Steel Screws *(06 05 23 00-0093)*

06 05 23 00-0233	EA	#8 x 1-1/2" Stainless Steel Screw	2.34	
06 05 23 00-0234	EA	#9 x 1-1/2" Stainless Steel Screw	2.39	
06 05 23 00-0235	EA	#10 x 1-1/2" Stainless Steel Screw	2.46	
06 05 23 00-0236	EA	#12 x 1-1/2" Stainless Steel Screw	2.67	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

06 05 23 00-0237 Galvanized Steel Screws *(06 05 23 00-0093)*

06 05 23 00-0238	EA	#8 x 1-1/2" Galvanized Steel Screw	2.12	
06 05 23 00-0239	EA	#9 x 1-1/2" Galvanized Steel Screw	2.17	
06 05 23 00-0240	EA	#10 x 1-1/2" Galvanized Steel Screw	2.23	
06 05 23 00-0241	EA	#12 x 1-1/2" Galvanized Steel Screw	2.41	
06 05 23 00-0242	EA	#8 x 2-1/2" Galvanized Steel Screw	2.17	
06 05 23 00-0243	EA	#9 x 2-1/2" Galvanized Steel Screw	2.21	
06 05 23 00-0244	EA	#10 x 2-1/2" Galvanized Steel Screw	2.28	
06 05 23 00-0245	EA	#12 x 2-1/2" Galvanized Steel Screw	2.51	

06 05 23 00-0246 Timber Bolts *(06 05 23 00-0093)*

Note: Includes drilling of holes in any material.

06 05 23 00-0247	EA	5/8" - 11 x 4" Threaded x 8" OAL A153 Galvanized Timber Bolt (Fastenal #11103914)	38.56	
		For >10 To 50, Deduct	*-1.19*	
		For >50 To 100, Deduct	*-2.75*	
		For >100 To 250, Deduct	*-5.51*	
		For >250 To 500, Deduct	*-9.45*	
		For >500, Deduct	*-13.40*	
06 05 23 00-0248	EA	5/8" - 11 x 4" Threaded x 10" OAL A153 Galvanized Timber Bolt (Fastenal #11103915)	43.61	
		For >10 To 50, Deduct	*-1.33*	
		For >50 To 100, Deduct	*-3.09*	
		For >100 To 250, Deduct	*-6.18*	
		For >250 To 500, Deduct	*-10.61*	
		For >500, Deduct	*-15.04*	
06 05 23 00-0249	EA	5/8" - 11 x 6" Threaded x 12" OAL A153 Galvanized Timber Bolt (Fastenal #11103916)	47.19	
		For >10 To 50, Deduct	*-1.42*	
		For >50 To 100, Deduct	*-3.31*	
		For >100 To 250, Deduct	*-6.62*	
		For >250 To 500, Deduct	*-11.36*	
		For >500, Deduct	*-16.09*	
06 05 23 00-0250	EA	5/8" - 11 x 6" Threaded x 14" OAL A153 Galvanized Timber Bolt (Fastenal #11103917)	52.88	
		For >10 To 50, Deduct	*-1.50*	
		For >50 To 100, Deduct	*-3.58*	
		For >100 To 250, Deduct	*-7.15*	
		For >250 To 500, Deduct	*-12.23*	
		For >500, Deduct	*-17.31*	
06 05 23 00-0251	EA	5/8" - 11 x 6" Threaded x 16" OAL A153 Galvanized Timber Bolt (Fastenal #11103918)	56.33	
		For >10 To 50, Deduct	*-1.58*	
		For >50 To 100, Deduct	*-3.78*	
		For >100 To 250, Deduct	*-7.57*	
		For >250 To 500, Deduct	*-12.94*	
		For >500, Deduct	*-18.31*	
06 05 23 00-0252	EA	5/8" - 11 x 6" Threaded x 18" OAL A153 Galvanized Timber Bolt (Fastenal #11103919)	58.46	
		For >10 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-3.94*	
		For >100 To 250, Deduct	*-7.88*	
		For >250 To 500, Deduct	*-13.48*	
		For >500, Deduct	*-19.07*	
06 05 23 00-0253	EA	3/4" - 11 x 4" Threaded x 10" OAL A153 Galvanized Timber Bolt (Fastenal #11103920)	52.66	
		For >10 To 50, Deduct	*-1.42*	
		For >50 To 100, Deduct	*-3.45*	
		For >100 To 250, Deduct	*-6.90*	
		For >250 To 500, Deduct	*-11.77*	
		For >500, Deduct	*-16.64*	
06 05 23 00-0254	EA	3/4" - 11 x 6" Threaded x 12" OAL A153 Galvanized Timber Bolt (Fastenal #11103921)	55.11	
		For >10 To 50, Deduct	*-1.48*	
		For >50 To 100, Deduct	*-3.60*	
		For >100 To 250, Deduct	*-7.19*	
		For >250 To 500, Deduct	*-12.27*	
		For >500, Deduct	*-17.35*	
06 05 23 00-0255	EA	3/4" - 11 x 6" Threaded x 14" OAL A153 Galvanized Timber Bolt (Fastenal #11103922)	61.30	
		For >10 To 50, Deduct	*-1.57*	
		For >50 To 100, Deduct	*-3.88*	
		For >100 To 250, Deduct	*-7.77*	
		For >250 To 500, Deduct	*-13.22*	
		For >500, Deduct	*-18.67*	
06 05 23 00-0256	EA	3/4" - 11 x 6" Threaded x 16" OAL A153 Galvanized Timber Bolt (Fastenal #11103923)	65.94	
		For >10 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.12*	
		For >100 To 250, Deduct	*-8.24*	
		For >250 To 500, Deduct	*-14.01*	
		For >500, Deduct	*-19.78*	
06 05 23 00-0257	EA	3/4" - 11 x 6" Threaded x 18" OAL A153 Galvanized Timber Bolt (Fastenal #11103924)	71.00	
		For >10 To 50, Deduct	*-1.73*	
		For >50 To 100, Deduct	*-4.37*	
		For >100 To 250, Deduct	*-8.74*	
		For >250 To 500, Deduct	*-14.83*	
		For >500, Deduct	*-20.93*	

06 05 23 00-0258 Supports *(06 05 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0259		**Shear Plates** *(06 05 23 00-0258)*		
06 05 23 00-0260	EA	2-5/8" Diameter, Shear Plate	14.95	4.26
		For >10 To 50, Deduct	*-0.48*	
		For >50 To 100, Deduct	*-1.09*	
		For >100 To 250, Deduct	*-2.19*	
		For >250 To 500, Deduct	*-3.76*	
		For >500, Deduct	*-5.33*	
06 05 23 00-0261	EA	4" Diameter, Shear Plate	14.50	4.49
		For >10 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-1.11*	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-3.84*	
		For >500, Deduct	*-5.45*	
06 05 23 00-0262		**Sill Anchors** *(06 05 23 00-0258)*		
06 05 23 00-0263	EA	Sill Anchor Embedded In Concrete	13.04	4.49
		For >10 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-1.08*	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-3.73*	
		For >500, Deduct	*-5.30*	
06 05 23 00-0264		**Spike Grids** *(06 05 23 00-0258)*		
06 05 23 00-0265	EA	3" x 6" Flat Or Curved Spike Grid	11.72	4.26
		For >10 To 50, Deduct	*-0.48*	
		For >50 To 100, Deduct	*-1.01*	
		For >100 To 250, Deduct	*-2.02*	
		For >250 To 500, Deduct	*-3.52*	
		For >500, Deduct	*-5.01*	
06 05 23 00-0266		**Split Rings** *(06 05 23 00-0258)*		
06 05 23 00-0267	EA	2-1/2" Diameter Split Ring	15.13	4.26
		For >10 To 50, Deduct	*-0.48*	
		For >50 To 100, Deduct	*-1.10*	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-3.77*	
		For >500, Deduct	*-5.35*	
06 05 23 00-0268	EA	4" Diameter Split Ring	16.30	4.72
		For >10 To 50, Deduct	*-0.52*	
		For >50 To 100, Deduct	*-1.19*	
		For >100 To 250, Deduct	*-2.38*	
		For >250 To 500, Deduct	*-4.10*	
		For >500, Deduct	*-5.81*	
06 05 23 00-0269		**Toothed Rings** *(06 05 23 00-0258)*		
06 05 23 00-0270	EA	2-5/8" Or 4" Toothed Ring	12.37	4.26
		For >10 To 50, Deduct	*-0.48*	
		For >50 To 100, Deduct	*-1.03*	
		For >100 To 250, Deduct	*-2.06*	
		For >250 To 500, Deduct	*-3.57*	
		For >500, Deduct	*-5.07*	
06 05 23 00-0271		**Straps And Shields** *(06 05 23)*		
06 05 23 00-0272		**Shield Plate** *(06 05 23 00-0271)*		
06 05 23 00-0273	EA	5" Wide x 8" Long, 16 Gauge, Galvanized Shield Plate (Simpson Strong Tie® PSPN58Z)	10.05	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.32*	
		For >100 To 250, Deduct	*-0.65*	
		For >250 To 500, Deduct	*-1.11*	
		For >500, Deduct	*-1.67*	
06 05 23 00-0274	EA	5" Wide x 16" Long, 16 Gauge, Galvanized Shield Plate (Simpson Strong Tie® PSPN516Z)	16.24	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.49*	
		For >100 To 250, Deduct	*-0.98*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-2.42*	
06 05 23 00-0275		**Strap Ties** *(06 05 23 00-0271)*		
06 05 23 00-0276	EA	1-1/4" Wide x 9" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA9)	3.62	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-0.56*	
		For >500, Deduct	*-0.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0277	EA	1-1/4" Wide x 12" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA12)	3.72	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-0.57*	
		For >500, Deduct	*-0.90*	
06 05 23 00-0278	EA	1-1/4" Wide x 15" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA15)	4.76	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.72*	
		For >500, Deduct	*-1.14*	
06 05 23 00-0279	EA	1-1/4" Wide x 18" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA18)	4.98	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.73*	
		For >500, Deduct	*-1.16*	
06 05 23 00-0280	EA	1-1/4" Wide x 21" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA21)	5.19	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.75*	
		For >500, Deduct	*-1.18*	
06 05 23 00-0281	EA	1-1/4" Wide x 24" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA24)	5.93	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.88*	
		For >500, Deduct	*-1.39*	
06 05 23 00-0282	EA	1-1/4" Wide x 30" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA30)	7.92	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.28*	
		For >100 To 250, Deduct	*-0.57*	
		For >250 To 500, Deduct	*-1.03*	
		For >500, Deduct	*-1.59*	
06 05 23 00-0283	EA	1-1/4" Wide x 36" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA36)	9.18	
		For >10 To 50, Deduct	*-0.10*	
		For >50 To 100, Deduct	*-0.33*	
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.19*	
		For >500, Deduct	*-1.84*	
06 05 23 00-0284	EA	1-1/4" Wide x 9" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA9)	4.06	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.59*	
		For >500, Deduct	*-0.94*	
06 05 23 00-0285	EA	1-1/4" Wide x 12" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA12)	4.23	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.60*	
		For >500, Deduct	*-0.95*	
06 05 23 00-0286	EA	1-1/4" Wide x 15" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA15)	5.39	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.76*	
		For >500, Deduct	*-1.20*	
06 05 23 00-0287	EA	1-1/4" Wide x 18" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA18)	5.65	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.78*	
		For >500, Deduct	*-1.23*	
06 05 23 00-0288	EA	1-1/4" Wide x 21" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA21)	5.78	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.79*	
		For >500, Deduct	*-1.24*	
06 05 23 00-0289	EA	1-1/4" Wide x 24" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA24)	6.56	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.25*	
		For >100 To 250, Deduct	*-0.50*	
		For >250 To 500, Deduct	*-0.92*	
		For >500, Deduct	*-1.45*	
06 05 23 00-0290	EA	1-1/4" Wide x 30" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA30)	8.34	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.29*	
		For >100 To 250, Deduct	*-0.59*	
		For >250 To 500, Deduct	*-1.06*	
		For >500, Deduct	*-1.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0291	EA	1-1/4" Wide x 36" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA36)	9.19	
		For >10 To 50, Deduct	*-0.10*	
		For >50 To 100, Deduct	*-0.33*	
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.19*	
		For >500, Deduct	*-1.85*	
06 05 23 00-0292	EA	1-1/4" Wide x 36" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA49)	14.90	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.49*	
		For >100 To 250, Deduct	*-0.98*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.55*	
06 05 23 00-0293	EA	1-1/4" Wide x 9" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST9)	4.89	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.65*	
		For >500, Deduct	*-1.02*	
06 05 23 00-0294	EA	1-1/4" Wide x 12" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST12)	4.90	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.66*	
		For >500, Deduct	*-1.02*	
06 05 23 00-0295	EA	1-1/4" Wide x 18" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST18)	5.94	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.81*	
		For >500, Deduct	*-1.26*	
06 05 23 00-0296	EA	1-1/4" Wide x 22" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST22)	8.34	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.29*	
		For >100 To 250, Deduct	*-0.59*	
		For >250 To 500, Deduct	*-1.06*	
		For >500, Deduct	*-1.63*	
06 05 23 00-0297	EA	1-3/8" Wide x 6" Long, 12 Gauge, Galvanized Strap Tie (Simpson Strong Tie® HRS6)	7.26	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.83*	
		For >500, Deduct	*-1.26*	
06 05 23 00-0298	EA	1-3/8" Wide x 8" Long, 12 Gauge, Galvanized Strap Tie (Simpson Strong Tie® HRS8)	8.06	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-0.89*	
		For >500, Deduct	*-1.34*	
06 05 23 00-0299	EA	1-3/8" Wide x 12" Long, 12 Gauge, Galvanized Strap Tie (Simpson Strong Tie® HRS12)	10.60	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.34*	
		For >100 To 250, Deduct	*-0.67*	
		For >250 To 500, Deduct	*-1.16*	
		For >500, Deduct	*-1.72*	
06 05 23 00-0300	EA	2-1/16" Wide x 27" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST27)	15.95	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.49*	
		For >100 To 250, Deduct	*-0.97*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-2.39*	
06 05 23 00-0301	EA	2-1/16" Wide x 37" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST37)	19.93	
		For >10 To 50, Deduct	*-0.10*	
		For >50 To 100, Deduct	*-0.60*	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.92*	
06 05 23 00-0302	EA	2-1/16" Wide x 48" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST48)	29.79	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.86*	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-4.04*	
06 05 23 00-0303	EA	2-1/16" Wide x 60" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST60)	52.48	
		For >10 To 50, Deduct	*-0.13*	
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 250, Deduct	*-2.88*	
		For >250 To 500, Deduct	*-4.58*	
		For >500, Deduct	*-6.44*	
06 05 23 00-0304	EA	2-1/16" Wide x 72" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST72)	67.85	
		For >10 To 50, Deduct	*-0.14*	
		For >50 To 100, Deduct	*-1.84*	
		For >100 To 250, Deduct	*-3.68*	
		For >250 To 500, Deduct	*-5.81*	
		For >500, Deduct	*-8.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0305	EA	3" Wide x 28-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC28)	19.17	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.57*	
		For >100 To 250, Deduct	*-1.13*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.71*	
06 05 23 00-0306	EA	3" Wide x 40-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC40)	24.84	
		For >10 To 50, Deduct	*-0.10*	
		For >50 To 100, Deduct	*-0.72*	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-3.41*	
06 05 23 00-0307	EA	3" Wide x 52-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC52)	29.02	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.84*	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.96*	
06 05 23 00-0308	EA	3" Wide x 66-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC66)	44.57	
		For >10 To 50, Deduct	*-0.13*	
		For >50 To 100, Deduct	*-1.24*	
		For >100 To 250, Deduct	*-2.49*	
		For >250 To 500, Deduct	*-3.99*	
		For >500, Deduct	*-5.65*	

06 05 23 00-0309 Twist Strap Ties *(06 05 23 00-0271)*

06 05 23 00-0310	EA	1-1/4" Wide x 12" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS12)	4.32	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.61*	
		For >500, Deduct	*-0.96*	
06 05 23 00-0311	EA	1-1/4" Wide x 16" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS16)	5.49	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.74*	
		For >500, Deduct	*-1.14*	
06 05 23 00-0312	EA	1-1/4" Wide x 18" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS18)	6.36	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.84*	
		For >500, Deduct	*-1.30*	
06 05 23 00-0313	EA	1-1/4" Wide x 20" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS20)	6.87	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.25*	
		For >100 To 250, Deduct	*-0.50*	
		For >250 To 500, Deduct	*-0.91*	
		For >500, Deduct	*-1.41*	
06 05 23 00-0314	EA	1-1/4" Wide x 12" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS12)	4.26	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.61*	
		For >500, Deduct	*-0.96*	
06 05 23 00-0315	EA	1-1/4" Wide x 16" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS16)	5.59	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.74*	
		For >500, Deduct	*-1.15*	
06 05 23 00-0316	EA	1-1/4" Wide x 18" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS18)	6.53	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.85*	
		For >500, Deduct	*-1.32*	
06 05 23 00-0317	EA	1-1/4" Wide x 20" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS20)	6.93	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.25*	
		For >100 To 250, Deduct	*-0.50*	
		For >250 To 500, Deduct	*-0.91*	
		For >500, Deduct	*-1.42*	
06 05 23 00-0318	EA	1-1/4" Wide x 24" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS24)	9.67	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.33*	
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.16*	
		For >500, Deduct	*-1.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0319	EA	1-1/4" Wide x 16" Long, 14 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® HTS16)	7.40	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.25*	
		For >100 To 250, Deduct	*-0.50*	
		For >250 To 500, Deduct	*-0.88*	
		For >500, Deduct	*-1.34*	
06 05 23 00-0320	EA	1-1/4" Wide x 20" Long, 14 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® HTS20)	8.84	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.30*	
		For >100 To 250, Deduct	*-0.60*	
		For >250 To 500, Deduct	*-1.06*	
		For >500, Deduct	*-1.61*	
06 05 23 00-0321	EA	1-1/4" Wide x 24" Long, 14 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® HTS24)	10.33	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.34*	
		For >100 To 250, Deduct	*-0.69*	
		For >250 To 500, Deduct	*-1.21*	
		For >500, Deduct	*-1.83*	

06 05 23 00-0322 Retrofit Plate Strap *(06 05 23 00-0271)*

06 05 23 00-0323	EA	1-3/8" Wide x 18-5/16" Long, 16 Gauge, Galvanized Retrofit Plate Strap (Simpson Strong Tie® RPS18)	7.35	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.51*	
		For >250 To 500, Deduct	*-0.91*	
		For >500, Deduct	*-1.40*	
06 05 23 00-0324	EA	1-3/8" Wide x 22-5/16" Long, 16 Gauge, Galvanized Retrofit Plate Strap (Simpson Strong Tie® RPS22)	8.50	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.28*	
		For >100 To 250, Deduct	*-0.57*	
		For >250 To 500, Deduct	*-1.00*	
		For >500, Deduct	*-1.51*	
06 05 23 00-0325	EA	1-3/8" Wide x 28-5/16" Long, 16 Gauge, Galvanized Retrofit Plate Strap (Simpson Strong Tie® RPS28)	10.33	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.33*	
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.13*	
		For >500, Deduct	*-1.70*	

06 05 23 00-0326 Stud Shoe *(06 05 23 00-0271)*

06 05 23 00-0327	EA	6" High With 3-1/4" Wide Tabs For 2X Stud, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS1.5)	12.89	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.41*	
		For >100 To 250, Deduct	*-0.82*	
		For >250 To 500, Deduct	*-1.40*	
		For >500, Deduct	*-2.08*	
06 05 23 00-0328	EA	6" High With 3-1/4" Wide Tabs For 3X Stud, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS2.5)	26.31	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.74*	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-3.42*	
06 05 23 00-0329	EA	6" High With 3-1/4" Wide Tabs For 2-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS3)	26.43	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.75*	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-3.44*	
06 05 23 00-0330	EA	6" High With 3-1/4" Wide Tabs For 3-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS4.5)	35.76	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.98*	
		For >100 To 250, Deduct	*-1.96*	
		For >250 To 500, Deduct	*-3.11*	
		For >500, Deduct	*-4.37*	
06 05 23 00-0331	EA	7-1/8" High With 3-1/4" Wide Tabs For 2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® HSS2-SDS1.5)	33.54	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.92*	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.95*	
		For >500, Deduct	*-4.15*	
06 05 23 00-0332	EA	7-1/8" High With 3-1/4" Wide Tabs For 2-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie HSS2-2-SDS3)	36.42	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-1.00*	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-3.16*	
		For >500, Deduct	*-4.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0333	EA	7-1/8" High With 3-1/4" Wide Tabs For 3-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® HSS2-3-SDS3)	38.61	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-1.05*	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-3.33*	
		For >500, Deduct	*-4.65*	
06 05 23 00-0334	EA	7-1/8" High With 3-1/4" Wide Tabs For 4X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® HSS4-SDS3)	58.85	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-1.56*	
		For >100 To 250, Deduct	*-3.12*	
		For >250 To 500, Deduct	*-4.85*	
		For >500, Deduct	*-6.68*	

06 05 23 00-0335 Nail Stops *(06 05 23 00-0271)*

06 05 23 00-0336	EA	1-1/2" Wide x 3" Long, 16 Gauge, Galvanized Nail Stops (Simpson Strong Tie® NS1)	3.28	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.53*	
		For >500, Deduct	*-0.86*	
06 05 23 00-0337	EA	1-1/2" Wide x 6" Long, 16 Gauge, Galvanized Nail Stops (Simpson Strong Tie® NS2)	3.46	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.55*	
		For >500, Deduct	*-0.88*	

06 10 Rough Carpentry *(06)*

06 11 Wood Framing *(06 10)*

Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal. See CSI section 06 05 23 00-0000 for anchors and supports.

06 11 13 Engineered Wood Products *(06 11)*

Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal.

06 11 13 00-0001 Built-Up Members *(06 11 13)*

Note: A structural framing member made from fastening separate pieces of lumber together.

06 11 13 00-0002 Built-Up Beams Or Joists *(06 11 13 00-0001)*

06 11 13 00-0003	LF	Two 2" x 6" Built-up Wood Beam Or Joist	5.09	1.97
		For Each Additional 2" x_" In The Built Up Member, Add	*1.04*	
06 11 13 00-0004	LF	Two 2" x 8" Built-up Wood Beam Or Joist	6.40	2.32
		For Each Additional 2" x_" In The Built Up Member, Add	*1.47*	
06 11 13 00-0005	LF	Two 2" x 10" Built-up Wood Beam Or Joist	8.25	2.78
		For Each Additional 2" x_" In The Built Up Member, Add	*2.04*	

06 11 16 Mechanically Graded Lumber *(06 11)*

06 11 16 00-0001 Rafters And Joists *(06 11 16)*

06 11 16 00-0002 Rafters *(06 11 16 00-0001)*

Note: An inclined roof framing member to which a roof covering is attached.

06 11 16 00-0003	LF	2" x 6" Wood Rafter	2.90	1.39
06 11 16 00-0004	LF	2" x 8" Wood Rafter	3.44	1.50
06 11 16 00-0005	LF	2" x 10" Wood Rafter	4.93	2.20
06 11 16 00-0006	LF	2" x 12" Wood Rafter	5.71	2.44
06 11 16 00-0007	LF	2" x 14" Wood Rafter	6.22	2.66
06 11 16 00-0008	LF	2" x 6" Pressure Treated Wood Rafter	2.98	1.39
06 11 16 00-0009	LF	2" x 8" Pressure Treated Wood Rafter	3.55	1.50
06 11 16 00-0010	LF	2" x 10" Pressure Treated Wood Rafter	4.85	2.20
06 11 16 00-0011	LF	2" x 12" Pressure Treated Wood Rafter	5.79	2.44

06 11 16 00-0012 Joists *(06 11 16 00-0001)*

Note: A series of parallel beams to support floors or ceilings.

06 11 16 00-0013	LF	2" x 6" Pressure Treated Wood Floor Joist	2.62	1.16
06 11 16 00-0014	LF	2" x 8" Pressure Treated Wood Floor Joist	3.32	1.28
06 11 16 00-0015	LF	2" x 10" Pressure Treated Wood Floor Joist	4.04	1.63
06 11 16 00-0016	LF	2" x 12" Pressure Treated Wood Floor Joist	4.99	1.86

06 11 16 00-0017 Purlins *(06 11 16 00-0001)*

Note: A horizontal structural member in a roof, supporting the loads from the roof deck or sheathing.

06 11 16 00-0018	LF	2" x 4" Wood Purlin	2.01	0.69
06 11 16 00-0019	LF	2" x 6" Wood Purlin	2.57	0.76
06 11 16 00-0020	LF	2" x 8" Wood Purlin	3.15	0.84
06 11 16 00-0021	LF	2" x 10" Wood Purlin	3.90	0.92
06 11 16 00-0022	LF	2" x 4" Pressure Treated Wood Purlin	2.06	0.69

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0023	LF	2" x 6" Pressure Treated Wood Purlin	2.65	0.76
06 11 16 00-0024	LF	2" x 8" Pressure Treated Wood Purlin	3.26	0.84
06 11 16 00-0025	LF	2" x 10" Pressure Treated Wood Purlin	3.82	0.92
06 11 16 00-0026		Framing *(06 11 16)*		
06 11 16 00-0027		Partition Framing *(06 11 16 00-0026)*		
06 11 16 00-0028	LF	2" x 4" Wood Stud Framing, For Partition Walls	1.95	0.92
06 11 16 00-0029	LF	2" x 6" Wood Stud Framing, For Partition Walls	2.43	0.99
06 11 16 00-0030	LF	2" x 8" Wood Stud Framing, For Partition Walls	2.92	1.05
06 11 16 00-0031	LF	2" x 4" Pressure Treated Wood Stud Framing, For Partition Walls	2.00	0.92
06 11 16 00-0032	LF	2" x 6" Pressure Treated Wood Stud Framing, For Partition Walls	2.51	0.99
06 11 16 00-0033	LF	2" x 8" Pressure Treated Wood Stud Framing, For Partition Walls	3.03	1.05
06 11 16 00-0034		Sills And Plates *(06 11 16)*		
06 11 16 00-0035		Sills *(06 11 16 00-0034)*		
		Note: A horizontal member which rests on and is attached to the foundation.		
06 11 16 00-0036	LF	2" x 4" Wood Sill	3.22	1.74
		For "Green" Materials (FSC and SCS certified), Add	*0.09*	
06 11 16 00-0037	LF	2" x 6" Wood Sill	3.93	1.97
		For "Green" Materials (FSC and SCS certified), Add	*0.16*	
06 11 16 00-0038	LF	2" x 8" Wood Sill	4.74	2.20
		For "Green" Materials (FSC and SCS certified), Add	*0.22*	
06 11 16 00-0039	LF	2" x 4" Pressure Treated Wood Sill	3.27	1.74
06 11 16 00-0040	LF	2" x 6" Pressure Treated Wood Sill	4.01	1.97
06 11 16 00-0041	LF	2" x 8" Pressure Treated Wood Sill	4.85	2.20
06 11 16 00-0042		Plates *(06 11 16 00-0034)*		
		Note: A horizontal member connecting and terminating studs, posts, joists, rafters, etc. such as the top and bottom plate on a stud framed partition wall.		
06 11 16 00-0043	LF	2" x 4" Wood Plate	3.22	1.74
		For "Green" Materials (FSC and SCS certified), Add	*0.09*	
06 11 16 00-0044	LF	2" x 6" Wood Plate	3.93	1.97
		For "Green" Materials (FSC and SCS certified), Add	*0.16*	
06 11 16 00-0045	LF	2" x 8" Wood Plate	4.71	2.20
		For "Green" Materials (FSC and SCS certified), Add	*0.22*	
06 11 16 00-0046	LF	2" x 4" Pressure Treated Wood Plate	3.27	1.74
06 11 16 00-0047	LF	2" x 6" Pressure Treated Wood Plate	4.01	1.97
06 11 16 00-0048	LF	2" x 8" Pressure Treated Wood Plate	4.82	2.20
06 11 16 00-0049		Sills And Plates From Redwood *(06 11 16 00-0034)*		
06 11 16 00-0050		Construction Grade/Rough *(06 11 16 00-0049)*		
06 11 16 00-0051	LF	2" x 6" Redwood, Construction Grade/Rough	6.32	1.97
06 11 16 00-0052	LF	2" x 8" Redwood, Construction Grade/Rough	8.51	2.20
06 11 16 00-0053	LF	2" x 10" Redwood, Construction Grade/Rough	10.36	2.44
06 11 16 00-0054	LF	2" x 12" Redwood, Construction Grade/Rough	12.51	2.66
06 11 16 00-0055		Con Heart/Smooth *(06 11 16 00-0049)*		
06 11 16 00-0056	LF	2" x 6" Redwood, Con Heart/Smooth	7.79	1.97
06 11 16 00-0057	LF	2" x 8" Redwood, Con Heart/Smooth	10.71	2.20
06 11 16 00-0058	LF	2" x 10" Redwood, Con Heart/Smooth	14.08	2.44
06 11 16 00-0059	LF	2" x 12" Redwood, Con Heart/Smooth	16.93	2.66
06 11 16 00-0060		Suspended Ceiling Framing *(06 11 16)*		
06 11 16 00-0061	LF	1" x 2" Wood Suspended Ceiling Framing	2.60	1.50
06 11 16 00-0062	LF	1" x 3" Wood Suspended Ceiling Framing	2.86	1.63
06 11 16 00-0063	LF	1" x 4" Wood Suspended Ceiling Framing	3.00	1.74
06 11 16 00-0064	LF	2" x 2" Wood Suspended Ceiling Framing	3.11	1.74
06 11 16 00-0065	LF	2" x 4" Wood Suspended Ceiling Framing	3.70	1.97
06 11 16 00-0066	LF	1" x 2" Pressure Treated Wood Suspended Ceiling Framing	2.93	1.50
06 11 16 00-0067	LF	1" x 3" Pressure Treated Wood Suspended Ceiling Framing	2.88	1.63
06 11 16 00-0068	LF	1" x 4" Pressure Treated Wood Suspended Ceiling Framing	3.08	1.74
06 11 16 00-0069	LF	2" x 2" Pressure Treated Wood Suspended Ceiling Framing	3.16	1.74
06 11 16 00-0070	LF	2" x 4" Pressure Treated Wood Suspended Ceiling Framing	3.69	1.97
06 11 16 00-0071		Posts And Girts *(06 11 16)*		
06 11 16 00-0072		Posts *(06 11 16 00-0071)*		
		Note: A vertical, upright framing member.		
06 11 16 00-0073	LF	4" x 4" Wood Post	4.83	2.20
06 11 16 00-0074	LF	4" x 5" Wood Post	5.52	2.55
06 11 16 00-0075	LF	4" x 6" Wood Post	6.07	2.78
06 11 16 00-0076	LF	6" x 6" Wood Post	6.76	3.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0077	LF	8" x 8" Wood Post	7.46	3.13
06 11 16 00-0078	LF	10" x 10" Wood Post	8.15	3.60
06 11 16 00-0079	LF	4" x 4" Pressure Treated Wood Post	5.83	2.20
06 11 16 00-0080	LF	3" x 6" Pressure Treated Wood Post	6.70	2.78
06 11 16 00-0081	LF	4" x 6" Pressure Treated Wood Post	8.15	2.78
06 11 16 00-0082	LF	6" x 6" Pressure Treated Wood Post	11.31	3.02
06 11 16 00-0083		**Girts** *(06 11 16 00-0071)*		
		Note: A horizontal member at intermediate level between columns, studs, or posts.		
06 11 16 00-0084	LF	2" x 4" Wood Girt	2.29	0.83
06 11 16 00-0085	LF	2" x 6" Wood Girt	2.87	0.91
06 11 16 00-0086	LF	2" x 8" Wood Girt	3.49	1.01
06 11 16 00-0087	LF	2" x 10" Wood Girt	4.26	1.12
06 11 16 00-0088	LF	4" x 4" Wood Girt	4.65	1.67
06 11 16 00-0089	LF	4" x 5" Wood Girt	5.36	1.88
06 11 16 00-0090	LF	4" x 6" Wood Girt	6.04	2.08
06 11 16 00-0091	LF	6" x 6" Wood Girt	6.73	2.30
06 11 16 00-0092	LF	8" x 8" Wood Girt	7.44	2.50
06 11 16 00-0093	LF	10" x 10" Wood Girt	8.13	2.72
06 11 16 00-0094	LF	2" x 4" Pressure Treated Wood Girt	2.34	0.83
06 11 16 00-0095	LF	2" x 6" Pressure Treated Wood Girt	2.95	0.91
06 11 16 00-0096	LF	2" x 8" Pressure Treated Wood Girt	3.60	1.01
06 11 16 00-0097	LF	2" x 10" Pressure Treated Wood Girt	4.18	1.12
06 11 16 00-0098	LF	4" x 4" Pressure Treated Wood Girt	5.83	1.67
06 11 16 00-0099	LF	3" x 6" Pressure Treated Wood Girt	6.70	2.08
06 11 16 00-0100	LF	4" x 6" Pressure Treated Wood Girt	8.15	2.08
06 11 16 00-0101	LF	6" x 6" Pressure Treated Wood Girt	11.31	2.30
06 11 16 00-0102		**Construction Grade/Rough Redwood Posts** *(06 11 16 00-0071)*		
06 11 16 00-0103	LF	4" x 4" Redwood, Construction Grade/Rough Post	9.97	2.20
		For Smooth "Clear", Add	*1.33*	
06 11 16 00-0104	LF	4" x 5" Redwood, Construction Grade/Rough Post	12.03	2.55
		For Smooth "Clear", Add	*1.66*	
06 11 16 00-0105	LF	4" x 6" Redwood, Construction Grade/Rough Post	14.13	2.78
		For Smooth "Clear", Add	*1.99*	
06 11 16 00-0106	LF	4" x 8" Redwood, Construction Grade/Rough Post	17.64	2.86
		For Smooth "Clear", Add	*2.66*	
06 11 16 00-0107	LF	4" x 10" Redwood, Construction Grade/Rough Post	21.22	3.05
		For Smooth "Clear", Add	*3.32*	
06 11 16 00-0108	LF	6" x 6" Redwood, Construction Grade/Rough Post	19.53	3.02
		For Smooth "Clear", Add	*2.99*	
06 11 16 00-0109	LF	6" x 8" Redwood, Construction Grade/Rough Post	24.69	3.13
		For Smooth "Clear", Add	*3.98*	
06 11 16 00-0110	LF	6" x 10" Redwood, Construction Grade/Rough Post	29.80	2.94
		For Smooth "Clear", Add	*4.98*	
06 11 16 00-0111	LF	8" x 8" Redwood, Construction Grade/Rough Post	31.58	3.13
		For Smooth "Clear", Add	*5.31*	
06 11 16 00-0112		**Stair Stringers** *(06 11 16)*		
06 11 16 00-0113	LF	2" x 10" Wood Stair Stringer	8.96	4.63
		For "Green" Materials (FSC and SCS certified), Add	*0.30*	
06 11 16 00-0114	LF	2" x 12" Wood Stair Stringer	10.62	5.44
		For "Green" Materials (FSC and SCS certified), Add	*0.38*	
06 11 16 00-0115	LF	2" x 10" Pressure Treated Wood Stair Stringer	8.92	4.63
06 11 16 00-0116	LF	2" x 12" Pressure Treated Wood Stair Stringer	10.67	5.44
06 11 16 00-0117		**Blocking And Sleepers** *(06 11 16)*		
06 11 16 00-0118		**Blocking** *(06 11 16 00-0117)*		
06 11 16 00-0119		**Blocking To Wood** *(06 11 16 00-0118)*		
06 11 16 00-0120	LF	2" x 4" Pressure Treated Wood Blocking To Wood	6.54	2.78
		For Work In Restricted Working Space, Add	*1.67*	
06 11 16 00-0121	LF	2" x 6" Pressure Treated Wood Blocking To Wood	7.75	3.07
		For Work In Restricted Working Space, Add	*1.84*	
06 11 16 00-0122	LF	2" x 8" Pressure Treated Wood Blocking To Wood	8.83	3.37
		For Work In Restricted Working Space, Add	*2.02*	
06 11 16 00-0123	LF	4" x 4" Pressure Treated Wood Blocking To Wood	10.23	3.71
		For Work In Restricted Working Space, Add	*2.23*	
06 11 16 00-0124	LF	4" x 6" Pressure Treated Wood Blocking To Wood	12.34	4.07
		For Work In Restricted Working Space, Add	*2.45*	
06 11 16 00-0125	LF	2" x 4" Wood Blocking To Wood	6.19	2.78
		For Work In Restricted Working Space, Add	*1.67*	
06 11 16 00-0126	LF	2" x 6" Wood Blocking To Wood	7.17	3.07
		For Work In Restricted Working Space, Add	*1.84*	
06 11 16 00-0127	LF	2" x 8" Wood Blocking To Wood	8.21	3.37
		For Work In Restricted Working Space, Add	*2.02*	
06 11 16 00-0128	LF	4" x 4" Wood Blocking To Wood	8.92	3.71
		For Work In Restricted Working Space, Add	*2.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0129	LF	4" x 6" Wood Blocking To Wood	10.06	4.07
		For Work In Restricted Working Space, Add	*2.45*	
06 11 16 00-0130		**Blocking To Steel** *(06 11 16 00-0118)*		
06 11 16 00-0131	LF	2" x 4" Pressure Treated Wood Blocking To Steel	7.48	3.21
		For Work In Restricted Working Space, Add	*1.92*	
06 11 16 00-0132	LF	2" x 6" Pressure Treated Wood Blocking To Steel	8.83	3.53
		For Work In Restricted Working Space, Add	*2.11*	
06 11 16 00-0133	LF	2" x 8" Pressure Treated Wood Blocking To Steel	10.06	3.88
		For Work In Restricted Working Space, Add	*2.33*	
06 11 16 00-0134	LF	2" x 4" Wood Blocking To Steel	7.09	3.21
		For Work In Restricted Working Space, Add	*1.92*	
06 11 16 00-0135	LF	2" x 6" Wood Blocking To Steel	8.18	3.53
		For Work In Restricted Working Space, Add	*2.11*	
06 11 16 00-0136	LF	2" x 8" Wood Blocking To Steel	9.37	3.88
		For Work In Restricted Working Space, Add	*2.33*	
06 11 16 00-0137		**Blocking To Concrete** *(06 11 16 00-0118)*		
06 11 16 00-0138	LF	2" x 4" Pressure Treated Wood Blocking To Concrete	7.48	3.21
		For Work In Restricted Working Space, Add	*1.92*	
06 11 16 00-0139	LF	2" x 6" Pressure Treated Wood Blocking To Concrete	8.83	3.53
		For Work In Restricted Working Space, Add	*2.11*	
06 11 16 00-0140	LF	2" x 8" Pressure Treated Wood Blocking To Concrete	10.06	3.88
		For Work In Restricted Working Space, Add	*2.33*	
06 11 16 00-0141	LF	2" x 4" Wood Blocking To Concrete	7.09	3.21
		For Work In Restricted Working Space, Add	*1.92*	
06 11 16 00-0142	LF	2" x 6" Wood Blocking To Concrete	8.18	3.53
		For Work In Restricted Working Space, Add	*2.11*	
06 11 16 00-0143	LF	2" x 8" Wood Blocking To Concrete	9.37	3.88
		For Work In Restricted Working Space, Add	*2.33*	
06 11 16 00-0144		**Pressure Treated Lattice** *(06 11 16 00-0117)*		
06 11 16 00-0145	SF	3/4" Thick Pressure Treated Wood Lattice	7.78	2.44
06 11 16 00-0146		**Sleepers** *(06 11 16 00-0117)*		
06 11 16 00-0147		**Sleepers To Wood** *(06 11 16 00-0146)*		
06 11 16 00-0148	LF	1" x 2" Pressure Treated Wood Sleeper On Wood	1.42	0.41
06 11 16 00-0149	LF	1" x 3" Pressure Treated Wood Sleeper On Wood	1.36	0.47
06 11 16 00-0150	LF	1" x 4" Pressure Treated Wood Sleeper On Wood	1.64	0.52
06 11 16 00-0151	LF	2" x 4" Pressure Treated Wood Sleeper On Wood	2.25	0.64
06 11 16 00-0152	LF	2" x 6" Pressure Treated Wood Sleeper On Wood	3.01	0.70
06 11 16 00-0153		**Sleepers To Concrete** *(06 11 16 00-0146)*		
06 11 16 00-0154	LF	1" x 2" Pressure Treated Wood Sleeper On Concrete	1.48	0.41
06 11 16 00-0155	LF	1" x 3" Pressure Treated Wood Sleeper On Concrete	1.41	0.47
06 11 16 00-0156	LF	1" x 4" Pressure Treated Wood Sleeper On Concrete	1.70	0.52
06 11 16 00-0157	LF	2" x 4" Pressure Treated Wood Sleeper On Concrete	2.35	0.64
06 11 16 00-0158	LF	2" x 6" Pressure Treated Wood Sleeper On Concrete	3.18	0.70
06 11 16 00-0159		**Roofing Nailers** *(06 11 16)*		
06 11 16 00-0160	LF	2" x 4" Pressure Treated Lumber, For Roofing Nailers	3.33	0.92
06 11 16 00-0161	LF	2" x 6" Pressure Treated Lumber, For Roofing Nailers	3.90	0.99
06 11 16 00-0162	LF	2" x 8" Pressure Treated Lumber, For Roofing Nailers	4.47	1.05
06 11 16 00-0163		**Roofing Sleepers** *(06 11 16)*		
06 11 16 00-0164	LF	2" x 4" Pressure Treated Lumber, For Roofing Sleepers	1.54	
06 11 16 00-0165	LF	4" x 4" Pressure Treated Lumber, For Roofing Sleepers	4.18	
06 11 16 00-0166	LF	4" x 6" Pressure Treated Lumber, For Roofing Sleepers	6.06	
06 11 16 00-0167	LF	6" x 6" Pressure Treated Lumber, For Roofing Sleepers	9.04	
06 11 16 00-0168		**Canopy Framing, Bridging, And Furring** *(06 11 16)*		
06 11 16 00-0169		**Wood And Steel Bridging** *(06 11 16 00-0168)*		
06 11 16 00-0170		**Wood Bridging** *(06 11 16 00-0169)*		
06 11 16 00-0171	EA	1 Pair Wood Bridging, 1" x 3" Cross Type Note: For joists spaced at 16" on center.	9.46	4.06
06 11 16 00-0172	EA	1 Pair Wood Bridging, 2" x 3" Cross Type Note: For joists spaced at 16" on center.	9.79	4.06
06 11 16 00-0173		**Steel Bridging** *(06 11 16 00-0169)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0174	EA	1 Pair Steel Bridging, Wood Joists At 16" On Center	11.26	4.06
06 11 16 00-0175	EA	1 Pair Steel Bridging, Wood Joists At 24" On Center	11.23	4.06
06 11 16 00-0176		Light Framing, Trim And Furring *(06 11 16 00-0168)*		
06 11 16 00-0177		Redwood Light Framing, Trim And Furring *(06 11 16 00-0176)*		
		Note: S4S board, select grade 1		
06 11 16 00-0178	LF	1" x 1" Redwood Light Framing, Trim And Furring	2.07	0.95
06 11 16 00-0179	LF	1" x 2" Redwood Light Framing, Trim And Furring	2.43	1.05
06 11 16 00-0180	LF	1" x 4" Redwood Light Framing, Trim And Furring	3.02	1.15
06 11 16 00-0181	LF	1" x 6" Redwood Light Framing, Trim And Furring	3.67	1.26
06 11 16 00-0182	LF	1" x 8" Redwood Light Framing, Trim And Furring	4.38	1.39
06 11 16 00-0183	LF	1" x 10" Redwood Light Framing, Trim And Furring	5.16	1.53
06 11 16 00-0184	LF	2" x 2" Redwood Light Framing, Trim And Furring	3.69	1.26
06 11 16 00-0185	LF	2" x 4" Redwood Light Framing, Trim And Furring	4.41	1.39
06 11 16 00-0186		Poplar Light Framing, Trim And Furring *(06 11 16 00-0176)*		
		Note: S4S board, select grade 1		
06 11 16 00-0187	LF	1" x 1" Poplar Light Framing, Trim And Furring	2.47	0.95
06 11 16 00-0188	LF	1" x 2" Poplar Light Framing, Trim And Furring	3.05	1.05
06 11 16 00-0189	LF	1" x 4" Poplar Light Framing, Trim And Furring	3.91	1.15
06 11 16 00-0190	LF	1" x 6" Poplar Light Framing, Trim And Furring	5.04	1.26
06 11 16 00-0191	LF	1" x 8" Poplar Light Framing, Trim And Furring	5.88	1.39
06 11 16 00-0192	LF	1" x 10" Poplar Light Framing, Trim And Furring	7.86	1.53
06 11 16 00-0193	LF	1" x 12" Poplar Light Framing, Trim And Furring	8.54	1.53
06 11 16 00-0194	LF	2" x 2" Poplar Light Framing, Trim And Furring	6.75	1.26
06 11 16 00-0195	LF	2" x 4" Poplar Light Framing, Trim And Furring	7.57	1.39
06 11 16 00-0196	LF	2" x 6" Poplar Light Framing, Trim And Furring	10.24	1.53
06 11 16 00-0197		Maple Light Framing, Trim And Furring *(06 11 16 00-0176)*		
		Note: S4S board, select grade 1		
06 11 16 00-0198	LF	1" x 4" Maple Light Framing, Trim And Furring	4.98	1.15
06 11 16 00-0199	LF	1" x 6" Maple Light Framing, Trim And Furring	6.69	1.26
06 11 16 00-0200	LF	1" x 8" Maple Light Framing, Trim And Furring	8.45	1.39

06 13 Heavy Timber Construction *(06 10)*

06 13 23 Heavy Timber Framing *(06 13)*

06 13 23 00-0001		Heavy Timber Framing *(06 13 23)*		
		Note: Excludes fasteners. See CSI section 06 05 23 00-0093 for bolts and fasteners.		
06 13 23 00-0002		Heavy Timber Beams *(06 13 23 00-0001)*		
06 13 23 00-0003		Pine, Heavy Timber Beams *(06 13 23 00-0002)*		
06 13 23 00-0004	LF	4" x 4", Pine, Heavy Timber Beam	6.73	2.06
06 13 23 00-0005	LF	4" x 6", Pine, Heavy Timber Beam	8.23	2.14
06 13 23 00-0006	LF	4" x 8", Pine, Heavy Timber Beam	9.71	2.23
06 13 23 00-0007	LF	4" x 10", Pine, Heavy Timber Beam	12.71	2.38
06 13 23 00-0008	LF	4" x 12", Pine, Heavy Timber Beam	15.17	2.52
06 13 23 00-0009	LF	6" x 6", Pine, Heavy Timber Beam	10.49	2.32
06 13 23 00-0010	LF	6" x 8", Pine, Heavy Timber Beam	12.66	2.44
06 13 23 00-0011	LF	6" x 10", Pine, Heavy Timber Beam	17.16	2.61
06 13 23 00-0012	LF	6" x 12", Pine, Heavy Timber Beam	20.51	2.66
06 13 23 00-0013	LF	8" x 8", Pine, Heavy Timber Beam	15.53	2.52
06 13 23 00-0014	LF	8" x 10", Pine, Heavy Timber Beam	21.14	2.61
06 13 23 00-0015	LF	8" x 12", Pine, Heavy Timber Beam	25.66	2.66
06 13 23 00-0016	LF	10" x 10", Pine, Heavy Timber Beam	25.34	2.66
06 13 23 00-0017	LF	10" x 12", Pine, Heavy Timber Beam	31.11	2.89
06 13 23 00-0018	LF	12" x 12", Pine, Heavy Timber Beam	36.74	3.19
06 13 23 00-0019		Douglas Fir, Heavy Timber Beams *(06 13 23 00-0002)*		
06 13 23 00-0020	LF	4" x 4", Douglas Fir, Heavy Timber Beam	7.00	2.06
06 13 23 00-0021	LF	4" x 6", Douglas Fir, Heavy Timber Beam	8.62	2.14
06 13 23 00-0022	LF	4" x 8", Douglas Fir, Heavy Timber Beam	10.24	2.23
06 13 23 00-0023	LF	4" x 10", Douglas Fir, Heavy Timber Beam	13.51	2.38
06 13 23 00-0024	LF	4" x 12", Douglas Fir, Heavy Timber Beam	16.17	2.52
06 13 23 00-0025	LF	6" x 6", Douglas Fir, Heavy Timber Beam	11.08	2.32
06 13 23 00-0026	LF	6" x 8", Douglas Fir, Heavy Timber Beam	13.44	2.44
06 13 23 00-0027	LF	6" x 10", Douglas Fir, Heavy Timber Beam	18.34	2.61
06 13 23 00-0028	LF	6" x 12", Douglas Fir, Heavy Timber Beam	22.04	2.66
06 13 23 00-0029	LF	8" x 8", Douglas Fir, Heavy Timber Beam	16.58	2.52
06 13 23 00-0030	LF	8" x 10", Douglas Fir, Heavy Timber Beam	22.73	2.61
06 13 23 00-0031	LF	8" x 12", Douglas Fir, Heavy Timber Beam	27.69	2.66
06 13 23 00-0032	LF	10" x 10", Douglas Fir, Heavy Timber Beam	27.32	2.66
06 13 23 00-0033	LF	10" x 12", Douglas Fir, Heavy Timber Beam	33.61	2.89
06 13 23 00-0034	LF	12" x 12", Douglas Fir, Heavy Timber Beam	39.77	3.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 13 23 00-0035		**Pressure Treated, Heavy Timber Beams** *(06 13 23 00-0002)*		
06 13 23 00-0036	LF	4" x 4", Pressure Treated, Heavy Timber Beam	6.61	2.06
06 13 23 00-0037	LF	4" x 6", Pressure Treated, Heavy Timber Beam	8.27	2.14
06 13 23 00-0038	LF	4" x 8", Pressure Treated, Heavy Timber Beam	9.72	2.23
06 13 23 00-0039	LF	4" x 10", Pressure Treated, Heavy Timber Beam	12.72	2.38
06 13 23 00-0040	LF	4" x 12", Pressure Treated, Heavy Timber Beam	15.16	2.52
06 13 23 00-0041	LF	6" x 6", Pressure Treated, Heavy Timber Beam	11.31	2.32
06 13 23 00-0042	LF	6" x 8", Pressure Treated, Heavy Timber Beam	13.78	2.44
06 13 23 00-0043	LF	6" x 10", Pressure Treated, Heavy Timber Beam	16.48	2.61
06 13 23 00-0044	LF	6" x 12", Pressure Treated, Heavy Timber Beam	20.12	2.66
06 13 23 00-0045	LF	8" x 8", Pressure Treated, Heavy Timber Beam	20.29	2.52
06 13 23 00-0046	LF	8" x 10", Pressure Treated, Heavy Timber Beam	23.51	2.61
06 13 23 00-0047	LF	8" x 12", Pressure Treated, Heavy Timber Beam	27.62	2.66
06 13 23 00-0048	LF	10" x 10", Pressure Treated, Heavy Timber Beam	27.73	2.66
06 13 23 00-0049	LF	10" x 12", Pressure Treated, Heavy Timber Beam	36.59	2.89
06 13 23 00-0050	LF	12" x 12", Pressure Treated, Heavy Timber Beam	43.34	3.19
06 13 23 00-0051		**Heavy Timber Columns** *(06 13 23 00-0001)*		
06 13 23 00-0052		**Pine, Heavy Timber Columns** *(06 13 23 00-0051)*		
06 13 23 00-0053	LF	4" x 4", Pine, Heavy Timber Column	4.78	1.09
06 13 23 00-0054	LF	4" x 6", Pine, Heavy Timber Column	6.23	1.15
06 13 23 00-0055	LF	4" x 8", Pine, Heavy Timber Column	7.60	1.18
06 13 23 00-0056	LF	4" x 10", Pine, Heavy Timber Column	10.46	1.25
06 13 23 00-0057	LF	4" x 12", Pine, Heavy Timber Column	12.78	1.33
06 13 23 00-0058	LF	6" x 6", Pine, Heavy Timber Column	8.32	1.21
06 13 23 00-0059	LF	6" x 8", Pine, Heavy Timber Column	10.40	1.26
06 13 23 00-0060	LF	6" x 10", Pine, Heavy Timber Column	14.69	1.37
06 13 23 00-0061	LF	6" x 12", Pine, Heavy Timber Column	17.98	1.40
06 13 23 00-0062	LF	8" x 8", Pine, Heavy Timber Column	13.14	1.33
06 13 23 00-0063	LF	8" x 10", Pine, Heavy Timber Column	18.67	1.37
06 13 23 00-0064	LF	8" x 12", Pine, Heavy Timber Column	23.08	1.43
06 13 23 00-0065	LF	10" x 10", Pine, Heavy Timber Column	22.77	1.43
06 13 23 00-0066	LF	10" x 12", Pine, Heavy Timber Column	28.36	1.52
06 13 23 00-0067	LF	12" x 12", Pine, Heavy Timber Column	33.71	1.68
06 13 23 00-0068		**Douglas Fir, Heavy Timber Columns** *(06 13 23 00-0051)*		
06 13 23 00-0069	LF	4" x 4", Douglas Fir, Heavy Timber Column	5.05	1.09
06 13 23 00-0070	LF	4" x 6", Douglas Fir, Heavy Timber Column	6.62	1.15
06 13 23 00-0071	LF	4" x 8", Douglas Fir, Heavy Timber Column	8.13	1.18
06 13 23 00-0072	LF	4" x 10", Douglas Fir, Heavy Timber Column	11.26	1.25
06 13 23 00-0073	LF	4" x 12", Douglas Fir, Heavy Timber Column	13.78	1.33
06 13 23 00-0074	LF	6" x 6", Douglas Fir, Heavy Timber Column	8.91	1.21
06 13 23 00-0075	LF	6" x 8", Douglas Fir, Heavy Timber Column	11.18	1.26
06 13 23 00-0076	LF	6" x 10", Douglas Fir, Heavy Timber Column	15.87	1.37
06 13 23 00-0077	LF	6" x 12", Douglas Fir, Heavy Timber Column	19.51	1.40
06 13 23 00-0078	LF	8" x 8", Douglas Fir, Heavy Timber Column	14.19	1.33
06 13 23 00-0079	LF	8" x 10", Douglas Fir, Heavy Timber Column	20.26	1.37
06 13 23 00-0080	LF	8" x 12", Douglas Fir, Heavy Timber Column	25.11	1.43
06 13 23 00-0081	LF	10" x 10", Douglas Fir, Heavy Timber Column	24.75	1.43
06 13 23 00-0082	LF	10" x 12", Douglas Fir, Heavy Timber Column	30.86	1.52
06 13 23 00-0083	LF	12" x 12", Douglas Fir, Heavy Timber Column	36.74	1.68
06 13 23 00-0084		**Pressure Treated, Heavy Timber Columns** *(06 13 23 00-0051)*		
06 13 23 00-0085	LF	4" x 4", Pressure Treated, Heavy Timber Column	4.66	1.09
06 13 23 00-0086	LF	4" x 6", Pressure Treated, Heavy Timber Column	6.27	1.15
06 13 23 00-0087	LF	4" x 8", Pressure Treated, Heavy Timber Column	7.61	1.18
06 13 23 00-0088	LF	4" x 10", Pressure Treated, Heavy Timber Column	10.47	1.25
06 13 23 00-0089	LF	4" x 12", Pressure Treated, Heavy Timber Column	12.77	1.33
06 13 23 00-0090	LF	6" x 6", Pressure Treated, Heavy Timber Column	9.14	1.21
06 13 23 00-0091	LF	6" x 8", Pressure Treated, Heavy Timber Column	11.52	1.26
06 13 23 00-0092	LF	6" x 10", Pressure Treated, Heavy Timber Column	14.01	1.37
06 13 23 00-0093	LF	6" x 12", Pressure Treated, Heavy Timber Column	17.59	1.40
06 13 23 00-0094	LF	8" x 8", Pressure Treated, Heavy Timber Column	17.90	1.33
06 13 23 00-0095	LF	8" x 10", Pressure Treated, Heavy Timber Column	21.04	1.37
06 13 23 00-0096	LF	8" x 12", Pressure Treated, Heavy Timber Column	25.04	1.43
06 13 23 00-0097	LF	10" x 10", Pressure Treated, Heavy Timber Column	25.16	1.43
06 13 23 00-0098	LF	10" x 12", Pressure Treated, Heavy Timber Column	33.84	1.52
06 13 23 00-0099	LF	12" x 12", Pressure Treated, Heavy Timber Column	40.31	1.68

06 15 Wood Decking *(06 10)*

06 15 13 Wood Floor Decking *(06 15)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0001		**Wood Deck System Assemblies** *(06 15 13)* Note: Includes the deck, joists, girders, railing posts 8' on-center, pickets and railing. Excludes ground posts.		
06 15 13 00-0002		**Pressure Treated Wood Deck System Assemblies** *(06 15 13 00-0001)*		
06 15 13 00-0003		**2" x 8" Joists At 16" On Center, Pressure Treated Wood Deck System Assemblies** *(06 15 13 00-0002)*		
06 15 13 00-0004	SF	5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System Assembly	40.79	8.22
06 15 13 00-0005	SF	5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System Assembly	39.58	7.82
06 15 13 00-0006	SF	2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System Assembly	42.37	8.43
06 15 13 00-0007	SF	2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System Assembly	41.20	8.02
06 15 13 00-0008		**2" x 10" Joists At 16" On Center, Pressure Treated Wood Deck System Assemblies** *(06 15 13 00-0002)*		
06 15 13 00-0009	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System Assembly	42.21	8.43
06 15 13 00-0010	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System Assembly	40.97	8.00
06 15 13 00-0011	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System Assembly	43.82	8.65
06 15 13 00-0012	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System Assembly	42.62	8.21
06 15 13 00-0013		**2" x 10" Joists At 24" On Center, Pressure Treated Wood Deck System Assemblies** *(06 15 13 00-0002)*		
06 15 13 00-0014	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System Assembly	40.79	8.22
06 15 13 00-0015	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System Assembly	39.58	7.82
06 15 13 00-0016	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System Assembly	42.37	8.43
06 15 13 00-0017	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System Assembly	41.20	8.02
06 15 13 00-0018		**Redwood With Pressure Treated Joists, Wood Deck System Assemblies** *(06 15 13 00-0001)*		
06 15 13 00-0019		**2" x 8" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System Assemblies** *(06 15 13 00-0018)*		
06 15 13 00-0020	SF	5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System Assembly	43.93	8.22
06 15 13 00-0021	SF	5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System Assembly	42.87	7.54
06 15 13 00-0022	SF	2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System Assembly	46.32	8.43
06 15 13 00-0023	SF	2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System Assembly	44.91	8.02
06 15 13 00-0024		**2" x 10" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System Assemblies** *(06 15 13 00-0018)*		
06 15 13 00-0025	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System Assembly	47.14	8.43
06 15 13 00-0026	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System Assembly	46.05	8.00
06 15 13 00-0027	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System Assembly	49.72	8.65
06 15 13 00-0028	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System Assembly	48.32	8.21
06 15 13 00-0029		**2" x 10" Joists At 24" On Center, Redwood With Pressure Treated Joists, Wood Deck System Assemblies** *(06 15 13 00-0018)*		
06 15 13 00-0030	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System Assembly	45.19	8.22
06 15 13 00-0031	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System Assembly	44.14	7.82
06 15 13 00-0032	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System Assembly	47.65	8.43
06 15 13 00-0033	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System Assembly	47.26	8.02
06 15 13 00-0034		**Wood Ramp System Assemblies** *(06 15 13)* Note: Includes the decking, joists, girders, railing posts at corners and along ramp, pickets and railing. Excludes ground posts.		
06 15 13 00-0035		**Pressure Treated Wood Ramp System Assemblies** *(06 15 13 00-0034)*		
06 15 13 00-0036		**2" x 6" Joists, Pressure Treated Wood Ramp System Assemblies** *(06 15 13 00-0035)*		
06 15 13 00-0037	SF	5/4" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System Assembly	47.18	8.02
06 15 13 00-0038	SF	5/4" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System Assembly	45.61	7.62
06 15 13 00-0039	SF	2" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System Assembly	48.90	8.22
06 15 13 00-0040	SF	2" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System Assembly	47.34	7.82
06 15 13 00-0041		**2" x 8" Joists, Pressure Treated Wood Ramp System Assemblies** *(06 15 13 00-0035)*		
06 15 13 00-0042	SF	5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System Assembly	48.72	8.22
06 15 13 00-0043	SF	5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System Assembly	47.11	7.82
06 15 13 00-0044	SF	2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System Assembly	50.50	8.43
06 15 13 00-0045	SF	2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System Assembly	48.92	8.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0046		**2" x 10" Joists, Pressure Treated Wood Ramp System Assemblies** *(06 15 13 00-0035)*		
06 15 13 00-0047	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System Assembly	50.31	8.42
06 15 13 00-0048	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System Assembly	48.69	8.00
06 15 13 00-0049	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System Assembly	52.16	8.65
06 15 13 00-0050	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System Assembly	50.54	8.21
06 15 13 00-0051		**Redwood With Pressure Treated Joists, Wood Ramp System Assemblies** *(06 15 13 00-0034)*		
06 15 13 00-0052		**2" x 6" Joists, Redwood With Pressure Treated Joists, Wood Ramp System Assemblies** *(06 15 13 00-0051)*		
06 15 13 00-0053	SF	5/4" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System Assembly	50.13	8.02
06 15 13 00-0054	SF	5/4" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System Assembly	48.70	7.62
06 15 13 00-0055	SF	2" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System Assembly	52.61	8.22
06 15 13 00-0056	SF	2" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System Assembly	50.83	7.82
06 15 13 00-0057		**2" x 8" Joists, Redwood With Pressure Treated Joists, Wood Ramp System Assemblies** *(06 15 13 00-0051)*		
06 15 13 00-0058	SF	5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System Assembly	51.86	8.22
06 15 13 00-0059	SF	5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System Assembly	50.40	7.82
06 15 13 00-0060	SF	2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System Assembly	54.45	8.43
06 15 13 00-0061	SF	2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System Assembly	52.63	8.02
06 15 13 00-0062		**2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Ramp System Assemblies** *(06 15 13 00-0051)*		
06 15 13 00-0063	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System Assembly	55.26	8.42
06 15 13 00-0064	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System Assembly	53.77	8.00
06 15 13 00-0065	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System Assembly	58.07	8.65
06 15 13 00-0066	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System Assembly	56.89	8.21
06 15 13 00-0067		**Cedar With Pressure Treated Joists, Wood Ramp System Assemblies** *(06 15 13 00-0034)*		
06 15 13 00-0068		**2" x 6" Joists, Cedar With Pressure Treated Joists, Wood Ramp System Assemblies** *(06 15 13 00-0067)*		
06 15 13 00-0069	SF	5/4" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System Assembly	48.23	8.02
06 15 13 00-0070	SF	5/4" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System Assembly	46.70	7.62
06 15 13 00-0071	SF	2" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System Assembly	50.04	8.22
06 15 13 00-0072	SF	2" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System Assembly	48.53	7.82
06 15 13 00-0073		**2" x 8" Joists, Cedar With Pressure Treated Joists, Wood Ramp System Assemblies** *(06 15 13 00-0067)*		
06 15 13 00-0074	SF	5/4" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System Assembly	49.83	8.22
06 15 13 00-0075	SF	5/4" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System Assembly	48.27	7.82
06 15 13 00-0076	SF	2" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System Assembly	51.71	8.43
06 15 13 00-0077	SF	2" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System Assembly	50.18	8.02
06 15 13 00-0078		**2" x 10" Joists, Cedar With Pressure Treated Joists, Wood Ramp System Assemblies** *(06 15 13 00-0067)*		
06 15 13 00-0079	SF	5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System Assembly	51.52	8.42
06 15 13 00-0080	SF	5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System Assembly	49.92	8.00
06 15 13 00-0081	SF	2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System Assembly	53.45	8.65
06 15 13 00-0082	SF	2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System Assembly	51.88	8.21
06 15 13 00-0083		**Wood Stair System Assemblies** *(06 15 13)* Note: Includes the decking, joists, girders, railing posts at corners and along stairs, pickets and railing. Excludes ground posts.		
06 15 13 00-0084		**Pressure Treated Wood Stair System Assemblies** *(06 15 13 00-0083)*		
06 15 13 00-0085		**2" x 10" Joists, Pressure Treated Wood Stair System Assemblies** *(06 15 13 00-0084)*		
06 15 13 00-0086	RSR	3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System Assembly	129.99	19.73
06 15 13 00-0087	RSR	3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System Assembly	127.27	18.74
06 15 13 00-0088	RSR	3' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System Assembly	134.10	20.25
06 15 13 00-0089	RSR	3' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System Assembly	130.67	19.23
06 15 13 00-0090	RSR	3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System Assembly	136.49	20.73
06 15 13 00-0091	RSR	3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System Assembly	133.63	19.69
06 15 13 00-0092	RSR	3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System Assembly	140.81	21.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0093	RSR	3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System Assembly	137.20	20.19
06 15 13 00-0094	RSR	4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System Assembly	143.14	21.76
06 15 13 00-0095	RSR	4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System Assembly	140.12	20.67
06 15 13 00-0096	RSR	4' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System Assembly	147.66	22.32
06 15 13 00-0097	RSR	4' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System Assembly	143.86	21.20
06 15 13 00-0098	RSR	5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System Assembly	152.21	22.85
06 15 13 00-0099	RSR	5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System Assembly	149.15	21.71
06 15 13 00-0100	RSR	5' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System Assembly	157.05	23.44
06 15 13 00-0101	RSR	5' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System Assembly	153.13	22.27
06 15 13 00-0102		**2" x 12" Joists, Pressure Treated Wood Stair System Assemblies** *(06 15 13 00-0084)*		
06 15 13 00-0103	RSR	3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System Assembly	132.72	20.24
06 15 13 00-0104	RSR	3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System Assembly	129.32	19.22
06 15 13 00-0105	RSR	3' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System Assembly	137.07	20.75
06 15 13 00-0106	RSR	3' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System Assembly	133.63	19.71
06 15 13 00-0107	RSR	3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System Assembly	139.36	21.25
06 15 13 00-0108	RSR	3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System Assembly	135.79	20.18
06 15 13 00-0109	RSR	3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System Assembly	143.93	21.78
06 15 13 00-0110	RSR	3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System Assembly	140.30	20.69
06 15 13 00-0111	RSR	4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System Assembly	146.14	22.30
06 15 13 00-0112	RSR	4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System Assembly	142.40	21.19
06 15 13 00-0113	RSR	4' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System Assembly	150.93	22.88
06 15 13 00-0114	RSR	4' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System Assembly	147.13	21.74
06 15 13 00-0115	RSR	5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System Assembly	155.38	23.43
06 15 13 00-0116	RSR	5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System Assembly	151.53	22.26
06 15 13 00-0117	RSR	5' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System Assembly	160.51	24.02
06 15 13 00-0118	RSR	5' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System Assembly	156.59	22.82
06 15 13 00-0119		**Redwood With Pressure Treated Joists, Wood Stair System Assemblies** *(06 15 13 00-0083)*		
06 15 13 00-0120		**2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Stair System Assemblies** *(06 15 13 00-0119)*		
06 15 13 00-0121	RSR	3' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System Assembly	147.46	19.73
06 15 13 00-0122	RSR	3' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System Assembly	144.58	18.74
06 15 13 00-0123	RSR	3' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System Assembly	152.66	20.25
06 15 13 00-0124	RSR	3' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System Assembly	149.77	19.23
06 15 13 00-0125	RSR	3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System Assembly	154.84	20.73
06 15 13 00-0126	RSR	3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System Assembly	151.80	19.69
06 15 13 00-0127	RSR	3'-6" Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System Assembly	160.30	21.26
06 15 13 00-0128	RSR	3'-6" Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System Assembly	157.25	20.19
06 15 13 00-0129	RSR	4' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System Assembly	162.31	21.76
06 15 13 00-0130	RSR	4' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System Assembly	159.11	20.67
06 15 13 00-0131	RSR	4' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System Assembly	168.02	22.32
06 15 13 00-0132	RSR	4' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System Assembly	164.82	21.20
06 15 13 00-0133	RSR	5' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System Assembly	173.29	22.85
06 15 13 00-0134	RSR	5' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System Assembly	170.04	21.71
06 15 13 00-0135	RSR	5' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System Assembly	179.45	23.44
06 15 13 00-0136	RSR	5' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System Assembly	176.19	22.27
06 15 13 00-0137		**2" x 12" Joists, Redwood With Pressure Treated Joists, Wood Stair System Assemblies** *(06 15 13 00-0119)*		
06 15 13 00-0138	RSR	3' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System Assembly	145.03	20.24
06 15 13 00-0139	RSR	3' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System Assembly	142.07	19.22
06 15 13 00-0140	RSR	3' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System Assembly	149.90	20.75
06 15 13 00-0141	RSR	3' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System Assembly	147.05	19.71
06 15 13 00-0142	RSR	3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System Assembly	152.29	21.25
06 15 13 00-0143	RSR	3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System Assembly	149.19	20.18
06 15 13 00-0144	RSR	3'-6" Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System Assembly	157.39	21.78
06 15 13 00-0145	RSR	3'-6" Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System Assembly	154.40	20.69
06 15 13 00-0146	RSR	4' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System Assembly	159.66	22.30
06 15 13 00-0147	RSR	4' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System Assembly	156.39	21.19
06 15 13 00-0148	RSR	4' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System Assembly	165.00	22.88
06 15 13 00-0149	RSR	4' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System Assembly	161.86	21.74
06 15 13 00-0150	RSR	5' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System Assembly	170.25	23.43
06 15 13 00-0151	RSR	5' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System Assembly	166.92	22.26
06 15 13 00-0152	RSR	5' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System Assembly	175.99	24.02
06 15 13 00-0153	RSR	5' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System Assembly	172.79	22.82
06 15 13 00-0154		**Wood Deck And Ramp Systems Repairs** *(06 15 13)*		

Note: Includes removal of material and screws. Excludes anchors and bolts.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0155		**Deck Joist Or Girt** *(06 15 13 00-0154)* See CSI section 06 11 16 00-0012 for treated wood joist replacement.		
06 15 13 00-0156		**Deck Boards** *(06 15 13 00-0154)*		
06 15 13 00-0157	LF	5/4" x 4" Round Edge Pressure Treated Deck Boards	2.52	0.89
06 15 13 00-0158	LF	5/4" x 6" Round Edge Pressure Treated Deck Boards	2.74	1.06
06 15 13 00-0159	LF	2" x 4" Round Edge Pressure Treated Deck Boards	2.25	1.06
06 15 13 00-0160	LF	2" x 6" Round Edge Pressure Treated Deck Boards	2.94	1.22
06 15 13 00-0161	LF	2" x 8" Round Edge Pressure Treated Deck Boards	3.74	1.46
06 15 13 00-0162	LF	2" x 10" Round Edge Pressure Treated Deck Boards	4.58	1.79
06 15 13 00-0163	LF	2" x 12" Round Edge Pressure Treated Deck Boards	5.65	2.11
06 15 13 00-0164	LF	2" x 4" Round Edge Cedar Deck Boards	2.90	1.06
06 15 13 00-0165	LF	2" x 6" Round Edge Cedar Deck Boards	3.80	1.22
06 15 13 00-0166	LF	2" x 4" Round Edge Redwood Deck Boards	3.21	1.06
06 15 13 00-0167	LF	2" x 6" Round Edge Redwood Deck Boards	4.26	1.22
06 15 13 00-0168		**Deck Railing And Pickets** *(06 15 13 00-0154)*		
06 15 13 00-0169	LF	2" x 4" Pressure Treated Deck Railing	2.25	1.06
06 15 13 00-0170	LF	2" x 2" Pressure Treated Deck Railing Picket	1.76	0.81
06 15 13 00-0171	LF	2" x 4" Cedar Deck Railing	2.90	1.06
06 15 13 00-0172	LF	2" x 2" Cedar Deck Railing Picket	2.19	0.81
06 15 13 00-0173	LF	2" x 4" Redwood Deck Railing	3.21	1.06
06 15 13 00-0174	LF	2" x 2" Redwood Deck Railing Picket	2.42	0.81
06 15 13 00-0175		**Deck Posts** *(06 15 13 00-0154)* See CSI section 06 11 16 00-0071 for treated wood post replacement, 06 51 13 00-0024 for plastic/composite lumber column replacement.		

06 16 Sheathing *(06 10)*

06 16 23 Subflooring *(06 16)*

06 16 23 00-0001		**Board Type Subflooring** *(06 16 23)*		
06 16 23 00-0002	SF	1" x 8" Regular Surface Board Type Subfloor Note: 4 Sides Laid In A Regular Pattern.	3.24	0.92
		For Water Resistant Coating Or Treatment, Add	*0.07*	
		For Foil Backing, Add	*0.12*	
		For Tongue And Groove, Add	*0.08*	
06 16 23 00-0003	SF	1" x 8" Diagonal Surface Board Type Subfloor Note: 4 Sides Laid In A Diagonal Pattern.	3.63	1.16
		For Water Resistant Coating Or Treatment, Add	*0.07*	
		For Foil Backing, Add	*0.12*	
		For Tongue And Groove, Add	*0.08*	
06 16 23 00-0004	SF	1" x 10" Regular Surface Board Type Subfloor Note: 4 sides laid in a regular pattern.	3.11	0.81
		For Water Resistant Coating Or Treatment, Add	*0.07*	
		For Foil Backing, Add	*0.12*	
		For Tongue And Groove, Add	*0.08*	
06 16 23 00-0005	SF	1" x 10" Diagonal Surface Board Type Subfloor Note: 4 sides laid in a diagonal pattern.	3.38	0.92
		For Water Resistant Coating Or Treatment, Add	*0.07*	
		For Foil Backing, Add	*0.12*	
		For Tongue And Groove, Add	*0.08*	

06 16 33 Wood Board Sheathing *(06 16)*

06 16 33 00-0001		**Plywood** *(06 16 33)*		
06 16 33 00-0002		**Roof Decking** *(06 16 33 00-0001)*		
06 16 33 00-0003	SF	3/8" Thick CDX Plywood Roof Decking Note: Applied to wood rafters.	1.94	0.58
		For ACQ Preservative Treatment, Add	*0.28*	
		For Shear Wall Construction, Add	*0.27*	
		For Exterior CC Grade Plywood, Add	*0.09*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.27*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.04*	
		For Fire Retardant Treatment, Add	*0.46*	
		For >1,696 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.10*	
		For >12,800, Deduct	*-0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0004	SF	1/2" Thick CDX Plywood Roof Decking Note: Applied to wood rafters.	2.19	0.69
		For ACQ Preservative Treatment, Add	*0.34*	
		For Shear Wall Construction, Add	*0.30*	
		For Exterior CC Grade Plywood, Add	*0.11*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.30*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.24*	
		For Fire Retardant Treatment, Add	*0.55*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.11*	
		For >12,800, Deduct	*-0.16*	
06 16 33 00-0005	SF	5/8" Thick CDX Plywood Roof Decking Note: Applied to wood rafters.	2.58	0.69
		For ACQ Preservative Treatment, Add	*0.47*	
		For Tongue And Groove, Add	*0.07*	
		For Shear Wall Construction, Add	*0.32*	
		For Exterior CC Grade Plywood, Add	*0.15*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.32*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.40*	
		For Fire Retardant Treatment, Add	*0.77*	
		For >1,696 To 3,200, Deduct	*-0.06*	
		For >3,200 To 6,400, Deduct	*-0.09*	
		For >6,400 To 12,800, Deduct	*-0.15*	
		For >12,800, Deduct	*-0.20*	
06 16 33 00-0006	SF	3/4" Thick CDX Plywood Roof Decking Note: Applied to wood rafters.	2.86	0.81
		For ACQ Preservative Treatment, Add	*0.54*	
		For Tongue And Groove, Add	*0.08*	
		For Shear Wall Construction, Add	*0.35*	
		For Exterior CC Grade Plywood, Add	*0.17*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.35*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.60*	
		For Fire Retardant Treatment, Add	*0.89*	
		For >1,696 To 3,200, Deduct	*-0.07*	
		For >3,200 To 6,400, Deduct	*-0.10*	
		For >6,400 To 12,800, Deduct	*-0.17*	
		For >12,800, Deduct	*-0.22*	
06 16 33 00-0007	SF	1" Thick CDX Plywood Roof Decking Note: Applied to wood rafters.	3.42	0.92
		For ACQ Preservative Treatment, Add	*0.73*	
		For Tongue And Groove, Add	*0.11*	
		For Shear Wall Construction, Add	*0.38*	
		For Exterior CC Grade Plywood, Add	*0.23*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.38*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.84*	
		For Fire Retardant Treatment, Add	*1.21*	
		For >1,696 To 3,200, Deduct	*-0.09*	
		For >3,200 To 6,400, Deduct	*-0.14*	
		For >6,400 To 12,800, Deduct	*-0.22*	
		For >12,800, Deduct	*-0.28*	

06 16 33 00-0008 Wall Sheathing *(06 16 33 00-0001)*

06 16 33 00-0009	SF	1/4" Interior BC Plywood Wall Sheathing Note: Applied to wall studs.	2.30	0.81
		For Ceiling Installation, Add	*0.17*	
		For Shear Wall Construction, Add	*0.35*	
		For Exterior CC Grade Plywood, Add	*0.09*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.35*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.60*	
		For Fire Retardant Treatment, Add	*0.45*	
		For >1,696 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.11*	
		For >12,800, Deduct	*-0.15*	
06 16 33 00-0010	SF	5/16" Interior BC Plywood Wall Sheathing Note: Applied to wall studs.	2.33	0.81
		For Ceiling Installation, Add	*0.17*	
		For Shear Wall Construction, Add	*0.35*	
		For Exterior CC Grade Plywood, Add	*0.09*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.35*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.60*	
		For Fire Retardant Treatment, Add	*0.47*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.11*	
		For >12,800, Deduct	*-0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0011	SF	3/8" Interior BC Plywood Wall Sheathing	2.39	0.92
		Note: Applied to wall studs.		
		For Ceiling Installation, Add	*0.17*	
		For Shear Wall Construction, Add	*0.35*	
		For Exterior CC Grade Plywood, Add	*0.10*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.35*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.60*	
		For Fire Retardant Treatment, Add	*0.52*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.12*	
		For >12,800, Deduct	*-0.17*	
06 16 33 00-0012	SF	1/2" Interior BC Plywood Wall Sheathing	2.67	0.92
		Note: Applied to wall studs.		
		For Ceiling Installation, Add	*0.19*	
		For Shear Wall Construction, Add	*0.37*	
		For Exterior CC Grade Plywood, Add	*0.12*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.37*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.78*	
		For Fire Retardant Treatment, Add	*0.65*	
		For >1,696 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.07*	
		For >6,400 To 12,800, Deduct	*-0.14*	
		For >12,800, Deduct	*-0.19*	
06 16 33 00-0013	SF	5/8" Interior BC Plywood Wall Sheathing	3.10	1.05
		Note: Applied to wall studs.		
		For Ceiling Installation, Add	*0.20*	
		For Shear Wall Construction, Add	*0.40*	
		For Exterior CC Grade Plywood, Add	*0.17*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.40*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.97*	
		For Fire Retardant Treatment, Add	*0.88*	
		For >1,696 To 3,200, Deduct	*-0.07*	
		For >3,200 To 6,400, Deduct	*-0.10*	
		For >6,400 To 12,800, Deduct	*-0.17*	
		For >12,800, Deduct	*-0.23*	
06 16 33 00-0014	SF	3/4" Interior BC Plywood Wall Sheathing	3.41	1.16
		Note: Applied to wall studs.		
		For Ceiling Installation, Add	*0.21*	
		For Shear Wall Construction, Add	*0.43*	
		For Exterior CC Grade Plywood, Add	*0.19*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.43*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*3.21*	
		For Fire Retardant Treatment, Add	*1.00*	
		For >1,696 To 3,200, Deduct	*-0.08*	
		For >3,200 To 6,400, Deduct	*-0.11*	
		For >6,400 To 12,800, Deduct	*-0.19*	
		For >12,800, Deduct	*-0.26*	
06 16 33 00-0015		Floor Decking *(06 16 33 00-0001)*		
		Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0016	SF	1/2" AC Fir Plywood Floor Decking	2.45	0.69
		Note: Applied to floor or joists.		
		For ACQ Preservative Treatment, Add	*0.48*	
		For Exterior Glue, Add	*0.09*	
		For Marine Grade, Add	*0.78*	
		For Tongue And Groove, Add	*0.07*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.18*	
		For Fire Retardant Treatment, Add	*0.79*	
		For >1,696 To 3,200, Deduct	*-0.06*	
		For >3,200 To 6,400, Deduct	*-0.09*	
		For >6,400 To 12,800, Deduct	*-0.15*	
		For >12,800, Deduct	*-0.19*	
06 16 33 00-0017	SF	5/8" AC Fir Plywood Floor Decking	2.90	0.69
		Note: Applied to floor or joists.		
		For ACQ Preservative Treatment, Add	*0.63*	
		For Exterior Glue, Add	*0.12*	
		For Marine Grade, Add	*1.03*	
		For Tongue And Groove, Add	*0.09*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.37*	
		For Fire Retardant Treatment, Add	*1.04*	
		For >1,696 To 3,200, Deduct	*-0.08*	
		For >3,200 To 6,400, Deduct	*-0.12*	
		For >6,400 To 12,800, Deduct	*-0.18*	
		For >12,800, Deduct	*-0.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0018	SF	3/4" AC Fir Plywood Floor Decking Note: Applied to floor or joists.	3.11	0.69
		For ACQ Preservative Treatment, Add	*0.69*	
		For Exterior Glue, Add	*0.13*	
		For Marine Grade, Add	*1.12*	
		For Tongue And Groove, Add	*0.10*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.52*	
		For Fire Retardant Treatment, Add	*1.13*	
		For >1,696 To 3,200, Deduct	*-0.09*	
		For >3,200 To 6,400, Deduct	*-0.13*	
		For >6,400 To 12,800, Deduct	*-0.20*	
		For >12,800, Deduct	*-0.26*	
06 16 33 00-0019		**Underlayment Grade** *(06 16 33 00-0001)* Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0020	SF	1/4" Thick Plywood Underlayment BC Grade	1.92	0.69
		For Fire Retardant Treatment, Add	*0.46*	
		For >1,696 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.14*	
06 16 33 00-0021	SF	3/8" Thick Plywood Underlayment BC Grade	2.04	0.69
		For Fire Retardant Treatment, Add	*0.50*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.15*	
06 16 33 00-0022	SF	1/2" Thick Plywood Underlayment BC Grade	2.11	0.81
		For Fire Retardant Treatment, Add	*0.54*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.10*	
		For >12,800, Deduct	*-0.15*	
06 16 33 00-0023	SF	5/8" Thick Plywood Underlayment BC Grade	2.41	0.81
		For Fire Retardant Treatment, Add	*0.64*	
		For >1,696 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.07*	
		For >6,400 To 12,800, Deduct	*-0.11*	
		For >12,800, Deduct	*-0.18*	
		For Tongue And Groove, Add	*0.06*	
06 16 33 00-0024	SF	3/4" Thick Plywood Underlayment BC Grade	2.58	0.81
		For Fire Retardant Treatment, Add	*0.77*	
		For >1,696 To 3,200, Deduct	*-0.06*	
		For >3,200 To 6,400, Deduct	*-0.09*	
		For >6,400 To 12,800, Deduct	*-0.13*	
		For >12,800, Deduct	*-0.20*	
		For Tongue And Groove, Add	*0.07*	
06 16 33 00-0025	SF	1-1/8" Thick Plywood Underlayment BC Grade	3.29	0.92
		For Fire Retardant Treatment, Add	*1.18*	
		For >1,696 To 3,200, Deduct	*-0.09*	
		For >3,200 To 6,400, Deduct	*-0.13*	
		For >6,400 To 12,800, Deduct	*-0.18*	
		For >12,800, Deduct	*-0.27*	
		For Tongue And Groove, Add	*0.10*	
06 16 33 00-0026	SF	3/8" Thick CDX Plywood Underlayment Grade	2.18	0.69
		For Fire Retardant Treatment, Add	*0.61*	
		For >1,696 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.07*	
		For >6,400 To 12,800, Deduct	*-0.10*	
		For >12,800, Deduct	*-0.16*	
06 16 33 00-0027	SF	5/8" Thick CDX Plywood Underlayment Grade	2.74	0.81
		For Fire Retardant Treatment, Add	*0.92*	
		For >1,696 To 3,200, Deduct	*-0.07*	
		For >3,200 To 6,400, Deduct	*-0.10*	
		For >6,400 To 12,800, Deduct	*-0.14*	
		For >12,800, Deduct	*-0.22*	
06 16 33 00-0028		**Oriented Strand Board** *(06 16 33)*		
06 16 33 00-0029		**On Roof** *(06 16 33 00-0028)*		
06 16 33 00-0030	SF	3/8" Thick Structural Oriented Strand Board (OSB) On Roof	1.73	0.69
		For >1,408 To 3,200, Deduct	*-0.02*	
		For >3,200 To 6,400, Deduct	*-0.03*	
		For >6,400 To 12,800, Deduct	*-0.07*	
		For >12,800, Deduct	*-0.11*	
		For Fire Retardant Treatment, Add	*0.29*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.04*	
06 16 33 00-0031	SF	1/2" Thick Structural Oriented Strand Board (OSB) On Roof	1.93	0.69
		For >1,408 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.13*	
		For Fire Retardant Treatment, Add	*0.35*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0032	SF	5/8" Thick Structural Oriented Strand Board (OSB) On Roof	2.23	0.81
		For >1,408 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.11*	
		For >12,800, Deduct	*-0.16*	
		For Fire Retardant Treatment, Add	*0.50*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.40*	
06 16 33 00-0033	SF	3/4" Thick Structural Oriented Strand Board (OSB) On Roof	2.57	0.81
		For >1,408 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.14*	
		For >12,800, Deduct	*-0.19*	
		For Fire Retardant Treatment, Add	*0.66*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.60*	
06 16 33 00-0034		On Walls *(06 16 33 00-0028)*		
06 16 33 00-0035	SF	3/8" Thick Structural Oriented Strand Board (OSB) On Walls	2.10	0.81
		For >1,408 To 3,200, Deduct	*-0.02*	
		For >3,200 To 6,400, Deduct	*-0.03*	
		For >6,400 To 12,800, Deduct	*-0.08*	
		For >12,800, Deduct	*-0.13*	
		For Fire Retardant Treatment, Add	*0.29*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.60*	
06 16 33 00-0036	SF	1/2" Thick Structural Oriented Strand Board (OSB) On Walls	2.29	0.92
		For >1,408 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.15*	
		For Fire Retardant Treatment, Add	*0.35*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.78*	
06 16 33 00-0037	SF	5/8" Thick Structural Oriented Strand Board (OSB) On Walls	2.61	1.05
		For >1,408 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.12*	
		For >12,800, Deduct	*-0.17*	
		For Fire Retardant Treatment, Add	*0.50*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.97*	
06 16 33 00-0038	SF	3/4" Thick Structural Oriented Strand Board (OSB) On Walls	2.98	1.05
		For >1,408 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.15*	
		For >12,800, Deduct	*-0.21*	
		For Fire Retardant Treatment, Add	*0.66*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*3.21*	
06 16 33 00-0039		On Floors *(06 16 33 00-0028)*		
		Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0040	SF	3/8" Thick Structural Oriented Strand Board (OSB) On Floors	1.76	0.69
		For >1,408 To 3,200, Deduct	*-0.02*	
		For >3,200 To 6,400, Deduct	*-0.03*	
		For >6,400 To 12,800, Deduct	*-0.08*	
		For >12,800, Deduct	*-0.11*	
		For Fire Retardant Treatment, Add	*0.29*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.09*	
06 16 33 00-0041	SF	1/2" Thick Structural Oriented Strand Board (OSB) On Floors	2.11	0.81
		For >1,408 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.14*	
		For Fire Retardant Treatment, Add	*0.35*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.51*	
06 16 33 00-0042	SF	5/8" Thick Structural Oriented Strand Board (OSB) On Floors	2.45	0.92
		For >1,408 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.11*	
		For >12,800, Deduct	*-0.17*	
		For Fire Retardant Treatment, Add	*0.50*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.73*	
06 16 33 00-0043	SF	3/4" Thick Structural Oriented Strand Board (OSB) On Floors	2.82	1.05
		For >1,408 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.14*	
		For >12,800, Deduct	*-0.20*	
		For Fire Retardant Treatment, Add	*0.66*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.97*	
06 16 33 00-0044		Particle Board *(06 16 33)*		
06 16 33 00-0045		Particle Board Floor Decking *(06 16 33 00-0044)*		
		Note: Includes patching of seams and all fastener holes where necessary.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0046	SF	3/8" Particle Board Floor Decking Note: Applied to plywood subfloor.	1.93	0.58
		For Fire Retardant Treatment Add	*0.44*	
		For >1,536 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.10*	
		For >12,800, Deduct	*-0.14*	
		For Tongue And Groove, Add	*0.04*	
06 16 33 00-0047	SF	1/2" Particle Board Floor Decking Note: Applied to plywood subfloor.	2.20	0.58
		For Fire Retardant Treatment Add	*0.60*	
		For >1,536 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.07*	
		For >6,400 To 12,800, Deduct	*-0.12*	
		For >12,800, Deduct	*-0.16*	
		For Tongue And Groove, Add	*0.05*	
06 16 33 00-0048	SF	5/8" Particle Board Floor Decking Note: Applied to plywood subfloor.	2.49	0.69
		For Fire Retardant Treatment Add	*0.77*	
		For >1,536 To 3,200, Deduct	*-0.06*	
		For >3,200 To 6,400, Deduct	*-0.09*	
		For >6,400 To 12,800, Deduct	*-0.14*	
		For >12,800, Deduct	*-0.19*	
		For Tongue And Groove, Add	*0.07*	
06 16 33 00-0049	SF	3/4" Particle Board Floor Decking Note: Applied to plywood subfloor.	2.75	0.69
		For Fire Retardant Treatment Add	*0.89*	
		For >1,536 To 3,200, Deduct	*-0.07*	
		For >3,200 To 6,400, Deduct	*-0.10*	
		For >6,400 To 12,800, Deduct	*-0.16*	
		For >12,800, Deduct	*-0.22*	
		For Tongue And Groove, Add	*0.08*	

06 16 43 Gypsum Sheathing *(06 16)*

06 16 43 00-0001 Exterior Gypsum Sheathing *(06 16 43)*

Note: Includes moisture resistant core and fiberglass mats on both sides and long edges.

06 16 43 00-0002	SF	1/2" Exterior Gypsum Sheathing (GP Dens-Glass Gold)	3.38	0.92
		For Selective Replacement <400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add	*2.78*	
		For Ceiling Installation, Add	*0.19*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.37*	
		For >1,696 To 3,200, Deduct	*-0.09*	
		For >3,200 To 6,400, Deduct	*-0.14*	
		For >6,400 To 12,800, Deduct	*-0.21*	
		For >12,800, Deduct	*-0.28*	
06 16 43 00-0003	SF	5/8" Exterior Gypsum Sheathing (GP Dens-Glass Gold)	3.64	1.16
		For Selective Replacement <400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add	*2.97*	
		For Ceiling Installation, Add	*0.20*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.40*	
		For >1,696 To 3,200, Deduct	*-0.10*	
		For >3,200 To 6,400, Deduct	*-0.15*	
		For >6,400 To 12,800, Deduct	*-0.23*	
		For >12,800, Deduct	*-0.30*	

06 17 Shop-Fabricated Structural Wood *(06 10)*

06 17 13 Laminated Veneer Lumber *(06 17)*

06 17 13 00-0001 Laminated Veneer Lumber (LVL) *(06 17 13)*

06 17 13 00-0002	LF	1-3/4" Wide x 5-1/2" Deep (LVL) Laminated Veneer Lumber	8.51	2.00
06 17 13 00-0003	LF	1-3/4" Wide x 7-1/4" Deep (LVL) Laminated Veneer Lumber	9.37	2.04
06 17 13 00-0004	LF	1-3/4" Wide x 9-1/2" Deep (LVL) Laminated Veneer Lumber	10.39	2.07
06 17 13 00-0005	LF	1-3/4" Wide x 11-7/8" Deep (LVL) Laminated Veneer Lumber	11.66	2.10
06 17 13 00-0006	LF	1-3/4" Wide x 14" Deep (LVL) Laminated Veneer Lumber	12.61	2.13
06 17 13 00-0007	LF	1-3/4" Wide x 16" Deep (LVL) Laminated Veneer Lumber	13.93	2.21
06 17 13 00-0008	LF	1-3/4" Wide x 18" Deep (LVL) Laminated Veneer Lumber	15.85	2.24
06 17 13 00-0009	LF	1-3/4" Wide x 24" Deep (LVL) Laminated Veneer Lumber	21.83	2.55

06 17 23 Parallel Strand Lumber *(06 17)*

06 17 23 00-0001 Laminated Strand Lumber (LSL) *(06 17 23)*

06 17 23 00-0002	LF	2" x 4" (LSL) Laminated Strand Lumber	2.95	0.92
06 17 23 00-0003	LF	2" x 6" (LSL) Laminated Strand Lumber	4.03	0.99

06 17 33 Wood I-Joists *(06 17)*

06 17 33 00-0001 Prefabricated Wood I-Joists *(06 17 33)*

06 17 33 00-0002	LF	9-1/2" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	5.55	1.45
		For I-Joists 30' To 40' In Length, Add	*0.64*	
		For I-Joists >40' In Length, Add	*1.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 33 00-0003	LF	11-7/8" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	5.98	1.61
		For I-Joists 30' To 40' In Length, Add	*0.71*	
		For I-Joists >40' In Length, Add	*1.74*	
06 17 33 00-0004	LF	14" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	7.00	1.81
		For I-Joists 30' To 40' In Length, Add	*0.80*	
		For I-Joists >40' In Length, Add	*1.96*	
06 17 33 00-0005	LF	16" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	7.88	2.02
		For I-Joists 30' To 40' In Length, Add	*0.89*	
		For I-Joists >40' In Length, Add	*2.18*	

06 17 43 Rim Boards *(06 17)*

06 17 43 00-0001 Oriented Strand Board (OSB) Rim Board *(06 17 43)*

06 17 43 00-0002	LF	1-1/8" Wide x 9-1/2" Deep, Oriented Strand Board (OSB) Rim Board	6.81	2.07
06 17 43 00-0003	LF	1-1/8" Wide x 11-7/8" Deep, Oriented Strand Board (OSB) Rim Board	7.48	2.10
06 17 43 00-0004	LF	1-1/8" Wide x 14" Deep, Oriented Strand Board (OSB) Rim Board	8.28	2.13

06 17 53 Shop-Fabricated Wood Trusses *(06 17)*

Note: Includes temporary and permanent bracing, and fastening with truss tie-downs.

06 17 53 00-0001 Pre-Assembled Wood Roof Trusses *(06 17 53)*

Note: For King Post, Queen Post, Fink or Howe types. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'.

06 17 53 00-0002	EA	10' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	218.37	84.72
		For Up To 15, Add	*3.67*	
		For >35, Deduct	*-2.45*	
		For 3 In 12 Slope, Add	*1.47*	
		For 5 In 12 Slope, Add	*3.91*	
		For 6 In 12 Slope, Add	*7.34*	
		For 7 In 12 Slope, Add	*9.78*	
		For 8 In 12 Slope, Add	*11.74*	
06 17 53 00-0003	EA	12' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	242.71	92.79
		For Up To 15, Add	*4.28*	
		For >35, Deduct	*-2.86*	
		For 3 In 12 Slope, Add	*1.71*	
		For 5 In 12 Slope, Add	*4.57*	
		For 6 In 12 Slope, Add	*8.57*	
		For 7 In 12 Slope, Add	*11.42*	
		For 8 In 12 Slope, Add	*13.71*	
06 17 53 00-0004	EA	14' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	270.47	100.86
		For Up To 15, Add	*5.16*	
		For >35, Deduct	*-3.44*	
		For 3 In 12 Slope, Add	*2.06*	
		For 5 In 12 Slope, Add	*5.50*	
		For 6 In 12 Slope, Add	*10.31*	
		For 7 In 12 Slope, Add	*13.75*	
		For 8 In 12 Slope, Add	*16.50*	
06 17 53 00-0005	EA	16' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	307.19	108.93
		For Up To 15, Add	*6.70*	
		For >35, Deduct	*-4.47*	
		For 3 In 12 Slope, Add	*2.68*	
		For 5 In 12 Slope, Add	*7.15*	
		For 6 In 12 Slope, Add	*13.40*	
		For 7 In 12 Slope, Add	*17.86*	
		For 8 In 12 Slope, Add	*21.44*	
06 17 53 00-0006	EA	18' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	338.76	117.00
		For Up To 15, Add	*7.86*	
		For >35, Deduct	*-5.24*	
		For 3 In 12 Slope, Add	*3.14*	
		For 5 In 12 Slope, Add	*8.38*	
		For 6 In 12 Slope, Add	*15.71*	
		For 7 In 12 Slope, Add	*20.95*	
		For 8 In 12 Slope, Add	*25.14*	
06 17 53 00-0007	EA	20' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	356.02	129.11
		For Up To 15, Add	*7.34*	
		For >35, Deduct	*-4.89*	
		For 3 In 12 Slope, Add	*2.93*	
		For 5 In 12 Slope, Add	*7.82*	
		For 6 In 12 Slope, Add	*14.67*	
		For 7 In 12 Slope, Add	*19.56*	
		For 8 In 12 Slope, Add	*23.47*	
06 17 53 00-0008	EA	22' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	375.01	205.77
		For Up To 15, Add	*7.55*	
		For >35, Deduct	*-5.03*	
		For 3 In 12 Slope, Add	*3.02*	
		For 5 In 12 Slope, Add	*8.05*	
		For 6 In 12 Slope, Add	*15.10*	
		For 7 In 12 Slope, Add	*20.13*	
		For 8 In 12 Slope, Add	*24.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0009	EA	24' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	399.69	145.25
		For Up To 15, Add	*8.19*	
		For >35, Deduct	*-5.46*	
		For 3 In 12 Slope, Add	*3.28*	
		For 5 In 12 Slope, Add	*8.74*	
		For 6 In 12 Slope, Add	*16.38*	
		For 7 In 12 Slope, Add	*21.84*	
		For 8 In 12 Slope, Add	*26.21*	
06 17 53 00-0010	EA	26' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	425.29	229.98
		For Up To 15, Add	*8.90*	
		For >35, Deduct	*-5.93*	
		For 3 In 12 Slope, Add	*3.56*	
		For 5 In 12 Slope, Add	*9.49*	
		For 6 In 12 Slope, Add	*17.80*	
		For 7 In 12 Slope, Add	*23.73*	
		For 8 In 12 Slope, Add	*28.48*	
06 17 53 00-0011	EA	28' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	452.12	161.39
		For Up To 15, Add	*9.70*	
		For >35, Deduct	*-6.47*	
		For 3 In 12 Slope, Add	*3.88*	
		For 5 In 12 Slope, Add	*10.35*	
		For 6 In 12 Slope, Add	*19.40*	
		For 7 In 12 Slope, Add	*25.87*	
		For 8 In 12 Slope, Add	*31.04*	
06 17 53 00-0012	EA	30' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	472.36	254.18
		For Up To 15, Add	*10.01*	
		For >35, Deduct	*-6.67*	
		For 3 In 12 Slope, Add	*4.00*	
		For 5 In 12 Slope, Add	*10.68*	
		For 6 In 12 Slope, Add	*20.02*	
		For 7 In 12 Slope, Add	*26.69*	
		For 8 In 12 Slope, Add	*32.03*	
06 17 53 00-0013	EA	32' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	493.77	173.49
		For Up To 15, Add	*11.01*	
		For >35, Deduct	*-7.34*	
		For 3 In 12 Slope, Add	*4.40*	
		For 5 In 12 Slope, Add	*11.74*	
		For 6 In 12 Slope, Add	*22.02*	
		For 7 In 12 Slope, Add	*29.36*	
		For 8 In 12 Slope, Add	*35.23*	
06 17 53 00-0014	EA	34' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	539.12	272.42
		For Up To 15, Add	*13.20*	
		For >35, Deduct	*-8.80*	
		For 3 In 12 Slope, Add	*5.28*	
		For 5 In 12 Slope, Add	*14.08*	
		For 6 In 12 Slope, Add	*26.40*	
		For 7 In 12 Slope, Add	*35.20*	
		For 8 In 12 Slope, Add	*42.24*	
06 17 53 00-0015	EA	36' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	561.05	185.59
		For Up To 15, Add	*14.24*	
		For >35, Deduct	*-9.49*	
		For 3 In 12 Slope, Add	*5.70*	
		For 5 In 12 Slope, Add	*15.19*	
		For 6 In 12 Slope, Add	*28.48*	
		For 7 In 12 Slope, Add	*37.97*	
		For 8 In 12 Slope, Add	*45.57*	
06 17 53 00-0016	EA	38' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	590.15	290.49
		For Up To 15, Add	*15.21*	
		For >35, Deduct	*-10.14*	
		For 3 In 12 Slope, Add	*6.08*	
		For 5 In 12 Slope, Add	*16.23*	
		For 6 In 12 Slope, Add	*30.42*	
		For 7 In 12 Slope, Add	*40.56*	
		For 8 In 12 Slope, Add	*48.68*	
06 17 53 00-0017	EA	40' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	610.64	201.73
		For Up To 15, Add	*15.54*	
		For >35, Deduct	*-10.36*	
		For 3 In 12 Slope, Add	*6.22*	
		For 5 In 12 Slope, Add	*16.57*	
		For 6 In 12 Slope, Add	*31.08*	
		For 7 In 12 Slope, Add	*41.43*	
		For 8 In 12 Slope, Add	*49.72*	
06 17 53 00-0018	EA	42' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	670.57	314.70
		For Up To 15, Add	*18.82*	
		For >35, Deduct	*-12.55*	
		For 3 In 12 Slope, Add	*7.53*	
		For 5 In 12 Slope, Add	*20.08*	
		For 6 In 12 Slope, Add	*37.65*	
		For 7 In 12 Slope, Add	*50.19*	
		For 8 In 12 Slope, Add	*60.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0019	EA	44' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	729.33	217.87
		For Up To 15, Add	*22.02*	
		For >35, Deduct	*-14.68*	
		For 3 In 12 Slope, Add	*8.81*	
		For 5 In 12 Slope, Add	*23.49*	
		For 6 In 12 Slope, Add	*44.04*	
		For 7 In 12 Slope, Add	*58.72*	
		For 8 In 12 Slope, Add	*70.46*	
06 17 53 00-0020	EA	46' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	754.93	225.94
		For Up To 15, Add	*22.73*	
		For >35, Deduct	*-15.15*	
		For 3 In 12 Slope, Add	*9.09*	
		For 5 In 12 Slope, Add	*24.24*	
		For 6 In 12 Slope, Add	*45.46*	
		For 7 In 12 Slope, Add	*60.61*	
		For 8 In 12 Slope, Add	*72.73*	
06 17 53 00-0021	EA	48' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	791.96	234.01
		For Up To 15, Add	*24.30*	
		For >35, Deduct	*-16.20*	
		For 3 In 12 Slope, Add	*9.72*	
		For 5 In 12 Slope, Add	*25.92*	
		For 6 In 12 Slope, Add	*48.59*	
		For 7 In 12 Slope, Add	*64.79*	
		For 8 In 12 Slope, Add	*77.75*	
06 17 53 00-0022	EA	50' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	898.82	242.08
		For Up To 15, Add	*31.10*	
		For >35, Deduct	*-20.73*	
		For 3 In 12 Slope, Add	*12.44*	
		For 5 In 12 Slope, Add	*33.17*	
		For 6 In 12 Slope, Add	*62.20*	
		For 7 In 12 Slope, Add	*82.93*	
		For 8 In 12 Slope, Add	*99.52*	
06 17 53 00-0023	EA	52' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	855.03	217.70
		For Up To 15, Add	*27.82*	
		For >35, Deduct	*-18.54*	
		For 3 In 12 Slope, Add	*11.13*	
		For 5 In 12 Slope, Add	*29.67*	
		For 6 In 12 Slope, Add	*55.63*	
		For 7 In 12 Slope, Add	*74.17*	
		For 8 In 12 Slope, Add	*89.01*	
06 17 53 00-0024	EA	54' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	897.15	254.18
		For Up To 15, Add	*29.16*	
		For >35, Deduct	*-19.44*	
		For 3 In 12 Slope, Add	*11.66*	
		For 5 In 12 Slope, Add	*31.10*	
		For 6 In 12 Slope, Add	*58.32*	
		For 7 In 12 Slope, Add	*77.76*	
		For 8 In 12 Slope, Add	*93.31*	
06 17 53 00-0025	EA	56' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	932.39	235.63
		For Up To 15, Add	*30.59*	
		For >35, Deduct	*-20.39*	
		For 3 In 12 Slope, Add	*12.24*	
		For 5 In 12 Slope, Add	*32.63*	
		For 6 In 12 Slope, Add	*61.18*	
		For 7 In 12 Slope, Add	*81.58*	
		For 8 In 12 Slope, Add	*97.89*	
06 17 53 00-0026	EA	58' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	963.11	266.28
		For Up To 15, Add	*32.29*	
		For >35, Deduct	*-21.53*	
		For 3 In 12 Slope, Add	*12.92*	
		For 5 In 12 Slope, Add	*34.44*	
		For 6 In 12 Slope, Add	*64.58*	
		For 7 In 12 Slope, Add	*86.11*	
		For 8 In 12 Slope, Add	*103.33*	
06 17 53 00-0027	EA	60' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	982.85	270.32
		For Up To 15, Add	*33.17*	
		For >35, Deduct	*-22.11*	
		For 3 In 12 Slope, Add	*13.27*	
		For 5 In 12 Slope, Add	*35.38*	
		For 6 In 12 Slope, Add	*66.33*	
		For 7 In 12 Slope, Add	*88.44*	
		For 8 In 12 Slope, Add	*106.13*	

06 17 53 00-0028 Pre-Assembled Wood Gable End Roof Trusses *(06 17 53)*

Note: 24" on center gable studs. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'.

06 17 53 00-0029	EA	10' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	224.59	84.72
		For 3 In 12 Slope, Add	*1.65*	
		For 5 In 12 Slope, Add	*4.41*	
		For 6 In 12 Slope, Add	*8.27*	
		For 7 In 12 Slope, Add	*11.03*	
		For 8 In 12 Slope, Add	*13.23*	
		For 16" On Center Gable Studs, Add	*11.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0030	EA	12' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	249.98	92.79
		For 3 In 12 Slope, Add	*1.93*	
		For 5 In 12 Slope, Add	*5.15*	
		For 6 In 12 Slope, Add	*9.66*	
		For 7 In 12 Slope, Add	*12.88*	
		For 8 In 12 Slope, Add	*15.45*	
		For 16" On Center Gable Studs, Add	*12.88*	
06 17 53 00-0031	EA	14' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	279.21	100.86
		For 3 In 12 Slope, Add	*2.32*	
		For 5 In 12 Slope, Add	*6.20*	
		For 6 In 12 Slope, Add	*11.62*	
		For 7 In 12 Slope, Add	*15.50*	
		For 8 In 12 Slope, Add	*18.60*	
		For 16" On Center Gable Studs, Add	*15.50*	
06 17 53 00-0032	EA	16' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	318.55	108.93
		For 3 In 12 Slope, Add	*3.02*	
		For 5 In 12 Slope, Add	*8.05*	
		For 6 In 12 Slope, Add	*15.10*	
		For 7 In 12 Slope, Add	*20.14*	
		For 8 In 12 Slope, Add	*24.16*	
		For 16" On Center Gable Studs, Add	*20.14*	
06 17 53 00-0033	EA	18' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	352.08	117.00
		For 3 In 12 Slope, Add	*3.54*	
		For 5 In 12 Slope, Add	*9.45*	
		For 6 In 12 Slope, Add	*17.71*	
		For 7 In 12 Slope, Add	*23.61*	
		For 8 In 12 Slope, Add	*28.34*	
		For 16" On Center Gable Studs, Add	*23.61*	
06 17 53 00-0034	EA	20' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	382.45	129.11
		For 3 In 12 Slope, Add	*3.73*	
		For 5 In 12 Slope, Add	*9.94*	
		For 6 In 12 Slope, Add	*18.64*	
		For 7 In 12 Slope, Add	*24.85*	
		For 8 In 12 Slope, Add	*29.82*	
		For 16" On Center Gable Studs, Add	*24.85*	
06 17 53 00-0035	EA	22' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	402.20	137.18
		For 3 In 12 Slope, Add	*3.84*	
		For 5 In 12 Slope, Add	*10.23*	
		For 6 In 12 Slope, Add	*19.18*	
		For 7 In 12 Slope, Add	*25.57*	
		For 8 In 12 Slope, Add	*30.68*	
		For 16" On Center Gable Studs, Add	*25.57*	
06 17 53 00-0036	EA	24' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	429.18	145.25
		For 3 In 12 Slope, Add	*4.16*	
		For 5 In 12 Slope, Add	*11.10*	
		For 6 In 12 Slope, Add	*20.80*	
		For 7 In 12 Slope, Add	*27.74*	
		For 8 In 12 Slope, Add	*33.29*	
		For 16" On Center Gable Studs, Add	*27.74*	
06 17 53 00-0037	EA	26' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	457.33	153.32
		For 3 In 12 Slope, Add	*4.52*	
		For 5 In 12 Slope, Add	*12.06*	
		For 6 In 12 Slope, Add	*22.61*	
		For 7 In 12 Slope, Add	*30.14*	
		For 8 In 12 Slope, Add	*36.17*	
		For 16" On Center Gable Studs, Add	*30.14*	
06 17 53 00-0038	EA	28' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	487.06	161.39
		For 3 In 12 Slope, Add	*4.93*	
		For 5 In 12 Slope, Add	*13.14*	
		For 6 In 12 Slope, Add	*24.64*	
		For 7 In 12 Slope, Add	*32.86*	
		For 8 In 12 Slope, Add	*39.43*	
		For 16" On Center Gable Studs, Add	*32.86*	
06 17 53 00-0039	EA	30' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	509.85	169.46
		For 3 In 12 Slope, Add	*5.13*	
		For 5 In 12 Slope, Add	*13.68*	
		For 6 In 12 Slope, Add	*25.64*	
		For 7 In 12 Slope, Add	*34.19*	
		For 8 In 12 Slope, Add	*41.03*	
		For 16" On Center Gable Studs, Add	*34.19*	
06 17 53 00-0040	EA	32' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	535.02	173.49
		For 3 In 12 Slope, Add	*5.64*	
		For 5 In 12 Slope, Add	*15.04*	
		For 6 In 12 Slope, Add	*28.21*	
		For 7 In 12 Slope, Add	*37.61*	
		For 8 In 12 Slope, Add	*45.13*	
		For 16" On Center Gable Studs, Add	*37.61*	
06 17 53 00-0041	EA	34' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	588.57	181.56
		For 3 In 12 Slope, Add	*6.76*	
		For 5 In 12 Slope, Add	*18.04*	
		For 6 In 12 Slope, Add	*33.82*	
		For 7 In 12 Slope, Add	*45.09*	
		For 8 In 12 Slope, Add	*54.11*	
		For 16" On Center Gable Studs, Add	*45.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0042	EA	36' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	614.41	185.59
		For 3 In 12 Slope, Add	*7.30*	
		For 5 In 12 Slope, Add	*19.46*	
		For 6 In 12 Slope, Add	*36.48*	
		For 7 In 12 Slope, Add	*48.64*	
		For 8 In 12 Slope, Add	*58.37*	
		For 16" On Center Gable Studs, Add	*48.64*	
06 17 53 00-0043	EA	38' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	647.14	193.66
		For 3 In 12 Slope, Add	*7.79*	
		For 5 In 12 Slope, Add	*20.78*	
		For 6 In 12 Slope, Add	*38.97*	
		For 7 In 12 Slope, Add	*51.96*	
		For 8 In 12 Slope, Add	*62.35*	
		For 16" On Center Gable Studs, Add	*51.96*	
06 17 53 00-0044	EA	40' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	685.57	201.73
		For 3 In 12 Slope, Add	*8.46*	
		For 5 In 12 Slope, Add	*22.57*	
		For 6 In 12 Slope, Add	*42.32*	
		For 7 In 12 Slope, Add	*56.42*	
		For 8 In 12 Slope, Add	*67.70*	
		For 16" On Center Gable Studs, Add	*56.42*	
06 17 53 00-0045	EA	42' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	761.35	209.80
		For 3 In 12 Slope, Add	*10.25*	
		For 5 In 12 Slope, Add	*27.34*	
		For 6 In 12 Slope, Add	*51.26*	
		For 7 In 12 Slope, Add	*68.35*	
		For 8 In 12 Slope, Add	*82.02*	
		For 16" On Center Gable Studs, Add	*68.35*	
06 17 53 00-0046	EA	44' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	835.52	217.87
		For 3 In 12 Slope, Add	*11.99*	
		For 5 In 12 Slope, Add	*31.98*	
		For 6 In 12 Slope, Add	*59.97*	
		For 7 In 12 Slope, Add	*79.96*	
		For 8 In 12 Slope, Add	*95.95*	
		For 16" On Center Gable Studs, Add	*79.96*	
06 17 53 00-0047	EA	46' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	864.54	225.94
		For 3 In 12 Slope, Add	*12.38*	
		For 5 In 12 Slope, Add	*33.01*	
		For 6 In 12 Slope, Add	*61.90*	
		For 7 In 12 Slope, Add	*82.53*	
		For 8 In 12 Slope, Add	*99.04*	
		For 16" On Center Gable Studs, Add	*82.53*	
06 17 53 00-0048	EA	48' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	909.12	234.01
		For 3 In 12 Slope, Add	*13.23*	
		For 5 In 12 Slope, Add	*35.29*	
		For 6 In 12 Slope, Add	*66.17*	
		For 7 In 12 Slope, Add	*88.22*	
		For 8 In 12 Slope, Add	*105.86*	
		For 16" On Center Gable Studs, Add	*88.22*	
06 17 53 00-0049	EA	50' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	990.32	242.08
		For 3 In 12 Slope, Add	*15.18*	
		For 5 In 12 Slope, Add	*40.49*	
		For 6 In 12 Slope, Add	*75.92*	
		For 7 In 12 Slope, Add	*101.23*	
		For 8 In 12 Slope, Add	*121.48*	
		For 16" On Center Gable Studs, Add	*101.23*	
06 17 53 00-0050	EA	52' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	1,013.21	250.14
		For 3 In 12 Slope, Add	*15.39*	
		For 5 In 12 Slope, Add	*41.03*	
		For 6 In 12 Slope, Add	*76.94*	
		For 7 In 12 Slope, Add	*102.58*	
		For 8 In 12 Slope, Add	*123.10*	
		For 16" On Center Gable Studs, Add	*102.58*	
06 17 53 00-0051	EA	54' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	1,046.07	254.18
		For 3 In 12 Slope, Add	*16.13*	
		For 5 In 12 Slope, Add	*43.02*	
		For 6 In 12 Slope, Add	*80.66*	
		For 7 In 12 Slope, Add	*107.54*	
		For 8 In 12 Slope, Add	*129.05*	
		For 16" On Center Gable Studs, Add	*107.54*	
06 17 53 00-0052	EA	56' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	1,088.61	262.25
		For 3 In 12 Slope, Add	*16.92*	
		For 5 In 12 Slope, Add	*45.13*	
		For 6 In 12 Slope, Add	*84.62*	
		For 7 In 12 Slope, Add	*112.82*	
		For 8 In 12 Slope, Add	*135.39*	
		For 16" On Center Gable Studs, Add	*112.82*	
06 17 53 00-0053	EA	58' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	1,127.99	266.28
		For 3 In 12 Slope, Add	*17.86*	
		For 5 In 12 Slope, Add	*47.63*	
		For 6 In 12 Slope, Add	*89.31*	
		For 7 In 12 Slope, Add	*119.08*	
		For 8 In 12 Slope, Add	*142.90*	
		For 16" On Center Gable Studs, Add	*119.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0054	EA	60' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	1,152.20	270.32
		For 3 In 12 Slope, Add	*18.35*	
		For 5 In 12 Slope, Add	*48.92*	
		For 6 In 12 Slope, Add	*91.73*	
		For 7 In 12 Slope, Add	*122.31*	
		For 8 In 12 Slope, Add	*146.77*	
		For 16" On Center Gable Studs, Add	*122.31*	

06 18 Glued-Laminated Construction *(06 10)*

06 18 13 Glued-Laminated Beams *(06 18)*

06 18 13 00-0001 Glue Laminated Straight Beams *(06 18 13)*

Note: Based on southern yellow pine or hemlock lumber with waterproof glue and factor applied sealer.

06 18 13 00-0002	LF	3-1/2" x 6" Glue Laminated Straight Beam	11.18	3.29
06 18 13 00-0003	LF	3-1/2" x 7-1/2" Glue Laminated Straight Beam	13.96	4.11
06 18 13 00-0004	LF	3-1/2" x 9" Glue Laminated Straight Beam	16.76	4.93
06 18 13 00-0005	LF	3-1/2" x 9-1/2" Glue Laminated Straight Beam	17.68	5.21
06 18 13 00-0006	LF	3-1/2" x 10-1/2" Glue Laminated Straight Beam	19.53	5.75
06 18 13 00-0007	LF	3-1/2" x 12" Glue Laminated Straight Beam	22.34	6.56
06 18 13 00-0008	LF	3-1/2" x 13-1/2" Glue Laminated Straight Beam	25.14	7.39
06 18 13 00-0009	LF	3-1/2" x 14" Glue Laminated Straight Beam	26.05	7.66
06 18 13 00-0010	LF	3-1/2" x 15" Glue Laminated Straight Beam	27.93	8.21
06 18 13 00-0011	LF	3-1/2" x 16" Glue Laminated Straight Beam	29.77	8.76
06 18 13 00-0012	LF	3-1/2" x 16-1/2" Glue Laminated Straight Beam	30.71	9.04
06 18 13 00-0013	LF	3-1/2" x 18" Glue Laminated Straight Beam	33.49	9.86
06 18 13 00-0014	LF	3-1/2" x 19-1/2" Glue Laminated Straight Beam	36.30	10.68
06 18 13 00-0015	LF	3-1/2" x 21" Glue Laminated Straight Beam	39.08	11.51
06 18 13 00-0016	LF	3-1/2" x 22.5" Glue Laminated Straight Beam	41.88	12.33
06 18 13 00-0017	LF	5-1/2" x 6" Glue Laminated Straight Beam	17.54	5.16
06 18 13 00-0018	LF	5-1/2" x 7-1/2" Glue Laminated Straight Beam	21.93	6.46
06 18 13 00-0019	LF	5-1/2" x 9" Glue Laminated Straight Beam	26.33	7.74
06 18 13 00-0020	LF	5-1/2" x 9-1/2" Glue Laminated Straight Beam	27.78	8.18
06 18 13 00-0021	LF	5-1/2" x 10-1/2" Glue Laminated Straight Beam	30.71	9.04
06 18 13 00-0022	LF	5-1/2" x 12" Glue Laminated Straight Beam	35.10	10.32
06 18 13 00-0023	LF	5-1/2" x 13-1/2" Glue Laminated Straight Beam	39.49	11.63
06 18 13 00-0024	LF	5-1/2" x 14" Glue Laminated Straight Beam	40.94	12.05
06 18 13 00-0025	LF	5-1/2" x 15" Glue Laminated Straight Beam	43.87	12.92
06 18 13 00-0026	LF	5-1/2" x 16" Glue Laminated Straight Beam	46.79	13.77
06 18 13 00-0027	LF	5-1/2" x 16-1/2" Glue Laminated Straight Beam	48.26	14.21
06 18 13 00-0028	LF	5-1/2" x 18" Glue Laminated Straight Beam	52.64	15.50
06 18 13 00-0029	LF	5-1/2" x 19-1/2" Glue Laminated Straight Beam	57.03	16.79
06 18 13 00-0030	LF	5-1/2" x 21" Glue Laminated Straight Beam	61.42	18.08
06 18 13 00-0031	LF	5-1/2" x 22.5" Glue Laminated Straight Beam	65.81	19.38
06 18 13 00-0032	LF	5-1/2" x 24" Glue Laminated Straight Beam	70.20	20.66
06 18 13 00-0033	LF	6-3/4" x 9" Glue Laminated Straight Beam	32.31	9.50
06 18 13 00-0034	LF	6-3/4" x 9-1/2" Glue Laminated Straight Beam	34.10	10.04
06 18 13 00-0035	LF	6-3/4" x 10-1/2" Glue Laminated Straight Beam	37.69	11.10
06 18 13 00-0036	LF	6-3/4" x 12" Glue Laminated Straight Beam	43.07	12.67
06 18 13 00-0037	LF	6-3/4" x 13-1/2" Glue Laminated Straight Beam	48.46	14.26
06 18 13 00-0038	LF	6-3/4" x 14" Glue Laminated Straight Beam	50.25	14.79
06 18 13 00-0039	LF	6-3/4" x 15" Glue Laminated Straight Beam	53.84	15.85
06 18 13 00-0040	LF	6-3/4" x 16" Glue Laminated Straight Beam	57.43	16.90
06 18 13 00-0041	LF	6-3/4" x 16-1/2" Glue Laminated Straight Beam	59.23	17.43
06 18 13 00-0042	LF	6-3/4" x 18" Glue Laminated Straight Beam	64.60	19.02
06 18 13 00-0043	LF	6-3/4" x 19-1/2" Glue Laminated Straight Beam	69.99	20.60
06 18 13 00-0044	LF	6-3/4" x 21" Glue Laminated Straight Beam	75.38	22.18
06 18 13 00-0045	LF	6-3/4" x 22.5" Glue Laminated Straight Beam	80.75	23.77
06 18 13 00-0046	LF	6-3/4" x 24" Glue Laminated Straight Beam	86.13	25.36
06 18 13 00-0047	LF	8-3/4" x 9" Glue Laminated Straight Beam	41.88	12.33
06 18 13 00-0048	LF	8-3/4" x 9-1/2" Glue Laminated Straight Beam	44.20	13.01
06 18 13 00-0049	LF	8-3/4" x 10-1/2" Glue Laminated Straight Beam	48.86	14.38
06 18 13 00-0050	LF	8-3/4" x 12" Glue Laminated Straight Beam	55.83	16.44
06 18 13 00-0051	LF	8-3/4" x 13-1/2" Glue Laminated Straight Beam	62.83	18.48
06 18 13 00-0052	LF	8-3/4" x 14" Glue Laminated Straight Beam	65.13	19.18
06 18 13 00-0053	LF	8-3/4" x 15" Glue Laminated Straight Beam	69.79	20.53
06 18 13 00-0054	LF	8-3/4" x 16" Glue Laminated Straight Beam	74.44	21.91
06 18 13 00-0055	LF	8-3/4" x 16-1/2" Glue Laminated Straight Beam	76.78	22.59
06 18 13 00-0056	LF	8-3/4" x 18" Glue Laminated Straight Beam	83.76	24.64
06 18 13 00-0057	LF	8-3/4" x 19-1/2" Glue Laminated Straight Beam	90.74	26.70
06 18 13 00-0058	LF	8-3/4" x 21" Glue Laminated Straight Beam	97.71	28.76
06 18 13 00-0059	LF	8-3/4" x 22.5" Glue Laminated Straight Beam	104.69	30.81
06 18 13 00-0060	LF	8-3/4" x 24" Glue Laminated Straight Beam	111.67	32.87

06 18 13 00-0061 Glue Laminated Decking *(06 18 13)*

06 18 13 00-0062	LF	2" - 4" Thick x 4" Wide Glue Laminated Decking	5.57	1.99
06 18 13 00-0063	LF	2" - 4" Thick x 6" Wide Glue Laminated Decking	5.73	1.99
06 18 13 00-0064	LF	2" - 4" Thick x 8" Wide Glue Laminated Decking	5.85	1.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

06 18 16 Glued-Laminated Columns *(06 18)*

06 18 16 00-0001 Glue Laminated Structural Units *(06 18 16)*

Note: Based on southern yellow pine or hemlock lumber in 2" laminations with waterproof glue and factor applied sealer.

06 18 16 00-0002	LF	3-1/4" x 7-1/2" Glue Laminated Purlin Or Column	16.70	4.05
06 18 16 00-0003	LF	3-1/4" x 9-1/4" Glue Laminated Purlin Or Column	18.82	4.50
06 18 16 00-0004	LF	5-1/4" x 9-1/4" Glue Laminated Purlin Or Column	35.11	9.62
06 18 16 00-0005	LF	5-1/4" x 13" Glue Laminated Purlin Or Column	38.69	10.09

06 20 Finish Carpentry *(06)*

06 20 23 Interior Finish Carpentry *(06 20)*

06 20 23 00-0001 Residential Wood Shelving *(06 20 23)*

Note: Wood shelving is clear or finger jointed pine, poplar, laminated particleboard or medium-density fiberboard (MDF) shelving. Includes brackets.

06 20 23 00-0002	LF	12" Wide Wood Shelving For Residential Closets	30.12	7.37
06 20 23 00-0003	LF	16" Wide Wood Shelving For Residential Closets	45.20	11.16
06 20 23 00-0004	LF	20" Wide Wood Shelving For Residential Closets	60.47	14.85

06 22 Millwork *(06 20)*

06 22 13 Standard Pattern Wood Trim *(06 22)*

06 22 13 00-0001 Pine Moldings (All Dimensions Are Nominal) *(06 22 13)*

06 22 13 00-0002	LF	1/4" x 1-1/4" Wood Lattice Strip	3.16	1.15
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.43*	
06 22 13 00-0003	LF	1/4" x 1-5/8" Wood Lattice Strip	3.30	0.92
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.43*	
06 22 13 00-0004	LF	1/4" x 2-1/2" Wood Lattice Strip	4.15	0.92
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.43*	
06 22 13 00-0005	LF	1/4" x 3-1/2" Wood Lattice Strip	4.64	0.92
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.43*	

06 22 13 00-0006 Ceilings (All Dimensions Are Nominal) *(06 22 13)*

06 22 13 00-0007 White Pine *(06 22 13 00-0006)*

06 22 13 00-0008	LF	9/16" x 3-5/8" White Pine Crown Or Bed Molding	14.57	4.03
		For Birch, Add	*3.17*	
		For Mahogany, Oak, Maple Or Walnut, Add	*4.54*	
		For Poplar, Add	*1.76*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.32*	
		For Stain Grade Material (No Finger Joints), Add	*1.15*	
06 22 13 00-0009	LF	11/16" x 4-5/8" White Pine Crown Or Bed Molding	19.47	4.83
		For Birch, Add	*4.53*	
		For Mahogany, Oak, Maple Or Walnut, Add	*6.35*	
		For Poplar, Add	*2.51*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.59*	
		For Stain Grade Material (No Finger Joints), Add	*1.63*	
06 22 13 00-0010	LF	3/4" x 3/4" White Pine Crown Or Bed Molding	7.22	2.76
		For Birch, Add	*0.94*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.64*	
		For Poplar, Add	*0.52*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
		For Stain Grade Material (No Finger Joints), Add	*0.34*	
06 22 13 00-0011	LF	9/16" x 1-5/8" White Pine Crown Or Bed Molding	8.17	2.76
		For Birch, Add	*1.29*	
		For Mahogany, Oak, Maple Or Walnut, Add	*2.07*	
		For Poplar, Add	*0.71*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
		For Stain Grade Material (No Finger Joints), Add	*0.46*	
06 22 13 00-0012	LF	9/16" x 2-1/4" White Pine Crown Or Bed Molding	10.72	3.45
		For Birch, Add	*1.79*	
		For Mahogany, Oak, Maple Or Walnut, Add	*2.81*	
		For Poplar, Add	*0.99*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.32*	
		For Stain Grade Material (No Finger Joints), Add	*0.64*	
06 22 13 00-0013	LF	3/4" x 3-1/2" White Pine Crown Or Bed Molding	12.29	3.45
		For Birch, Add	*2.35*	
		For Mahogany, Oak, Maple Or Walnut, Add	*3.51*	
		For Poplar, Add	*1.31*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.32*	
		For Stain Grade Material (No Finger Joints), Add	*0.85*	
06 22 13 00-0014	LF	5/8" x 4-1/4" White Pine Crown Or Bed Molding	15.24	4.15
		For Birch, Add	*3.00*	
		For Mahogany, Oak, Maple Or Walnut, Add	*4.44*	
		For Poplar, Add	*1.67*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.59*	
		For Stain Grade Material (No Finger Joints), Add	*1.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 22 13 00-0015	LF	1" x 2" White Pine Dentil Molding	7.47	3.22
		For Birch, Add	*1.03*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.75*	
		For Poplar, Add	*0.57*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
		For Stain Grade Material (No Finger Joints), Add	*0.37*	
06 22 13 00-0016	LF	9/16" x 1-3/4" White Pine Cove Molding	6.27	2.42
		For Birch, Add	*1.02*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.61*	
		For Poplar, Add	*0.56*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.79*	
		For Stain Grade Material (No Finger Joints), Add	*0.37*	
06 22 13 00-0017	LF	11/16" x 2-3/4" White Pine Cove Molding	9.29	2.42
		For Birch, Add	*2.10*	
		For Mahogany, Oak, Maple Or Walnut, Add	*2.97*	
		For Poplar, Add	*1.17*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.79*	
		For Stain Grade Material (No Finger Joints), Add	*0.76*	
06 22 13 00-0018	LF	3/8" x 3/8" White Pine Cove Molding	3.73	1.38
		For Birch, Add	*0.48*	
		For Mahogany, Oak, Maple Or Walnut, Add	*0.84*	
		For Poplar, Add	*0.27*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.55*	
		For Stain Grade Material (No Finger Joints), Add	*0.17*	
06 22 13 00-0019	LF	1/2" x 1/2" White Pine Cove Molding	4.07	1.38
		For Birch, Add	*0.60*	
		For Mahogany, Oak, Maple Or Walnut, Add	*0.99*	
		For Poplar, Add	*0.33*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.55*	
		For Stain Grade Material (No Finger Joints), Add	*0.22*	
06 22 13 00-0020	LF	5/8" x 5/8" White Pine Cove Molding	5.41	1.72
		For Birch, Add	*0.91*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.43*	
		For Poplar, Add	*0.51*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.66*	
		For Stain Grade Material (No Finger Joints), Add	*0.33*	
06 22 13 00-0021	LF	3/4" x 3/4" White Pine Cove Molding	5.41	1.72
		For Birch, Add	*0.91*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.43*	
		For Poplar, Add	*0.51*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.66*	
		For Stain Grade Material (No Finger Joints), Add	*0.33*	
06 22 13 00-0022	LF	15/16" x 15/16" White Pine Cove Molding	6.93	1.72
		For Birch, Add	*1.46*	
		For Mahogany, Oak, Maple Or Walnut, Add	*2.11*	
		For Poplar, Add	*0.81*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.66*	
		For Stain Grade Material (No Finger Joints), Add	*0.53*	
06 22 13 00-0023	LF	7-1/2" Wide White Pine Mullion Covers	43.88	2.07
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 22 13 00-0024	LF	Three Piece White Pine Mullion Trim, 2 Cove Moldings	55.46	2.07
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	

06 22 13 00-0025 Cedar Trim *(06 22 13 00-0006)*

06 22 13 00-0026	LF	2" x 4" Cedar Ceiling Trim	12.65	5.80
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.92*	

06 22 13 00-0027 Oak Trim *(06 22 13 00-0006)*

06 22 13 00-0028	LF	1" x 8" Clear Oak Ceiling Trim	13.08	5.34
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.78*	

06 22 13 00-0029 Closet Poles *(06 22 13)*

06 22 13 00-0030	LF	1-1/8" Diameter Pine Closet Poles	10.99	2.99
06 22 13 00-0031	LF	1-5/8" Diameter Pine Closet Poles	13.25	2.99
06 22 13 00-0032	LF	2" Diameter Pine Closet Poles	17.90	3.34

06 25 Prefinished Paneling *(06 20)*

06 25 16 Prefinished Plywood Paneling *(06 25)*

06 25 16 00-0001 Hardboard Panels *(06 25 16)*

Note: Excludes furring and trim.

06 25 16 00-0002 Tempered Hardboard Panels *(06 25 16 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 25 16 00-0003	SF	1/4" Tempered Hardboard Panels	5.99	2.08
		For Waterproof Glue, Add	*0.09*	
		For Ceiling Installation, Add	*1.42*	
		For Glue Laminated Installation, Add	*0.30*	
		For 1/8" Thick Paneling, Deduct	*-0.54*	
		For 1/2" Thick Paneling, Add	*1.24*	
		For 5/8" Thick Paneling, Add	*1.51*	
		For 3/4" Thick Paneling, Add	*1.84*	
		For Fire Retardant Treatment (Class I), Add	*0.99*	

06 40 Architectural Woodwork *(06)*

06 41 Architectural Wood Casework *(06 40)*

06 41 13 Wood-Veneer-Faced Architectural Cabinets *(06 41)*

06 41 13 00-0001 Removal And Reinstallation Of Cabinet Or Counters *(06 41 13)*

Note: Includes storage, cleaning and supply materials. Any height or width.

06 41 13 00-0002	LF	Removal And Reinstallation Of Wood Base Cabinets	88.06	
06 41 13 00-0003	LF	Removal And Reinstallation Of Wall Cabinets	76.57	
06 41 13 00-0004	LF	Removal And Reinstallation Of Plastic Laminated Countertops	18.26	

06 41 13 00-0005 Wood-Veneer Faced Wall And Base Cabinets *(06 41 13)*

Note: Kitchen cabinets are constructed of 3/8" and 1/2" thick laminated particleboard with corner braces. Shelves are 3/4" laminated particleboard. The face frame is 3/4" x 1-1/2" solid wood. Hinges are 6 way adjustable, fully concealed steel. Drawers are 1/2" thick laminated particleboard boxes with 3/8" laminated particleboard bottoms. Drawer guides are side mounted, epoxy coated double rails. Excludes door or drawer pull hardware.

06 41 13 00-0006 Solid Maple Face Frame And Door, Wall And Base Cabinets *(06 41 13 00-0005)*

06 41 13 00-0007 Base Cabinets, 35" High, 23-3/4" Deep *(06 41 13 00-0006)*

06 41 13 00-0008	EA	12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	366.59	23.01
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*106.79*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0009	EA	15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	389.87	28.77
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*106.79*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0010	EA	18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	407.57	34.53
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*106.79*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0011	EA	21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	428.67	40.28
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*106.79*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0012	EA	24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	487.13	46.04
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*106.79*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0013	EA	27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	509.08	51.80
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*106.79*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0014	EA	30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	550.34	57.54
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*106.79*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0015	EA	33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	579.56	63.30
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*106.79*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0016	EA	36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	597.54	69.05
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*106.79*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0017	EA	48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	681.19	92.08
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*213.59*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0018	EA	30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	753.06	57.54
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*213.59*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0019	EA	36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	835.57	69.05
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*213.59*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0020	EA	30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	790.17	57.54
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0021	EA	36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	881.72	69.05
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0022	EA	12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	372.02	23.01
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0023	EA	15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	380.82	28.77
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0024	EA	18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	415.71	34.53
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0025	EA	21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	442.24	40.28
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0026	EA	24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	460.89	46.04
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0027	EA	27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	483.74	51.80
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0028	EA	30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	788.36	57.54
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0029	EA	33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	831.16	63.30
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0030	EA	36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	873.58	69.05
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0031	EA	12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	455.28	23.01
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.18*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0032	EA	15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	464.99	28.77
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.18*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0033	EA	18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	504.41	34.53
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.18*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0034	EA	21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	536.37	40.28
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.18*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0035	EA	24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	564.06	46.04
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.18*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0036	EA	27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	592.34	51.80
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.18*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0037	EA	30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	826.37	57.54
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.18*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0038	EA	33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	873.69	63.30
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.18*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0039	EA	36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	922.45	69.05
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.18*	
		For All Plywood Box Construction, Add	*111.32*	

06 41 13 00-0040 Wall Cabinet, 12" High, 12" Deep *(06 41 13 00-0006)*

06 41 13 00-0041	EA	30" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet	329.48	57.54
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0042	EA	33" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet	351.20	63.30
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0043	EA	36" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet	387.03	69.05
		For All Plywood Box Construction, Add	*59.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0044	EA	39" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet	412.37	74.81
		For All Plywood Box Construction, Add	*59.73*	

06 41 13 00-0045 Wall Cabinets, 14" High, 12" Deep *(06 41 13 00-0006)*

06 41 13 00-0046	EA	12" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	279.72	23.01
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0047	EA	15" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	286.54	28.77
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0048	EA	18" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	300.62	34.53
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0049	EA	21" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	308.35	40.28
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0050	EA	24" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	316.98	46.04
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0051	EA	30" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	331.95	57.54
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0052	EA	33" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	355.08	63.30
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0053	EA	36" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	387.03	69.05
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0054	EA	39" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	412.37	74.81
		For All Plywood Box Construction, Add	*59.73*	

06 41 13 00-0055 Wall Cabinets, 18" High, 12" Deep *(06 41 13 00-0006)*

06 41 13 00-0056	EA	12" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	290.59	23.01
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0057	EA	15" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	305.55	28.77
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0058	EA	18" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	316.91	34.53
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0059	EA	21" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	329.16	40.28
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0060	EA	24" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	345.94	46.04
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0061	EA	27" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	365.19	51.82
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0062	EA	30" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	382.63	57.54
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0063	EA	33" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	396.71	63.30
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0064	EA	36" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	405.13	69.05
		For All Plywood Box Construction, Add	*59.73*	

06 41 13 00-0065 Wall Cabinets, 30" High, 12" Deep *(06 41 13 00-0006)*

06 41 13 00-0066	EA	12" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	317.21	23.01
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0067	EA	15" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	344.89	28.77
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0068	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	367.78	34.53
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0069	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	395.30	40.28
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0070	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	421.96	46.04
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0071	EA	27" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	462.01	51.82
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0072	EA	30" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	473.13	57.54
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0073	EA	33" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	515.42	63.30
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0074	EA	36" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	530.56	69.05
		For All Plywood Box Construction, Add	*59.73*	

06 41 13 00-0075 Wall Cabinets, 36" High, 12" Deep *(06 41 13 00-0006)*

06 41 13 00-0076	EA	12" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	356.13	23.01
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0077	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	385.62	28.77
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0078	EA	18" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	411.22	34.53
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0079	EA	21" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	440.56	40.28
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0080	EA	24" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	515.18	46.04
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0081	EA	27" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	518.12	51.82
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0082	EA	30" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	536.48	57.54
		For All Plywood Box Construction, Add	*59.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0083	EA	33" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	586.01	63.30
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0084	EA	36" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	601.15	69.05
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0085		**Wall Cabinets, 42" High, 12" Deep** *(06 41 13 00-0006)*		
06 41 13 00-0086	EA	12" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	396.85	23.01
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0087	EA	15" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	432.68	28.77
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0088	EA	18" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	460.09	34.53
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0089	EA	21" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	488.52	40.28
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0090	EA	24" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	531.47	46.04
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0091	EA	27" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	567.00	51.82
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0092	EA	30" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	596.21	57.54
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0093	EA	33" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	652.08	63.30
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0094	EA	36" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	671.75	69.05
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0095		**Wall Cabinets, 12" High, 23-3/4" Deep** *(06 41 13 00-0006)*		
06 41 13 00-0096	EA	30" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	377.47	57.54
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0097	EA	33" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	404.88	63.30
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0098	EA	36" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	434.64	69.05
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0099	EA	39" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	469.46	74.81
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0100	EA	48" Wide, 12" High x 23-3/4" Deep, Triple Door, Solid Maple Face Frame and Door, Wall Cabinet	553.24	92.08
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0101		**Utility Cabinets, 84" High** *(06 41 13 00-0006)*		
06 41 13 00-0102	EA	15" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	723.55	51.15
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0103	EA	18" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	817.63	61.38
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0104	EA	21" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	918.06	480.84
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0105	EA	24" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	965.08	81.85
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0106	EA	30" Wide, 84" High x 12" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,165.05	102.30
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0107	EA	36" Wide, 84" High x 12" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,341.49	122.77
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0108	EA	15" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	815.87	51.15
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0109	EA	18" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	901.80	61.38
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0110	EA	21" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,028.47	71.62
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0111	EA	24" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,092.69	81.85
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0112	EA	30" Wide, 84" High x 24" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,352.39	102.30
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0113	EA	36" Wide, 84" High x 24" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,544.22	122.77
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0114		**Solid Oak Face Frame And Door, Wall And Base Cabinets** *(06 41 13 00-0005)*		
06 41 13 00-0115		**Base Cabinets, 35" High, 23-3/4" Deep** *(06 41 13 00-0114)*		
06 41 13 00-0116	EA	12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	331.29	23.01
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*106.79*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0117	EA	15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	351.86	28.77
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*106.79*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0118	EA	18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	367.75	34.53
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*106.79*	
		For All Plywood Box Construction, Add	*111.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0119	EA	21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	387.03	40.28
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*106.79*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0120	EA	24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	438.26	46.04
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*106.79*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0121	EA	27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	458.40	51.80
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*106.79*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0122	EA	30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	494.22	57.54
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*106.79*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0123	EA	33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	520.73	63.30
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*106.79*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0124	EA	36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	536.90	69.05
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*106.79*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0125	EA	48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	611.50	92.08
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*213.59*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0126	EA	30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	673.42	57.54
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*213.59*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0127	EA	36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	745.97	69.05
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*213.59*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0128	EA	30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	706.00	57.54
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0129	EA	36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	786.70	69.05
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0130	EA	12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	336.72	23.01
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0131	EA	15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	344.62	28.77
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0132	EA	18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	374.99	34.53
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0133	EA	21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	398.80	40.28
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0134	EA	24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	415.63	46.04
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0135	EA	27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	435.77	51.80
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0136	EA	30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	704.19	57.54
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0137	EA	33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	741.56	63.30
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0138	EA	36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	779.46	69.05
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0139	EA	12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	409.12	23.01
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.18*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0140	EA	15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	418.84	28.77
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.18*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0141	EA	18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	453.73	34.53
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.18*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0142	EA	21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	482.06	40.28
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.18*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0143	EA	24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	506.14	46.04
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.18*	
		For All Plywood Box Construction, Add	*111.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0144	EA	27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	531.70	51.80
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.18*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0145	EA	30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	737.68	57.54
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.18*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0146	EA	33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	779.57	63.30
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.18*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0147	EA	36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	822.90	69.05
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.18*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0148		**Wall Cabinets, 12" High, 12" Deep** *(06 41 13 00-0114)*		
06 41 13 00-0149	EA	30" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet	298.71	57.54
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0150	EA	33" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet	317.71	63.30
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0151	EA	36" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet	349.93	69.05
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0152	EA	39" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet	372.55	74.81
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0153		**Wall Cabinets, 14" High, 12" Deep** *(06 41 13 00-0114)*		
06 41 13 00-0154	EA	12" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	254.38	23.01
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0155	EA	15" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	260.29	28.77
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0156	EA	18" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	272.56	34.53
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0157	EA	21" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	280.29	40.28
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0158	EA	24" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	288.02	46.04
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0159	EA	30" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	301.18	57.54
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0160	EA	33" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	321.59	63.30
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0161	EA	36" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	349.93	69.05
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0162	EA	39" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	372.55	74.81
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0163		**Wall Cabinets, 18" High, 12" Deep** *(06 41 13 00-0114)*		
06 41 13 00-0164	EA	12" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	263.43	23.01
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0165	EA	15" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	276.58	28.77
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0166	EA	18" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	287.04	34.53
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0167	EA	21" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	298.39	40.28
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0168	EA	24" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	313.36	46.04
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0169	EA	27" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	330.80	51.82
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0170	EA	30" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	345.53	57.54
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0171	EA	33" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	358.70	63.30
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0172	EA	36" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	366.22	69.05
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0173		**Wall Cabinets, 30" High, 12" Deep** *(06 41 13 00-0114)*		
06 41 13 00-0174	EA	12" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	289.15	23.01
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0175	EA	15" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	314.12	28.77
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0176	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	334.29	34.53
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0177	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	358.20	40.28
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0178	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	382.14	46.04
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0179	EA	27" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	417.66	51.82
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0180	EA	30" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	427.87	57.54
		For All Plywood Box Construction, Add	*59.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0181	EA	33" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	464.74	63.30
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0182	EA	36" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	478.97	69.05
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0183		**Wall Cabinets, 36" High, 12" Deep** *(06 41 13 00-0114)*		
06 41 13 00-0184	EA	12" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	323.55	23.01
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0185	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	349.42	28.77
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0186	EA	18" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	372.30	34.53
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0187	EA	21" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	398.02	40.28
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0188	EA	24" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	464.50	46.04
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0189	EA	27" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	466.54	51.82
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0190	EA	30" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	483.08	57.54
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0191	EA	33" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	527.18	63.30
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0192	EA	36" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	540.51	69.05
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0193		**Wall Cabinets, 42" High, 12" Deep** *(06 41 13 00-0114)*		
06 41 13 00-0194	EA	12" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	358.84	23.01
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0195	EA	15" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	391.05	28.77
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0196	EA	18" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	415.74	34.53
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0197	EA	21" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	440.56	40.28
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0198	EA	24" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	478.98	46.04
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0199	EA	27" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	509.98	51.82
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0200	EA	30" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	535.57	57.54
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0201	EA	33" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	585.11	63.30
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0202	EA	36" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	602.96	69.05
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0203		**Wall Cabinets, 12" High, 23-3/4" Deep** *(06 41 13 00-0114)*		
06 41 13 00-0204	EA	30" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	342.18	57.54
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0205	EA	33" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	366.87	63.30
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0206	EA	36" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	393.00	69.05
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0207	EA	39" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	424.20	74.81
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0208	EA	48" Wide, 12" High x 23-3/4" Deep, Triple Door, Solid Oak Face Frame and Door, Wall Cabinet	498.03	92.08
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0209		**Utility Cabinets, 84" High** *(06 41 13 00-0114)*		
06 41 13 00-0210	EA	15" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	658.39	51.15
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0211	EA	18" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	743.42	61.38
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0212	EA	21" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	833.89	480.84
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0213	EA	24" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	877.29	81.85
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0214	EA	30" Wide, 84" High x 12" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,054.64	102.30
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0215	EA	36" Wide, 84" High x 12" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,212.07	122.77
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0216	EA	15" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	739.84	51.15
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0217	EA	18" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	817.63	61.38
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0218	EA	21" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	930.73	71.62
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0219	EA	24" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	989.52	81.85
		For All Plywood Box Construction, Add	*220.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0220	EA	30" Wide, 84" High x 24" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,219.35	102.30
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0221	EA	36" Wide, 84" High x 24" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,390.36	122.77
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0222		Solid Wood Face Frame And Thermofoil Door, Wall And Base Cabinets *(06 41 13 00-0005)*		
06 41 13 00-0223		Base Cabinets, 35" High, 23-3/4" Deep *(06 41 13 00-0222)*		
06 41 13 00-0224	EA	12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	331.29	23.01
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*106.79*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0225	EA	15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	351.86	28.77
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*106.79*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0226	EA	18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	367.75	34.53
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*106.79*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0227	EA	21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	387.03	40.28
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*106.79*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0228	EA	24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	438.26	46.04
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*106.79*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0229	EA	27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	458.40	51.80
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*106.79*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0230	EA	30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	494.22	57.54
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*106.79*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0231	EA	33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	520.73	63.30
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*106.79*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0232	EA	36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	536.90	69.05
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*106.79*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0233	EA	48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	611.50	92.08
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*213.59*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0234	EA	30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	673.42	57.54
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*213.59*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0235	EA	36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	745.97	69.05
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*213.59*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0236	EA	30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	706.00	57.54
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0237	EA	36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	786.70	69.05
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0238	EA	12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	336.72	23.01
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0239	EA	15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	344.62	28.77
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0240	EA	18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	374.99	34.53
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0241	EA	21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	398.80	40.28
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0242	EA	24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	415.63	46.04
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0243	EA	27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	435.77	51.80
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0244	EA	30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	704.19	57.54
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0245	EA	33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	741.56	63.30
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0246	EA	36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	779.46	69.05
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0247	EA	12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	409.12	23.01
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.18*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0248	EA	15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	418.84	28.77
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.18*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0249	EA	18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	453.73	34.53
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.18*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0250	EA	21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	482.06	40.28
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.18*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0251	EA	24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	506.14	46.04
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.18*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0252	EA	27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	531.70	51.80
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.18*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0253	EA	30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	737.68	57.54
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.18*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0254	EA	33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	779.57	63.30
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.18*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0255	EA	36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	822.90	69.05
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.18*	
		For All Plywood Box Construction, Add	*111.32*	

06 41 13 00-0256 Wall Cabinets, 12" High, 12" Deep *(06 41 13 00-0222)*

06 41 13 00-0257	EA	30" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	298.71	57.54
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0258	EA	33" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	317.71	63.30
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0259	EA	36" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	349.93	69.05
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0260	EA	39" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	372.55	74.81
		For All Plywood Box Construction, Add	*59.73*	

06 41 13 00-0261 Wall Cabinets, 14" High, 12" Deep *(06 41 13 00-0222)*

06 41 13 00-0262	EA	12" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	254.38	23.01
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0263	EA	15" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	260.29	28.77
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0264	EA	18" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	272.56	34.53
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0265	EA	21" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	280.29	40.28
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0266	EA	24" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	288.02	46.04
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0267	EA	30" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	301.18	57.54
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0268	EA	33" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	321.59	63.30
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0269	EA	36" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	349.93	69.05
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0270	EA	39" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	372.55	74.81
		For All Plywood Box Construction, Add	*59.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0271		**Wall Cabinets, 18" High, 12" Deep** *(06 41 13 00-0222)*		
06 41 13 00-0272	EA	12" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	263.43	23.01
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0273	EA	15" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	276.58	28.77
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0274	EA	18" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	287.04	34.53
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0275	EA	21" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	298.39	40.28
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0276	EA	24" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	313.36	46.04
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0277	EA	27" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	330.80	51.82
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0278	EA	30" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	345.53	57.54
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0279	EA	33" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	358.70	63.30
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0280	EA	36" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	366.22	69.05
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0281		**Wall Cabinets, 30" High, 12" Deep** *(06 41 13 00-0222)*		
06 41 13 00-0282	EA	12" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	289.15	23.01
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0283	EA	15" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	314.12	28.77
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0284	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	334.29	34.53
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0285	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	358.20	40.28
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0286	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	382.14	46.04
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0287	EA	27" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	417.66	51.82
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0288	EA	30" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	427.87	57.54
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0289	EA	33" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	464.74	63.30
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0290	EA	36" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	478.97	69.05
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0291		**Wall Cabinets, 36" High, 12" Deep** *(06 41 13 00-0222)*		
06 41 13 00-0292	EA	12" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	323.55	23.01
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0293	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	349.42	28.77
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0294	EA	18" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	372.30	34.53
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0295	EA	21" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	398.02	40.28
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0296	EA	24" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	464.50	46.04
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0297	EA	27" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	466.54	51.82
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0298	EA	30" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	483.08	57.54
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0299	EA	33" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	527.18	63.30
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0300	EA	36" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	540.51	69.05
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0301		**Wall Cabinets, 42" High, 12" Deep** *(06 41 13 00-0222)*		
06 41 13 00-0302	EA	12" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	358.84	23.01
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0303	EA	15" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	391.05	28.77
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0304	EA	18" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	415.74	34.53
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0305	EA	21" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	440.56	40.28
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0306	EA	24" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	478.98	46.04
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0307	EA	27" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	509.98	51.82
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0308	EA	30" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	535.57	57.54
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0309	EA	33" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	585.11	63.30
		For All Plywood Box Construction, Add	*59.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0310	EA	36" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	602.96	69.05
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0311		**Wall Cabinets, 12" High, 23-3/4" Deep** *(06 41 13 00-0222)*		
06 41 13 00-0312	EA	30" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	342.18	57.54
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0313	EA	33" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	366.87	63.30
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0314	EA	36" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	393.00	69.05
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0315	EA	39" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	424.20	74.81
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0316	EA	48" Wide, 12" High x 23-3/4" Deep, Triple Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	498.03	92.08
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0317		**Utility Cabinets, 84" High** *(06 41 13 00-0222)*		
06 41 13 00-0318	EA	15" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	658.39	51.15
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0319	EA	18" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	743.42	61.38
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0320	EA	21" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	833.89	480.84
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0321	EA	24" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	877.29	81.85
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0322	EA	30" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	1,054.64	102.30
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0323	EA	36" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	1,212.07	122.77
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0324	EA	15" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	739.84	51.15
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0325	EA	18" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	817.63	61.38
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0326	EA	21" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	930.73	71.62
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0327	EA	24" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	989.52	81.85
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0328	EA	30" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	1,219.35	102.30
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0329	EA	36" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	1,390.36	122.77
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0330		**Solid Wood Face Frame And Decorative Laminate Veneer Door, Wall And Base Cabinets** *(06 41 13 00-0005)*		
06 41 13 00-0331		**Base Cabinets, 35" High, 23-3/4" Deep** *(06 41 13 00-0330)*		
06 41 13 00-0332	EA	12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	331.29	23.01
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*106.79*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0333	EA	15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	351.86	28.77
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*106.79*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0334	EA	18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	367.75	34.53
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*106.79*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0335	EA	21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	387.03	40.28
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*106.79*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0336	EA	24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	438.26	46.04
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*106.79*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0337	EA	27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	458.40	51.80
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*106.79*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0338	EA	30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	494.22	57.54
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*106.79*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0339	EA	33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	520.73	63.30
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*106.79*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0340	EA	36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	536.90	69.05
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*106.79*	
		For All Plywood Box Construction, Add	*111.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0341	EA	48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	611.50	92.08
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*213.59*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0342	EA	30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	673.42	57.54
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*213.59*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0343	EA	36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	745.97	69.05
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*213.59*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0344	EA	30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	706.00	57.54
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0345	EA	36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	786.70	69.05
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0346	EA	12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	336.72	23.01
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0347	EA	15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	344.62	28.77
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0348	EA	18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	374.99	34.53
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0349	EA	21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	398.80	40.28
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0350	EA	24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	415.63	46.04
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0351	EA	27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	435.77	51.80
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0352	EA	30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	704.19	57.54
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0353	EA	33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	741.56	63.30
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0354	EA	36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	779.46	69.05
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*320.38*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0355	EA	12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	409.12	23.01
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.18*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0356	EA	15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	418.84	28.77
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.18*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0357	EA	18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	453.73	34.53
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.18*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0358	EA	21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	482.06	40.28
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.18*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0359	EA	24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	506.14	46.04
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.18*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0360	EA	27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	531.70	51.80
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.18*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0361	EA	30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	737.68	57.54
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.18*	
		For All Plywood Box Construction, Add	*111.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0362	EA	33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	779.57	63.30
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.18*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0363	EA	36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	822.90	69.05
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.18*	
		For All Plywood Box Construction, Add	*111.32*	
06 41 13 00-0364		**Wall Cabinets, 12" High, 12" Deep** *(06 41 13 00-0330)*		
06 41 13 00-0365	EA	30" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	298.71	57.54
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0366	EA	33" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	317.71	63.30
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0367	EA	36" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	349.93	69.05
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0368	EA	39" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	372.55	74.81
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0369		**Wall Cabinets, 14" High, 12" Deep** *(06 41 13 00-0330)*		
06 41 13 00-0370	EA	12" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	254.38	23.01
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0371	EA	15" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	260.29	28.77
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0372	EA	18" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	272.56	34.53
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0373	EA	21" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	280.29	40.28
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0374	EA	24" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	288.02	46.04
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0375	EA	30" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	301.18	57.54
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0376	EA	33" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	321.59	63.30
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0377	EA	36" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	349.93	69.05
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0378	EA	39" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	372.55	74.81
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0379		**Wall Cabinets, 18" High, 12" Deep** *(06 41 13 00-0330)*		
06 41 13 00-0380	EA	12" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	263.43	23.01
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0381	EA	15" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	276.58	28.77
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0382	EA	18" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	287.04	34.53
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0383	EA	21" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	298.39	40.28
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0384	EA	24" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	313.36	46.04
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0385	EA	27" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	330.80	51.82
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0386	EA	30" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	345.53	57.54
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0387	EA	33" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	358.70	63.30
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0388	EA	36" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	366.22	69.05
		For All Plywood Box Construction, Add	*59.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0389		**Wall Cabinets, 30" High, 12" Deep** *(06 41 13 00-0330)*		
06 41 13 00-0390	EA	12" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	289.15	23.01
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0391	EA	15" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	314.12	28.77
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0392	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	334.29	34.53
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0393	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	358.20	40.28
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0394	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	382.14	46.04
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0395	EA	27" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	417.66	51.82
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0396	EA	30" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	427.87	57.54
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0397	EA	33" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	464.74	63.30
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0398	EA	36" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	478.97	69.05
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0399		**Wall Cabinets, 36" High, 12" Deep** *(06 41 13 00-0330)*		
06 41 13 00-0400	EA	12" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	323.55	23.01
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0401	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	349.42	28.77
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0402	EA	18" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	372.30	34.53
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0403	EA	21" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	398.02	40.28
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0404	EA	24" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	464.50	46.04
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0405	EA	27" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	466.54	51.82
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0406	EA	30" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	483.08	57.54
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0407	EA	33" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	527.18	63.30
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0408	EA	36" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	540.51	69.05
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0409		**Wall Cabinets, 42" High, 12" Deep** *(06 41 13 00-0330)*		
06 41 13 00-0410	EA	12" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	358.84	23.01
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0411	EA	15" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	391.05	28.77
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0412	EA	18" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	415.74	34.53
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0413	EA	21" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	440.56	40.28
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0414	EA	24" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	478.98	46.04
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0415	EA	27" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	509.98	51.82
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0416	EA	30" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	535.57	57.54
		For All Plywood Box Construction, Add	*59.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0417	EA	33" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	585.11	63.30
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0418	EA	36" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	602.96	69.05
		For All Plywood Box Construction, Add	*59.73*	

06 41 13 00-0419 Wall Cabinets, 12" High, 23-3/4" Deep *(06 41 13 00-0330)*

06 41 13 00-0420	EA	30" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	342.18	57.54
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0421	EA	33" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	366.87	63.30
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0422	EA	36" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	393.00	69.05
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0423	EA	39" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	424.20	74.81
		For All Plywood Box Construction, Add	*59.73*	
06 41 13 00-0424	EA	48" Wide, 12" High x 23-3/4" Deep, Triple Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	498.03	92.08
		For All Plywood Box Construction, Add	*59.73*	

06 41 13 00-0425 Utility Cabinets, 84" High *(06 41 13 00-0330)*

06 41 13 00-0426	EA	15" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	658.39	51.15
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0427	EA	18" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	743.42	61.38
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0428	EA	21" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	833.89	480.84
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0429	EA	24" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	877.29	81.85
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0430	EA	30" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	1,054.64	102.30
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0431	EA	36" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	1,212.07	122.77
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0432	EA	15" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	739.84	51.15
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0433	EA	18" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	817.63	61.38
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0434	EA	21" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	930.73	71.62
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0435	EA	24" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	989.52	81.85
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0436	EA	30" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	1,219.35	102.30
		For All Plywood Box Construction, Add	*220.83*	
06 41 13 00-0437	EA	36" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	1,390.36	122.77
		For All Plywood Box Construction, Add	*220.83*	

06 41 93 Cabinet and Drawer Hardware *(06 41)*

06 41 93 00-0001 Cabinet Hardware *(06 41 93)*

Note: Includes all finishes, and mounting screws.

06 41 93 00-0002	EA	4" To 6" Long, 1/2" Diameter, Cabinet Bar Pull	28.62	9.79
06 41 93 00-0003	EA	7" To 9" Long, 1/2" Diameter, Cabinet Bar Pull	29.66	9.79
06 41 93 00-0004	EA	10" To 12" Long, 1/2" Diameter, Cabinet Bar Pull	31.49	9.79
06 41 93 00-0005	EA	3" To 4-1/2", Flat Cabinet Pull Handle	33.52	9.79
06 41 93 00-0006	EA	5" To 6-1/2", Flat Cabinet Pull Handle	34.56	9.79
06 41 93 00-0007	EA	7" To 8-1/2", Flat Cabinet Pull Handle	45.78	9.79
06 41 93 00-0008	EA	12" To 12-1/2", Flat Cabinet Pull Handle	92.23	9.79
06 41 93 00-0009	EA	1-7/16" Diameter, Mushroom Cabinet Pull Knobs	22.43	7.48
06 41 93 00-0010	EA	3-7/16" x 1-5/8" x 1" Projection, Cabinet Cup Pull	22.24	7.48
06 41 93 00-0011	EA	1-1/4" Long, Finger Cabinet Pull	30.39	8.63
06 41 93 00-0012	EA	3" Long, Finger Cabinet Pull	35.27	8.63
06 41 93 00-0013	EA	4" Long, Finger Cabinet Pull	38.61	8.63
06 41 93 00-0014	EA	6" Long, Finger Cabinet Pull	43.17	8.63
06 41 93 00-0015	EA	12" Long, Finger Cabinet Pull	64.37	8.63
06 41 93 00-0016	EA	Cabinet Spring Loaded Adjustable Barrel Ball Catch	44.86	11.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 93 00-0017	EA	Cabinet Surface Mounted Square or Matchbook Latch	66.27	11.51
06 41 93 00-0018	EA	Cabinet Door or Drawer Mortised Lock With 2 Keys	170.83	17.27
06 41 93 00-0019	EA	Cabinet Door or Drawer Bored Lock with 2 Keys	58.86	9.79
06 41 93 00-0020	EA	Cabinet Surface Mounted Slide or Barrel Bolt Latch	39.44	9.79
06 41 93 00-0021	EA	4" Wire Pull Handles, Aluminum Satin Finihs (Stanley 4484)	26.50	9.79
06 41 93 00-0022	EA	180 Degree Overlay Clip Top Hinges, Concealed (Stanley BB8180 S826-149)	53.50	11.51
06 41 93 00-0023	EA	1-1/4" Diameter Pull Knobs, Solid Brass (Stanley 4482)	38.52	7.48
06 41 93 00-0024	EA	14" To 22" Full Extension Drawer Slide (KV 8400)	66.47	9.79

06 42 Wood Paneling *(06 40)*

Note: Includes glue for installation.

06 42 13 Wood Board Paneling *(06 42)*

06 42 13 00-0001 Solid Wood Paneling *(06 42 13)*

06 42 13 00-0002 7/16" Solid Wood Paneling, Tongue And Groove, 3" To 5" Wide *(06 42 13 00-0001)*

06 42 13 00-0003	SF	Homestead Cedar Paneling Tongue And Groove, 7/16"	11.57	2.42
06 42 13 00-0004	SF	Homestead Juniper Paneling Tongue And Groove, 7/16"	12.23	2.42

06 42 13 00-0005 7/16" Solid Wood Paneling, Tongue And Groove, 6" To 10" Wide *(06 42 13 00-0001)*

06 42 13 00-0006	SF	8" Random Plank Tongue And Groove, 7/16"	13.96	2.30
06 42 13 00-0007	SF	8" Solid Plank Tongue And Groove, 7/16"	12.92	2.30

06 42 13 00-0008 1/2" Solid Wood Paneling, Tongue And Groove, 4" To 6" Wide *(06 42 13 00-0001)*

06 42 13 00-0009	SF	Alder Wood Tongue And Groove Paneling, 1/2"	13.53	2.42

06 42 13 00-0010 1" Solid Wood Paneling, Shiplap, 6" To 8" Wide *(06 42 13 00-0001)*

06 42 13 00-0011	SF	1" Teredo (Driftwood) Wood Shiplap	8.54	2.07

06 42 16 Flush Wood Paneling *(06 42)*

06 42 16 00-0001 Veneer Hardboard Panels *(06 42 16)*

06 42 16 00-0002	SF	1/4" Maple Or Birch Veneer Paneling	6.71	2.08
		For Waterproof Glue, Add	*0.14*	
		For Ceiling Installation, Add	*1.42*	

06 42 16 00-0003 Plywood Unfinished With Trim 1/4" Thick *(06 42 16)*

06 42 16 00-0004 Birch *(06 42 16 00-0003)*

06 42 16 00-0005	SF	1/4" Unfinished Birch Plywood, Natural Faced With Trim	5.39	1.86
		For Waterproof Glue, Add	*0.09*	
		For Ceiling Installation, Add	*1.25*	
		For Installation On Metal Studs Or Furring, Add	*0.46*	
		For Glue Laminated Installation, Add	*0.27*	
		For Lumber Core, Add	*0.13*	
		For 1/8" Thick Paneling, Deduct	*-0.50*	
		For 1/2" Thick Paneling, Add	*1.16*	
		For 5/8" Thick Paneling, Add	*1.42*	
		For 3/4" Thick Paneling, Add	*1.74*	
		For Fire Retardant Treatment (Class I), Add	*0.96*	

06 42 16 00-0006 Top Grade Plywood Prefinished With Trim 1/4" Thick *(06 42 16)*

06 42 16 00-0007	SF	1/4" Top Grade Plywood, Birch Veneer Prefinished With Trim	5.99	2.08
		For Flitch Matched Veneer, Add	*0.68*	
		For Second Grade Veneer, Deduct	*-0.14*	
		For Third Grade Veneer, Deduct	*-0.20*	
		For Waterproof Glue, Add	*0.10*	
		For Ceiling Installation, Add	*1.39*	
		For Installation On Metal Studs Or Furring, Add	*0.51*	
		For Glue Laminated Installation, Add	*0.30*	
		For Lumber Core, Add	*0.15*	
		For 1/8" Thick Paneling, Deduct	*-0.55*	
		For 1/2" Thick Paneling, Add	*1.29*	
		For 5/8" Thick Paneling, Add	*1.58*	
		For 3/4" Thick Paneling, Add	*1.94*	
		For Fire Retardant Treatment (Class I), Add	*1.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0008	SF	1/4" Top Grade Plywood, Cherry Veneer Prefinished With Trim	6.60	2.08
		For Flitch Matched Veneer, Add	*0.99*	
		For Second Grade Veneer, Deduct	*-0.20*	
		For Third Grade Veneer, Deduct	*-0.30*	
		For Waterproof Glue, Add	*0.14*	
		For Ceiling Installation, Add	*1.39*	
		For Installation On Metal Studs Or Furring, Add	*0.51*	
		For Glue Laminated Installation, Add	*0.33*	
		For Lumber Core, Add	*0.22*	
		For 1/8" Thick Paneling, Deduct	*-0.65*	
		For 1/2" Thick Paneling, Add	*1.62*	
		For 5/8" Thick Paneling, Add	*2.03*	
		For 3/4" Thick Paneling, Add	*2.57*	
		For Fire Retardant Treatment (Class I), Add	*1.56*	
06 42 16 00-0009	SF	1/4" Top Grade Plywood, Mahogany Veneer Prefinished With Trim	8.61	2.08
		For Flitch Matched Veneer, Add	*1.70*	
		For Second Grade Veneer, Deduct	*-0.34*	
		For Third Grade Veneer, Deduct	*-0.51*	
		For Waterproof Glue, Add	*0.24*	
		For Ceiling Installation, Add	*1.56*	
		For Installation On Metal Studs Or Furring, Add	*0.57*	
		For Glue Laminated Installation, Add	*0.43*	
		For Lumber Core, Add	*0.37*	
		For 1/8" Thick Paneling, Deduct	*-0.93*	
		For 1/2" Thick Paneling, Add	*2.46*	
		For 5/8" Thick Paneling, Add	*3.18*	
		For 3/4" Thick Paneling, Add	*4.09*	
		For Fire Retardant Treatment (Class I), Add	*2.69*	
06 42 16 00-0010	SF	1/4" Top Grade Plywood, Red Oak Veneer Prefinished With Trim	6.13	2.08
		For Flitch Matched Veneer, Add	*0.75*	
		For Second Grade Veneer, Deduct	*-0.15*	
		For Third Grade Veneer, Deduct	*-0.23*	
		For Waterproof Glue, Add	*0.11*	
		For Ceiling Installation, Add	*1.39*	
		For Installation On Metal Studs Or Furring, Add	*0.51*	
		For Glue Laminated Installation, Add	*0.31*	
		For Lumber Core, Add	*0.17*	
		For 1/8" Thick Paneling, Deduct	*-0.57*	
		For 1/2" Thick Paneling, Add	*1.37*	
		For 5/8" Thick Paneling, Add	*1.68*	
		For 3/4" Thick Paneling, Add	*2.09*	
		For Fire Retardant Treatment (Class I), Add	*1.19*	
06 42 16 00-0011	SF	1/4" Top Grade Plywood, Walnut Veneer Prefinished With Trim	7.52	2.08
		For Flitch Matched Veneer, Add	*1.45*	
		For Second Grade Veneer, Deduct	*-0.29*	
		For Third Grade Veneer, Deduct	*-0.43*	
		For Waterproof Glue, Add	*0.20*	
		For Ceiling Installation, Add	*1.39*	
		For Installation On Metal Studs Or Furring, Add	*0.51*	
		For Glue Laminated Installation, Add	*0.38*	
		For Lumber Core, Add	*0.32*	
		For 1/8" Thick Paneling, Deduct	*-0.81*	
		For 1/2" Thick Paneling, Add	*2.12*	
		For 5/8" Thick Paneling, Add	*2.72*	
		For 3/4" Thick Paneling, Add	*3.50*	
		For Fire Retardant Treatment (Class I), Add	*2.28*	
06 42 16 00-0012	SF	1/4" Top Grade Plywood, Maple Veneer Prefinished With Trim	6.16	2.08
		For Flitch Matched Veneer, Add	*0.77*	
		For Second Grade Veneer, Deduct	*-0.15*	
		For Third Grade Veneer, Deduct	*-0.23*	
		For Waterproof Glue, Add	*0.11*	
		For Ceiling Installation, Add	*1.39*	
		For Installation On Metal Studs Or Furring, Add	*0.51*	
		For Glue Laminated Installation, Add	*0.31*	
		For Lumber Core, Add	*0.17*	
		For 1/8" Thick Paneling, Deduct	*-0.58*	
		For 1/2" Thick Paneling, Add	*1.38*	
		For 5/8" Thick Paneling, Add	*1.70*	
		For 3/4" Thick Paneling, Add	*2.12*	
		For Fire Retardant Treatment (Class I), Add	*1.21*	
06 42 16 00-0013		Accessories *(06 42 16)*		
06 42 16 00-0014	EA	Aluminum Panel Retainer "J" With Bolt	44.31	

06 42 19 Plastic-Laminate-Faced Wood Paneling *(06 42)*

06 42 19 00-0001		Plastic Laminate *(06 42 19)* Note: Standard colors and patterns.		
06 42 19 00-0002	SF	1/16" Plastic Laminate Faced Panel Note: Includes cutting to fit.	11.49	4.03

06 43 Wood Stairs and Railings *(06 40)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

06 43 16 Wood Railings *(06 43)*

06 43 16 00-0001 Handrails *(06 43 16)*

06 43 16 00-0002 Wood Handrail With Brackets *(06 43 16 00-0001)*

Note: Includes pine, fir or red oak interior grade or pressure treated exterior grade handrail with brackets.

06 43 16 00-0003	LF	1-1/2" x 1-11/16", Wood Handrail With Brackets	19.52	5.76
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.65*	
06 43 16 00-0004	LF	1-7/8" x 2-5/8", Wood Handrail With Brackets	21.14	5.76
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.65*	
06 43 16 00-0005	LF	1-1/2" Diameter, Wood Handrail With Brackets	26.53	5.76
06 43 16 00-0006	LF	1-3/4" Diameter, Wood Handrail With Brackets	27.88	5.76
06 43 16 00-0007	LF	2" Diameter, Wood Handrail With Brackets	32.73	5.76
06 43 16 00-0008	LF	2-1/2" Diameter, Wood Handrail With Brackets	47.71	5.76

06 44 Ornamental Woodwork *(06 40)*

06 44 39 Wood Posts and Columns *(06 44)*

06 44 39 00-0001 Columns *(06 44 39)*

06 44 39 00-0002 Pine Colonial Columns, Round Tapered With Cap And Base *(06 44 39 00-0001)*

Note: Paint grade/finger jointed pine.

06 44 39 00-0003	LF	6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	71.78	7.93
06 44 39 00-0004	LF	8" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	90.33	11.59
06 44 39 00-0005	LF	10" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	110.42	13.42
06 44 39 00-0006	LF	12" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	131.55	14.04
06 44 39 00-0007	LF	14" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	289.29	15.86
06 44 39 00-0008	LF	16" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	335.63	17.08
06 44 39 00-0009	LF	18" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	403.33	18.31
06 44 39 00-0010	LF	20" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	480.84	19.52
06 44 39 00-0011	LF	6" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	82.27	7.93
06 44 39 00-0012	LF	8" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	98.74	11.59
06 44 39 00-0013	LF	10" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	122.03	13.42
06 44 39 00-0014	LF	12" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	143.96	14.04
06 44 39 00-0015	LF	14" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	314.51	15.86
06 44 39 00-0016	LF	16" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	426.11	17.08
06 44 39 00-0017	LF	18" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	459.38	18.31
06 44 39 00-0018	LF	20" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	516.87	19.52

06 44 39 00-0019 Pine Colonial Columns, Round Non-Tapered With Cap And Base *(06 44 39 00-0001)*

Note: Paint grade/finger jointed pine.

06 44 39 00-0020	LF	6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	85.87	7.93
06 44 39 00-0021	LF	8" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	106.34	11.59
06 44 39 00-0022	LF	10" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	131.23	13.42
06 44 39 00-0023	LF	12" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	157.58	14.04
06 44 39 00-0024	LF	14" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	354.59	15.86
06 44 39 00-0025	LF	16" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	412.10	17.08
06 44 39 00-0026	LF	18" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	496.33	18.31
06 44 39 00-0027	LF	20" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	592.86	19.52
06 44 39 00-0028	LF	6" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	99.00	7.93
06 44 39 00-0029	LF	8" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	117.83	11.59
06 44 39 00-0030	LF	10" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	146.29	13.42
06 44 39 00-0031	LF	12" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	173.51	14.04
06 44 39 00-0032	LF	14" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	386.18	15.86
06 44 39 00-0033	LF	16" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	525.52	17.08
06 44 39 00-0034	LF	18" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	566.60	18.31
06 44 39 00-0035	LF	20" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	638.06	19.52

06 44 39 00-0036 Pine Classical Columns, Round Tapered With Cap And Base *(06 44 39 00-0001)*

Note: Paint grade/finger jointed pine.

06 44 39 00-0037	LF	6" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	76.76	7.93
06 44 39 00-0038	LF	8" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	96.33	11.59
06 44 39 00-0039	LF	10" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	117.96	13.42
06 44 39 00-0040	LF	12" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	140.89	14.04
06 44 39 00-0041	LF	6" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	88.20	7.93
06 44 39 00-0042	LF	8" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	105.49	11.59
06 44 39 00-0043	LF	10" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	130.61	13.42
06 44 39 00-0044	LF	12" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	154.42	14.04

06 44 39 00-0045 Redwood Colonial Columns, Round Tapered With Cap And Base *(06 44 39 00-0001)*

Note: Paint grade/finger jointed redwood.

06 44 39 00-0046	LF	6" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	118.70	7.93
06 44 39 00-0047	LF	8" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	143.18	11.59
06 44 39 00-0048	LF	10" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	178.08	13.42
06 44 39 00-0049	LF	12" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	217.23	14.04
06 44 39 00-0050	LF	6" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	136.32	7.93
06 44 39 00-0051	LF	8" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	161.99	11.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 44 39 00-0052	LF	10" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	200.10	13.42
06 44 39 00-0053	LF	12" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	246.06	14.04
06 44 39 00-0054		Ornamental Or Decorative Cap And Bases, Resin *(06 44 39 00-0001)*		
		Note: For tapered wood columns.		
06 44 39 00-0055	EA	6" Resin Corinthian Capital And Base	369.25	16.47
06 44 39 00-0056	EA	8" Resin Corinthian Capital And Base	557.07	18.31
06 44 39 00-0057	EA	10" Resin Corinthian Capital And Base	775.36	21.35
06 44 39 00-0058	EA	12" Resin Corinthian Capital And Base	989.66	24.41
06 44 39 00-0059	EA	6" Resin Greek Erectheum Cap And Base	329.22	16.47
06 44 39 00-0060	EA	8" Resin Greek Erectheum Cap And Base	456.98	18.31
06 44 39 00-0061	EA	10" Resin Greek Erectheum Cap And Base	567.17	21.35
06 44 39 00-0062	EA	12" Resin Greek Erectheum Cap And Base	741.43	24.41
06 44 39 00-0063	EA	6" Resin Roman Ionic Capital And Base	346.44	17.08
06 44 39 00-0064	EA	8" Resin Roman Ionic Capital And Base	456.98	18.31
06 44 39 00-0065	EA	10" Resin Roman Ionic Capital And Base	567.17	21.35
06 44 39 00-0066	EA	12" Resin Roman Ionic Capital And Base	721.41	24.41
06 44 39 00-0067	EA	6" Resin Scamozzi Capital And Base	350.44	17.08
06 44 39 00-0068	EA	8" Resin Scamozzi Capital And Base	497.01	18.31
06 44 39 00-0069	EA	10" Resin Scamozzi Capital And Base	587.19	21.35
06 44 39 00-0070	EA	12" Resin Scamozzi Capital And Base	805.49	24.41
06 44 39 00-0071	EA	6" Resin Temple Of Winds Cap And Base	350.44	17.08
06 44 39 00-0072	EA	8" Resin Temple Of Winds Cap And Base	541.05	18.31
06 44 39 00-0073	EA	10" Resin Temple Of Winds Cap And Base	715.30	21.35
06 44 39 00-0074	EA	12" Resin Temple Of Winds Cap And Base	885.56	24.41
06 44 39 00-0075		Ornamental Or Decorative Cap And Bases, Plaster *(06 44 39 00-0001)*		
		Note: For tapered wood columns.		
06 44 39 00-0076	EA	6" Plaster Corinthian Capital And Base	741.59	16.47
06 44 39 00-0077	EA	8" Plaster Corinthian Capital And Base	833.32	18.31
06 44 39 00-0078	EA	10" Plaster Corinthian Capital And Base	1,059.61	21.35
06 44 39 00-0079	EA	12" Plaster Corinthian Capital And Base	1,165.81	24.41
06 44 39 00-0080	EA	6" Plaster Greek Erectheum Cap And Base	493.36	16.47
06 44 39 00-0081	EA	8" Plaster Greek Erectheum Cap And Base	573.08	18.31
06 44 39 00-0082	EA	10" Plaster Greek Erectheum Cap And Base	707.30	21.35
06 44 39 00-0083	EA	12" Plaster Greek Erectheum Cap And Base	889.57	24.41
06 44 39 00-0084	EA	6" Plaster Roman Ionic Capital And Base	474.56	17.08
06 44 39 00-0085	EA	8" Plaster Roman Ionic Capital And Base	621.13	18.31
06 44 39 00-0086	EA	10" Plaster Roman Ionic Capital And Base	751.34	21.35
06 44 39 00-0087	EA	12" Plaster Roman Ionic Capital And Base	889.57	24.41
06 44 39 00-0088	EA	6" Plaster Scamozzi Capital And Base	562.64	17.08
06 44 39 00-0089	EA	8" Plaster Scamozzi Capital And Base	745.24	18.31
06 44 39 00-0090	EA	10" Plaster Scamozzi Capital And Base	839.42	21.35
06 44 39 00-0091	EA	12" Plaster Scamozzi Capital And Base	1,065.72	24.41
06 44 39 00-0092	EA	6" Plaster Temple Of Winds Cap And Base	474.56	17.08
06 44 39 00-0093	EA	8" Plaster Temple Of Winds Cap And Base	613.12	18.31
06 44 39 00-0094	EA	10" Plaster Temple Of Winds Cap And Base	799.38	21.35
06 44 39 00-0095	EA	12" Plaster Temple Of Winds Cap And Base	1,021.68	24.41
06 44 39 00-0096	EA	6" Plaster Empire Capital And Base	534.61	17.08
06 44 39 00-0097	EA	8" Plaster Empire Capital And Base	653.15	18.31
06 44 39 00-0098	EA	10" Plaster Empire Capital And Base	795.38	21.35
06 44 39 00-0099	EA	12" Plaster Empire Capital And Base	889.57	24.41

06 46 Wood Trim *(06 40)*

06 46 13 Wood Door and Window Casings *(06 46)*

06 46 13 00-0001 Door and Window Casings *(06 46 13)*

06 46 13 00-0002	LF	1-1/8" Wide Plain Pine Door And Window Molding	5.32	1.84
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 13 00-0003	LF	1-1/8" Wide Detailed Pine Door And Window Molding	5.37	1.84
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 13 00-0004	LF	2-1/2" Wide Pine Complete Door And Window Trim	6.67	1.84
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	

06 46 19 Wood Base and Shoe Moldings *(06 46)*

06 46 19 00-0001 Base And Shoe Molding *(06 46 19)*

06 46 19 00-0002	LF	1/2" x 1/2" Pine Quarter Round Trim	5.53	2.18
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 19 00-0003	LF	3/4" x 3/4" Pine Quarter Round Trim	5.91	2.18
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 19 00-0004	LF	3-1/2" High White Pine Base Molding, All Dimensions Are Nominal	6.98	1.38
		For Clear Birch, Add	*0.76*	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	*1.53*	
		For Stain Grade Material (No Finger Joints), Add	*0.43*	
		For Clear Poplar, Add	*0.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 19 00-0005	LF	4-1/2" High White Pine Base Molding, All Dimensions Are Nominal	8.51	1.72
		For Clear Birch, Add	*0.88*	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	*1.81*	
		For Stain Grade Material (No Finger Joints), Add	*0.50*	
		For Clear Poplar, Add	*0.55*	
06 46 19 00-0006	LF	5-1/2" High White Pine Base Molding, All Dimensions Are Nominal	10.58	1.95
		For Clear Birch, Add	*1.36*	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	*2.55*	
		For Stain Grade Material (No Finger Joints), Add	*0.77*	
		For Clear Poplar, Add	*0.85*	
06 46 19 00-0007	LF	3/4" x 1" Oak Base Shoe	6.87	2.18
06 46 19 00-0008	LF	3/4" x 1" White Pine Base Shoe, Stain Grade	6.65	2.18
06 46 19 00-0009	LF	3/4" x 1" White Pine Base Shoe, Paint Grade	6.18	2.18

06 46 23 Wood Chair Rails *(06 46)*

06 46 23 00-0001 Chair Rails *(06 46 23)*

06 46 23 00-0002	LF	5/8" x 2-1/2" White Pine Shaped Chair Rail	8.51	2.07
		For Birch, Add	*1.25*	
		For Mahogany, Oak, Maple Or Walnut, Add	*2.22*	
		For Poplar, Add	*0.78*	
06 46 23 00-0003	LF	5/8" x 3-1/2" White Pine Shaped Chair Rail	10.49	2.07
		For Birch, Add	*1.88*	
		For Mahogany, Oak, Maple Or Walnut, Add	*3.11*	
		For Poplar, Add	*1.18*	
06 46 23 00-0004	LF	1/2" x 1-5/8" White Pine Shaped Chair Rail	6.31	2.07
		For Birch, Add	*0.92*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.63*	
		For Poplar, Add	*0.57*	

06 46 26 Wood Cornices *(06 46)*

06 46 26 00-0001 Wood Cornices *(06 46 26)*

06 46 26 00-0002	LF	1" x 2" White Pine Cornices, All Dimensions Are Nominal	6.38	2.07
		For Birch, Add	*0.64*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*1.26*	
		For Poplar, Add	*0.80*	
06 46 26 00-0003	LF	1" x 4" White Pine Cornices, All Dimensions Are Nominal	8.01	2.18
		For Birch, Add	*1.16*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*1.93*	
		For Poplar, Add	*1.45*	
06 46 26 00-0004	LF	1" x 6" White Pine Cornices, All Dimensions Are Nominal	11.13	2.30
		For Birch, Add	*2.21*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*3.26*	
		For Poplar, Add	*2.76*	
06 46 26 00-0005	LF	1" x 8" White Pine Cornices, All Dimensions Are Nominal	12.85	2.30
		For Birch, Add	*2.74*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*3.95*	
		For Poplar, Add	*3.43*	
06 46 26 00-0006	LF	1" x 10" White Pine Cornices, All Dimensions Are Nominal	14.82	2.42
		For Birch, Add	*3.37*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*4.75*	
		For Poplar, Add	*4.21*	
06 46 26 00-0007	LF	1" x 12" White Pine Cornices, All Dimensions Are Nominal	19.07	2.65
		For Birch, Add	*4.79*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*6.57*	
		For Poplar, Add	*5.99*	

06 46 29 Wood Fasciae and Soffits *(06 46)*

06 46 29 00-0001 Fascia Board *(06 46 29)*

06 46 29 00-0002 Pine Fascia Board *(06 46 29 00-0001)*

06 46 29 00-0003	LF	1" x 6" Pine Fascia Board	5.56	2.30
06 46 29 00-0004	LF	1" x 8" Pine Fascia Board	6.40	2.56
06 46 29 00-0005	LF	1" x 10" Pine Fascia Board	6.96	2.68
06 46 29 00-0006	LF	1" x 12" Pine Fascia Board	8.24	3.00
06 46 29 00-0007	LF	2" x 6" Pine Fascia Board	5.49	2.30
06 46 29 00-0008	LF	2" x 8" Pine Fascia Board	6.29	2.56
06 46 29 00-0009	LF	2" x 10" Pine Fascia Board	7.10	2.68
06 46 29 00-0010	LF	2" x 12" Pine Fascia Board	8.68	3.00
06 46 29 00-0011	LF	2" x 6" Trim, Exterior, Pine, Resawn Fascia	7.30	2.30
06 46 29 00-0012	LF	2" x 8" Trim, Exterior, Pine, Resawn Fascia	8.67	2.56
06 46 29 00-0013	LF	2" x 10" Trim, Exterior, Pine, Resawn Fascia	9.90	2.68
06 46 29 00-0014	LF	2" x 12" Trim, Exterior, Pine, Resawn Fascia	12.83	3.00

06 46 29 00-0015 Cedar Fascia Board *(06 46 29 00-0001)*

06 46 29 00-0016	LF	1" x 6" Cedar Fascia Board	6.03	2.30
06 46 29 00-0017	LF	1" x 8" Cedar Fascia Board	7.11	2.56
06 46 29 00-0018	LF	1" x 10" Cedar Fascia Board	8.34	2.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 29 00-0019	LF	1" x 12" Cedar Fascia Board	10.18	3.00
06 46 29 00-0020		**Engineered Wood Fascia Board** *(06 46 29 00-0001)*		
06 46 29 00-0021	LF	1" x 6" Engineered Wood Fascia Board	5.30	2.30
06 46 29 00-0022	LF	1" x 8" Engineered Wood Fascia Board	6.04	2.56
06 46 29 00-0023	LF	1" x 12" Engineered Wood Fascia Board	7.40	3.00
06 46 29 00-0024		**Soffit** *(06 46 29)*		
06 46 29 00-0025		**Sanded Plywood Soffit** *(06 46 29 00-0024)*		
06 46 29 00-0026	SF	3/8" Thick, Sanded Plywood Soffit	4.47	1.74
06 46 29 00-0027	SF	1/2" Thick, Sanded Plywood Soffit	4.89	1.83
06 46 29 00-0028	SF	5/8" Thick, Sanded Plywood Soffit	5.14	1.91
06 46 29 00-0029	SF	3/4" Thick, Sanded Plywood Soffit	5.65	2.02
06 46 29 00-0030		**MDO Plywood Soffit** *(06 46 29 00-0024)*		
06 46 29 00-0031	SF	3/8" Thick, MDO Plywood Soffit	4.93	1.74
06 46 29 00-0032	SF	1/2" Thick, MDO Plywood Soffit	5.47	1.83
06 46 29 00-0033	SF	3/4" Thick, MDO Plywood Soffit	6.78	2.02
06 46 29 00-0034		**Exterior Ceiling Gypsum Board Soffit** *(06 46 29 00-0024)*		
06 46 29 00-0035	SF	1/2" Thick, Exterior Ceiling Gypsum Board Soffit	3.82	1.51
06 46 29 00-0036	SF	5/8" Thick, Fire Rated, Exterior Ceiling Gypsum Board Soffit	4.14	1.59
06 46 36		**Custom Wood Molding** *(06 46)*		
		Note: Includes set-up, knife charge, gluing (Where necessary for widths over 7-1/2"). All dimensions are nominal.		
06 46 36 00-0001		**Ash** *(06 46 36)*		
06 46 36 00-0002	LF	3/4" x 1-1/2" Custom Shaped Ash	8.05	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0003	LF	3/4" x 2-1/2" Custom Shaped Ash	10.19	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0004	LF	3/4" x 3-1/2" Custom Shaped Ash	12.33	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0005	LF	3/4" x 4-1/2" Custom Shaped Ash	14.45	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0006	LF	3/4" x 5-1/2" Custom Shaped Ash	16.71	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0007	LF	3/4" x 6-1/2" Custom Shaped Ash	18.97	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0008	LF	3/4" x 7-1/2" Custom Shaped Ash	21.08	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0009	LF	3/4" x 8-1/2" Custom Shaped Ash	23.24	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	
06 46 36 00-0010	LF	3/4" x 9-1/2" Custom Shaped Ash	25.31	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0011	LF	3/4" x 10-1/2" Custom Shaped Ash	27.60	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.28*	
06 46 36 00-0012	LF	3/4" x 11-1/2" Custom Shaped Ash	29.78	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.32*	
06 46 36 00-0013	LF	1" x 1-1/2" Custom Shaped Ash	9.56	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0014	LF	1" x 2-1/2" Custom Shaped Ash	12.35	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0015	LF	1" x 3-1/2" Custom Shaped Ash	15.15	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0016	LF	1" x 4-1/2" Custom Shaped Ash	17.95	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0017	LF	1" x 5-1/2" Custom Shaped Ash	20.92	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0018	LF	1" x 6-1/2" Custom Shaped Ash	23.85	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0019	LF	1" x 7-1/2" Custom Shaped Ash	26.64	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0020	LF	1" x 8-1/2" Custom Shaped Ash	29.46	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.23*	
06 46 36 00-0021	LF	1" x 9-1/2" Custom Shaped Ash	32.24	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.24*	
06 46 36 00-0022	LF	1" x 10-1/2" Custom Shaped Ash	35.20	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.31*	
06 46 36 00-0023	LF	1" x 11-1/2" Custom Shaped Ash	38.05	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.35*	
06 46 36 00-0024	LF	1-1/4" x 1-1/2" Custom Shaped Ash	11.43	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0025	LF	1-1/4" x 2-1/2" Custom Shaped Ash	15.13	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0026	LF	1-1/4" x 3-1/2" Custom Shaped Ash	18.84	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0027	LF	1-1/4" x 4-1/2" Custom Shaped Ash	22.54	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0028	LF	1-1/4" x 5-1/2" Custom Shaped Ash	26.38	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0029	LF	1-1/4" x 6-1/2" Custom Shaped Ash	30.21	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0030	LF	1-1/4" x 7-1/2" Custom Shaped Ash	33.90	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0031	LF	1-1/4" x 8-1/2" Custom Shaped Ash	37.63	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.26*	
06 46 36 00-0032	LF	1-1/4" x 9-1/2" Custom Shaped Ash	41.27	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.27*	
06 46 36 00-0033	LF	1-1/4" x 10-1/2" Custom Shaped Ash	45.13	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.34*	
06 46 36 00-0034	LF	1-1/4" x 11-1/2" Custom Shaped Ash	48.89	1.84
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.38*	
06 46 36 00-0035	LF	1-1/2" x 1-1/2" Custom Shaped Ash	14.12	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0036	LF	1-1/2" x 2-1/2" Custom Shaped Ash	19.11	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0037	LF	1-1/2" x 3-1/2" Custom Shaped Ash	24.10	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0038	LF	1-1/2" x 4-1/2" Custom Shaped Ash	29.09	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0039	LF	1-1/2" x 5-1/2" Custom Shaped Ash	34.10	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0040	LF	1-1/2" x 6-1/2" Custom Shaped Ash	39.33	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0041	LF	1-1/2" x 7-1/2" Custom Shaped Ash	44.40	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.24*	
06 46 36 00-0042	LF	1-1/2" x 8-1/2" Custom Shaped Ash	49.33	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.28*	
06 46 36 00-0043	LF	1-1/2" x 9-1/2" Custom Shaped Ash	54.27	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.30*	
06 46 36 00-0044	LF	1-1/2" x 10-1/2" Custom Shaped Ash	59.88	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.36*	
06 46 36 00-0045	LF	1-1/2" x 11-1/2" Custom Shaped Ash	64.44	1.84
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.40*	

06 46 36 00-0046 Basswood *(06 46 36)*

06 46 36 00-0047	LF	3/4" x 1-1/2" Custom Shaped Basswood	6.72	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0048	LF	3/4" x 2-1/2" Custom Shaped Basswood	8.18	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0049	LF	3/4" x 3-1/2" Custom Shaped Basswood	9.66	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0050	LF	3/4" x 4-1/2" Custom Shaped Basswood	11.11	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0051	LF	3/4" x 5-1/2" Custom Shaped Basswood	12.71	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0052	LF	3/4" x 6-1/2" Custom Shaped Basswood	14.30	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0053	LF	3/4" x 7-1/2" Custom Shaped Basswood	15.75	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0054	LF	3/4" x 8-1/2" Custom Shaped Basswood	17.23	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	
06 46 36 00-0055	LF	3/4" x 9-1/2" Custom Shaped Basswood	18.64	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0056	LF	3/4" x 10-1/2" Custom Shaped Basswood	20.26	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.28*	
06 46 36 00-0057	LF	3/4" x 11-1/2" Custom Shaped Basswood	21.77	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.32*	
06 46 36 00-0058	LF	1" x 1-1/2" Custom Shaped Basswood	7.65	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0059	LF	1" x 2-1/2" Custom Shaped Basswood	9.50	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0060	LF	1" x 3-1/2" Custom Shaped Basswood	11.34	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0061	LF	1" x 4-1/2" Custom Shaped Basswood	13.19	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0062	LF	1" x 5-1/2" Custom Shaped Basswood	15.20	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0063	LF	1" x 6-1/2" Custom Shaped Basswood	17.18	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0064	LF	1" x 7-1/2" Custom Shaped Basswood	19.01	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0065	LF	1" x 8-1/2" Custom Shaped Basswood	20.88	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.23*	
06 46 36 00-0066	LF	1" x 9-1/2" Custom Shaped Basswood	22.71	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.24*	
06 46 36 00-0067	LF	1" x 10-1/2" Custom Shaped Basswood	24.72	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0068	LF	1" x 11-1/2" Custom Shaped Basswood	26.61	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.35*	
06 46 36 00-0069	LF	1-1/2" x 1-1/2" Custom Shaped Basswood	10.38	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0070	LF	1-1/2" x 2-1/2" Custom Shaped Basswood	13.56	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0071	LF	1-1/2" x 3-1/2" Custom Shaped Basswood	16.74	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0072	LF	1-1/2" x 4-1/2" Custom Shaped Basswood	19.92	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0073	LF	1-1/2" x 5-1/2" Custom Shaped Basswood	23.23	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0074	LF	1-1/2" x 6-1/2" Custom Shaped Basswood	26.54	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0075	LF	1-1/2" x 7-1/2" Custom Shaped Basswood	29.70	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0076	LF	1-1/2" x 8-1/2" Custom Shaped Basswood	32.91	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.26*	
06 46 36 00-0077	LF	1-1/2" x 9-1/2" Custom Shaped Basswood	36.02	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.27*	
06 46 36 00-0078	LF	1-1/2" x 10-1/2" Custom Shaped Basswood	39.36	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.34*	
06 46 36 00-0079	LF	1-1/2" x 11-1/2" Custom Shaped Basswood	42.59	1.84
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.38*	
06 46 36 00-0080	LF	3-1/2" x 3-1/2" Custom Shaped Basswood	40.03	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0081	LF	3-1/2" x 4-1/2" Custom Shaped Basswood	49.02	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0082	LF	3-1/2" x 5-1/2" Custom Shaped Basswood	57.91	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0083	LF	3-1/2" x 6-1/2" Custom Shaped Basswood	67.03	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.30*	
06 46 36 00-0084	LF	3-1/2" x 7-1/2" Custom Shaped Basswood	75.92	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.32*	
06 46 36 00-0085	LF	3-1/2" x 8-1/2" Custom Shaped Basswood	85.00	1.84
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.38*	
06 46 36 00-0086	LF	3-1/2" x 9-1/2" Custom Shaped Basswood	93.79	1.84
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.40*	
06 46 36 00-0087	LF	3-1/2" x 10-1/2" Custom Shaped Basswood	102.68	1.84
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.43*	
06 46 36 00-0088	LF	3-1/2" x 11-1/2" Custom Shaped Basswood	111.80	1.95
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.51*	

06 46 36 00-0089 Birch *(06 46 36)*

06 46 36 00-0090	LF	3/4" x 1-1/2" Custom Shaped Birch	7.20	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0091	LF	3/4" x 2-1/2" Custom Shaped Birch	8.90	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0092	LF	3/4" x 3-1/2" Custom Shaped Birch	10.61	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0093	LF	3/4" x 4-1/2" Custom Shaped Birch	12.30	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0094	LF	3/4" x 5-1/2" Custom Shaped Birch	14.14	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0095	LF	3/4" x 6-1/2" Custom Shaped Birch	15.97	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0096	LF	3/4" x 7-1/2" Custom Shaped Birch	17.65	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0097	LF	3/4" x 8-1/2" Custom Shaped Birch	19.38	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	
06 46 36 00-0098	LF	3/4" x 9-1/2" Custom Shaped Birch	21.02	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0099	LF	3/4" x 10-1/2" Custom Shaped Birch	22.88	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.28*	
06 46 36 00-0100	LF	3/4" x 11-1/2" Custom Shaped Birch	24.63	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.32*	
06 46 36 00-0101	LF	1" x 1-1/2" Custom Shaped Birch	8.36	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0102	LF	1" x 2-1/2" Custom Shaped Birch	10.54	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0103	LF	1" x 3-1/2" Custom Shaped Birch	12.77	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0104	LF	1" x 4-1/2" Custom Shaped Birch	15.00	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0105	LF	1" x 5-1/2" Custom Shaped Birch	17.35	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0106	LF	1" x 6-1/2" Custom Shaped Birch	19.65	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0107	LF	1" x 7-1/2" Custom Shaped Birch	21.87	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0108	LF	1" x 8-1/2" Custom Shaped Birch	24.12	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0109	LF	1" x 9-1/2" Custom Shaped Birch	26.29	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.24*	
06 46 36 00-0110	LF	1" x 10-1/2" Custom Shaped Birch	28.63	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.31*	
06 46 36 00-0111	LF	1" x 11-1/2" Custom Shaped Birch	30.90	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.35*	
06 46 36 00-0112	LF	1-1/4" x 1-1/2" Custom Shaped Birch	9.71	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0113	LF	1-1/4" x 2-1/2" Custom Shaped Birch	12.56	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0114	LF	1-1/4" x 3-1/2" Custom Shaped Birch	15.41	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0115	LF	1-1/4" x 4-1/2" Custom Shaped Birch	18.25	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0116	LF	1-1/4" x 5-1/2" Custom Shaped Birch	21.23	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0117	LF	1-1/4" x 6-1/2" Custom Shaped Birch	24.21	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0118	LF	1-1/4" x 7-1/2" Custom Shaped Birch	27.03	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0119	LF	1-1/4" x 8-1/2" Custom Shaped Birch	29.91	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.26*	
06 46 36 00-0120	LF	1-1/4" x 9-1/2" Custom Shaped Birch	32.69	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.27*	
06 46 36 00-0121	LF	1-1/4" x 10-1/2" Custom Shaped Birch	35.69	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.34*	
06 46 36 00-0122	LF	1-1/4" x 11-1/2" Custom Shaped Birch	38.59	1.84
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.38*	
06 46 36 00-0123	LF	1-1/2" x 1-1/2" Custom Shaped Birch	11.84	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0124	LF	1-1/2" x 2-1/2" Custom Shaped Birch	15.68	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0125	LF	1-1/2" x 3-1/2" Custom Shaped Birch	19.52	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0126	LF	1-1/2" x 4-1/2" Custom Shaped Birch	23.37	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0127	LF	1-1/2" x 5-1/2" Custom Shaped Birch	27.24	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0128	LF	1-1/2" x 6-1/2" Custom Shaped Birch	31.32	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0129	LF	1-1/2" x 7-1/2" Custom Shaped Birch	35.15	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.24*	
06 46 36 00-0130	LF	1-1/2" x 8-1/2" Custom Shaped Birch	39.04	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.28*	
06 46 36 00-0131	LF	1-1/2" x 9-1/2" Custom Shaped Birch	42.83	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.30*	
06 46 36 00-0132	LF	1-1/2" x 10-1/2" Custom Shaped Birch	47.30	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.36*	
06 46 36 00-0133	LF	1-1/2" x 11-1/2" Custom Shaped Birch	50.71	1.84
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.40*	

06 46 36 00-0134 Clear Western Cedar *(06 46 36)*

06 46 36 00-0135	LF	3/4" x 1-1/2" Custom Shaped Clear West Cedar	7.20	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0136	LF	3/4" x 2-1/2" Custom Shaped Clear West Cedar	8.90	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0137	LF	3/4" x 3-1/2" Custom Shaped Clear West Cedar	10.61	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0138	LF	3/4" x 4-1/2" Custom Shaped Clear West Cedar	12.30	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0139	LF	3/4" x 5-1/2" Custom Shaped Clear West Cedar	14.14	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0140	LF	3/4" x 6-1/2" Custom Shaped Clear West Cedar	15.97	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0141	LF	1" x 1-1/2" Custom Shaped Clear West Cedar	8.46	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0142	LF	1" x 2-1/2" Custom Shaped Clear West Cedar	10.73	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0143	LF	1" x 3-1/2" Custom Shaped Clear West Cedar	13.01	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0144	LF	1" x 4-1/2" Custom Shaped Clear West Cedar	15.28	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0145	LF	1" x 5-1/2" Custom Shaped Clear West Cedar	17.68	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0146	LF	1" x 6-1/2" Custom Shaped Clear West Cedar	20.08	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0147	LF	1-1/4" x 1-1/2" Custom Shaped Clear West Cedar	10.95	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0148	LF	1-1/4" x 2-1/2" Custom Shaped Clear West Cedar	14.42	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0149	LF	1-1/4" x 3-1/2" Custom Shaped Clear West Cedar	17.89	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0150	LF	1-1/4" x 4-1/2" Custom Shaped Clear West Cedar	21.35	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0151	LF	1-1/4" x 5-1/2" Custom Shaped Clear West Cedar	24.95	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0152	LF	1-1/4" x 6-1/2" Custom Shaped Clear West Cedar	28.54	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0153	LF	1-1/2" x 1-1/2" Custom Shaped Clear West Cedar	11.26	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0154	LF	1-1/2" x 2-1/2" Custom Shaped Clear West Cedar	14.83	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0155	LF	1-1/2" x 3-1/2" Custom Shaped Clear West Cedar	18.38	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0156	LF	1-1/2" x 4-1/2" Custom Shaped Clear West Cedar	21.94	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0157	LF	1-1/2" x 5-1/2" Custom Shaped Clear West Cedar	25.52	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0158	LF	1-1/2" x 6-1/2" Custom Shaped Clear West Cedar	29.32	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0159	LF	3-1/2" x 3-1/2" Custom Shaped Clear West Cedar	35.45	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0160	LF	3-1/2" x 4-1/2" Custom Shaped Clear West Cedar	43.30	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0161	LF	3-1/2" x 5-1/2" Custom Shaped Clear West Cedar	51.05	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0162	LF	3-1/2" x 6-1/2" Custom Shaped Clear West Cedar	59.02	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.30*	
06 46 36 00-0163	LF	3-1/2" x 7-1/2" Custom Shaped Clear West Cedar	66.77	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.32*	
06 46 36 00-0164	LF	3-1/2" x 8-1/2" Custom Shaped Clear West Cedar	74.61	1.84
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.38*	
06 46 36 00-0165	LF	3-1/2" x 9-1/2" Custom Shaped Clear West Cedar	82.35	1.84
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.40*	
06 46 36 00-0166	LF	3-1/2" x 10-1/2" Custom Shaped Clear West Cedar	90.09	1.84
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.43*	
06 46 36 00-0167	LF	3-1/2" x 11-1/2" Custom Shaped Clear West Cedar	98.07	1.95
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.51*	

06 46 36 00-0168 Cherry *(06 46 36)*

06 46 36 00-0169	LF	3/4" x 1-1/2" Custom Shaped Cherry	8.72	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0170	LF	3/4" x 2-1/2" Custom Shaped Cherry	11.19	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0171	LF	3/4" x 3-1/2" Custom Shaped Cherry	13.66	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0172	LF	3/4" x 4-1/2" Custom Shaped Cherry	16.12	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0173	LF	3/4" x 5-1/2" Custom Shaped Cherry	18.71	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0174	LF	3/4" x 6-1/2" Custom Shaped Cherry	21.31	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0175	LF	3/4" x 7-1/2" Custom Shaped Cherry	23.75	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0176	LF	3/4" x 8-1/2" Custom Shaped Cherry	26.24	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	
06 46 36 00-0177	LF	3/4" x 9-1/2" Custom Shaped Cherry	28.64	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0178	LF	3/4" x 10-1/2" Custom Shaped Cherry	31.27	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.28*	
06 46 36 00-0179	LF	3/4" x 11-1/2" Custom Shaped Cherry	33.79	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.32*	
06 46 36 00-0180	LF	1" x 1-1/2" Custom Shaped Cherry	10.37	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0181	LF	1" x 2-1/2" Custom Shaped Cherry	13.59	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0182	LF	1" x 3-1/2" Custom Shaped Cherry	16.82	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0183	LF	1" x 4-1/2" Custom Shaped Cherry	20.05	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0184	LF	1" x 5-1/2" Custom Shaped Cherry	23.40	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0185	LF	1" x 6-1/2" Custom Shaped Cherry	26.76	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0186	LF	1" x 7-1/2" Custom Shaped Cherry	29.97	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0187	LF	1" x 8-1/2" Custom Shaped Cherry	33.27	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.23*	
06 46 36 00-0188	LF	1" x 9-1/2" Custom Shaped Cherry	36.39	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.24*	
06 46 36 00-0189	LF	1" x 10-1/2" Custom Shaped Cherry	39.78	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.31*	
06 46 36 00-0190	LF	1" x 11-1/2" Custom Shaped Cherry	43.06	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0191	LF	1-1/4" x 1-1/2" Custom Shaped Cherry	12.14	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0192	LF	1-1/4" x 2-1/2" Custom Shaped Cherry	16.23	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0193	LF	1-1/4" x 3-1/2" Custom Shaped Cherry	20.27	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0194	LF	1-1/4" x 4-1/2" Custom Shaped Cherry	24.35	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0195	LF	1-1/4" x 5-1/2" Custom Shaped Cherry	28.52	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0196	LF	1-1/4" x 6-1/2" Custom Shaped Cherry	32.74	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0197	LF	1-1/4" x 7-1/2" Custom Shaped Cherry	36.76	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0198	LF	1-1/4" x 8-1/2" Custom Shaped Cherry	40.87	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.26*	
06 46 36 00-0199	LF	1-1/4" x 9-1/2" Custom Shaped Cherry	44.84	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.27*	
06 46 36 00-0200	LF	1-1/4" x 10-1/2" Custom Shaped Cherry	49.09	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.34*	
06 46 36 00-0201	LF	1-1/4" x 11-1/2" Custom Shaped Cherry	53.18	1.84
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.38*	
06 46 36 00-0202	LF	1-1/2" x 1-1/2" Custom Shaped Cherry	15.46	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0203	LF	1-1/2" x 2-1/2" Custom Shaped Cherry	21.12	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0204	LF	1-1/2" x 3-1/2" Custom Shaped Cherry	26.77	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0205	LF	1-1/2" x 4-1/2" Custom Shaped Cherry	32.42	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0206	LF	1-1/2" x 5-1/2" Custom Shaped Cherry	38.10	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0207	LF	1-1/2" x 6-1/2" Custom Shaped Cherry	44.00	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0208	LF	1-1/2" x 7-1/2" Custom Shaped Cherry	49.64	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.24*	
06 46 36 00-0209	LF	1-1/2" x 8-1/2" Custom Shaped Cherry	55.34	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.28*	
06 46 36 00-0210	LF	1-1/2" x 9-1/2" Custom Shaped Cherry	60.94	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.30*	
06 46 36 00-0211	LF	1-1/2" x 10-1/2" Custom Shaped Cherry	66.84	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.36*	
06 46 36 00-0212	LF	1-1/2" x 11-1/2" Custom Shaped Cherry	72.45	1.84
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.40*	
06 46 36 00-0213		**Cypress** *(06 46 36)*		
06 46 36 00-0214	LF	3/4" x 1-1/2" Custom Shaped Cypress	6.72	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0215	LF	3/4" x 2-1/2" Custom Shaped Cypress	8.18	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0216	LF	3/4" x 3-1/2" Custom Shaped Cypress	9.66	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0217	LF	3/4" x 4-1/2" Custom Shaped Cypress	11.11	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0218	LF	3/4" x 5-1/2" Custom Shaped Cypress	12.71	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0219	LF	3/4" x 6-1/2" Custom Shaped Cypress	14.30	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0220	LF	3/4" x 7-1/2" Custom Shaped Cypress	16.13	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0221	LF	3/4" x 8-1/2" Custom Shaped Cypress	17.66	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	
06 46 36 00-0222	LF	3/4" x 9-1/2" Custom Shaped Cypress	20.54	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0223	LF	3/4" x 10-1/2" Custom Shaped Cypress	22.36	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.28*	
06 46 36 00-0224	LF	1" x 1-1/2" Custom Shaped Cypress	8.84	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0225	LF	1" x 2-1/2" Custom Shaped Cypress	11.26	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0226	LF	1" x 3-1/2" Custom Shaped Cypress	13.72	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0227	LF	1" x 4-1/2" Custom Shaped Cypress	16.19	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0228	LF	1" x 5-1/2" Custom Shaped Cypress	18.77	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0229	LF	1" x 6-1/2" Custom Shaped Cypress	21.32	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0230	LF	1" x 7-1/2" Custom Shaped Cypress	23.78	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0231	LF	1" x 8-1/2" Custom Shaped Cypress	26.26	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0232	LF	1" x 9-1/2" Custom Shaped Cypress	28.67	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.24*	
06 46 36 00-0233	LF	1" x 10-1/2" Custom Shaped Cypress	31.34	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.31*	
06 46 36 00-0234	LF	1" x 11-1/2" Custom Shaped Cypress	33.76	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.35*	
06 46 36 00-0235	LF	1-1/2" x 1-1/2" Custom Shaped Cypress	10.31	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0236	LF	1-1/2" x 2-1/2" Custom Shaped Cypress	13.40	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0237	LF	1-1/2" x 3-1/2" Custom Shaped Cypress	16.47	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0238	LF	1-1/2" x 4-1/2" Custom Shaped Cypress	19.56	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0239	LF	1-1/2" x 5-1/2" Custom Shaped Cypress	22.66	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0240	LF	1-1/2" x 6-1/2" Custom Shaped Cypress	25.99	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0241	LF	1-1/2" x 7-1/2" Custom Shaped Cypress	29.05	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.24*	
06 46 36 00-0242	LF	1-1/2" x 8-1/2" Custom Shaped Cypress	32.18	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.28*	
06 46 36 00-0243	LF	1-1/2" x 9-1/2" Custom Shaped Cypress	38.06	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.30*	
06 46 36 00-0244	LF	1-1/2" x 10-1/2" Custom Shaped Cypress	41.49	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.36*	

06 46 36 00-0245 Fir *(06 46 36)*

06 46 36 00-0246	LF	3/4" x 1-1/2" Custom Shaped Fir	7.48	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0247	LF	3/4" x 2-1/2" Custom Shaped Fir	9.33	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0248	LF	3/4" x 3-1/2" Custom Shaped Fir	11.18	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0249	LF	3/4" x 4-1/2" Custom Shaped Fir	13.02	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0250	LF	3/4" x 5-1/2" Custom Shaped Fir	15.00	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0251	LF	3/4" x 6-1/2" Custom Shaped Fir	16.97	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0252	LF	3/4" x 7-1/2" Custom Shaped Fir	18.80	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0253	LF	3/4" x 8-1/2" Custom Shaped Fir	20.66	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	
06 46 36 00-0254	LF	3/4" x 9-1/2" Custom Shaped Fir	22.45	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0255	LF	3/4" x 10-1/2" Custom Shaped Fir	24.45	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.28*	
06 46 36 00-0256	LF	1" x 1-1/2" Custom Shaped Fir	8.84	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0257	LF	1" x 2-1/2" Custom Shaped Fir	11.26	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0258	LF	1" x 3-1/2" Custom Shaped Fir	13.72	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0259	LF	1" x 4-1/2" Custom Shaped Fir	16.19	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0260	LF	1" x 5-1/2" Custom Shaped Fir	18.77	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0261	LF	1" x 6-1/2" Custom Shaped Fir	21.32	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0262	LF	1" x 7-1/2" Custom Shaped Fir	23.78	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0263	LF	1" x 8-1/2" Custom Shaped Fir	26.26	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.23*	
06 46 36 00-0264	LF	1" x 9-1/2" Custom Shaped Fir	28.67	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.24*	
06 46 36 00-0265	LF	1" x 10-1/2" Custom Shaped Fir	31.34	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.31*	
06 46 36 00-0266	LF	1" x 11-1/2" Custom Shaped Fir	33.76	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.35*	
06 46 36 00-0267	LF	1-1/4" x 1-1/2" Custom Shaped Fir	9.86	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0268	LF	1-1/4" x 2-1/2" Custom Shaped Fir	12.80	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0269	LF	1-1/4" x 3-1/2" Custom Shaped Fir	15.69	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0270	LF	1-1/4" x 4-1/2" Custom Shaped Fir	18.63	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0271	LF	1-1/4" x 5-1/2" Custom Shaped Fir	21.66	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0272	LF	1-1/4" x 6-1/2" Custom Shaped Fir	24.73	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0273	LF	1-1/4" x 7-1/2" Custom Shaped Fir	27.61	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0274	LF	1-1/4" x 8-1/2" Custom Shaped Fir	30.58	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.26*	
06 46 36 00-0275	LF	1-1/4" x 9-1/2" Custom Shaped Fir	33.40	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.27*	
06 46 36 00-0276	LF	1-1/4" x 10-1/2" Custom Shaped Fir	36.50	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.34*	
06 46 36 00-0277	LF	1-1/4" x 11-1/2" Custom Shaped Fir	39.45	1.84
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.38*	
06 46 36 00-0278	LF	1-1/2" x 1-1/2" Custom Shaped Fir	11.26	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0279	LF	1-1/2" x 2-1/2" Custom Shaped Fir	14.83	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0280	LF	1-1/2" x 3-1/2" Custom Shaped Fir	18.38	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0281	LF	1-1/2" x 4-1/2" Custom Shaped Fir	21.94	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0282	LF	1-1/2" x 5-1/2" Custom Shaped Fir	25.52	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0283	LF	1-1/2" x 6-1/2" Custom Shaped Fir	29.32	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0284	LF	1-1/2" x 7-1/2" Custom Shaped Fir	32.86	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.24*	
06 46 36 00-0285	LF	1-1/2" x 8-1/2" Custom Shaped Fir	36.46	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.28*	
06 46 36 00-0286	LF	1-1/2" x 9-1/2" Custom Shaped Fir	39.97	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.30*	
06 46 36 00-0287	LF	1-1/2" x 10-1/2" Custom Shaped Fir	43.68	1.84
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.36*	
06 46 36 00-0288	LF	1-1/2" x 11-1/2" Custom Shaped Fir	47.28	1.84
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.40*	
06 46 36 00-0289	LF	2-1/2" x 1-1/2" Custom Shaped Fir	18.33	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0290	LF	2-1/2" x 2-1/2" Custom Shaped Fir	25.31	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0291	LF	2-1/2" x 3-1/2" Custom Shaped Fir	32.29	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0292	LF	2-1/2" x 4-1/2" Custom Shaped Fir	39.38	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.16*	
06 46 36 00-0293	LF	2-1/2" x 5-1/2" Custom Shaped Fir	46.36	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0294	LF	2-1/2" x 6-1/2" Custom Shaped Fir	53.56	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.27*	
06 46 36 00-0295	LF	2-1/2" x 7-1/2" Custom Shaped Fir	60.55	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.30*	
06 46 36 00-0296	LF	2-1/2" x 8-1/2" Custom Shaped Fir	67.74	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.35*	
06 46 36 00-0297	LF	2-1/2" x 9-1/2" Custom Shaped Fir	74.61	1.84
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.38*	
06 46 36 00-0298	LF	2-1/2" x 10-1/2" Custom Shaped Fir	81.60	1.84
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.40*	
06 46 36 00-0299	LF	3-1/2" x 3-1/2" Custom Shaped Fir	40.12	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0300	LF	3-1/2" x 4-1/2" Custom Shaped Fir	49.02	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0301	LF	3-1/2" x 5-1/2" Custom Shaped Fir	57.91	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0302	LF	3-1/2" x 6-1/2" Custom Shaped Fir	67.03	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.30*	
06 46 36 00-0303	LF	3-1/2" x 7-1/2" Custom Shaped Fir	75.92	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.32*	
06 46 36 00-0304	LF	3-1/2" x 8-1/2" Custom Shaped Fir	84.91	1.84
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.38*	
06 46 36 00-0305	LF	3-1/2" x 9-1/2" Custom Shaped Fir	93.79	1.84
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.40*	
06 46 36 00-0306	LF	3-1/2" x 10-1/2" Custom Shaped Fir	102.68	1.84
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.43*	

06 46 36 00-0307 Honduran Mahogany *(06 46 36)*

06 46 36 00-0308	LF	3/4" x 1-1/2" Custom Shaped Honduras Mahogany	9.29	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0309	LF	3/4" x 2-1/2" Custom Shaped Honduras Mahogany	12.04	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0310	LF	3/4" x 3-1/2" Custom Shaped Honduras Mahogany	14.81	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0311	LF	3/4" x 4-1/2" Custom Shaped Honduras Mahogany	17.55	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0312	LF	3/4" x 5-1/2" Custom Shaped Honduras Mahogany	20.43	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0313	LF	3/4" x 6-1/2" Custom Shaped Honduras Mahogany	23.31	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0314	LF	3/4" x 7-1/2" Custom Shaped Honduras Mahogany	26.04	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0315	LF	3/4" x 8-1/2" Custom Shaped Honduras Mahogany	28.81	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	
06 46 36 00-0316	LF	3/4" x 9-1/2" Custom Shaped Honduras Mahogany	31.50	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0317	LF	3/4" x 10-1/2" Custom Shaped Honduras Mahogany	34.42	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.28*	
06 46 36 00-0318	LF	3/4" x 11-1/2" Custom Shaped Honduras Mahogany	37.22	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.32*	
06 46 36 00-0319	LF	1" x 1-1/2" Custom Shaped Honduras Mahogany	11.22	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0320	LF	1" x 2-1/2" Custom Shaped Honduras Mahogany	14.83	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0321	LF	1" x 3-1/2" Custom Shaped Honduras Mahogany	18.49	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0322	LF	1" x 4-1/2" Custom Shaped Honduras Mahogany	22.15	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0323	LF	1" x 5-1/2" Custom Shaped Honduras Mahogany	25.92	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0324	LF	1" x 6-1/2" Custom Shaped Honduras Mahogany	29.66	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0325	LF	1" x 7-1/2" Custom Shaped Honduras Mahogany	33.31	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0326	LF	1" x 8-1/2" Custom Shaped Honduras Mahogany	36.99	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.23*	
06 46 36 00-0327	LF	1" x 9-1/2" Custom Shaped Honduras Mahogany	40.58	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.24*	
06 46 36 00-0328	LF	1" x 10-1/2" Custom Shaped Honduras Mahogany	44.35	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.31*	
06 46 36 00-0329	LF	1" x 11-1/2" Custom Shaped Honduras Mahogany	48.54	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.35*	
06 46 36 00-0330	LF	1-1/4" x 1-1/2" Custom Shaped Honduras Mahogany	12.72	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0331	LF	1-1/4" x 2-1/2" Custom Shaped Honduras Mahogany	17.09	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0332	LF	1-1/4" x 3-1/2" Custom Shaped Honduras Mahogany	21.41	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0333	LF	1-1/4" x 4-1/2" Custom Shaped Honduras Mahogany	25.78	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0334	LF	1-1/4" x 5-1/2" Custom Shaped Honduras Mahogany	30.24	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0335	LF	1-1/4" x 6-1/2" Custom Shaped Honduras Mahogany	34.74	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0336	LF	1-1/4" x 7-1/2" Custom Shaped Honduras Mahogany	39.04	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0337	LF	1-1/4" x 8-1/2" Custom Shaped Honduras Mahogany	43.45	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.26*	
06 46 36 00-0338	LF	1-1/4" x 9-1/2" Custom Shaped Honduras Mahogany	46.75	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.27*	
06 46 36 00-0339	LF	1-1/4" x 10-1/2" Custom Shaped Honduras Mahogany	52.23	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.34*	
06 46 36 00-0340	LF	1-1/4" x 11-1/2" Custom Shaped Honduras Mahogany	56.61	1.84
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.38*	
06 46 36 00-0341	LF	1-1/2" x 1-1/2" Custom Shaped Honduras Mahogany	15.65	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0342	LF	1-1/2" x 2-1/2" Custom Shaped Honduras Mahogany	21.40	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0343	LF	1-1/2" x 3-1/2" Custom Shaped Honduras Mahogany	27.15	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0344	LF	1-1/2" x 4-1/2" Custom Shaped Honduras Mahogany	32.90	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0345	LF	1-1/2" x 5-1/2" Custom Shaped Honduras Mahogany	38.67	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0346	LF	1-1/2" x 6-1/2" Custom Shaped Honduras Mahogany	44.67	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0347	LF	1-1/2" x 7-1/2" Custom Shaped Honduras Mahogany	50.40	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.24*	
06 46 36 00-0348	LF	1-1/2" x 8-1/2" Custom Shaped Honduras Mahogany	56.20	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.28*	
06 46 36 00-0349	LF	1-1/2" x 9-1/2" Custom Shaped Honduras Mahogany	61.89	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.30*	
06 46 36 00-0350	LF	1-1/2" x 10-1/2" Custom Shaped Honduras Mahogany	67.80	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.36*	
06 46 36 00-0351	LF	1-1/2" x 11-1/2" Custom Shaped Honduras Mahogany	73.68	1.84
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.40*	
06 46 36 00-0352	LF	2" x 1-1/2" Custom Shaped Honduras Mahogany	18.55	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0353	LF	2" x 2-1/2" Custom Shaped Honduras Mahogany	25.72	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0354	LF	2" x 3-1/2" Custom Shaped Honduras Mahogany	32.84	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0355	LF	2" x 4-1/2" Custom Shaped Honduras Mahogany	40.11	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0356	LF	2" x 5-1/2" Custom Shaped Honduras Mahogany	47.25	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0357	LF	2" x 6-1/2" Custom Shaped Honduras Mahogany	54.63	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.24*	
06 46 36 00-0358	LF	2" x 7-1/2" Custom Shaped Honduras Mahogany	61.76	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.27*	
06 46 36 00-0359	LF	2" x 8-1/2" Custom Shaped Honduras Mahogany	69.05	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.32*	
06 46 36 00-0360	LF	2" x 9-1/2" Custom Shaped Honduras Mahogany	76.16	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.35*	
06 46 36 00-0361	LF	2" x 10-1/2" Custom Shaped Honduras Mahogany	83.34	1.84
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.38*	
06 46 36 00-0362	LF	2" x 11-1/2" Custom Shaped Honduras Mahogany	90.69	1.95
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.46*	
06 46 36 00-0363	LF	2-1/2" x 1-1/2" Custom Shaped Honduras Mahogany	22.71	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0364	LF	2-1/2" x 2-1/2" Custom Shaped Honduras Mahogany	30.46	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0365	LF	2-1/2" x 3-1/2" Custom Shaped Honduras Mahogany	39.16	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0366	LF	2-1/2" x 4-1/2" Custom Shaped Honduras Mahogany	47.96	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.16*	
06 46 36 00-0367	LF	2-1/2" x 5-1/2" Custom Shaped Honduras Mahogany	56.65	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0368	LF	2-1/2" x 6-1/2" Custom Shaped Honduras Mahogany	65.57	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.27*	
06 46 36 00-0369	LF	2-1/2" x 7-1/2" Custom Shaped Honduras Mahogany	74.27	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.30*	
06 46 36 00-0370	LF	2-1/2" x 8-1/2" Custom Shaped Honduras Mahogany	83.08	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.35*	
06 46 36 00-0371	LF	2-1/2" x 9-1/2" Custom Shaped Honduras Mahogany	91.77	1.84
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.38*	
06 46 36 00-0372	LF	2-1/2" x 10-1/2" Custom Shaped Honduras Mahogany	100.47	1.84
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.40*	
06 46 36 00-0373	LF	2-1/2" x 11-1/2" Custom Shaped Honduras Mahogany	109.40	1.95
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.48*	
06 46 36 00-0374	LF	3-1/2" x 3-1/2" Custom Shaped Honduras Mahogany	52.99	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0375	LF	3-1/2" x 4-1/2" Custom Shaped Honduras Mahogany	65.22	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0376	LF	3-1/2" x 5-1/2" Custom Shaped Honduras Mahogany	77.35	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0377	LF	3-1/2" x 6-1/2" Custom Shaped Honduras Mahogany	89.72	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.30*	
06 46 36 00-0378	LF	3-1/2" x 7-1/2" Custom Shaped Honduras Mahogany	101.85	1.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.32*	
06 46 36 00-0379	LF	3-1/2" x 8-1/2" Custom Shaped Honduras Mahogany	114.08	1.84
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.38*	
06 46 36 00-0380	LF	3-1/2" x 9-1/2" Custom Shaped Honduras Mahogany	126.20	1.84
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.40*	
06 46 36 00-0381	LF	3-1/2" x 10-1/2" Custom Shaped Honduras Mahogany	138.33	1.84
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.43*	
06 46 36 00-0382	LF	3-1/2" x 11-1/2" Custom Shaped Honduras Mahogany	150.69	1.95
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.51*	

06 46 36 00-0383 Maple *(06 46 36)*

06 46 36 00-0384	LF	3/4" x 1-1/2" Custom Shaped Maple	7.10	1.27
06 46 36 00-0385	LF	3/4" x 2-1/2" Custom Shaped Maple	8.76	1.27
06 46 36 00-0386	LF	3/4" x 3-1/2" Custom Shaped Maple	10.42	1.27
06 46 36 00-0387	LF	3/4" x 4-1/2" Custom Shaped Maple	12.07	1.38
06 46 36 00-0388	LF	3/4" x 5-1/2" Custom Shaped Maple	13.85	1.38
06 46 36 00-0389	LF	3/4" x 6-1/2" Custom Shaped Maple	15.64	1.50
06 46 36 00-0390	LF	3/4" x 7-1/2" Custom Shaped Maple	17.27	1.50
06 46 36 00-0391	LF	3/4" x 8-1/2" Custom Shaped Maple	18.95	1.50
06 46 36 00-0392	LF	3/4" x 9-1/2" Custom Shaped Maple	20.54	1.61
06 46 36 00-0393	LF	3/4" x 10-1/2" Custom Shaped Maple	22.36	1.72
06 46 36 00-0394	LF	3/4" x 11-1/2" Custom Shaped Maple	24.06	1.72
06 46 36 00-0395	LF	1" x 1-1/2" Custom Shaped Maple	8.36	1.27
06 46 36 00-0396	LF	1" x 2-1/2" Custom Shaped Maple	10.54	1.27
06 46 36 00-0397	LF	1" x 3-1/2" Custom Shaped Maple	12.77	1.38
06 46 36 00-0398	LF	1" x 4-1/2" Custom Shaped Maple	15.00	1.38
06 46 36 00-0399	LF	1" x 5-1/2" Custom Shaped Maple	17.35	1.50
06 46 36 00-0400	LF	1" x 6-1/2" Custom Shaped Maple	19.65	1.50
06 46 36 00-0401	LF	1" x 7-1/2" Custom Shaped Maple	21.87	1.50
06 46 36 00-0402	LF	1" x 8-1/2" Custom Shaped Maple	24.12	1.61
06 46 36 00-0403	LF	1" x 9-1/2" Custom Shaped Maple	26.29	1.61
06 46 36 00-0404	LF	1" x 10-1/2" Custom Shaped Maple	27.67	1.72
06 46 36 00-0405	LF	1" x 11-1/2" Custom Shaped Maple	30.90	1.72
06 46 36 00-0406	LF	1-1/4" x 1-1/2" Custom Shaped Maple	9.43	1.27
06 46 36 00-0407	LF	1-1/4" x 2-1/2" Custom Shaped Maple	12.13	1.27
06 46 36 00-0408	LF	1-1/4" x 3-1/2" Custom Shaped Maple	14.84	1.38
06 46 36 00-0409	LF	1-1/4" x 4-1/2" Custom Shaped Maple	17.54	1.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0410	LF	1-1/4" x 5-1/2" Custom Shaped Maple	20.37	1.50
06 46 36 00-0411	LF	1-1/4" x 6-1/2" Custom Shaped Maple	23.21	1.50
06 46 36 00-0412	LF	1-1/4" x 7-1/2" Custom Shaped Maple	25.89	1.61
06 46 36 00-0413	LF	1-1/4" x 8-1/2" Custom Shaped Maple	28.62	1.61
06 46 36 00-0414	LF	1-1/4" x 9-1/2" Custom Shaped Maple	31.26	1.61
06 46 36 00-0415	LF	1-1/4" x 10-1/2" Custom Shaped Maple	34.12	1.72
06 46 36 00-0416	LF	1-1/4" x 11-1/2" Custom Shaped Maple	36.87	1.84
06 46 36 00-0417	LF	1-1/2" x 1-1/2" Custom Shaped Maple	11.64	1.27
06 46 36 00-0418	LF	1-1/2" x 2-1/2" Custom Shaped Maple	15.40	1.38
06 46 36 00-0419	LF	1-1/2" x 3-1/2" Custom Shaped Maple	19.14	1.38
06 46 36 00-0420	LF	1-1/2" x 4-1/2" Custom Shaped Maple	22.89	1.50
06 46 36 00-0421	LF	1-1/2" x 5-1/2" Custom Shaped Maple	26.66	1.50
06 46 36 00-0422	LF	1-1/2" x 6-1/2" Custom Shaped Maple	30.66	1.61
06 46 36 00-0423	LF	1-1/2" x 7-1/2" Custom Shaped Maple	34.39	1.61
06 46 36 00-0424	LF	1-1/2" x 8-1/2" Custom Shaped Maple	38.66	1.72
06 46 36 00-0425	LF	1-1/2" x 9-1/2" Custom Shaped Maple	41.87	1.72
06 46 36 00-0426	LF	1-1/2" x 10-1/2" Custom Shaped Maple	45.87	1.84
06 46 36 00-0427	LF	1-1/2" x 11-1/2" Custom Shaped Maple	49.57	1.84
06 46 36 00-0428	LF	2" x 1-1/2" Custom Shaped Maple	15.21	1.38
06 46 36 00-0429	LF	2" x 2-1/2" Custom Shaped Maple	20.72	1.38
06 46 36 00-0430	LF	2" x 3-1/2" Custom Shaped Maple	26.17	1.38
06 46 36 00-0431	LF	2" x 4-1/2" Custom Shaped Maple	31.77	1.50
06 46 36 00-0432	LF	2" x 5-1/2" Custom Shaped Maple	37.24	1.50
06 46 36 00-0433	LF	2" x 6-1/2" Custom Shaped Maple	42.96	1.61
06 46 36 00-0434	LF	2" x 7-1/2" Custom Shaped Maple	48.42	1.61
06 46 36 00-0435	LF	2" x 8-1/2" Custom Shaped Maple	54.03	1.72
06 46 36 00-0436	LF	2" x 9-1/2" Custom Shaped Maple	59.48	1.72
06 46 36 00-0437	LF	2" x 10-1/2" Custom Shaped Maple	64.99	1.84
06 46 36 00-0438	LF	2" x 11-1/2" Custom Shaped Maple	71.15	1.95
06 46 36 00-0439	LF	3-1/2" x 3-1/2" Custom Shaped Maple	56.81	1.50
06 46 36 00-0440	LF	3-1/2" x 4-1/2" Custom Shaped Maple	69.99	1.50
06 46 36 00-0441	LF	3-1/2" x 5-1/2" Custom Shaped Maple	83.07	1.61
06 46 36 00-0442	LF	3-1/2" x 6-1/2" Custom Shaped Maple	96.39	1.72
06 46 36 00-0443	LF	3-1/2" x 7-1/2" Custom Shaped Maple	109.47	1.72
06 46 36 00-0444	LF	3-1/2" x 8-1/2" Custom Shaped Maple	122.66	1.84
06 46 36 00-0445	LF	3-1/2" x 9-1/2" Custom Shaped Maple	135.73	1.84
06 46 36 00-0446	LF	3-1/2" x 10-1/2" Custom Shaped Maple	148.81	1.84
06 46 36 00-0447	LF	3-1/2" x 11-1/2" Custom Shaped Maple	162.13	1.95
06 46 36 00-0448		**Appl Soft Maple** *(06 46 36)*		
06 46 36 00-0449	LF	3/4" x 1-1/2" Custom Shaped Appl Soft Maple	7.20	1.27
06 46 36 00-0450	LF	3/4" x 2-1/2" Custom Shaped Appl Soft Maple	8.90	1.27
06 46 36 00-0451	LF	3/4" x 3-1/2" Custom Shaped Appl Soft Maple	10.61	1.27
06 46 36 00-0452	LF	3/4" x 4-1/2" Custom Shaped Appl Soft Maple	12.30	1.38
06 46 36 00-0453	LF	3/4" x 5-1/2" Custom Shaped Appl Soft Maple	14.14	1.38
06 46 36 00-0454	LF	3/4" x 6-1/2" Custom Shaped Appl Soft Maple	15.97	1.50
06 46 36 00-0455	LF	3/4" x 7-1/2" Custom Shaped Appl Soft Maple	17.65	1.50
06 46 36 00-0456	LF	3/4" x 8-1/2" Custom Shaped Appl Soft Maple	19.38	1.50
06 46 36 00-0457	LF	3/4" x 9-1/2" Custom Shaped Appl Soft Maple	21.02	1.61
06 46 36 00-0458	LF	3/4" x 10-1/2" Custom Shaped Appl Soft Maple	22.88	1.72
06 46 36 00-0459	LF	3/4" x 11-1/2" Custom Shaped Appl Soft Maple	24.63	1.72
06 46 36 00-0460	LF	1" x 1-1/2" Custom Shaped Appl Soft Maple	8.13	1.27
06 46 36 00-0461	LF	1" x 2-1/2" Custom Shaped Appl Soft Maple	10.21	1.27
06 46 36 00-0462	LF	1" x 3-1/2" Custom Shaped Appl Soft Maple	12.29	1.38
06 46 36 00-0463	LF	1" x 4-1/2" Custom Shaped Appl Soft Maple	14.33	1.38
06 46 36 00-0464	LF	1" x 5-1/2" Custom Shaped Appl Soft Maple	16.63	1.50
06 46 36 00-0465	LF	1" x 6-1/2" Custom Shaped Appl Soft Maple	18.84	1.50
06 46 36 00-0466	LF	1" x 7-1/2" Custom Shaped Appl Soft Maple	20.92	1.50
06 46 36 00-0467	LF	1" x 8-1/2" Custom Shaped Appl Soft Maple	23.02	1.61
06 46 36 00-0468	LF	1" x 9-1/2" Custom Shaped Appl Soft Maple	25.09	1.61
06 46 36 00-0469	LF	1" x 10-1/2" Custom Shaped Appl Soft Maple	27.34	1.72
06 46 36 00-0470	LF	1" x 11-1/2" Custom Shaped Appl Soft Maple	29.47	1.72
06 46 36 00-0471	LF	1-1/4" x 1-1/2" Custom Shaped Appl Soft Maple	9.00	1.27
06 46 36 00-0472	LF	1-1/4" x 2-1/2" Custom Shaped Appl Soft Maple	11.51	1.27
06 46 36 00-0473	LF	1-1/4" x 3-1/2" Custom Shaped Appl Soft Maple	13.98	1.38
06 46 36 00-0474	LF	1-1/4" x 4-1/2" Custom Shaped Appl Soft Maple	16.49	1.38
06 46 36 00-0475	LF	1-1/4" x 5-1/2" Custom Shaped Appl Soft Maple	19.09	1.50
06 46 36 00-0476	LF	1-1/4" x 6-1/2" Custom Shaped Appl Soft Maple	21.73	1.50
06 46 36 00-0477	LF	1-1/4" x 7-1/2" Custom Shaped Appl Soft Maple	24.17	1.61
06 46 36 00-0478	LF	1-1/4" x 8-1/2" Custom Shaped Appl Soft Maple	26.72	1.61
06 46 36 00-0479	LF	1-1/4" x 9-1/2" Custom Shaped Appl Soft Maple	29.11	1.61
06 46 36 00-0480	LF	1-1/4" x 10-1/2" Custom Shaped Appl Soft Maple	31.79	1.72
06 46 36 00-0481	LF	1-1/4" x 11-1/2" Custom Shaped Appl Soft Maple	34.30	1.84
06 46 36 00-0482	LF	1-1/2" x 1-1/2" Custom Shaped Appl Soft Maple	10.69	1.27
06 46 36 00-0483	LF	1-1/2" x 2-1/2" Custom Shaped Appl Soft Maple	13.97	1.38
06 46 36 00-0484	LF	1-1/2" x 3-1/2" Custom Shaped Appl Soft Maple	17.23	1.38
06 46 36 00-0485	LF	1-1/2" x 4-1/2" Custom Shaped Appl Soft Maple	20.51	1.50
06 46 36 00-0486	LF	1-1/2" x 5-1/2" Custom Shaped Appl Soft Maple	23.80	1.50
06 46 36 00-0487	LF	1-1/2" x 6-1/2" Custom Shaped Appl Soft Maple	27.32	1.61
06 46 36 00-0488	LF	1-1/2" x 7-1/2" Custom Shaped Appl Soft Maple	30.58	1.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0489	LF	1-1/2" x 8-1/2" Custom Shaped Appl Soft Maple	33.89	1.72
06 46 36 00-0490	LF	1-1/2" x 9-1/2" Custom Shaped Appl Soft Maple	37.11	1.72
06 46 36 00-0491	LF	1-1/2" x 10-1/2" Custom Shaped Appl Soft Maple	40.53	1.84
06 46 36 00-0492	LF	1-1/2" x 11-1/2" Custom Shaped Appl Soft Maple	43.85	1.84
06 46 36 00-0493		**Red Oak** *(06 46 36)*		
06 46 36 00-0494	LF	3/4" x 1-1/2" Custom Shaped Red Oak	7.67	1.27
06 46 36 00-0495	LF	3/4" x 2-1/2" Custom Shaped Red Oak	9.61	1.27
06 46 36 00-0496	LF	3/4" x 3-1/2" Custom Shaped Red Oak	11.56	1.27
06 46 36 00-0497	LF	3/4" x 4-1/2" Custom Shaped Red Oak	13.50	1.38
06 46 36 00-0498	LF	3/4" x 5-1/2" Custom Shaped Red Oak	15.57	1.38
06 46 36 00-0499	LF	3/4" x 6-1/2" Custom Shaped Red Oak	17.64	1.50
06 46 36 00-0500	LF	3/4" x 7-1/2" Custom Shaped Red Oak	19.56	1.50
06 46 36 00-0501	LF	3/4" x 8-1/2" Custom Shaped Red Oak	21.52	1.50
06 46 36 00-0502	LF	3/4" x 9-1/2" Custom Shaped Red Oak	23.40	1.61
06 46 36 00-0503	LF	3/4" x 10-1/2" Custom Shaped Red Oak	25.50	1.72
06 46 36 00-0504	LF	3/4" x 11-1/2" Custom Shaped Red Oak	27.49	1.72
06 46 36 00-0505	LF	1" x 1-1/2" Custom Shaped Red Oak	9.17	1.27
06 46 36 00-0506	LF	1" x 2-1/2" Custom Shaped Red Oak	11.83	1.27
06 46 36 00-0507	LF	1" x 3-1/2" Custom Shaped Red Oak	14.44	1.38
06 46 36 00-0508	LF	1" x 4-1/2" Custom Shaped Red Oak	18.05	1.38
06 46 36 00-0509	LF	1" x 5-1/2" Custom Shaped Red Oak	19.82	1.50
06 46 36 00-0510	LF	1" x 6-1/2" Custom Shaped Red Oak	22.61	1.50
06 46 36 00-0511	LF	1" x 7-1/2" Custom Shaped Red Oak	25.21	1.50
06 46 36 00-0512	LF	1" x 8-1/2" Custom Shaped Red Oak	27.84	1.61
06 46 36 00-0513	LF	1" x 9-1/2" Custom Shaped Red Oak	30.43	1.61
06 46 36 00-0514	LF	1" x 10-1/2" Custom Shaped Red Oak	33.25	1.72
06 46 36 00-0515	LF	1" x 11-1/2" Custom Shaped Red Oak	35.91	1.72
06 46 36 00-0516	LF	1-1/4" x 1-1/2" Custom Shaped Red Oak	11.29	1.27
06 46 36 00-0517	LF	1-1/4" x 2-1/2" Custom Shaped Red Oak	14.94	1.27
06 46 36 00-0518	LF	1-1/4" x 3-1/2" Custom Shaped Red Oak	18.55	1.38
06 46 36 00-0519	LF	1-1/4" x 4-1/2" Custom Shaped Red Oak	22.21	1.38
06 46 36 00-0520	LF	1-1/4" x 5-1/2" Custom Shaped Red Oak	25.95	1.50
06 46 36 00-0521	LF	1-1/4" x 6-1/2" Custom Shaped Red Oak	29.74	1.50
06 46 36 00-0522	LF	1-1/4" x 7-1/2" Custom Shaped Red Oak	33.33	1.61
06 46 36 00-0523	LF	1-1/4" x 8-1/2" Custom Shaped Red Oak	37.01	1.61
06 46 36 00-0524	LF	1-1/4" x 9-1/2" Custom Shaped Red Oak	40.55	1.61
06 46 36 00-0525	LF	1-1/4" x 10-1/2" Custom Shaped Red Oak	44.37	1.72
06 46 36 00-0526	LF	1-1/4" x 11-1/2" Custom Shaped Red Oak	48.03	1.84
06 46 36 00-0527	LF	1-1/2" x 1-1/2" Custom Shaped Red Oak	15.65	1.27
06 46 36 00-0528	LF	1-1/2" x 2-1/2" Custom Shaped Red Oak	21.40	1.38
06 46 36 00-0529	LF	1-1/2" x 3-1/2" Custom Shaped Red Oak	27.15	1.38
06 46 36 00-0530	LF	1-1/2" x 4-1/2" Custom Shaped Red Oak	32.90	1.38
06 46 36 00-0531	LF	1-1/2" x 5-1/2" Custom Shaped Red Oak	38.67	1.50
06 46 36 00-0532	LF	1-1/2" x 6-1/2" Custom Shaped Red Oak	44.76	1.61
06 46 36 00-0533	LF	1-1/2" x 7-1/2" Custom Shaped Red Oak	50.40	1.61
06 46 36 00-0534	LF	1-1/2" x 8-1/2" Custom Shaped Red Oak	57.15	1.72
06 46 36 00-0535	LF	1-1/2" x 9-1/2" Custom Shaped Red Oak	61.89	1.72
06 46 36 00-0536	LF	1-1/2" x 10-1/2" Custom Shaped Red Oak	67.80	1.72
06 46 36 00-0537	LF	1-1/2" x 11-1/2" Custom Shaped Red Oak	73.59	1.84
06 46 36 00-0538	LF	2" x 1-1/2" Custom Shaped Red Oak	23.79	1.38
06 46 36 00-0539	LF	2" x 2-1/2" Custom Shaped Red Oak	33.59	1.38
06 46 36 00-0540	LF	2" x 3-1/2" Custom Shaped Red Oak	43.33	1.38
06 46 36 00-0541	LF	2" x 4-1/2" Custom Shaped Red Oak	53.22	1.50
06 46 36 00-0542	LF	2" x 5-1/2" Custom Shaped Red Oak	62.98	1.50
06 46 36 00-0543	LF	2" x 6-1/2" Custom Shaped Red Oak	72.98	1.61
06 46 36 00-0544	LF	2" x 7-1/2" Custom Shaped Red Oak	82.73	1.61
06 46 36 00-0545	LF	2" x 8-1/2" Custom Shaped Red Oak	92.64	1.72
06 46 36 00-0546	LF	2" x 9-1/2" Custom Shaped Red Oak	102.38	1.72
06 46 36 00-0547	LF	2" x 10-1/2" Custom Shaped Red Oak	112.17	1.84
06 46 36 00-0548	LF	2" x 11-1/2" Custom Shaped Red Oak	122.15	1.95
06 46 36 00-0549		**White Oak** *(06 46 36)*		
06 46 36 00-0550	LF	3/4" x 1-1/2" Custom Shaped White Oak	7.77	1.27
06 46 36 00-0551	LF	3/4" x 2-1/2" Custom Shaped White Oak	9.76	1.27
06 46 36 00-0552	LF	3/4" x 3-1/2" Custom Shaped White Oak	11.76	1.27
06 46 36 00-0553	LF	3/4" x 4-1/2" Custom Shaped White Oak	13.73	1.38
06 46 36 00-0554	LF	3/4" x 5-1/2" Custom Shaped White Oak	15.85	1.38
06 46 36 00-0555	LF	3/4" x 6-1/2" Custom Shaped White Oak	17.97	1.50
06 46 36 00-0556	LF	3/4" x 7-1/2" Custom Shaped White Oak	19.94	1.50
06 46 36 00-0557	LF	3/4" x 8-1/2" Custom Shaped White Oak	21.95	1.50
06 46 36 00-0558	LF	3/4" x 9-1/2" Custom Shaped White Oak	23.88	1.61
06 46 36 00-0559	LF	3/4" x 10-1/2" Custom Shaped White Oak	26.03	1.72
06 46 36 00-0560	LF	3/4" x 11-1/2" Custom Shaped White Oak	28.07	1.72
06 46 36 00-0561	LF	1" x 1-1/2" Custom Shaped White Oak	9.17	1.27
06 46 36 00-0562	LF	1" x 2-1/2" Custom Shaped White Oak	11.83	1.27
06 46 36 00-0563	LF	1" x 3-1/2" Custom Shaped White Oak	14.44	1.38
06 46 36 00-0564	LF	1" x 4-1/2" Custom Shaped White Oak	18.05	1.38
06 46 36 00-0565	LF	1" x 5-1/2" Custom Shaped White Oak	19.82	1.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0566	LF	1" x 6-1/2" Custom Shaped White Oak	22.61	1.50
06 46 36 00-0567	LF	1" x 7-1/2" Custom Shaped White Oak	25.21	1.50
06 46 36 00-0568	LF	1" x 8-1/2" Custom Shaped White Oak	27.84	1.61
06 46 36 00-0569	LF	1" x 9-1/2" Custom Shaped White Oak	30.43	1.61
06 46 36 00-0570	LF	1" x 10-1/2" Custom Shaped White Oak	33.25	1.72
06 46 36 00-0571	LF	1" x 11-1/2" Custom Shaped White Oak	35.91	1.72
06 46 36 00-0572	LF	1-1/4" x 1-1/2" Custom Shaped White Oak	11.43	1.27
06 46 36 00-0573	LF	1-1/4" x 2-1/2" Custom Shaped White Oak	15.13	1.27
06 46 36 00-0574	LF	1-1/4" x 3-1/2" Custom Shaped White Oak	18.84	1.38
06 46 36 00-0575	LF	1-1/4" x 4-1/2" Custom Shaped White Oak	22.54	1.38
06 46 36 00-0576	LF	1-1/4" x 5-1/2" Custom Shaped White Oak	26.38	1.50
06 46 36 00-0577	LF	1-1/4" x 6-1/2" Custom Shaped White Oak	30.21	1.50
06 46 36 00-0578	LF	1-1/4" x 7-1/2" Custom Shaped White Oak	33.90	1.61
06 46 36 00-0579	LF	1-1/4" x 8-1/2" Custom Shaped White Oak	37.63	1.61
06 46 36 00-0580	LF	1-1/4" x 9-1/2" Custom Shaped White Oak	41.27	1.61
06 46 36 00-0581	LF	1-1/4" x 10-1/2" Custom Shaped White Oak	45.13	1.72
06 46 36 00-0582	LF	1-1/4" x 11-1/2" Custom Shaped White Oak	48.89	1.84
06 46 36 00-0583	LF	1-1/2" x 1-1/2" Custom Shaped White Oak	18.51	1.27
06 46 36 00-0584	LF	1-1/2" x 2-1/2" Custom Shaped White Oak	25.69	1.38
06 46 36 00-0585	LF	1-1/2" x 3-1/2" Custom Shaped White Oak	32.87	1.38
06 46 36 00-0586	LF	1-1/2" x 4-1/2" Custom Shaped White Oak	40.05	1.50
06 46 36 00-0587	LF	1-1/2" x 5-1/2" Custom Shaped White Oak	47.25	1.50
06 46 36 00-0588	LF	1-1/2" x 6-1/2" Custom Shaped White Oak	54.68	1.61
06 46 36 00-0589	LF	1-1/2" x 7-1/2" Custom Shaped White Oak	61.84	1.61
06 46 36 00-0590	LF	1-1/2" x 8-1/2" Custom Shaped White Oak	69.07	1.72
06 46 36 00-0591	LF	1-1/2" x 9-1/2" Custom Shaped White Oak	75.24	1.72
06 46 36 00-0592	LF	1-1/2" x 10-1/2" Custom Shaped White Oak	83.52	1.84
06 46 36 00-0593	LF	1-1/2" x 11-1/2" Custom Shaped White Oak	90.75	1.84

06 46 36 00-0594 White Pine *(06 46 36)*

06 46 36 00-0595	LF	3/4" x 1-1/2" Custom Shaped White Pine	8.63	1.27
06 46 36 00-0596	LF	3/4" x 2-1/2" Custom Shaped White Pine	11.04	1.27
06 46 36 00-0597	LF	3/4" x 3-1/2" Custom Shaped White Pine	13.47	1.27
06 46 36 00-0598	LF	3/4" x 4-1/2" Custom Shaped White Pine	15.88	1.38
06 46 36 00-0599	LF	3/4" x 5-1/2" Custom Shaped White Pine	18.43	1.38
06 46 36 00-0600	LF	3/4" x 6-1/2" Custom Shaped White Pine	20.97	1.50
06 46 36 00-0601	LF	3/4" x 7-1/2" Custom Shaped White Pine	23.37	1.50
06 46 36 00-0602	LF	3/4" x 8-1/2" Custom Shaped White Pine	25.81	1.50
06 46 36 00-0603	LF	3/4" x 9-1/2" Custom Shaped White Pine	29.60	1.61
06 46 36 00-0604	LF	3/4" x 10-1/2" Custom Shaped White Pine	32.32	1.72
06 46 36 00-0605	LF	1" x 1-1/2" Custom Shaped White Pine	9.65	1.27
06 46 36 00-0606	LF	1" x 2-1/2" Custom Shaped White Pine	12.55	1.27
06 46 36 00-0607	LF	1" x 3-1/2" Custom Shaped White Pine	15.39	1.38
06 46 36 00-0608	LF	1" x 4-1/2" Custom Shaped White Pine	18.29	1.38
06 46 36 00-0609	LF	1" x 5-1/2" Custom Shaped White Pine	21.25	1.50
06 46 36 00-0610	LF	1" x 6-1/2" Custom Shaped White Pine	24.28	1.50
06 46 36 00-0611	LF	1" x 7-1/2" Custom Shaped White Pine	27.11	1.50
06 46 36 00-0612	LF	1" x 8-1/2" Custom Shaped White Pine	30.03	1.61
06 46 36 00-0613	LF	1" x 9-1/2" Custom Shaped White Pine	32.82	1.61
06 46 36 00-0614	LF	1" x 10-1/2" Custom Shaped White Pine	35.87	1.72
06 46 36 00-0615	LF	1" x 11-1/2" Custom Shaped White Pine	38.77	1.72
06 46 36 00-0616	LF	1-1/4" x 1-1/2" Custom Shaped White Pine	10.86	1.27
06 46 36 00-0617	LF	1-1/4" x 2-1/2" Custom Shaped White Pine	14.28	1.27
06 46 36 00-0618	LF	1-1/4" x 3-1/2" Custom Shaped White Pine	17.79	1.38
06 46 36 00-0619	LF	1-1/4" x 4-1/2" Custom Shaped White Pine	21.11	1.38
06 46 36 00-0620	LF	1-1/4" x 5-1/2" Custom Shaped White Pine	24.66	1.50
06 46 36 00-0621	LF	1-1/4" x 6-1/2" Custom Shaped White Pine	28.21	1.50
06 46 36 00-0622	LF	1-1/4" x 7-1/2" Custom Shaped White Pine	31.61	1.61
06 46 36 00-0623	LF	1-1/4" x 8-1/2" Custom Shaped White Pine	35.06	1.61
06 46 36 00-0624	LF	1-1/4" x 9-1/2" Custom Shaped White Pine	38.41	1.61
06 46 36 00-0625	LF	1-1/4" x 10-1/2" Custom Shaped White Pine	41.99	1.72
06 46 36 00-0626	LF	1-1/4" x 11-1/2" Custom Shaped White Pine	45.45	1.84
06 46 36 00-0627	LF	1-1/2" x 1-1/2" Custom Shaped White Pine	13.55	1.27
06 46 36 00-0628	LF	1-1/2" x 2-1/2" Custom Shaped White Pine	18.26	1.38
06 46 36 00-0629	LF	1-1/2" x 3-1/2" Custom Shaped White Pine	22.95	1.38
06 46 36 00-0630	LF	1-1/2" x 4-1/2" Custom Shaped White Pine	27.66	1.50
06 46 36 00-0631	LF	1-1/2" x 5-1/2" Custom Shaped White Pine	32.38	1.50
06 46 36 00-0632	LF	1-1/2" x 6-1/2" Custom Shaped White Pine	37.33	1.61
06 46 36 00-0633	LF	1-1/2" x 7-1/2" Custom Shaped White Pine	42.01	1.61
06 46 36 00-0634	LF	1-1/2" x 8-1/2" Custom Shaped White Pine	46.76	1.72
06 46 36 00-0635	LF	1-1/2" x 9-1/2" Custom Shaped White Pine	52.36	1.72
06 46 36 00-0636	LF	1-1/2" x 10-1/2" Custom Shaped White Pine	56.26	1.84
06 46 36 00-0637	LF	1-1/2" x 11-1/2" Custom Shaped White Pine	61.01	1.84
06 46 36 00-0638	LF	2" x 1-1/2" Custom Shaped White Pine	20.69	1.38
06 46 36 00-0639	LF	2" x 2-1/2" Custom Shaped White Pine	28.92	1.38
06 46 36 00-0640	LF	2" x 3-1/2" Custom Shaped White Pine	37.13	1.38
06 46 36 00-0641	LF	2" x 4-1/2" Custom Shaped White Pine	45.45	1.50
06 46 36 00-0642	LF	2" x 5-1/2" Custom Shaped White Pine	53.69	1.50
06 46 36 00-0643	LF	2" x 6-1/2" Custom Shaped White Pine	62.12	1.61
06 46 36 00-0644	LF	2" x 7-1/2" Custom Shaped White Pine	70.34	1.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0645	LF	2" x 8-1/2" Custom Shaped White Pine	78.67	1.72
06 46 36 00-0646	LF	2" x 9-1/2" Custom Shaped White Pine	86.89	1.72
06 46 36 00-0647	LF	2" x 10-1/2" Custom Shaped White Pine	95.11	1.84
06 46 36 00-0648	LF	2" x 11-1/2" Custom Shaped White Pine	103.56	1.95
06 46 36 00-0649	LF	2-1/2" x 1-1/2" Custom Shaped White Pine	24.62	1.38
06 46 36 00-0650	LF	2-1/2" x 2-1/2" Custom Shaped White Pine	34.75	1.38
06 46 36 00-0651	LF	2-1/2" x 3-1/2" Custom Shaped White Pine	44.88	1.50
06 46 36 00-0652	LF	2-1/2" x 4-1/2" Custom Shaped White Pine	55.10	1.50
06 46 36 00-0653	LF	2-1/2" x 5-1/2" Custom Shaped White Pine	65.23	1.50
06 46 36 00-0654	LF	2-1/2" x 6-1/2" Custom Shaped White Pine	75.58	1.61
06 46 36 00-0655	LF	2-1/2" x 7-1/2" Custom Shaped White Pine	85.71	1.72
06 46 36 00-0656	LF	2-1/2" x 8-1/2" Custom Shaped White Pine	95.95	1.72
06 46 36 00-0657	LF	2-1/2" x 9-1/2" Custom Shaped White Pine	106.07	1.84
06 46 36 00-0658	LF	2-1/2" x 10-1/2" Custom Shaped White Pine	116.20	1.84
06 46 36 00-0659	LF	2-1/2" x 11-1/2" Custom Shaped White Pine	126.56	1.95
06 46 36 00-0660	LF	3-1/2" x 3-1/2" Custom Shaped White Pine	62.14	1.50
06 46 36 00-0661	LF	3-1/2" x 4-1/2" Custom Shaped White Pine	76.66	1.50
06 46 36 00-0662	LF	3-1/2" x 5-1/2" Custom Shaped White Pine	91.08	1.61
06 46 36 00-0663	LF	3-1/2" x 6-1/2" Custom Shaped White Pine	105.73	1.72
06 46 36 00-0664	LF	3-1/2" x 7-1/2" Custom Shaped White Pine	120.15	1.72
06 46 36 00-0665	LF	3-1/2" x 8-1/2" Custom Shaped White Pine	134.67	1.84
06 46 36 00-0666	LF	3-1/2" x 9-1/2" Custom Shaped White Pine	149.08	1.84
06 46 36 00-0667	LF	3-1/2" x 10-1/2" Custom Shaped White Pine	163.49	1.84
06 46 36 00-0668	LF	3-1/2" x 11-1/2" Custom Shaped White Pine	178.14	1.95
06 46 36 00-0669		**Clear Yellow Pine** *(06 46 36)*		
06 46 36 00-0670	LF	3/4" x 1-1/2" Custom Shaped "C" Y Pine	5.96	1.27
06 46 36 00-0671	LF	3/4" x 2-1/2" Custom Shaped "C" Y Pine	7.04	1.27
06 46 36 00-0672	LF	3/4" x 3-1/2" Custom Shaped "C" Y Pine	8.13	1.27
06 46 36 00-0673	LF	3/4" x 4-1/2" Custom Shaped "C" Y Pine	9.21	1.38
06 46 36 00-0674	LF	3/4" x 5-1/2" Custom Shaped "C" Y Pine	10.42	1.38
06 46 36 00-0675	LF	3/4" x 6-1/2" Custom Shaped "C" Y Pine	11.63	1.50
06 46 36 00-0676	LF	3/4" x 7-1/2" Custom Shaped "C" Y Pine	12.70	1.50
06 46 36 00-0677	LF	3/4" x 8-1/2" Custom Shaped "C" Y Pine	13.80	1.50
06 46 36 00-0678	LF	1" x 1-1/2" Custom Shaped "C" Y Pine	6.79	1.27
06 46 36 00-0679	LF	1" x 2-1/2" Custom Shaped "C" Y Pine	8.26	1.27
06 46 36 00-0680	LF	1" x 3-1/2" Custom Shaped "C" Y Pine	9.67	1.38
06 46 36 00-0681	LF	1" x 4-1/2" Custom Shaped "C" Y Pine	11.14	1.38
06 46 36 00-0682	LF	1" x 5-1/2" Custom Shaped "C" Y Pine	12.67	1.50
06 46 36 00-0683	LF	1" x 6-1/2" Custom Shaped "C" Y Pine	14.27	1.50
06 46 36 00-0684	LF	1" x 7-1/2" Custom Shaped "C" Y Pine	16.15	1.50
06 46 36 00-0685	LF	1" x 8-1/2" Custom Shaped "C" Y Pine	17.68	1.61
06 46 36 00-0686	LF	1-1/2" x 1-1/2" Custom Shaped "C" Y Pine	7.83	1.27
06 46 36 00-0687	LF	1-1/2" x 2-1/2" Custom Shaped "C" Y Pine	9.68	1.38
06 46 36 00-0688	LF	1-1/2" x 3-1/2" Custom Shaped "C" Y Pine	11.51	1.38
06 46 36 00-0689	LF	1-1/2" x 4-1/2" Custom Shaped "C" Y Pine	13.36	1.50
06 46 36 00-0690	LF	1-1/2" x 5-1/2" Custom Shaped "C" Y Pine	15.23	1.50
06 46 36 00-0691	LF	1-1/2" x 6-1/2" Custom Shaped "C" Y Pine	17.31	1.61
06 46 36 00-0692	LF	1-1/2" x 7-1/2" Custom Shaped "C" Y Pine	19.14	1.61
06 46 36 00-0693	LF	1-1/2" x 8-1/2" Custom Shaped "C" Y Pine	21.02	1.72
06 46 36 00-0694	LF	1-1/2" x 9-1/2" Custom Shaped "C" Y Pine	24.24	1.72
06 46 36 00-0695	LF	1-1/2" x 10-1/2" Custom Shaped "C" Y Pine	24.99	1.84
06 46 36 00-0696		**Poplar** *(06 46 36)*		
06 46 36 00-0697	LF	3/4" x 1-1/2" Custom Shaped Poplar	6.24	1.27
06 46 36 00-0698	LF	3/4" x 2-1/2" Custom Shaped Poplar	7.47	1.27
06 46 36 00-0699	LF	3/4" x 3-1/2" Custom Shaped Poplar	8.70	1.27
06 46 36 00-0700	LF	3/4" x 4-1/2" Custom Shaped Poplar	9.92	1.38
06 46 36 00-0701	LF	3/4" x 5-1/2" Custom Shaped Poplar	11.28	1.38
06 46 36 00-0702	LF	3/4" x 6-1/2" Custom Shaped Poplar	12.63	1.50
06 46 36 00-0703	LF	3/4" x 7-1/2" Custom Shaped Poplar	13.84	1.50
06 46 36 00-0704	LF	3/4" x 8-1/2" Custom Shaped Poplar	15.09	1.50
06 46 36 00-0705	LF	3/4" x 9-1/2" Custom Shaped Poplar	16.25	1.61
06 46 36 00-0706	LF	3/4" x 10-1/2" Custom Shaped Poplar	17.64	1.72
06 46 36 00-0707	LF	3/4" x 11-1/2" Custom Shaped Poplar	19.01	1.72
06 46 36 00-0708	LF	1" x 1-1/2" Custom Shaped Poplar	7.17	1.27
06 46 36 00-0709	LF	1" x 2-1/2" Custom Shaped Poplar	8.78	1.27
06 46 36 00-0710	LF	1" x 3-1/2" Custom Shaped Poplar	10.39	1.38
06 46 36 00-0711	LF	1" x 4-1/2" Custom Shaped Poplar	12.00	1.38
06 46 36 00-0712	LF	1" x 5-1/2" Custom Shaped Poplar	13.77	1.50
06 46 36 00-0713	LF	1" x 6-1/2" Custom Shaped Poplar	15.51	1.50
06 46 36 00-0714	LF	1" x 7-1/2" Custom Shaped Poplar	17.11	1.50
06 46 36 00-0715	LF	1" x 8-1/2" Custom Shaped Poplar	18.73	1.61
06 46 36 00-0716	LF	1" x 9-1/2" Custom Shaped Poplar	20.33	1.61
06 46 36 00-0717	LF	1" x 10-1/2" Custom Shaped Poplar	22.10	1.72
06 46 36 00-0718	LF	1" x 11-1/2" Custom Shaped Poplar	23.75	1.72
06 46 36 00-0719	LF	1-1/4" x 1-1/2" Custom Shaped Poplar	8.00	1.27
06 46 36 00-0720	LF	1-1/4" x 2-1/2" Custom Shaped Poplar	9.99	1.27
06 46 36 00-0721	LF	1-1/4" x 3-1/2" Custom Shaped Poplar	11.98	1.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0722	LF	1-1/4" x 4-1/2" Custom Shaped Poplar	13.96	1.38
06 46 36 00-0723	LF	1-1/4" x 5-1/2" Custom Shaped Poplar	16.08	1.50
06 46 36 00-0724	LF	1-1/4" x 6-1/2" Custom Shaped Poplar	18.20	1.50
06 46 36 00-0725	LF	1-1/4" x 7-1/2" Custom Shaped Poplar	20.17	1.61
06 46 36 00-0726	LF	1-1/4" x 8-1/2" Custom Shaped Poplar	22.19	1.61
06 46 36 00-0727	LF	1-1/4" x 9-1/2" Custom Shaped Poplar	24.11	1.61
06 46 36 00-0728	LF	1-1/4" x 10-1/2" Custom Shaped Poplar	26.26	1.72
06 46 36 00-0729	LF	1-1/4" x 11-1/2" Custom Shaped Poplar	28.30	1.84
06 46 36 00-0730	LF	1-1/2" x 1-1/2" Custom Shaped Poplar	9.93	1.27
06 46 36 00-0731	LF	1-1/2" x 2-1/2" Custom Shaped Poplar	12.82	1.38
06 46 36 00-0732	LF	1-1/2" x 3-1/2" Custom Shaped Poplar	15.71	1.38
06 46 36 00-0733	LF	1-1/2" x 4-1/2" Custom Shaped Poplar	18.60	1.50
06 46 36 00-0734	LF	1-1/2" x 5-1/2" Custom Shaped Poplar	21.52	1.50
06 46 36 00-0735	LF	1-1/2" x 6-1/2" Custom Shaped Poplar	24.65	1.61
06 46 36 00-0736	LF	1-1/2" x 7-1/2" Custom Shaped Poplar	27.53	1.61
06 46 36 00-0737	LF	1-1/2" x 8-1/2" Custom Shaped Poplar	30.46	1.72
06 46 36 00-0738	LF	1-1/2" x 9-1/2" Custom Shaped Poplar	33.29	1.72
06 46 36 00-0739	LF	1-1/2" x 10-1/2" Custom Shaped Poplar	36.34	1.84
06 46 36 00-0740	LF	1-1/2" x 11-1/2" Custom Shaped Poplar	39.27	1.84
06 46 36 00-0741	LF	2" x 1-1/2" Custom Shaped Poplar	12.83	1.38
06 46 36 00-0742	LF	2" x 2-1/2" Custom Shaped Poplar	17.15	1.38
06 46 36 00-0743	LF	2" x 3-1/2" Custom Shaped Poplar	21.40	1.38
06 46 36 00-0744	LF	2" x 4-1/2" Custom Shaped Poplar	25.82	1.50
06 46 36 00-0745	LF	2" x 5-1/2" Custom Shaped Poplar	30.09	1.50
06 46 36 00-0746	LF	2" x 6-1/2" Custom Shaped Poplar	34.62	1.61
06 46 36 00-0747	LF	2" x 7-1/2" Custom Shaped Poplar	38.88	1.61
06 46 36 00-0748	LF	2" x 8-1/2" Custom Shaped Poplar	43.31	1.72
06 46 36 00-0749	LF	2" x 9-1/2" Custom Shaped Poplar	47.56	1.72
06 46 36 00-0750	LF	2" x 10-1/2" Custom Shaped Poplar	51.88	1.84
06 46 36 00-0751	LF	2" x 11-1/2" Custom Shaped Poplar	56.37	1.95
06 46 36 00-0752	LF	2-1/2" x 1-1/2" Custom Shaped Poplar	15.75	1.38
06 46 36 00-0753	LF	2-1/2" x 2-1/2" Custom Shaped Poplar	21.45	1.38
06 46 36 00-0754	LF	2-1/2" x 3-1/2" Custom Shaped Poplar	27.15	1.50
06 46 36 00-0755	LF	2-1/2" x 4-1/2" Custom Shaped Poplar	32.94	1.50
06 46 36 00-0756	LF	2-1/2" x 5-1/2" Custom Shaped Poplar	38.64	1.50
06 46 36 00-0757	LF	2-1/2" x 6-1/2" Custom Shaped Poplar	44.56	1.61
06 46 36 00-0758	LF	2-1/2" x 7-1/2" Custom Shaped Poplar	50.25	1.72
06 46 36 00-0759	LF	2-1/2" x 8-1/2" Custom Shaped Poplar	56.06	1.72
06 46 36 00-0760	LF	2-1/2" x 9-1/2" Custom Shaped Poplar	61.74	1.84
06 46 36 00-0761	LF	2-1/2" x 10-1/2" Custom Shaped Poplar	67.44	1.84
06 46 36 00-0762	LF	2-1/2" x 11-1/2" Custom Shaped Poplar	73.37	1.95
06 46 36 00-0763	LF	3-1/2" x 3-1/2" Custom Shaped Poplar	36.98	1.50
06 46 36 00-0764	LF	3-1/2" x 4-1/2" Custom Shaped Poplar	45.21	1.50
06 46 36 00-0765	LF	3-1/2" x 5-1/2" Custom Shaped Poplar	53.33	1.61
06 46 36 00-0766	LF	3-1/2" x 6-1/2" Custom Shaped Poplar	61.79	1.72
06 46 36 00-0767	LF	3-1/2" x 7-1/2" Custom Shaped Poplar	69.82	1.72
06 46 36 00-0768	LF	3-1/2" x 8-1/2" Custom Shaped Poplar	78.04	1.84
06 46 36 00-0769	LF	3-1/2" x 9-1/2" Custom Shaped Poplar	86.16	1.84
06 46 36 00-0770	LF	3-1/2" x 10-1/2" Custom Shaped Poplar	94.29	1.84
06 46 36 00-0771	LF	3-1/2" x 11-1/2" Custom Shaped Poplar	102.65	1.95

06 46 36 00-0772 Clear Heart Redwood *(06 46 36)*

06 46 36 00-0773	LF	3/4" x 1-1/2" Custom Shaped Clear Heart Redwood	7.58	1.27
06 46 36 00-0774	LF	3/4" x 2-1/2" Custom Shaped Clear Heart Redwood	9.47	1.27
06 46 36 00-0775	LF	3/4" x 3-1/2" Custom Shaped Clear Heart Redwood	11.37	1.27
06 46 36 00-0776	LF	3/4" x 4-1/2" Custom Shaped Clear Heart Redwood	13.26	1.38
06 46 36 00-0777	LF	3/4" x 5-1/2" Custom Shaped Clear Heart Redwood	15.28	1.38
06 46 36 00-0778	LF	3/4" x 6-1/2" Custom Shaped Clear Heart Redwood	17.30	1.50
06 46 36 00-0779	LF	3/4" x 7-1/2" Custom Shaped Clear Heart Redwood	21.08	1.50
06 46 36 00-0780	LF	3/4" x 8-1/2" Custom Shaped Clear Heart Redwood	23.24	1.50
06 46 36 00-0781	LF	3/4" x 9-1/2" Custom Shaped Clear Heart Redwood	23.35	1.61
06 46 36 00-0782	LF	3/4" x 10-1/2" Custom Shaped Clear Heart Redwood	24.98	1.72
06 46 36 00-0783	LF	1" x 1-1/2" Custom Shaped Clear Heart Redwood	9.08	1.27
06 46 36 00-0784	LF	1" x 2-1/2" Custom Shaped Clear Heart Redwood	11.64	1.27
06 46 36 00-0785	LF	1" x 3-1/2" Custom Shaped Clear Heart Redwood	14.20	1.38
06 46 36 00-0786	LF	1" x 4-1/2" Custom Shaped Clear Heart Redwood	16.76	1.38
06 46 36 00-0787	LF	1" x 5-1/2" Custom Shaped Clear Heart Redwood	19.49	1.50
06 46 36 00-0788	LF	1" x 6-1/2" Custom Shaped Clear Heart Redwood	22.18	1.50
06 46 36 00-0789	LF	1" x 7-1/2" Custom Shaped Clear Heart Redwood	28.07	1.50
06 46 36 00-0790	LF	1" x 8-1/2" Custom Shaped Clear Heart Redwood	31.08	1.61
06 46 36 00-0791	LF	1" x 9-1/2" Custom Shaped Clear Heart Redwood	34.01	1.61
06 46 36 00-0792	LF	1" x 10-1/2" Custom Shaped Clear Heart Redwood	37.16	1.72
06 46 36 00-0793	LF	1-1/2" x 1-1/2" Custom Shaped Clear Heart Redwood	11.84	1.27
06 46 36 00-0794	LF	1-1/2" x 2-1/2" Custom Shaped Clear Heart Redwood	15.68	1.38
06 46 36 00-0795	LF	1-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood	19.52	1.38
06 46 36 00-0796	LF	1-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood	23.37	1.50
06 46 36 00-0797	LF	1-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood	27.24	1.50
06 46 36 00-0798	LF	1-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood	31.42	1.61
06 46 36 00-0799	LF	1-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood	42.01	1.61
06 46 36 00-0800	LF	1-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood	46.76	1.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0801	LF	1-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood	55.22	1.72
06 46 36 00-0802	LF	1-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood	60.46	1.84
06 46 36 00-0803	LF	3-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood	58.33	1.50
06 46 36 00-0804	LF	3-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood	71.90	1.50
06 46 36 00-0805	LF	3-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood	85.36	1.61
06 46 36 00-0806	LF	3-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood	99.06	1.72
06 46 36 00-0807	LF	3-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood	112.52	1.72
06 46 36 00-0808	LF	3-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood	126.09	1.84
06 46 36 00-0809	LF	3-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood	139.54	1.84
06 46 36 00-0810	LF	3-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood	153.01	1.84
06 46 36 00-0811	LF	3-1/2" x 11-1/2" Custom Shaped Clear Heart Redwood	166.70	1.95
06 46 36 00-0812		**Teak** *(06 46 36)*		
06 46 36 00-0813	LF	3/4" x 1-1/2" Custom Shaped Teak	20.35	1.27
06 46 36 00-0814	LF	3/4" x 2-1/2" Custom Shaped Teak	28.63	1.27
06 46 36 00-0815	LF	3/4" x 3-1/2" Custom Shaped Teak	36.92	1.27
06 46 36 00-0816	LF	3/4" x 4-1/2" Custom Shaped Teak	45.19	1.38
06 46 36 00-0817	LF	3/4" x 5-1/2" Custom Shaped Teak	53.60	1.38
06 46 36 00-0818	LF	3/4" x 6-1/2" Custom Shaped Teak	62.01	1.50
06 46 36 00-0819	LF	3/4" x 7-1/2" Custom Shaped Teak	70.27	1.50
06 46 36 00-0820	LF	3/4" x 8-1/2" Custom Shaped Teak	78.57	1.50
06 46 36 00-0821	LF	3/4" x 9-1/2" Custom Shaped Teak	86.79	1.61
06 46 36 00-0822	LF	3/4" x 10-1/2" Custom Shaped Teak	95.23	1.72
06 46 36 00-0823	LF	3/4" x 11-1/2" Custom Shaped Teak	103.56	1.72
06 46 36 00-0824	LF	1-1/2" x 1-1/2" Custom Shaped Teak	46.53	1.27
06 46 36 00-0825	LF	1-1/2" x 2-1/2" Custom Shaped Teak	53.43	1.38
06 46 36 00-0826	LF	1-1/2" x 3-1/2" Custom Shaped Teak	69.85	1.38
06 46 36 00-0827	LF	1-1/2" x 4-1/2" Custom Shaped Teak	86.28	1.50
06 46 36 00-0828	LF	1-1/2" x 5-1/2" Custom Shaped Teak	102.73	1.50
06 46 36 00-0829	LF	1-1/2" x 6-1/2" Custom Shaped Teak	118.93	1.61
06 46 36 00-0830	LF	1-1/2" x 7-1/2" Custom Shaped Teak	135.81	1.61
06 46 36 00-0831	LF	1-1/2" x 8-1/2" Custom Shaped Teak	152.28	1.72
06 46 36 00-0832	LF	1-1/2" x 9-1/2" Custom Shaped Teak	168.65	1.72
06 46 36 00-0833	LF	1-1/2" x 10-1/2" Custom Shaped Teak	185.23	1.84
06 46 36 00-0834	LF	1-1/2" x 11-1/2" Custom Shaped Teak	201.70	1.84
06 46 36 00-0835		**Walnut** *(06 46 36)*		
06 46 36 00-0836	LF	3/4" x 1-1/2" Custom Shaped Walnut	11.29	1.27
06 46 36 00-0837	LF	3/4" x 2-1/2" Custom Shaped Walnut	15.05	1.27
06 46 36 00-0838	LF	3/4" x 3-1/2" Custom Shaped Walnut	18.81	1.27
06 46 36 00-0839	LF	3/4" x 4-1/2" Custom Shaped Walnut	22.55	1.38
06 46 36 00-0840	LF	3/4" x 5-1/2" Custom Shaped Walnut	26.43	1.38
06 46 36 00-0841	LF	3/4" x 6-1/2" Custom Shaped Walnut	30.32	1.50
06 46 36 00-0842	LF	3/4" x 7-1/2" Custom Shaped Walnut	34.05	1.50
06 46 36 00-0843	LF	3/4" x 8-1/2" Custom Shaped Walnut	37.82	1.50
06 46 36 00-0844	LF	3/4" x 9-1/2" Custom Shaped Walnut	41.51	1.61
06 46 36 00-0845	LF	3/4" x 10-1/2" Custom Shaped Walnut	45.43	1.72
06 46 36 00-0846	LF	3/4" x 11-1/2" Custom Shaped Walnut	49.23	1.72
06 46 36 00-0847	LF	1" x 1-1/2" Custom Shaped Walnut	13.46	1.27
06 46 36 00-0848	LF	1" x 2-1/2" Custom Shaped Walnut	18.26	1.27
06 46 36 00-0849	LF	1" x 3-1/2" Custom Shaped Walnut	23.02	1.38
06 46 36 00-0850	LF	1" x 4-1/2" Custom Shaped Walnut	27.82	1.38
06 46 36 00-0851	LF	1" x 5-1/2" Custom Shaped Walnut	32.69	1.50
06 46 36 00-0852	LF	1" x 6-1/2" Custom Shaped Walnut	37.62	1.50
06 46 36 00-0853	LF	1" x 7-1/2" Custom Shaped Walnut	42.37	1.50
06 46 36 00-0854	LF	1" x 8-1/2" Custom Shaped Walnut	47.19	1.61
06 46 36 00-0855	LF	1" x 9-1/2" Custom Shaped Walnut	51.88	1.61
06 46 36 00-0856	LF	1" x 10-1/2" Custom Shaped Walnut	56.84	1.72
06 46 36 00-0857	LF	1" x 11-1/2" Custom Shaped Walnut	61.64	1.72
06 46 36 00-0858	LF	1-1/4" x 1-1/2" Custom Shaped Walnut	16.43	1.27
06 46 36 00-0859	LF	1-1/4" x 2-1/2" Custom Shaped Walnut	22.66	1.27
06 46 36 00-0860	LF	1-1/4" x 3-1/2" Custom Shaped Walnut	28.85	1.38
06 46 36 00-0861	LF	1-1/4" x 4-1/2" Custom Shaped Walnut	35.08	1.38
06 46 36 00-0862	LF	1-1/4" x 5-1/2" Custom Shaped Walnut	41.39	1.50
06 46 36 00-0863	LF	1-1/4" x 6-1/2" Custom Shaped Walnut	47.75	1.50
06 46 36 00-0864	LF	1-1/4" x 7-1/2" Custom Shaped Walnut	53.92	1.61
06 46 36 00-0865	LF	1-1/4" x 8-1/2" Custom Shaped Walnut	60.18	1.61
06 46 36 00-0866	LF	1-1/4" x 9-1/2" Custom Shaped Walnut	66.29	1.61
06 46 36 00-0867	LF	1-1/4" x 10-1/2" Custom Shaped Walnut	72.68	1.72
06 46 36 00-0868	LF	1-1/4" x 11-1/2" Custom Shaped Walnut	78.91	1.84
06 46 36 00-0869	LF	1-1/2" x 1-1/2" Custom Shaped Walnut	22.13	1.27
06 46 36 00-0870	LF	1-1/2" x 2-1/2" Custom Shaped Walnut	31.13	1.38
06 46 36 00-0871	LF	1-1/2" x 3-1/2" Custom Shaped Walnut	40.11	1.38
06 46 36 00-0872	LF	1-1/2" x 4-1/2" Custom Shaped Walnut	49.11	1.50
06 46 36 00-0873	LF	1-1/2" x 5-1/2" Custom Shaped Walnut	58.12	1.50
06 46 36 00-0874	LF	1-1/2" x 6-1/2" Custom Shaped Walnut	67.36	1.61
06 46 36 00-0875	LF	1-1/2" x 7-1/2" Custom Shaped Walnut	76.33	1.61
06 46 36 00-0876	LF	1-1/2" x 8-1/2" Custom Shaped Walnut	85.37	1.72
06 46 36 00-0877	LF	1-1/2" x 9-1/2" Custom Shaped Walnut	95.25	1.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0878	LF	1-1/2" x 10-1/2" Custom Shaped Walnut	103.45	1.84
06 46 36 00-0879	LF	1-1/2" x 11-1/2" Custom Shaped Walnut	112.48	1.84
06 46 36 00-0880	LF	2" x 1-1/2" Custom Shaped Walnut	36.90	1.38
06 46 36 00-0881	LF	2" x 2-1/2" Custom Shaped Walnut	53.23	1.38
06 46 36 00-0882	LF	2" x 3-1/2" Custom Shaped Walnut	69.54	1.38
06 46 36 00-0883	LF	2" x 4-1/2" Custom Shaped Walnut	85.97	1.50
06 46 36 00-0884	LF	2" x 5-1/2" Custom Shaped Walnut	102.30	1.50
06 46 36 00-0885	LF	2" x 6-1/2" Custom Shaped Walnut	118.84	1.61
06 46 36 00-0886	LF	2" x 7-1/2" Custom Shaped Walnut	135.16	1.61
06 46 36 00-0887	LF	2" x 8-1/2" Custom Shaped Walnut	151.60	1.72
06 46 36 00-0888	LF	2" x 9-1/2" Custom Shaped Walnut	167.91	1.72
06 46 36 00-0889	LF	2" x 10-1/2" Custom Shaped Walnut	184.24	1.84
06 46 36 00-0890	LF	2" x 11-1/2" Custom Shaped Walnut	200.79	1.95
06 46 36 00-0891	LF	2-1/2" x 1-1/2" Custom Shaped Walnut	46.07	1.38
06 46 36 00-0892	LF	2-1/2" x 2-1/2" Custom Shaped Walnut	66.92	1.38
06 46 36 00-0893	LF	2-1/2" x 3-1/2" Custom Shaped Walnut	87.77	1.50
06 46 36 00-0894	LF	2-1/2" x 4-1/2" Custom Shaped Walnut	108.72	1.50
06 46 36 00-0895	LF	2-1/2" x 5-1/2" Custom Shaped Walnut	129.58	1.50
06 46 36 00-0896	LF	2-1/2" x 6-1/2" Custom Shaped Walnut	150.65	1.61
06 46 36 00-0897	LF	2-1/2" x 7-1/2" Custom Shaped Walnut	171.50	1.72
06 46 36 00-0898	LF	2-1/2" x 8-1/2" Custom Shaped Walnut	192.47	1.72
06 46 36 00-0899	LF	2-1/2" x 9-1/2" Custom Shaped Walnut	213.31	1.84
06 46 36 00-0900	LF	2-1/2" x 10-1/2" Custom Shaped Walnut	234.16	1.84
06 46 36 00-0901	LF	2-1/2" x 11-1/2" Custom Shaped Walnut	255.25	1.95

06 48 Wood Frames *(06 40)*

Note: Includes perimeter caulk, sealant (as required), anchors and silencers.

06 48 13 Exterior Wood Door Frames *(06 48)*

06 48 13 00-0001 Exterior Door Frames *(06 48 13)*

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made with threshold, includes all trim molding, up to 8" depth.

06 48 13 00-0002	EA	3' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	359.57	65.25
		For Birch, Add	*80.21*	
		For Mahogany, Add	*194.80*	
06 48 13 00-0003	EA	3'-6" x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	378.30	68.38
		For Birch, Add	*84.75*	
		For Mahogany, Add	*205.82*	
06 48 13 00-0004	EA	4' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	397.05	71.04
		For Birch, Add	*89.28*	
		For Mahogany, Add	*216.83*	
06 48 13 00-0005	EA	5' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	433.12	76.03
		For Birch, Add	*98.34*	
		For Mahogany, Add	*238.83*	
06 48 13 00-0006	EA	6' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	469.89	81.48
		For Birch, Add	*107.42*	
		For Mahogany, Add	*260.87*	
06 48 13 00-0007	EA	3' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	551.91	65.49
06 48 13 00-0008	EA	3'-6" x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	561.19	68.38
06 48 13 00-0009	EA	4' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	570.43	71.28
06 48 13 00-0010	EA	5' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	586.70	75.92
06 48 13 00-0011	EA	6' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	605.39	81.71
06 48 13 00-0012	EA	3' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	425.84	65.49
06 48 13 00-0013	EA	3'-6" x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	446.50	68.38
06 48 13 00-0014	EA	4' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	467.26	71.28
06 48 13 00-0015	EA	5' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	506.26	75.92
06 48 13 00-0016	EA	6' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	547.60	81.71

06 48 16 Interior Wood Door Frames *(06 48)*

06 48 16 00-0001 Interior Door Frames *(06 48 16)*

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made, includes all trim molding.

06 48 16 00-0002	EA	2'-0" Or 2'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	180.70	31.06
		For Oak Or Maple, Add	*36.77*	
		For Birch, Add	*41.51*	
		For Mahogany, Add	*100.82*	
		For Walnut Frame, Add	*53.37*	
06 48 16 00-0003	EA	2'-6" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	182.00	31.17
		For Oak Or Maple, Add	*37.08*	
		For Birch, Add	*41.86*	
		For Mahogany, Add	*101.67*	
		For Walnut Frame, Add	*53.82*	
06 48 16 00-0004	EA	2'-8" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	184.12	31.75
		For Oak Or Maple, Add	*37.36*	
		For Birch, Add	*42.18*	
		For Mahogany, Add	*102.43*	
		For Walnut Frame, Add	*54.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 48 16 00-0005	EA	3' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	186.89	32.57
		For Oak Or Maple, Add	*37.73*	
		For Birch, Add	*42.60*	
		For Mahogany, Add	*103.45*	
		For Walnut Frame, Add	*54.77*	
06 48 16 00-0006	EA	3'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	191.15	33.38
		For Oak Or Maple, Add	*38.53*	
		For Birch, Add	*43.50*	
		For Mahogany, Add	*105.64*	
		For Walnut Frame, Add	*55.93*	
06 48 16 00-0007	EA	4' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	201.83	35.47
		For Oak Or Maple, Add	*40.56*	
		For Birch, Add	*45.80*	
		For Mahogany, Add	*111.22*	
		For Walnut Frame, Add	*58.88*	
06 48 16 00-0008	EA	5' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	214.24	38.37
		For Oak Or Maple, Add	*42.61*	
		For Birch, Add	*48.11*	
		For Mahogany, Add	*116.83*	
		For Walnut Frame, Add	*61.85*	
06 48 16 00-0009	EA	6' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	225.51	40.79
		For Oak Or Maple, Add	*44.64*	
		For Birch, Add	*50.40*	
		For Mahogany, Add	*122.41*	
		For Walnut Frame, Add	*64.80*	
06 48 16 00-0010	LF	4-9/16", Pine Interior Door Frame	7.74	2.78
		For Oak Or Maple, Add	*0.67*	
		For Birch, Add	*0.76*	
		For Mahogany, Add	*1.84*	
		For Walnut Frame, Add	*0.98*	

06 50 Structural Plastics *(06)*

06 51 Structural Plastic Shapes and Plates *(06 50)*

06 51 13 Plastic Lumber *(06 51)*

06 51 13 00-0001 Beams And Girders, Recycled Plastic Lumber *(06 51 13)*

06 51 13 00-0002	LF	2" x 6", Beam Or Girder, Recycled Plastic Lumber	13.43	1.87
		For Reinforced Structural Plastic Lumber, Add	*3.98*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.65*	
		For White Color, Add	*1.35*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*2.80*	
		For >750, Deduct	*-0.97*	
06 51 13 00-0003	LF	2" x 8", Beam Or Girder, Recycled Plastic Lumber	17.23	2.03
		For Reinforced Structural Plastic Lumber, Add	*5.30*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.86*	
		For White Color, Add	*1.79*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*3.72*	
		For >750, Deduct	*-1.29*	
06 51 13 00-0004	LF	2" x 10", Beam Or Girder, Recycled Plastic Lumber	20.66	2.19
		For Reinforced Structural Plastic Lumber, Add	*6.49*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.05*	
		For White Color, Add	*2.19*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*4.56*	
		For >750, Deduct	*-1.58*	
06 51 13 00-0005	LF	3" x 10", Beam Or Girder, Recycled Plastic Lumber	30.29	2.60
		For Reinforced Structural Plastic Lumber, Add	*9.83*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.59*	
		For White Color, Add	*3.32*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*6.91*	
		For >750, Deduct	*-2.39*	
06 51 13 00-0006	LF	3" x 12", Beam Or Girder, Recycled Plastic Lumber	36.30	2.93
		For Reinforced Structural Plastic Lumber, Add	*11.89*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.93*	
		For White Color, Add	*4.02*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*8.35*	
		For >750, Deduct	*-2.89*	
06 51 13 00-0007	LF	4" x 4", Beam Or Girder, Recycled Plastic Lumber	19.41	2.52
		For Reinforced Structural Plastic Lumber, Add	*5.85*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.95*	
		For White Color, Add	*1.98*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*4.11*	
		For >500, Deduct	*-1.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0008	LF	4" x 6", Beam Or Girder, Recycled Plastic Lumber	26.29	2.68
		For Reinforced Structural Plastic Lumber, Add	*8.31*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.35*	
		For White Color, Add	*2.81*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*5.84*	
		For >500, Deduct	*-2.25*	
06 51 13 00-0009	LF	5" x 5", Beam Or Girder, Recycled Plastic Lumber	27.36	2.76
		For Reinforced Structural Plastic Lumber, Add	*8.67*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.41*	
		For White Color, Add	*2.93*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*6.09*	
		For >500, Deduct	*-2.34*	
06 51 13 00-0010	LF	6" x 6", Beam Or Girder, Recycled Plastic Lumber	37.91	3.01
		For Reinforced Structural Plastic Lumber, Add	*12.44*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*2.02*	
		For White Color, Add	*4.20*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*8.74*	
		For >500, Deduct	*-3.36*	
06 51 13 00-0011	LF	6" x 8", Beam Or Girder, Recycled Plastic Lumber	51.90	3.17
		For Reinforced Structural Plastic Lumber, Add	*17.53*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*2.84*	
		For White Color, Add	*5.92*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*12.32*	
		For >500, Deduct	*-4.74*	
06 51 13 00-0012		Joists, Recycled Plastic Lumber *(06 51 13)*		
06 51 13 00-0013	LF	2" x 4", Joist, Recycled Plastic Lumber	8.77	1.05
		For Reinforced Structural Plastic Lumber, Add	*2.69*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.44*	
		For White Color, Add	*0.91*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*1.89*	
		For >750, Deduct	*-0.65*	
06 51 13 00-0014	LF	2" x 6", Joist, Recycled Plastic Lumber	12.28	1.10
		For Reinforced Structural Plastic Lumber, Add	*3.98*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.65*	
		For White Color, Add	*1.35*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*2.80*	
		For >750, Deduct	*-0.97*	
06 51 13 00-0015	LF	2" x 8", Joist, Recycled Plastic Lumber	16.06	1.22
		For Reinforced Structural Plastic Lumber, Add	*5.30*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.86*	
		For White Color, Add	*1.79*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*3.72*	
		For >750, Deduct	*-1.29*	
06 51 13 00-0016	LF	2" x 10", Joist, Recycled Plastic Lumber	19.61	1.46
		For Reinforced Structural Plastic Lumber, Add	*6.49*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.05*	
		For White Color, Add	*2.19*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*4.56*	
		For >750, Deduct	*-1.58*	
06 51 13 00-0017	LF	3" x 10", Joist, Recycled Plastic Lumber	29.01	1.71
		For Reinforced Structural Plastic Lumber, Add	*9.83*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.59*	
		For White Color, Add	*3.32*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*6.91*	
		For >750, Deduct	*-2.39*	
06 51 13 00-0018	LF	3" x 12", Joist, Recycled Plastic Lumber	35.26	2.19
		For Reinforced Structural Plastic Lumber, Add	*11.89*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.93*	
		For White Color, Add	*4.02*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*8.35*	
		For >750, Deduct	*-2.89*	
06 51 13 00-0019	LF	4" x 4", Joist, Recycled Plastic Lumber	18.01	1.54
		For Reinforced Structural Plastic Lumber, Add	*5.85*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.95*	
		For White Color, Add	*1.98*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*4.11*	
		For >500, Deduct	*-1.58*	
06 51 13 00-0020	LF	4" x 6", Joist, Recycled Plastic Lumber	24.78	1.63
		For Reinforced Structural Plastic Lumber, Add	*8.31*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.35*	
		For White Color, Add	*2.81*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*5.84*	
		For >500, Deduct	*-2.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0021	LF	5" x 5", Joist, Recycled Plastic Lumber	25.97	1.79
		For Reinforced Structural Plastic Lumber, Add	*8.67*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.41*	
		For White Color, Add	*2.93*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*6.09*	
		For >500, Deduct	*-2.34*	
06 51 13 00-0022	LF	6" x 6", Joist, Recycled Plastic Lumber	36.51	2.03
		For Reinforced Structural Plastic Lumber, Add	*12.44*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*2.02*	
		For White Color, Add	*4.20*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*8.74*	
		For >500, Deduct	*-3.36*	
06 51 13 00-0023	LF	6" x 8", Joist, Recycled Plastic Lumber	50.50	2.19
		For Reinforced Structural Plastic Lumber, Add	*17.53*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*2.84*	
		For White Color, Add	*5.92*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*12.32*	
		For >500, Deduct	*-4.74*	

06 51 13 00-0024 Columns, Recycled Plastic Lumber *(06 51 13)*

06 51 13 00-0025	LF	4" x 4", Column, Recycled Plastic Lumber	20.56	3.32
		For Reinforced Structural Plastic Lumber, Add	*5.85*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.95*	
		For White Color, Add	*1.98*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*4.11*	
		For >500, Deduct	*-1.58*	
06 51 13 00-0026	LF	4" x 6", Column, Recycled Plastic Lumber	29.18	4.70
		For Reinforced Structural Plastic Lumber, Add	*8.31*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.35*	
		For White Color, Add	*2.81*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*5.84*	
		For >500, Deduct	*-2.25*	
06 51 13 00-0027	LF	5" x 5", Column, Recycled Plastic Lumber	30.96	5.27
		For Reinforced Structural Plastic Lumber, Add	*8.67*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.41*	
		For White Color, Add	*2.93*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*6.09*	
		For >500, Deduct	*-2.34*	
06 51 13 00-0028	LF	6" x 6", Column, Recycled Plastic Lumber	42.19	6.00
		For Reinforced Structural Plastic Lumber, Add	*12.44*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*2.02*	
		For White Color, Add	*4.20*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*8.74*	
		For >500, Deduct	*-3.36*	
06 51 13 00-0029	LF	6" x 8", Column, Recycled Plastic Lumber	57.91	7.38
		For Reinforced Structural Plastic Lumber, Add	*17.53*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*2.84*	
		For White Color, Add	*5.92*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*12.32*	
		For >500, Deduct	*-4.74*	

06 51 13 00-0030 Walls, Recycled Plastic Lumber *(06 51 13)*

06 51 13 00-0031	LF	2" x 3", Walls, Recycled Plastic Lumber	7.86	1.05
		For Reinforced Structural Plastic Lumber, Add	*2.35*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.38*	
		For White Color, Add	*0.79*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*1.65*	
		For >750, Deduct	*-0.57*	
06 51 13 00-0032	LF	2" x 4", Walls, Recycled Plastic Lumber	9.01	1.22
		For Reinforced Structural Plastic Lumber, Add	*2.69*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.44*	
		For White Color, Add	*0.91*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*1.89*	
		For >750, Deduct	*-0.65*	
06 51 13 00-0033	LF	2" x 6", Walls, Recycled Plastic Lumber	12.62	1.30
		For Reinforced Structural Plastic Lumber, Add	*3.98*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.65*	
		For White Color, Add	*1.35*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*2.80*	
		For >750, Deduct	*-0.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0034	LF	2" x 8", Walls, Recycled Plastic Lumber	16.29	1.38
		For Reinforced Structural Plastic Lumber, Add	*5.30*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.86*	
		For White Color, Add	*1.79*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*3.72*	
		For >750, Deduct	*-1.29*	
06 51 13 00-0035		Other Shapes, Recycled Plastic Lumber *(06 51 13)*		
06 51 13 00-0036	LF	5/4" x 4", Other Shapes, Recycled Plastic Lumber	7.68	0.92
		For Reinforced Structural Plastic Lumber, Add	*2.32*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.38*	
		For White Color, Add	*0.78*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*1.63*	
		For Grooved Edge Deck Boards With Hidden Fasteners, Add	*0.41*	
		For >750, Deduct	*-0.56*	
06 51 13 00-0037	LF	5/4" x 6", Other Shapes, Recycled Plastic Lumber	9.80	1.05
		For Reinforced Structural Plastic Lumber, Add	*3.07*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.50*	
		For White Color, Add	*1.04*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*2.16*	
		For Grooved Edge Deck Boards With Hidden Fasteners, Add	*0.41*	
		For >750, Deduct	*-0.75*	
06 51 13 00-0038	LF	5/4" x 8", Other Shapes, Recycled Plastic Lumber	12.89	1.05
		For Reinforced Structural Plastic Lumber, Add	*4.21*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.68*	
		For White Color, Add	*1.42*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*2.96*	
		For Grooved Edge Deck Boards With Hidden Fasteners, Add	*0.41*	
		For >750, Deduct	*-1.03*	
06 51 13 00-0039	LF	1" x 4", Other Shapes, Recycled Plastic Lumber	7.72	0.92
		For Reinforced Structural Plastic Lumber, Add	*2.33*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.38*	
		For White Color, Add	*0.79*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*1.64*	
		For Grooved Edge Deck Boards With Hidden Fasteners, Add	*0.41*	
		For >750, Deduct	*-0.57*	
06 51 13 00-0040	LF	1" x 6", Other Shapes, Recycled Plastic Lumber	8.54	1.05
		For Reinforced Structural Plastic Lumber, Add	*2.60*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.42*	
		For White Color, Add	*0.88*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*1.83*	
		For Grooved Edge Deck Boards With Hidden Fasteners, Add	*0.41*	
		For >750, Deduct	*-0.63*	
06 51 13 00-0041	LF	1" x 6", Tongue And Grooved, Other Shapes, Recycled Plastic Lumber	8.70	1.05
		For Reinforced Structural Plastic Lumber, Add	*2.66*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.43*	
		For White Color, Add	*0.90*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*1.87*	
		For >750, Deduct	*-0.65*	
06 51 13 00-0042	LF	2" x 2", Other Shapes, Recycled Plastic Lumber	5.29	0.89
		For Reinforced Structural Plastic Lumber, Add	*1.48*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.24*	
		For White Color, Add	*0.50*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*1.04*	
		For >750, Deduct	*-0.36*	
06 51 13 00-0043	LF	2" x 3", Other Shapes, Recycled Plastic Lumber	7.86	1.05
		For Reinforced Structural Plastic Lumber, Add	*2.35*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.38*	
		For White Color, Add	*0.79*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*1.65*	
		For >750, Deduct	*-0.57*	
06 51 13 00-0044	LF	2" x 4", Other Shapes, Recycled Plastic Lumber	9.01	1.22
		For Reinforced Structural Plastic Lumber, Add	*2.69*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.44*	
		For White Color, Add	*0.91*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*1.89*	
		For >750, Deduct	*-0.65*	
06 51 13 00-0045	LF	2" x 6", Other Shapes, Recycled Plastic Lumber	12.62	1.30
		For Reinforced Structural Plastic Lumber, Add	*3.98*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.65*	
		For White Color, Add	*1.35*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*2.80*	
		For >750, Deduct	*-0.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0046	LF	2" x 8", Other Shapes, Recycled Plastic Lumber	16.29	1.38
		For Reinforced Structural Plastic Lumber, Add	*5.30*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.86*	
		For White Color, Add	*1.79*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*3.72*	
		For >750, Deduct	*-1.29*	
06 51 13 00-0047	LF	2" x 10", Other Shapes, Recycled Plastic Lumber	19.61	1.46
		For Reinforced Structural Plastic Lumber, Add	*6.49*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.05*	
		For White Color, Add	*2.19*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*4.56*	
		For >750, Deduct	*-1.58*	
06 51 13 00-0048	LF	2" x 12", Other Shapes, Recycled Plastic Lumber	23.75	1.54
		For Reinforced Structural Plastic Lumber, Add	*7.98*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.29*	
		For White Color, Add	*2.70*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*5.61*	
		For >750, Deduct	*-1.94*	
06 51 13 00-0049	LF	3" x 4", Other Shapes, Recycled Plastic Lumber	12.96	1.42
		For Reinforced Structural Plastic Lumber, Add	*4.04*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.66*	
		For White Color, Add	*1.37*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*2.84*	
		For >750, Deduct	*-0.98*	
06 51 13 00-0050	LF	3" x 6", Other Shapes, Recycled Plastic Lumber	19.12	1.51
		For Reinforced Structural Plastic Lumber, Add	*6.28*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.02*	
		For White Color, Add	*2.12*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*4.41*	
		For >750, Deduct	*-1.53*	
06 51 13 00-0051	LF	3" x 8", Other Shapes, Recycled Plastic Lumber	24.99	1.63
		For Reinforced Structural Plastic Lumber, Add	*8.40*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.36*	
		For White Color, Add	*2.84*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*5.90*	
		For >750, Deduct	*-2.04*	
06 51 13 00-0052	LF	3" x 10", Other Shapes, Recycled Plastic Lumber	29.01	1.71
		For Reinforced Structural Plastic Lumber, Add	*9.83*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.59*	
		For White Color, Add	*3.32*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*6.91*	
		For >750, Deduct	*-2.39*	
06 51 13 00-0053	LF	3" x 12", Other Shapes, Recycled Plastic Lumber	35.26	2.19
		For Reinforced Structural Plastic Lumber, Add	*11.89*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.93*	
		For White Color, Add	*4.02*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*8.35*	
		For >750, Deduct	*-2.89*	
06 51 13 00-0054	LF	4" x 4", Other Shapes, Recycled Plastic Lumber	18.01	1.54
		For Reinforced Structural Plastic Lumber, Add	*5.85*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.95*	
		For White Color, Add	*1.98*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*4.11*	
		For >500, Deduct	*-1.58*	
06 51 13 00-0055	LF	4" x 6", Other Shapes, Recycled Plastic Lumber	24.78	1.63
		For Reinforced Structural Plastic Lumber, Add	*8.31*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.35*	
		For White Color, Add	*2.81*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*5.84*	
		For >500, Deduct	*-2.25*	
06 51 13 00-0056	LF	4" x 8", Other Shapes, Recycled Plastic Lumber	33.40	1.76
		For Reinforced Structural Plastic Lumber, Add	*11.43*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.85*	
		For White Color, Add	*3.86*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*8.03*	
		For >500, Deduct	*-3.09*	
06 51 13 00-0057	LF	5" x 5", Other Shapes, Recycled Plastic Lumber	25.97	1.79
		For Reinforced Structural Plastic Lumber, Add	*8.67*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.41*	
		For White Color, Add	*2.93*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*6.09*	
		For >500, Deduct	*-2.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0058	LF	6" x 6", Other Shapes, Recycled Plastic Lumber	36.51	2.03
		For Reinforced Structural Plastic Lumber, Add	*12.44*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*2.02*	
		For White Color, Add	*4.20*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*8.74*	
		For >500, Deduct	*-3.36*	
06 51 13 00-0059	LF	6" x 8", Other Shapes, Recycled Plastic Lumber	50.50	2.19
		For Reinforced Structural Plastic Lumber, Add	*17.53*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*2.84*	
		For White Color, Add	*5.92*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*12.32*	
		For >500, Deduct	*-4.74*	
06 51 13 00-0060	LF	6" x 12", Other Shapes, Recycled Plastic Lumber	71.44	2.44
		For Reinforced Structural Plastic Lumber, Add	*25.15*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*4.08*	
		For White Color, Add	*8.50*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*17.67*	
		For >500, Deduct	*-6.80*	
06 51 13 00-0061	LF	8" x 8", Other Shapes, Recycled Plastic Lumber	63.49	2.34
		For Reinforced Structural Plastic Lumber, Add	*22.26*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*3.61*	
		For White Color, Add	*7.52*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*15.64*	
		For >500, Deduct	*-6.02*	
06 51 13 00-0062	LF	8" x 10", Other Shapes, Recycled Plastic Lumber	108.79	2.44
		For Reinforced Structural Plastic Lumber, Add	*38.97*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*6.32*	
		For White Color, Add	*13.17*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*27.38*	
		For >500, Deduct	*-10.53*	
06 51 13 00-0063	LF	10" x 10", Other Shapes, Recycled Plastic Lumber	151.11	2.55
		For Reinforced Structural Plastic Lumber, Add	*54.57*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*8.85*	
		For White Color, Add	*18.44*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*38.34*	
		For >500, Deduct	*-14.75*	
06 51 13 00-0064	LF	2" Diameter, Other Shapes, Recycled Plastic Lumber	5.70	0.81
		For Reinforced Structural Plastic Lumber, Add	*1.68*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.27*	
		For White Color, Add	*0.57*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*1.18*	
06 51 13 00-0065	LF	3-1/2" Diameter, Other Shapes, Recycled Plastic Lumber	16.63	1.05
		For Reinforced Structural Plastic Lumber, Add	*5.59*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.91*	
		For White Color, Add	*1.89*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*3.93*	
06 51 13 00-0066	LF	4" Diameter, Other Shapes, Recycled Plastic Lumber	18.33	1.22
		For Reinforced Structural Plastic Lumber, Add	*6.14*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.00*	
		For White Color, Add	*2.07*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*4.31*	
06 51 13 00-0067	LF	5" Diameter, Other Shapes, Recycled Plastic Lumber	22.70	1.46
		For Reinforced Structural Plastic Lumber, Add	*7.63*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.24*	
		For White Color, Add	*2.58*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*5.36*	
06 51 13 00-0068	LF	6" Diameter, Other Shapes, Recycled Plastic Lumber	50.56	1.71
		For Reinforced Structural Plastic Lumber, Add	*17.80*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*2.89*	
		For White Color, Add	*6.02*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*12.51*	
06 51 13 00-0069	SF	1/8" Thick, Other Shapes, Recycled Plastic Sheeting	4.56	0.89
06 51 13 00-0070	SF	1/4" Thick, Other Shapes, Recycled Plastic Sheeting	6.75	0.92
06 51 13 00-0071	SF	3/8" Thick, Other Shapes, Recycled Plastic Sheeting	9.82	0.99
06 51 13 00-0072	SF	1/2" Thick, Other Shapes, Recycled Plastic Sheeting	12.57	1.02

06 51 23 Plastic Channel and Shapes *(06 51)*

06 51 23 00-0001 Channel *(06 51 23)*

06 51 23 00-0002	LF	1-5/8" x 1-5/8" Plastic Polyester Channel (Cooper B-Line BFP22)	19.69	2.62
06 51 23 00-0003	LF	1-5/8" x 1-5/8" Plastic Polyester Channel (Cooper B-Line BFP22H1-7/8)	35.63	2.62
06 51 23 00-0004	LF	1-5/8" x 1-5/8" Plastic Polyester Channel (Cooper B-Line BFP22SH)	35.63	2.62
06 51 23 00-0005	LF	1-5/8" x 1-5/8" Plastic Polyester Channel (Cooper B-Line BFP22A)	46.25	2.62
06 51 23 00-0006	LF	1-5/8" x 1-5/8" Vinyl Ester Resin Channel (Cooper B-Line BFV22)	24.37	2.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 23 00-0007	LF	1-5/8" x 1-5/8" Vinyl Ester Resin Channel (Cooper B-Line BFV22H1-7/8)	40.52	2.62
06 51 23 00-0008	LF	1-5/8" x 1-5/8" Vinyl Ester Resin Channel (Cooper B-Line BFV22SH)	40.52	2.62
06 51 23 00-0009	LF	1-5/8" x 1-5/8" Vinyl Ester Resin Channel (Cooper B-Line BFV22A)	50.72	2.62
06 51 23 00-0010	LF	1-5/8" x 1" Plastic Polyester Channel (Cooper B-Line BFP42)	19.90	2.62
06 51 23 00-0011	LF	1-5/8" x 1" Plastic Polyester Channel (Cooper B-Line BFP42H1-7/8)	31.17	2.62
06 51 23 00-0012	LF	1-5/8" x 1" Plastic Polyester Channel (Cooper B-Line BFP42SH)	31.17	2.62
06 51 23 00-0013	LF	1-5/8" x 1" Plastic Polyester Channel (Cooper B-Line BFP42A)	41.79	2.62
06 51 23 00-0014	LF	1-5/8" x 1" Vinyl Ester Resin Channel (Cooper B-Line BFV42)	23.94	2.62
06 51 23 00-0015	LF	1-5/8" x 1" Vinyl Ester Resin Channel (Cooper B-Line BFV42H1-7/8)	35.63	2.62
06 51 23 00-0016	LF	1-5/8" x 1" Vinyl Ester Resin Channel (Cooper B-Line BFV42SH)	35.63	2.62
06 51 23 00-0017	LF	1-5/8" x 1" Vinyl Ester Resin Channel (Cooper B-Line BFV42A)	43.70	2.62

06 51 33 Carbon Fiber Plates *(06 51)*

06 51 33 00-0001 Carbon Fiber Plates *(06 51 33)*

Note: Outer Material: 2x2 Twill Carbon Fiber Prepreg, Inner Material: 0/90 (Balanced) Unidirectional Carbon Fiber Prepreg, Exterior Finish: Matte/Matte

06 51 33 00-0002	EA	6" x 6", 0.039" Thickness, Carbon Fiber Plates	19.91
06 51 33 00-0003	EA	6" x 12", 0.039" Thickness, Carbon Fiber Plates	31.43
06 51 33 00-0004	EA	6" x 24", 0.039" Thickness, Carbon Fiber Plates	54.33
06 51 33 00-0005	EA	12" x 12", 0.039" Thickness, Carbon Fiber Plates	54.33
06 51 33 00-0006	EA	12" x 24", 0.039" Thickness, Carbon Fiber Plates	96.98
06 51 33 00-0007	EA	12" x 48", 0.039" Thickness, Carbon Fiber Plates	180.02
06 51 33 00-0008	EA	24" x 24", 0.039" Thickness, Carbon Fiber Plates	180.60
06 51 33 00-0009	EA	24" x 48", 0.039" Thickness, Carbon Fiber Plates	344.19
06 51 33 00-0010	EA	38" x 48", 0.039" Thickness, Carbon Fiber Plates	516.72
06 51 33 00-0011	EA	38" x 96", 0.039" Thickness, Carbon Fiber Plates	1,029.65
06 51 33 00-0012	EA	6" x 6", 1/16" Thickness, Carbon Fiber Plates	24.97
06 51 33 00-0013	EA	6" x 12", 1/16" Thickness, Carbon Fiber Plates	44.09
06 51 33 00-0014	EA	6" x 24", 1/16" Thickness, Carbon Fiber Plates	75.85
06 51 33 00-0015	EA	12" x 12", 1/16" Thickness, Carbon Fiber Plates	75.85
06 51 33 00-0016	EA	12" x 24", 1/16" Thickness, Carbon Fiber Plates	134.96
06 51 33 00-0017	EA	12" x 48", 1/16" Thickness, Carbon Fiber Plates	254.72
06 51 33 00-0018	EA	24" x 24", 1/16" Thickness, Carbon Fiber Plates	255.30
06 51 33 00-0019	EA	24" x 48", 1/16" Thickness, Carbon Fiber Plates	483.45
06 51 33 00-0020	EA	38" x 48", 1/16" Thickness, Carbon Fiber Plates	731.94
06 51 33 00-0021	EA	38" x 96", 1/16" Thickness, Carbon Fiber Plates	1,460.09
06 51 33 00-0022	EA	6" x 6", 0.079" Thickness, Carbon Fiber Plates	30.04
06 51 33 00-0023	EA	6" x 12", 0.079" Thickness, Carbon Fiber Plates	49.16
06 51 33 00-0024	EA	6" x 24", 0.079" Thickness, Carbon Fiber Plates	87.25
06 51 33 00-0025	EA	12" x 12", 0.079" Thickness, Carbon Fiber Plates	87.25
06 51 33 00-0026	EA	12" x 24", 0.079" Thickness, Carbon Fiber Plates	174.21
06 51 33 00-0027	EA	12" x 48", 0.079" Thickness, Carbon Fiber Plates	333.21
06 51 33 00-0028	EA	24" x 24", 0.079" Thickness, Carbon Fiber Plates	333.79
06 51 33 00-0029	EA	24" x 48", 0.079" Thickness, Carbon Fiber Plates	553.08
06 51 33 00-0030	EA	38" x 48", 0.079" Thickness, Carbon Fiber Plates	840.82
06 51 33 00-0031	EA	38" x 96", 0.079" Thickness, Carbon Fiber Plates	1,666.45
06 51 33 00-0032	EA	6" x 6", 3/32" Thickness, Carbon Fiber Plates	33.84
06 51 33 00-0033	EA	6" x 12", 3/32" Thickness, Carbon Fiber Plates	58.02
06 51 33 00-0034	EA	6" x 24", 3/32" Thickness, Carbon Fiber Plates	96.11
06 51 33 00-0035	EA	12" x 12", 3/32" Thickness, Carbon Fiber Plates	96.11
06 51 33 00-0036	EA	12" x 24", 3/32" Thickness, Carbon Fiber Plates	176.74
06 51 33 00-0037	EA	12" x 48", 3/32" Thickness, Carbon Fiber Plates	331.94
06 51 33 00-0038	EA	24" x 24", 3/32" Thickness, Carbon Fiber Plates	332.52
06 51 33 00-0039	EA	24" x 48", 3/32" Thickness, Carbon Fiber Plates	635.37
06 51 33 00-0040	EA	38" x 48", 3/32" Thickness, Carbon Fiber Plates	961.09
06 51 33 00-0041	EA	38" x 96", 3/32" Thickness, Carbon Fiber Plates	1,915.85
06 51 33 00-0042	EA	6" x 6", 0.119" Thickness, Carbon Fiber Plates	38.90
06 51 33 00-0043	EA	6" x 12", 0.119" Thickness, Carbon Fiber Plates	70.68
06 51 33 00-0044	EA	6" x 24", 0.119" Thickness, Carbon Fiber Plates	113.83
06 51 33 00-0045	EA	12" x 12", 0.119" Thickness, Carbon Fiber Plates	113.83
06 51 33 00-0046	EA	12" x 24", 0.119" Thickness, Carbon Fiber Plates	204.59
06 51 33 00-0047	EA	12" x 48", 0.119" Thickness, Carbon Fiber Plates	390.18
06 51 33 00-0048	EA	24" x 24", 0.119" Thickness, Carbon Fiber Plates	390.76
06 51 33 00-0049	EA	24" x 48", 0.119" Thickness, Carbon Fiber Plates	741.71
06 51 33 00-0050	EA	38" x 48", 0.119" Thickness, Carbon Fiber Plates	1,124.40
06 51 33 00-0051	EA	38" x 96", 0.119" Thickness, Carbon Fiber Plates	2,238.68
06 51 33 00-0052	EA	6" x 6", 1/8" Thickness, Carbon Fiber Plates	37.63
06 51 33 00-0053	EA	6" x 12", 1/8" Thickness, Carbon Fiber Plates	66.88
06 51 33 00-0054	EA	6" x 24", 1/8" Thickness, Carbon Fiber Plates	113.83
06 51 33 00-0055	EA	12" x 12", 1/8" Thickness, Carbon Fiber Plates	113.83
06 51 33 00-0056	EA	12" x 24", 1/8" Thickness, Carbon Fiber Plates	190.66
06 51 33 00-0057	EA	12" x 48", 1/8" Thickness, Carbon Fiber Plates	369.92
06 51 33 00-0058	EA	24" x 24", 1/8" Thickness, Carbon Fiber Plates	370.50
06 51 33 00-0059	EA	24" x 48", 1/8" Thickness, Carbon Fiber Plates	703.73
06 51 33 00-0060	EA	38" x 48", 1/8" Thickness, Carbon Fiber Plates	1,111.74
06 51 33 00-0061	EA	38" x 96", 1/8" Thickness, Carbon Fiber Plates	2,174.11
06 51 33 00-0062	EA	6" x 6", 0.157" Thickness, Carbon Fiber Plates	46.50
06 51 33 00-0063	EA	6" x 12", 0.157" Thickness, Carbon Fiber Plates	92.20
06 51 33 00-0064	EA	6" x 24", 0.157" Thickness, Carbon Fiber Plates	139.15
06 51 33 00-0065	EA	12" x 12", 0.157" Thickness, Carbon Fiber Plates	139.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 33 00-0066	EA	12" x 24", 0.157" Thickness, Carbon Fiber Plates	241.30	
06 51 33 00-0067	EA	12" x 48", 0.157" Thickness, Carbon Fiber Plates	459.81	
06 51 33 00-0068	EA	24" x 24", 0.157" Thickness, Carbon Fiber Plates	460.39	
06 51 33 00-0069	EA	24" x 48", 0.157" Thickness, Carbon Fiber Plates	880.97	
06 51 33 00-0070	EA	38" x 48", 0.157" Thickness, Carbon Fiber Plates	1,334.56	
06 51 33 00-0071	EA	38" x 96", 0.157" Thickness, Carbon Fiber Plates	2,662.79	
06 51 33 00-0072	EA	6" x 6", 3/16" Thickness, Carbon Fiber Plates	52.83	
06 51 33 00-0073	EA	6" x 12", 3/16" Thickness, Carbon Fiber Plates	94.73	
06 51 33 00-0074	EA	6" x 24", 3/16" Thickness, Carbon Fiber Plates	159.41	
06 51 33 00-0075	EA	12" x 12", 3/16" Thickness, Carbon Fiber Plates	159.41	
06 51 33 00-0076	EA	12" x 24", 3/16" Thickness, Carbon Fiber Plates	274.22	
06 51 33 00-0077	EA	12" x 48", 3/16" Thickness, Carbon Fiber Plates	529.44	
06 51 33 00-0078	EA	24" x 24", 3/16" Thickness, Carbon Fiber Plates	530.02	
06 51 33 00-0079	EA	24" x 48", 3/16" Thickness, Carbon Fiber Plates	1,007.57	
06 51 33 00-0080	EA	38" x 48", 3/16" Thickness, Carbon Fiber Plates	1,524.46	
06 51 33 00-0081	EA	38" x 96", 3/16" Thickness, Carbon Fiber Plates	3,029.93	
06 51 33 00-0082	EA	6" x 6", 0.197" Thickness, Carbon Fiber Plates	54.09	
06 51 33 00-0083	EA	6" x 12", 0.197" Thickness, Carbon Fiber Plates	101.06	
06 51 33 00-0084	EA	6" x 24", 0.197" Thickness, Carbon Fiber Plates	173.34	
06 51 33 00-0085	EA	12" x 12", 0.197" Thickness, Carbon Fiber Plates	151.81	
06 51 33 00-0086	EA	12" x 24", 0.197" Thickness, Carbon Fiber Plates	304.60	
06 51 33 00-0087	EA	12" x 48", 0.197" Thickness, Carbon Fiber Plates	534.50	
06 51 33 00-0088	EA	24" x 24", 0.197" Thickness, Carbon Fiber Plates	535.08	
06 51 33 00-0089	EA	24" x 48", 0.197" Thickness, Carbon Fiber Plates	1,015.17	
06 51 33 00-0090	EA	38" x 48", 0.197" Thickness, Carbon Fiber Plates	1,542.18	
06 51 33 00-0091	EA	38" x 96", 0.197" Thickness, Carbon Fiber Plates	3,061.58	
06 51 33 00-0092	EA	6" x 6", 1/4" Thickness, Carbon Fiber Plates	62.95	
06 51 33 00-0093	EA	6" x 12", 1/4" Thickness, Carbon Fiber Plates	113.72	
06 51 33 00-0094	EA	6" x 24", 1/4" Thickness, Carbon Fiber Plates	189.79	
06 51 33 00-0095	EA	12" x 12", 1/4" Thickness, Carbon Fiber Plates	189.79	
06 51 33 00-0096	EA	12" x 24", 1/4" Thickness, Carbon Fiber Plates	342.58	
06 51 33 00-0097	EA	12" x 48", 1/4" Thickness, Carbon Fiber Plates	654.77	
06 51 33 00-0098	EA	24" x 24", 1/4" Thickness, Carbon Fiber Plates	655.35	
06 51 33 00-0099	EA	24" x 48", 1/4" Thickness, Carbon Fiber Plates	1,248.11	
06 51 33 00-0100	EA	38" x 48", 1/4" Thickness, Carbon Fiber Plates	1,896.66	
06 51 33 00-0101	EA	38" x 96", 1/4" Thickness, Carbon Fiber Plates	3,769.27	

06 52 Plastic Structural Assemblies *(06 50)*

06 52 13 Plastic Columns *(06 52)*

06 52 13 00-0001 Round Fiberglass Columns *(06 52 13)*

06 52 13 00-0002	LF	6" Diameter, Round Fiberglass Column	20.65	8.06
06 52 13 00-0003	LF	8" Diameter, Round Fiberglass Column	29.38	11.71
06 52 13 00-0004	LF	10" Diameter, Round Fiberglass Column	33.80	13.18
06 52 13 00-0005	LF	12" Diameter, Round Fiberglass Column	39.98	13.79
06 52 13 00-0006	LF	15" Diameter, Round Fiberglass Column	48.19	15.92
06 52 13 00-0007	EA	6" Diameter, Base And Cap For Round Fiberglass Columns	39.54	15.25
06 52 13 00-0008	EA	8" Diameter, Base And Cap For Round Fiberglass Columns	43.51	16.47
06 52 13 00-0009	EA	10" Diameter, Base And Cap For Round Fiberglass Columns	50.48	18.31
06 52 13 00-0010	EA	12" Diameter, Base And Cap For Round Fiberglass Columns	65.71	19.52
06 52 13 00-0011	EA	15" Diameter, Base And Cap For Round Fiberglass Columns	85.43	21.35

06 52 13 00-0012 Fluted Fiberglass Columns *(06 52 13)*

06 52 13 00-0013	LF	6" Diameter, Fluted Fiberglass Column	21.53	8.06
06 52 13 00-0014	LF	8" Diameter, Fluted Fiberglass Column	30.56	11.71
06 52 13 00-0015	LF	10" Diameter, Fluted Fiberglass Column	35.29	13.18
06 52 13 00-0016	LF	12" Diameter, Fluted Fiberglass Column	42.48	13.79
06 52 13 00-0017	LF	15" Diameter, Fluted Fiberglass Column	51.46	15.98
06 52 13 00-0018	EA	6" Diameter, Base And Cap For Fluted Fiberglass Columns	41.34	15.25
06 52 13 00-0019	EA	8" Diameter, Base And Cap For Fluted Fiberglass Columns	45.62	16.47
06 52 13 00-0020	EA	10" Diameter, Base And Cap For Fluted Fiberglass Columns	53.26	18.31
06 52 13 00-0021	EA	12" Diameter, Base And Cap For Fluted Fiberglass Columns	71.05	19.52
06 52 13 00-0022	EA	15" Diameter, Base And Cap For Fluted Fiberglass Columns	93.98	21.35

06 52 13 00-0023 Ornamental Or Decorative Cap And Base For Fiberglass Columns *(06 52 13)*

06 52 13 00-0024	EA	8" Roman Ionic Cap And Base For Fiberglass Columns	132.17	18.31
06 52 13 00-0025	EA	10" Roman Ionic Cap And Base For Fiberglass Columns	173.96	21.35
06 52 13 00-0026	EA	12" Roman Ionic Cap And Base For Fiberglass Columns	220.59	24.41
06 52 13 00-0027	EA	8" Scamozzi Cap And Base For Fiberglass Columns	154.55	18.31
06 52 13 00-0028	EA	10" Scamozzi Cap And Base For Fiberglass Columns	185.45	21.35
06 52 13 00-0029	EA	12" Scamozzi Cap And Base For Fiberglass Columns	265.35	24.41
06 52 13 00-0030	EA	8" Corinthian Cap And Base For Fiberglass Columns	190.84	18.31
06 52 13 00-0031	EA	10" Corinthian Cap And Base For Fiberglass Columns	230.81	21.35
06 52 13 00-0032	EA	12" Corinthian Cap And Base For Fiberglass Columns	302.86	24.41
06 52 13 00-0033	EA	8" Temple Of Winds Cap And Base For Fiberglass Columns	133.98	18.31
06 52 13 00-0034	EA	10" Temple Of Winds Cap And Base For Fiberglass Columns	177.59	21.35
06 52 13 00-0035	EA	12" Temple Of Winds Cap And Base For Fiberglass Columns	224.22	24.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 52 13 00-0036	EA	8" Greek Erectheum Cap And Base For Fiberglass Columns	133.98	18.31
06 52 13 00-0037	EA	10" Greek Erectheum Cap And Base For Fiberglass Columns	160.65	21.35
06 52 13 00-0038	EA	12" Greek Erectheum Cap And Base For Fiberglass Columns	209.10	24.41

06 53 Plastic Decking *(06 50)*

06 53 16 Plastic Stair Treads *(06 53)*

06 53 16 00-0001 Fiberglass Reinforced Plastic Stair Treads *(06 53 16)*

Note: Includes standard colors and anchors. Excludes stringers.

06 53 16 00-0002	LF	1" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer	51.43	3.14
06 53 16 00-0003	LF	1-1/2" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer	69.74	3.76
06 53 16 00-0004	LF	2" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer	93.66	4.14

06 60 Plastic Fabrications *(06)*

06 65 Plastic Trim *(06 60)*

06 65 00 00-0001 Plastic Moldings *(06 65)*

Note: All dimensions are nominal.

06 65 00 00-0002 Base, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0003	LF	3-1/2" High, Base, Plastic Molding	6.28	2.30
06 65 00 00-0004	LF	4-1/2" High, Base, Plastic Molding	7.70	2.88
06 65 00 00-0005	LF	3/4" x 1", Base Shoe, Plastic Molding	5.94	2.42

06 65 00 00-0006 Cornice, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0007	LF	1" x 2" Cornice, Plastic Molding	5.86	2.30
06 65 00 00-0008	LF	1" x 4" Cornice, Plastic Molding	7.06	2.42
06 65 00 00-0009	LF	1" x 6" Cornice, Plastic Molding	9.33	2.54
06 65 00 00-0010	LF	1" x 8" Cornice, Plastic Molding	10.60	2.65
06 65 00 00-0011	LF	1" x 10" Cornice, Plastic Molding	12.07	2.76
06 65 00 00-0012	LF	1" x 12" Cornice, Plastic Molding	15.15	2.88

06 65 00 00-0013 Crown Or Bed, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0014	LF	9/16" x 1-5/8" Crown Or Bed, Plastic Molding	9.64	2.30
06 65 00 00-0015	LF	9/16" x 2-1/4" Crown Or Bed, Plastic Molding	12.82	2.88
06 65 00 00-0016	LF	9/16" x 3-1/2" Crown Or Bed, Plastic Molding	13.31	2.88
06 65 00 00-0017	LF	9/16" x 3-5/8" Crown Or Bed, Plastic Molding	13.79	2.88
06 65 00 00-0018	LF	5/8" x 4-1/4" Crown Or Bed, Plastic Molding	17.84	3.45
06 65 00 00-0019	LF	11/16" x 4-5/8" Crown Or Bed, Plastic Molding	20.85	3.45

06 65 00 00-0020 Dentil, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0021	LF	11/16" x 1-3/8" Dentil, Plastic Molding	8.36	2.30
06 65 00 00-0022	LF	5/8" x 2-1/2" Dentil, Plastic Molding	9.28	2.30
06 65 00 00-0023	LF	1-3/8" x 3-3/8" Dentil, Plastic Molding	11.35	2.30
06 65 00 00-0024	LF	1-1/2" x 4-1/2" Dentil, Plastic Molding	14.92	2.30

06 65 00 00-0025 Cove, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0026	LF	3/8" x 3/8" Cove, Plastic Molding	3.34	1.27
06 65 00 00-0027	LF	1/2" x 1/2" Cove, Plastic Molding	3.59	1.27
06 65 00 00-0028	LF	5/8" x 5/8" Cove, Plastic Molding	4.66	1.50
06 65 00 00-0029	LF	3/4" x 3/4" Cove, Plastic Molding	4.66	1.50
06 65 00 00-0030	LF	15/16" x 15/16" Cove, Plastic Molding	5.74	1.50
06 65 00 00-0031	LF	9/16" x 1-3/4" Cove, Plastic Molding	7.43	1.72
06 65 00 00-0032	LF	11/16" x 2-3/4" Cove, Plastic Molding	9.70	1.72

06 65 00 00-0033 Chair Rail, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0034	LF	1/2" x 1-5/8" Chair Rail, Plastic Molding	5.47	1.72
06 65 00 00-0035	LF	5/8" x 2-1/2" Chair Rail, Plastic Molding	7.36	2.30
06 65 00 00-0036	LF	5/8" x 3-1/2" Chair Rail, Plastic Molding	8.76	2.30

06 65 00 00-0037 Door, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0038	LF	1-1/8" Wide, Door, Plastic Molding	4.96	2.07
06 65 00 00-0039	LF	1-1/8" Wide, Detailed Door, Plastic Molding	5.00	2.07

06 65 00 00-0040 Trim, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0041	LF	1/2" x 1/2" Quarter Round Trim, Plastic Molding	5.32	2.42
06 65 00 00-0042	LF	3/4" x 3/4" Quarter Round Trim, Plastic Molding	7.43	2.42
06 65 00 00-0043	LF	1-1/4" x 2" Brick Mould, Plastic Molding	6.54	2.30
06 65 00 00-0044	LF	1-17/32" x 1-1/2" x 1-3/8" Sill Nose, Plastic Molding	7.45	2.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 65 00 00-0045	LF	11/16" x 1-5/8" Drip Cap, Plastic Molding	5.66	2.30
06 65 00 00-0046	LF	2-3/4" x 2" Water Table, Plastic Molding	8.11	2.30
06 65 00 00-0047	LF	3/8" x 2" Garage Door Stop, Plastic Molding	6.16	2.30

06 65 00 00-0048 Extruded Polyvinyl Chloride (PVC) Trimboard *(06 65)*

Note: As manufactured by Azek or Kleer. All dimensions are nominal.

06 65 00 00-0049	LF	1" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard	3.80	0.92
06 65 00 00-0050	LF	1" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard	5.37	1.04
06 65 00 00-0051	LF	1" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard	7.00	1.15
06 65 00 00-0052	LF	1" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard	8.39	1.18
06 65 00 00-0053	LF	1" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard	9.92	1.21
06 65 00 00-0054	LF	5/4" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard	4.61	0.92
06 65 00 00-0055	LF	5/4" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard	6.62	1.04
06 65 00 00-0056	LF	5/4" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard	8.39	1.15
06 65 00 00-0057	LF	5/4" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard	10.30	1.18
06 65 00 00-0058	LF	5/4" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard	12.05	1.21
06 65 00 00-0059	LF	3-1/2" x 3-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board	9.86	1.18
06 65 00 00-0060	LF	5-1/2" x 5-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board	13.00	1.21
06 65 00 00-0061	SF	1/2" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets	6.94	1.04
06 65 00 00-0062	SF	3/4" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets	9.93	1.15

06 70 Structural Composites *(06)*

06 74 Composite Gratings *(06 70)*

06 74 13 Fiberglass Reinforced Gratings *(06 74)*

06 74 13 00-0001 Molded Fiberglass Gratings And Coverings *(06 74 13)*

06 74 13 00-0002 Vi-Corr Resin System *(06 74 13 00-0001)*

Note: Orange or dark gray.

06 74 13 00-0003	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, Vi-Corr Resin, Meniscus Top	38.88	2.25
06 74 13 00-0004	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top	37.80	2.25
06 74 13 00-0005	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top	48.97	2.25
06 74 13 00-0006	SF	2" Molded Fiberglass Grate, 2" x 2" Mesh, Vi-Corr Resin, Meniscus Top	53.22	2.89
06 74 13 00-0007	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, Vi-Corr Resin, Applied Grit Top	40.74	2.25
06 74 13 00-0008	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top	39.62	2.25
06 74 13 00-0009	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top	51.66	2.25
06 74 13 00-0010	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Vi-Corr Resin, Applied Grit Top	55.75	2.89
06 74 13 00-0011	SF	1/4" Vi-Corr Resin Polyester Resin, Fiberplate Covering	36.66	1.81
06 74 13 00-0012	SF	1/2" Vi-Corr Resin Polyester Resin, Fiberplate Covering	58.91	1.99
06 74 13 00-0013	SF	3/4 Vi-Corr Resin Polyester Resin, Fiberplate Covering	80.44	2.18

06 74 13 00-0014 IFR Fire Retardant Isophthalic Resin *(06 74 13 00-0001)*

06 74 13 00-0015	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	35.85	2.25
06 74 13 00-0016	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	33.65	2.25
06 74 13 00-0017	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	42.97	2.25
06 74 13 00-0018	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	46.56	2.89
06 74 13 00-0019	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	37.38	2.25
06 74 13 00-0020	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	34.52	2.25
06 74 13 00-0021	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	46.88	2.89
06 74 13 00-0022	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	49.07	2.89
06 74 13 00-0023	SF	1/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	32.43	1.81
06 74 13 00-0024	SF	1/2" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	45.61	1.99
06 74 13 00-0025	SF	3/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	62.37	2.18

06 74 13 00-0026 Corvex Polyester Resin *(06 74 13 00-0001)*

Note: Dark gray.

06 74 13 00-0027	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, Corvex Polyester Resin, Meniscus Top	30.60	2.25
06 74 13 00-0028	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top	29.43	2.25
06 74 13 00-0029	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top	35.43	2.25
06 74 13 00-0030	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Meniscus Top	40.84	2.89
06 74 13 00-0031	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, Corvex Polyester Resin, Applied Grit Top	32.53	2.25
06 74 13 00-0032	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top	31.35	2.25
06 74 13 00-0033	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top	37.67	2.25
06 74 13 00-0034	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Applied Grit Top	42.76	2.89
06 74 13 00-0035	SF	1/4" Corvex Polyester Resin, Fiberplate Covering	28.74	1.81
06 74 13 00-0036	SF	1/2" Corvex Polyester Resin, Fiberplate Covering	45.41	1.99
06 74 13 00-0037	SF	3/4" Corvex Polyester Resin, Fiberplate Covering	62.69	2.18

06 74 13 00-0038 XFR Extra Fire Retardant *(06 74 13 00-0001)*

06 74 13 00-0039	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, XFR Extra Fire Retardant, Meniscus Top	44.47	2.25
06 74 13 00-0040	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top	43.21	2.25
06 74 13 00-0041	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top	58.72	2.25
06 74 13 00-0042	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Meniscus Top	62.94	2.89
06 74 13 00-0043	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh XFR Extra Fire Retardant, Applied Grit Top	46.36	2.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 74 13 00-0044	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top	45.13	2.25
06 74 13 00-0045	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top	60.96	2.25
06 74 13 00-0046	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Applied Grit Top	65.66	2.89
06 74 13 00-0047	SF	1/4" XFR Extra Fire Retardant Resin, Fiberplate Covering	41.86	1.81
06 74 13 00-0048	SF	1/2" XFR Extra Fire Retardant Resin, Fiberplate Covering	67.21	1.99
06 74 13 00-0049		**ELS Extremely Low Smoke Resin** *(06 74 13 00-0001)*		
06 74 13 00-0050	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	45.58	2.25
06 74 13 00-0051	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	44.23	2.25
06 74 13 00-0052	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	57.18	2.25
06 74 13 00-0053	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	61.49	2.89
06 74 13 00-0054	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	47.33	2.25
06 74 13 00-0055	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	46.22	2.25
06 74 13 00-0056	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	59.34	2.25
06 74 13 00-0057	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	63.67	2.89
06 74 13 00-0058	SF	1/4" ELS Extremity Low Smoke Resin, Fiberplate Covering	46.68	1.81
06 74 13 00-0059	SF	1/2 ELS Extremity Low Smoke Resin, Fiberplate Covering	83.51	1.99
06 74 13 00-0060		**Pultruded Fiberglass Grating** *(06 74 13)*		
06 74 13 00-0061		**ISOFR Isophthalic Polyester Resin System** *(06 74 13 00-0060)*		
		Note: For moderately corrosive environments, green.		
06 74 13 00-0062		**1" ISOFR Isophthalic Polyester Resin System** *(06 74 13 00-0061)*		
06 74 13 00-0063	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	32.74	2.89
06 74 13 00-0064	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	29.18	2.25
06 74 13 00-0065	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	36.87	2.89
06 74 13 00-0066	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	34.18	2.25
06 74 13 00-0067	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin	25.79	2.89
06 74 13 00-0068	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin	22.97	2.25
06 74 13 00-0069	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	29.38	2.89
06 74 13 00-0070	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	26.63	2.25
06 74 13 00-0071		**1-1/2" ISOFR Isophthalic Polyester Resin System** *(06 74 13 00-0061)*		
06 74 13 00-0072	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	36.83	2.89
06 74 13 00-0073	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	33.37	2.25
06 74 13 00-0074	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	41.26	2.89
06 74 13 00-0075	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	38.78	2.25
06 74 13 00-0076	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	32.52	2.89
06 74 13 00-0077	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	29.77	2.25
06 74 13 00-0078		**2" ISOFR Isophthalic Polyester Resin System** *(06 74 13 00-0061)*		
06 74 13 00-0079	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	32.39	2.89
06 74 13 00-0080	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	35.70	2.89
06 74 13 00-0081	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin	42.86	2.89
06 74 13 00-0082	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin	40.52	2.89
06 74 13 00-0083		**VERF Vinyl Ester Resin System** *(06 74 13 00-0060)*		
06 74 13 00-0084		**1" VERF Vinyl Ester Resin System** *(06 74 13 00-0083)*		
06 74 13 00-0085	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	34.60	2.25
06 74 13 00-0086	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	31.06	2.25
06 74 13 00-0087	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VERF Vinyl Ester Resin	38.78	2.25
06 74 13 00-0088	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VERF Vinyl Ester Resin	44.36	2.25
06 74 13 00-0089	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, VERF Vinyl Ester Resin	26.81	2.25
06 74 13 00-0090	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, VERF Vinyl Ester Resin	24.08	2.25
06 74 13 00-0091	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VERF Vinyl Ester Resin	30.62	2.25
06 74 13 00-0092	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VERF Vinyl Ester Resin	28.19	2.25
06 74 13 00-0093		**1-1/2" VERF Vinyl Ester Resin System** *(06 74 13 00-0083)*		
06 74 13 00-0094	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	37.88	2.25
06 74 13 00-0095	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	34.38	2.25
06 74 13 00-0096	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VERF Vinyl Ester Resin	43.15	2.25
06 74 13 00-0097	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VERF Vinyl Ester Resin	40.36	2.25
06 74 13 00-0098	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VERF Vinyl Ester Resin	34.16	2.25
06 74 13 00-0099	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VERF Vinyl Ester Resin	31.55	2.25
06 74 13 00-0100		**2" VERF Vinyl Ester Resin System** *(06 74 13 00-0083)*		
06 74 13 00-0101	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	33.96	2.89
06 74 13 00-0102	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	31.43	2.89
06 74 13 00-0103	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, VERF Vinyl Ester Resin	45.06	2.89
06 74 13 00-0104	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, VERF Vinyl Ester Resin	43.80	2.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 74 13 00-0105		**Moltruded Fiberglass Rigidex Grating** *(06 74 13 00-0060)*		
06 74 13 00-0106	SF	Rigidex I, 1-1/2" Deep Fiberglass Grating, 1-1/2" x 4" Bar Space, Metallic Grey Color, Moltruded, Corvex Resin	24.10	2.51
06 74 13 00-0107	SF	Rigidex I, 2" Deep Fiberglass Grating, 1-1/2" x 4" Bar Space, Metallic Grey Color, Moltruded, Corvex Resin	28.98	3.14
06 74 13 00-0108	SF	Rigidex II, 1-1/2" Deep Fiberglass Grating, 1" x 4" Bar Space, Yellow Color, Moltruded, SOFR Resin	32.28	2.51
06 74 13 00-0109	SF	Rigidex II, 2" Deep Fiberglass Grating, 1" x 4" Bar Space, Yellow Color, Moltruded, ISOFR Resin	37.16	3.14

06 80 Composite Fabrications *(06)*

06 81 Composite Railings *(06 80)*

06 81 13 Glass-Fiber-Reinforced Plastic Railings *(06 81)*

06 81 13 00-0001		**Fiberglass Handrail Assemblies** *(06 81 13)* Note: Assembly includes posts, rails, kick plates, fasteners and accessories. Not to be used in conjunction with handrail components.		
06 81 13 00-0002	LF	Fiberglass Side Mount Handrail, 2-1/8" Square Tube Posts Up To 42" High, Set 5' On Center, Two Horizontal 1-3/4" Square Tube Rails, 4" Kick Plate, Stainless Steel Fasteners And Accessories Assembly	77.74	25.10
		For Each LF Of Anchoring Posts Into Masonry Or Concrete, Add	*3.00*	
		For Sloped Floor Installation, Add	*6.40*	
		For Stair Installation (Without Kick Plates), Add	*12.11*	
06 81 13 00-0003	LF	Fiberglass Top Mount Handrail, 2-1/8" Square Tube Posts Up To 42" High, Set 5' On Center, Two Horizontal 1-3/4" Square Tube Rails, 4" Kick Plate, Stainless Steel Fasteners And Accessories Assembly	85.40	23.53
06 81 13 00-0004	LF	Fiberglass Handrail For Stairs, 2-1/8" Square Tube Posts Up To 42" High, Set 5' On Center, Two Horizontal 1-3/4" Square Tube Rails, Stainless Steel Fasteners And Accessories Assembly	85.86	31.37
06 81 13 00-0005		**Fiberglass Handrail Components** *(06 81 13)* Note: This section is only to be used when entire handrail assembly is not required.		
06 81 13 00-0006	LF	Fiberglass Kick Plate (12' Sections) With Splice Kit	18.51	6.27
06 81 13 00-0007	LF	Fiberglass Kick Plate (24' sections) With Splice Kit	16.85	6.27
06 81 13 00-0008	EA	Fiberglass Side Mount Post For Handrail	165.88	37.65
06 81 13 00-0009	EA	Fiberglass Top Mount Post For Handrail With Stainless Steel Base	181.88	25.10
06 81 13 00-0010	LF	Fiberglass Square Tube (12' sections) For Horizontal Handrail, ISOFR 1-3/4" x 1/8"	20.51	7.53
06 81 13 00-0011	LF	Fiberglass Square Tube (24' sections) For Horizontal Handrail, ISOFR 1-3/4" x 1/8"	19.66	7.53
06 81 13 00-0012	LF	Fiberglass Square Tube (21' sections) For Horizontal Handrail, ISOFR 2-1/8" x 3/16"	20.93	7.53

06 82 Composite Trim *(06 80)*

06 82 00 00-0001		**Fiberglass Castings** *(06 82)*		
06 82 00 00-0002		**Fiberglass Angle, Equal Legs** *(06 82 00 00-0001)*		
06 82 00 00-0003	LF	1" x 1" x 1/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	10.17	3.76
06 82 00 00-0004	LF	1" x 1" x 1/8" Thick Fiberglass Angle, VERF Vinyl Ester Resin	10.56	3.76
06 82 00 00-0005	LF	3" x 3" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	17.65	4.52
06 82 00 00-0006	LF	3" x 3" x 1/4" Thick Fiberglass Angle, VERF Vinyl Ester Resin	19.23	4.52
06 82 00 00-0007	LF	4" x 4" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	19.33	4.52
06 82 00 00-0008	LF	4" x 4" x 1/4" Thick Fiberglass Angle, VERF Vinyl Ester Resin	20.48	4.52
06 82 00 00-0009	LF	4" x 4" x 3/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	22.02	4.52
06 82 00 00-0010	LF	4" x 4" x 3/8" Thick Fiberglass Angle, VERF Vinyl Ester Resin	24.47	4.52
06 82 00 00-0011	LF	6" x 6" x 1/2" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	55.78	5.65
06 82 00 00-0012	LF	6" x 6" x 1/2" Thick Fiberglass Angle, VERF Vinyl Ester Resin	63.70	5.65
06 82 00 00-0013		**Fiberglass Channels** *(06 82 00 00-0001)*		
06 82 00 00-0014	LF	3" x 1" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	11.85	5.65
06 82 00 00-0015	LF	3" x 1" x 1/4" Fiberglass Channel, VERF Vinyl Ester Resin	12.24	5.65
06 82 00 00-0016	LF	4" x 1 1/8" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	22.36	6.40
06 82 00 00-0017	LF	4" x 1 1/8" x 1/4" Fiberglass Channel, VERF Vinyl Ester Resin	22.36	6.40
06 82 00 00-0018	LF	6" x 1 11/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	33.47	6.40
06 82 00 00-0019	LF	6" x 1 11/16" x 3/8" Fiberglass Channel, VERF Vinyl Ester Resin	38.48	6.40
06 82 00 00-0020	LF	8" x 2 3/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	31.61	6.40
06 82 00 00-0021	LF	8" x 2 3/16" x 3/8" Fiberglass Channel, VERF Vinyl Ester Resin	38.44	6.40
06 82 00 00-0022	LF	10" x 2-3/4" x 1/2" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	48.26	8.79
06 82 00 00-0023	LF	10" x 2-3/4" x 1/2" Fiberglass Channel, VERF Vinyl Ester Resin	54.71	8.79
06 82 00 00-0024		**Fiberglass Wide Flange Beams** *(06 82 00 00-0001)*		
06 82 00 00-0025	LF	4" x 4" x 1/4"Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	30.91	7.53
06 82 00 00-0026	LF	4" x 4" x 1/4" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	33.40	7.53
06 82 00 00-0027	LF	6" x 6" x 1/4" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	39.21	9.04
06 82 00 00-0028	LF	6" x 6" x 1/4" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	40.40	9.04
06 82 00 00-0029	LF	8" x 8" x 3/8" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	61.44	11.29
06 82 00 00-0030	LF	8" x 8" x 3/8" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	75.51	11.29
06 82 00 00-0031	LF	10" x 10" x 1/2" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	130.11	13.81
06 82 00 00-0032	LF	10" x 10" x 1/2" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	145.50	13.81
06 82 00 00-0033		**Fiberglass Flat Sheet** *(06 82 00 00-0001)* Note: Not to be used for bathroom board.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 82 00 00-0034	SF	1/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	25.66	6.40
06 82 00 00-0035	SF	1/8" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	26.64	6.40
06 82 00 00-0036	SF	1/4" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	38.90	7.53
06 82 00 00-0037	SF	1/4" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	44.12	7.53
06 82 00 00-0038	SF	3/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	52.12	9.04
06 82 00 00-0039	SF	3/8" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	59.96	9.04
06 82 00 00-0040	SF	1/2" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	69.79	11.29
06 82 00 00-0041	SF	1/2" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	81.80	11.29
06 82 00 00-0042		Fiberglass Bars *(06 82 00 00-0001)*		
06 82 00 00-0043		Square Bars *(06 82 00 00-0042)*		
06 82 00 00-0044	LF	1" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin	15.65	4.52
06 82 00 00-0045	LF	1-1/4" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin	21.66	6.65
06 82 00 00-0046	LF	1-1/2" Square Fiberglass Solid Square Bar, ISOFR Isophthalic Polyester Resin	25.23	8.79
06 82 00 00-0047		Round Bars *(06 82 00 00-0042)*		
06 82 00 00-0048	LF	1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	10.52	3.76
06 82 00 00-0049	LF	1" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	21.24	5.65
06 82 00 00-0050	LF	1" Diameter Fiberglass Solid Round Bar, VERF Vinyl Ester Resin	23.62	5.65
06 82 00 00-0051	LF	1-1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	30.29	5.65
06 82 00 00-0052	LF	1-1/2" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	36.03	6.40
06 82 00 00-0053		Fiberglass Tubes *(06 82 00 00-0001)*		
06 82 00 00-0054		Square Tube *(06 82 00 00-0053)*		
06 82 00 00-0055	LF	1" x 1" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	11.60	3.76
06 82 00 00-0056	LF	1" x 1" x 1/8" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	12.37	3.76
06 82 00 00-0057	LF	2" x 2" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	16.58	4.52
06 82 00 00-0058	LF	2" x 2" x 1/8" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	17.94	4.52
06 82 00 00-0059	LF	3" x 3" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	30.00	5.65
06 82 00 00-0060	LF	3" x 3" x 1/4" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	33.14	5.65
06 82 00 00-0061	LF	4" x 4" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	35.37	6.77
06 82 00 00-0062	LF	4" x 4" x 1/4" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	44.11	6.77
06 82 00 00-0063		Round Tube *(06 82 00 00-0053)*		
06 82 00 00-0064	LF	1" Diameter x 1/8" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin	11.19	3.76
06 82 00 00-0065	LF	1" Diameter x 1/8" Thick Fiberglass Round Tube, VERF Vinyl Ester Resin	11.54	3.76
06 82 00 00-0066	LF	2" Diameter x 1/4" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin	19.61	4.52
06 82 00 00-0067	LF	2" Diameter x 1/4" Thick Fiberglass Round Tube, VERF Vinyl Ester Resin	20.76	4.52
06 82 00 00-0068		Fiberglass Threaded Rods *(06 82 00 00-0001)*		
06 82 00 00-0069	LF	3/8" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	13.88	2.89
06 82 00 00-0070	LF	1/2" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	14.68	2.89
06 82 00 00-0071	LF	5/8" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	16.85	3.26
06 82 00 00-0072	LF	3/4" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	18.39	3.26
06 82 00 00-0073	LF	1" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	20.14	3.26
06 82 00 00-0074		Grating Support Legs, VEFR Resin *(06 82 00 00-0001)*		
06 82 00 00-0075	EA	Grating Support Legs, Fixed Height With Base Miscellaneous Fiberglass Castings	13.52	
06 82 00 00-0076	EA	Grate Support Legs Fixed Height Without Base Miscellaneous Fiberglass Castings	5.79	
06 82 00 00-0077	EA	Grating Support Legs, Adjustable To 60" Miscellaneous Fiberglass Castings	21.78	
06 82 00 00-0078		Fiberglass Netting *(06 82 00 00-0001)*		
06 82 00 00-0079	SF	1/2" x 1/2" Mesh, Clear Flexible Fiberglass Netting	0.86	0.42
06 82 00 00-0080	SF	1/2" x 2" Mesh, Clear Flexible Fiberglass Netting	0.86	0.42
06 82 00 00-0081	SF	3/4" x 5/8" Mesh, Clear Flexible Fiberglass Netting	0.86	0.42
06 82 00 00-0082	SF	7/8" x 7/8" Mesh, Clear Flexible Fiberglass Netting	0.86	0.42
06 82 00 00-0083	SF	1" x 1" Mesh, Clear Flexible Fiberglass Netting	0.86	0.42
06 82 00 00-0084	SF	1/2" x 1/2" Mesh, Green Flexible Fiberglass Netting	0.85	0.42
06 82 00 00-0085	SF	1/2" x 2" Mesh, Green Flexible Fiberglass Netting	0.85	0.42
06 82 00 00-0086	SF	3/4" x 5/8" Mesh, Green Flexible Fiberglass Netting	0.85	0.42
06 82 00 00-0087	SF	7/8" x 7/8" Mesh, Green Flexible Fiberglass Netting	0.85	0.42
06 82 00 00-0088	SF	1" x 1" Mesh, Green Flexible Fiberglass Netting	0.85	0.42
06 82 00 00-0089		Fiberglass Stair Treads *(06 82)*		
06 82 00 00-0090		Fiberglass Stair Treads *(06 82 00 00-0089)*		
06 82 00 00-0091		10-1/2" Deep Isophthalic Resin System *(06 82 00 00-0090)*		
06 82 00 00-0092	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	120.44	19.71
06 82 00 00-0093	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	140.74	19.71
06 82 00 00-0094	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	161.05	19.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 82 00 00-0095	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	181.35	19.71
06 82 00 00-0096	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	132.62	19.71
06 82 00 00-0097	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	155.97	19.71
06 82 00 00-0098	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	179.32	19.71
06 82 00 00-0099	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	202.67	19.71
06 82 00 00-0100	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	151.30	19.71
06 82 00 00-0101	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	179.32	19.71
06 82 00 00-0102	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	207.34	19.71
06 82 00 00-0103	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	235.36	19.71
06 82 00 00-0104		12" Deep Isophthalic Resin System *(06 82 00 00-0090)*		
06 82 00 00-0105	EA	1" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	132.05	19.71
06 82 00 00-0106	EA	1" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	155.25	19.71
06 82 00 00-0107	EA	1" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	178.46	19.71
06 82 00 00-0108	EA	1" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	201.66	19.71
06 82 00 00-0109	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	145.97	19.71
06 82 00 00-0110	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	172.65	19.71
06 82 00 00-0111	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	199.34	19.71
06 82 00 00-0112	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	226.03	19.71
06 82 00 00-0113	EA	2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	167.32	19.71
06 82 00 00-0114	EA	2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	199.34	19.71
06 82 00 00-0115	EA	2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	231.37	19.71
06 82 00 00-0116	EA	2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	263.39	19.71
06 82 00 00-0117		Other Fiberglass *(06 82)*		
06 82 00 00-0118		Fiberglass Splash Blocks *(06 82 00 00-0117)*		
06 82 00 00-0119	EA	Standard Size Fiberglass Splash Block	20.35	4.18

END OF SECTION 06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 Thermal And Moisture Protection

07 01 Operation and Maintenance of Thermal and Moisture Protection *(07)*

07 01 50 Maintenance of Membrane Roofing *(07 01)*

07 01 50 19 Preparation for Re-Roofing *(07 01 50)*

07 01 50 19-0001 Preparation For Re-Roofing *(07 01 50 19)*

07 01 50 19-0002	SQ	Removal Of Pea Gravel Ballast From Roof, Vacuum And Disposal	89.93	
07 01 50 19-0003	SQ	Removal Of Gravel Ballast From Roof, Vacuum And Disposal	157.32	

07 01 50 81 Roof Replacement *(07 01 50)*

07 01 50 81-0001 Roof Repair *(07 01 50 81)*

Note: Less than 100 SF areas. Excludes mobilization of crew for small quantity of roof work. See CSI section 07 05 13 00-0001 for mobilization of crew for small quantity of roof work.

07 01 50 81-0002	LF	Heat Weld Roofing Seams For Repair	8.66	

07 01 50 81-0003 Emergency Roof Patch *(07 01 50 81)*

Note: 4 Hour response time.

07 01 50 81-0004	EA	Mobilize For Emergency Roof Patching	815.58	
07 01 50 81-0005	EA	16 SF Granule Emergency Roof Patch Cover	112.70	

07 01 50 81-0006 Adhesives *(07 01 50 81)*

Note: For repair of seams.

07 01 50 81-0007 Mastic Sealer *(07 01 50 81-0006)*

07 01 50 81-0008 Applied At Joints Only *(07 01 50 81-0007)*

07 01 50 81-0009	LF	Mastic Sealer, 1/4" Bead At Joint For Roof Repair	5.36	2.31

07 01 50 91 Roofing Restoration *(07 01 50)*

07 01 50 91-0001 Pressure Wash Membrane Roofing *(07 01 50 91)*

07 01 50 91-0002	SF	Up To 2,500 PSI, Pressure Wash Membrane Roofing	0.24	
		For Up To 100, Add	*0.18*	
		For >100 To 250, Add	*0.08*	
		For >250 To 500, Add	*0.04*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 15,000, Deduct	*-0.02*	
		For >15,000 To 30,000, Deduct	*-0.04*	
		For >30,000, Deduct	*-0.05*	

07 01 60 Maintenance of Flashing and Sheet Metal *(07 01)*

07 01 60 91 Flashing and Sheet Metal Restoration *(07 01 60)*

07 01 60 91-0001 Re-connecting Downspouts To Gutters *(07 01 60 91)*

07 01 60 91-0002	EA	Re-connecting Existing Downspouts To Gutter With Fasteners	39.24	
07 01 60 91-0003	EA	Re-connecting Existing Downspouts To Gutter By Welding	66.19	

07 01 70 Operation and Maintenance of Roof Specialties and Accessories *(07 01)*

07 01 70 00-0001 Metal Roofing Edge Repair *(07 01 70)*

07 01 70 00-0002	LF	Cut Existing Metal Roofing Edge, 20 to 26 Gauge	5.34	
07 01 70 00-0003	LF	Cut Existing Metal Roofing Edge, 16 to 19 Gauge	6.66	
07 01 70 00-0004	LF	Cut Existing Metal Roofing Edge, 11 to 15 Gauge	7.62	

07 01 70 00-0005 Metal Roofing Repair *(07 01 70)*

07 01 70 00-0006	SF	Roof Repair, 24 Gauge Galvanized Metal Standing Seam Roofing, Up To 10 SF	31.15	
07 01 70 00-0007	SF	Roof Repair, 24 Gauge Galvanized Metal Standing Seam Roofing, 11 To 25 SF	28.29	
07 01 70 00-0008	SF	Roof Repair, 24 Gauge Galvanized Metal Standing Seam Roofing, 25 To 50 SF	26.07	
07 01 70 00-0009	SF	Roof Repair, 24 Gauge Galvanized Metal Standing Seam Roofing, 50 To 100 SF	24.50	

07 01 70 00-0010 Removal And Reinstallation Of Metal Coping *(07 01 70)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 01 70 00-0011	LF	Removal And Reinstallation Of Metal Coping	11.55	
		For Up To 25 LF, Add	*5.78*	
		For >25 To 100 LF, Add	*2.89*	
		For >1,000 LF, Deduct	*-1.16*	

07 05 Common Work Results for Thermal and Moisture Protection
(07)

07 05 13 Mobilization Of Crew For Small Quantity Of Roof Work *(07 05)*

07 05 13 00-0001 Mobilization Of Crew For Small Quantity Of Roof Work *(07 05 13)*

Note: For use with all roofing tasks where the total quantity of roof work is 4 squares or less.

07 05 13 00-0002	EA	Up To 1 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	1,633.76
07 05 13 00-0003	EA	>1 To 2 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	1,222.38
07 05 13 00-0004	EA	>2 To 3 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	816.88
07 05 13 00-0005	EA	>3 To 4 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	407.46

07 10 Dampproofing and Waterproofing *(07)*

Note: The following tasks are for application to vertical (walls and foundations) surfaces. For horizontal (flat) surfaces apply the appropriate modifier to reduce the labor cost (where listed). Waterproofing is the treatment of a surface or structure to PREVENT the passage of water under hydrostatic pressure. Dampproofing is the treatment of a surface or structure to RESIST the passage of water in the absence of hydrostatic pressure.

07 11 Dampproofing *(07 10)*

07 11 13 Bituminous Dampproofing *(07 11)*

07 11 13 00-0001 Fibrous Asphalt Dampproofing, Brush, Roller Or Spray *(07 11 13)*

07 11 13 00-0002	CSF	1 Coat, Fibrous Asphalt Dampproofing, Brush, Roller Or Spray	202.93
07 11 13 00-0003	CSF	2 Coats, Brush, Roller Or Spray, Fibrous Asphalt Dampproofing	311.67

07 11 13 00-0004 Fibrous Asphalt Dampproofing, Troweled On *(07 11 13)*

07 11 13 00-0005	CSF	Primer And 1 Coat, Fibrous Asphalt Dampproofing, Troweled On	349.40
07 11 13 00-0006	CSF	Primer And 2 Coats, Troweled On, Fibrous Asphalt Dampproofing	542.82

07 11 13 00-0007 Asphaltic Paint Dampproofing *(07 11 13)*

07 11 13 00-0008	CSF	1 Coat, Asphaltic Paint Dampproofing, Brushed On	162.85
07 11 13 00-0009	CSF	2 Coats, Brushed On, Asphaltic Paint Dampproofing	301.22

07 11 19 Sheet Dampproofing *(07 11)*

07 11 19 00-0001 Neoprene *(07 11 19)*

07 11 19 00-0002	SF	5 To 20 SF, 1/16" Patch Neoprene Roof	43.29

07 13 Sheet Waterproofing *(07 10)*

07 13 13 Bituminous Sheet Waterproofing *(07 13)*

07 13 13 00-0001 15 Lb. Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped *(07 13 13)*

07 13 13 00-0002	CSF	1 Ply, 15 Lb. Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	374.77	130.26
		For 30 Lb. Felt, Add	*85.68*	
		For Application To Horizontal Surfaces, Deduct	*-39.08*	
07 13 13 00-0003	CSF	2 Ply, 15 Lb. Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	472.85	146.55
		For 30 Lb. Felt, Add	*134.82*	
		For Application To Horizontal Surfaces, Deduct	*-43.96*	
07 13 13 00-0004	CSF	3 Ply, 15 Lb. Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	570.94	162.83
		For 30 Lb. Felt, Add	*183.96*	
		For Application To Horizontal Surfaces, Deduct	*-48.85*	
07 13 13 00-0005	CSF	4 Ply, 15 Lb. Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	669.03	179.12
		For 30 Lb. Felt, Add	*233.10*	
		For Application To Horizontal Surfaces, Deduct	*-53.73*	
07 13 13 00-0006	CSF	5 Ply, 15 Lb. Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	767.11	195.40
		For 30 Lb. Felt, Add	*282.24*	
		For Application To Horizontal Surfaces, Deduct	*-58.62*	

07 13 13 00-0007 Asphalt Coated Protective Board *(07 13 13)*

07 13 13 00-0008	CSF	1/8" Asphalt Coated Protective Board	324.47	130.90
		For Application To Horizontal Surfaces, Deduct	*-43.66*	
07 13 13 00-0009	CSF	1/4" Asphalt Coated Protective Board	428.46	135.93
		For Application To Horizontal Surfaces, Deduct	*-45.31*	
07 13 13 00-0010	CSF	3/8" Asphalt Coated Protective Board	553.76	141.64
		For Application To Horizontal Surfaces, Deduct	*-47.20*	
07 13 13 00-0011	CSF	1/2" Asphalt Coated Protective Board	617.85	147.35
		For Application To Horizontal Surfaces, Deduct	*-49.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 13 53 Elastomeric Sheet Waterproofing *(07 13)*

07 13 53 00-0001 Rubberized Membrane Sheet *(07 13 53)*

07 13 53 00-0002	SF	215 Mil Rubberized Asphalt Membrane Sheet, Vertical Surface	8.96	1.35
		For Floor Surfaces, Deduct	*-1.34*	

07 13 53 00-0003 Ethylene Propylene Diene Monomer (EPDM) *(07 13 53)*

07 13 53 00-0004	CSF	45 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane	536.97	191.22
		For Application To Horizontal Surfaces, Deduct	*-57.36*	
07 13 53 00-0005	CSF	60 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane	608.33	191.22
		For Application To Horizontal Surfaces, Deduct	*-57.36*	

07 13 53 00-0006 Butyl Sheet Waterproofing *(07 13 53)*

07 13 53 00-0007	CSF	1/32" Butyl Sheet Waterproofing	111.14	47.80
		For Joint Taping, Add	*16.57*	
		For Each Additional Ply, Add	*82.59*	
		For Application To Horizontal Surfaces, Deduct	*-7.19*	
07 13 53 00-0008	CSF	1/16" Butyl Sheet Waterproofing	131.27	47.80
		For Joint Taping, Add	*17.58*	
		For Each Additional Ply, Add	*96.68*	
		For Application To Horizontal Surfaces, Deduct	*-7.19*	

07 13 53 00-0009 Butyl With Nylon *(07 13 53)*

07 13 53 00-0010	CSF	1/32" Butyl Elastomeric Waterproofing With Nylon	122.65	47.80
		For Joint Taping, Add	*17.15*	
		For Each Additional Ply, Add	*90.65*	
		For Application To Horizontal Surfaces, Deduct	*-7.19*	
07 13 53 00-0011	CSF	1/16" Butyl Elastomeric Waterproofing With Nylon	135.59	47.80
		For Joint Taping, Add	*17.80*	
		For Each Additional Ply, Add	*99.70*	
		For Application To Horizontal Surfaces, Deduct	*-7.19*	

07 13 53 00-0012 Neoprene Sheet Waterproofing *(07 13 53)*

07 13 53 00-0013	CSF	1/32" Neoprene Sheet Waterproofing	188.84	47.80
		For Joint Taping, Add	*20.46*	
		For Each Additional Ply, Add	*136.98*	
		For Application To Horizontal Surfaces, Deduct	*-7.19*	
07 13 53 00-0014	CSF	1/16" Neoprene Sheet Waterproofing	274.50	47.80
		For Joint Taping, Add	*24.74*	
		For Each Additional Ply, Add	*196.94*	
		For Application To Horizontal Surfaces, Deduct	*-7.19*	

07 13 53 00-0015 Neoprene With Nylon *(07 13 53)*

07 13 53 00-0016	CSF	1/32" Neoprene Elastomeric Waterproofing With Nylon	197.78	47.80
		For Joint Taping, Add	*20.91*	
		For Each Additional Ply, Add	*143.24*	
		For Application To Horizontal Surfaces, Deduct	*-7.19*	
07 13 53 00-0017	CSF	1/16" Neoprene Elastomeric Waterproofing With Nylon	288.78	47.80
		For Joint Taping, Add	*25.46*	
		For Each Additional Ply, Add	*206.94*	
		For Application To Horizontal Surfaces, Deduct	*-7.19*	

07 13 53 00-0018 Plastic Vapor Barrier (Polyethylene) *(07 13 53)*

07 13 53 00-0019	CSF	4 Mil Polyethylene Vapor Barrier	38.77	14.04
		For Joint Taping, Add	*9.08*	
		For Each Additional Ply, Add	*30.25*	
		For Application To Horizontal Surfaces, Deduct	*-4.66*	
07 13 53 00-0020	CSF	6 Mil Polyethylene Vapor Barrier	39.88	14.04
		For Joint Taping, Add	*9.14*	
		For Each Additional Ply, Add	*31.02*	
		For Application To Horizontal Surfaces, Deduct	*-4.66*	
07 13 53 00-0021	CSF	10 Mil Polyethylene Vapor Barrier	68.18	14.04
		For Joint Taping, Add	*10.55*	
		For Each Additional Ply, Add	*50.83*	
		For Application To Horizontal Surfaces, Deduct	*-4.66*	
07 13 53 00-0022	CSF	60 Mil Polyethylene Vapor Barrier With Bentonite	167.04	14.04
		Note: Includes seam tape, liquid mastic, anchors and termination bar.		
		For Each Additional Ply, Add	*120.38*	
		For Application To Horizontal Surfaces, Deduct	*-5.18*	

07 13 53 00-0023 Polyvinyl Chloride (PVC) Vapor Barrier *(07 13 53)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 13 53 00-0024	CSF	10 Mil Polyvinyl Chloride (PVC) Vapor Barrier	59.08	15.53
		For Joint Taping, Add	*10.10*	
		For Each Additional Ply, Add	*44.46*	
		For Application To Horizontal Surfaces, Deduct	*-4.66*	
07 13 53 00-0025	CSF	20 Mil Polyvinyl Chloride (PVC) Vapor Barrier	80.64	16.11
		For Joint Taping, Add	*11.45*	
		For Each Additional Ply, Add	*59.67*	
		For Application To Horizontal Surfaces, Deduct	*-4.84*	
07 13 53 00-0026	CSF	30 Mil Polyvinyl Chloride (PVC) Vapor Barrier	109.79	16.68
		For Joint Taping, Add	*13.16*	
		For Each Additional Ply, Add	*80.19*	
		For Application To Horizontal Surfaces, Deduct	*-5.01*	
07 13 53 00-0027		Vinyl Plastic Vapor Barrier *(07 13 53)*		
07 13 53 00-0028	CSF	4 Mil Vinyl Plastic Vapor Barrier With Fiberglass Insulation At Joints (Tu-Tuf #4)	47.52	14.38

07 14 Fluid-Applied Waterproofing *(07 10)*

07 14 13 Hot Fluid-Applied Rubberized Asphalt Waterproofing *(07 14)*

07 14 13 00-0001		Hot Applied Rubberized Asphalt Waterproofing Coating *(07 14 13)*		
07 14 13 00-0002	SF	90 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface Note: Includes primer.	2.74	1.35
		For Floor Surfaces, Deduct	*-0.38*	
		For Reinforcing Fabric, Add	*0.61*	
07 14 13 00-0003	SF	125 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface Note: Includes primer.	3.21	
		For Floor Surfaces, Deduct	*-0.41*	
		For Application To Horizontal Surfaces, Deduct	*-0.26*	
		For Reinforcing Fabric, Add	*0.61*	
07 14 13 00-0004		Acrylic Deck Waterproofing Coating *(07 14 13)*		
07 14 13 00-0005	SF	Pedestrian Walking Deck Waterproofing Coating System (Dex-O-Tex Weatherwear) Note: Includes primer.	21.10	
		For Floor Surfaces, Deduct	*-2.26*	
		For Reinforcing Fabric, Add	*0.61*	

07 16 Cementitious and Reactive Waterproofing *(07 10)*

07 16 13 Polymer Modified Cement Waterproofing *(07 16)*

07 16 13 00-0001	SF	Polymer Modified Cementitious Waterproofing Assembly, 2 Coats Note: As manufactured by Thoro Consumer Products. Includes Thoroseal, Acryl 60, acrylic waterproof coating and white pigmented acrylic copolymer primer.	5.23	

07 16 16 Crystalline Waterproofing *(07 16)*

07 16 16 00-0001	SF	Crystalline Cementitious Waterproofing. 2 Coats (Xypex Concentrate)	6.34	

07 16 19 Metal Oxide Waterproofing *(07 16)*

07 16 19 00-0001		Metallic Oxide Waterproofing *(07 16 19)* Note: Includes one broom applied bond coat and three brush applied waterproof coats. Excludes concrete repairs to subbase and final protective concrete surface coat. See CSI section 03 54 16 00-0001 for self-leveling underlayment for concrete floors.		
07 16 19 00-0002	CSF	Catalyzed Metallic Waterproofing Treatment, Metal Oxide Waterproofing (Euclid Iron Waterpeller)	549.56	
		For Application To Horizontal Surfaces, Deduct	*-69.20*	

07 17 Bentonite Waterproofing *(07 10)*

07 17 13 Bentonite Panel Waterproofing *(07 17)*

07 17 13 00-0001	CSF	3/16" Bentonite Waterproofing Panels	536.14	156.19
		For Application To Horizontal Surfaces, Deduct	*-46.87*	
07 17 13 00-0002	CSF	1/4" Bentonite Waterproofing Panels	494.46	165.02
		For Application To Horizontal Surfaces, Deduct	*-50.72*	
07 17 13 00-0003	CSF	5/8" Bentonite Waterproofing Panels	670.78	172.09
		For Application To Horizontal Surfaces, Deduct	*-51.61*	
07 17 13 00-0004	CSF	3/8" Granular Bentonite, Troweled	541.79	143.13
		For Application To Horizontal Surfaces, Deduct	*-42.92*	

07 18 Traffic Coatings *(07 10)*

07 18 13 Pedestrian Traffic Coatings *(07 18)*

07 18 13 00-0001		Elastomeric Plaza Deck System (Garland Dura-Walk®) *(07 18 13)* Note: For pedestrian and vehicular traffic. Includes 10 year warranty. Excludes surface preparation, deck crack repair, joint sealants or markings.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 18 13 00-0002	SQ	Porous Concrete Primer (Garland Dura-Walk® FC Primer Kit)	185.29	
07 18 13 00-0003	SQ	32 mils, Base Coat, One-Component, Polyurethane, Elastomeric Plaza Deck System (Garland Dura-Walk®)	524.54	
07 18 13 00-0004	SQ	16 mils, Wear Coat, One-Component, Polyurethane, Elastomeric Plaza Deck System (Garland Dura-Walk®)	303.51	
07 18 13 00-0005	SQ	16 mils, Top Coat, One-Component, Polyurethane, Elastomeric Plaza Deck System (Garland Dura-Walk®)	362.54	
07 18 13 00-0006	LF	6" Wide, Poly Joint Tape (Garland Dura-Walk®)	1.86	

07 18 16 Vehicular Traffic Coatings *(07 18)*

07 18 16 00-0001 Preparation For Vehicular Traffic Coating *(07 18 16)*

See CSI section 03 01 30 71-0027 for crack repairs, 32 17 23 00-0000 for pavement markings.

07 18 16 00-0002	SF	Grinding Of Existing Concrete Floor Prior To Installation Of Deck Coating	1.16	
07 18 16 00-0003	SF	Shot Blasting Concrete Surface For Vehicular Traffic Coating	2.81	

07 18 16 00-0004 Vehicular Traffic Coating (Sika) *(07 18 16)*

Note: Excludes surface preparation, deck crack repair, joint sealants or pavement markings. See CSI section 03 01 30 71-0027 for crack repairs, 07 18 16 00-0001 for surface preparaion, 32 17 23 00-0000 for pavement markings.

07 18 16 00-0005	SF	23 Mil Thick, Traffic Coating, Two-Component, Elastomeric Polyurethane Waterproofing, Concrete Coating With Primer (Sika Sikalastic® 720) Note: Excludes crack repair or caulking.	4.15	
07 18 16 00-0006	SF	12 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL) Note: Excludes crack repair or caulking.	2.55	
07 18 16 00-0007	SF	14 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL) Note: Excludes crack repair or caulking.	2.71	
07 18 16 00-0008	SF	16 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL) Note: Excludes crack repair or caulking.	2.88	
07 18 16 00-0009	SF	18 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL) Note: Excludes crack repair or caulking.	3.02	
07 18 16 00-0010	SF	14 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Wear And Top Concrete Coating (Sika Sikalastic®-745 Textured) Note: Excludes crack repair or caulking.	2.91	
07 18 16 00-0011	SF	16 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Wear And Top Concrete Coating (Sika Sikalastic®-745 Textured) Note: Excludes crack repair or caulking.	3.16	
07 18 16 00-0012	SF	18 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Wear And Top Concrete Coating (Sika Sikalastic®-745 Textured) Note: Excludes crack repair or caulking.	3.42	

07 18 21 Traffic-Bearing Roof Deck Surfacing *(07 18)*

07 18 21 00-0001 Decking Coating System (Polycoat POLY-I-GARD® 575FC) *(07 18 21)*

Note: Excludes surface preparation, deck crack repair or other joint sealants. See CSI section 07 18 16 00-0001 for surface preparaion.

07 18 21 00-0002	SF	4 Dry Mils, Epoxy Primer For Deck Coating System (Polycoat Polyprime® 21)	1.40	
07 18 21 00-0003	SF	24 ± 2 Dry Mils, Base For Deck Coating System (Polycoat PC-260)	4.01	
07 18 21 00-0004	SF	18 ± 2 Dry Mils, Topcoat For Deck Coating System (Polycoat Poly-I-Gard® 295)	3.75	
07 18 21 00-0005	SF	15 ± 2 Dry Mils, Topcoat For Deck Coating System (Polycoat Poly-I-Gard® 295) Note: Additional coat for ramps, turn radii, and other heavy traffic areas.	3.33	

07 18 21 00-0006 Roof Deck Coating System (Dex-O-Tex Weatherwear) *(07 18 21)*

07 18 21 00-0007	SF	Promenade Roof Deck System (Dex-O-Tex Weatherwear) Note: Includes mobilize and set up. Install Dex-O-Tex Weatherwear Promenade Roof Deck System per manufacturer's specifications and waterproof at drain locations. (Supply and installation of drains by others). Final clean up and demobilize.	39.70	
07 18 21 00-0008	LF	Dex-O-Tex 26G Bonderized 4" x 8" flashing Note: supply and install 26G Bonderized 4" x 8" flashing at deck to wall transitions per plans and specifications. (Flashing per detail A.1/3.)	18.46	
07 18 21 00-0009	SF	Dex-O-Tex G-26 Underlayment at 3" Average for Sloping Note: Includes mobilize and set up. Install Dex-O-Tex G-26 Cementitious Underlayment for sloping at 3" average per A.1/B. Clean up.	46.65	
07 18 21 00-0010	SF	Mechanically Prepare Surface For Underlayment Note: Mechanically prepare surface to create bonding profile per manufacturer specifications.	3.62	

07 19 Water Repellents *(07 10)*

07 19 13 Acrylic Sealer *(07 19)*

Note: Per coat.

07 19 13 00-0001	SF	Spray On Concrete, Acrylic Sealer	2.96	
07 19 13 00-0002	SF	Spray On Concrete Block/Brick, Acrylic Sealer	3.53	
07 19 13 00-0003	SF	Spray On Stone, Acrylic Sealer	3.87	

07 19 16 Silane Water Repellents *(07 19)*

07 19 16 00-0001 Silane Concrete Sealer *(07 19 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 19 16 00-0002	SF	Spray On Concrete, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB)	0.80	
07 19 16 00-0003	SF	Spray On Concrete Block/Brick, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB)	1.19	

07 19 16 00-0004 Silane/Siloxane Concrete Sealer *(07 19 16)*

07 19 16 00-0005	SF	Spray On Concrete, Solvent Based, Silane/Siloxane Concrete Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40) Note: 40% silane, alcohol based.	1.42	
07 19 16 00-0006	SF	Spray On Concrete Block/Brick, Solvent Based, Silane/Siloxane Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40) Note: 40% silane, alcohol based.	2.07	
07 19 16 00-0007	SF	Spray On Concrete, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosoco Saltguard WB) Note: 200 SF/GAL	0.56	
07 19 16 00-0008	SF	Spray On Concrete Block/Masonry, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosoco Saltguard WB)	0.81	

07 20 Thermal Protection *(07)*

07 21 Thermal Insulation *(07 20)*

07 21 13 Board Insulation *(07 21)*

Note: Types are stock sizes, mastic applied.

07 21 13 13 Foam Board Insulation *(07 21 13)*

07 21 13 13-0001 Cold Adhesive Applied Foam Board Insulation *(07 21 13 13)*

07 21 13 13-0002 Cold Adhesive Applied, Foam Glass (Cellular Glass), Foam Board Insulation *(07 21 13 13-0001)*

07 21 13 13-0003	SF	1" Thick, R3.44, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied	4.26	0.40
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0004	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied	5.98	0.40
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0005	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied	7.12	0.40
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0006	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied	9.42	0.42
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	

07 21 13 13-0007 Cold Adhesive Applied, Expanded Polystyrene, Foam Board Insulation *(07 21 13 13-0001)*

07 21 13 13-0008	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	1.87	0.39
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0009	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	1.93	0.39
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0010	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	2.21	0.39
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0011	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	2.49	0.40
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0012	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	3.60	0.40
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0013	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	4.71	0.42
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0014	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	5.83	0.43
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0015	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	6.93	0.43
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0016	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	8.05	0.44
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	

07 21 13 13-0017 Cold Adhesive Applied, Extruded Polystyrene, Foam Board Insulation *(07 21 13 13-0001)*

Note: 15 PSI compressive strength.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0018	SF	3/8" Thick, R1.9, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	2.14	0.39
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.24*	
		For 40 PSI Compressive Strength, Add	*0.57*	
		For 60 PSI Compressive Strength, Add	*0.90*	
		For 115 PSI Compressive Strength, Add	*3.89*	
07 21 13 13-0019	SF	1/2" Thick, R2.5, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	2.52	0.39
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.30*	
		For 40 PSI Compressive Strength, Add	*0.71*	
		For 60 PSI Compressive Strength, Add	*1.12*	
		For 115 PSI Compressive Strength, Add	*4.87*	
07 21 13 13-0020	SF	3/4" Thick, R3.7, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	2.83	0.39
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.35*	
		For 40 PSI Compressive Strength, Add	*0.83*	
		For 60 PSI Compressive Strength, Add	*1.30*	
		For 115 PSI Compressive Strength, Add	*5.67*	
07 21 13 13-0021	SF	1" Thick, R5.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	2.89	0.40
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.36*	
		For 40 PSI Compressive Strength, Add	*0.85*	
		For 60 PSI Compressive Strength, Add	*1.33*	
		For 115 PSI Compressive Strength, Add	*5.80*	
07 21 13 13-0022	SF	2" Thick, R10.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	4.40	0.40
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.60*	
		For 40 PSI Compressive Strength, Add	*1.42*	
		For 60 PSI Compressive Strength, Add	*2.20*	
		For 115 PSI Compressive Strength, Add	*9.65*	
07 21 13 13-0023	SF	3" Thick, R15.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	5.92	0.42
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.84*	
		For 40 PSI Compressive Strength, Add	*1.99*	
		For 60 PSI Compressive Strength, Add	*3.07*	
		For 115 PSI Compressive Strength, Add	*13.51*	
07 21 13 13-0024	SF	4" Thick, R20.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	6.69	0.43
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.96*	
		For 40 PSI Compressive Strength, Add	*2.27*	
		For 60 PSI Compressive Strength, Add	*3.50*	
		For 115 PSI Compressive Strength, Add	*15.44*	
07 21 13 13-0025		Mechanically Fastened Foam Board Insulation *(07 21 13 13)*		
		Note: Mechanically fastened to wood or steel.		
07 21 13 13-0026		Mechanically Fastened, Foam Glass (Cellular Glass), Foam Board Insulation *(07 21 13 13-0025)*		
		Note: Mechanically fastened to wood or steel.		
07 21 13 13-0027	SF	1" Thick, R3.44, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened	4.21	0.40
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 21 13 13-0028	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened	6.04	0.40
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.75*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0029	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened	7.19	0.40
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.75*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.45*	
07 21 13 13-0030	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened	9.59	0.42
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.76*	
07 21 13 13-0031		Mechanically Fastened, Expanded Polystyrene, Foam Board Insulation *(07 21 13 13-0025)*		
07 21 13 13-0032	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	1.82	0.39
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 21 13 13-0033	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	1.88	0.39
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 21 13 13-0034	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	2.16	0.39
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 21 13 13-0035	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	2.44	0.40
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 21 13 13-0036	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	3.67	0.40
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.75*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0037	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	4.88	0.42
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.76*	
07 21 13 13-0038	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	6.17	0.43
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Gypsum, Add	*2.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.37*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.02*	
07 21 13 13-0039	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	7.49	0.43
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Gypsum, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*9.18*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.76*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.28*	
07 21 13 13-0040	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	8.86	0.44
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Gypsum, Add	*2.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.93*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.49*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.80*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.89*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.22*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.69*	

07 21 13 13-0041 Mechanically Fastened, Extruded Polystyrene, Foam Board Insulation *(07 21 13 13-0025)*

Note: 15 PSI compressive strength. Mechanically fastened to wood or steel.

07 21 13 13-0042	SF	3/8" Thick, R1.9, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	2.09	0.39
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.21*	
		For 40 PSI Compressive Strength, Add	*0.50*	
		For 60 PSI Compressive Strength, Add	*0.80*	
		For 115 PSI Compressive Strength, Add	*3.44*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 21 13 13-0043	SF	1/2" Thick, R2.5, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	2.47	0.39
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.27*	
		For 40 PSI Compressive Strength, Add	*0.64*	
		For 60 PSI Compressive Strength, Add	*1.02*	
		For 115 PSI Compressive Strength, Add	*4.42*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0044	SF	3/4" Thick, R3.7, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	2.78	0.39
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.32*	
		For 40 PSI Compressive Strength, Add	*0.76*	
		For 60 PSI Compressive Strength, Add	*1.20*	
		For 115 PSI Compressive Strength, Add	*5.22*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 21 13 13-0045	SF	1" Thick, R5.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	2.84	0.40
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.33*	
		For 40 PSI Compressive Strength, Add	*0.78*	
		For 60 PSI Compressive Strength, Add	*1.23*	
		For 115 PSI Compressive Strength, Add	*5.35*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 21 13 13-0046	SF	2" Thick, R10.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	4.47	0.40
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.58*	
		For 40 PSI Compressive Strength, Add	*1.39*	
		For 60 PSI Compressive Strength, Add	*2.16*	
		For 115 PSI Compressive Strength, Add	*9.46*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.75*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.45*	
07 21 13 13-0047	SF	3" Thick, R15.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	6.09	0.42
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.84*	
		For 40 PSI Compressive Strength, Add	*2.00*	
		For 60 PSI Compressive Strength, Add	*3.09*	
		For 115 PSI Compressive Strength, Add	*13.58*	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.76*	
07 21 13 13-0048	SF	4" Thick, R20.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	7.03	0.43
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.99*	
		For 40 PSI Compressive Strength, Add	*2.34*	
		For 60 PSI Compressive Strength, Add	*3.62*	
		For 115 PSI Compressive Strength, Add	*15.94*	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Gypsum, Add	*2.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.37*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.02*	

07 21 13 16 Fibrous Board Insulation *(07 21 13)*

07 21 13 16-0001 Cold Adhesive Applied Fibrous Board Insulation *(07 21 13 16)*

07 21 13 16-0002 Cold Adhesive Applied, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation *(07 21 13 16-0001)*

07 21 13 16-0003	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	2.69	0.49
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 16-0004	SF	2" Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	3.98	0.59
		For Horizontal Surface Application, Deduct	*-0.10*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0005	SF	3" Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	5.26	0.69
		For Horizontal Surface Application, Deduct	*-0.12*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	

07 21 13 16-0006 Cold Adhesive Applied, Fiberglass, Fibrous Board Insulation *(07 21 13 16-0001)*

07 21 13 16-0007	SF	1" Thick, R4.2, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	4.92	0.40
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0008	SF	1-1/2" Thick, R6.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	5.94	0.40
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0009	SF	2" Thick, R8.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	7.36	0.41
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0010	SF	2-1/2" Thick, R10.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	8.51	0.41
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0011	SF	3" Thick, R12.4, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	9.65	0.42
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	

07 21 13 16-0012 Mechanically Fastened Fibrous Board Insulation *(07 21 13 16)*

Note: Mechanically fastened to wood or steel.

07 21 13 16-0013 Mechanically Fastened, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation *(07 21 13 16-0012)*

Note: Mechanically fastened to wood or steel.

07 21 13 16-0014	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened	2.51	0.49
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 21 13 16-0015	SF	2" Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened	3.90	0.59
		For Horizontal Surface Application, Deduct	*-0.10*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.75*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.45*	
07 21 13 16-0016	SF	3" Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened	5.28	0.69
		For Horizontal Surface Application, Deduct	*-0.12*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.76*	

07 21 13 16-0017 Mechanically Fastened, Fiberglass, Fibrous Board Insulation *(07 21 13 16-0012)*

Note: Mechanically fastened to wood or steel.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 16-0018	SF	1" Thick, R4.2, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	4.87	0.40
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 21 13 16-0019	SF	1-1/2" Thick, R6.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	6.00	0.40
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.75*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 21 13 16-0020	SF	2" Thick, R8.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	7.42	0.41
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.75*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.45*	
07 21 13 16-0021	SF	2-1/2" Thick, R10.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	8.68	0.41
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Gypsum, Add	*2.35*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.11*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.66*	
07 21 13 16-0022	SF	3" Thick, R12.4, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	9.82	0.42
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.76*	

07 21 13 19 Mineral Board Insulation *(07 21 13)*

07 21 13 19-0001 Cold Adhesive Applied Mineral Board Insulation *(07 21 13 19)*

07 21 13 19-0002 Cold Adhesive Applied, High-Density Fiberboard, Mineral Board Insulation *(07 21 13 19-0001)*

07 21 13 19-0003	SF	1/2" Thick, R1.3, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	2.03	0.44
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0004	SF	25/32" Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	2.42	0.47
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0005	SF	1" Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	2.82	0.49
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0006	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	3.54	0.54
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 19-0007	SF	2" Thick, R5.0, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	4.25	0.59
		For Horizontal Surface Application, Deduct	*-0.10*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0008	SF	3" Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	5.67	0.69
		For Horizontal Surface Application, Deduct	*-0.12*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0009		Mechanically Fastened Mineral Board Insulation *(07 21 13 19)*		
		Note: Mechanically fastened to wood or steel.		
07 21 13 19-0010		Mechanically Fastened, High-Density Fiberboard, Mineral Board Insulation *(07 21 13 19-0009)*		
		Note: Mechanically fastened to wood or steel.		
07 21 13 19-0011	SF	1/2" Thick, R1.3, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	1.84	0.44
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 21 13 19-0012	SF	25/32" Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	2.24	0.47
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 21 13 19-0013	SF	1" Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	2.64	0.49
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 21 13 19-0014	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	3.46	0.54
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.75*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 21 13 19-0015	SF	2" Thick, R5.0, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	4.17	0.59
		For Horizontal Surface Application, Deduct	*-0.10*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.75*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.45*	
07 21 13 19-0016	SF	3" Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	5.69	0.69
		For Horizontal Surface Application, Deduct	*-0.12*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 21 16 Blanket Insulation *(07 21)*

Note: All insulation rolls or batts applied to wood or steel studs or between rafters or between metal building "skin" and framing.

07 21 16 00-0001 Fiberglass Flexible Insulation *(07 21 16)*

Note: Rolls or batts.

07 21 16 00-0002 Kraft Faced, Fiberglass Flexible Insulation *(07 21 16 00-0001)*

07 21 16 00-0003	SF	3-1/2" Thick, Kraft Faced, R-11 Fiberglass Flexible Insulation	1.77	0.46
		For >1,600, Deduct	*-0.22*	
07 21 16 00-0004	SF	3-1/2" Thick, Kraft Faced, R-13 Fiberglass Flexible Insulation	1.94	0.46
		For >1,600, Deduct	*-0.25*	
07 21 16 00-0005	SF	3-1/2" Thick, Kraft Faced, R-15 Fiberglass Flexible Insulation	2.00	0.46
		For >1,600, Deduct	*-0.26*	
07 21 16 00-0006	SF	5-1/2" Thick, Kraft Faced, R-21 Fiberglass Flexible Insulation	2.80	0.46
		For >1,600, Deduct	*-0.42*	
07 21 16 00-0007	SF	6-1/4" Thick, Kraft Faced, R-19 Fiberglass Flexible Insulation	2.28	0.46
		For >1,600, Deduct	*-0.31*	
07 21 16 00-0008	SF	9-1/2" Thick, Kraft Faced, R-30 Fiberglass Flexible Insulation	3.28	0.58
		For >1,600, Deduct	*-0.49*	
07 21 16 00-0009	SF	12" Thick, Kraft Faced, R-38 Fiberglass Flexible Insulation	3.72	0.58
		For >1,600, Deduct	*-0.55*	

07 21 16 00-0010 Unfaced, Fiberglass Flexible Insulation *(07 21 16 00-0001)*

07 21 16 00-0011	SF	3-1/2" Thick, Unfaced, R-11 Fiberglass Flexible Insulation	1.65	0.46
		For >1,600, Deduct	*-0.19*	
07 21 16 00-0012	SF	3-1/2" Thick, Unfaced, R-13 Fiberglass Flexible Insulation	1.86	0.46
		For >1,600, Deduct	*-0.24*	
07 21 16 00-0013	SF	3-1/2" Thick, Unfaced, R-15 Fiberglass Flexible Insulation	2.45	0.46
		For >1,600, Deduct	*-0.35*	
07 21 16 00-0014	SF	5-1/2" Thick, Unfaced, R-21 Fiberglass Flexible Insulation	2.67	0.46
		For >1,600, Deduct	*-0.39*	
07 21 16 00-0015	SF	6-1/4" Thick, Unfaced, R-19 Fiberglass Flexible Insulation	2.77	0.46
		For >1,600, Deduct	*-0.41*	
07 21 16 00-0016	SF	9-1/2" Thick, Unfaced, R-30 Fiberglass Flexible Insulation	3.05	0.58
		For >1,600, Deduct	*-0.44*	
07 21 16 00-0017	SF	12" Thick, Unfaced, R-38 Fiberglass Flexible Insulation	3.57	0.58
		For >1,600, Deduct	*-0.52*	

07 21 16 00-0018 Foil Faced, Fiberglass Flexible Insulation *(07 21 16 00-0001)*

07 21 16 00-0019	SF	3-1/2" Thick, Foil Faced, R-11 Fiberglass Flexible Insulation	2.08	0.46
		For >1,600, Deduct	*-0.28*	
07 21 16 00-0020	SF	3-1/2" Thick, Foil Faced, R-13 Fiberglass Flexible Insulation	2.37	0.46
		For >1,600, Deduct	*-0.34*	
07 21 16 00-0021	SF	6-1/4" Thick, Foil Faced, R-19 Fiberglass Flexible Insulation	2.68	0.46
		For >1,600, Deduct	*-0.39*	
07 21 16 00-0022	SF	10-1/4" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation	3.87	0.58
		For >1,600, Deduct	*-0.59*	
07 21 16 00-0023	SF	12" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation	4.26	0.58
		For >1,600, Deduct	*-0.66*	

07 21 16 00-0024 Poly-Encapsulated, Fiberglass Flexible Insulation *(07 21 16 00-0001)*

07 21 16 00-0025	SF	3-1/2" Thick, Poly-Encapsulated, R-11 Fiberglass Flexible Insulation	1.83	0.46
		For >1,600, Deduct	*-0.23*	
07 21 16 00-0026	SF	3-1/2" Thick, Poly-Encapsulated, R-13 Fiberglass Flexible Insulation	2.00	0.46
		For >1,600, Deduct	*-0.26*	
07 21 16 00-0027	SF	5-1/2" Thick, Poly-Encapsulated, R-21 Fiberglass Flexible Insulation	2.90	0.46
		For >1,600, Deduct	*-0.44*	
07 21 16 00-0028	SF	6-1/2" Thick, Poly-Encapsulated, R-19 Fiberglass Flexible Insulation	2.31	0.46
		For >1,600, Deduct	*-0.31*	
07 21 16 00-0029	SF	8-1/4" Thick, Poly-Encapsulated, R-25 Fiberglass Flexible Insulation	3.21	0.58
		For >1,600, Deduct	*-0.48*	
07 21 16 00-0030	SF	10-1/4" Thick, Poly-Encapsulated, R-30 Fiberglass Flexible Insulation	3.57	0.58
		For >1,600, Deduct	*-0.52*	

07 21 16 00-0031 Mineral Wool Flexible Insulation *(07 21 16)*

07 21 16 00-0032 Kraft Faced, Mineral Wool Flexible Insulation *(07 21 16 00-0031)*

07 21 16 00-0033	SF	3-1/2" Kraft Faced, R-11 Mineral Wool Flexible Insulation	2.03	0.46
		For >1,600, Deduct	*-0.27*	
07 21 16 00-0034	SF	6-1/4" Kraft Faced, R-19 Mineral Wool Flexible Insulation	2.81	0.46
		For >1,600, Deduct	*-0.41*	
07 21 16 00-0035	SF	9-1/2" Kraft Faced, R-30 Mineral Wool Flexible Insulation	4.57	0.46
		For >1,600, Deduct	*-0.74*	
07 21 16 00-0036	SF	12" Kraft Faced, R-38 Mineral Wool Flexible Insulation	5.46	0.46
		For >1,600, Deduct	*-0.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 16 00-0037		Unfaced, Mineral Wool Flexible Insulation *(07 21 16 00-0031)*		
07 21 16 00-0038	SF	3-1/2" Unfaced, R-11 Mineral Wool Flexible Insulation	1.86	0.46
		For >1,600, Deduct	*-0.24*	
07 21 16 00-0039	SF	6-1/4" Unfaced, R-19 Mineral Wool Flexible Insulation	2.53	0.46
		For >1,600, Deduct	*-0.36*	
07 21 16 00-0040	SF	9-1/2" Unfaced, R-30 Mineral Wool Flexible Insulation	4.05	0.46
		For >1,600, Deduct	*-0.64*	
07 21 16 00-0041	SF	12" Unfaced, R-38 Mineral Wool Flexible Insulation	4.84	0.46
		For >1,600, Deduct	*-0.77*	
07 21 16 00-0042		Natural Cotton Insulation *(07 21 16)*		
07 21 16 00-0043		UltraTouch™ Natural Cotton Insulation *(07 21 16 00-0042)*		
		Note: 85% recycled denim cotton.		
07 21 16 00-0044	SF	3-1/2", R-13 UltraTouch™ Natural Cotton Insulation	2.93	0.46
		For >1,600, Deduct	*-0.45*	
07 21 16 00-0045	SF	5-1/2", R-19 UltraTouch™ Natural Cotton Insulation	3.31	0.46
		For >1,600, Deduct	*-0.52*	
07 21 16 00-0046	SF	5-1/2", R-21 UltraTouch™ Natural Cotton Insulation	3.75	0.46
		For >1,600, Deduct	*-0.61*	
07 21 16 00-0047	SF	8", R-30 UltraTouch™ Natural Cotton Insulation	5.07	0.46
		For >1,600, Deduct	*-0.86*	
07 21 23		**Loose-Fill Insulation** *(07 21)*		
07 21 23 00-0001		Poured Type, Loose Fill Insulation *(07 21 23)*		
07 21 23 00-0002	CF	R-4/Inch, Poured Type, Fiberglass Loose Fill Insulation	7.06	2.68
07 21 23 00-0003	CF	R-3.8/Inch, Poured Type, Cellulose Loose Fill Insulation	7.47	2.68
07 21 23 00-0004		Concrete Block Wall Cavity Insulation *(07 21 23)*		
07 21 23 00-0005	CF	R-2.7, Vermiculite Or Perlite, Concrete Block Wall Cavity Insulation	11.43	2.68
07 21 23 00-0006	CF	R-4, Polystyrene Foam, Concrete Block Wall Cavity Insulation	11.30	2.68
07 21 26		**Blown Insulation** *(07 21)*		
07 21 26 00-0001		Fiberglass Blown-In Insulation *(07 21 26)*		
07 21 26 00-0002		Attic, Fiberglass Blown-In Insulation *(07 21 26 00-0001)*		
07 21 26 00-0003	SF	4-1/2" Thick, R-11 Attic, Fiberglass Blown In Insulation	1.61	1.28
07 21 26 00-0004	SF	5-1/4" Thick, R-13 Attic, Fiberglass Blown In Insulation	1.79	1.40
07 21 26 00-0005	SF	6-1/2" Thick, R-17 Attic, Fiberglass Blown In Insulation	1.99	1.53
07 21 26 00-0006	SF	7-1/2" Thick, R-19 Attic, Fiberglass Blown In Insulation	2.22	1.65
07 21 26 00-0007	SF	8-1/2" Thick, R-22 Attic, Fiberglass Blown In Insulation	2.37	1.72
07 21 26 00-0008	SF	10-1/4" Thick, R-26 Attic, Fiberglass Blown In Insulation	2.56	1.78
07 21 26 00-0009	SF	11-1/2" Thick, R-30 Attic, Fiberglass Blown In Insulation	2.77	1.85
07 21 26 00-0010	SF	12-1/2" Thick, R-32 Attic, Fiberglass Blown In Insulation	2.89	1.90
07 21 26 00-0011	SF	13-1/2" Thick, R-35 Attic, Fiberglass Blown In Insulation	3.11	2.03
07 21 26 00-0012	SF	14-1/2" Thick, R-38 Attic, Fiberglass Blown In Insulation	3.29	2.10
07 21 26 00-0013	SF	16-1/2" Thick, R-44 Attic, Fiberglass Blown In Insulation	3.54	2.16
07 21 26 00-0014	SF	18-1/2" Thick, R-49 Attic, Fiberglass Blown In Insulation	3.85	2.29
07 21 26 00-0015	SF	21-3/4" Thick, R-60 Attic, Fiberglass Blown In Insulation	4.46	2.54
07 21 26 00-0016		New Wall, Fiberglass Blown-In Insulation *(07 21 26 00-0001)*		
07 21 26 00-0017	SF	3-1/2" Thick, R-15 New Wall, Fiberglass Blown In Insulation	2.45	1.28
07 21 26 00-0018	SF	5-1/2" Thick, R-23 New Wall, Fiberglass Blown In Insulation	3.26	1.53
07 21 26 00-0019	SF	7-1/4" Thick, R-31 New Wall, Fiberglass Blown In Insulation	3.86	1.65
07 21 26 00-0020	SF	9-1/4" Thick, R-39 New Wall, Fiberglass Blown In Insulation	4.60	1.78
07 21 26 00-0021		Existing Wall, Fiberglass Blown-In Insulation *(07 21 26 00-0001)*		
		Note: Includes drilling. Excludes patching.		
07 21 26 00-0022	SF	3-1/2" Thick, R-15 Existing Wall, Fiberglass Blown In Insulation	2.28	1.28
07 21 26 00-0023	SF	5-1/2" Thick, R-23 Existing Wall, Fiberglass Blown In Insulation	3.09	1.53
07 21 26 00-0024	SF	7-1/4" Thick, R-31 Existing Wall, Fiberglass Blown In Insulation	3.69	1.65
07 21 26 00-0025	SF	9-1/4" Thick, R-39 Existing Wall, Fiberglass Blown In Insulation	4.44	1.78
07 21 26 00-0026		Cellulose Blown-In Insulation *(07 21 26)*		
07 21 26 00-0027		Attic, Cellulose Blown-In Insulation *(07 21 26 00-0026)*		
07 21 26 00-0028	SF	3-3/4" Thick, R-13 Attic, Cellulose Blown In Insulation	1.68	1.28
07 21 26 00-0029	SF	5-1/2" Thick, R-19 Attic, Cellulose Blown In Insulation	2.01	1.40
07 21 26 00-0030	SF	6-1/4" Thick, R-22 Attic, Cellulose Blown In Insulation	2.25	1.53
07 21 26 00-0031	SF	7-3/4" Thick, R-28 Attic, Cellulose Blown In Insulation	2.61	1.65
07 21 26 00-0032	SF	8-1/2" Thick, R-30 Attic, Cellulose Blown In Insulation	2.67	1.65
07 21 26 00-0033	SF	10-3/4" Thick, R-38 Attic, Cellulose Blown In Insulation	3.11	1.78
07 21 26 00-0034	SF	11-1/4" Thick, R-40 Attic, Cellulose Blown In Insulation	3.20	1.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 26 00-0035	SF	12-1/2" Thick, R-45 Attic, Cellulose Blown In Insulation	3.49	1.90
07 21 26 00-0036	SF	13-3/4" Thick, R-50 Attic, Cellulose Blown In Insulation	3.72	1.90
07 21 26 00-0037	SF	15-1/2" Thick, R-55 Attic, Cellulose Blown In Insulation	4.02	2.03
07 21 26 00-0038	SF	16-1/2" Thick, R-60 Attic, Cellulose Blown In Insulation	4.24	2.03
07 21 26 00-0039		New Wall, Cellulose Blown-In Insulation *(07 21 26 00-0026)*		
07 21 26 00-0040	SF	3-1/2" Thick, R-13 New Wall, Cellulose Blown In Insulation	2.30	1.28
07 21 26 00-0041	SF	5-1/2" Thick, R-20 New Wall, Cellulose Blown In Insulation	3.04	1.53
07 21 26 00-0042	SF	7-1/4" Thick, R-27 New Wall, Cellulose Blown In Insulation	3.56	1.65
07 21 26 00-0043	SF	9-1/4" Thick, R-34 New Wall, Cellulose Blown In Insulation	4.21	1.78
07 21 26 00-0044		Existing Wall, Cellulose Blown-In Insulation *(07 21 26 00-0026)* Note: Includes drilling. Excludes patching.		
07 21 26 00-0045	SF	3-1/2" Thick, R-13 Existing Wall, Cellulose Blown In Insulation	2.13	1.28
07 21 26 00-0046	SF	5-1/2" Thick, R-20 Existing Wall, Cellulose Blown In Insulation	2.87	1.53
07 21 26 00-0047	SF	7-1/4" Thick, R-27 Existing Wall, Cellulose Blown In Insulation	3.39	1.65
07 21 26 00-0048	SF	9-1/4" Thick, R-34 Existing Wall, Cellulose Blown In Insulation	4.04	1.78
07 21 29		**Sprayed Insulation** *(07 21)*		
07 21 29 00-0001		Fiber Sprayed On Insulation *(07 21 29)* Note: Per each 1" of thickness.		
07 21 29 00-0002	SF	1" Thick, R2.7, Spray-on Perlite Insulation	3.07	0.79
07 21 29 00-0003	SF	1" Thick, R3.7, Spray-on Fibrous/Cementitious Insulation	2.22	0.79
07 21 29 00-0004		Cellulose Sprayed On Insulation *(07 21 29)*		
07 21 29 00-0005	SF	1" Thick, Spray-on Cellulose Insulation	4.59	0.79
07 21 53		**Reflective Insulation** *(07 21)*		
07 21 53 00-0001		Reflective Barrier Insulation (Foil - Single Bubble - Foil) *(07 21 53)*		
07 21 53 00-0002	SF	3/16" Nominal Thickness, Reflective Barrier Insulation, With Single Bubble Air Space	1.19	
07 21 53 00-0003		Reflective Radiant Foil Backed Paper *(07 21 53)*		
07 21 53 00-0004	CSF	Reflective Radiant Foil Backed Kraft Paper With Tape	74.50	24.28
		For >15' To 20' Installed Height, Add	*4.85*	
		For >20' To 25' Installed Height, Add	*7.27*	
		For >25' To 30' Installed Height, Add	*12.11*	

07 22 Roof and Deck Insulation *(07 20)*

07 22 16 Roof Board Insulation *(07 22)*

Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements. Types are stock sizes set in cold applied adhesive. Apply modifiers for specified alternate attachment.

07 22 16 00-0001		Rigid Board Roofing Insulation *(07 22 16)* Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements. See CSI section 07 22 16 00-0466 for demolition of insulation board.		
07 22 16 00-0002		Cold Adhesive Applied Rigid Board Roofing Insulation *(07 22 16 00-0001)*		
07 22 16 00-0003		Cold Adhesive Applied, High-Density Fiberboard, Roof Board Insulation *(07 22 16 00-0002)*		
07 22 16 00-0004	SF	1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	2.75	
07 22 16 00-0005	SF	25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	3.19	
07 22 16 00-0006	SF	1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	3.63	
07 22 16 00-0007	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	4.42	
07 22 16 00-0008	SF	2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	5.21	
07 22 16 00-0009		Cold Adhesive Applied, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation *(07 22 16 00-0002)*		
07 22 16 00-0010	SF	1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Cold Adhesive Applied	3.02	
07 22 16 00-0011	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Cold Adhesive Applied	3.50	
07 22 16 00-0012		Cold Adhesive Applied, Perlite, Roof Board Insulation *(07 22 16 00-0002)*		
07 22 16 00-0013	SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.66	
07 22 16 00-0014	SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.66	
07 22 16 00-0015	SF	3/4" Thick, R2.08, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.92	
07 22 16 00-0016	SF	1" Thick, R2.78, Perlite, Roof Board Insulation, Cold Adhesive Applied	3.23	
07 22 16 00-0017	SF	1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Cold Adhesive Applied	3.98	
07 22 16 00-0018	SF	2" Thick, R5.56, Perlite, Roof Board Insulation, Cold Adhesive Applied	4.45	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0019		**Cold Adhesive Applied, Basalt Mineral Wool, Roof Board Insulation** *(07 22 16 00-0002)*		
07 22 16 00-0020	SF	1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied	3.64	
07 22 16 00-0021	SF	2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied	4.83	
07 22 16 00-0022	SF	3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied	6.25	
07 22 16 00-0023		**Cold Adhesive Applied, Foam Glass (Cellular Glass), Roof Board Insulation** *(07 22 16 00-0002)*		
07 22 16 00-0024	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	6.63	
07 22 16 00-0025	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	7.78	
07 22 16 00-0026	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	10.10	
07 22 16 00-0027	SF	3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	13.49	
07 22 16 00-0028		**Cold Adhesive Applied, Molded Expanded Polystyrene, Roof Board Insulation** *(07 22 16 00-0002)*		
07 22 16 00-0029	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	2.31	
		For Loose-Laid, Deduct	*-1.27*	
07 22 16 00-0030	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	2.37	
		For Loose-Laid, Deduct	*-1.27*	
07 22 16 00-0031	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	2.66	
		For Loose-Laid, Deduct	*-1.27*	
07 22 16 00-0032	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	2.94	
		For Loose-Laid, Deduct	*-1.28*	
07 22 16 00-0033	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	4.06	
		For Loose-Laid, Deduct	*-1.29*	
07 22 16 00-0034	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	5.18	
		For Loose-Laid, Deduct	*-1.30*	
07 22 16 00-0035	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	6.31	
		For Loose-Laid, Deduct	*-1.32*	
07 22 16 00-0036	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	7.43	
		For Loose-Laid, Deduct	*-1.33*	
07 22 16 00-0037	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	8.55	
		For Loose-Laid, Deduct	*-1.34*	
07 22 16 00-0038		**Cold Adhesive Applied, Extruded Polystyrene, Roof Board Insulation** *(07 22 16 00-0002)*		
		Note: 15 PSI compressive strength.		
07 22 16 00-0039	SF	3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	3.47	
		For Loose-Laid, Deduct	*-1.37*	
		For 25 PSI Compressive Strength, Add	*0.35*	
		For 40 PSI Compressive Strength, Add	*0.83*	
		For 60 PSI Compressive Strength, Add	*1.33*	
		For 115 PSI Compressive Strength, Add	*5.73*	
07 22 16 00-0040	SF	1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	3.53	
		For Loose-Laid, Deduct	*-1.37*	
		For 25 PSI Compressive Strength, Add	*0.36*	
		For 40 PSI Compressive Strength, Add	*0.85*	
		For 60 PSI Compressive Strength, Add	*1.36*	
		For 115 PSI Compressive Strength, Add	*5.86*	
07 22 16 00-0041	SF	1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	4.52	
		For Loose-Laid, Deduct	*-1.37*	
		For 25 PSI Compressive Strength, Add	*0.52*	
		For 40 PSI Compressive Strength, Add	*1.22*	
		For 60 PSI Compressive Strength, Add	*1.93*	
		For 100 PSI Compressive Strength, Add	*2.48*	
		For 115 PSI Compressive Strength, Add	*8.41*	
07 22 16 00-0042	SF	2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	5.06	
		For Loose-Laid, Deduct	*-1.39*	
		For 25 PSI Compressive Strength, Add	*0.60*	
		For 40 PSI Compressive Strength, Add	*1.42*	
		For 60 PSI Compressive Strength, Add	*2.23*	
		For 115 PSI Compressive Strength, Add	*9.72*	
07 22 16 00-0043	SF	2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	6.20	
		For Loose-Laid, Deduct	*-1.39*	
		For 25 PSI Compressive Strength, Add	*0.78*	
		For 40 PSI Compressive Strength, Add	*1.85*	
		For 60 PSI Compressive Strength, Add	*2.89*	
		For 100 PSI Compressive Strength, Add	*3.72*	
		For 115 PSI Compressive Strength, Add	*12.65*	
07 22 16 00-0044	SF	3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	6.60	
		For Loose-Laid, Deduct	*-1.41*	
		For 25 PSI Compressive Strength, Add	*0.84*	
		For 40 PSI Compressive Strength, Add	*1.99*	
		For 60 PSI Compressive Strength, Add	*3.10*	
		For 115 PSI Compressive Strength, Add	*13.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0045	SF	4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	7.38	
		For Loose-Laid, Deduct	*-1.42*	
		For 25 PSI Compressive Strength, Add	*0.96*	
		For 40 PSI Compressive Strength, Add	*2.27*	
		For 60 PSI Compressive Strength, Add	*3.54*	
		For 115 PSI Compressive Strength, Add	*15.51*	
07 22 16 00-0046		**Cold Adhesive Applied, Polyisocyanurate Board Roofing Insulation** *(07 22 16 00-0002)*		
07 22 16 00-0047	SF	3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	3.12	
		For Loose-Laid, Deduct	*-1.37*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.18*	
07 22 16 00-0048	SF	1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	3.24	
		For Loose-Laid, Deduct	*-1.37*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.19*	
07 22 16 00-0049	SF	1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	3.42	
		For Loose-Laid, Deduct	*-1.38*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.21*	
07 22 16 00-0050	SF	2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	3.89	
		For Loose-Laid, Deduct	*-1.39*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.26*	
07 22 16 00-0051	SF	2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	4.37	
		For Loose-Laid, Deduct	*-1.40*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.30*	
07 22 16 00-0052	SF	3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	4.84	
		For Loose-Laid, Deduct	*-1.41*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.35*	
07 22 16 00-0053	SF	3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	5.35	
		For Loose-Laid, Deduct	*-1.41*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.40*	
07 22 16 00-0054	SF	4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	5.81	
		For Loose-Laid, Deduct	*-1.42*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.44*	
07 22 16 00-0055		**Cold Adhesive Applied, High-Density Polyisocyanurate Cover Board And Roofing Insulation** *(07 22 16 00-0002)*		
07 22 16 00-0056	SF	1/2" Thick, R2.5, High-Density Polyisocyanurate Cover Board And Roofing Insulation, Cold Adhesive Applied	3.62	
07 22 16 00-0057		**Cold Adhesive Applied, Gypsum-Fiber, Roof Board Insulation (USG Securock)** *(07 22 16 00-0002)*		
07 22 16 00-0058	SF	1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	3.38	
07 22 16 00-0059	SF	3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	3.58	
07 22 16 00-0060	SF	1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	3.72	
07 22 16 00-0061	SF	5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	3.78	
07 22 16 00-0062		**Cold Adhesive Applied, Glass-Mat, Roof Board Insulation (USG Securock)** *(07 22 16 00-0002)*		
07 22 16 00-0063	SF	1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied	3.32	
07 22 16 00-0064	SF	1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied	3.62	
07 22 16 00-0065	SF	5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied	3.68	
07 22 16 00-0066		**Cold Adhesive Applied, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation** *(07 22 16 00-0002)*		
		Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer.		
07 22 16 00-0067	SF	1.5" Thick, R6.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.78	
07 22 16 00-0068	SF	2" Thick, R9.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.06	
07 22 16 00-0069	SF	2.5" Thick, R12.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.46	
07 22 16 00-0070	SF	3" Thick, R15.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.70	
07 22 16 00-0071	SF	3.5" Thick, R18.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	7.27	
07 22 16 00-0072	SF	4" Thick, R21.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	7.51	
07 22 16 00-0073	SF	4.5" Thick, R24.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	7.90	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0074		Cold Adhesive Applied, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation *(07 22 16 00-0002)*		
		Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer.		
07 22 16 00-0075	SF	2.5" Thick, R5.7, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.83	
07 22 16 00-0076	SF	3" Thick, R8.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.34	
07 22 16 00-0077	SF	3.5" Thick, R11.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.95	
07 22 16 00-0078	SF	4" Thick, R14.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	7.33	
07 22 16 00-0079	SF	4.5" Thick, R17.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	7.84	
07 22 16 00-0080	SF	5" Thick, R20.5, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	8.38	
07 22 16 00-0081	SF	5.5" Thick, R23.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	9.37	
07 22 16 00-0082		Hot-Mopped Rigid Board Roofing Insulation *(07 22 16 00-0001)*		
07 22 16 00-0083		Hot-Mopped, High-Density Fiberboard, Roof Board Insulation *(07 22 16 00-0082)*		
07 22 16 00-0084	SF	1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	2.49	
07 22 16 00-0085	SF	25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	2.93	
07 22 16 00-0086	SF	1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	3.38	
07 22 16 00-0087	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	4.19	
07 22 16 00-0088	SF	2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	5.00	
07 22 16 00-0089		Hot-Mopped, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation *(07 22 16 00-0082)*		
07 22 16 00-0090	SF	1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Hot-Mopped	2.76	
07 22 16 00-0091	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Hot-Mopped	3.24	
07 22 16 00-0092		Hot-Mopped, Perlite, Roof Board Insulation *(07 22 16 00-0082)*		
07 22 16 00-0093	SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation, Hot-Mopped	2.39	
07 22 16 00-0094	SF	3/4" Thick, R2.08, Perlite, Roof Board Insulation, Hot-Mopped	2.64	
07 22 16 00-0095	SF	1" Thick, R2.78, Perlite, Roof Board Insulation, Hot-Mopped	2.95	
07 22 16 00-0096	SF	1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Hot-Mopped	3.70	
07 22 16 00-0097	SF	2" Thick, R5.56, Perlite, Roof Board Insulation, Hot-Mopped	4.17	
07 22 16 00-0098		Hot-Mopped, Basalt Mineral Wool, Roof Board Insulation *(07 22 16 00-0082)*		
07 22 16 00-0099	SF	1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped	3.35	
07 22 16 00-0100	SF	2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped	4.54	
07 22 16 00-0101	SF	3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped	5.98	
07 22 16 00-0102		Hot-Mopped, Foam Glass (Cellular Glass), Roof Board Insulation *(07 22 16 00-0082)*		
07 22 16 00-0103	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	6.34	
07 22 16 00-0104	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	7.50	
07 22 16 00-0105	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	9.82	
07 22 16 00-0106	SF	3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	13.22	
07 22 16 00-0107		Hot-Mopped, Molded Expanded Polystyrene, Roof Board Insulation *(07 22 16 00-0082)*		
07 22 16 00-0108	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	2.01	
07 22 16 00-0109	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	2.07	
07 22 16 00-0110	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	2.24	
07 22 16 00-0111	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	2.62	
07 22 16 00-0112	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	3.75	
07 22 16 00-0113	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	4.89	
07 22 16 00-0114	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	6.01	
07 22 16 00-0115	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	7.14	
07 22 16 00-0116	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	8.26	
07 22 16 00-0117		Hot-Mopped, Extruded Polystyrene, Roof Board Insulation *(07 22 16 00-0082)*		
		Note: 15 PSI compressive strength.		
07 22 16 00-0118	SF	3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	3.19	
		For 25 PSI Compressive Strength, Add	*0.28*	
		For 40 PSI Compressive Strength, Add	*0.67*	
		For 60 PSI Compressive Strength, Add	*1.10*	
		For 115 PSI Compressive Strength, Add	*4.69*	
07 22 16 00-0119	SF	1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	3.25	
		For 25 PSI Compressive Strength, Add	*0.29*	
		For 40 PSI Compressive Strength, Add	*0.69*	
		For 60 PSI Compressive Strength, Add	*1.13*	
		For 115 PSI Compressive Strength, Add	*4.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0120	SF	1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	4.24	
		For 25 PSI Compressive Strength, Add	*0.45*	
		For 40 PSI Compressive Strength, Add	*1.07*	
		For 60 PSI Compressive Strength, Add	*1.70*	
		For 100 PSI Compressive Strength, Add	*2.18*	
		For 115 PSI Compressive Strength, Add	*7.36*	
07 22 16 00-0121	SF	2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	4.93	
		For 25 PSI Compressive Strength, Add	*0.53*	
		For 40 PSI Compressive Strength, Add	*1.26*	
		For 60 PSI Compressive Strength, Add	*2.00*	
		For 115 PSI Compressive Strength, Add	*8.67*	
07 22 16 00-0122	SF	2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	19.11	
		For 25 PSI Compressive Strength, Add	*0.71*	
		For 40 PSI Compressive Strength, Add	*1.69*	
		For 60 PSI Compressive Strength, Add	*3.32*	
		For 100 PSI Compressive Strength, Add	*4.08*	
		For 115 PSI Compressive Strength, Add	*12.93*	
07 22 16 00-0123	SF	3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	6.32	
		For 25 PSI Compressive Strength, Add	*0.77*	
		For 40 PSI Compressive Strength, Add	*1.83*	
		For 60 PSI Compressive Strength, Add	*2.87*	
		For 115 PSI Compressive Strength, Add	*12.51*	
07 22 16 00-0124	SF	4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	7.10	
		For 25 PSI Compressive Strength, Add	*0.89*	
		For 40 PSI Compressive Strength, Add	*2.11*	
		For 60 PSI Compressive Strength, Add	*3.30*	
		For 115 PSI Compressive Strength, Add	*14.44*	
07 22 16 00-0125		**Hot-Mopped, Polyisocyanurate Board Roofing Insulation** *(07 22 16 00-0082)*		
07 22 16 00-0126	SF	3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	2.84	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.14*	
07 22 16 00-0127	SF	1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	2.96	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.15*	
07 22 16 00-0128	SF	1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	3.14	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.17*	
07 22 16 00-0129	SF	2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	3.61	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.22*	
07 22 16 00-0130	SF	2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	4.10	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.26*	
07 22 16 00-0131	SF	3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	4.57	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.31*	
07 22 16 00-0132	SF	3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	4.94	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.36*	
07 22 16 00-0133	SF	4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	5.53	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.40*	
07 22 16 00-0134		**Hot-Mopped, Gypsum-Fiber, Roof Board Insulation (USG Securock)** *(07 22 16 00-0082)*		
07 22 16 00-0135	SF	1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped	3.13	
07 22 16 00-0136	SF	3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped	3.33	
07 22 16 00-0137	SF	1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped	3.46	
07 22 16 00-0138	SF	5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped	3.53	
07 22 16 00-0139		**Hot-Mopped, Glass-Mat, Roof Board Insulation (USG Securock)** *(07 22 16 00-0082)*		
07 22 16 00-0140	SF	1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped	3.06	
07 22 16 00-0141	SF	1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped	3.36	
07 22 16 00-0142	SF	5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped	3.43	
07 22 16 00-0143		**Mechanically Fastened Rigid Board Roofing Insulation** *(07 22 16 00-0001)*		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0144		**Mechanically Fastened, High-Density Fiberboard, Roof Board Insulation** *(07 22 16 00-0143)*		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0145	SF	1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened	2.56	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.84*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.03*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0146	SF	25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened	3.01	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.87*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.06*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0147	SF	1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened	3.45	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.90*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.09*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0148	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened	4.34	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0149	SF	2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened	5.13	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.45*	
07 22 16 00-0150		Mechanically Fastened, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation *(07 22 16 00-0143)*		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0151	SF	1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Mechanically Fastened	2.84	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.90*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.09*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0152	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Mechanically Fastened	3.32	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.90*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.09*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0153		Mechanically Fastened, Perlite, Roof Board Insulation *(07 22 16 00-0143)*		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0154	SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation, Mechanically Fastened	2.48	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.78*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.97*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0155	SF	3/4" Thick, R2.08, Perlite, Roof Board Insulation, Mechanically Fastened	2.74	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.79*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.98*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0156	SF	1" Thick, R2.78, Perlite, Roof Board Insulation, Mechanically Fastened	3.05	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.79*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.98*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0157	SF	1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Mechanically Fastened	3.90	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0158	SF	2" Thick, R5.56, Perlite, Roof Board Insulation, Mechanically Fastened	4.37	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.45*	
07 22 16 00-0159		Mechanically Fastened, Basalt Mineral Wool, Roof Board Insulation *(07 22 16 00-0143)*		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0160	SF	1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened	3.46	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.79*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.98*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0161	SF	2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened	4.75	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.45*	
07 22 16 00-0162	SF	3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened	6.27	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.14*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.49*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.76*	
07 22 16 00-0163		Mechanically Fastened, Foam Glass (Cellular Glass), Roof Board Insulation *(07 22 16 00-0143)*		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0164	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened	6.55	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0165	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened	7.70	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0166	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened	10.12	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.14*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.49*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.76*	
07 22 16 00-0167	SF	3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened	13.69	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Gypsum, Add	*2.34*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.72*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.37*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.35*	

07 22 16 00-0168 Mechanically Fastened, Molded Expanded Polystyrene, Roof Board Insulation *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0169	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	2.13	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.72*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.91*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0170	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	2.19	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.72*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.91*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0171	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	2.48	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.72*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.91*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0172	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	2.76	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.73*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.92*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0173	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	3.98	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.45*	
07 22 16 00-0174	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	5.20	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.07*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.42*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.76*	
07 22 16 00-0175	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	6.50	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Gypsum, Add	*2.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.37*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0176	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	7.83	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.92*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.76*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.68*	
07 22 16 00-0177	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	9.48	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Gypsum, Add	*2.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.93*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.49*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*4.21*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.89*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.22*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*6.10*	

07 22 16 00-0178 Mechanically Fastened, Extruded Polystyrene, Roof Board Insulation *(07 22 16 00-0143)*

Note: 15 PSI compressive strength. Mechanically fastened to wood or steel.

07 22 16 00-0179	SF	3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	3.29	
		For 25 PSI Compressive Strength, Add	*0.32*	
		For 40 PSI Compressive Strength, Add	*0.76*	
		For 60 PSI Compressive Strength, Add	*1.22*	
		For 115 PSI Compressive Strength, Add	*5.27*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.79*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.98*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0180	SF	1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	3.35	
		For 25 PSI Compressive Strength, Add	*0.33*	
		For 40 PSI Compressive Strength, Add	*0.78*	
		For 60 PSI Compressive Strength, Add	*1.25*	
		For 115 PSI Compressive Strength, Add	*5.40*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.79*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.98*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0181	SF	1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	4.44	
		For 25 PSI Compressive Strength, Add	*0.50*	
		For 40 PSI Compressive Strength, Add	*1.19*	
		For 60 PSI Compressive Strength, Add	*1.89*	
		For 100 PSI Compressive Strength, Add	*2.42*	
		For 115 PSI Compressive Strength, Add	*8.20*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0182	SF	2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	4.98	
		For 25 PSI Compressive Strength, Add	*0.58*	
		For 40 PSI Compressive Strength, Add	*1.39*	
		For 60 PSI Compressive Strength, Add	*2.18*	
		For 115 PSI Compressive Strength, Add	*9.51*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0183	SF	2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	6.23	
		For 25 PSI Compressive Strength, Add	*0.78*	
		For 40 PSI Compressive Strength, Add	*1.86*	
		For 60 PSI Compressive Strength, Add	*2.91*	
		For 100 PSI Compressive Strength, Add	*3.74*	
		For 115 PSI Compressive Strength, Add	*12.73*	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Gypsum, Add	*2.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.13*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.48*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.66*	
07 22 16 00-0184	SF	3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	6.62	
		For 25 PSI Compressive Strength, Add	*0.84*	
		For 40 PSI Compressive Strength, Add	*2.00*	
		For 60 PSI Compressive Strength, Add	*3.11*	
		For 115 PSI Compressive Strength, Add	*13.63*	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.14*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.49*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.76*	
07 22 16 00-0185	SF	4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	7.57	
		For 25 PSI Compressive Strength, Add	*0.99*	
		For 40 PSI Compressive Strength, Add	*2.34*	
		For 60 PSI Compressive Strength, Add	*3.65*	
		For 115 PSI Compressive Strength, Add	*16.00*	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Gypsum, Add	*2.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.37*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.02*	

07 22 16 00-0186 Mechanically Fastened, Polyisocyanurate Board Roofing Insulation *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0187	SF	3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	2.94	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.79*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.98*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0188	SF	1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	3.06	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.18*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.79*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.98*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0189	SF	1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	3.34	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.20*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0190	SF	2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	3.81	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.25*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.45*	
07 22 16 00-0191	SF	2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	4.39	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.30*	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Gypsum, Add	*2.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.14*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.49*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.66*	
07 22 16 00-0192	SF	3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	4.87	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.35*	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.14*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.49*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.76*	
07 22 16 00-0193	SF	3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	5.54	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.42*	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Gypsum, Add	*2.34*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.73*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.37*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.36*	
07 22 16 00-0194	SF	4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	6.00	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.46*	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Gypsum, Add	*2.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.37*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.02*	

07 22 16 00-0195 Mechanically Fastened, High-Density Polyisocyanurate Cover Board And Roofing Insulation *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0196	SF	1/2" Thick, R2.5, High-Density Polyisocyanurate Cover Board And Roofing Insulation, Mechanically Fastened	3.44	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.84*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.03*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	

07 22 16 00-0197 Mechanically Fastened, Gypsum-Fiber, Roof Board Insulation (USG Securock) *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0198	SF	1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	3.20	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.84*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.03*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0199	SF	3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	3.40	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.84*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.03*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0200	SF	1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	3.54	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.84*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.03*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0201	SF	5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	3.60	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.84*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.03*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	

07 22 16 00-0202 Mechanically Fastened, Glass-Mat, Roof Board Insulation (USG Securock)

(07 22 16 00-0143)

Note: Mechanically fastened to wood or steel.

07 22 16 00-0203	SF	1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened	3.14	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.84*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.03*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0204	SF	1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened	3.44	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.84*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.03*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0205	SF	5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened	3.50	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.84*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.03*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	

07 22 16 00-0206 Mechanically Fastened, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation *(07 22 16 00-0143)*

Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer. Mechanically fastened to wood or steel.

07 22 16 00-0207	SF	1.5" Thick, R6.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	5.70	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.45*	
07 22 16 00-0208	SF	2" Thick, R9.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	5.98	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0209	SF	2.5" Thick, R12.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	6.48	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Gypsum, Add	*2.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.70*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.66*	
07 22 16 00-0210	SF	3" Thick, R15.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	6.72	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.70*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.76*	
07 22 16 00-0211	SF	3.5" Thick, R18.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	7.46	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Gypsum, Add	*2.34*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.37*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.57*	
07 22 16 00-0212	SF	4" Thick, R21.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	7.70	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Gypsum, Add	*2.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.37*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.02*	
07 22 16 00-0213	SF	4.5" Thick, R24.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	8.30	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*4.25*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.76*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*6.01*	

07 22 16 00-0214 Mechanically Fastened, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation *(07 22 16 00-0143)*

Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer. Mechanically fastened to wood or steel.

07 22 16 00-0215	SF	2.5" Thick, R5.7, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	5.85	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Gypsum, Add	*2.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.33*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.68*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.66*	
07 22 16 00-0216	SF	3" Thick, R8.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	6.36	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.34*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.69*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.76*	
07 22 16 00-0217	SF	3.5" Thick, R11.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	7.14	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Gypsum, Add	*2.34*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.93*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.37*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0218	SF	4" Thick, R14.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	7.53	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Gypsum, Add	*2.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.37*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.02*	
07 22 16 00-0219	SF	4.5" Thick, R17.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	8.24	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*4.19*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.76*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.95*	
07 22 16 00-0220	SF	5" Thick, R20.5, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	8.78	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*4.20*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.76*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.96*	
07 22 16 00-0221	SF	5.5" Thick, R23.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	10.02	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Gypsum, Add	*2.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.93*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.49*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*4.53*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.89*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.22*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*6.42*	

07 22 16 00-0222 Rigid Board Tapered Roofing Insulation *(07 22 16)*

Note: Includes tapered board and filler board required to maintain slope starting at 1/2" minimum thickness. Excludes base layer of board, if required. Average thickness and average R-value of tapered system excludes thickness and R-value of base layer insulation and/or cover board. See CSI section 07 22 16 00-0466 for demolition of insulation board.

07 22 16 00-0223 Cold Adhesive Applied Rigid Board Tapered Roofing Insulation *(07 22 16 00-0222)*

07 22 16 00-0224 Cold Adhesive Applied, Tapered Polyisocyanurate Board *(07 22 16 00-0223)*

Note: Includes polyurethane adhesive.

07 22 16 00-0225 Cold Adhesive Applied, 1/8" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0224)*

07 22 16 00-0226	SF	2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	5.64	
		For 25 PSI Compressive Strength, Add	*0.37*	
07 22 16 00-0227	SF	2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	7.70	
		For 25 PSI Compressive Strength, Add	*0.42*	
07 22 16 00-0228	SF	3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	8.36	
		For 25 PSI Compressive Strength, Add	*0.49*	
07 22 16 00-0229	SF	3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	9.03	
		For 25 PSI Compressive Strength, Add	*0.56*	
07 22 16 00-0230	SF	4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	9.69	
		For 25 PSI Compressive Strength, Add	*0.62*	
07 22 16 00-0231	SF	4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	11.77	
		For 25 PSI Compressive Strength, Add	*0.68*	
07 22 16 00-0232	SF	5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	12.43	
		For 25 PSI Compressive Strength, Add	*0.74*	
07 22 16 00-0233	SF	5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	13.10	
		For 25 PSI Compressive Strength, Add	*0.81*	
07 22 16 00-0234	SF	6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	13.76	
		For 25 PSI Compressive Strength, Add	*0.88*	
07 22 16 00-0235	SF	6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	15.82	
		For 25 PSI Compressive Strength, Add	*0.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 22 16 00-0236 Cold Adhesive Applied, 1/4" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0224)*

07 22 16 00-0237	SF	2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	5.31	
		For 25 PSI Compressive Strength, Add	*0.34*	
07 22 16 00-0238	SF	3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	8.03	
		For 25 PSI Compressive Strength, Add	*0.46*	
07 22 16 00-0239	SF	4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	9.36	
		For 25 PSI Compressive Strength, Add	*0.59*	
07 22 16 00-0240	SF	5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	12.10	
		For 25 PSI Compressive Strength, Add	*0.71*	
07 22 16 00-0241	SF	6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	13.43	
		For 25 PSI Compressive Strength, Add	*0.84*	
07 22 16 00-0242	SF	7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	16.15	
		For 25 PSI Compressive Strength, Add	*0.96*	

07 22 16 00-0243 Cold Adhesive Applied, 1/2" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0224)*

07 22 16 00-0244	SF	3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	8.69	
		For 25 PSI Compressive Strength, Add	*0.52*	
07 22 16 00-0245	SF	5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	12.77	
		For 25 PSI Compressive Strength, Add	*0.78*	
07 22 16 00-0246	SF	7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	16.82	
		For 25 PSI Compressive Strength, Add	*1.03*	
07 22 16 00-0247	SF	9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	20.89	
		For 25 PSI Compressive Strength, Add	*1.28*	

07 22 16 00-0248 Cold Adhesive Applied, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0223)*

Note: Includes polyurethane adhesive.

07 22 16 00-0249 Cold Adhesive Applied, 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0248)*

07 22 16 00-0250	SF	2.25" Average Thickness (10.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	4.89	
07 22 16 00-0251	SF	2.75" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	6.99	
07 22 16 00-0252	SF	3.25" Average Thickness (14.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	7.49	
07 22 16 00-0253	SF	3.75" Average Thickness (16.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	7.99	
07 22 16 00-0254	SF	4.25" Average Thickness (19.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	8.49	
07 22 16 00-0255	SF	4.75" Average Thickness (21.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	10.60	
07 22 16 00-0256	SF	5.25" Average Thickness (23.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	11.10	
07 22 16 00-0257	SF	5.75" Average Thickness (25.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	11.60	
07 22 16 00-0258	SF	6.25" Average Thickness (28.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	12.10	
07 22 16 00-0259	SF	6.75" Average Thickness (30.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	14.20	

07 22 16 00-0260 Cold Adhesive Applied, 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0248)*

07 22 16 00-0261	SF	2" Average Thickness (9 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	4.64	
07 22 16 00-0262	SF	3" Average Thickness (13.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	7.24	
07 22 16 00-0263	SF	4" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	8.24	
07 22 16 00-0264	SF	5" Average Thickness (22.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	10.85	
07 22 16 00-0265	SF	6" Average Thickness (27 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	11.85	
07 22 16 00-0266	SF	7" Average Thickness (31.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	14.45	

07 22 16 00-0267 Cold Adhesive Applied, 1/2" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0248)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0268	SF	3.5" Average Thickness (15.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	7.74	
07 22 16 00-0269	SF	5.5" Average Thickness (24.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	11.35	
07 22 16 00-0270	SF	7.5" Average Thickness (33.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	14.94	
07 22 16 00-0271	SF	9.5" Average Thickness (42.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	19.05	
07 22 16 00-0272		Cold Adhesive Applied, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0223)*		
		Note: Includes polyurethane adhesive.		
07 22 16 00-0273		Cold Adhesive Applied, 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0272)*		
07 22 16 00-0274	SF	2.25" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	5.49	
07 22 16 00-0275	SF	2.75" Average Thickness (15.125 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	7.56	
07 22 16 00-0276	SF	3.25" Average Thickness (17.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	8.19	
07 22 16 00-0277	SF	3.75" Average Thickness (20.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	8.82	
07 22 16 00-0278	SF	4.25" Average Thickness (23.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	9.45	
07 22 16 00-0279	SF	4.75" Average Thickness (26.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	11.54	
07 22 16 00-0280	SF	5.25" Average Thickness (28.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	12.17	
07 22 16 00-0281	SF	5.75" Average Thickness (31.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	12.80	
07 22 16 00-0282	SF	6.25" Average Thickness (34.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	13.43	
07 22 16 00-0283	SF	6.75" Average Thickness (37.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	15.50	
07 22 16 00-0284		Cold Adhesive Applied, 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0272)*		
07 22 16 00-0285	SF	2" Average Thickness (11 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	5.17	
07 22 16 00-0286	SF	3" Average Thickness (16.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	7.87	
07 22 16 00-0287	SF	4" Average Thickness (22 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	9.13	
07 22 16 00-0288	SF	5" Average Thickness (27.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	11.85	
07 22 16 00-0289	SF	6" Average Thickness (33 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	13.11	
07 22 16 00-0290	SF	7" Average Thickness (38.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	15.81	
07 22 16 00-0291		Cold Adhesive Applied, 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0272)*		
07 22 16 00-0292	SF	3.5" Average Thickness (19.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	8.50	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.41*	
07 22 16 00-0293	SF	5.5" Average Thickness (30.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	12.48	
07 22 16 00-0294	SF	7.5" Average Thickness (41.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	16.44	
07 22 16 00-0295	SF	9.5" Average Thickness (52.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	20.42	
07 22 16 00-0296		Cold Adhesive Applied, Tapered Perlite Board *(07 22 16 00-0223)*		
		Note: Includes polyurethane adhesive.		
07 22 16 00-0297		Cold Adhesive Applied, 1/8" Slope, Tapered Perlite Board *(07 22 16 00-0296)*		
07 22 16 00-0298	SF	2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	8.02	
07 22 16 00-0299	SF	2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	9.36	
07 22 16 00-0300	SF	3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	10.75	
07 22 16 00-0301	SF	3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	11.24	
07 22 16 00-0302	SF	4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	12.63	
07 22 16 00-0303	SF	4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	13.97	
07 22 16 00-0304	SF	5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	15.37	
07 22 16 00-0305	SF	5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	15.85	
07 22 16 00-0306	SF	6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	17.25	
07 22 16 00-0307	SF	6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	18.59	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 22 16 00-0308 Cold Adhesive Applied, 1/4" Slope, Tapered Perlite Board *(07 22 16 00-0296)*

07 22 16 00-0309	SF	2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	7.32	
07 22 16 00-0310	SF	3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	10.06	
07 22 16 00-0311	SF	4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	11.94	
07 22 16 00-0312	SF	5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	14.67	
07 22 16 00-0313	SF	6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	16.55	
07 22 16 00-0314	SF	7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	19.28	

07 22 16 00-0315 Cold Adhesive Applied, 1/2" Slope, Tapered Perlite Board *(07 22 16 00-0296)*

07 22 16 00-0316	SF	3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	11.45	
07 22 16 00-0317	SF	5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	16.06	
07 22 16 00-0318	SF	7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	20.68	
07 22 16 00-0319	SF	9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	25.29	

07 22 16 00-0320 Hot-Mopped Rigid Board Tapered Roofing Insulation *(07 22 16 00-0222)*

07 22 16 00-0321 Hot-Mopped, Tapered Polyisocyanurate Board *(07 22 16 00-0320)*

07 22 16 00-0322 Hot-Mopped, 1/8" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0321)*

07 22 16 00-0323	SF	2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	5.22	
		For 25 PSI Compressive Strength, Add	*0.33*	
07 22 16 00-0324	SF	2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	7.27	
		For 25 PSI Compressive Strength, Add	*0.35*	
07 22 16 00-0325	SF	3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	7.93	
		For 25 PSI Compressive Strength, Add	*0.41*	
07 22 16 00-0326	SF	3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	8.25	
		For 25 PSI Compressive Strength, Add	*0.48*	
07 22 16 00-0327	SF	4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	9.26	
		For 25 PSI Compressive Strength, Add	*0.55*	
07 22 16 00-0328	SF	4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	11.14	
		For 25 PSI Compressive Strength, Add	*0.56*	
07 22 16 00-0329	SF	5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	11.80	
		For 25 PSI Compressive Strength, Add	*0.63*	
07 22 16 00-0330	SF	5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	12.47	
		For 25 PSI Compressive Strength, Add	*0.70*	
07 22 16 00-0331	SF	6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	13.13	
		For 25 PSI Compressive Strength, Add	*0.76*	
07 22 16 00-0332	SF	6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	14.97	
		For 25 PSI Compressive Strength, Add	*0.78*	

07 22 16 00-0333 Hot-Mopped, 1/4" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0321)*

07 22 16 00-0334	SF	2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	5.08	
		For 25 PSI Compressive Strength, Add	*0.30*	
07 22 16 00-0335	SF	3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	7.60	
		For 25 PSI Compressive Strength, Add	*0.38*	
07 22 16 00-0336	SF	4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	8.93	
		For 25 PSI Compressive Strength, Add	*0.51*	
07 22 16 00-0337	SF	5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	11.47	
		For 25 PSI Compressive Strength, Add	*0.60*	
07 22 16 00-0338	SF	6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	12.80	
		For 25 PSI Compressive Strength, Add	*0.73*	
07 22 16 00-0339	SF	7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	15.31	
		For 25 PSI Compressive Strength, Add	*0.81*	

07 22 16 00-0340 Hot-Mopped, 1/2" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0321)*

07 22 16 00-0341	SF	3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	8.27	
		For 25 PSI Compressive Strength, Add	*0.45*	
07 22 16 00-0342	SF	5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	12.13	
		For 25 PSI Compressive Strength, Add	*0.66*	
07 22 16 00-0343	SF	7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	15.97	
		For 25 PSI Compressive Strength, Add	*0.88*	
07 22 16 00-0344	SF	9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	19.83	
		For 25 PSI Compressive Strength, Add	*1.09*	

07 22 16 00-0345 Hot-Mopped, Tapered Perlite Board *(07 22 16 00-0320)*

07 22 16 00-0346 Hot-Mopped, 1/8" Slope, Tapered Perlite Board *(07 22 16 00-0345)*

07 22 16 00-0347	SF	2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	7.11	
07 22 16 00-0348	SF	2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	8.93	
07 22 16 00-0349	SF	3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	10.33	
07 22 16 00-0350	SF	3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	10.13	
07 22 16 00-0351	SF	4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	11.52	
07 22 16 00-0352	SF	4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	13.34	
07 22 16 00-0353	SF	5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	14.74	
07 22 16 00-0354	SF	5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	14.54	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0355	SF	6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	15.93	
07 22 16 00-0356	SF	6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	17.74	
07 22 16 00-0357		Hot-Mopped, 1/4" Slope, Tapered Perlite Board *(07 22 16 00-0345)*		
07 22 16 00-0358	SF	2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	6.41	
07 22 16 00-0359	SF	3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	9.63	
07 22 16 00-0360	SF	4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	10.82	
07 22 16 00-0361	SF	5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	14.04	
07 22 16 00-0362	SF	6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	15.23	
07 22 16 00-0363	SF	7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	18.44	
07 22 16 00-0364		Hot-Mopped, 1/2" Slope, Tapered Perlite Board *(07 22 16 00-0345)*		
07 22 16 00-0365	SF	3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped	11.02	
07 22 16 00-0366	SF	5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped	15.43	
07 22 16 00-0367	SF	7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped	84.58	
07 22 16 00-0368	SF	9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped	24.23	
07 22 16 00-0369		Mechanically Fastened Tapered Roofing Insulation *(07 22 16 00-0222)* Note: Mechanically fastened to wood or steel. Includes tapered board and filler board required to maintain slope starting at 1/2" minimum thickness. Excludes base layer of board, if required. Average thickness and average R-value of tapered system excludes thickness and R-value of base layer insulation and/or cover board.		
07 22 16 00-0370		Mechanically Fastened, Tapered Polyisocyanurate Board *(07 22 16 00-0369)* Note: Mechanically fastened to wood or steel.		
07 22 16 00-0371		Mechanically Fastened, 1/8" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0370)*		
07 22 16 00-0372	SF	2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	5.56	
		For 25 PSI Compressive Strength, Add	*0.36*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.29*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0373	SF	2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	7.04	
		For 25 PSI Compressive Strength, Add	*0.36*	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.66*	
07 22 16 00-0374	SF	3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	7.70	
		For 25 PSI Compressive Strength, Add	*0.42*	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.76*	
07 22 16 00-0375	SF	3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	8.54	
		For 25 PSI Compressive Strength, Add	*0.51*	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.34*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.27*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.37*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.90*	
07 22 16 00-0376	SF	4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	9.20	
		For 25 PSI Compressive Strength, Add	*0.57*	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.37*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0377	SF	4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	10.80	
		For 25 PSI Compressive Strength, Add	*0.58*	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.76*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.28*	
07 22 16 00-0378	SF	5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	11.47	
		For 25 PSI Compressive Strength, Add	*0.65*	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.76*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.28*	
07 22 16 00-0379	SF	5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	12.38	
		For 25 PSI Compressive Strength, Add	*0.74*	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.93*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.49*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.80*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.89*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.22*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.69*	
07 22 16 00-0380	SF	6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	13.04	
		For 25 PSI Compressive Strength, Add	*0.80*	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.93*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.49*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.80*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.89*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.22*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.69*	
07 22 16 00-0381	SF	6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	14.81	
		For 25 PSI Compressive Strength, Add	*0.83*	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.31*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.47*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.80*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.34*	
07 22 16 00-0382		**Mechanically Fastened, 1/4" Slope, Tapered Polyisocyanurate Board** *(07 22 16 00-0370)*		
07 22 16 00-0383	SF	2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	5.23	
		For 25 PSI Compressive Strength, Add	*0.33*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.29*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0384	SF	3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	7.37	
		For 25 PSI Compressive Strength, Add	*0.39*	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0385	SF	4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	8.87	
		For 25 PSI Compressive Strength, Add	*0.54*	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.34*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.27*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.37*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.90*	
07 22 16 00-0386	SF	5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	11.13	
		For 25 PSI Compressive Strength, Add	*0.61*	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.76*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.28*	
07 22 16 00-0387	SF	6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	12.71	
		For 25 PSI Compressive Strength, Add	*0.77*	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.93*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.49*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.80*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.89*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.22*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.69*	
07 22 16 00-0388	SF	7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	15.14	
		For 25 PSI Compressive Strength, Add	*0.86*	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.31*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.47*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.80*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.34*	
07 22 16 00-0389		**Mechanically Fastened, 1/2" Slope, Tapered Polyisocyanurate Board** *(07 22 16 00-0370)*		
07 22 16 00-0390	SF	3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	8.03	
		For 25 PSI Compressive Strength, Add	*0.46*	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.76*	
07 22 16 00-0391	SF	5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	11.37	
		For 25 PSI Compressive Strength, Add	*0.64*	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.76*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.28*	
07 22 16 00-0392	SF	7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	15.80	
		For 25 PSI Compressive Strength, Add	*0.93*	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.31*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.47*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.80*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0393	SF	9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	20.08	
		For 25 PSI Compressive Strength, Add	*1.20*	
		For Mechanically Fastened To Concrete, Add	*1.84*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*3.24*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*4.50*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*4.87*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*6.75*	

07 22 16 00-0394 Mechanically Fastened, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0369)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0395 Mechanically Fastened, 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0394)*

07 22 16 00-0396	SF	2.25" Average Thickness (10.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	4.81	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.29*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0397	SF	2.75" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	6.33	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.66*	
07 22 16 00-0398	SF	3.25" Average Thickness (14.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	6.83	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.76*	
07 22 16 00-0399	SF	3.75" Average Thickness (16.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	7.50	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.34*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.27*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.37*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.90*	
07 22 16 00-0400	SF	4.25" Average Thickness (19.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	8.00	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.37*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.02*	
07 22 16 00-0401	SF	4.75" Average Thickness (21.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	9.64	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.76*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.28*	
07 22 16 00-0402	SF	5.25" Average Thickness (23.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	10.13	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.76*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0403	SF	5.75" Average Thickness (25.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	10.88	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.93*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.49*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.80*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.89*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.22*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.69*	
07 22 16 00-0404	SF	6.25" Average Thickness (28.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	11.38	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.93*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.49*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.80*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.89*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.22*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.69*	
07 22 16 00-0405	SF	6.75" Average Thickness (30.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	13.18	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.31*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.47*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.80*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.34*	

07 22 16 00-0406 Mechanically Fastened, 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0394)*

07 22 16 00-0407	SF	2" Average Thickness (9 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	4.56	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.29*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0408	SF	3" Average Thickness (13.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	6.58	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.66*	
07 22 16 00-0409	SF	4" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	7.75	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.34*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.27*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.37*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.90*	
07 22 16 00-0410	SF	5" Average Thickness (22.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	9.88	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.76*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.28*	
07 22 16 00-0411	SF	6" Average Thickness (27 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	11.13	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.93*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.49*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.80*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.89*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.22*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0412	SF	7" Average Thickness (31.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	13.43	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.31*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.47*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.80*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.34*	

07 22 16 00-0413 Mechanically Fastened, 1/2" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0394)*

07 22 16 00-0414	SF	3.5" Average Thickness (15.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	7.08	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.76*	
07 22 16 00-0415	SF	5.5" Average Thickness (24.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	10.38	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.76*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.28*	
07 22 16 00-0416	SF	7.5" Average Thickness (33.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	13.93	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.31*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.47*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.80*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.34*	
07 22 16 00-0417	SF	9.5" Average Thickness (42.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	18.24	
		For Mechanically Fastened To Concrete, Add	*1.84*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*3.24*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*4.50*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*4.87*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*6.75*	

07 22 16 00-0418 Mechanically Fastened, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0369)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0419 Mechanically Fastened, 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0418)*

07 22 16 00-0420	SF	2.25" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	5.41	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.29*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0421	SF	2.75" Average Thickness (15.125 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	6.90	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0422	SF	3.25" Average Thickness (17.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	8.95	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.76*	
07 22 16 00-0423	SF	3.75" Average Thickness (20.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	8.33	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.34*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.27*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.37*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.90*	
07 22 16 00-0424	SF	4.25" Average Thickness (23.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	8.96	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.37*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.02*	
07 22 16 00-0425	SF	4.75" Average Thickness (26.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	10.57	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.76*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.28*	
07 22 16 00-0426	SF	5.25" Average Thickness (28.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	11.20	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.76*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.28*	
07 22 16 00-0427	SF	5.75" Average Thickness (31.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	12.08	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.93*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.49*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.80*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.89*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.22*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.69*	
07 22 16 00-0428	SF	6.25" Average Thickness (34.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	12.71	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.93*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.49*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.80*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.89*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.22*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.69*	
07 22 16 00-0429	SF	6.75" Average Thickness (37.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	14.48	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.31*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.47*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.80*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.34*	

07 22 16 00-0430 Mechanically Fastened, 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0418)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0431	SF	2" Average Thickness (11 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	5.09	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.29*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0432	SF	3" Average Thickness (16.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	7.21	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.66*	
07 22 16 00-0433	SF	4" Average Thickness (22 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	8.64	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.34*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.27*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.37*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.90*	
07 22 16 00-0434	SF	5" Average Thickness (27.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	10.88	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.76*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.28*	
07 22 16 00-0435	SF	6" Average Thickness (33 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	12.40	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.93*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.49*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.80*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.89*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.22*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.69*	
07 22 16 00-0436	SF	7" Average Thickness (38.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	14.80	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.31*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.47*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.80*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.34*	

07 22 16 00-0437 Mechanically Fastened, 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0418)*

07 22 16 00-0438	SF	3.5" Average Thickness (19.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	7.84	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.76*	
07 22 16 00-0439	SF	5.5" Average Thickness (30.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	11.52	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.76*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0440	SF	7.5" Average Thickness (41.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	15.43	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.31*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.47*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.80*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.34*	
07 22 16 00-0441	SF	9.5" Average Thickness (52.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	19.33	
		For Mechanically Fastened To Concrete, Add	*1.84*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*3.24*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*4.50*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*4.87*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*6.75*	

07 22 16 00-0442 Mechanically Fastened, Tapered Perlite Board *(07 22 16 00-0369)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0443 Mechanically Fastened, 1/8" Slope, Tapered Perlite Board *(07 22 16 00-0442)*

07 22 16 00-0444	SF	2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	7.25	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.29*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0445	SF	2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	8.70	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.66*	
07 22 16 00-0446	SF	3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	10.09	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.76*	
07 22 16 00-0447	SF	3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	10.06	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.34*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.27*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.37*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.90*	
07 22 16 00-0448	SF	4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	11.46	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.37*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.02*	
07 22 16 00-0449	SF	4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	13.00	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.76*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.28*	
07 22 16 00-0450	SF	5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	14.40	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.76*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0451	SF	5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	14.45	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.93*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.49*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.80*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.89*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.22*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.69*	
07 22 16 00-0452	SF	6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	15.85	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.93*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.49*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.80*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.89*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.22*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.69*	
07 22 16 00-0453	SF	6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	17.57	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.31*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.47*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.80*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.34*	

07 22 16 00-0454 Mechanically Fastened, 1/4" Slope, Tapered Perlite Board *(07 22 16 00-0442)*

07 22 16 00-0455	SF	2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened	6.56	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.29*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0456	SF	3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened	9.39	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.66*	
07 22 16 00-0457	SF	4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened	10.76	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.34*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.27*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.37*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.90*	
07 22 16 00-0458	SF	5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened	13.70	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.76*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.28*	
07 22 16 00-0459	SF	6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened	15.15	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.93*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.49*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.80*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.89*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.22*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.69*	
07 22 16 00-0460	SF	7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened	18.27	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.31*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.47*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.80*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.34*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0461		Mechanically Fastened, 1/2" Slope, Tapered Perlite Board *(07 22 16 00-0442)*		
07 22 16 00-0462	SF	3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened	10.79	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.76*	
07 22 16 00-0463	SF	5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened	15.10	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.76*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.28*	
07 22 16 00-0464	SF	7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened	19.66	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.31*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.47*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.80*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.34*	
07 22 16 00-0465	SF	9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened	24.48	
		For Mechanically Fastened To Concrete, Add	*1.84*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*3.24*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*4.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*4.87*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*6.75*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.34*	
07 22 16 00-0466		Demolish Rigid Board Roofing Insulation *(07 22 16)* Note: Includes removing any combination of roofing insulation systems and/or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.).		
07 22 16 00-0467	SF	Demolish Up To 1/2" Average Thickness, Rigid Board Roofing Insulation		0.71
07 22 16 00-0468	SF	Demolish >1/2" To 1" Average Thickness, Rigid Board Roofing Insulation		0.73
07 22 16 00-0469	SF	Demolish >1" To 2" Average Thickness, Rigid Board Roofing Insulation		0.75
07 22 16 00-0470	SF	Demolish >2" To 3" Average Thickness, Rigid Board Roofing Insulation		0.78
07 22 16 00-0471	SF	Demolish >3" To 4" Average Thickness, Rigid Board Roofing Insulation		0.80
07 22 16 00-0472	SF	Demolish >4" To 5" Average Thickness, Rigid Board Roofing Insulation		0.82
07 22 16 00-0473	SF	Demolish >5" To 6" Average Thickness, Rigid Board Roofing Insulation		0.84
07 22 16 00-0474	SF	Demolish >6" To 7" Average Thickness, Rigid Board Roofing Insulation		0.86
07 22 16 00-0475	SF	Demolish >7" To 8" Average Thickness, Rigid Board Roofing Insulation		0.88
07 22 16 00-0476	SF	Demolish >8" To 9" Average Thickness, Rigid Board Roofing Insulation		0.90
07 22 16 00-0477	SF	Demolish >9" To 10" Average Thickness, Rigid Board Roofing Insulation		0.92
07 22 16 00-0478	SF	Demolish >10" To 11" Average Thickness, Rigid Board Roofing Insulation		0.94
07 22 16 00-0479	SF	Demolish >11" To 12" Average Thickness, Rigid Board Roofing Insulation		0.96

07 24 Exterior Insulation and Finish Systems *(07 20)*

07 24 13 Polymer-Based Exterior Insulation and Finish System *(07 24)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0001		Exterior Insulation Finishing System (EIFS) *(07 24 13)*		
07 24 13 00-0002		Insulation For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*		
07 24 13 00-0003	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	4.26	
		For Up To 100, Add	*0.86*	
		For >100 To 500, Add	*0.43*	
		For >5,000, Deduct	*-0.17*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*1.72*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*2.56*	
07 24 13 00-0004	SF	1-1/2" Thick, R5.78, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	4.84	
		For Up To 100, Add	*0.87*	
		For >100 To 500, Add	*0.44*	
		For >5,000, Deduct	*-0.17*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*1.75*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*2.57*	
07 24 13 00-0005	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	5.40	
		For Up To 100, Add	*0.88*	
		For >100 To 500, Add	*0.44*	
		For >5,000, Deduct	*-0.18*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*1.94*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*2.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0006	SF	2-1/2" Thick, R9.63, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	5.97	
		For Up To 100, Add	*0.89*	
		For >100 To 500, Add	*0.45*	
		For >5,000, Deduct	*-0.18*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*2.03*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*2.86*	
07 24 13 00-0007	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	6.54	
		For Up To 100, Add	*0.90*	
		For >100 To 500, Add	*0.45*	
		For >5,000, Deduct	*-0.18*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*2.03*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*2.86*	
07 24 13 00-0008	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	7.66	
		For Up To 100, Add	*0.91*	
		For >100 To 500, Add	*0.46*	
		For >5,000, Deduct	*-0.18*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*2.27*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*3.06*	

07 24 13 00-0009 Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

Note: Includes applying a layer of base coat to the insulation board and fully embedding the reinforcing fabric in the wet base coat.

07 24 13 00-0010	SF	4.3 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit S-Mesh), Embedded In A Layer Of Base Coat	5.54	
		For Up To 100, Add	*1.71*	
		For >100 To 500, Add	*0.86*	
		For >5,000, Deduct	*-0.34*	
07 24 13 00-0011	SF	6.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit SP-Mesh), Embedded In A Layer Of Base Coat	6.17	
		For Up To 100, Add	*1.71*	
		For >100 To 500, Add	*0.86*	
		For >5,000, Deduct	*-0.34*	
07 24 13 00-0012	SF	15.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit Panzer® 15), Embedded In A Layer Of Base Coat	7.85	
		For Up To 100, Add	*1.71*	
		For >100 To 500, Add	*0.86*	
		For >5,000, Deduct	*-0.34*	
07 24 13 00-0013	SF	20.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit Panzer® 20), Embedded In A Layer Of Base Coat	8.36	
		For Up To 100, Add	*1.71*	
		For >100 To 500, Add	*0.86*	
		For >5,000, Deduct	*-0.34*	

07 24 13 00-0014 Base Coats For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

07 24 13 00-0015	SF	Polymer-Based, Fiber-Reinforced Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Genesis® DM)	2.70	
		For Up To 100, Add	*0.86*	
		For >100 To 500, Add	*0.43*	
		For >5,000, Deduct	*-0.17*	
07 24 13 00-0016	SF	Acrylic-Modified, Fiber-Reinforced Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Genesis®)	3.16	
		For Up To 100, Add	*0.86*	
		For >100 To 500, Add	*0.43*	
		For >5,000, Deduct	*-0.17*	
07 24 13 00-0017	SF	Water Resistant, Acrylic Co-Polymer Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Dryflex®)	5.67	
		For Up To 100, Add	*0.86*	
		For >100 To 500, Add	*0.43*	
		For >5,000, Deduct	*-0.17*	
07 24 13 00-0018	SF	Hydrostatic Water Resistant, Acrylic Co-Polymer Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Dryflex®)	7.65	
		For Up To 100, Add	*0.86*	
		For >100 To 500, Add	*0.43*	
		For >5,000, Deduct	*-0.17*	

07 24 13 00-0019 Finish Coats For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

Note: Includes all standard manufacturers' colors.

07 24 13 00-0020	SF	100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit DPR Finish)	4.54	
		For Up To 100, Add	*1.71*	
		For >100 To 500, Add	*0.86*	
		For >5,000, Deduct	*-0.34*	
07 24 13 00-0021	SF	100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit DPR Finish)	4.64	
		For Up To 100, Add	*1.71*	
		For >100 To 500, Add	*0.86*	
		For >5,000, Deduct	*-0.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0022	SF	Lightweight Elastic, 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit E™ Finish)	5.37	
		For Up To 100, Add	*1.71*	
		For >100 To 500, Add	*0.86*	
		For >5,000, Deduct	*-0.34*	
07 24 13 00-0023	SF	Lightweight Elastic, 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit E™ Finish)	6.02	
		For Up To 100, Add	*1.71*	
		For >100 To 500, Add	*0.86*	
		For >5,000, Deduct	*-0.34*	
07 24 13 00-0024	SF	Mildew Resistant, 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit PMR™ Finish)	5.37	
		For Up To 100, Add	*1.71*	
		For >100 To 500, Add	*0.86*	
		For >5,000, Deduct	*-0.34*	
07 24 13 00-0025	SF	Mildew Resistant, 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit PMR™ Finish)	6.03	
		For Up To 100, Add	*1.71*	
		For >100 To 500, Add	*0.86*	
		For >5,000, Deduct	*-0.34*	
07 24 13 00-0026	SF	Flexible Elastomeric, 100% Acrylic-Based Smooth Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic® Smooth)	4.74	
		For Up To 100, Add	*1.71*	
		For >100 To 500, Add	*0.86*	
		For >5,000, Deduct	*-0.34*	
07 24 13 00-0027	SF	Flexible Elastomeric, 100% Acrylic-Based Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic®)	5.42	
		For Up To 100, Add	*1.71*	
		For >100 To 500, Add	*0.86*	
		For >5,000, Deduct	*-0.34*	
07 24 13 00-0028	SF	100% Acrylic-Based Finish With Multi-Colored Quartz Aggregates, Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Ameristone™)	11.23	
		For Up To 100, Add	*1.71*	
		For >100 To 500, Add	*0.86*	
		For >5,000, Deduct	*-0.34*	
07 24 13 00-0029		**Primer And Sealers For Exterior Insulation Finishing Systems (EIFS)** *(07 24 13 00-0001)*		
07 24 13 00-0030	SF	100% Acrylic-Based Primer/Adhesion Promoter For Exterior Insulation Finishing Systems (EIFS) (Dryvit Prymit®)	1.37	
		For Up To 100, Add	*0.48*	
		For >100 To 500, Add	*0.24*	
		For >5,000, Deduct	*-0.10*	
07 24 13 00-0031	SF	100% Acrylic Emulsion Primer/Sealer For Exterior Insulation Finishing Systems (EIFS) (Dryvit SealClear™)	1.40	
		For Up To 100, Add	*0.48*	
		For >100 To 500, Add	*0.24*	
		For >5,000, Deduct	*-0.10*	
07 24 13 00-0032		**Air/Water/Vapor Barriers For Exterior Insulation Finishing Systems (EIFS)** *(07 24 13 00-0001)*		
07 24 13 00-0033	SF	Smooth, High Performance, Polymer-Based, Non-Cementitious Water-Resistive Membrane And Air Barrier For Exterior Insulation Finishing Systems (EIFS) (Dryvit Backstop® NT™), Per Coat	1.92	
		For Up To 100, Add	*0.48*	
		For >100 To 500, Add	*0.24*	
		For >5,000, Deduct	*-0.10*	
07 24 13 00-0034	SF	Texture, High Performance, Polymer-Based, Non-Cementitious Water-Resistive Membrane And Air Barrier For Exterior Insulation Finishing Systems (EIFS) (Dryvit Backstop® NT™), Per Coat	2.39	
		For Up To 100, Add	*0.48*	
		For >100 To 500, Add	*0.24*	
		For >5,000, Deduct	*-0.10*	
07 24 13 00-0035		**Drainage Accessories For Exterior Insulation Finishing Systems (EIFS)** *(07 24 13 00-0001)*		
07 24 13 00-0036	SF	1/8" Thick, Flexible Polyamide Drainage Mat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Drainage Mat)	2.97	
		For Up To 100, Add	*0.54*	
		For >100 To 500, Add	*0.27*	
		For >5,000, Deduct	*-0.11*	
07 24 13 00-0037		**Starter Tracks For Exterior Insulation Finishing Systems (EIFS)** *(07 24 13 00-0001)*		
07 24 13 00-0038	LF	1" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP)	4.37	
07 24 13 00-0039	LF	1-1/2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP)	4.72	
07 24 13 00-0040	LF	2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP)	5.13	
07 24 13 00-0041	LF	3" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP)	5.98	
07 24 13 00-0042	LF	1" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	4.72	
07 24 13 00-0043	LF	1-1/2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	5.13	
07 24 13 00-0044	LF	2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	5.53	
07 24 13 00-0045	LF	3" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	6.47	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0046		Demolish Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*		
07 24 13 00-0047	SF	Demolish Exterior Insulation Finishing Systems (EIFS) Note: Includes demolition of all finish coats, base coats, reinforcing layers and insulation layers down to the substrate. Excludes demolition of sheathing.	7.16	
		For Up To 100, Add	*3.58*	
		For >100 To 500, Add	*1.79*	
		For >5,000, Deduct	*-0.72*	

07 25 Weather Barriers *(07)*

07 26 Vapor Retarders *(07 25)*

07 26 13 Above-Grade Vapor Retarders *(07 26)*

07 26 13 00-0001	CSF	Two Layer Kraft Paper Laminated With Asphalt, Grade "B" Building Paper (Aquabar B)	32.00
07 26 13 00-0002	CSF	Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Jumbo Tex)	29.60
07 26 13 00-0003	CSF	60 Minute Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Super Jumbo Tex 60 Minute)	37.27
07 26 13 00-0004	CSF	Two Ply 60 Minute Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Two Ply Super Jumbo Tex 60 Minute)	48.51
07 26 13 00-0005	CSF	Regular Weight Red Rosin Sized Sheathing	27.14
07 26 13 00-0006	CLF	6" Wide Two Layer Kraft Paper Laminated With Asphalt, Building Flashing Paper (Bond Beam Paper)	91.13
07 26 13 00-0007	CLF	4" Wide Self-Adhering Butyl Sealing Tape	139.96
07 26 13 00-0008	CLF	6" Wide Self Adhesive Butyl Sealing Tape	202.86
07 26 13 00-0009	CLF	9" Wide Self Adhesive Butyl Sealing Tape	282.79
07 26 13 00-0010	CSF	Building Wrap (Tyvek)	80.58

07 27 Air Barriers *(07 25)*

07 27 23 Board Product Air Barriers *(07 27)*

07 27 23 00-0001 Barriers For Plenums *(07 27 23)*

07 27 23 00-0002	SF	0.5" Thick Leaded Vinyl Acoustic Plenum Barrier 0.48 Lb./SF	13.49	3.45
		For Up To 50, Add	*4.73*	
		For >50 To 200, Add	*2.70*	
		For >200 To 500, Add	*1.01*	
		For >2,500, Deduct	*-0.67*	
07 27 23 00-0003	SF	0.625" Thick Leaded Vinyl Acoustic Plenum Barrier 0.87 Lb./SF	14.60	3.45
		For Up To 50, Add	*5.16*	
		For >50 To 200, Add	*2.95*	
		For >200 To 500, Add	*1.10*	
		For >2,500, Deduct	*-0.73*	
07 27 23 00-0004	SF	Aluminum Foil Fiberglass Reinforced Plenum Bar Parallel With Joists 1" Thick	5.14	2.30
		For Up To 50, Add	*2.45*	
		For >50 To 200, Add	*1.35*	
		For >200 To 500, Add	*0.47*	
		For >2,500, Deduct	*-0.26*	
07 27 23 00-0005	SF	Aluminum Foil Fiberglass Reinforced Plenum Bar Perpendicular With Joists 1" Thick	9.45	3.45
		For Up To 50, Add	*4.39*	
		For >50 To 200, Add	*2.43*	
		For >200 To 500, Add	*0.84*	
		For >2,500, Deduct	*-0.47*	
07 27 23 00-0006	SF	Aluminum Mesh Barrier For Plenum Kraft Paper Backed	6.43	2.30
		For Up To 50, Add	*2.64*	
		For >50 To 200, Add	*1.48*	
		For >200 To 500, Add	*0.53*	
		For >2,500, Deduct	*-0.32*	
07 27 23 00-0007	SF	1/64" Thick Sheet Lead Barrier For Plenum 1 Lb./SF	10.51	2.30
		For Up To 50, Add	*3.11*	
		For >50 To 200, Add	*1.82*	
		For >200 To 500, Add	*0.72*	
		For >2,500, Deduct	*-0.53*	

07 27 23 00-0008 Under Slab Insulation, Extruded Polystyrene (XPS) Sheets *(07 27 23)*

07 27 23 00-0009	SF	1" Extruded Polystyrene Foam (XPS) Sheet Under Slab Insulation	2.20
07 27 23 00-0010	SF	2" Extruded Polystyrene Foam (XPS) Sheet Under Slab Insulation	3.37
07 27 23 00-0011	SF	3" Extruded Polystyrene Foam (XPS) Sheet Under Slab Insulation	4.43
07 27 23 00-0012	SF	4" Extruded Polystyrene Foam (XPS) Sheet Under Slab Insulation	5.47

07 30 Steep Slope Roofing *(07)*

Note: Includes starter strips and manufacturer's product specific warranties.

07 31 Shingles and Shakes *(07 30)*

07 31 13 Asphalt Shingles *(07 31)*

07 31 13 13 Fiberglass-Reinforced Asphalt Shingles *(07 31 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 13 13-0001		**Three Tab Fiberglass Reinforced, Asphalt Composition Shingle** *(07 31 13 13)* Note: Excludes underlayment, drip edges, and ridge vent/shingles.		
07 31 13 13-0002	SQ	200 Lb./SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed CT 20)	348.41	235.09
		For >35 To 75, Deduct	*-13.46*	
		For >75 To 100, Deduct	*-21.50*	
		For >100 To 200, Deduct	*-32.23*	
		For >200, Deduct	*-48.30*	
		For Steep Roof, Over 7 To 12, Add	*68.42*	
07 31 13 13-0003	SQ	220 Lb./SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 25)	365.39	246.89
		For >35 To 75, Deduct	*-14.10*	
		For >75 To 100, Deduct	*-22.53*	
		For >100 To 200, Deduct	*-33.77*	
		For >200, Deduct	*-50.63*	
		For Steep Roof, Over 7 To 12, Add	*71.82*	
07 31 13 13-0004	SQ	230 Lb./SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 30)	421.43	259.20
		For >35 To 75, Deduct	*-18.57*	
		For >75 To 100, Deduct	*-28.18*	
		For >100 To 200, Deduct	*-41.50*	
		For >200, Deduct	*-60.71*	
		For Steep Roof, Over 7 To 12, Add	*75.43*	
07 31 13 13-0005		**Architectural Fiberglass Reinforced, Asphalt Composition Shingle** *(07 31 13 13)* Note: Excludes underlayment, drip edges, and ridge vent/shingles.		
07 31 13 13-0006	SQ	245 Lb./SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark)	434.89	300.11
		For >35 To 75, Deduct	*-16.21*	
		For >75 To 100, Deduct	*-26.27*	
		For >100 To 200, Deduct	*-39.58*	
		For >200, Deduct	*-59.70*	
		For Steep Roof, Over 7 To 12, Add	*87.29*	
07 31 13 13-0007	SQ	240 Lb./SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Highland Slate)	458.65	285.74
		For >35 To 75, Deduct	*-19.88*	
		For >75 To 100, Deduct	*-30.35*	
		For >100 To 200, Deduct	*-44.80*	
		For >200, Deduct	*-65.75*	
		For Steep Roof, Over 7 To 12, Add	*83.15*	
07 31 13 13-0008	SQ	265 Lb./SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Plus)	497.15	315.11
		For >35 To 75, Deduct	*-21.06*	
		For >75 To 100, Deduct	*-32.44*	
		For >100 To 200, Deduct	*-48.03*	
		For >200, Deduct	*-70.78*	
		For Steep Roof, Over 7 To 12, Add	*91.68*	
07 31 13 13-0009	SQ	235 Lb./SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Hatteras)	478.33	272.14
		For >35 To 75, Deduct	*-23.09*	
		For >75 To 100, Deduct	*-33.90*	
		For >100 To 200, Deduct	*-49.32*	
		For >200, Deduct	*-70.93*	
		For Steep Roof, Over 7 To 12, Add	*79.17*	
07 31 13 13-0010	SQ	300 Lb./SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Premium)	538.74	330.88
		For >35 To 75, Deduct	*-23.80*	
		For >75 To 100, Deduct	*-36.08*	
		For >100 To 200, Deduct	*-53.12*	
		For >200, Deduct	*-77.67*	
		For Steep Roof, Over 7 To 12, Add	*96.24*	
07 31 13 13-0011	SQ	300 Lb./SQ, 5" Exposure, Random Laminated Tabs, One Piece, Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Independence)	573.63	330.88
		For >35 To 75, Deduct	*-27.29*	
		For >75 To 100, Deduct	*-40.27*	
		For >100 To 200, Deduct	*-58.70*	
		For >200, Deduct	*-84.65*	
		For Steep Roof, Over 7 To 12, Add	*96.24*	
07 31 13 13-0012	SQ	355 Lb./SQ, 4" Exposure, Sculpted Edge, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake)	626.64	364.75
		For >35 To 75, Deduct	*-29.50*	
		For >75 To 100, Deduct	*-43.69*	
		For >100 To 200, Deduct	*-63.78*	
		For >200, Deduct	*-92.16*	
		For Steep Roof, Over 7 To 12, Add	*106.13*	
07 31 13 13-0013	SQ	340 Lb./SQ, 5" Exposure, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark TL)	620.67	347.43
		For >35 To 75, Deduct	*-30.49*	
		For >75 To 100, Deduct	*-44.48*	
		For >100 To 200, Deduct	*-64.57*	
		For >200, Deduct	*-92.56*	
		For Steep Roof, Over 7 To 12, Add	*101.04*	
07 31 13 13-0014	SQ	300 Lb./SQ, 5" Exposure, Reflective Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Solaris)	616.52	330.88
		For >35 To 75, Deduct	*-31.58*	
		For >75 To 100, Deduct	*-45.41*	
		For >100 To 200, Deduct	*-65.56*	
		For >200, Deduct	*-93.23*	
		For Steep Roof, Over 7 To 12, Add	*96.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 13 13-0015	SQ	355 Lb./SQ, 8" Exposure, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Centennial Slate)	720.55	364.75
		For >35 To 75, Deduct	*-38.89*	
		For >75 To 100, Deduct	*-54.96*	
		For >100 To 200, Deduct	*-78.81*	
		For >200, Deduct	*-110.94*	
		For Steep Roof, Over 7 To 12, Add	*106.13*	
07 31 13 13-0016	SQ	355 Lb./SQ, 8" Exposure, Scalloped Cut, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Carriage House)	745.01	364.75
		For >35 To 75, Deduct	*-41.34*	
		For >75 To 100, Deduct	*-57.89*	
		For >100 To 200, Deduct	*-82.72*	
		For >200, Deduct	*-115.84*	
		For Steep Roof, Over 7 To 12, Add	*106.13*	
07 31 13 13-0017	SQ	480 Lb./SQ, 4" Exposure, Sculpted Edge, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake TL)	827.51	402.20
		For >35 To 75, Deduct	*-46.19*	
		For >75 To 100, Deduct	*-64.57*	
		For >100 To 200, Deduct	*-92.18*	
		For >200, Deduct	*-128.94*	
		For Steep Roof, Over 7 To 12, Add	*117.00*	
07 31 13 13-0018	SQ	425 Lb./SQ, 8" Exposure, Random Laminated Tabs, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed GrandManor)	814.30	382.96
		For >35 To 75, Deduct	*-46.61*	
		For >75 To 100, Deduct	*-64.64*	
		For >100 To 200, Deduct	*-91.99*	
		For >200, Deduct	*-128.04*	
		For Steep Roof, Over 7 To 12, Add	*111.42*	

07 31 13 13-0019 Asphalt Shingle Accessories *(07 31 13 13)*

07 31 13 13-0020	LF	Hip And Ridge Roll Vent Note: Excludes shingles.	9.62	1.41
07 31 13 13-0021	LF	Three Tab Hip And Ridge Shingles	4.91	3.50
07 31 13 13-0022	LF	Architectural Hip And Ridge Shingles	5.92	3.89
07 31 13 13-0023	SQ	Demolish Each Additional Layer Of Shingles	109.01	

07 31 16 Metal Shingles *(07 31)*

07 31 16 00-0001 Aluminum Shingles *(07 31 16)*

07 31 16 00-0002	SQ	Aluminum Shingles, Mill Finish, 0.020" Thick	787.59	226.60
		For Colors, Anodized Finish, Add	*30.00*	
		For Bonderized Finish, Add	*47.00*	
		For 1" Factory Applied Polystyrene, Add	*37.00*	
07 31 16 00-0003	SQ	Aluminum Shingles, Mill Finish, 0.030" Thick	1,033.35	247.66
		For Colors, Anodized Finish, Add	*30.00*	
		For Bonderized Finish, Add	*47.00*	
		For 1" Factory Applied Polystyrene, Add	*37.00*	
07 31 16 00-0004	LF	Aluminum Shingles, Ridge Cap, 0.020" Thick	13.78	3.26
07 31 16 00-0005	LF	Aluminum Shingles, Ridge Cap, 0.030" Thick	14.32	3.26
07 31 16 00-0006	LF	Aluminum Shingles, Valley Section, 0.020" Thick	9.70	3.26
07 31 16 00-0007	LF	Aluminum Shingles, Valley Section, 0.030" Thick	10.79	3.26

07 31 16 00-0008 Galvanized Steel Shingles *(07 31 16)*

07 31 16 00-0009	SQ	24 Gauge, 0.0276" Thickness, Galvanized Steel Shingles	611.78	198.41
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-8.60*	
		For >75 To 100, Deduct	*-24.97*	
		For >100 To 200, Deduct	*-43.48*	
		For >200, Deduct	*-59.85*	
		For Steep Roof, Over 7 To 12, Add	*127.00*	
07 31 16 00-0010	SQ	26 Gauge, 0.0217" Thickness, Galvanized Steel Shingles	590.70	196.81
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-7.89*	
		For >75 To 100, Deduct	*-23.64*	
		For >100 To 200, Deduct	*-41.37*	
		For >200, Deduct	*-57.12*	
		For Steep Roof, Over 7 To 12, Add	*125.92*	
07 31 16 00-0011	SQ	24 Gauge, 0.0276" Thickness, Galvanized And Bonderized Steel Shingles	925.09	198.41
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-21.13*	
		For >75 To 100, Deduct	*-46.90*	
		For >100 To 200, Deduct	*-77.95*	
		For >200, Deduct	*-103.72*	
		For Steep Roof, Over 7 To 12, Add	*127.00*	
07 31 16 00-0012	SQ	26 Gauge, 0.0276" Thickness, Galvanized And Bonderized Steel Shingles	856.59	196.81
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-18.52*	
		For >75 To 100, Deduct	*-42.25*	
		For >100 To 200, Deduct	*-70.61*	
		For >200, Deduct	*-94.35*	
		For Steep Roof, Over 7 To 12, Add	*125.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 16 00-0013	LF	Galvanized Steel Shingles, Ridge Or Valley	9.71	2.65
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-0.18*	
		For >75 To 100, Deduct	*-0.45*	
		For >100 To 200, Deduct	*-0.76*	
		For >200, Deduct	*-1.02*	
		For Steep Roof, Over 7 To 12, Add	*1.66*	

07 31 26 Slate Shingles *(07 31)*

Note: Includes 30 Lb. felt and fasteners.

07 31 26 00-0001 Shingles Including 30 Lb. Felt And Nails *(07 31 26)*

07 31 26 00-0002	SQ	Slate Shingles, Buckingham, Virginia Black, 3/16" Thick	1,254.33	338.39
		For >50 To 75, Deduct	*-20.10*	
		For >75 To 100, Deduct	*-53.97*	
		For >100 To 200, Deduct	*-92.86*	
		For >200, Deduct	*-126.73*	
		For Graduated Shapes, Add	*75.36*	
		For Steep Roof, Over 7 To 12, Add	*240.62*	
07 31 26 00-0003	SQ	Slate Shingles, Buckingham, Virginia Black, 1/4" Thick	1,388.28	338.39
		For >50 To 75, Deduct	*-25.45*	
		For >75 To 100, Deduct	*-63.34*	
		For >100 To 200, Deduct	*-107.60*	
		For >200, Deduct	*-145.48*	
		For Graduated Shapes, Add	*95.45*	
		For Steep Roof, Over 7 To 12, Add	*240.62*	
07 31 26 00-0004	SQ	Slate Shingles, Penn Black Bangor	1,348.09	338.39
		For >50 To 75, Deduct	*-23.85*	
		For >75 To 100, Deduct	*-60.53*	
		For >100 To 200, Deduct	*-103.17*	
		For >200, Deduct	*-139.86*	
		For Graduated Shapes, Add	*89.42*	
		For Steep Roof, Over 7 To 12, Add	*240.62*	
07 31 26 00-0005	SQ	Slate Shingles, Vermont, Unfading Colors, Green	1,361.49	338.39
		For >50 To 75, Deduct	*-24.38*	
		For >75 To 100, Deduct	*-61.47*	
		For >100 To 200, Deduct	*-104.65*	
		For >200, Deduct	*-141.73*	
		For Graduated Shapes, Add	*91.43*	
		For Steep Roof, Over 7 To 12, Add	*240.62*	
07 31 26 00-0006	SQ	Slate Shingles, Vermont, Unfading Colors, Semi-Weathered, Green/Gray	1,415.06	338.39
		For >50 To 75, Deduct	*-26.53*	
		For >75 To 100, Deduct	*-65.22*	
		For >100 To 200, Deduct	*-110.54*	
		For >200, Deduct	*-149.23*	
		For Graduated Shapes, Add	*99.47*	
		For Steep Roof, Over 7 To 12, Add	*240.62*	
07 31 26 00-0007	SQ	Slate Shingles, Vermont, Unfading Color, Purple	1,348.09	338.39
		For >50 To 75, Deduct	*-23.85*	
		For >75 To 100, Deduct	*-60.53*	
		For >100 To 200, Deduct	*-103.17*	
		For >200, Deduct	*-139.86*	
		For Graduated Shapes, Add	*89.42*	
		For Steep Roof, Over 7 To 12, Add	*240.62*	
07 31 26 00-0008	SQ	Slate Shingles, Vermont, Unfading Color, Black Or Gray	1,307.91	338.39
		For >50 To 75, Deduct	*-22.24*	
		For >75 To 100, Deduct	*-57.72*	
		For >100 To 200, Deduct	*-98.75*	
		For >200, Deduct	*-134.23*	
		For Graduated Shapes, Add	*83.40*	
		For Steep Roof, Over 7 To 12, Add	*240.62*	
07 31 26 00-0009	SQ	Slate Shingles, Vermont, Unfading Color, Red	2,144.86	338.39
		For >50 To 75, Deduct	*-55.72*	
		For >75 To 100, Deduct	*-116.30*	
		For >100 To 200, Deduct	*-190.82*	
		For >200, Deduct	*-251.40*	
		For Graduated Shapes, Add	*208.94*	
		For Steep Roof, Over 7 To 12, Add	*240.62*	
07 31 26 00-0010	SQ	Slate Shingles, Vermont, Unfading Color, Variegated Purple	1,348.09	338.39
		For >50 To 75, Deduct	*-23.85*	
		For >75 To 100, Deduct	*-60.53*	
		For >100 To 200, Deduct	*-103.17*	
		For >200, Deduct	*-139.86*	
		For Graduated Shapes, Add	*89.42*	
		For Steep Roof, Over 7 To 12, Add	*240.62*	

07 31 29 Wood Shingles and Shakes *(07 31)*

07 31 29 13 Wood Shingles *(07 31 29)*

07 31 29 13-0001 #1 Grade, Red Cedar Shingles *(07 31 29 13)*

07 31 29 13-0002 #1 Grade, Red Cedar Shingles Installed On Roofs *(07 31 29 13-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 29 13-0003	SQ	3-3/4" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	966.80	230.09
		For Steep Roof, Over 7 To 12, Add	*147.26*	
		For Pressure-Impregnated Treated (Preservative), Add	*75.99*	
07 31 29 13-0004	SQ	5" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	699.77	172.57
		For Steep Roof, Over 7 To 12, Add	*110.44*	
		For Pressure-Impregnated Treated (Preservative), Add	*53.19*	
07 31 29 13-0005	SQ	4-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	859.75	195.58
		For Steep Roof, Over 7 To 12, Add	*125.17*	
		For Pressure-Impregnated Treated (Preservative), Add	*70.29*	
07 31 29 13-0006	SQ	5-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	704.03	161.06
		For Steep Roof, Over 7 To 12, Add	*103.08*	
		For Pressure-Impregnated Treated (Preservative), Add	*57.29*	
07 31 29 13-0007	SQ	5-3/4" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	943.23	152.44
		For Steep Roof, Over 7 To 12, Add	*97.56*	
		For Pressure-Impregnated Treated (Preservative), Add	*95.75*	
07 31 29 13-0008	SQ	7-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	728.05	129.42
		For Steep Roof, Over 7 To 12, Add	*82.83*	
		For Pressure-Impregnated Treated (Preservative), Add	*70.38*	
07 31 29 13-0009		#1 Grade, Red Cedar Shingles Installed On Walls *(07 31 29 13-0001)*		
07 31 29 13-0010	SQ	7" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	667.47	207.08
		For Pressure-Impregnated Treated (Preservative), Add	*38.00*	
07 31 29 13-0011	SQ	8" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	654.54	195.58
		For Pressure-Impregnated Treated (Preservative), Add	*39.51*	
07 31 29 13-0012	SQ	10-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	674.53	169.70
		For Pressure-Impregnated Treated (Preservative), Add	*50.27*	
07 31 29 13-0013		#2 Grade, Red Cedar Shingles *(07 31 29 13)*		
07 31 29 13-0014		#2 Grade, Red Cedar Shingles Installed On Roofs *(07 31 29 13-0013)*		
07 31 29 13-0015	SQ	3-1/2" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	892.37	241.60
		For Steep Roof, Over 7 To 12, Add	*154.62*	
		For Pressure-Impregnated Treated (Preservative), Add	*61.38*	
07 31 29 13-0016	SQ	4" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	795.21	218.59
		For Steep Roof, Over 7 To 12, Add	*139.89*	
		For Pressure-Impregnated Treated (Preservative), Add	*53.71*	
07 31 29 13-0017	SQ	4" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	851.06	218.59
		For Steep Roof, Over 7 To 12, Add	*139.89*	
		For Pressure-Impregnated Treated (Preservative), Add	*62.08*	
07 31 29 13-0018	SQ	4-1/2" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	759.34	195.58
		For Steep Roof, Over 7 To 12, Add	*125.17*	
		For Pressure-Impregnated Treated (Preservative), Add	*55.23*	
07 31 29 13-0019	SQ	5-3/4" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	750.24	152.44
		For Steep Roof, Over 7 To 12, Add	*97.56*	
		For Pressure-Impregnated Treated (Preservative), Add	*66.81*	
07 31 29 13-0020	SQ	6-1/2" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	611.50	132.30
		For Steep Roof, Over 7 To 12, Add	*84.67*	
		For Pressure-Impregnated Treated (Preservative), Add	*52.04*	
07 31 29 13-0021		#2 Grade, Red Cedar Shingles Installed On Walls *(07 31 29 13-0013)*		
07 31 29 13-0022	SQ	6" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall	641.76	218.59
		For Pressure-Impregnated Treated (Preservative), Add	*30.69*	
07 31 29 13-0023	SQ	7" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall	621.11	207.08
		For Pressure-Impregnated Treated (Preservative), Add	*31.04*	
07 31 29 13-0024	SQ	9" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall	601.97	184.08
		For Pressure-Impregnated Treated (Preservative), Add	*35.07*	
07 31 29 16		**Wood Shakes** *(07 31 29)*		
07 31 29 16-0001		#1 Grade, Red Cedar Shakes *(07 31 29 16)*		
07 31 29 16-0002		#1 Grade, Red Cedar Shakes Installed On Roofs *(07 31 29 16-0001)*		
07 31 29 16-0003	SQ	8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof	701.25	186.95
		For Steep Roof, Over 7 To 12, Add	*119.65*	
		For Pressure-Impregnated Treated (Preservative), Add	*49.10*	
07 31 29 16-0004	SQ	8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof	810.36	186.95
		For Steep Roof, Over 7 To 12, Add	*119.65*	
		For Pressure-Impregnated Treated (Preservative), Add	*65.47*	
07 31 29 16-0005	SQ	10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof	754.97	152.44
		For Steep Roof, Over 7 To 12, Add	*97.56*	
		For Pressure-Impregnated Treated (Preservative), Add	*67.52*	
07 31 29 16-0006	SQ	10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof	801.35	152.44
		For Steep Roof, Over 7 To 12, Add	*97.56*	
		For Pressure-Impregnated Treated (Preservative), Add	*74.47*	
07 31 29 16-0007		#1 Grade, Red Cedar Shakes Installed On Walls *(07 31 29 16-0001)*		
07 31 29 16-0008	SQ	8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall	730.01	201.33
		For Pressure-Impregnated Treated (Preservative), Add	*49.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 29 16-0009	SQ	8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall	839.12	201.33
		For Pressure-Impregnated Treated (Preservative), Add	*65.47*	
07 31 29 16-0010	SQ	10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall	795.24	172.57
		For Pressure-Impregnated Treated (Preservative), Add	*67.52*	
07 31 29 16-0011	SQ	10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall	841.62	172.57
		For Pressure-Impregnated Treated (Preservative), Add	*74.47*	

07 31 29 17 Wood Hip and Ridge Cap *(07 31 29)*

07 31 29 17-0001 Accessories *(07 31 29 17)*

07 31 29 17-0002	LF	Hip Or Ridge Cap For Wood Shingles Or Shakes	12.12	1.50
		For Steep Roof, Over 7 To 12, Add	*1.11*	
		For Pressure-Impregnated Treated (Preservative) Ridge, Add	*1.30*	

07 31 33 Composite Rubber Shingles *(07 31)*

07 31 33 00-0001 Synthetic Polymeric Rubber Slate Shingles *(07 31 33)*

Note: As manufactured by EcoStar.

07 31 33 00-0002	SQ	Class C Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure Note: Gray or black.	1,501.01	303.66
		For Purple Or Green Color, Add	*143.00*	
		For Brown Or Red Color, Add	*366.44*	
		For Steep Roof, Over 7 To 12, Add	*194.32*	
		For >50 To 75, Deduct	*-22.34*	
		For >75 To 100, Deduct	*-59.87*	
		For >100 To 200, Deduct	*-97.39*	
		For >200, Deduct	*-150.10*	
		For 6.5" Exposure, Add	*104.33*	
		For 6.0" Exposure, Add	*208.64*	
07 31 33 00-0003	SQ	Class A Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure Note: Fire resistant. Gray or black.	2,096.84	303.66
		For Purple, Green, Brown Or Red, Add	*223.44*	
		For Steep Roof, Over 7 To 12, Add	*194.32*	
		For >50 To 75, Deduct	*-37.24*	
		For >75 To 100, Deduct	*-89.66*	
		For >100 To 200, Deduct	*-142.08*	
		For >200, Deduct	*-209.68*	
		For 6.5" Exposure, Add	*146.89*	
		For 6.0" Exposure, Add	*293.76*	
07 31 33 00-0004	SQ	Class C Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure Note: Beaver tail, chisel point or beveled edges. Gray or black.	1,746.35	303.66
		For Purple, Green, Brown Or Red, Add	*410.07*	
		For Steep Roof, Over 7 To 12, Add	*194.32*	
		For >50 To 75, Deduct	*-28.48*	
		For >75 To 100, Deduct	*-72.14*	
		For >100 To 200, Deduct	*-115.79*	
		For >200, Deduct	*-174.64*	
		For 6.5" Exposure, Add	*121.85*	
		For 6.0" Exposure, Add	*243.69*	
07 31 33 00-0005	SQ	Class A Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure Note: Fire resistant. Beaver tail, chisel point or beveled edges. Gray or black.	2,219.51	303.66
		For Purple, Green, Brown Or Red, Add	*177.35*	
		For Steep Roof, Over 7 To 12, Add	*194.32*	
		For >50 To 75, Deduct	*-40.31*	
		For >75 To 100, Deduct	*-95.79*	
		For >100 To 200, Deduct	*-151.28*	
		For >200, Deduct	*-221.95*	
		For 6.5" Exposure, Add	*155.65*	
		For 6.0" Exposure, Add	*311.29*	
07 31 33 00-0006	LF	Hip Or Ridge Polymeric Rubber Slate Shingle Note: Beveled or pointed edges, gray or black.	17.63	2.04

07 32 Roof Tiles *(07 30)*

07 32 13 Clay Roof Tiles *(07 32)*

Note: 8-1/4" x 11" exposure. Includes mortar, battens, fasteners, felt underlayment and 90# cap sheet.

07 32 13 00-0001 Clay Roofing Tile 8-1/4" x 11" Exposure *(07 32 13)*

Note: Includes mortar, battens, fasteners, felt underlayment and 90# cap sheet.

07 32 13 00-0002	SQ	Lanai Or Classic Tile, 158 Piece Per SQ	1,437.49	320.93
		For >25 To 50, Deduct	*-47.73*	
		For >50 To 75, Deduct	*-95.60*	
		For >75 To 100, Deduct	*-135.52*	
		For >100 To 200, Deduct	*-167.48*	
		For >200, Deduct	*-191.48*	
		For 20 Year Warranty, Add	*55.69*	
07 32 13 00-0003	SQ	Americana (Most Colors) Tile Roofing, 158 Piece Per SQ	1,691.48	320.93
		For >25 To 50, Deduct	*-62.97*	
		For >50 To 75, Deduct	*-121.00*	
		For >75 To 100, Deduct	*-168.54*	
		For >100 To 200, Deduct	*-205.58*	
		For >200, Deduct	*-232.12*	
		For 20 Year Warranty, Add	*73.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 32 13 00-0004	SQ	Americana (Green, Gray Or Brown) Tile, 158 Piece Per SQ	1,691.48	320.93
		For >25 To 50, Deduct	*-62.97*	
		For >50 To 75, Deduct	*-121.00*	
		For >75 To 100, Deduct	*-168.54*	
		For >100 To 200, Deduct	*-205.58*	
		For >200, Deduct	*-232.12*	
		For 20 Year Warranty, Add	*73.47*	
07 32 13 00-0005	SQ	Americana (Blue) Tile, 158 Piece Per SQ	1,906.98	320.93
		For >25 To 50, Deduct	*-75.90*	
		For >50 To 75, Deduct	*-142.55*	
		For >75 To 100, Deduct	*-196.55*	
		For >100 To 200, Deduct	*-237.90*	
		For >200, Deduct	*-266.60*	
		For 20 Year Warranty, Add	*88.55*	
07 32 13 00-0006	SQ	French Tile Roofing, Red, 133 Piece Per SQ	1,716.87	392.39
		For >25 To 50, Deduct	*-55.93*	
		For >50 To 75, Deduct	*-112.83*	
		For >75 To 100, Deduct	*-160.41*	
		For >100 To 200, Deduct	*-198.67*	
		For >200, Deduct	*-227.61*	
		For 20 Year Warranty, Add	*65.25*	
07 32 13 00-0007	SQ	French Tile Roofing, Blue Or Green, 133 Piece Per SQ	2,095.98	392.39
		For >25 To 50, Deduct	*-78.67*	
		For >50 To 75, Deduct	*-150.74*	
		For >75 To 100, Deduct	*-209.70*	
		For >100 To 200, Deduct	*-255.54*	
		For >200, Deduct	*-288.27*	
		For 20 Year Warranty, Add	*91.79*	
07 32 13 00-0008	SQ	Norman Tile Roofing, 317 Piece Per SQ	2,685.18	529.36
		For >25 To 50, Deduct	*-97.61*	
		For >50 To 75, Deduct	*-189.14*	
		For >75 To 100, Deduct	*-264.40*	
		For >100 To 200, Deduct	*-323.40*	
		For >200, Deduct	*-366.13*	
		For 20 Year Warranty, Add	*113.88*	
07 32 13 00-0009	SQ	Williamsburg Tile Roofing, Aged Cedar, 158 Piece Per SQ	1,527.20	392.39
		For >25 To 50, Deduct	*-44.55*	
		For >50 To 75, Deduct	*-93.86*	
		For >75 To 100, Deduct	*-135.76*	
		For >100 To 200, Deduct	*-170.22*	
		For >200, Deduct	*-197.27*	
		For 20 Year Warranty, Add	*51.97*	
07 32 13 00-0010	SQ	Williamsburg Tile Roofing, Gray Or Green, 158 Piece Per SQ	1,834.30	392.39
		For >25 To 50, Deduct	*-62.97*	
		For >50 To 75, Deduct	*-124.57*	
		For >75 To 100, Deduct	*-175.68*	
		For >100 To 200, Deduct	*-216.29*	
		For >200, Deduct	*-246.40*	
		For 20 Year Warranty, Add	*73.47*	
07 32 13 00-0011	SQ	Spanish Tile Roofing, Red, 171 Piece Per SQ	1,290.87	293.80
		For >25 To 50, Deduct	*-42.19*	
		For >50 To 75, Deduct	*-85.01*	
		For >75 To 100, Deduct	*-120.80*	
		For >100 To 200, Deduct	*-149.56*	
		For >200, Deduct	*-171.28*	
		For 20 Year Warranty, Add	*49.22*	
07 32 13 00-0012	SQ	Spanish Tile Roofing, Blend, 171 Piece Per SQ	1,621.82	293.80
		For >25 To 50, Deduct	*-62.05*	
		For >50 To 75, Deduct	*-118.11*	
		For >75 To 100, Deduct	*-163.82*	
		For >100 To 200, Deduct	*-199.20*	
		For >200, Deduct	*-224.23*	
		For 20 Year Warranty, Add	*72.39*	
07 32 13 00-0013	SQ	Spanish Tile Roofing, Glazed White, 171 Piece Per SQ	1,906.59	293.80
		For >25 To 50, Deduct	*-79.14*	
		For >50 To 75, Deduct	*-146.58*	
		For >75 To 100, Deduct	*-200.84*	
		For >100 To 200, Deduct	*-241.91*	
		For >200, Deduct	*-269.79*	
		For 20 Year Warranty, Add	*92.33*	
07 32 13 00-0014	SQ	Two Piece Mission Tile Roofing, 192 Piece Per SQ	2,355.45	460.54
		For >25 To 50, Deduct	*-86.06*	
		For >50 To 75, Deduct	*-166.46*	
		For >75 To 100, Deduct	*-232.52*	
		For >100 To 200, Deduct	*-284.24*	
		For >200, Deduct	*-321.61*	
		For 20 Year Warranty, Add	*100.41*	
07 32 13 00-0015	SQ	One Piece Mission Tile Roofing, 75 Piece Per SQ	1,106.54	320.93
		For >25 To 50, Deduct	*-27.88*	
		For >50 To 75, Deduct	*-62.51*	
		For >75 To 100, Deduct	*-92.50*	
		For >100 To 200, Deduct	*-117.84*	
		For >200, Deduct	*-138.53*	
		For 20 Year Warranty, Add	*32.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 32 13 00-0016	SQ	One Piece Mission Tile Roofing, 134 Piece Per SQ	1,489.60	460.54
		For >25 To 50, Deduct	*-34.11*	
		For >50 To 75, Deduct	*-79.88*	
		For >75 To 100, Deduct	*-119.96*	
		For >100 To 200, Deduct	*-154.36*	
		For >200, Deduct	*-183.07*	
		For 20 Year Warranty, Add	*39.80*	

07 32 16 Concrete Roof Tiles *(07 32)*

07 32 16 00-0001 Corrugated Tiles And Shakes Nailed To Wood *(07 32 16)*

Note: Includes 30 Lb. felt underlayment.

07 32 16 00-0002	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 Lb./SQ, Earthtone Colors, Corrugated	1,277.88	486.48
		For >50 To 75, Deduct	*-12.19*	
		For >75 To 100, Deduct	*-45.66*	
		For >100 To 200, Deduct	*-82.18*	
		For >200, Deduct	*-115.65*	
		For Steep Roof, Over 7 To 12, Add	*311.39*	
07 32 16 00-0003	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 Lb./SQ, Custom Blues, Corrugated	1,579.19	486.48
		For >50 To 75, Deduct	*-24.24*	
		For >75 To 100, Deduct	*-66.75*	
		For >100 To 200, Deduct	*-115.33*	
		For >200, Deduct	*-157.84*	
		For Steep Roof, Over 7 To 12, Add	*311.39*	
07 32 16 00-0004	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 Lb./SQ, Custom Greens Corrugated	1,338.14	486.48
		For >50 To 75, Deduct	*-14.60*	
		For >75 To 100, Deduct	*-49.88*	
		For >100 To 200, Deduct	*-88.81*	
		For >200, Deduct	*-124.09*	
		For Steep Roof, Over 7 To 12, Add	*311.39*	
07 32 16 00-0005	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 Lb./SQ, Colors, Shakes	1,250.78	435.26
		For >50 To 75, Deduct	*-15.20*	
		For >75 To 100, Deduct	*-48.37*	
		For >100 To 200, Deduct	*-85.35*	
		For >200, Deduct	*-118.52*	
		For Steep Roof, Over 7 To 12, Add	*278.61*	

07 32 16 00-0006 Accessories *(07 32 16)*

07 32 16 00-0007	EA	Ridge And Hip, 10" X 16-1/2", 8 Lb. Each For Concrete Tile Roof	5.09
07 32 16 00-0008	EA	Rake, 6-1/2" X 16-3/4", 9 Lb. Each For Concrete Tile Roof	3.35
07 32 16 00-0009	EA	Mansard Hip, 10" X 16-1/2", 9.2 Lb. Each For Concrete Tile Roof	5.06
07 32 16 00-0010	EA	Hip Starter, 10" X 16-1/2", 10.5 Lb. Each For Concrete Tile Roof	5.79
07 32 16 00-0011	EA	3 Or 4 Way Apex, 10" Each Side, 11.5 Lb. Each For Concrete Tile Roof	6.03

07 34 Roofing Underlayment *(07 30)*

07 34 00 00-0001 Mechanically Fastened, Roofing Underlayment *(07 34)*

Note: Standard slope.

07 34 00 00-0002	SQ	15 Lb., Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened	44.60	9.78
		For Steep Roof, Over 7 To 12, Add	*6.27*	
		For >50 To 75, Deduct	*-1.00*	
		For >75 To 100, Deduct	*-2.24*	
		For >100 To 200, Deduct	*-3.73*	
		For >200, Deduct	*-5.46*	
07 34 00 00-0003	SQ	30 Lb., Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened	68.73	13.46
		For Steep Roof, Over 7 To 12, Add	*8.61*	
		For >50 To 75, Deduct	*-1.67*	
		For >75 To 100, Deduct	*-3.60*	
		For >100 To 200, Deduct	*-5.95*	
		For >200, Deduct	*-8.55*	
07 34 00 00-0004	SQ	30 Lb., Asphalt Saturated Organic Felt Shake Underlayment, Mechanically Fastened	76.61	13.46
		For Steep Roof, Over 7 To 12, Add	*8.61*	
		For >50 To 75, Deduct	*-1.99*	
		For >75 To 100, Deduct	*-4.15*	
		For >100 To 200, Deduct	*-6.81*	
		For >200, Deduct	*-9.65*	
07 34 00 00-0005	SQ	Fire Rated, Polypropylene Roofing Underlayment, Mechanically Fastened (Rex™ Synfelt)	85.44	20.39
		For Steep Roof, Over 7 To 12, Add	*13.05*	
		For >50 To 75, Deduct	*-1.79*	
		For >75 To 100, Deduct	*-4.15*	
		For >100 To 200, Deduct	*-6.95*	
		For >200, Deduct	*-10.33*	
07 34 00 00-0006	SQ	17 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 25)	94.76	20.39
		For Steep Roof, Over 7 To 12, Add	*13.05*	
		For >50 To 75, Deduct	*-2.16*	
		For >75 To 100, Deduct	*-4.80*	
		For >100 To 200, Deduct	*-7.98*	
		For >200, Deduct	*-11.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 34 00 00-0007	SQ	25 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 30)	110.13	20.39
		For Steep Roof, Over 7 To 12, Add	*13.05*	
		For >50 To 75, Deduct	*-2.77*	
		For >75 To 100, Deduct	*-5.87*	
		For >100 To 200, Deduct	*-9.67*	
		For >200, Deduct	*-13.79*	
07 34 00 00-0008	SQ	30 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 50)	102.45	20.39
		For Steep Roof, Over 7 To 12, Add	*13.05*	
		For >50 To 75, Deduct	*-2.47*	
		For >75 To 100, Deduct	*-5.34*	
		For >100 To 200, Deduct	*-8.82*	
		For >200, Deduct	*-12.71*	

07 34 00 00-0009 Self-Adhering, Roofing Underlayment *(07 34)*

Note: Standard slope.

07 34 00 00-0010	SQ	48 Mil, Fire Rated, Polymeric Asphalt Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® Mat)	176.99	24.73
		For Steep Roof, Over 7 To 12, Add	*15.82*	
		For >50 To 75, Deduct	*-5.10*	
		For >75 To 100, Deduct	*-10.16*	
		For >100 To 200, Deduct	*-16.50*	
		For >200, Deduct	*-22.80*	
07 34 00 00-0011	SQ	60 Mil, Fire Rated, Granule Surfaced, Rubberized Asphalt Adhesive, Roofing Underlayment, Self-Adhering (Grace Basik®)	266.08	24.73
		For Steep Roof, Over 7 To 12, Add	*15.82*	
		For >50 To 75, Deduct	*-8.67*	
		For >75 To 100, Deduct	*-16.40*	
		For >100 To 200, Deduct	*-26.30*	
		For >200, Deduct	*-35.27*	
07 34 00 00-0012	SQ	53 Mil, Fire Rated, Granule Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® G)	188.01	24.73
		For Steep Roof, Over 7 To 12, Add	*15.82*	
		For >50 To 75, Deduct	*-5.54*	
		For >75 To 100, Deduct	*-10.94*	
		For >100 To 200, Deduct	*-17.71*	
		For >200, Deduct	*-24.34*	
07 34 00 00-0013	SQ	65 Mil, Fire Rated, Polyester Non-Woven Fabric Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® Specialty Tile And Metal)	176.99	24.73
		For Steep Roof, Over 7 To 12, Add	*15.82*	
		For >50 To 75, Deduct	*-5.10*	
		For >75 To 100, Deduct	*-10.16*	
		For >100 To 200, Deduct	*-16.50*	
		For >200, Deduct	*-22.80*	
07 34 00 00-0014	SQ	45 Mil, Fire Rated, High Temperature, Synthetic Polymer Surfaced, Modified Rubberized Asphalt, Roofing Underlayment, Self-Adhering (TITANIUM™ PSU-30)	253.23	24.73
		For Steep Roof, Over 7 To 12, Add	*15.82*	
		For >50 To 75, Deduct	*-8.15*	
		For >75 To 100, Deduct	*-15.50*	
		For >100 To 200, Deduct	*-24.89*	
		For >200, Deduct	*-33.47*	
07 34 00 00-0015	SQ	25 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High-Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Select)	212.97	24.73
		For Steep Roof, Over 7 To 12, Add	*15.82*	
		For >50 To 75, Deduct	*-6.54*	
		For >75 To 100, Deduct	*-12.68*	
		For >100 To 200, Deduct	*-20.46*	
		For >200, Deduct	*-27.84*	
07 34 00 00-0016	SQ	40 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High-Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield®)	316.71	24.73
		For Steep Roof, Over 7 To 12, Add	*15.82*	
		For >50 To 75, Deduct	*-10.69*	
		For >75 To 100, Deduct	*-19.94*	
		For >100 To 200, Deduct	*-31.87*	
		For >200, Deduct	*-42.36*	
07 34 00 00-0017	SQ	40 Mil, Fire Rated, High Temperature, Embossed Surface, Rubberized Asphalt Adhesive, High-Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield® HT)	362.15	24.73
		For Steep Roof, Over 7 To 12, Add	*15.82*	
		For >50 To 75, Deduct	*-12.51*	
		For >75 To 100, Deduct	*-23.13*	
		For >100 To 200, Deduct	*-36.87*	
		For >200, Deduct	*-48.72*	
07 34 00 00-0018	SQ	30 Mil, Fire Rated, High Temperature, Fire Rated, Embossed Surface, Butyl Rubber Based Adhesive, High-Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ultra)	532.63	24.73
		For Steep Roof, Over 7 To 12, Add	*15.82*	
		For >50 To 75, Deduct	*-19.33*	
		For >75 To 100, Deduct	*-35.06*	
		For >100 To 200, Deduct	*-55.62*	
		For >200, Deduct	*-72.59*	

07 40 Roofing and Siding Panels *(07)*

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		MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 41 Roof Panels *(07 40)*

Note: Includes standard fasteners, grommets, cleats for installation.

07 41 13 Metal Roof Panels *(07 41)*

07 41 13 00-0001 Exposed Fastener Metal Roofing *(07 41 13)*

Note: Includes 15 year warranty and all warranties are no dollar limit to include material and labor.

07 41 13 00-0002 Galvanized Exposed Fastener Metal Roofing *(07 41 13 00-0001)*

07 41 13 00-0003 Galvanized Steel Exposed Fastener Metal Roof Panels *(07 41 13 00-0002)*

07 41 13 00-0004	SF	18 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	7.76	3.04
		For Fluoropolymer (Kynar®) Coating, Add	*1.61*	
		For Steep Roof, Over 7 To 12, Add	*1.56*	
07 41 13 00-0005	SF	20 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	7.25	3.04
		For Fluoropolymer (Kynar®) Coating, Add	*1.61*	
		For Steep Roof, Over 7 To 12, Add	*1.56*	
07 41 13 00-0006	SF	22 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	6.90	3.04
		For Fluoropolymer (Kynar®) Coating, Add	*1.61*	
		For Steep Roof, Over 7 To 12, Add	*1.56*	
07 41 13 00-0007	SF	24 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	6.54	3.04
		For Fluoropolymer (Kynar®) Coating, Add	*1.61*	
		For Steep Roof, Over 7 To 12, Add	*1.56*	
07 41 13 00-0008	SF	26 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	6.25	3.04
		For Fluoropolymer (Kynar®) Coating, Add	*1.61*	
		For Steep Roof, Over 7 To 12, Add	*1.56*	
07 41 13 00-0009	SF	28 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	6.00	3.04
		For Fluoropolymer (Kynar®) Coating, Add	*1.61*	
		For Steep Roof, Over 7 To 12, Add	*1.56*	
07 41 13 00-0010	SF	30 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	5.90	3.04
		For Fluoropolymer (Kynar®) Coating, Add	*1.61*	
		For Steep Roof, Over 7 To 12, Add	*1.56*	

07 41 13 00-0011 Galvanized Exposed Fastener Metal Roof Accessories *(07 41 13 00-0002)*

See CSI section 07 41 13 00-0038 for accessories.

07 41 13 00-0012	LF	Ridge Flashing For Galvanized Steel Exposed Fastener Roofing	28.80	3.16
		For Steep Roof, Over 7 To 12, Add	*4.10*	
		For Fluoropolymer (Kynar®) Coating, Add	*1.60*	
07 41 13 00-0013	LF	9" To 12" Girth, Eave Or Gable Flashing For Galvanized Steel Exposed Fastener Roofing	18.02	2.08
		For Steep Roof, Over 7 To 12, Add	*2.73*	
		For Fluoropolymer (Kynar®) Coating, Add	*0.95*	
07 41 13 00-0014	LF	Valley Flashing For Galvanized Steel Exposed Fastener Roofing	35.09	3.16
		For Steep Roof, Over 7 To 12, Add	*4.10*	
		For Fluoropolymer (Kynar®) Coating, Add	*2.23*	
07 41 13 00-0015	LF	Hip Flashing For Galvanized Steel Exposed Fastener Roofing	29.38	3.16
		For Steep Roof, Over 7 To 12, Add	*4.10*	
		For Fluoropolymer (Kynar®) Coating, Add	*1.66*	

07 41 13 00-0016 Aluminum Exposed Fastener Metal Roofing *(07 41 13 00-0001)*

07 41 13 00-0017 Aluminum Exposed Fastener Metal Roof Panels *(07 41 13 00-0016)*

07 41 13 00-0018	SF	0.0155", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels	9.62	3.04
		For Fluoropolymer (Kynar®) Coating, Add	*1.61*	
		For Steep Roof, Over 7 To 12, Add	*1.56*	
07 41 13 00-0019	SF	0.018", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels	10.38	3.04
		For Fluoropolymer (Kynar®) Coating, Add	*1.61*	
		For Steep Roof, Over 7 To 12, Add	*1.56*	
07 41 13 00-0020	SF	0.024", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels	12.22	3.04
		For Fluoropolymer (Kynar®) Coating, Add	*1.61*	
		For Steep Roof, Over 7 To 12, Add	*1.56*	
07 41 13 00-0021	SF	0.032", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels	14.66	3.04
		For Fluoropolymer (Kynar®) Coating, Add	*1.61*	
		For Steep Roof, Over 7 To 12, Add	*1.56*	
07 41 13 00-0022	SF	0.040", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels	17.11	3.04
		For Fluoropolymer (Kynar®) Coating, Add	*1.61*	
		For Steep Roof, Over 7 To 12, Add	*1.56*	
07 41 13 00-0023	SF	0.050", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels	20.16	3.04
		For Fluoropolymer (Kynar®) Coating, Add	*1.61*	
		For Steep Roof, Over 7 To 12, Add	*1.56*	

07 41 13 00-0024 Aluminum Exposed Fastener Metal Roof Accessories *(07 41 13 00-0016)*

07 41 13 00-0025	LF	Ridge Flashing For Aluminum Exposed Fastener Metal Roofing	32.66	3.16
		For Steep Roof, Over 7 To 12, Add	*4.10*	
		For Fluoropolymer (Kynar®) Coating, Add	*1.99*	
07 41 13 00-0026	LF	9" To 12" Girth, Eave Or Gable Flashing For Aluminum Exposed Fastener Metal Roofing	20.24	2.20
		For Steep Roof, Over 7 To 12, Add	*2.73*	
		For Fluoropolymer (Kynar®) Coating, Add	*1.17*	
07 41 13 00-0027	LF	Valley Flashing For Aluminum Exposed Fastener Metal Roofing	40.52	3.16
		For Steep Roof, Over 7 To 12, Add	*4.10*	
		For Fluoropolymer (Kynar®) Coating, Add	*2.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0028	LF	Hip Flashing For Aluminum Exposed Fastener Metal Roofing	33.38	3.16
		For Steep Roof, Over 7 To 12, Add	*4.10*	
		For Fluoropolymer (Kynar®) Coating, Add	*2.06*	
07 41 13 00-0029		**Standing Seam Roofs** *(07 41 13)*		
		Note: Includes all profiles of vertical leg and batten style standing seam roofing. Includes all clips, neoprene closures, metal closures, battens, tape sealer, tube sealant, fasteners, vent material, panel starters and cleats. Based on Garland R-Mer Clad or R-Mer Seam architectural roofing, R-Mer Loc architectural/structural roofing, and R-Mer Span structural roofing. Architectural roofing requires a solid substrate and underlayment, requires a minimum 3:12 pitch, and includes a 20 year no dollar limit warranty. Architectural/structural roofing does not require a solid substrate or underlayment, requires a minimum 3:12 pitch, and includes a 25 year no dollar limit warranty. Structural roofing does not require a solid substrate or underlayment, requires a minimum 1/4" per foot slope, and includes a 25 year no dollar limit warranty.		
07 41 13 00-0030		**Galvanized Steel Standing Seam Concealed Fastener Roofing** *(07 41 13 00-0029)*		
		Note: All steel is galvanized G90 rated or galvalume®. Factory paint finish is Kynar 500®, Hylar 5000® or equal polyvinylidene fluoride (PVDF) finish.		
07 41 13 00-0031		**Galvanized Steel Standing Seam Concealed Fastener Roofing** *(07 41 13 00-0030)*		
07 41 13 00-0032	SF	Architectural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	13.75	3.23
		For Steep Roof, Over 6 To 12, Add	*1.94*	
		For 140 MPH Wind Load, Add	*0.79*	
		For Panels <16" Wide, Add	*1.88*	
		For Up To 1,500, Add	*3.44*	
		For >1,500 To 5,000, Add	*2.06*	
		For >5,000 To 10,000, Add	*0.34*	
07 41 13 00-0033	SF	Architectural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	14.44	3.23
		For Steep Roof, Over 6 To 12, Add	*1.94*	
		For 140 MPH Wind Load, Add	*0.81*	
		For Panels <16" Wide, Add	*1.92*	
		For Up To 1,500, Add	*3.61*	
		For >1,500 To 5,000, Add	*2.17*	
		For >5,000 To 10,000, Add	*0.36*	
07 41 13 00-0034	SF	Architectural/Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	13.15	3.23
		For Steep Roof, Over 6 To 12, Add	*1.94*	
		For 140 MPH Wind Load, Add	*0.78*	
		For Panels <16" Wide, Add	*1.85*	
		For Up To 1,500, Add	*3.29*	
		For >1,500 To 5,000, Add	*1.97*	
		For >5,000 To 10,000, Add	*0.33*	
07 41 13 00-0035	SF	Architectural/Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	13.39	3.23
		For Steep Roof, Over 6 To 12, Add	*1.94*	
		For 140 MPH Wind Load, Add	*0.78*	
		For Panels <16" Wide, Add	*1.86*	
		For Up To 1,500, Add	*3.35*	
		For >1,500 To 5,000, Add	*2.01*	
		For >5,000 To 10,000, Add	*0.33*	
07 41 13 00-0036	SF	Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	13.66	3.23
		For Steep Roof, Over 6 To 12, Add	*1.94*	
		For 140 MPH Wind Load, Add	*0.79*	
		For Panels <16" Wide, Add	*1.88*	
		For Up To 1,500, Add	*3.42*	
		For >1,500 To 5,000, Add	*2.05*	
		For >5,000 To 10,000, Add	*0.34*	
07 41 13 00-0037	SF	Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	14.66	3.23
		For Steep Roof, Over 6 To 12, Add	*1.94*	
		For 140 MPH Wind Load, Add	*0.81*	
		For Panels <16" Wide, Add	*1.93*	
		For Up To 1,500, Add	*3.67*	
		For >1,500 To 5,000, Add	*2.20*	
		For >5,000 To 10,000, Add	*0.37*	
07 41 13 00-0038		**Accessories For Galvanized Steel Standing Seam Roofing** *(07 41 13 00-0030)*		
07 41 13 00-0039	LF	Ridge Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	30.40	3.16
		For Steep Roof, Over 6 To 12, Add	*3.84*	
		For 140 MPH Wind Load, Add	*1.63*	
07 41 13 00-0040	LF	9" To 12" Girth, Eave Or Gable Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	18.97	2.20
		For Steep Roof, Over 6 To 12, Add	*2.56*	
		For 140 MPH Wind Load, Add	*1.06*	
07 41 13 00-0041	LF	Valley Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	37.32	3.16
		For Steep Roof, Over 6 To 12, Add	*3.84*	
		For 140 MPH Wind Load, Add	*1.77*	
07 41 13 00-0042	LF	Hip Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	31.03	3.16
		For Steep Roof, Over 6 To 12, Add	*3.84*	
		For 140 MPH Wind Load, Add	*1.64*	
07 41 13 00-0043		**Aluminum Standing Seam Concealed Fastener Roofing** *(07 41 13 00-0029)*		
		Note: Factory paint finish is Kynar 500®, Hylar 5000® or equal polyvinylidene fluoride (PVDF) finish.		
07 41 13 00-0044		**Aluminum Standing Seam Concealed Fastener Roofing** *(07 41 13 00-0043)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0045	SF	Architectural 0.032" Aluminum Standing Seam Concealed Fastener Roofing	14.23	3.23
		For Steep Roof, Over 6 To 12, Add	*1.94*	
		For 140 MPH Wind Load, Add	*0.80*	
		For Panels <16" Wide, Add	*1.91*	
		For Up To 1,500, Add	*3.56*	
		For >1,500 To 5,000, Add	*2.13*	
		For >5,000 To 10,000, Add	*0.36*	
07 41 13 00-0046	SF	Architectural 0.040" Aluminum Standing Seam Concealed Fastener Roofing	14.82	3.23
		For Steep Roof, Over 6 To 12, Add	*1.94*	
		For 140 MPH Wind Load, Add	*0.81*	
		For Panels <16" Wide, Add	*1.94*	
		For Up To 1,500, Add	*3.71*	
		For >1,500 To 5,000, Add	*2.22*	
		For >5,000 To 10,000, Add	*0.37*	
07 41 13 00-0047	SF	Architectural/Structural Or Structural 0.032" Aluminum Standing Seam Concealed Fastener Roofing	13.90	3.23
		For Steep Roof, Over 6 To 12, Add	*1.94*	
		For 140 MPH Wind Load, Add	*0.79*	
		For Panels <16" Wide, Add	*1.89*	
		For Up To 1,500, Add	*3.48*	
		For >1,500 To 5,000, Add	*2.09*	
		For >5,000 To 10,000, Add	*0.35*	
07 41 13 00-0048	SF	Architectural/Structural Or Structural 0.040" Aluminum Standing Seam Concealed Fastener Roofing	14.98	3.23
		For Steep Roof, Over 6 To 12, Add	*1.94*	
		For 140 MPH Wind Load, Add	*0.82*	
		For Panels <16" Wide, Add	*1.94*	
		For Up To 1,500, Add	*3.75*	
		For >1,500 To 5,000, Add	*2.25*	
		For >5,000 To 10,000, Add	*0.37*	
07 41 13 00-0049		**Accessories For Aluminum Standing Seam Roofing** *(07 41 13 00-0043)*		
07 41 13 00-0050	LF	Ridge Flashing For Aluminum Standing Seam Concealed Fastener Roofing	34.64	3.16
		For Steep Roof, Over 6 To 12, Add	*3.84*	
		For 140 MPH Wind Load, Add	*1.72*	
07 41 13 00-0051	LF	9" To 12" Girth, Eave Or Gable Flashing For Aluminum Standing Seam Concealed Fastener Roofing	21.41	2.20
		For Steep Roof, Over 6 To 12, Add	*2.56*	
		For 140 MPH Wind Load, Add	*1.11*	
07 41 13 00-0052	LF	Valley Flashing For Aluminum Standing Seam Concealed Fastener Roofing	43.29	3.16
		For Steep Roof, Over 6 To 12, Add	*3.84*	
		For 140 MPH Wind Load, Add	*1.89*	
07 41 13 00-0053	LF	Hip Flashing For Aluminum Standing Seam Concealed Fastener Roofing	35.43	3.16
		For Steep Roof, Over 6 To 12, Add	*3.84*	
		For 140 MPH Wind Load, Add	*1.73*	
07 41 13 00-0054		**Stainless Steel Standing Seam Concealed Fastener Roofing** *(07 41 13 00-0029)*		
07 41 13 00-0055		**Stainless Steel Standing Seam Concealed Fastener Roofing** *(07 41 13 00-0054)*		
07 41 13 00-0056	SF	Architectural 24 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing	26.47	3.88
		For Steep Roof, Over 6 To 12, Add	*2.91*	
		For 140 MPH Wind Load, Add	*1.30*	
		For Panels <16" Wide, Add	*3.12*	
		For Up To 1,500, Add	*6.62*	
		For >1,500 To 5,000, Add	*3.97*	
		For >5,000 To 10,000, Add	*0.66*	
07 41 13 00-0057	SF	Architectural 22 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing	30.04	3.88
		For Steep Roof, Over 6 To 12, Add	*2.91*	
		For 140 MPH Wind Load, Add	*1.38*	
		For Panels <16" Wide, Add	*3.29*	
		For Up To 1,500, Add	*7.51*	
		For >1,500 To 5,000, Add	*4.51*	
		For >5,000 To 10,000, Add	*0.75*	
07 41 13 00-0058	SF	Architectural 24 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing	34.27	3.88
		For Steep Roof, Over 6 To 12, Add	*2.91*	
		For 140 MPH Wind Load, Add	*1.46*	
		For Panels <16" Wide, Add	*3.51*	
		For Up To 1,500, Add	*8.57*	
		For >1,500 To 5,000, Add	*5.14*	
		For >5,000 To 10,000, Add	*0.86*	
07 41 13 00-0059	SF	Architectural 22 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing	39.70	3.88
		For Steep Roof, Over 6 To 12, Add	*2.91*	
		For 140 MPH Wind Load, Add	*1.57*	
		For Panels <16" Wide, Add	*3.78*	
		For Up To 1,500, Add	*9.93*	
		For >1,500 To 5,000, Add	*5.96*	
		For >5,000 To 10,000, Add	*0.99*	
07 41 13 00-0060		**Accessories For Stainless Steel Standing Seam Concealed Fastener Roofing** *(07 41 13 00-0054)*		
07 41 13 00-0061	LF	Ridge Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	79.67	3.54
		For Steep Roof, Over 6 To 12, Add	*4.24*	
		For 140 MPH Wind Load, Add	*2.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0062	LF	9" To 12" Girth, Eave Or Gable Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	43.17	2.32
		For Steep Roof, Over 6 To 12, Add	*2.81*	
		For 140 MPH Wind Load, Add	*1.61*	
07 41 13 00-0063	LF	Valley Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	109.55	3.54
		For Steep Roof, Over 6 To 12, Add	*4.21*	
		For 140 MPH Wind Load, Add	*3.31*	
07 41 13 00-0064	LF	Hip Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	82.04	3.54
		For Steep Roof, Over 6 To 12, Add	*4.24*	
		For 140 MPH Wind Load, Add	*2.77*	
07 41 13 00-0065		Metal Roof Surfacing *(07 41 13)*		
07 41 13 00-0066	SF	Acrylic, Metal Roof Primer, One Coat	0.87	
		For Steep Roof, Over 7 To 12, Add	*0.19*	
07 41 13 00-0067	SF	Acrylic Elastomeric, Surface Or Base Coating For Metal Roofing, One Coat Note: 55% solids by volume.	1.13	
		For Steep Roof, Over 7 To 12, Add	*0.19*	
07 41 33		**Plastic Roof Panels** *(07 41)*		
07 41 33 00-0001		Polyvinyl Chloride (PVC) Roofing Panels *(07 41 33)*		
07 41 33 00-0002		Polyvinyl Chloride (PVC) Roofing Panels *(07 41 33 00-0001)*		
07 41 33 00-0003	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, 8" Wide	7.42	2.73
07 41 33 00-0004	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, 10" Wide	7.02	2.46
07 41 33 00-0005	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 8" Wide	7.64	2.73
07 41 33 00-0006	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 10" Wide	7.20	2.46
07 41 33 00-0007		Polyvinyl Chloride (PVC) Roofing Accessories *(07 41 33 00-0001)*		
07 41 33 00-0008	LF	1" "J" Channel, Starter Strip Trim	4.69	2.05
07 41 33 00-0009	LF	3-1/2" "J" Channel, Starter Strip Trim	6.34	2.05
07 41 33 00-0010	LF	Outside Corner Post, 7/8" Pocket	6.81	2.05
07 41 33 00-0011	LF	Inside Corner Post, 7/8" Pocket	5.53	2.05
07 41 33 00-0012		Fiberglass Roofing Panel *(07 41 33)*		
07 41 33 00-0013		Corrugated Panels *(07 41 33 00-0012)*		
07 41 33 00-0014	SF	8 Ounce Corrugated Fiberglass Panel	8.29	2.19
07 41 33 00-0015	SF	12 Ounce Corrugated Fiberglass Panel	9.56	2.19
07 42		**Wall Panels** *(07 40)*		
07 42 13		**Metal Wall Panels** *(07 42)*		
07 42 13 19		**Insulated Metal Wall Panels** *(07 42 13)*		
07 42 13 19-0001		Insulated Panels For Sash/Window Replacement *(07 42 13 19)* Note: Porcelain or polymer finish on aluminum panel with polystyrene core.		
07 42 13 19-0002	SF	1" Insulated Panel For Sash Or Window Replacement	39.54	4.60
		For Non-Insulated Panels, Deduct	*-7.57*	
07 42 13 19-0003	SF	1-1/4" Insulated Panel For Sash Or Window Replacement	42.61	5.17
		For Non-Insulated Panels, Deduct	*-8.09*	
07 42 13 19-0004	SF	1-3/4" Insulated Panel For Sash Or Window Replacement	45.49	5.76
		For Non-Insulated Panels, Deduct	*-8.61*	
07 42 13 19-0005	SF	2-1/4" Insulated Panel For Sash Or Window Replacement	48.51	5.98
		For Non-Insulated Panels, Deduct	*-9.13*	
07 42 13 19-0006	SF	3-1/4" Insulated Panel For Sash Or Window Replacement	55.50	6.56
		For Non-Insulated Panels, Deduct	*-10.61*	
07 42 13 19-0007	SF	4-1/4" Insulated Panel For Sash Or Window Replacement	65.29	7.25
		For Non-Insulated Panels, Deduct	*-12.73*	
07 42 13 23		**Metal Composite Material Wall Panels** *(07 42 13)*		
07 42 13 23-0001		24 Gauge, Galvanized Steel Insulated Tongue And Groove Metal Siding Panels *(07 42 13 23)* Note: G-90 galvanized steel, 24 gauge exterior face and 24 gauge interior liner. Galvalume® AZ-55 coating designation with texture. Non-CFC polyurethane foam core. Standard color on exterior and interior panels. CF Mesa Profile wall panels as manufactured by Metl-Span Corporation.		
07 42 13 23-0002	SF	2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	24.37	2.80
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
07 42 13 23-0003	SF	2-1/2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	27.33	3.16
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 42 13 23-0004	SF	3" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	29.83	3.60
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
07 42 13 23-0005	SF	4" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	33.20	4.76
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	

07 42 93 Soffit Panels *(07 42)*

07 42 93 00-0001 Aluminum Soffit And Fascia *(07 42 93)*

Note: Excludes J-channel.

07 42 93 00-0002	LF	6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	4.83	1.61
		For 0.015" Thick, Deduct	*-0.10*	
07 42 93 00-0003	LF	10" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	6.05	1.70
		For 0.015" Thick, Deduct	*-0.19*	
07 42 93 00-0004	LF	1' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	6.66	1.74
		For 0.015" Thick, Deduct	*-0.23*	
07 42 93 00-0005	LF	1'-6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	8.44	1.83
		For 0.015" Thick, Deduct	*-0.33*	
07 42 93 00-0006	LF	2' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	10.40	2.00
		For 0.015" Thick, Deduct	*-0.45*	
07 42 93 00-0007	LF	3' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	13.99	2.21
		For 0.015" Thick, Deduct	*-0.68*	
07 42 93 00-0008	LF	4' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	17.62	2.44
		For 0.015" Thick, Deduct	*-0.93*	
07 42 93 00-0009	LF	5' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	21.29	2.68
		For 0.015" Thick, Deduct	*-1.15*	
07 42 93 00-0010	LF	4" Exposure, 0.024" Thick, Aluminum Fascia	5.76	1.57
07 42 93 00-0011	LF	6" Exposure, 0.024" Thick, Aluminum Fascia	6.33	1.61
07 42 93 00-0012	LF	8" Exposure, 0.024" Thick, Aluminum Fascia	7.50	1.66
07 42 93 00-0013	LF	10" Exposure, 0.024" Thick, Aluminum Fascia	8.75	1.70

07 46 Siding *(07 40)*

07 46 16 Aluminum Siding *(07 46)*

Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.

07 46 16 00-0001 Aluminum Coil Stock Cladding *(07 46 16)*

Note: Per SF of board, includes overlappage.

07 46 16 00-0002	SF	0.016" Thick, Aluminum Clad Siding	13.28	4.21
07 46 16 00-0003	SF	0.019" Thick, Aluminum Clad Siding	13.47	4.21
07 46 16 00-0004	SF	0.024" Thick, Aluminum Clad Siding	13.79	4.21

07 46 16 00-0005 Aluminum Siding Panels *(07 46 16)*

07 46 16 00-0006 Corrugated Aluminum Siding Panels *(07 46 16 00-0005)*

Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.

07 46 16 00-0007	SF	0.019", Painted Finish, Corrugated Aluminum Siding Panel	9.87	2.44
07 46 16 00-0008	SF	0.021", Painted Finish, Corrugated Aluminum Siding Panel	10.31	2.44
07 46 16 00-0009	SF	0.024", Painted Finish, Corrugated Aluminum Siding Panel	11.71	2.44
07 46 16 00-0010	SF	0.032", Painted Finish, Corrugated Aluminum Siding Panel	14.43	2.44

07 46 16 00-0011 V- Beam Aluminum Siding Panels *(07 46 16 00-0005)*

Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.

07 46 16 00-0012	SF	0.032", Painted Finish, V- Beam Aluminum Siding Panel	14.32	2.44
07 46 16 00-0013	SF	0.040", Painted Finish, V- Beam Aluminum Siding Panel	16.15	2.44
07 46 16 00-0014	SF	0.050", Painted Finish, V- Beam Aluminum Siding Panel	20.48	2.44

07 46 16 00-0015 Box Ribbed Aluminum Siding Panels *(07 46 16 00-0005)*

Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.

07 46 16 00-0016	SF	0.032", Painted Finish, Box Ribbed Aluminum Siding Panel	15.13	2.44
07 46 16 00-0017	SF	0.040", Painted Finish, Box Ribbed Aluminum Siding Panel	16.89	2.44
07 46 16 00-0018	SF	0.050", Painted Finish, Box Ribbed Aluminum Siding Panel	17.97	2.44

07 46 16 00-0019 Aluminum Siding Accessories *(07 46 16)*

07 46 16 00-0020	LF	3/8" Pocket, Aluminum J-Channel	3.71	1.50
07 46 16 00-0021	LF	1/2" Pocket, Aluminum J-Channel	3.71	1.50
07 46 16 00-0022	LF	3/4" Pocket, Aluminum J-Channel	4.44	1.50
07 46 16 00-0023	LF	3/8" Pocket, Aluminum F-Channel	4.13	1.50
07 46 16 00-0024	LF	1/2" Pocket, Aluminum F-Channel	4.13	1.50

07 46 19 Steel Siding *(07 46)*

Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.

07 46 19 00-0001 Steel Siding Panels *(07 46 19)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 19 00-0002		**Corrugated Steel Siding Panels** *(07 46 19 00-0001)* Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 19 00-0003	SF	20 Gauge, Painted Finish, Corrugated Steel Siding Panel	12.02	2.44
		For Galvanized Instead Of Painted Steel, Add	*1.79*	
07 46 19 00-0004	SF	22 Gauge, Painted Finish, Corrugated Steel Siding Panel	11.11	2.44
		For Galvanized Instead Of Painted Steel, Add	*1.56*	
07 46 19 00-0005	SF	24 Gauge, Painted Finish, Corrugated Steel Siding Panel	10.88	2.44
		For Galvanized Instead Of Painted Steel, Add	*1.50*	
07 46 19 00-0006	SF	26 Gauge, Painted Finish, Corrugated Steel Siding Panel	8.19	2.44
		For Galvanized Instead Of Painted Steel, Add	*0.83*	
07 46 19 00-0007	SF	28 Gauge, Painted Finish, Corrugated Steel Siding Panel	8.00	2.44
		For Galvanized Instead Of Painted Steel, Add	*0.78*	
07 46 19 00-0008	SF	30 Gauge, Painted Finish, Corrugated Steel Siding Panel	7.87	2.44
		For Galvanized Instead Of Painted Steel, Add	*0.75*	
07 46 19 00-0009		**Box Ribbed Steel Siding Panels** *(07 46 19 00-0001)* Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 19 00-0010	SF	20 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	11.34	2.44
		For Galvanized Instead Of Painted Steel, Add	*1.62*	
07 46 19 00-0011	SF	22 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	10.93	2.44
		For Galvanized Instead Of Painted Steel, Add	*1.51*	
07 46 19 00-0012	SF	24 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	10.65	2.44
		For Galvanized Instead Of Painted Steel, Add	*1.44*	
07 46 19 00-0013	SF	26 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	10.20	2.44
		For Galvanized Instead Of Painted Steel, Add	*1.33*	
07 46 19 00-0014	SF	28 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	9.22	2.44
		For Galvanized Instead Of Painted Steel, Add	*1.09*	
07 46 19 00-0015		**Clapboard Steel Siding Panels** *(07 46 19 00-0001)* Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 19 00-0016	SF	29 Gauge, Painted Finish, Clapboard Steel Siding Panel	9.83	1.22
07 46 23		**Wood Siding** *(07 46)* Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.		
07 46 23 00-0001		**Wood Lap Siding** *(07 46 23)*		
07 46 23 00-0002	LF	8" Wide Rough Sawn Cedar Lap Siding	4.24	1.67
07 46 23 00-0003	LF	10" Wide Rough Sawn Cedar Lap Siding	4.73	1.79
07 46 23 00-0004	LF	12" Wide Rough Sawn Cedar Lap Siding	5.23	1.90
07 46 23 00-0005	LF	6" To 8" Wide Southern Yellow Pine Lap Siding, D Grade	4.51	1.67
07 46 23 00-0006	LF	6" To 8" Wide Spruce Lap Siding, #2 Or Better	4.96	1.67
07 46 23 00-0007	LF	6" To 8" Wide Western Red Cedar, B Grade Lap Siding	5.94	1.67
07 46 23 00-0008	LF	6" To 8" Wide Western Red Cedar, A Grade Lap Siding	6.32	1.67
07 46 23 00-0009	LF	6" To 8" Wide Clear Heart Redwood Lap Siding	5.78	1.67
07 46 23 00-0010	LF	1" x 8" Cedar Round Or Flat Front Siding, Log Cabin	4.65	1.79
07 46 23 00-0011	LF	1" x 8" Cedar Beveled Siding, Channel, Rustic	4.65	1.79
07 46 23 00-0012		**Tongue And Groove Siding** *(07 46 23)*		
07 46 23 00-0013	SF	1" x 6" Tongue And Groove Southern Yellow Pine Siding	4.23	1.67
07 46 23 00-0014	SF	1" x 8" Tongue And Groove Southern Yellow Pine Siding	4.63	1.67
07 46 23 00-0015	SF	1" x 6" 105 Southern Yellow Pine Siding	4.32	1.67
07 46 23 00-0016	SF	1" x 8" 105 Southern Yellow Pine Siding	4.87	1.67
07 46 29		**Plywood Siding** *(07 46)* Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.		
07 46 29 00-0001		**T-111 Siding** *(07 46 29)*		
07 46 29 00-0002	SF	5/8" T-111, Fine Grade Siding, Paint Ready Applied To Blackboard / Stud	2.99	0.81
		For Pressure Treated, Add	*0.18*	
07 46 33		**Plastic Siding** *(07 46)* Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.		
07 46 33 00-0001		**Vinyl Siding** *(07 46 33)* Note: Includes standard manufacturer's colors.		
07 46 33 00-0002		**Vinyl Siding Panels** *(07 46 33 00-0001)* Note: Excludes J-channels, starter strips and trim.		
07 46 33 00-0003		**Horizontal Vinyl Siding Panels** *(07 46 33 00-0002)* Note: Includes single, double or triple profiles. Includes traditional clapboard or dutch lap styles.		
07 46 33 00-0004	SF	7" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	5.65	1.97
		For 0.040" Thick, Deduct	*-0.25*	
		For 0.042" Thick, Deduct	*-0.09*	
		For 0.046" Thick, Add	*0.60*	
		For Manufacturer's Custom Colors, Add	*0.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 33 00-0005	SF	8" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	5.42	1.86
		For 0.040" Thick, Deduct	*-0.25*	
		For 0.042" Thick, Deduct	*-0.09*	
		For 0.046" Thick, Add	*0.60*	
		For Manufacturer's Custom Colors, Add	*0.09*	
07 46 33 00-0006	SF	9" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	5.24	1.77
		For 0.040" Thick, Deduct	*-0.25*	
		For 0.042" Thick, Deduct	*-0.09*	
		For 0.046" Thick, Add	*0.60*	
		For Manufacturer's Custom Colors, Add	*0.09*	
07 46 33 00-0007	SF	10" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	5.07	1.68
		For 0.040" Thick, Deduct	*-0.25*	
		For 0.042" Thick, Deduct	*-0.09*	
		For 0.046" Thick, Add	*0.60*	
		For Manufacturer's Custom Colors, Add	*0.09*	
07 46 33 00-0008	SF	12" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	4.84	1.56
		For 0.040" Thick, Deduct	*-0.25*	
		For 0.042" Thick, Deduct	*-0.09*	
		For 0.046" Thick, Add	*0.60*	
		For Manufacturer's Custom Colors, Add	*0.09*	
07 46 33 00-0009		**Vertical Vinyl Siding Panels** *(07 46 33 00-0002)*		
07 46 33 00-0010	SF	7" Exposure, 0.048" Thick, Board And Batten, Vinyl Siding Panel	6.97	1.97
		For Manufacturer's Custom Colors, Add	*0.15*	
07 46 33 00-0011		**Vinyl Siding Accessories** *(07 46 33 00-0001)*		
07 46 33 00-0012	LF	3/4" Pocket, Outside Corner Post For Vinyl Siding	7.36	1.50
		For Manufacturer's Custom Colors, Add	*0.22*	
07 46 33 00-0013	LF	1-1/8" Pocket, Outside Corner Post For Vinyl Siding	13.99	1.50
		For Manufacturer's Custom Colors, Add	*0.55*	
07 46 33 00-0014	LF	3/4" Pocket, Inside Corner Post For Vinyl Siding	5.69	1.50
		For Manufacturer's Custom Colors, Add	*0.13*	
07 46 33 00-0015	LF	1-1/8" Pocket, Inside Corner Post For Vinyl Siding	7.09	1.50
		For Manufacturer's Custom Colors, Add	*0.20*	
07 46 33 00-0016	LF	3/8" Pocket, J-Channel For Vinyl Siding	4.11	1.50
		For Manufacturer's Custom Colors, Add	*0.07*	
07 46 33 00-0017	LF	1/2" Pocket, J-Channel For Vinyl Siding	3.79	1.50
		For Manufacturer's Custom Colors, Add	*0.05*	
07 46 33 00-0018	LF	5/8" Pocket, J-Channel For Vinyl Siding	3.72	1.50
		For Manufacturer's Custom Colors, Add	*0.05*	
07 46 33 00-0019	LF	3/4" Pocket, J-Channel For Vinyl Siding	3.93	1.50
		For Manufacturer's Custom Colors, Add	*0.06*	
07 46 33 00-0020	LF	1" Pocket, J-Channel For Vinyl Siding	4.73	1.50
		For Manufacturer's Custom Colors, Add	*0.09*	
07 46 33 00-0021	LF	1-1/4" Pocket, J-Channel For Vinyl Siding	5.21	1.50
		For Manufacturer's Custom Colors, Add	*0.11*	
07 46 33 00-0022	LF	2-1/2" Pocket, J-Channel For Vinyl Siding	5.75	1.50
		For Manufacturer's Custom Colors, Add	*0.10*	
07 46 33 00-0023	LF	1/2" Pocket, F-Channel For Vinyl Siding	3.97	1.50
		For Manufacturer's Custom Colors, Add	*0.08*	
07 46 33 00-0024	LF	3/4" Pocket, 3-1/2" Lineal Trim For Vinyl Siding	9.28	2.08
		For Manufacturer's Custom Colors, Add	*0.26*	
07 46 33 00-0025	LF	3/4" Pocket, 5" Lineal Trim For Vinyl Siding	9.75	2.08
		For Manufacturer's Custom Colors, Add	*0.28*	
07 46 33 00-0026	LF	1-1/8" Pocket, 3-1/2" Lineal Trim For Vinyl Siding	10.78	2.08
		For Manufacturer's Custom Colors, Add	*0.33*	
07 46 33 00-0027	LF	3/8" Pocket, 1-7/8" H-Mold For Vinyl Siding	5.43	1.50
		For Manufacturer's Custom Colors, Add	*0.12*	
07 46 33 00-0028	LF	Vinyl Starter Strip For Vinyl Siding	6.89	1.50
		For Manufacturer's Custom Colors, Add	*0.19*	
07 46 33 00-0029	LF	Undersill Trim For Vinyl Siding	5.83	1.50
		For Manufacturer's Custom Colors, Add	*0.14*	
07 46 33 00-0030		**Vinyl Soffit And Fascia** *(07 46 33 00-0001)*		
		Note: Excludes J-channel.		
07 46 33 00-0031	LF	6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	4.79	1.61
		For 0.038" Thick, Deduct	*-0.70*	
		For 0.040" Thick, Deduct	*-0.60*	
		For Manufacturer's Custom Colors, Add	*0.08*	
07 46 33 00-0032	LF	10" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	6.00	1.70
		For 0.038" Thick, Deduct	*-1.18*	
		For 0.040" Thick, Deduct	*-1.00*	
		For Manufacturer's Custom Colors, Add	*0.13*	
07 46 33 00-0033	LF	1' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	6.60	1.74
		For 0.038" Thick, Deduct	*-1.42*	
		For 0.040" Thick, Deduct	*-1.19*	
		For Manufacturer's Custom Colors, Add	*0.16*	
07 46 33 00-0034	LF	1'-6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	8.34	1.83
		For 0.038" Thick, Deduct	*-2.14*	
		For 0.040" Thick, Deduct	*-1.79*	
		For Manufacturer's Custom Colors, Add	*0.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 33 00-0035	LF	2' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	10.28	2.00
		For 0.038" Thick, Deduct	*-2.86*	
		For 0.040" Thick, Deduct	*-2.41*	
		For Manufacturer's Custom Colors, Add	*0.31*	
07 46 33 00-0036	LF	3' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	13.80	2.21
		For 0.038" Thick, Deduct	*-4.31*	
		For 0.040" Thick, Deduct	*-3.60*	
		For Manufacturer's Custom Colors, Add	*0.47*	
07 46 33 00-0037	LF	4' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	17.37	2.44
		For 0.038" Thick, Deduct	*-5.75*	
		For 0.040" Thick, Deduct	*-4.82*	
		For Manufacturer's Custom Colors, Add	*0.63*	
07 46 33 00-0038	LF	5' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	20.98	2.68
		For 0.038" Thick, Deduct	*-7.17*	
		For 0.040" Thick, Deduct	*-6.01*	
		For Manufacturer's Custom Colors, Add	*0.78*	
07 46 33 00-0039	LF	4" Exposure, Vinyl Fascia	5.03	1.57
		For Manufacturer's Custom Colors, Add	*0.09*	
07 46 33 00-0040	LF	6" Exposure, Vinyl Fascia	5.66	1.61
		For Manufacturer's Custom Colors, Add	*0.12*	
07 46 33 00-0041	LF	8" Exposure, Vinyl Fascia	5.57	1.66
		For Manufacturer's Custom Colors, Add	*0.11*	
07 46 33 00-0042	LF	10" Exposure, Vinyl Fascia	6.45	1.70
		For Manufacturer's Custom Colors, Add	*0.15*	
07 46 33 00-0043		Fiberglass Siding *(07 46 33)*		
07 46 33 00-0044		Corrugated Panels *(07 46 33 00-0043)*		
07 46 33 00-0045	SF	6 Ounce Corrugated Fiberglass Panels	7.54	2.32
07 46 33 00-0046	SF	8 Ounce Corrugated Fiberglass Panels	8.07	2.08
07 46 33 00-0047	SF	12 Ounce Corrugated Fiberglass Panels	9.04	2.08
07 46 33 00-0048		Flat Panels *(07 46 33 00-0043)*		
07 46 33 00-0049	SF	6 Ounce Flat Fiberglass Panels	7.20	2.08
07 46 33 00-0050	SF	8 Ounce Flat Fiberglass Panels	8.07	2.08
07 46 46		**Fiber-Cement Siding** *(07 46)*		
		Note: Smooth or patterns. Includes sealer and primer.		
07 46 46 00-0001		5/16" Thick, Fiber Cement Lap Siding *(07 46 46)*		
07 46 46 00-0002	SF	5-1/4" Board with 4" Exposure, 5/16" Thick, Fiber Cement Lap Siding	6.82	2.44
07 46 46 00-0003	SF	6-1/4" Board with 5" Exposure, 5/16" Thick, Fiber Cement Lap Siding	6.48	2.32
07 46 46 00-0004	SF	7-1/4" Board with 6" Exposure, 5/16" Thick, Fiber Cement Lap Siding	6.35	2.26
07 46 46 00-0005	SF	8-1/4" Board with 7" Exposure, 5/16" Thick, Fiber Cement Lap Siding	6.20	2.20
07 46 46 00-0006	SF	9-1/2" Board with 8" Exposure, 5/16" Thick, Fiber Cement Lap Siding	5.92	2.08
07 46 46 00-0007	SF	12" Board with 10-3/4" Exposure, 5/16" Thick, Fiber Cement Lap Siding	5.65	1.97
07 46 46 00-0008	LF	Starter Strip, Fiber Cement Lap Siding	1.49	0.58
07 46 46 00-0009		Fiber Cement Shingle Siding *(07 46 46)*		
07 46 46 00-0010	SF	Fiber Cement Shingle Siding	10.26	2.14
07 46 46 00-0011		Fiber Cement Vertical Panel Siding *(07 46 46)*		
07 46 46 00-0012	SF	Fiber Cement Vertical Panel Siding	5.00	1.74
07 46 46 00-0013		Fiber Cement Trim Boards *(07 46 46)*		
07 46 46 00-0014		7/16" Thick, Fiber Cement Trim Boards *(07 46 46 00-0013)*		
07 46 46 00-0015	LF	4" Wide, 7/16" Thick, Fiber Cement Trim Board	3.27	1.16
07 46 46 00-0016	LF	6" Wide, 7/16" Thick, Fiber Cement Trim Board	4.13	1.28
07 46 46 00-0017	LF	8" Wide, 7/16" Thick, Fiber Cement Trim Board	4.95	1.39
07 46 46 00-0018	LF	12" Wide, 7/16" Thick, Fiber Cement Trim Board	6.48	1.63
07 46 46 00-0019		3/4" Thick Fiber Cement Trim Boards *(07 46 46 00-0013)*		
07 46 46 00-0020	LF	4" Wide, 3/4" Thick, Fiber Cement Trim Board	3.43	1.16
07 46 46 00-0021	LF	6" Wide, 3/4" Thick, Fiber Cement Trim Board	4.37	1.28
07 46 46 00-0022	LF	8" Wide, 3/4" Thick, Fiber Cement Trim Board	5.35	1.39
07 46 46 00-0023	LF	12" Wide, 3/4" Thick, Fiber Cement Trim Board	5.61	1.63
07 46 46 00-0024		1" Thick Fiber Cement Trim Boards *(07 46 46 00-0013)*		
07 46 46 00-0025	LF	4" Wide, 1" Thick, Fiber Cement Trim Board	3.62	1.16
07 46 46 00-0026	LF	6" Wide, 1" Thick, Fiber Cement Trim Board	4.72	1.28
07 46 46 00-0027	LF	8" Wide, 1" Thick, Fiber Cement Trim Board	5.86	1.39
07 46 46 00-0028	LF	12" Wide, 1" Thick, Fiber Cement Trim Board	7.79	1.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 46 00-0029		Fiber Cement Fascia Board *(07 46 46)*		
07 46 46 00-0030	LF	5/4" x 3-1/2" Fiber Cement Fascia Board	6.38	2.30
07 46 46 00-0031	LF	5/4" x 5-1/2" Fiber Cement Fascia Board	7.95	2.56
07 46 46 00-0032	LF	5/4" x 7-1/4" Fiber Cement Fascia Board	8.84	2.56
07 46 46 00-0033	LF	5/4" x 11-1/4" Fiber Cement Fascia Board	11.68	3.00
07 46 46 00-0034		Fiber Cement Soffit Boards *(07 46 46)*		
07 46 46 00-0035	SF	1/4" Thick, Non-Vented Fiber Cement Soffit	7.56	1.66
07 46 46 00-0036	SF	1/4" Thick, Vented Fiber Cement Soffit	8.10	1.66

07 46 63 Fabricated Panel Assemblies with Siding *(07 46)*

07 46 63 00-0001 Metal Liner Panels *(07 46 63)*

07 46 63 00-0002 Galvanized Metal Liner Panels *(07 46 63 00-0001)*

07 46 63 00-0003	SF	24 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	10.82	2.04
07 46 63 00-0004	SF	22 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	11.90	2.04
07 46 63 00-0005	SF	20 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	13.80	2.04
07 46 63 00-0006	SF	18 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	14.00	2.04

07 50 Membrane Roofing *(07)*

See CSI section 07 22 16 00-0000 for insulation, 07 60 00 00-0000 for additional flashing, sheet metal and trim, 07 70 00 00-0000 for additional roof accessories.

07 51 Built-Up Bituminous Roofing *(07 50)*

07 51 13 Built-Up Asphalt Roofing *(07 51)*

07 51 13 00-0001 Built-Up Asphalt Roofing Components *(07 51 13)*

07 51 13 00-0002 Built-Up Asphalt Membrane Roofing *(07 51 13 00-0001)*

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0067 for built-up roofing demolition.

07 51 13 00-0003 Cold Adhesive Applied, Built-Up Asphalt Membrane Roofing *(07 51 13 00-0002)*

Note: Includes applying cold adhesive and embedding the membrane.

07 51 13 00-0004 Cold Adhesive Applied, Built-Up Asphalt Roofing Base, Ply And Cap Sheets *(07 51 13 00-0003)*

07 51 13 00-0005	SQ	Type IV, Asphalt Coated Fiberglass Ply Sheet, Cold Adhesive Applied	130.44
		For >20 To 40, Add	*10.80*
		For >75 To 100, Deduct	*-5.40*
		For >100 To 200, Deduct	*-11.86*
		For >200, Deduct	*-17.26*
		For Up To 10, Add	*34.64*
		For >10 To 20, Add	*19.46*
07 51 13 00-0006	SQ	Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Cold Adhesive Applied	359.02
		For >20 To 40, Add	*22.23*
		For >75 To 100, Deduct	*-11.11*
		For >100 To 200, Deduct	*-23.29*
		For >200, Deduct	*-34.41*
		For Up To 10, Add	*80.35*
		For >10 To 20, Add	*42.31*

07 51 13 00-0007 Cold Adhesive Applied, Built-Up Asphalt Roofing Flashing *(07 51 13 00-0003)*

07 51 13 00-0008	SF	Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Cold Adhesive Applied	8.63

07 51 13 00-0009 Hot-Mopped, Built-Up Asphalt Membrane Roofing *(07 51 13 00-0002)*

Note: Includes mopping hot asphalt and embedding the membrane.

07 51 13 00-0010 Hot-Mopped, Built-Up Asphalt Roofing Base, Ply And Cap Sheets *(07 51 13 00-0009)*

07 51 13 00-0011	SQ	Type IV, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped	96.30
		For >20 To 40, Add	*9.16*
		For >75 To 100, Deduct	*-4.58*
		For >100 To 200, Deduct	*-10.24*
		For >200, Deduct	*-14.82*
		For Up To 10, Add	*27.94*
		For >10 To 20, Add	*16.14*
07 51 13 00-0012	SQ	Type VI, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped	102.82
		For >20 To 40, Add	*9.48*
		For >75 To 100, Deduct	*-4.74*
		For >100 To 200, Deduct	*-10.57*
		For >200, Deduct	*-15.31*
		For Up To 10, Add	*29.25*
		For >10 To 20, Add	*16.79*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0013	SQ	Fine Mineral Surfaced, Asphalt Coated Fiberglass Base Sheet, Hot-Mopped	110.23	
		For >20 To 40, Add	*9.85*	
		For >75 To 100, Deduct	*-4.93*	
		For >100 To 200, Deduct	*-10.94*	
		For >200, Deduct	*-15.86*	
		For Up To 10, Add	*30.73*	
		For >10 To 20, Add	*17.53*	
07 51 13 00-0014	SQ	Asphalt Coated Fiberglass Venting Base Sheet, Hot-Mopped	192.36	
		For >20 To 40, Add	*13.96*	
		For >75 To 100, Deduct	*-6.98*	
		For >100 To 200, Deduct	*-15.04*	
		For >200, Deduct	*-22.02*	
		For Up To 10, Add	*47.15*	
		For >10 To 20, Add	*25.75*	
07 51 13 00-0015	SQ	Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Hot-Mopped	324.89	
		For >20 To 40, Add	*20.59*	
		For >75 To 100, Deduct	*-10.29*	
		For >100 To 200, Deduct	*-21.67*	
		For >200, Deduct	*-31.96*	
		For Up To 10, Add	*73.66*	
		For >10 To 20, Add	*39.00*	
07 51 13 00-0016	SQ	Granule Surfaced, Asphalt Coated Fiberglass Cap Sheet, Hot-Mopped	246.61	
		For >20 To 40, Add	*17.09*	
		For >75 To 100, Deduct	*-8.54*	
		For >100 To 200, Deduct	*-18.27*	
		For >200, Deduct	*-26.82*	
		For Up To 10, Add	*58.83*	
		For >10 To 20, Add	*31.79*	

07 51 13 00-0017 Hot-Mopped, Built-Up Asphalt Roofing Flashing *(07 51 13 00-0009)*

07 51 13 00-0018	SF	Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Hot-Mopped	5.52	

07 51 13 00-0019 Mechanically Fastened, Built-Up Asphalt Membrane Roofing *(07 51 13 00-0002)*

Note: Includes fasteners.

07 51 13 00-0020 Mechanically Fastened, Built-Up Asphalt Roofing Base, Ply And Cap Sheets *(07 51 13 00-0019)*

07 51 13 00-0021	SQ	Type VI, Asphalt Coated Fiberglass Ply Sheet, Mechanically Fastened	100.77	
		For >20 To 40, Add	*7.17*	
		For >75 To 100, Deduct	*-3.59*	
		For >100 To 200, Deduct	*-7.71*	
		For >200, Deduct	*-11.29*	
		For Up To 10, Add	*24.42*	
		For >10 To 20, Add	*13.28*	
07 51 13 00-0022	SQ	Asphalt Coated Fiberglass Venting Base Sheet, Mechanically Fastened	190.31	
		For >20 To 40, Add	*11.65*	
		For >75 To 100, Deduct	*-5.83*	
		For >100 To 200, Deduct	*-12.18*	
		For >200, Deduct	*-18.01*	
		For Up To 10, Add	*42.33*	
		For >10 To 20, Add	*22.23*	
07 51 13 00-0023	SQ	Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Mechanically Fastened	322.84	
		For >20 To 40, Add	*18.28*	
		For >75 To 100, Deduct	*-9.14*	
		For >100 To 200, Deduct	*-18.81*	
		For >200, Deduct	*-27.95*	
		For Up To 10, Add	*68.84*	
		For >10 To 20, Add	*35.49*	

07 51 13 00-0024 Mechanically Fastened, Built-Up Asphalt Roofing Flashing *(07 51 13 00-0019)*

07 51 13 00-0025	SF	Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Mechanically Fastened	6.66	

07 51 13 00-0026 Asphalt Saturated Organic Felt *(07 51 13 00-0001)*

07 51 13 00-0027 Cold Adhesive Applied, Asphalt Saturated Organic Felt *(07 51 13 00-0026)*

Note: Includes applying cold adhesive and embedding the felt.

07 51 13 00-0028	SQ	15 Lb., Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied	126.37	
		For >20 To 40, Add	*10.59*	
		For >75 To 100, Deduct	*-5.30*	
		For >100 To 200, Deduct	*-11.66*	
		For >200, Deduct	*-16.96*	
		For Up To 10, Add	*33.82*	
		For >10 To 20, Add	*19.05*	
07 51 13 00-0029	SQ	30 Lb., Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied	143.17	
		For >20 To 40, Add	*11.43*	
		For >75 To 100, Deduct	*-5.72*	
		For >100 To 200, Deduct	*-12.50*	
		For >200, Deduct	*-18.22*	
		For Up To 10, Add	*37.18*	
		For >10 To 20, Add	*20.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0030		**Hot-Mopped, Asphalt Saturated Organic Felt** *(07 51 13 00-0026)* Note: Includes mopping hot asphalt and embedding the felt.		
07 51 13 00-0031	SQ	15 Lb., Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped	92.23	
		For >20 To 40, Add	*8.95*	
		For >75 To 100, Deduct	*-4.48*	
		For >100 To 200, Deduct	*-10.04*	
		For >200, Deduct	*-14.51*	
		For Up To 10, Add	*27.13*	
		For >10 To 20, Add	*15.73*	
07 51 13 00-0032	SQ	30 Lb., Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped	109.03	
		For >20 To 40, Add	*9.79*	
		For >75 To 100, Deduct	*-4.90*	
		For >100 To 200, Deduct	*-10.88*	
		For >200, Deduct	*-15.77*	
		For Up To 10, Add	*30.49*	
		For >10 To 20, Add	*17.41*	
07 51 13 00-0033		**Mechanically Fastened, Asphalt Saturated Organic Felt** *(07 51 13 00-0026)* Note: Includes fasteners.		
07 51 13 00-0034	SQ	15 Lb., Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened	46.37	
		For >20 To 40, Add	*4.45*	
		For >75 To 100, Deduct	*-2.23*	
		For >100 To 200, Deduct	*-4.99*	
		For >200, Deduct	*-7.21*	
		For Up To 10, Add	*13.54*	
		For >10 To 20, Add	*7.84*	
07 51 13 00-0035	SQ	30 Lb., Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened	63.17	
		For >20 To 40, Add	*5.29*	
		For >75 To 100, Deduct	*-2.65*	
		For >100 To 200, Deduct	*-5.83*	
		For >200, Deduct	*-8.47*	
		For Up To 10, Add	*16.90*	
		For >10 To 20, Add	*9.52*	
07 51 13 00-0036		**Surfacing** *(07 51 13 00-0001)*		
07 51 13 00-0037	SQ	400 Lb./SQ, Gravel Roofing Ballast, Set In Hot Asphalt Flood Coat	204.02	
		For >20 To 40, Add	*20.89*	
		For >75 To 100, Deduct	*-10.44*	
		For >100 To 200, Deduct	*-23.56*	
		For >200, Deduct	*-34.00*	
		For Up To 10, Add	*62.18*	
		For >10 To 20, Add	*36.43*	
07 51 13 00-0038	SQ	400 Lb./SQ, Gravel Roofing Ballast, Set In Cold Adhesive Flood Coat	302.93	
		For >20 To 40, Add	*25.83*	
		For >75 To 100, Deduct	*-12.92*	
		For >100 To 200, Deduct	*-28.51*	
		For >200, Deduct	*-41.42*	
		For Up To 10, Add	*81.96*	
		For >10 To 20, Add	*46.32*	
07 51 13 00-0039	CY	Gravel Roofing Ballast, Spread To Desired Thickness Note: Excludes hot asphalt or cold adhesive.	209.13	
07 51 13 00-0040	SQ	Protective Polypropylene Fabric Mat, Loose Laid Note: Installed as a separator mat (under membrane), a crushed stone mat (above membrane) or as a stone separator mat in ballasted systems.	56.94	
		For >20 To 40, Add	*4.26*	
		For >75 To 100, Deduct	*-2.13*	
		For >100 To 200, Deduct	*-4.61*	
		For >200, Deduct	*-6.74*	
		For Up To 10, Add	*14.21*	
		For >10 To 20, Add	*7.81*	
07 51 13 00-0041	SQ	Clay-Stabilized, Water-Based Asphalt Emulsion With Reinforcing Fibers, Weather-Proofing Surface Coating, Price Per Coat Note: Protective coating for use over built-up, SBS and APP modified bitumen, metal, concrete and wood roofs.	147.26	
		For >20 To 40, Add	*9.93*	
		For >75 To 100, Deduct	*-4.96*	
		For >100 To 200, Deduct	*-10.57*	
		For >200, Deduct	*-15.53*	
		For Up To 10, Add	*34.58*	
		For >10 To 20, Add	*18.57*	
07 51 13 00-0042	SQ	Fibrated Aluminum, Asphalt-Based, Reflective Weather-Proofing Surface Coating, Price Per Coat Note: Protective and reflective coating for use over built-up, SBS and APP modified bitumen and metal roofs.	130.91	
		For >20 To 40, Add	*9.11*	
		For >75 To 100, Deduct	*-4.56*	
		For >100 To 200, Deduct	*-9.75*	
		For >200, Deduct	*-14.31*	
		For Up To 10, Add	*31.31*	
		For >10 To 20, Add	*16.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0043	SQ	Aluminum Flakes And Reinforcing Fibers Suspended In Emulsified Asphalt, Reflective Surface Coating, Price Per Coat	175.54	
		Note: Reflective coating for use over smooth-surfaced built-up roofs.		
		For >20 To 40, Add	*11.34*	
		For >75 To 100, Deduct	*-5.67*	
		For >100 To 200, Deduct	*-11.98*	
		For >200, Deduct	*-17.65*	
		For Up To 10, Add	*40.24*	
		For >10 To 20, Add	*21.40*	
07 51 13 00-0044	SQ	100% Acrylic Elastomeric, Reflective Surface Coating, Price Per Coat	177.00	
		Note: Reflective coating for use over built-up, SBS and APP modified bitumen roofs. For use on smooth or granule surfaced roofing systems.		
		For Installation Over Granule Surfaced Asphalt Roof Systems, Add	*52.51*	
		For >20 To 40, Add	*11.42*	
		For >75 To 100, Deduct	*-5.71*	
		For >100 To 200, Deduct	*-12.06*	
		For >200, Deduct	*-17.76*	
		For Up To 10, Add	*40.53*	
		For >10 To 20, Add	*21.55*	
07 51 13 00-0045	SQ	100% Acrylic Elastomeric, Bleed Blocking Base Coating, Price Per Coat	183.01	
		Note: Bleed blocking coating for use over built-up, Styrene-Butadiene-Styrene (SBS) and Atactic-Polypropylene (APP) modified bitumen roofs. For use on smooth or granule surfaced roofing systems.		
		For Installation Over Granule Surfaced Asphalt Roof Systems, Add	*54.49*	
		For >20 To 40, Add	*11.72*	
		For >75 To 100, Deduct	*-5.86*	
		For >100 To 200, Deduct	*-12.36*	
		For >200, Deduct	*-18.21*	
		For Up To 10, Add	*41.73*	
		For >10 To 20, Add	*22.15*	
07 51 13 00-0046	SF	Ceramic Coated Roofing Granules, Hand Broadcast	2.92	
		Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc.		
07 51 13 00-0047	SF	Energy Star, Ceramic Coated UltraWhite Roofing Granules, Hand Broadcast	4.91	
		Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc.		
07 51 13 00-0048	SQ	Vapor Permeable Synthetic Underlayment (GAF Deck-Armor™)	45.15	
07 51 13 00-0049		**Walkway Pads** *(07 51 13 00-0001)*		
		Note: Set in hot asphalt or cold adhesive.		
07 51 13 00-0050	LF	5/16" Thick, 32" Wide, Skid Resistant, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Walkway Pad	36.91	
07 51 13 00-0051	LF	1/2" Thick, 32" Wide, Skid Resistant, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Walkway Pad	43.96	
07 51 13 00-0052		**Cant And Tapered Edge Strips** *(07 51 13 00-0001)*		
07 51 13 00-0053	LF	2" x 2" Perlite Cant Strip	5.15	
07 51 13 00-0054	LF	3" x 3" Perlite Cant Strip	5.31	
07 51 13 00-0055	LF	4" x 4" Perlite Cant Strip	6.08	
07 51 13 00-0056	LF	3" x 3" Pressure Treated Wood Cant Strip, Cut Diagonally	4.98	
07 51 13 00-0057	LF	4" x 4" Pressure Treated Wood Cant Strip, Cut Diagonally	5.14	
07 51 13 00-0058	LF	1/2" x 6" Perlite Tapered Edge Strip	5.76	
07 51 13 00-0059	LF	1/2" x 12" Perlite Tapered Edge Strip	6.65	
07 51 13 00-0060	LF	1" x 12" Perlite Tapered Edge Strip	6.88	
07 51 13 00-0061	LF	1" x 24" Perlite Tapered Edge Strip	7.81	
07 51 13 00-0062	LF	1-1/2" x 12" Perlite Tapered Edge Strip	7.72	
07 51 13 00-0063	LF	1-1/2" x 18" Perlite Tapered Edge Strip	9.38	
07 51 13 00-0064	LF	1-1/2" x 24" Perlite Tapered Edge Strip	10.59	
07 51 13 00-0065		**Asphalt Primer** *(07 51 13 00-0001)*		
07 51 13 00-0066	SQ	Asphalt Primer For Roofing Systems	42.05	
		Note: Foundation coating for hot-mopped and cold applied asphalt coatings, roof cements, and asphalt based roof adhesives. For use on weathered roofing, asphalt, concrete, gypsum, masonry, block, brick and metal surfaces.		
07 51 13 00-0067		**Demolish Built-Up Roofing** *(07 51 13 00-0001)*		
		Note: For removing any asphalt, coal tar or modified bitumen roofing system, including surfacing material down to the insulation or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.).		
07 51 13 00-0068	SQ	Demolish Gravel/Slag Surfaced, Built Up Roofing System		448.88
		For Up To 10, Add		*111.48*
		For >10 To 25, Add		*66.89*
07 51 13 00-0069	SQ	Demolish Cap Sheet Surfaced, Built Up Roofing System		346.28
		Note: Includes protective surfacing.		
		For Up To 10, Add		*86.00*
		For >10 To 25, Add		*51.60*
07 51 13 00-0070		**Roofing System Warranty** *(07 51 13 00-0001)*		
		Note: The warranty tasks below are only to be used in conjunction with the built-up bituminous and modified bituminous membrane roofing sections. The appropriate task is to be applied to the completed roofing membrane systems, not individual components. All warranties are no dollar limit to include material, equipment and labor.		
07 51 13 00-0071	EA	Up To 50 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	670.32	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0072	SQ	>50 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	9.58	
07 51 13 00-0073	EA	Up To 50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	766.08	
07 51 13 00-0074	SQ	>50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	15.32	
07 51 13 00-0075	EA	Up To 50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	1,053.36	
07 51 13 00-0076	SQ	>50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	21.07	

07 51 13 00-0077 Built-Up Roofing Components (Garland) *(07 51 13)*

Note: All tasks presented as a single layer. Adhesives are priced separately.

07 51 13 00-0078 Modified Cap Membranes *(07 51 13 00-0077)*

See CSI section 07 51 13 00-0102 for base membrane.

07 51 13 00-0079 Modified Cap Membranes, Hot/Cold Applied *(07 51 13 00-0078)*

Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.

07 51 13 00-0080	SQ	Stressply® FR Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Fiberglass Reinforced Membrane, Minimum 145 Mil	767.00	
07 51 13 00-0081	SQ	Stressply® Plus Poly/Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Membrane With Recycled Rubber, 105 Mil	549.06	
07 51 13 00-0082	SQ	Stressply® Plus FR Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Fiberglass Reinforced Membrane With Recycled Rubber, Minimum 155 Mil	679.52	
07 51 13 00-0083	SQ	Stressply® E Eco-Responsible, Smooth Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Membrane With High Recycled Content And Renewable Materials	706.07	
07 51 13 00-0084	SQ	Stressply® E FR Mineral Eco-Responsible, Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Membrane With High Recycled Content And Renewable Materials, Minimum 160 Mil	982.59	
07 51 13 00-0085	SQ	Stressply® EUV Fiberglass Reinforced, Minimum Poly/Fiberglass Reinforced White T-24 Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Modified Membrane With Recycled Rubber, 160 Mil	1,104.44	
07 51 13 00-0086	SQ	Versiply® III 80 Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, 80 Mil Note: Low strength cap sheet for hot or cold modified systems used with gravel.	463.82	
07 51 13 00-0087	SQ	Versiply® III Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Minimum 145 Mil	585.78	
07 51 13 00-0088	SQ	BiFlex® Cap Fiberglass Reinforced, Mineral Surfaced Styrene-Butadiene-Styrene (SBS) Modified Membrane, 140 Mil	358.69	

07 51 13 00-0089 Modified Cap Membranes, Self-Adhering *(07 51 13 00-0078)*

Note: As manufactured by Garland. Pricing represents single ply per square. Includes 25 year leak-free warranty.

07 51 13 00-0090	SQ	Stressply® SA FR Mineral Styrene-Butadiene-Styrene (SBS) Modified Self-Adhering Fiberglass Reinforced Membrane, Minimum 140 Mil Note: Self adhering system. One HPR SA FR base with one ply Stress Ply SA FR cap sheet.	694.35	

07 51 13 00-0091 Modified Cap Membranes, Torch-Applied *(07 51 13 00-0078)*

Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.

07 51 13 00-0092	SQ	Stressply® IV Dual Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, 180 Mil Note: Smooth surfaced Styrene-Butadiene-Styrene (SBS) torch modified top ply of torch system with gravel.	854.49	
07 51 13 00-0093	SQ	Stressply® IV Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, Minimum 195 Mil	929.48	
07 51 13 00-0094	SQ	Stressply® IV UV Mineral Fiberglass Reinforced, Starburst Surface Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, Title 24 Compliant, 195 Mil	979.47	
07 51 13 00-0095	SQ	StressPly® IV Plus Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, 180 Mil	895.11	
07 51 13 00-0096	SQ	StressPly® IV Plus Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Mineral Surfaced Membrane, Torch Applied, 195 Mil	948.23	
07 51 13 00-0097	SQ	StressPly® IV Plus UV Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Reflective Mineral Membrane, Torch Applied, 195 Mil	995.10	

07 51 13 00-0098 Modified Cap Membranes, Coal Tar Pitch Systems *(07 51 13 00-0078)*

Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.

07 51 13 00-0099	SQ	Millennium® Poly/Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Membrane, Minimum 120 Mil	786.63	
07 51 13 00-0100	SQ	Millennium® FR Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Fiberglass Reinforced Membrane, Minimum 160 Mil	1,245.04	
07 51 13 00-0101	SQ	Millennium® Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Membrane, Minimum 160 Mil	1,013.84	

07 51 13 00-0102 Base Ply *(07 51 13 00-0077)*

Note: Used with modified cap membranes, underlayment for metal systems, and reinforcement for restoration systems.Includes leak-free warranty based on cap sheet selection. See CSI section 07 51 13 00-0078 for cap membrane.

07 51 13 00-0103	SQ	Flexbase® E120 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet Used As Base Ply With Biflex Cap, 120 Mil	701.38	
07 51 13 00-0104	SQ	Flexbase® 80 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet Used As Base Ply With Biflex Cap, 80 Mil	441.27	
07 51 13 00-0105	SQ	HPR® Glasbase Heavy-Duty Double Coated ASTM D 4601, Type II Fiberglass, Type II, 55 Mil Note: Glasbase used in cold system, nailed to deck, or inner ply 2 plies with cap.	101.40	
07 51 13 00-0106	SQ	HPR® Glasfelt Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type IV, 20 Mil Note: Inner ply felts for hot applied built up and modified BUR systems.	67.34	
07 51 13 00-0107	SQ	HPR® Premium Glasbase High Strength, Double Coated Premium Base Sheet, Far Exceeds ASTM D 4601 Type II, 55 Mil	81.85	
07 51 13 00-0108	SQ	HPR® Premium Glasfelt Premium Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type VI, 25 Mil	88.88	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0109	SQ	HPR® Tribase Premium Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet, 60 Mil	137.52	
		Note: Inner plies for cold applied modified, Styrene-Butadiene-Styrene (SBS) modified, or 2 plies under cap sheet.		
07 51 13 00-0110	SQ	Millennium® Base Poly/Fiberglass Reinforced Coal Tar Base Sheet For Cold Millennium Systems, 80 Mil	446.07	
07 51 13 00-0111	SQ	HPR® SA FR Base Sheet Styrene-Butadiene-Styrene (SBS) Modified Self-Adhering Underlayment Used In SP SA Fiberglass Reinforced Systems, Minimum 80 Mil	385.82	
		Note: Self adhering base ply for self adhering 2 ply system.		
07 51 13 00-0112	SQ	SA Base IV Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With StressPly Cap Sheets, 110 Mil	359.35	
07 51 13 00-0113	SQ	StressBase® 120 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 120 Mil	391.18	
07 51 13 00-0114	SQ	StressBase® 80 Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 80 Mil	324.79	
07 51 13 00-0115	LF	Garmesh® 6" Styrene-Butadiene-Styrene (SBS) Coated Woven Fiberglass Reinforcing Fabric	6.17	
07 51 13 00-0116	LF	Grip Polyester® Firm Polyester Reinforcement Used For Cold Application Over Smooth BUR Or Modified Roof Systems	16.73	
07 51 13 00-0117	SQ	Grip Polyester® Soft Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	78.34	
07 51 13 00-0118	LF	Grip Polyester® Soft 12" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	8.03	
07 51 13 00-0119	LF	Grip Polyester® Soft 4" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	5.86	
07 51 13 00-0120	LF	Grip Polyester® Soft 6" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	6.77	
07 51 13 00-0121	SQ	HPR® Polyscrim Plus Polyester Reinforcement For Hot Bitumen Applications	170.45	
07 51 13 00-0122		**Coatings And Mastics For Roof Installation, Restoration And Repairs** *(07 51 13 00-0077)*		
07 51 13 00-0123	SQ	Water Based Roof Primer, GarlaPrime VOC Primer	50.36	
07 51 13 00-0124	SQ	Black-Knight® Primer	46.69	
07 51 13 00-0125	SQ	Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Interply	188.23	
07 51 13 00-0126	SQ	4-5 GAL/SQ, Cold Process Polymer Modified Coal Tar, Flood Coat (Black-Knight® Cold)	200.07	
07 51 13 00-0127	SQ	6-8 GAL/SQ, Cold Process Polymer Modified Coal Tar, Restoration, Black-Knight® Cold	318.53	
07 51 13 00-0128	SQ	Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Interply	509.55	
07 51 13 00-0129	SQ	Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Flood Coat	525.35	
07 51 13 00-0130	SQ	3 GAL/SQ, Cold Applied Styrene-Butadiene-Styrene (SBS) Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, One Coat, Energizer® K Plus FR	246.09	
07 51 13 00-0131	SQ	Energizer® K Plus FR Cold Applied Styrene-Butadiene-Styrene (SBS) Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, Restoration	406.65	
07 51 13 00-0132	SQ	3 GAL/SQ, Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, One Coat, Energizer® LO	624.66	
07 51 13 00-0133	SQ	Energizer® LO Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, Restoration	1,037.79	
07 51 13 00-0134	SQ	Garlastic® KM Plus Premium Hot Applied, Styrene-Ethylene-Butadiene-Styrene (SEBS) Modified Adhesive/Waterproofer, Interply	435.28	
07 51 13 00-0135	SQ	Garlastic® KM Plus Premium Hot Applied, Styrene-Ethylene-Butadiene-Styrene (SEBS) Modified Adhesive/Waterproofer, Flood Coat	451.08	
07 51 13 00-0136	SQ	Green-Lock® Flashing Adhesive 100% Solids Polyether, Zero VOC, Flashing Adhesive To Be Used With Styrene-Butadiene-Styrene (SBS) Sheets Only	952.38	
07 51 13 00-0137	SQ	Green-Lock® Membrane Adhesive 100% Solids Polyether, Zero VOC, Membrane Adhesive To Be Used With Styrene-Butadiene-Styrene (SBS) Sheets Only	413.43	
07 51 13 00-0138	SQ	HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Interply	203.08	
07 51 13 00-0139	SQ	HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Flood Coat	218.88	
07 51 13 00-0140	SQ	Insul-Lock® E HR Bio-Based High Rise Urethane Insulation Adhesive For New Construction Or Gravel	190.54	
07 51 13 00-0141	SQ	Insul-Lock® HR High Rise Urethane Insulation Adhesive For New Construction Or Gravel Recovers	178.13	
07 51 13 00-0142	SQ	Insul-Lock® HR Universal Primer All-Purpose Water Based Primer Designed For Use With The Insul-Lock Products	23.34	
		Note: Adheres all insulation layers for cold systems.		
07 51 13 00-0143	SQ	Pyramic® Plus LO White, Water-Based Acrylic, Low VOC, Reflective Roof Coating, Energy Star, Top Coat Required	213.41	
07 51 13 00-0144	SQ	Pyramic® Plus LO Base Coat, Water-Based, Acrylic, Low VOC, Base Coating For A Pyramic System	206.91	
07 51 13 00-0145	LF	Silver-Flash® Aluminized Asphalt Fibered Trowel Grade Mastic Used With GarMesh	27.12	
07 51 13 00-0146	SQ	Solex® White, Kynar® Acrylic Topcoat Roof Coating Used With Pyramic Base Coat	275.92	
07 51 13 00-0147	SQ	Tuff-Flash™ Multi-Purpose Asphaltic Polyurethane Liquid Flashing Membrane Used With Reinforcing Fabric	1,592.91	
07 51 13 00-0148	SQ	4-5 GAL/SQ, Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel, Flood Coat, Weatherscreen™	353.43	
07 51 13 00-0149	SQ	Weatherscreen™ Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel	430.60	
07 51 13 00-0150	SQ	Weatherking® Cold Applied Rubber Modified Asphalt Interplay Adhesive For Slopes Up To 3:12, Interply	161.12	
07 51 13 00-0151	SQ	Weatherking® Flashing Adhesive Brush Grade, Cold Applied Asphalt Adhesive For Flashings In A Weatherking System	544.41	
07 51 13 00-0152	SQ	Weatherking® Plus WC Cold Applied Rubber Modified, VOC Compliant Asphalt Interply Adhesive For Slopes Up To 2:12, Interply	159.93	
		Note: Inner ply and flood coat SEBS modified adhesive for all cold systems with gravel.		
07 51 13 00-0153		**Built-Up Roofing Components (Tremco)** *(07 51 13)*		
		Note: All tasks presented as a single layer. Adhesives are priced separately.		
07 51 13 00-0154		**Cold Applied BUR Base Plies And Ply Sheets** *(07 51 13 00-0153)*		
07 51 13 00-0155	SQ	BURmastic Composite Ply, Cold Applied BUR Component	154.70	
		Note: Asphalt coated polyester/glass/polyester trilaminate reinforced ply sheet. Type II. 55 mils. Also used as a hot or cold applied base sheet.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0156	SQ	BURmastic Premium Composite Ply, Cold Applied BUR Component Note: Asphalt coated polyester/glass/polyester trilaminate reinforced high strength ply sheet. Type II. 57 mil. Also used as a hot or cold applied base sheet.	187.47	
07 51 13 00-0157	SQ	BURmastic Supreme Composite Ply, Cold Applied BUR Component Note: Asphalt coated polyester/glass/polyester trilaminate reinforced high strength ply sheet. Type II. 51 mil. Also used as a hot or cold applied base sheet.	215.62	
07 51 13 00-0158	SQ	28 Lb. BURmastic Glass Ply, Cold Applied BUR Component Note: Asphalt coated fiberglass base or ply sheet. Type II.	49.18	
07 51 13 00-0159	SQ	33 Lb. BURmastic Glass Ply, Cold Applied BUR Component Note: Asphalt coated fiberglass base or ply sheet. Type II.	71.14	
07 51 13 00-0160	SQ	POWERply Modified HE Base Sheet, Hot Or Cold Applied BUR Component Note: Smooth surfaced, high elongation polyester reinforced modified bitumen base sheet. Type I, Grade S. 94 mil.	294.37	
07 51 13 00-0161	SQ	POWERply Modified Heavy-Duty Base Sheet, Hot Applied BUR Component Note: A smooth surfaced, non-woven fiberglass/scrim fiberglass bilaminate reinforced modified bitumen membrane. 120 mil.	272.33	

07 51 13 00-0162 Hot Or Cold Applied Modified Bitumen Cap Membrane *(07 51 13 00-0153)*

07 51 13 00-0163	SQ	POWERply Standard Smooth Cap Membrane, Hot Or Cold Applied BUR Component Note: Fiberglass reinforced modified bitumen membrane. Type I, Grade S. 80 mils. Also used as a hot or cold applied ply.	167.21	
07 51 13 00-0164	SQ	POWERply Premium Smooth Cap Membrane, Hot Or Cold Applied BUR Component Note: Polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 90 mils. Also used as a hot or cold applied ply.	441.45	
07 51 13 00-0165	SQ	POWERply Supreme Smooth Cap Membrane, Hot Or Cold Applied BUR Component Note: Polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 98 mils. Also used as a hot or cold applied ply.	729.65	
07 51 13 00-0166	SQ	POWERply Standard Cap Membrane, Hot Or Cold Applied BUR Component Note: Granule surface, fiberglass reinforced modified bitumen cap sheet membrane. 120 mils. Black or white surface.	195.52	
07 51 13 00-0167	SQ	POWERply Standard FR Cap Membrane, Hot Or Cold Applied BUR Component Note: Fire rated, granule surfaced, fiberglass reinforced modified bitumen membrane. Type I, Grade G. 120 mils.	299.38	
07 51 13 00-0168	SQ	POWERply Premium FR Cap Membrane, Hot Or Cold Applied BUR Component Note: Fire rated, granule surfaced, polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 160 mils. Black or white surface.	724.27	
07 51 13 00-0169	SQ	POWERply Standard FR GT24W Cap Membrane, Hot Or Cold Applied BUR Component Note: Highly reflective, fire rated, granule surfaced, fiberglass reinforced modified bitumen membrane meeting California's Title 24 requirements. Type I, Grade G. 120 mils.	527.55	
07 51 13 00-0170	SQ	POWERply HE FR Cap Sheet, Hot Applied BUR Component Note: High elongation, fire rated, granule surfaced, polyester reinforced modified bitumen membrane. 160 mils.	522.17	

07 51 13 00-0171 Self Adhesive Base Plies And Ply Sheets *(07 51 13 00-0153)*

07 51 13 00-0172	SQ	POWERply SA Base Sheet, Self Adhesive Roofing Note: A self adhesive, fiberglass reinforced Styrene-Butadiene-Styrene (SBS) modified bitumen base sheet/underlayment. Type 1, Grade S. 80 mils.	303.32	
07 51 13 00-0173	SQ	POWERply SA FR Membrane, Self Adhesive Roofing Note: A fire rated, granule surfaced, polyester reinforced, self adhesive Styrene-Butadiene-Styrene (SBS) modified bitumen membrane. Type I, Grade G. 130 mils.	601.62	

07 51 13 00-0174 Flashings *(07 51 13 00-0153)*

07 51 13 00-0175	LF	11-1/2" Chlorosulfonated Polyethylene-Hypalon (CSPE) Elastomeric Flashing Note: 45 mils.	19.00	
07 51 13 00-0176	LF	19" Chlorosulfonated Polyethylene-Hypalon (CSPE) Elastomeric Flashing Note: 45 mils.	30.86	
07 51 13 00-0177	LF	25" Chlorosulfonated Polyethylene-Hypalon (CSPE) Elastomeric Flashing Note: 45 mils.	41.00	
07 51 13 00-0178	LF	38" Chlorosulfonated Polyethylene-Hypalon (CSPE) Elastomeric Flashing Note: 45 mils.	60.12	
07 51 13 00-0179	LF	60-1/2" Chlorosulfonated Polyethylene-Hypalon (CSPE) Elastomeric Flashing Note: 45 mils.	99.03	
07 51 13 00-0180	LF	12" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	15.10	
07 51 13 00-0181	LF	18" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	24.62	
07 51 13 00-0182	LF	24" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	32.81	
07 51 13 00-0183	LF	36" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	47.94	
07 51 13 00-0184	LF	60" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	80.69	
07 51 13 00-0185	LF	4" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	4.33	
07 51 13 00-0186	LF	6" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	4.52	
07 51 13 00-0187	LF	12" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	6.34	
07 51 13 00-0188	LF	36" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	16.41	

07 51 13 00-0189 Cold Applied Adhesives *(07 51 13 00-0153)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0190	SQ	BURmastic Inter-Ply Cold Applied Adhesive	189.49	
07 51 13 00-0191	SQ	BURmastic Flood Coat Cold Applied Adhesive	312.30	
07 51 13 00-0192	SQ	BURmastic SF Inter-Ply Cold Applied Adhesive	240.99	
07 51 13 00-0193	SQ	BURmastic LV Inter-Ply Cold Applied Adhesive	189.49	
07 51 13 00-0194	SQ	POWERply Standard Inter-Ply Cold Applied Adhesive	96.68	
07 51 13 00-0195	SQ	POWERply Standard Flood Coat Cold Applied Adhesive	214.07	
07 51 13 00-0196	SQ	POWERply White On White Cold Applied Adhesive	211.27	
07 51 13 00-0197	SQ	Rock-It Cold Applied Adhesive For Gravel Applications	585.83	
07 51 13 00-0198	SQ	FAS-n-FREE Cold Applied Adhesive (Beads 12" OC) Note: For insulation only.	323.67	
07 51 13 00-0199	SQ	ECOLastic Cold Applied Adhesive	364.54	
07 51 13 00-0200		**Hot Applied Adhesives** *(07 51 13 00-0153)*		
07 51 13 00-0201	SQ	Premium III Asphalt Inter-Ply Hot Applied Adhesive	69.21	
07 51 13 00-0202	SQ	Premium III Asphalt Flood Coat Hot Applied Adhesive	127.15	
07 51 13 00-0203		**Flashings Adhesives** *(07 51 13 00-0153)*		
07 51 13 00-0204	LF	Sheeting Bond Flashing Adhesive Note: Used to attach Hypalon sheeting to asphalt or coal-tar roofing membranes.	23.55	
07 51 13 00-0205	LF	Polyroof SF Flashing Mastic Note: A solvent free, one part elastomeric roof mastic. Used to seal edges or as a repair mastic for split or cracked seals.	30.92	
07 51 13 00-0206	LF	ELS Flashing Mastic Note: Used for repairing flashings and asphalt built-up roof defects.	19.12	
07 51 13 00-0207	LF	TremSEAL D General Purpose Sealant	7.30	
07 51 13 00-0208	LF	TremSEAL HP High Performance Sealant	7.49	
07 51 13 00-0209	LF	TremSEAL S Silicone Sealant	7.34	
07 51 13 00-0210		**Surfacing** *(07 51 13 00-0153)*		
07 51 13 00-0211	SQ	TremLastic SP Non-Fibered Elastomeric Emulsion Cold Applied Coating	281.80	
07 51 13 00-0212	SQ	ICE Coating, Water Based, Heavy Bodied Elastomeric Roof Coating	630.83	
07 51 13 00-0213	SQ	Polar Coat	162.97	
07 51 13 00-0214	SQ	Alumanation 301, Asphalt Based, Fibrated Aluminum Roof Coating	199.36	
07 51 13 00-0215	SQ	Wall-Tite, Elastomeric Coating For Exterior Above-Grade Walls	576.91	
07 51 13 00-0216	SQ	Solarguard Hy-Build, Elastomeric Coating For Exterior Above-Grade Walls	263.03	
07 51 13 00-0217	SQ	100% Stitchbonded, Polyester Fabric (Tremco PERMAFAB)	74.29	
07 51 13 00-0218		**Walkway Protection Pads** *(07 51 13 00-0153)*		
07 51 13 00-0219	LF	36" Wide, Fiberglass Reinforced Asphaltic Walkway Protection Pad (Tremco Trem-Tred®)	36.98	
07 51 13 00-0220		**Primer** *(07 51 13 00-0153)*		
07 51 13 00-0221	SQ	TREMprime WB Primer Note: Water based polymer modified asphalt primer.	42.61	
07 51 13 00-0222	SQ	Solarguard Masonry Primer, Acrylic Latex Primer For Wall Tite F Coating	93.28	
07 51 13 00-0223		**Liquid Applied Roofing** *(07 51 13 00-0153)*		
07 51 13 00-0224	SQ	Horizontal Waterproofing (Trem-LAR LRM H) Note: One part liquid applied elastomeric roofing membrane. 60 mils.	479.91	
07 51 13 00-0225	SQ	Vertical Waterproofing (Trem-LAR LRM V) Note: One part liquid applied elastomeric roofing membrane. 60 mils.	489.13	
07 51 13 00-0226	SQ	AlphaGuard BIO Base Coat, High Performance, Two-Part, Polyurethane Roof Coating For Smooth BUR/MB, Concrete Or Single Ply Surfaces Note: Two part liquid applied polyurethane roof coating. 48 mils.	627.19	
07 51 13 00-0227	SQ	AlphaGuard BIO Base Coat, High Performance, Two-Part, Polyurethane Roof Coating For Granule MB Surfaces Note: Two part liquid applied polyurethane roof coating. 64 mils.	815.20	
07 51 13 00-0228	SQ	AlphaGuard BIO Top Coat, High Performance, Two-Part, Polyurethane Roof Coating Note: Two part liquid applied polyurethane roof coating. 32 mils.	476.46	
07 51 13 00-0229	SQ	AlphaGuard Glass Mat Note: Reinforcement mat for AlphaGuard systems.	91.58	
07 51 13 00-0230	SQ	AlphaGuard C-Prime Primer Note: 100% solids epoxy primer for concrete surfaces.	93.56	
07 51 13 00-0231	SQ	AlphaGuard M-Prime Primer Note: Water based primer for metal and plastic surfaces.	100.46	
07 51 13 00-0232	SQ	Geogard Primer Note: Reactivation primer for cured AlphaGuard MT roof systems and coatings.	74.40	
07 51 13 00-0233	SQ	AlphaGuard Primer WB Note: Water based polymer modified primer which conditions a variety of roofing substrates prior to the application of AlphaGuard systems.	67.05	
07 51 13 00-0234		**Atactic-Polypropylene (APP) Products** *(07 51 13 00-0153)*		
07 51 13 00-0235	SQ	POWERply Atactic-Polypropylene (APP) Base Sheet	247.73	
07 51 13 00-0236	SQ	POWERply Atactic-Polypropylene (APP) FR	468.21	
07 51 13 00-0237	SQ	POWERply Atactic-Polypropylene (APP) Smooth	375.24	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0238		**Tri-Polymer Alloy (TPA) White Membrane** *(07 51 13 00-0153)*		
07 51 13 00-0239	SQ	45 Mil Tri-Polymer Alloy (TPA) White Membrane	658.88	
07 51 13 00-0240	SQ	60 Mil Tri-Polymer Alloy (TPA) White Membrane	901.44	
07 51 13 00-0241	SQ	80 Mil Tri-Polymer Alloy (TPA) White Membrane	1,023.20	
07 51 13 00-0242		**Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane** *(07 51 13 00-0153)*		
07 51 13 00-0243	SQ	45 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane	756.42	
07 51 13 00-0244	SQ	60 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane	926.53	
07 51 13 00-0245	SQ	80 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane	1,132.25	
07 51 13 00-0246		**Tri-Polymer Alloy (TPA) Membrane Accessories** *(07 51 13 00-0153)*		
07 51 13 00-0247	EA	>1" To 4" Pipe Diameter, Prefabricated Tri-Polymer Alloy (TPA) Pipe Cone/Boot (Tremco)	135.49	
07 51 13 00-0248	EA	>4" To 8" Pipe Diameter, Prefabricated Tri-Polymer Alloy (TPA) Pipe Cone/Boot (Tremco)	153.86	
07 51 13 00-0249	LF	36" Wide, Thermoplastic Tri-Polymer Alloy (TPA) Walkway Protection Pad (Tremco)	22.50	
07 51 13 00-0250	SQ	Factory Coated Steel Fasteners And Steel Or Plastic Membrane Plates (Tremco)	78.48	
07 51 13 00-0251		**Thermoplastic Polyolefin (TPO) Polyester White Membrane** *(07 51 13 00-0153)*		
07 51 13 00-0252	SQ	45 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane	356.13	
07 51 13 00-0253	SQ	60 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane	360.16	
07 51 13 00-0254	SQ	80 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane	639.16	
07 51 13 00-0255		**Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane** *(07 51 13 00-0153)*		
07 51 13 00-0256	SQ	45 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane	412.69	
07 51 13 00-0257	SQ	60 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane	464.05	
07 51 13 00-0258	SQ	80 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane	673.05	
07 51 13 00-0259		**Chlorosulfonated Polyethylene (CSPE) White Membrane (Tremply HP 4510)** *(07 51 13 00-0153)*		
07 51 13 00-0260	SQ	45 Mil Chlorosulfonated Polyethylene (CSPE) White Membrane (Tremply HP 4510)	1,100.41	
07 51 13 00-0261		**Single Ply Adhesives** *(07 51 13 00-0153)*		
07 51 13 00-0262	SQ	Low VOC, TPA Bonding Adhesive (Tremco)	179.80	
07 51 13 00-0263	SQ	Water Based, TPA Bonding Adhesive (Tremco)	202.81	
07 51 13 00-0264	SQ	Water Based, Fleece Backed Single Ply Bonding Adhesive (Tremco)	176.47	
07 51 13 00-0265	SQ	Low VOC, TPO Bonding Adhesive (Tremco)	118.44	
07 51 13 00-0266		**Warranty (Tremco)** *(07 51 13 00-0153)*		
07 51 13 00-0267	EA	Up To 10,000 SF 15 Year Roofing System Warranty	1,500.00	
07 51 13 00-0268	SF	>10,000 SF 15 Year Roofing System Warranty	0.15	
07 51 13 00-0269	EA	Up To 10,000 SF 20 Year Roofing System Warranty	2,000.00	
07 51 13 00-0270	SF	>10,000 SF 20 Year Roofing System Warranty	0.20	
07 51 13 00-0271		**Built-Up Roofing Components (GAF)** *(07 51 13)*		
07 51 13 00-0272	SQ	75 LB, Base Or Ply Sheet (GAF GAFGLAS®)	48.95	
		For >20 To 40, Add	*4.58*	
		For >75 To 100, Deduct	*-2.29*	
		For >100 To 200, Deduct	*-5.12*	
		For >200, Deduct	*-7.41*	
		For Up To 10, Add	*14.06*	
		For >10 To 20, Add	*8.10*	
07 51 13 00-0273	SQ	Single Ply Sheet, Torch Applied (GAF RUBEROID® Torch Smooth)	180.37	
		For >20 To 40, Add	*13.29*	
		For >75 To 100, Deduct	*-6.65*	
		For >100 To 200, Deduct	*-14.36*	
		For >200, Deduct	*-21.01*	
		For Up To 10, Add	*44.62*	
		For >10 To 20, Add	*24.45*	
07 51 13 00-0274	SQ	Surface Membrane Sheet, Torch Applied (GAF RUBEROID® EnergyCap™ Torch Granule FR)	182.31	
		For >20 To 40, Add	*13.39*	
		For >75 To 100, Deduct	*-6.69*	
		For >100 To 200, Deduct	*-14.46*	
		For >200, Deduct	*-21.15*	
		For Up To 10, Add	*45.01*	
		For >10 To 20, Add	*24.64*	

07 52 Modified Bituminous Membrane Roofing *(07 50)*

07 52 13 Atactic-Polypropylene Modified Bituminous Membrane Roofing *(07 52)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.

07 52 13 11 Cold Adhesive Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing *(07 52 13)*

07 52 13 11-0001 Cold Adhesive Applied Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing *(07 52 13 11)*

Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.

07 52 13 11-0002 Cold Adhesive Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 13 11-0001)*

07 52 13 11-0003	SQ	80 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Sheet, Cold Adhesive Applied	240.01	
		For >20 To 40, Add	*16.27*	
		For >75 To 100, Deduct	*-8.14*	
		For >100 To 200, Deduct	*-17.34*	
		For >200, Deduct	*-25.48*	
		For Up To 10, Add	*56.55*	
		For >10 To 20, Add	*30.41*	
07 52 13 11-0004	SQ	90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied	292.20	
		For >20 To 40, Add	*18.88*	
		For >75 To 100, Deduct	*-9.44*	
		For >100 To 200, Deduct	*-19.95*	
		For >200, Deduct	*-29.39*	
		For Up To 10, Add	*66.99*	
		For >10 To 20, Add	*35.63*	
07 52 13 11-0005	SQ	160 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Cold Adhesive Applied	458.85	
		For >20 To 40, Add	*27.22*	
		For >75 To 100, Deduct	*-13.61*	
		For >100 To 200, Deduct	*-28.29*	
		For >200, Deduct	*-41.89*	
		For Up To 10, Add	*100.32*	
		For >10 To 20, Add	*52.30*	
07 52 13 11-0006	SQ	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	462.92	
		For >20 To 40, Add	*27.83*	
		For >75 To 100, Deduct	*-13.91*	
		For >100 To 200, Deduct	*-29.00*	
		For >200, Deduct	*-42.91*	
		For Up To 10, Add	*101.95*	
		For >10 To 20, Add	*53.31*	
07 52 13 11-0007	SQ	160 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	331.30	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*21.25*	
		For >75 To 100, Deduct	*-10.62*	
		For >100 To 200, Deduct	*-22.42*	
		For >200, Deduct	*-33.04*	
		For Up To 10, Add	*75.62*	
		For >10 To 20, Add	*40.15*	
07 52 13 11-0008	SQ	160 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	384.09	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*23.89*	
		For >75 To 100, Deduct	*-11.94*	
		For >100 To 200, Deduct	*-25.06*	
		For >200, Deduct	*-37.00*	
		For Up To 10, Add	*86.18*	
		For >10 To 20, Add	*45.43*	
07 52 13 11-0009	SQ	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	527.92	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*31.08*	
		For >75 To 100, Deduct	*-15.54*	
		For >100 To 200, Deduct	*-32.25*	
		For >200, Deduct	*-47.79*	
		For Up To 10, Add	*114.95*	
		For >10 To 20, Add	*59.81*	

07 52 13 11-0010 Cold Adhesive Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Flashing *(07 52 13 11-0001)*

07 52 13 11-0011	SF	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied	6.72	
07 52 13 11-0012	SF	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied	10.27	
		For Factory Applied White Reflective Surfacing, Add	*1.11*	

07 52 13 13 Torch-Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing *(07 52 13)*

07 52 13 13-0001 Torch-Applied Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing *(07 52 13 13)*

Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 13 13-0002		Torch-Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 13 13-0001)*		
07 52 13 13-0003	SQ	80 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Sheet, Torch-Applied	173.15	
		For >20 To 40, Add	*12.93*	
		For >75 To 100, Deduct	*-6.46*	
		For >100 To 200, Deduct	*-14.00*	
		For >200, Deduct	*-20.46*	
		For Up To 10, Add	*43.17*	
		For >10 To 20, Add	*23.72*	
07 52 13 13-0004	SQ	90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Torch-Applied	225.34	
		For >20 To 40, Add	*15.54*	
		For >75 To 100, Deduct	*-7.77*	
		For >100 To 200, Deduct	*-16.60*	
		For >200, Deduct	*-24.37*	
		For Up To 10, Add	*53.61*	
		For >10 To 20, Add	*28.94*	
07 52 13 13-0005	SQ	150 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied	271.27	
		For >20 To 40, Add	*19.98*	
		For >75 To 100, Deduct	*-9.99*	
		For >100 To 200, Deduct	*-21.58*	
		For >200, Deduct	*-31.57*	
		For Up To 10, Add	*67.08*	
		For >10 To 20, Add	*36.75*	
07 52 13 13-0006	SQ	160 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied	284.64	
		For >20 To 40, Add	*20.65*	
		For >75 To 100, Deduct	*-10.32*	
		For >100 To 200, Deduct	*-22.25*	
		For >200, Deduct	*-32.57*	
		For Up To 10, Add	*69.75*	
		For >10 To 20, Add	*38.08*	
07 52 13 13-0007	SQ	180 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied	393.05	
		For >20 To 40, Add	*26.07*	
		For >75 To 100, Deduct	*-13.03*	
		For >100 To 200, Deduct	*-27.67*	
		For >200, Deduct	*-40.70*	
		For Up To 10, Add	*91.44*	
		For >10 To 20, Add	*48.92*	
07 52 13 13-0008	SQ	150 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	271.27	
		For >20 To 40, Add	*19.98*	
		For >75 To 100, Deduct	*-9.99*	
		For >100 To 200, Deduct	*-21.58*	
		For >200, Deduct	*-31.57*	
		For Up To 10, Add	*67.08*	
		For >10 To 20, Add	*36.75*	
07 52 13 13-0009	SQ	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	287.98	
		For >20 To 40, Add	*20.81*	
		For >75 To 100, Deduct	*-10.41*	
		For >100 To 200, Deduct	*-22.42*	
		For >200, Deduct	*-32.82*	
		For Up To 10, Add	*70.42*	
		For >10 To 20, Add	*38.42*	
07 52 13 13-0010	SQ	180 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	393.05	
		For >20 To 40, Add	*26.07*	
		For >75 To 100, Deduct	*-13.03*	
		For >100 To 200, Deduct	*-27.67*	
		For >200, Deduct	*-40.70*	
		For Up To 10, Add	*91.44*	
		For >10 To 20, Add	*48.92*	
07 52 13 13-0011	SQ	160 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	281.80	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*20.50*	
		For >75 To 100, Deduct	*-10.25*	
		For >100 To 200, Deduct	*-22.11*	
		For >200, Deduct	*-32.36*	
		For Up To 10, Add	*69.19*	
		For >10 To 20, Add	*37.80*	
07 52 13 13-0012	SQ	170 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	298.00	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*21.31*	
		For >75 To 100, Deduct	*-10.66*	
		For >100 To 200, Deduct	*-22.92*	
		For >200, Deduct	*-33.57*	
		For Up To 10, Add	*72.43*	
		For >10 To 20, Add	*39.42*	
07 52 13 13-0013	SQ	160 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	337.76	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*23.30*	
		For >75 To 100, Deduct	*-11.65*	
		For >100 To 200, Deduct	*-24.90*	
		For >200, Deduct	*-36.55*	
		For Up To 10, Add	*80.38*	
		For >10 To 20, Add	*43.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 13 13-0014	SQ	170 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	342.60	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*23.54*	
		For >75 To 100, Deduct	*-11.77*	
		For >100 To 200, Deduct	*-25.15*	
		For >200, Deduct	*-36.92*	
		For Up To 10, Add	*81.35*	
		For >10 To 20, Add	*43.88*	
07 52 13 13-0015	SQ	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	478.42	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*30.33*	
		For >75 To 100, Deduct	*-15.17*	
		For >100 To 200, Deduct	*-31.94*	
		For >200, Deduct	*-47.10*	
		For Up To 10, Add	*108.51*	
		For >10 To 20, Add	*57.46*	

07 52 13 13-0016 Torch-Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Flashing *(07 52 13 13-0001)*

07 52 13 13-0017	SF	150 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	3.99	
07 52 13 13-0018	SF	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	4.16	
07 52 13 13-0019	SF	180 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	5.21	
07 52 13 13-0020	SF	170 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	4.26	
		For Factory Applied White Reflective Surfacing, Add	*1.11*	
07 52 13 13-0021	SF	170 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	4.70	
		For Factory Applied White Reflective Surfacing, Add	*1.11*	
07 52 13 13-0022	SF	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	6.06	
		For Factory Applied White Reflective Surfacing, Add	*1.11*	

07 52 13 14 Mechanically Fastened Atactic-Polypropylene-Modified Bituminous Membrane Roofing *(07 52 13)*

07 52 13 14-0001 Mechanically Fastened Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing *(07 52 13 14)*

Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.

07 52 13 14-0002 Mechanically Fastened, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base And Ply Sheets *(07 52 13 14-0001)*

07 52 13 14-0003	SQ	90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Mechanically Fastened	256.02	
		For >20 To 40, Add	*14.94*	
		For >75 To 100, Deduct	*-7.47*	
		For >100 To 200, Deduct	*-15.47*	
		For >200, Deduct	*-22.94*	
		For Up To 10, Add	*55.47*	
		For >10 To 20, Add	*28.80*	

07 52 16 Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52)*

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.

07 52 16 11 Cold Adhesive Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

07 52 16 11-0001 Cold Adhesive Applied Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 11)*

Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.

07 52 16 11-0002 Cold Adhesive Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 11-0001)*

07 52 16 11-0003	SQ	50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied	188.91	
		For >20 To 40, Add	*13.72*	
		For >75 To 100, Deduct	*-6.86*	
		For >100 To 200, Deduct	*-14.79*	
		For >200, Deduct	*-21.65*	
		For Up To 10, Add	*46.33*	
		For >10 To 20, Add	*25.30*	
07 52 16 11-0004	SQ	80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied	246.86	
		For >20 To 40, Add	*16.62*	
		For >75 To 100, Deduct	*-8.31*	
		For >100 To 200, Deduct	*-17.69*	
		For >200, Deduct	*-25.99*	
		For Up To 10, Add	*57.92*	
		For >10 To 20, Add	*31.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 11-0005	SQ	90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied	254.34	
		For >20 To 40, Add	*16.99*	
		For >75 To 100, Deduct	*-8.50*	
		For >100 To 200, Deduct	*-18.06*	
		For >200, Deduct	*-26.56*	
		For Up To 10, Add	*59.42*	
		For >10 To 20, Add	*31.85*	
07 52 16 11-0006	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied	346.77	
		For >20 To 40, Add	*21.61*	
		For >75 To 100, Deduct	*-10.81*	
		For >100 To 200, Deduct	*-22.68*	
		For >200, Deduct	*-33.49*	
		For Up To 10, Add	*77.90*	
		For >10 To 20, Add	*41.09*	
07 52 16 11-0007	SQ	125 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Cold Adhesive Applied	440.32	
		For >20 To 40, Add	*26.29*	
		For >75 To 100, Deduct	*-13.15*	
		For >100 To 200, Deduct	*-27.36*	
		For >200, Deduct	*-40.50*	
		For Up To 10, Add	*96.61*	
		For >10 To 20, Add	*50.44*	
07 52 16 11-0008	SQ	140 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	366.85	
		For >20 To 40, Add	*23.02*	
		For >75 To 100, Deduct	*-11.51*	
		For >100 To 200, Deduct	*-24.19*	
		For >200, Deduct	*-35.71*	
		For Up To 10, Add	*82.73*	
		For >10 To 20, Add	*43.71*	
07 52 16 11-0009	SQ	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	376.90	
		For >20 To 40, Add	*23.53*	
		For >75 To 100, Deduct	*-11.76*	
		For >100 To 200, Deduct	*-24.70*	
		For >200, Deduct	*-36.46*	
		For Up To 10, Add	*84.74*	
		For >10 To 20, Add	*44.71*	
07 52 16 11-0010	SQ	125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	329.80	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*21.17*	
		For >75 To 100, Deduct	*-10.59*	
		For >100 To 200, Deduct	*-22.34*	
		For >200, Deduct	*-32.93*	
		For Up To 10, Add	*75.32*	
		For >10 To 20, Add	*40.00*	
07 52 16 11-0011	SQ	140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	334.14	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*21.39*	
		For >75 To 100, Deduct	*-10.69*	
		For >100 To 200, Deduct	*-22.56*	
		For >200, Deduct	*-33.25*	
		For Up To 10, Add	*76.19*	
		For >10 To 20, Add	*40.44*	
07 52 16 11-0012	SQ	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	374.23	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*23.39*	
		For >75 To 100, Deduct	*-11.70*	
		For >100 To 200, Deduct	*-24.56*	
		For >200, Deduct	*-36.26*	
		For Up To 10, Add	*84.21*	
		For >10 To 20, Add	*44.44*	
07 52 16 11-0013	SQ	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	380.91	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*23.73*	
		For >75 To 100, Deduct	*-11.86*	
		For >100 To 200, Deduct	*-24.90*	
		For >200, Deduct	*-36.76*	
		For Up To 10, Add	*85.54*	
		For >10 To 20, Add	*45.11*	
07 52 16 11-0014	SQ	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	439.38	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*26.65*	
		For >75 To 100, Deduct	*-13.33*	
		For >100 To 200, Deduct	*-27.82*	
		For >200, Deduct	*-41.15*	
		For Up To 10, Add	*97.24*	
		For >10 To 20, Add	*50.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 11-0015	SQ	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	545.89	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*31.98*	
		For >75 To 100, Deduct	*-15.99*	
		For >100 To 200, Deduct	*-33.15*	
		For >200, Deduct	*-49.13*	
		For Up To 10, Add	*118.54*	
		For >10 To 20, Add	*61.61*	
07 52 16 11-0016	SQ	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	337.05	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*21.53*	
		For >75 To 100, Deduct	*-10.77*	
		For >100 To 200, Deduct	*-22.70*	
		For >200, Deduct	*-33.47*	
		For Up To 10, Add	*76.77*	
		For >10 To 20, Add	*40.73*	
07 52 16 11-0017	SQ	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	347.50	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*22.06*	
		For >75 To 100, Deduct	*-11.03*	
		For >100 To 200, Deduct	*-23.23*	
		For >200, Deduct	*-34.25*	
		For Up To 10, Add	*78.86*	
		For >10 To 20, Add	*41.77*	
07 52 16 11-0018	SQ	150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	404.30	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*24.90*	
		For >75 To 100, Deduct	*-12.45*	
		For >100 To 200, Deduct	*-26.07*	
		For >200, Deduct	*-38.51*	
		For Up To 10, Add	*90.22*	
		For >10 To 20, Add	*47.45*	
07 52 16 11-0019	SQ	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	405.64	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*24.96*	
		For >75 To 100, Deduct	*-12.48*	
		For >100 To 200, Deduct	*-26.13*	
		For >200, Deduct	*-38.61*	
		For Up To 10, Add	*90.49*	
		For >10 To 20, Add	*47.59*	
07 52 16 11-0020	SQ	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	431.03	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*26.23*	
		For >75 To 100, Deduct	*-13.12*	
		For >100 To 200, Deduct	*-27.40*	
		For >200, Deduct	*-40.52*	
		For Up To 10, Add	*95.57*	
		For >10 To 20, Add	*50.12*	

07 52 16 11-0021 Cold Adhesive Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 11-0001)*

07 52 16 11-0022	SF	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	5.86	
07 52 16 11-0023	SF	125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	5.39	
		For Factory Applied White Reflective Surfacing, Add	*1.11*	
07 52 16 11-0024	SF	140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	5.43	
		For Factory Applied White Reflective Surfacing, Add	*1.11*	
07 52 16 11-0025	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	5.90	
		For Factory Applied White Reflective Surfacing, Add	*1.11*	
07 52 16 11-0026	SF	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	6.48	
		For Factory Applied White Reflective Surfacing, Add	*1.11*	
07 52 16 11-0027	SF	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	7.55	
		For Factory Applied White Reflective Surfacing, Add	*1.11*	
07 52 16 11-0028	SF	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	5.46	
		For Factory Applied White Reflective Surfacing, Add	*1.11*	
07 52 16 11-0029	SF	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	5.56	
		For Factory Applied White Reflective Surfacing, Add	*1.11*	
07 52 16 11-0030	SF	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	6.14	
		For Factory Applied White Reflective Surfacing, Add	*1.11*	
07 52 16 11-0031	SF	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	6.40	
		For Factory Applied White Reflective Surfacing, Add	*1.11*	
07 52 16 11-0032	SF	145 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	8.48	
07 52 16 11-0033	SF	160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	15.99	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 52 16 12 Hot-Mopped Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

07 52 16 12-0001 Hot-Mopped Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 12)*

Note: Includes fiberglass and/or polyester reinforcement. Includes mopping hot asphalt and embedding the membrane.

07 52 16 12-0002 Hot-Mopped, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 12-0001)*

07 52 16 12-0003	SQ	50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped	154.77	
		For >20 To 40, Add	*12.08*	
		For >75 To 100, Deduct	*-6.04*	
		For >100 To 200, Deduct	*-13.16*	
		For >200, Deduct	*-19.20*	
		For Up To 10, Add	*39.64*	
		For >10 To 20, Add	*21.99*	
07 52 16 12-0004	SQ	80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped	212.72	
		For >20 To 40, Add	*14.98*	
		For >75 To 100, Deduct	*-7.49*	
		For >100 To 200, Deduct	*-16.06*	
		For >200, Deduct	*-23.55*	
		For Up To 10, Add	*51.23*	
		For >10 To 20, Add	*27.78*	
07 52 16 12-0005	SQ	90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped	220.20	
		For >20 To 40, Add	*15.35*	
		For >75 To 100, Deduct	*-7.68*	
		For >100 To 200, Deduct	*-16.44*	
		For >200, Deduct	*-24.11*	
		For Up To 10, Add	*52.72*	
		For >10 To 20, Add	*28.53*	
07 52 16 12-0006	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Hot-Mopped	312.64	
		For >20 To 40, Add	*19.97*	
		For >75 To 100, Deduct	*-9.99*	
		For >100 To 200, Deduct	*-21.06*	
		For >200, Deduct	*-31.04*	
		For Up To 10, Add	*71.21*	
		For >10 To 20, Add	*37.78*	
07 52 16 12-0007	SQ	125 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Hot-Mopped	406.19	
		For >20 To 40, Add	*24.65*	
		For >75 To 100, Deduct	*-12.33*	
		For >100 To 200, Deduct	*-25.74*	
		For >200, Deduct	*-38.06*	
		For Up To 10, Add	*89.92*	
		For >10 To 20, Add	*47.13*	
07 52 16 12-0008	SQ	140 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	332.78	
		For >20 To 40, Add	*21.39*	
		For >75 To 100, Deduct	*-10.70*	
		For >100 To 200, Deduct	*-22.58*	
		For >200, Deduct	*-33.28*	
		For Up To 10, Add	*76.07*	
		For >10 To 20, Add	*40.41*	
07 52 16 12-0009	SQ	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	342.84	
		For >20 To 40, Add	*21.90*	
		For >75 To 100, Deduct	*-10.95*	
		For >100 To 200, Deduct	*-23.09*	
		For >200, Deduct	*-34.03*	
		For Up To 10, Add	*78.08*	
		For >10 To 20, Add	*41.42*	
07 52 16 12-0010	SQ	125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	295.73	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*19.54*	
		For >75 To 100, Deduct	*-9.77*	
		For >100 To 200, Deduct	*-20.73*	
		For >200, Deduct	*-30.50*	
		For Up To 10, Add	*68.66*	
		For >10 To 20, Add	*36.71*	
07 52 16 12-0011	SQ	140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	300.07	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*19.76*	
		For >75 To 100, Deduct	*-9.88*	
		For >100 To 200, Deduct	*-20.95*	
		For >200, Deduct	*-30.83*	
		For Up To 10, Add	*69.52*	
		For >10 To 20, Add	*37.14*	
07 52 16 12-0012	SQ	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	340.16	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*21.76*	
		For >75 To 100, Deduct	*-10.88*	
		For >100 To 200, Deduct	*-22.95*	
		For >200, Deduct	*-33.83*	
		For Up To 10, Add	*77.54*	
		For >10 To 20, Add	*41.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 12-0013	SQ	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	346.85	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*22.10*	
		For >75 To 100, Deduct	*-11.05*	
		For >100 To 200, Deduct	*-23.29*	
		For >200, Deduct	*-34.34*	
		For Up To 10, Add	*78.88*	
		For >10 To 20, Add	*41.82*	
07 52 16 12-0014	SQ	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	405.31	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*25.02*	
		For >75 To 100, Deduct	*-12.51*	
		For >100 To 200, Deduct	*-26.21*	
		For >200, Deduct	*-38.72*	
		For Up To 10, Add	*90.57*	
		For >10 To 20, Add	*47.66*	
07 52 16 12-0015	SQ	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	511.83	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*30.35*	
		For >75 To 100, Deduct	*-15.17*	
		For >100 To 200, Deduct	*-31.54*	
		For >200, Deduct	*-46.71*	
		For Up To 10, Add	*111.88*	
		For >10 To 20, Add	*58.32*	
07 52 16 12-0016	SQ	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	302.98	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*19.90*	
		For >75 To 100, Deduct	*-9.95*	
		For >100 To 200, Deduct	*-21.09*	
		For >200, Deduct	*-31.04*	
		For Up To 10, Add	*70.11*	
		For >10 To 20, Add	*37.43*	
07 52 16 12-0017	SQ	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	313.44	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*20.43*	
		For >75 To 100, Deduct	*-10.21*	
		For >100 To 200, Deduct	*-21.62*	
		For >200, Deduct	*-31.83*	
		For Up To 10, Add	*72.20*	
		For >10 To 20, Add	*38.48*	
07 52 16 12-0018	SQ	150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	370.23	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*23.27*	
		For >75 To 100, Deduct	*-11.63*	
		For >100 To 200, Deduct	*-24.46*	
		For >200, Deduct	*-36.09*	
		For Up To 10, Add	*83.56*	
		For >10 To 20, Add	*44.16*	
07 52 16 12-0019	SQ	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	371.57	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*23.33*	
		For >75 To 100, Deduct	*-11.67*	
		For >100 To 200, Deduct	*-24.52*	
		For >200, Deduct	*-36.19*	
		For Up To 10, Add	*83.82*	
		For >10 To 20, Add	*44.29*	
07 52 16 12-0020	SQ	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	396.96	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*24.60*	
		For >75 To 100, Deduct	*-12.30*	
		For >100 To 200, Deduct	*-25.79*	
		For >200, Deduct	*-38.09*	
		For Up To 10, Add	*88.90*	
		For >10 To 20, Add	*46.83*	

07 52 16 12-0021 Hot-Mopped, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 12-0001)*

07 52 16 12-0022	SF	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.66	
07 52 16 12-0023	SF	125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.19	
		For Factory Applied White Reflective Surfacing, Add	*1.11*	
07 52 16 12-0024	SF	140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.23	
		For Factory Applied White Reflective Surfacing, Add	*1.11*	
07 52 16 12-0025	SF	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.63	
		For Factory Applied White Reflective Surfacing, Add	*1.11*	
07 52 16 12-0026	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.70	
		For Factory Applied White Reflective Surfacing, Add	*1.11*	
07 52 16 12-0027	SF	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	6.29	
		For Factory Applied White Reflective Surfacing, Add	*1.11*	
07 52 16 12-0028	SF	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	7.35	
		For Factory Applied White Reflective Surfacing, Add	*1.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 12-0029	SF	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.26	
		For Factory Applied White Reflective Surfacing, Add	*1.11*	
07 52 16 12-0030	SF	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.37	
		For Factory Applied White Reflective Surfacing, Add	*1.11*	
07 52 16 12-0031	SF	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.84	
		For Factory Applied White Reflective Surfacing, Add	*1.11*	
07 52 16 12-0032	SF	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	6.20	
		For Factory Applied White Reflective Surfacing, Add	*1.11*	
07 52 16 12-0033	SF	145 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	8.28	
07 52 16 12-0034	SF	160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	15.79	

07 52 16 13 Torch-Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

07 52 16 13-0001 Torch-Applied Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 13)*

Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.

07 52 16 13-0002 Torch-Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 13-0001)*

07 52 16 13-0003	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Torch-Applied	318.05	
		For >20 To 40, Add	*22.32*	
		For >75 To 100, Deduct	*-11.16*	
		For >100 To 200, Deduct	*-23.92*	
		For >200, Deduct	*-35.08*	
		For Up To 10, Add	*76.44*	
		For >10 To 20, Add	*41.42*	
07 52 16 13-0004	SQ	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	285.64	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*20.70*	
		For >75 To 100, Deduct	*-10.35*	
		For >100 To 200, Deduct	*-22.30*	
		For >200, Deduct	*-32.65*	
		For Up To 10, Add	*69.95*	
		For >10 To 20, Add	*38.18*	
07 52 16 13-0005	SQ	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	323.73	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*22.60*	
		For >75 To 100, Deduct	*-11.30*	
		For >100 To 200, Deduct	*-24.20*	
		For >200, Deduct	*-35.50*	
		For Up To 10, Add	*77.57*	
		For >10 To 20, Add	*41.99*	
07 52 16 13-0006	SQ	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	496.39	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*31.23*	
		For >75 To 100, Deduct	*-15.62*	
		For >100 To 200, Deduct	*-32.84*	
		For >200, Deduct	*-48.45*	
		For Up To 10, Add	*112.10*	
		For >10 To 20, Add	*59.26*	
07 52 16 13-0007	SQ	150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	296.53	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*21.24*	
		For >75 To 100, Deduct	*-10.62*	
		For >100 To 200, Deduct	*-22.84*	
		For >200, Deduct	*-33.46*	
		For Up To 10, Add	*72.13*	
		For >10 To 20, Add	*39.27*	
07 52 16 13-0008	SQ	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	341.44	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*23.49*	
		For >75 To 100, Deduct	*-11.74*	
		For >100 To 200, Deduct	*-25.09*	
		For >200, Deduct	*-36.83*	
		For Up To 10, Add	*81.11*	
		For >10 To 20, Add	*43.76*	
07 52 16 13-0009	SQ	165 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	355.80	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*24.30*	
		For >75 To 100, Deduct	*-12.15*	
		For >100 To 200, Deduct	*-25.93*	
		For >200, Deduct	*-38.08*	
		For Up To 10, Add	*84.19*	
		For >10 To 20, Add	*45.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 13-0010	SQ	180 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	460.61	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*29.54*	
		For >75 To 100, Deduct	*-14.77*	
		For >100 To 200, Deduct	*-31.17*	
		For >200, Deduct	*-45.94*	
		For Up To 10, Add	*105.15*	
		For >10 To 20, Add	*55.83*	

07 52 16 13-0011 Torch-Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 13-0001)*

07 52 16 13-0012	SF	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	4.55	
07 52 16 13-0013	SF	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	4.53	
		For Factory Applied White Reflective Surfacing, Add	*1.11*	
07 52 16 13-0014	SF	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	6.24	
		For Factory Applied White Reflective Surfacing, Add	*1.11*	
07 52 16 13-0015	SF	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	4.73	
		For Factory Applied White Reflective Surfacing, Add	*1.11*	
07 52 16 13-0016	SF	165 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	4.83	
		For Factory Applied White Reflective Surfacing, Add	*1.11*	
07 52 16 13-0017	SF	180 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	5.88	
		For Factory Applied White Reflective Surfacing, Add	*1.11*	
07 52 16 13-0018	SF	150 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	6.11	
07 52 16 13-0019	SF	160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	14.68	

07 52 16 14 Mechanically Fastened Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

07 52 16 14-0001 Mechanically Fastened Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 14)*

Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.

07 52 16 14-0002 Mechanically Fastened, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base And Ply Sheets *(07 52 16 14-0001)*

07 52 16 14-0003	SQ	35 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Mechanically Fastened	198.44	
		For >20 To 40, Add	*12.06*	
		For >75 To 100, Deduct	*-6.03*	
		For >100 To 200, Deduct	*-12.59*	
		For >200, Deduct	*-18.62*	
		For Up To 10, Add	*43.96*	
		For >10 To 20, Add	*23.05*	
07 52 16 14-0004	SQ	50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened	152.72	
		For >20 To 40, Add	*9.77*	
		For >75 To 100, Deduct	*-4.89*	
		For >100 To 200, Deduct	*-10.30*	
		For >200, Deduct	*-15.19*	
		For Up To 10, Add	*34.81*	
		For >10 To 20, Add	*18.47*	
07 52 16 14-0005	SQ	80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened	197.73	
		For >20 To 40, Add	*12.02*	
		For >75 To 100, Deduct	*-6.01*	
		For >100 To 200, Deduct	*-12.56*	
		For >200, Deduct	*-18.57*	
		For Up To 10, Add	*43.82*	
		For >10 To 20, Add	*22.98*	
07 52 16 14-0006	SQ	90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened	247.44	
		For >20 To 40, Add	*14.51*	
		For >75 To 100, Deduct	*-7.25*	
		For >100 To 200, Deduct	*-15.04*	
		For >200, Deduct	*-22.29*	
		For Up To 10, Add	*53.76*	
		For >10 To 20, Add	*27.95*	
07 52 16 14-0007	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Mechanically Fastened	310.59	
		For >20 To 40, Add	*17.66*	
		For >75 To 100, Deduct	*-8.83*	
		For >100 To 200, Deduct	*-18.20*	
		For >200, Deduct	*-27.03*	
		For Up To 10, Add	*66.39*	
		For >10 To 20, Add	*34.26*	

07 52 16 14-0008 Mechanically Fastened, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 14-0001)*

07 52 16 14-0009	SF	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Mechanically Fastened	3.91	
07 52 16 14-0010	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Mechanically Fastened	4.00	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 15		**Self-Adhering Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing** *(07 52 16)*		
07 52 16 15-0001		Self-Adhering Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 15)* Note: Includes fiberglass and/or polyester reinforcement. Includes removing the release film(s) from the membrane and applying the membrane.		
07 52 16 15-0002		Self-Adhering, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 15-0001)*		
07 52 16 15-0003	SQ	60 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering	159.17	
		For >20 To 40, Add	*10.52*	
		For >75 To 100, Deduct	*-5.26*	
		For >100 To 200, Deduct	*-11.16*	
		For >200, Deduct	*-16.43*	
		For Up To 10, Add	*36.96*	
		For >10 To 20, Add	*19.76*	
07 52 16 15-0004	SQ	70 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering	168.65	
		For >20 To 40, Add	*11.00*	
		For >75 To 100, Deduct	*-5.50*	
		For >100 To 200, Deduct	*-11.64*	
		For >200, Deduct	*-17.14*	
		For Up To 10, Add	*38.86*	
		For >10 To 20, Add	*20.71*	
07 52 16 15-0005	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering	284.43	
		For >20 To 40, Add	*16.98*	
		For >75 To 100, Deduct	*-8.49*	
		For >100 To 200, Deduct	*-17.67*	
		For >200, Deduct	*-26.16*	
		For Up To 10, Add	*62.40*	
		For >10 To 20, Add	*32.58*	
07 52 16 15-0006	SQ	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Self-Adhering	339.96	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*19.76*	
		For >75 To 100, Deduct	*-9.88*	
		For >100 To 200, Deduct	*-20.44*	
		For >200, Deduct	*-30.32*	
		For Up To 10, Add	*73.51*	
		For >10 To 20, Add	*38.13*	
07 52 16 15-0007	SQ	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Self-Adhering	503.67	
		For Factory Applied White Reflective Surfacing, Add	*111.04*	
		For >20 To 40, Add	*27.94*	
		For >75 To 100, Deduct	*-13.97*	
		For >100 To 200, Deduct	*-28.63*	
		For >200, Deduct	*-42.60*	
		For Up To 10, Add	*106.25*	
		For >10 To 20, Add	*54.50*	
07 52 16 15-0008		Self-Adhering, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 15-0001)*		
07 52 16 15-0009	SF	70 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering	4.50	
07 52 16 15-0010	SF	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering	5.04	
		For Factory Applied White Reflective Surfacing, Add	*1.11*	
07 52 16 15-0011	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering	6.68	
		For Factory Applied White Reflective Surfacing, Add	*1.11*	
07 53		**Elastomeric Membrane Roofing** *(07 50)* Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper.		
07 53 16		**Chlorosulfonate-Polyethylene Roofing** *(07 53)*		
07 53 16 00-0001		Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membranes *(07 53 16)* Note: Includes hot air welding or adhesive bonding of seams.		
07 53 16 00-0002	SQ	45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Fully Adhered Note: Includes adhesive.	610.10	102.60
		For 15 Year Warranty, Add	*3.00*	
		For >20 To 40, Add	*51.03*	
		For >75 To 100, Deduct	*-25.51*	
		For >100 To 200, Deduct	*-56.16*	
		For >200, Deduct	*-81.67*	
		For Up To 10, Add	*163.06*	
		For >10 To 20, Add	*91.79*	
07 53 16 00-0003	SQ	45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Ballasted Note: Includes ballast.	453.56	51.30
		For 15 Year Warranty, Add	*3.00*	
		For >20 To 40, Add	*32.94*	
		For >75 To 100, Deduct	*-16.47*	
		For >100 To 200, Deduct	*-35.50*	
		For >200, Deduct	*-51.97*	
		For Up To 10, Add	*111.23*	
		For >10 To 20, Add	*60.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 16 00-0004	SQ	45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	488.18	76.95
		For 15 Year Warranty, Add	*3.00*	
		For Mechanically Fastened To Concrete Decks, Add	*38.48*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*39.83*	
		For >20 To 40, Add	*39.80*	
		For >75 To 100, Deduct	*-19.90*	
		For >100 To 200, Deduct	*-43.65*	
		For >200, Deduct	*-63.55*	
		For Up To 10, Add	*128.42*	
		For >10 To 20, Add	*71.90*	

07 53 23 Ethylene-Propylene-Diene-Monomer Roofing *(07 53)*

07 53 23 00-0001 Ethylene Propylene Diene Monomer (EPDM) Roofing Membranes *(07 53 23)*

Note: Includes splicing of seams using adhesive or seam tape. Black ethylene propylene diene monomer (EPDM).

07 53 23 00-0002	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted Note: Includes ballast.	304.85	51.30
		For 15 Year Warranty, Add	*3.00*	
		For Low Slope Fire Rated, Add	*8.92*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*26.94*	
		For >20 To 40, Add	*25.50*	
		For >75 To 100, Deduct	*-12.75*	
		For >100 To 200, Deduct	*-28.07*	
		For >200, Deduct	*-40.82*	
		For Up To 10, Add	*81.49*	
		For >10 To 20, Add	*45.88*	
07 53 23 00-0003	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted Note: Includes ballast.	387.95	54.51
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.92*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*26.94*	
		For >20 To 40, Add	*30.30*	
		For >75 To 100, Deduct	*-15.15*	
		For >100 To 200, Deduct	*-33.02*	
		For >200, Deduct	*-48.17*	
		For Up To 10, Add	*99.39*	
		For >10 To 20, Add	*55.15*	
07 53 23 00-0004	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted Note: Includes ballast.	515.06	57.71
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.92*	
		For >20 To 40, Add	*37.30*	
		For >75 To 100, Deduct	*-18.65*	
		For >100 To 200, Deduct	*-40.18*	
		For >200, Deduct	*-58.83*	
		For Up To 10, Add	*126.10*	
		For >10 To 20, Add	*68.82*	
07 53 23 00-0005	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, (40%) Partially Adhered Note: Includes adhesive and fasteners.	365.08	76.95
		For 15 Year Warranty, Add	*3.00*	
		For Low Slope Fire Rated, Add	*8.92*	
		For Low VOC Adhesive, Add	*35.30*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*26.94*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*85.13*	
		For Integral Polyester Fleece-Backing, Add	*121.59*	
		For >20 To 40, Add	*33.64*	
		For >75 To 100, Deduct	*-16.82*	
		For >100 To 200, Deduct	*-37.49*	
		For >200, Deduct	*-54.31*	
		For Up To 10, Add	*103.80*	
		For >10 To 20, Add	*59.59*	
07 53 23 00-0006	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, (40%) Partially Adhered Note: Includes adhesive and fasteners.	448.18	80.16
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.92*	
		For Low VOC Adhesive, Add	*35.30*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*26.94*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*85.13*	
		For Integral Polyester Fleece-Backing, Add	*134.67*	
		For >20 To 40, Add	*38.44*	
		For >75 To 100, Deduct	*-19.22*	
		For >100 To 200, Deduct	*-42.45*	
		For >200, Deduct	*-61.67*	
		For Up To 10, Add	*121.70*	
		For >10 To 20, Add	*68.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 23 00-0007	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, (40%) Partially Adhered Note: Includes adhesive and fasteners.	575.29	83.36
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.92*	
		For Low VOC Adhesive, Add	*35.30*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*85.13*	
		For Integral Polyester Fleece-Backing, Add	*148.94*	
		For >20 To 40, Add	*45.44*	
		For >75 To 100, Deduct	*-22.72*	
		For >100 To 200, Deduct	*-49.61*	
		For >200, Deduct	*-72.32*	
		For Up To 10, Add	*148.40*	
		For >10 To 20, Add	*82.54*	
07 53 23 00-0008	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered Note: Includes adhesive and fasteners.	480.92	102.60
		For 15 Year Warranty, Add	*3.00*	
		For Low Slope Fire Rated, Add	*8.92*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*26.94*	
		For Low VOC Adhesive, Add	*88.25*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*85.13*	
		For Integral Polyester Fleece-Backing, Add	*121.59*	
		For >20 To 40, Add	*44.57*	
		For >75 To 100, Deduct	*-22.28*	
		For >100 To 200, Deduct	*-49.70*	
		For >200, Deduct	*-71.98*	
		For Up To 10, Add	*137.22*	
		For >10 To 20, Add	*78.87*	
07 53 23 00-0009	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered Note: Includes adhesive and fasteners.	564.01	105.81
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.92*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*26.94*	
		For Low VOC Adhesive, Add	*88.25*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*85.13*	
		For Integral Polyester Fleece-Backing, Add	*134.67*	
		For >20 To 40, Add	*49.36*	
		For >75 To 100, Deduct	*-24.68*	
		For >100 To 200, Deduct	*-54.65*	
		For >200, Deduct	*-79.33*	
		For Up To 10, Add	*155.12*	
		For >10 To 20, Add	*88.14*	
07 53 23 00-0010	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered Note: Includes adhesive and fasteners.	691.12	109.01
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.92*	
		For Low VOC Adhesive, Add	*88.25*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*85.13*	
		For Integral Polyester Fleece-Backing, Add	*148.94*	
		For >20 To 40, Add	*56.36*	
		For >75 To 100, Deduct	*-28.18*	
		For >100 To 200, Deduct	*-61.81*	
		For >200, Deduct	*-89.99*	
		For Up To 10, Add	*181.83*	
		For >10 To 20, Add	*101.82*	
07 53 23 00-0011	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	339.22	76.95
		For 15 Year Warranty, Add	*3.00*	
		For Low Slope Fire Rated, Add	*8.92*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*26.94*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*85.13*	
		For Mechanically Fastened To Concrete Decks, Add	*38.48*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*39.83*	
		For >20 To 40, Add	*32.35*	
		For >75 To 100, Deduct	*-16.18*	
		For >100 To 200, Deduct	*-36.20*	
		For >200, Deduct	*-52.37*	
		For Up To 10, Add	*98.62*	
		For >10 To 20, Add	*57.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 23 00-0012	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	422.32	80.16
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.92*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*26.94*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*85.13*	
		For Mechanically Fastened To Concrete Decks, Add	*40.08*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*41.43*	
		For >20 To 40, Add	*37.15*	
		For >75 To 100, Deduct	*-18.57*	
		For >100 To 200, Deduct	*-41.15*	
		For >200, Deduct	*-59.73*	
		For Up To 10, Add	*116.53*	
		For >10 To 20, Add	*66.28*	
07 53 23 00-0013	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	549.43	83.36
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.92*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*85.13*	
		For Mechanically Fastened To Concrete Decks, Add	*41.68*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*43.03*	
		For >20 To 40, Add	*44.14*	
		For >75 To 100, Deduct	*-22.07*	
		For >100 To 200, Deduct	*-48.31*	
		For >200, Deduct	*-70.39*	
		For Up To 10, Add	*143.23*	
		For >10 To 20, Add	*79.95*	

07 53 23 00-0014 Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane Accessories *(07 53 23)*

07 53 23 00-0015	SQ	Acrylic, Ethylene Propylene Diene Monomer (EPDM) Roofing Primer, Price Per Coat	77.84	
		For >20 To 40, Add	*6.46*	
		For >75 To 100, Deduct	*-3.23*	
		For >100 To 200, Deduct	*-7.10*	
		For >200, Deduct	*-10.33*	
		For Up To 10, Add	*20.70*	
		For >10 To 20, Add	*11.63*	
07 53 23 00-0016	SQ	Acrylic Elastomeric, Surface Or Base Coating For Ethylene Propylene Diene Monomer (EPDM) Roofing, Price Per Coat Note: 55% solids by volume.	80.45	
		For >20 To 40, Add	*6.59*	
		For >75 To 100, Deduct	*-3.29*	
		For >100 To 200, Deduct	*-7.23*	
		For >200, Deduct	*-10.52*	
		For Up To 10, Add	*21.22*	
		For >10 To 20, Add	*11.89*	
07 53 23 00-0017	EA	Up To 4" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	49.72	12.18
07 53 23 00-0018	EA	>4" To 8" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	70.31	12.18
07 53 23 00-0019	EA	>8" To 13" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	129.76	12.18
07 53 23 00-0020	EA	6" Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Penetration Pocket Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.	171.64	13.47
07 53 23 00-0021	LF	30" Wide, Ethylene Propylene Diene Monomer (EPDM) Walkway Protection Pad Note: Includes factory installed peel and stick adhesive tape.	38.33	7.44
07 53 23 00-0022	SF	Ethylene Propylene Diene Monomer (EPDM) Membrane Base Flashing	7.36	1.92
07 53 23 00-0023	SF	Ethylene Propylene Diene Monomer (EPDM) Membrane Curb Flashing	9.28	2.89

07 53 29 Polyisobutylene Roofing *(07 53)*

07 53 29 00-0001 Polyisobutylene (PIB) Roofing Membranes *(07 53 29)*

Note: Includes integral polyester fleece-backing. Includes splicing of seams using adhesive or seam tape.

07 53 29 00-0002	SQ	100 Mil, Single Ply PIB Roofing Membrane, Ballasted Note: Includes ballast.	560.08	57.71
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For >20 To 40, Add	*39.55*	
		For >75 To 100, Deduct	*-19.77*	
		For >100 To 200, Deduct	*-42.43*	
		For >200, Deduct	*-62.21*	
		For Up To 10, Add	*135.10*	
		For >10 To 20, Add	*73.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 29 00-0003	SQ	100 Mil, Single Ply PIB Roofing Membrane, (40%) Partially Adhered Note: Includes adhesive.	628.55	83.36
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For >20 To 40, Add	*48.10*	
		For >75 To 100, Deduct	*-24.05*	
		For >100 To 200, Deduct	*-52.27*	
		For >200, Deduct	*-76.32*	
		For Up To 10, Add	*159.06*	
		For >10 To 20, Add	*87.86*	
07 53 29 00-0004	SQ	100 Mil, Single Ply PIB Roofing Membrane, Fully Adhered Note: Includes adhesive.	756.75	109.01
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For >20 To 40, Add	*59.64*	
		For >75 To 100, Deduct	*-29.82*	
		For >100 To 200, Deduct	*-65.09*	
		For >200, Deduct	*-94.91*	
		For Up To 10, Add	*194.96*	
		For >10 To 20, Add	*108.38*	

07 54 Thermoplastic Membrane Roofing *(07 50)*

Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper.

07 54 19 Polyvinyl-Chloride Roofing *(07 54)*

07 54 19 00-0001 Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes *(07 54 19)*

Note: Includes polyester fabric reinforcement and hot air welding of seams. RPVC membranes meet or exceed all of the requirements of ASTM D4434 Type III.

07 54 19 00-0002	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted Note: Includes ballast.	274.46	51.30
		For 15 Year Warranty, Add	*3.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*50.88*	
		For >20 To 40, Add	*23.98*	
		For >75 To 100, Deduct	*-11.99*	
		For >100 To 200, Deduct	*-26.55*	
		For >200, Deduct	*-38.54*	
		For Up To 10, Add	*75.41*	
		For >10 To 20, Add	*42.84*	
07 54 19 00-0003	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted Note: Includes ballast.	307.47	54.51
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*50.88*	
		For >20 To 40, Add	*26.27*	
		For >75 To 100, Deduct	*-13.14*	
		For >100 To 200, Deduct	*-29.00*	
		For >200, Deduct	*-42.14*	
		For Up To 10, Add	*83.30*	
		For >10 To 20, Add	*47.10*	
07 54 19 00-0004	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted Note: Includes ballast.	344.68	56.11
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*50.88*	
		For >20 To 40, Add	*28.46*	
		For >75 To 100, Deduct	*-14.23*	
		For >100 To 200, Deduct	*-31.26*	
		For >200, Deduct	*-45.49*	
		For Up To 10, Add	*91.38*	
		For >10 To 20, Add	*51.30*	
07 54 19 00-0005	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted Note: Includes ballast.	362.67	57.71
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*50.88*	
		For >20 To 40, Add	*29.68*	
		For >75 To 100, Deduct	*-14.84*	
		For >100 To 200, Deduct	*-32.56*	
		For >200, Deduct	*-47.40*	
		For Up To 10, Add	*95.62*	
		For >10 To 20, Add	*53.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0006	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered Note: Includes adhesive.	510.99	102.60
		For 15 Year Warranty, Add	*3.00*	
		For Colors, Add	*26.00*	
		For Low VOC Adhesive, Add	*91.39*	
		For Integral Polyester Fleece-Backing, Add	*50.88*	
		For >20 To 40, Add	*46.07*	
		For >75 To 100, Deduct	*-23.03*	
		For >100 To 200, Deduct	*-51.20*	
		For >200, Deduct	*-74.23*	
		For Up To 10, Add	*143.24*	
		For >10 To 20, Add	*81.88*	
07 54 19 00-0007	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered Note: Includes adhesive.	544.01	105.81
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Low VOC Adhesive, Add	*91.39*	
		For Integral Polyester Fleece-Backing, Add	*50.88*	
		For >20 To 40, Add	*48.36*	
		For >75 To 100, Deduct	*-24.18*	
		For >100 To 200, Deduct	*-53.65*	
		For >200, Deduct	*-77.83*	
		For Up To 10, Add	*151.12*	
		For >10 To 20, Add	*86.14*	
07 54 19 00-0008	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered Note: Includes adhesive.	581.22	107.41
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Low VOC Adhesive, Add	*91.39*	
		For Integral Polyester Fleece-Backing, Add	*50.88*	
		For >20 To 40, Add	*50.54*	
		For >75 To 100, Deduct	*-25.27*	
		For >100 To 200, Deduct	*-55.91*	
		For >200, Deduct	*-81.19*	
		For Up To 10, Add	*159.21*	
		For >10 To 20, Add	*90.35*	
07 54 19 00-0009	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered Note: Includes adhesive.	599.21	109.01
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Low VOC Adhesive, Add	*91.39*	
		For Integral Polyester Fleece-Backing, Add	*50.88*	
		For >20 To 40, Add	*51.76*	
		For >75 To 100, Deduct	*-25.88*	
		For >100 To 200, Deduct	*-57.21*	
		For >200, Deduct	*-83.10*	
		For Up To 10, Add	*163.45*	
		For >10 To 20, Add	*92.63*	
07 54 19 00-0010	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	300.37	76.95
		For 15 Year Warranty, Add	*3.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*50.88*	
		For Mechanically Fastened To Concrete Decks, Add	*38.48*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*39.83*	
		For >20 To 40, Add	*30.41*	
		For >75 To 100, Deduct	*-15.20*	
		For >100 To 200, Deduct	*-34.26*	
		For >200, Deduct	*-49.46*	
		For Up To 10, Add	*90.85*	
		For >10 To 20, Add	*53.12*	
07 54 19 00-0011	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	333.39	80.16
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*50.88*	
		For Mechanically Fastened To Concrete Decks, Add	*40.08*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*41.43*	
		For >20 To 40, Add	*32.70*	
		For >75 To 100, Deduct	*-16.35*	
		For >100 To 200, Deduct	*-36.71*	
		For >200, Deduct	*-53.06*	
		For Up To 10, Add	*98.74*	
		For >10 To 20, Add	*57.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0012	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	370.59	81.76
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*50.88*	
		For Mechanically Fastened To Concrete Decks, Add	*40.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*42.23*	
		For >20 To 40, Add	*34.88*	
		For >75 To 100, Deduct	*-17.44*	
		For >100 To 200, Deduct	*-38.97*	
		For >200, Deduct	*-56.41*	
		For Up To 10, Add	*106.82*	
		For >10 To 20, Add	*61.59*	
07 54 19 00-0013	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	388.58	83.36
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*50.88*	
		For Mechanically Fastened To Concrete Decks, Add	*41.68*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*43.03*	
		For >20 To 40, Add	*36.10*	
		For >75 To 100, Deduct	*-18.05*	
		For >100 To 200, Deduct	*-40.27*	
		For >200, Deduct	*-58.32*	
		For Up To 10, Add	*111.06*	
		For >10 To 20, Add	*63.87*	

07 54 19 00-0014 Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane Accessories *(07 54 19)*

07 54 19 00-0015	SQ	Acrylic, Polyvinyl Chloride (PVC) Roofing Cleaner/Primer, Price Per Coat	77.84	
		For >20 To 40, Add	*6.46*	
		For >75 To 100, Deduct	*-3.23*	
		For >100 To 200, Deduct	*-7.10*	
		For >200, Deduct	*-10.33*	
		For Up To 10, Add	*20.70*	
		For >10 To 20, Add	*11.63*	
07 54 19 00-0016	SQ	Acrylic Elastomeric, Surface Or Base Coating For Polyvinyl Chloride (PVC) Roofing, Price Per Coat Note: 55% solids by volume.	80.45	
		For >20 To 40, Add	*6.59*	
		For >75 To 100, Deduct	*-3.29*	
		For >100 To 200, Deduct	*-7.23*	
		For >200, Deduct	*-10.52*	
		For Up To 10, Add	*21.22*	
		For >10 To 20, Add	*11.89*	
07 54 19 00-0017	EA	Up To 3" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	80.89	10.90
07 54 19 00-0018	EA	>3" To 7" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	113.05	12.18
07 54 19 00-0019	EA	>7" To 12" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	144.26	13.47
07 54 19 00-0020	EA	6" Diameter, Prefabricated Polyvinyl Chloride (PVC) Penetration Pocket Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.	182.94	13.47
07 54 19 00-0021	LF	36" Wide, Polyvinyl Chloride (PVC) Walkway Protection Pad	33.01	7.44
07 54 19 00-0022	SF	Polyvinyl Chloride (PVC) Membrane Base Flashing	8.70	1.92
07 54 19 00-0023	SF	Polyvinyl Chloride (PVC) Membrane Curb Flashing	10.62	2.89
07 54 19 00-0024	SF	Polyvinyl Chloride (PVC) Clad Edge Metal Or Base Flashing Note: 20 Mil polyvinyl chloride (PVC) membrane laminated to 24 gauge galvanized steel.	11.66	1.92

07 54 19 00-0025 Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes (Sika Sarnafil® EnergySmart Roof® Membranes) *(07 54 19)*

07 54 19 00-0026 Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes (Sika Sarnafil® EnergySmart Roof® Membranes) *(07 54 19 00-0025)*

Note: Includes integral fiberglass mat reinforcement and hot air welding of seams. Sarnafil® G410 fully adhered membranes meet or exceed all of the requirements of ASTM D4434 Type II. Sarnafil® S327 mechanically attached membranes meet or exceed all of the requirements of ASTM D4434 Type III.

07 54 19 00-0027	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Fully Adhered Note: Includes adhesive.	681.66	102.60
		For >20 To 40, Add	*54.60*	
		For >75 To 100, Deduct	*-27.30*	
		For >100 To 200, Deduct	*-59.73*	
		For >200, Deduct	*-87.03*	
		For 15 Year Warranty, Add	*5.19*	
		For 20 Year Warranty, Add	*18.18*	
		For 25 Year Warranty, Add	*33.76*	
		For Integral Felt Backing, Add	*90.88*	
		For Up To 10, Add	*177.37*	
		For >10 To 20, Add	*98.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0028	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Fully Adhered	734.97	105.81
		Note: Includes adhesive.		
		For >20 To 40, Add	*57.91*	
		For >75 To 100, Deduct	*-28.95*	
		For >100 To 200, Deduct	*-63.20*	
		For >200, Deduct	*-92.15*	
		For 15 Year Warranty, Add	*5.19*	
		For 20 Year Warranty, Add	*18.18*	
		For 25 Year Warranty, Add	*33.76*	
		For Integral Felt Backing, Add	*90.88*	
		For Up To 10, Add	*189.32*	
		For >10 To 20, Add	*105.24*	
07 54 19 00-0029	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Fully Adhered	788.02	107.41
		Note: Includes adhesive.		
		For >20 To 40, Add	*60.88*	
		For >75 To 100, Deduct	*-30.44*	
		For >100 To 200, Deduct	*-66.25*	
		For >200, Deduct	*-96.70*	
		For 15 Year Warranty, Add	*5.19*	
		For 20 Year Warranty, Add	*18.18*	
		For 25 Year Warranty, Add	*33.76*	
		For Integral Felt Backing, Add	*90.88*	
		For Up To 10, Add	*200.57*	
		For >10 To 20, Add	*111.03*	
07 54 19 00-0030	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Fully Adhered	844.00	109.01
		Note: Includes adhesive.		
		For >20 To 40, Add	*64.00*	
		For >75 To 100, Deduct	*-32.00*	
		For >100 To 200, Deduct	*-69.45*	
		For >200, Deduct	*-101.46*	
		For 15 Year Warranty, Add	*5.19*	
		For 20 Year Warranty, Add	*18.18*	
		For 25 Year Warranty, Add	*33.76*	
		For Integral Felt Backing, Add	*90.88*	
		For Up To 10, Add	*212.41*	
		For >10 To 20, Add	*117.10*	
07 54 19 00-0031	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Mechanically Fastened	555.50	76.95
		Note: Includes fasteners and plates for mechanically fastening to wood or steel decks.		
		For Mechanically Fastened To Concrete Decks, Add	*38.48*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*39.83*	
		For >20 To 40, Add	*43.17*	
		For >75 To 100, Deduct	*-21.58*	
		For >100 To 200, Deduct	*-47.01*	
		For >200, Deduct	*-68.60*	
		For 15 Year Warranty, Add	*5.19*	
		For 20 Year Warranty, Add	*18.18*	
		For 25 Year Warranty, Add	*33.76*	
		For Integral Felt Backing, Add	*90.88*	
		For Mechanically Fastened With Sarnabar, Add	*53.38*	
		For Up To 10, Add	*141.88*	
		For >10 To 20, Add	*78.64*	
07 54 19 00-0032	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Mechanically Fastened	608.81	80.16
		Note: Includes fasteners and plates for mechanically fastening to wood or steel decks.		
		For Mechanically Fastened To Concrete Decks, Add	*40.08*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*41.43*	
		For >20 To 40, Add	*46.47*	
		For >75 To 100, Deduct	*-23.24*	
		For >100 To 200, Deduct	*-50.48*	
		For >200, Deduct	*-73.72*	
		For 15 Year Warranty, Add	*5.19*	
		For 20 Year Warranty, Add	*18.18*	
		For 25 Year Warranty, Add	*33.76*	
		For Integral Felt Backing, Add	*90.88*	
		For Mechanically Fastened With Sarnabar, Add	*53.38*	
		For Up To 10, Add	*153.82*	
		For >10 To 20, Add	*84.93*	
07 54 19 00-0033	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Mechanically Fastened	661.86	81.76
		Note: Includes fasteners and plates for mechanically fastening to wood or steel decks.		
		For Mechanically Fastened To Concrete Decks, Add	*40.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*42.23*	
		For >20 To 40, Add	*49.45*	
		For >75 To 100, Deduct	*-24.72*	
		For >100 To 200, Deduct	*-53.53*	
		For >200, Deduct	*-78.26*	
		For 15 Year Warranty, Add	*5.19*	
		For 20 Year Warranty, Add	*18.18*	
		For 25 Year Warranty, Add	*33.76*	
		For Integral Felt Backing, Add	*90.88*	
		For Mechanically Fastened With Sarnabar, Add	*53.38*	
		For Up To 10, Add	*165.08*	
		For >10 To 20, Add	*90.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0034	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Mechanically Fastened	717.84	83.36
		Note: Includes fasteners and plates for mechanically fastening to wood or steel decks.		
		For Mechanically Fastened To Concrete Decks, Add	*41.68*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*43.03*	
		For >20 To 40, Add	*52.57*	
		For >75 To 100, Deduct	*-26.28*	
		For >100 To 200, Deduct	*-56.73*	
		For >200, Deduct	*-83.02*	
		For 15 Year Warranty, Add	*5.19*	
		For 20 Year Warranty, Add	*18.18*	
		For 25 Year Warranty, Add	*33.76*	
		For Integral Felt Backing, Add	*90.88*	
		For Mechanically Fastened With Sarnabar, Add	*53.38*	
		For Up To 10, Add	*176.91*	
		For >10 To 20, Add	*96.79*	
07 54 19 00-0035		**Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane Accessories (Sika Sarnafil® EnergySmart Roof® Membranes)** *(07 54 19 00-0025)*		
07 54 19 00-0036	LF	3/4" Wide Multi-Purpose Tape (Sika Sarnafil®)	1.53	
07 54 19 00-0037	LF	Roofing Membrane Aluminum Termination Bar (Sika Sarnafil® Sarnastop)	6.69	1.84
		Note: Includes fasteners and caulking.		
07 54 19 00-0038	EA	4-1/2" Diameter, Polyvinyl Chloride (PVC) Membrane Prefabricated Patch (Sika Sarnafil® Sarnacircles)	7.11	1.60
07 54 19 00-0039	LF	8" Polyvinyl Chloride (PVC) Membrane Cover Strip (Sika Sarnafil® Coverstrip)	7.89	1.60
		Note: Includes aluminum tape.		
07 54 19 00-0040	LF	12" Polyvinyl Chloride (PVC) Membrane Cover Strip (Sika Sarnafil® Coverstrip)	7.89	1.60
		Note: Includes aluminum tape.		
07 54 19 00-0041	LF	Surface Mount Vertical Termination Bar (Sika Sarnafil® Sarnareglet)	10.63	2.05
		Note: Includes fasteners, splice plates and caulking.		
07 54 19 00-0042	SF	Polyvinyl Chloride (PVC) Membrane Flashing (Sika Sarnafil® G459)	11.27	1.92
07 54 19 00-0043	SF	Polyvinyl Chloride (PVC) Membrane Flashing (Sika Sarnafil® Detail Membrane)	13.18	2.89
07 54 19 00-0044	SF	Polyvinyl Chloride (PVC) Clad Edge Metal Or Base Flashing (Sika Sarnafil® Sarnaclad)	16.83	1.92
		Note: 20 Mil white polyvinyl chloride (PVC) membrane laminated to 24 gauge galvanized steel.		
		For Colored PVC, Add	*1.88*	
07 54 19 00-0045	LF	39" Wide, 96 Mil, Polyester Reinforced, Polyvinyl Chloride (PVC) Walkway Protection Pad (Sika Sarnafil® Sarnatred -V)	43.69	7.44
07 54 19 00-0046	EA	Up To 3" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot (Sika Sarnafil® Sarnastack)	122.64	10.90
		Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 19 00-0047	EA	>3" To 5" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot (Sika Sarnafil® Sarnastack)	125.21	12.18
		Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 19 00-0048	EA	>5" To 7" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot (Sika Sarnafil® Sarnastack)	127.77	13.47
		Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 19 00-0049	EA	6" Diameter, Seamless Heavy-Duty Aluminum Roof Drain (Sika Sarnafil® Sarnadrain With U-Flow®)	1,705.08	229.54
07 54 19 00-0050	EA	Inside Corner, Prefabricated Polyvinyl Chloride (PVC) Membrane Flashing (Sika Sarnafil® Sarnacorners - Inside)	34.23	
07 54 19 00-0051	EA	Outside Corner, Prefabricated Polyvinyl Chloride (PVC) Membrane Flashing (Sika Sarnafil® Sarnacorners - Outside)	34.23	
07 54 19 00-0052	SQ	9 OZ/SY, Protective Polypropylene Fabric Separation Layer (Sika Sarnafil® Sarnafelt NWP), Loose Laid	85.69	
07 54 19 00-0053	SQ	11 OZ/SY, Protective Polypropylene Fabric Separation Layer (Sika Sarnafil® Sarnafelt), Loose Laid	136.82	
07 54 19 00-0054	SQ	10 Mil, Low Density Polyethylene, Vapor/Air Barrier Sheet (Sika Sarnafil® Sarnavap - 10), Loose Laid	74.10	
07 54 19 00-0055	SQ	32 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Vapor/Air Barrier Sheet (Sika Sarnafil® Sarnavap Self-Adhered), Self-Adhering	213.82	
07 54 19 00-0056		**Snap-On Cover Fascia (Sika Sarnafil® Edge Grip)** *(07 54 19 00-0025)*		
07 54 19 00-0057		**Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip)** *(07 54 19 00-0056)*		
07 54 19 00-0058		**Mill Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip)** *(07 54 19 00-0057)*		
07 54 19 00-0059		**Mill Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip)** *(07 54 19 00-0058)*		
07 54 19 00-0060	LF	8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip)	28.81	3.69
07 54 19 00-0061		**Accessories For Mill Finish, Aluminum Snap-On Cover Fascia Systems** *(07 54 19 00-0058)*		
07 54 19 00-0062	EA	Fascia Overflow Scupper For 8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	184.93	13.66
07 54 19 00-0063	EA	Fascia Spillout Scupper For 8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	184.93	13.66
07 54 19 00-0064	EA	Fascia Downspout Scupper For 8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	227.80	13.66
07 54 19 00-0065	EA	Inside/Outside Miter For 8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	86.96	3.69
07 54 19 00-0066		**KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip)** *(07 54 19 00-0057)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0067		KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) *(07 54 19 00-0066)*		
07 54 19 00-0068	LF	8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip)	33.77	3.69
07 54 19 00-0069		Accessories For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems *(07 54 19 00-0066)*		
07 54 19 00-0070	EA	Fascia Overflow Scupper For 8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	194.83	13.66
07 54 19 00-0071	EA	Fascia Spillout Scupper For 8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	194.83	13.66
07 54 19 00-0072	EA	Fascia Downspout Scupper For 8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	247.60	13.66
07 54 19 00-0073	EA	Inside/Outside Miter For 8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	96.88	3.69
07 54 19 00-0074		Galvanized Steel Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) *(07 54 19 00-0056)*		
07 54 19 00-0075		KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) *(07 54 19 00-0074)*		
07 54 19 00-0076		KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) *(07 54 19 00-0075)*		
07 54 19 00-0077	LF	8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip)	29.96	3.69
07 54 19 00-0078		Accessories For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip) *(07 54 19 00-0075)*		
07 54 19 00-0079	EA	Fascia Overflow Scupper For 8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	187.22	13.66
07 54 19 00-0080	EA	Fascia Spillout Scupper For 8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	187.22	13.66
07 54 19 00-0081	EA	Fascia Downspout Scupper For 8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	232.38	13.66
07 54 19 00-0082	EA	Inside/Outside Miter For 8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	89.25	3.69
07 54 23		**Thermoplastic-Polyolefin Roofing** *(07 54)*		
07 54 23 00-0001		Thermoplastic Polyolefin (TPO) Roofing Membranes *(07 54 23)* Note: Includes polyester fabric reinforcement and hot air welding of seams.		
07 54 23 00-0002	SQ	45 Mil, Single Ply Thermoplastic Polyolefin (TPO) Roofing Membrane, Fully Adhered Note: Includes adhesive.	501.20	102.60
		For 15 Year Warranty, Add	*3.00*	
		For Low VOC Adhesive, Add	*88.25*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
		For >20 To 40, Add	*45.58*	
		For >75 To 100, Deduct	*-22.79*	
		For >100 To 200, Deduct	*-50.71*	
		For >200, Deduct	*-73.50*	
		For Up To 10, Add	*141.28*	
		For >10 To 20, Add	*80.90*	
07 54 23 00-0003	SQ	50 Mil, Single Ply Thermoplastic Polyolefin (TPO) Roofing Membrane, Fully Adhered Note: Includes adhesive.	524.35	104.20
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low VOC Adhesive, Add	*88.25*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
		For >20 To 40, Add	*47.06*	
		For >75 To 100, Deduct	*-23.53*	
		For >100 To 200, Deduct	*-52.27*	
		For >200, Deduct	*-75.80*	
		For Up To 10, Add	*146.55*	
		For >10 To 20, Add	*83.70*	
07 54 23 00-0004	SQ	60 Mil, Single Ply Thermoplastic Polyolefin (TPO) Roofing Membrane, Fully Adhered Note: Includes adhesive.	536.42	105.81
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low VOC Adhesive, Add	*88.25*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
		For >20 To 40, Add	*47.98*	
		For >75 To 100, Deduct	*-23.99*	
		For >100 To 200, Deduct	*-53.27*	
		For >200, Deduct	*-77.26*	
		For Up To 10, Add	*149.61*	
		For >10 To 20, Add	*85.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 23 00-0005	SQ	80 Mil, Single Ply Thermoplastic Polyolefin (TPO) Roofing Membrane, Fully Adhered	690.90	109.01
		Note: Includes adhesive.		
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low VOC Adhesive, Add	*88.25*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
		For >20 To 40, Add	*56.35*	
		For >75 To 100, Deduct	*-28.17*	
		For >100 To 200, Deduct	*-61.80*	
		For >200, Deduct	*-89.97*	
		For Up To 10, Add	*181.79*	
		For >10 To 20, Add	*101.79*	
07 54 23 00-0006	SQ	45 Mil, Single Ply Thermoplastic Polyolefin (TPO) Roofing Membrane, Mechanically Fastened	333.78	76.95
		Note: Includes fasteners.		
		For 15 Year Warranty, Add	*3.00*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
		For Mechanically Fastened To Concrete Decks, Add	*38.48*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*39.83*	
		For >20 To 40, Add	*32.08*	
		For >75 To 100, Deduct	*-16.04*	
		For >100 To 200, Deduct	*-35.93*	
		For >200, Deduct	*-51.97*	
		For Up To 10, Add	*97.54*	
		For >10 To 20, Add	*56.46*	
07 54 23 00-0007	SQ	50 Mil, Single Ply Thermoplastic Polyolefin (TPO) Roofing Membrane, Mechanically Fastened	356.93	78.55
		Note: Includes fasteners.		
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
		For Mechanically Fastened To Concrete Decks, Add	*39.28*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*40.63*	
		For >20 To 40, Add	*33.56*	
		For >75 To 100, Deduct	*-16.78*	
		For >100 To 200, Deduct	*-37.49*	
		For >200, Deduct	*-54.26*	
		For Up To 10, Add	*102.81*	
		For >10 To 20, Add	*59.26*	
07 54 23 00-0008	SQ	60 Mil, Single Ply Thermoplastic Polyolefin (TPO) Roofing Membrane, Mechanically Fastened	369.01	80.16
		Note: Includes fasteners.		
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
		For Mechanically Fastened To Concrete Decks, Add	*40.08*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*41.43*	
		For >20 To 40, Add	*34.48*	
		For >75 To 100, Deduct	*-17.24*	
		For >100 To 200, Deduct	*-38.49*	
		For >200, Deduct	*-55.73*	
		For Up To 10, Add	*105.86*	
		For >10 To 20, Add	*60.95*	
07 54 23 00-0009	SQ	80 Mil, Single Ply Thermoplastic Polyolefin (TPO) Roofing Membrane, Mechanically Fastened	523.48	83.36
		Note: Includes fasteners.		
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
		For Mechanically Fastened To Concrete Decks, Add	*41.68*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*43.03*	
		For >20 To 40, Add	*42.85*	
		For >75 To 100, Deduct	*-21.42*	
		For >100 To 200, Deduct	*-47.02*	
		For >200, Deduct	*-68.44*	
		For Up To 10, Add	*138.04*	
		For >10 To 20, Add	*77.36*	

07 54 23 00-0010 Thermoplastic Polyolefin (TPO) Roofing Membrane Accessories *(07 54 23)*

07 54 23 00-0011	SQ	Acrylic, Thermoplastic Polyolefin (TPO) Roofing Primer, Price Per Coat	92.20	
		For >20 To 40, Add	*7.18*	
		For >75 To 100, Deduct	*-3.59*	
		For >100 To 200, Deduct	*-7.82*	
		For >200, Deduct	*-11.40*	
		For Up To 10, Add	*23.57*	
		For >10 To 20, Add	*13.07*	
07 54 23 00-0012	SQ	Acrylic Elastomeric, Surface Or Base Coating For Thermoplastic Polyolefin (TPO) Roofing, Price Per Coat	80.45	
		Note: 55% solids by volume.		
		For Tan Or Gray Color, Add	*2.74*	
		For >20 To 40, Add	*6.59*	
		For >75 To 100, Deduct	*-3.29*	
		For >100 To 200, Deduct	*-7.23*	
		For >200, Deduct	*-10.52*	
		For Up To 10, Add	*21.22*	
		For >10 To 20, Add	*11.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 23 00-0013	EA	Up To 3" Pipe Diameter, Prefabricated Thermoplastic Polyolefin (TPO) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	69.92	10.90
07 54 23 00-0014	EA	>3" To 8" Pipe Diameter, Prefabricated Thermoplastic Polyolefin (TPO) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	75.55	12.18
07 54 23 00-0015	EA	6" Diameter, Prefabricated Thermoplastic Polyolefin (TPO) Penetration Pocket Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.	137.27	13.47
07 54 23 00-0016	LF	30" Wide, Thermoplastic Polyolefin (TPO) Walkway Protection Pad	32.62	7.44
07 54 23 00-0017	SF	Thermoplastic Polyolefin (TPO) Membrane Base Flashing	9.08	1.92
07 54 23 00-0018	SF	Thermoplastic Polyolefin (TPO) Curb Flashing	8.03	1.92
		For Tan Or Gray Color, Add	*0.11*	
07 54 23 00-0019	SF	Thermoplastic Polyolefin (TPO) Clad Edge Metal Or Base Flashing Note: 20 Mil TPO membrane laminated to 24 gauge galvanized steel.	13.16	1.92

07 55 Protected Membrane Roofing *(07 50)*

07 55 52 Modified Bituminous Protected Membrane Roofing *(07 55)*

07 55 52 13 Atactic-Polypropylene Modified Bituminous Protected Membrane Roofing *(07 55 52)*

See CSI section 07 22 16 00-0000 for roof board insulation, 07 51 13 00-0039 for gravel roof ballast, 07 52 13 00-0000 for atactic-polypropylene modified bituminous membrane roofing.

07 55 52 16 Styrene-Butadiene-Styrene Modified Bituminous Protected Membrane Roofing *(07 55 52)*

See CSI section 07 22 16 00-0000 for roof board insulation, 07 51 13 00-0039 for gravel roof ballast, 07 52 16 00-0000 for styrene-butadiene-styrene modified bituminous membrane roofing.

07 56 Fluid-Applied Roofing *(07 50)*

07 56 00 00-0001 Neoprene/Hypalon (CSM/CR) Liquid Roofing, 5 Coats *(07 56)*

07 56 00 00-0002	SQ	60 Mil 5 Coat Spray-on Neoprene/Hypalon (CSM/CR) Liquid Roofing	1,172.69	171.13
		For Each Additional Coat, Add	*175.90*	

07 56 00 00-0003 Vinyl Spray Liquid Roofing *(07 56)*

07 56 00 00-0004	SQ	2 Mil Vinyl Liquid Roofing	1,113.42	180.34
07 56 00 00-0005	SQ	4 Mil Vinyl Liquid Roofing	1,246.63	201.40

07 56 00 00-0006 Silicone Elastomeric Liquid Roofing *(07 56)*

07 56 00 00-0007	SQ	65% Solids, Silicone Elastomeric Spray-on Roofing, 3 Coats, 16 Mil Per Coat	485.89	103.34
07 56 00 00-0008	SQ	65% Solids, Silicone Elastomeric Rolled-on Roofing, 3 Coats, 16 Mil Per Coat	586.04	103.34
07 56 00 00-0009	SQ	65% Solids, Silicone Elastomeric Brushed-on Roofing, 3 Coats, 16 Mil Per Coat	661.36	103.34

07 56 00 00-0010 High Tensile Elastomeric Roof Coating *(07 56)*

07 56 00 00-0011	SQ	Up To 45 SQ, High Tensile Elastomeric Roof Coating (Roof Mate HT) Note: Includes 20 year warranty	125.16	
07 56 00 00-0012	SQ	> 45 To 100 SQ, High Tensile Elastomeric Roof Coating (Roof Mate HT) Note: Includes 20 year warranty	115.54	
07 56 00 00-0013	SQ	> 100 To 500 SQ, High Tensile Elastomeric Roof Coating (Roof Mate HT) Note: Includes 20 year warranty	104.20	
07 56 00 00-0014	SQ	> 500 SQ, High Tensile Elastomeric Roof Coating (Roof Mate HT) Note: Includes 20 year warranty	93.29	

07 56 00 00-0015 Elastomeric Asphalt/Urethane Liquid Roofing Membrane *(07 56)*

07 56 00 00-0016	SQ	90 Mil, Elastomeric Asphalt/Urethane Liquid Roofing Membrane Note: Includes applying a 30 mil base coat, rolling in a stichbonded polyester reinforcing scrim and applying a 60 mil second coat.	2,018.18	103.34

07 56 00 00-0017 Urethane Liquid Roofing Membrane *(07 56)*

Note: Garland White Knight Energy Star single component urethane restoration system. 10 year warranty. Used for restoration of membrane, built up, metal and modified roofing systems.

07 56 00 00-0018	SQ	Ulti-Mat™ 38" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems	104.10	
07 56 00 00-0019	LF	Ulti-Mat™ 6" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems	6.03	
07 56 00 00-0020	SQ	White-Knight® Premium Multi-Purpose Urethane Restoration Reflective Coating For Metal, Membrane, BUR, Single-Ply (2 GAL/SQ)	396.75	
07 56 00 00-0021	SQ	White-Knight® Metal Primer One Component Metal Primer For Placement Under The White-Knight System	103.03	
07 56 00 00-0022	SQ	White-Knight® Plus High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply	975.72	
07 56 00 00-0023	SQ	White-Knight® Plus Base Coat High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply	1,473.30	
07 56 00 00-0024	SQ	White-Knight® Plus WC High Strength, Multi-Purpose, VOC Compliant, Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply	1,009.36	
07 56 00 00-0025	SQ	White-Star Premium, White Polyurea Restoration Adhesive For Mineral And Smooth Modified And BUR (2 GAL/SQ)	261.95	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 57 Coated Foamed Roofing *(07 50)*

07 57 13 Sprayed Polyurethane Foam Roofing *(07 57)*

Note: Includes power washing. Excludes ballast removal and priming metal surfaces. Excludes walkways.

07 57 13 00-0001 Sprayed Polyurethane Foam Roofing Systems *(07 57 13)*

07 57 13 00-0002 Sprayed Polyurethane Foam Roofing Systems With Acrylic Elastomeric Coating *(07 57 13 00-0001)*

07 57 13 00-0003 Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating *(07 57 13 00-0002)*

Note: Includes UL 790 fire rated 2.8 Lb. density polyurethane foam roofing system with acrylic elastomeric coating. Includes 5 year warranty.

07 57 13 00-0004	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	415.04	63.74
07 57 13 00-0005	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	496.74	68.29
07 57 13 00-0006	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	578.44	72.85
07 57 13 00-0007	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	668.20	77.40
07 57 13 00-0008	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	757.95	81.95
07 57 13 00-0009	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	831.60	86.50
07 57 13 00-0010	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	905.25	91.06
07 57 13 00-0011	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	986.94	95.60
07 57 13 00-0012	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	1,068.65	100.16
07 57 13 00-0013	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	1,150.35	104.72
07 57 13 00-0014	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	1,232.04	109.26

07 57 13 00-0015 Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating *(07 57 13 00-0002)*

Note: Includes UL 790 fire rated 2.8 Lb. density polyurethane foam roofing system with acrylic elastomeric coating. Includes 10 year warranty.

07 57 13 00-0016	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	427.58	63.74
07 57 13 00-0017	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	509.27	68.29
07 57 13 00-0018	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	590.97	72.85
07 57 13 00-0019	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	672.68	77.40
07 57 13 00-0020	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	754.37	81.95
07 57 13 00-0021	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	836.07	86.50
07 57 13 00-0022	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	917.79	91.06
07 57 13 00-0023	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	999.48	95.60
07 57 13 00-0024	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	1,081.18	100.16
07 57 13 00-0025	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	1,162.88	104.72
07 57 13 00-0026	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	1,244.58	109.26

07 57 13 00-0027 Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating *(07 57 13 00-0002)*

Note: Includes UL 790 fire rated 2.8 Lb. density polyurethane foam roofing system with acrylic elastomeric coating. Includes 15 year warranty.

07 57 13 00-0028	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	458.02	63.74
07 57 13 00-0029	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	537.03	68.29
07 57 13 00-0030	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	616.04	72.85
07 57 13 00-0031	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	697.75	77.40
07 57 13 00-0032	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	779.44	81.95
07 57 13 00-0033	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	894.63	86.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 57 13 00-0034	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	1,009.82	91.06
07 57 13 00-0035	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	1,098.32	95.60
07 57 13 00-0036	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	1,186.83	100.16
07 57 13 00-0037	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	1,275.33	104.72
07 57 13 00-0038	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	1,363.83	109.26

07 57 13 00-0039 Sprayed Polyurethane Foam Roofing Systems With Silicone Elastomeric Coating *(07 57 13 00-0001)*

07 57 13 00-0040 Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating *(07 57 13 00-0039)*

Note: Includes UL 790 fire rated 2.8 Lb. density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 5 year warranty.

07 57 13 00-0041	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	466.97	63.74
07 57 13 00-0042	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	555.47	68.29
07 57 13 00-0043	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	643.98	72.85
07 57 13 00-0044	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	732.48	77.40
07 57 13 00-0045	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	820.98	81.95
07 57 13 00-0046	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	909.49	86.50
07 57 13 00-0047	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	998.00	91.06
07 57 13 00-0048	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	1,086.50	95.60
07 57 13 00-0049	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	1,175.01	100.16
07 57 13 00-0050	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	1,263.52	104.72
07 57 13 00-0051	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	1,352.01	109.26

07 57 13 00-0052 Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating *(07 57 13 00-0039)*

Note: Includes UL 790 fire rated 2.8 Lb. density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 10 year warranty.

07 57 13 00-0053	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	484.70	63.74
07 57 13 00-0054	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	573.20	68.29
07 57 13 00-0055	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	661.70	72.85
07 57 13 00-0056	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	750.21	77.40
07 57 13 00-0057	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	838.71	81.95
07 57 13 00-0058	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	927.21	86.50
07 57 13 00-0059	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	1,015.73	91.06
07 57 13 00-0060	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	1,104.23	95.60
07 57 13 00-0061	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	1,192.74	100.16
07 57 13 00-0062	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	1,281.24	104.72
07 57 13 00-0063	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	1,369.74	109.26

07 57 13 00-0064 Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating *(07 57 13 00-0039)*

Note: Includes UL 790 fire rated 2.8 Lb. density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 15 year warranty.

07 57 13 00-0065	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	498.49	63.74
07 57 13 00-0066	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	586.98	68.29
07 57 13 00-0067	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	675.49	72.85
07 57 13 00-0068	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	764.00	77.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 57 13 00-0069	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	852.50	81.95
07 57 13 00-0070	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	941.00	86.50
07 57 13 00-0071	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	1,029.52	91.06
07 57 13 00-0072	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	1,118.02	95.60
07 57 13 00-0073	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	1,206.52	100.16
07 57 13 00-0074	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	1,295.03	104.72
07 57 13 00-0075	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	1,383.53	109.26

07 58 Roll Roofing *(07 50)*

07 58 00 00-0001 Prepared Roll Roofing *(07 58)*

Note: Fastened with roofing nails and roofing cement. Includes fasteners and adhesive. Excludes warranty. See CSI section 07 51 13 00-0033 for underlayment.

07 58 00 00-0002	SQ	Granule Surfaced, 90 Lb., Asphalt Saturated Organic Felt Roll Roofing	288.17	40.78

07 59 Membrane Roofing Termination Bar *(07 50)*

07 59 00 00-0001 Membrane Roofing Termination Bar *(07 59)*

07 59 00 00-0002	LF	Membrane Roofing Termination Bar Note: Includes fasteners and caulking.	5.65	1.84

07 60 Flashing and Sheet Metal *(07)*

07 61 Sheet Metal Roofing *(07 60)*

07 61 13 Standing Seam Sheet Metal Roofing *(07 61)*

07 61 13 00-0001 Standing Seam Concealed Fastener Roofing *(07 61 13)*

07 61 13 00-0002 Copper Standing Seam Concealed Fastener Roofing *(07 61 13 00-0001)*

07 61 13 00-0003	SF	Architectural 16 Ounce Copper Standing Seam Concealed Fastener Roofing	33.14	3.75
		For Steep Roof, Over 6 To 12, Add	*2.25*	
		For 140 MPH Wind Load, Add	*1.26*	
		For Panels <16" Wide, Add	*3.04*	
		For Up To 1,500, Add	*8.29*	
		For >1,500 To 5,000, Add	*4.97*	
		For >5,000 To 10,000, Add	*0.83*	
07 61 13 00-0004	SF	Architectural 18 Ounce Copper Standing Seam Concealed Fastener Roofing	36.28	4.07
		For Steep Roof, Over 6 To 12, Add	*2.44*	
		For 140 MPH Wind Load, Add	*1.38*	
		For Panels <16" Wide, Add	*3.32*	
		For Up To 1,500, Add	*9.07*	
		For >1,500 To 5,000, Add	*5.44*	
		For >5,000 To 10,000, Add	*0.91*	
07 61 13 00-0005	SF	Architectural 20 Ounce Copper Standing Seam Concealed Fastener Roofing	42.63	4.43
		For Steep Roof, Over 6 To 12, Add	*2.66*	
		For 140 MPH Wind Load, Add	*1.56*	
		For Panels <16" Wide, Add	*3.77*	
		For Up To 1,500, Add	*10.66*	
		For >1,500 To 5,000, Add	*6.39*	
		For >5,000 To 10,000, Add	*1.07*	

07 61 13 00-0006 Zinc/Copper Standing Seam Concealed Fastener Roofing *(07 61 13 00-0001)*

07 61 13 00-0007	SF	0.020" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing	38.65	4.07
		For Steep Roof, Over 6 To 12, Add	*2.44*	
		For 140 MPH Wind Load, Add	*1.42*	
		For Panels <16" Wide, Add	*3.44*	
		For Up To 1,500, Add	*9.66*	
		For >1,500 To 5,000, Add	*5.80*	
		For >5,000 To 10,000, Add	*0.97*	
		For Tin/Copper, Deduct	*-0.61*	
07 61 13 00-0008	SF	0.027" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing	46.62	4.24
		For Steep Roof, Over 6 To 12, Add	*2.54*	
		For 140 MPH Wind Load, Add	*1.61*	
		For Panels <16" Wide, Add	*3.90*	
		For Up To 1,500, Add	*11.66*	
		For >1,500 To 5,000, Add	*6.99*	
		For >5,000 To 10,000, Add	*1.17*	
		For Tin/Copper, Deduct	*-0.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 61 13 00-0009	SF	0.032" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing	52.89	4.43
		For Steep Roof, Over 6 To 12, Add	*2.66*	
		For 140 MPH Wind Load, Add	*1.77*	
		For Panels <16" Wide, Add	*4.28*	
		For Up To 1,500, Add	*13.22*	
		For >1,500 To 5,000, Add	*7.93*	
		For >5,000 To 10,000, Add	*1.32*	
		For Tin/Copper, Deduct	*-0.88*	
07 61 13 00-0010	SF	0.040" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing	66.07	4.65
		For Steep Roof, Over 6 To 12, Add	*2.78*	
		For 140 MPH Wind Load, Add	*2.06*	
		For Panels <16" Wide, Add	*5.02*	
		For Up To 1,500, Add	*16.52*	
		For >1,500 To 5,000, Add	*9.91*	
		For >5,000 To 10,000, Add	*1.65*	
		For Tin/Copper, Deduct	*-1.14*	

07 61 13 00-0011 Accessories For Copper Standing Seam Concealed Fastener Roofing *(07 61 13 00-0001)*

07 61 13 00-0012	LF	Ridge Flashing For Copper Standing Seam Concealed Fastener Roofing	137.48	7.75
		For Steep Roof, Over 6 To 12, Add	*5.81*	
		For 140 MPH Wind Load, Add	*4.30*	
07 61 13 00-0013	LF	Eave Flashing For Copper Standing Seam Concealed Fastener Roofing	80.29	7.75
		For Steep Roof, Over 6 To 12, Add	*5.81*	
		For 140 MPH Wind Load, Add	*3.16*	
07 61 13 00-0014	LF	Valley Flashing For Copper Standing Seam Concealed Fastener Roofing	191.56	7.75
		For Steep Roof, Over 6 To 12, Add	*5.81*	
		For 140 MPH Wind Load, Add	*5.38*	
07 61 13 00-0015	LF	Hip Flashing For Copper Standing Seam Concealed Fastener Roofing	141.76	7.75
		For Steep Roof, Over 6 To 12, Add	*5.81*	
		For 140 MPH Wind Load, Add	*4.39*	

07 61 16 Batten Seam Sheet Metal Roofing *(07 61)*

07 61 16 00-0001 Copper Batten Seam Concealed Fastener Roofing *(07 61 16)*

07 61 16 00-0002 Copper Batten Seam Concealed Fastener Roofing *(07 61 16 00-0001)*

07 61 16 00-0003	SF	16 Ounce Copper Batten Seam Concealed Fastener Roofing	40.76	4.43
		For Steep Roof, Over 6 To 12, Add	*2.66*	
		For 140 MPH Wind Load, Add	*1.52*	
		For Panels <16" Wide, Add	*3.68*	
		For Up To 1,500, Add	*10.19*	
		For >1,500 To 5,000, Add	*6.11*	
		For >5,000 To 10,000, Add	*1.02*	
07 61 16 00-0004	SF	18 Ounce Copper Batten Seam Concealed Fastener Roofing	44.96	4.66
		For Steep Roof, Over 6 To 12, Add	*2.79*	
		For 140 MPH Wind Load, Add	*1.64*	
		For Panels <16" Wide, Add	*3.97*	
		For Up To 1,500, Add	*11.24*	
		For >1,500 To 5,000, Add	*6.74*	
		For >5,000 To 10,000, Add	*1.12*	
07 61 16 00-0005	SF	20 Ounce Copper Batten Seam Concealed Fastener Roofing	52.28	4.88
		For Steep Roof, Over 6 To 12, Add	*2.93*	
		For 140 MPH Wind Load, Add	*1.83*	
		For Panels <16" Wide, Add	*4.42*	
		For Up To 1,500, Add	*13.07*	
		For >1,500 To 5,000, Add	*7.84*	
		For >5,000 To 10,000, Add	*1.31*	

07 61 16 00-0006 Zinc/Copper Batten Seam Concealed Fastener Roofing *(07 61 16 00-0001)*

07 61 16 00-0007	SF	0.020" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	41.28	4.07
		For Steep Roof, Over 6 To 12, Add	*2.44*	
		For 140 MPH Wind Load, Add	*1.48*	
		For Panels <16" Wide, Add	*3.57*	
		For Up To 1,500, Add	*10.32*	
		For >1,500 To 5,000, Add	*6.19*	
		For >5,000 To 10,000, Add	*1.03*	
		For Tin/Copper, Deduct	*-0.66*	
07 61 16 00-0008	SF	0.027" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	50.39	4.24
		For Steep Roof, Over 6 To 12, Add	*2.54*	
		For 140 MPH Wind Load, Add	*1.69*	
		For Panels <16" Wide, Add	*4.09*	
		For Up To 1,500, Add	*12.60*	
		For >1,500 To 5,000, Add	*7.56*	
		For >5,000 To 10,000, Add	*1.26*	
		For Tin/Copper, Deduct	*-0.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 61 16 00-0009	SF	0.032" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	56.39	4.43
		For Steep Roof, Over 6 To 12, Add	*2.66*	
		For 140 MPH Wind Load, Add	*1.84*	
		For Panels <16" Wide, Add	*4.46*	
		For Up To 1,500, Add	*14.10*	
		For >1,500 To 5,000, Add	*8.46*	
		For >5,000 To 10,000, Add	*1.41*	
		For Tin/Copper, Deduct	*-0.95*	
07 61 16 00-0010	SF	0.040" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	70.57	4.65
		For Steep Roof, Over 6 To 12, Add	*2.78*	
		For 140 MPH Wind Load, Add	*2.15*	
		For Panels <16" Wide, Add	*5.25*	
		For Up To 1,500, Add	*17.64*	
		For >1,500 To 5,000, Add	*10.59*	
		For >5,000 To 10,000, Add	*1.76*	
		For Tin/Copper, Deduct	*-1.23*	

07 61 19 Flat Seam Sheet Metal Roofing *(07 61)*

07 61 19 00-0001 Copper Flat Seam Concealed Fastener Roofing *(07 61 19)*

07 61 19 00-0002 Copper Flat Seam Concealed Fastener Roofing *(07 61 19 00-0001)*

07 61 19 00-0003	SF	16 Ounce Copper Flat Seam Concealed Fastener Roofing	31.65	4.07
		For Steep Roof, Over 6 To 12, Add	*2.44*	
		For 140 MPH Wind Load, Add	*1.28*	
		For Panels <16" Wide, Add	*3.09*	
		For Up To 1,500, Add	*7.91*	
		For >1,500 To 5,000, Add	*4.75*	
		For >5,000 To 10,000, Add	*0.79*	
07 61 19 00-0004	SF	18 Ounce Copper Flat Seam Concealed Fastener Roofing	34.75	4.24
		For Steep Roof, Over 6 To 12, Add	*2.54*	
		For 140 MPH Wind Load, Add	*1.37*	
		For Panels <16" Wide, Add	*3.31*	
		For Up To 1,500, Add	*8.69*	
		For >1,500 To 5,000, Add	*5.21*	
		For >5,000 To 10,000, Add	*0.87*	
07 61 19 00-0005	SF	20 Ounce Copper Flat Seam Concealed Fastener Roofing	40.13	4.43
		For Steep Roof, Over 6 To 12, Add	*2.66*	
		For 140 MPH Wind Load, Add	*1.51*	
		For Panels <16" Wide, Add	*3.65*	
		For Up To 1,500, Add	*10.03*	
		For >1,500 To 5,000, Add	*6.02*	
		For >5,000 To 10,000, Add	*1.00*	

07 61 19 00-0006 Zinc/Copper Flat Seam Concealed Fastener Roofing *(07 61 19 00-0001)*

07 61 19 00-0007	SF	0.020" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing	36.28	4.07
		For Steep Roof, Over 6 To 12, Add	*2.44*	
		For 140 MPH Wind Load, Add	*1.38*	
		For Panels <16" Wide, Add	*3.32*	
		For Up To 1,500, Add	*9.07*	
		For >1,500 To 5,000, Add	*5.44*	
		For >5,000 To 10,000, Add	*0.91*	
		For Tin/Copper, Deduct	*-0.56*	
07 61 19 00-0008	SF	0.027" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing	44.13	4.24
		For Steep Roof, Over 6 To 12, Add	*2.54*	
		For 140 MPH Wind Load, Add	*1.56*	
		For Panels <16" Wide, Add	*3.78*	
		For Up To 1,500, Add	*11.03*	
		For >1,500 To 5,000, Add	*6.62*	
		For >5,000 To 10,000, Add	*1.10*	
		For Tin/Copper, Deduct	*-0.71*	
07 61 19 00-0009	SF	0.032" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing	49.51	4.43
		For Steep Roof, Over 6 To 12, Add	*2.66*	
		For 140 MPH Wind Load, Add	*1.70*	
		For Panels <16" Wide, Add	*4.11*	
		For Up To 1,500, Add	*12.38*	
		For >1,500 To 5,000, Add	*7.43*	
		For >5,000 To 10,000, Add	*1.24*	
		For Tin/Copper, Deduct	*-0.81*	
07 61 19 00-0010	SF	0.040" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing	61.82	4.65
		For Steep Roof, Over 6 To 12, Add	*2.78*	
		For 140 MPH Wind Load, Add	*1.98*	
		For Panels <16" Wide, Add	*4.81*	
		For Up To 1,500, Add	*15.46*	
		For >1,500 To 5,000, Add	*9.27*	
		For >5,000 To 10,000, Add	*1.55*	
		For Tin/Copper, Deduct	*-1.05*	

07 62 Sheet Metal Flashing and Trim *(07 60)*

07 62 13 Fabricated Copings *(07 62)*

07 62 13 00-0001 Lead Flashing And Trim *(07 62 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 13 00-0002	SF	2.5 Lb./SF, Sheet Lead Flashing	25.20	6.12
		For Up To 100, Add	*6.30*	
07 62 13 00-0003	SF	4 Lb./SF, Sheet Lead Flashing	32.91	6.12
		For Up To 100, Add	*8.23*	
07 62 13 00-0004		Copper Flashing And Trim *(07 62 13)*		
07 62 13 00-0005		Copper Flashing And Trim *(07 62 13 00-0004)*		
07 62 13 00-0006	SF	16 Ounce, 0.021" Thick, Copper Flashing And Trim	29.38	5.98
		For Up To 100, Add	*7.35*	
		For >500 To 2,000, Deduct	*-4.06*	
		For >2,000, Deduct	*-4.93*	
		For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	*2.36*	
		For Wrap Around Window Panning, Add	*11.82*	
07 62 13 00-0007	SF	20 Ounce, 0.027" Thick, Copper Flashing And Trim	30.34	6.12
		For Up To 100, Add	*7.59*	
		For >500 To 2,000, Deduct	*-4.19*	
		For >2,000, Deduct	*-5.09*	
		For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	*2.47*	
		For Wrap Around Window Panning, Add	*12.35*	
07 62 13 00-0008	SF	24 Ounce, 0.032" Thick, Copper Flashing And Trim	34.54	6.53
		For Up To 100, Add	*8.64*	
		For >500 To 2,000, Deduct	*-4.75*	
		For >2,000, Deduct	*-5.83*	
		For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	*2.59*	
		For Wrap Around Window Panning, Add	*12.95*	
07 62 13 00-0009	SF	32 Ounce, 0.043" Thick, Copper Flashing And Trim	42.38	6.80
		For Up To 100, Add	*10.60*	
		For >500 To 2,000, Deduct	*-5.78*	
		For >2,000, Deduct	*-7.22*	
		For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	*2.72*	
		For Wrap Around Window Panning, Add	*13.59*	
07 62 13 00-0010		Stainless Steel Flashing And Trim *(07 62 13)*		
07 62 13 00-0011		Stainless Steel Flashing And Trim *(07 62 13 00-0010)*		
07 62 13 00-0012	SF	32 Gauge, 0.010" Thick, Stainless Steel Flashing And Trim	11.97	3.26
		For Up To 100, Add	*2.99*	
		For Wrap Around Window Panning, Add	*8.39*	
		For Mechanically Keyed Flashing, Add	*1.43*	
07 62 13 00-0013	SF	30 Gauge, 0.0125" Thick, Stainless Steel Flashing And Trim	13.00	3.67
		For Up To 100, Add	*3.25*	
		For Wrap Around Window Panning, Add	*8.53*	
		For Mechanically Keyed Flashing, Add	*1.79*	
07 62 13 00-0014	SF	28 Gauge, 0.0156" Thick, Stainless Steel Flashing And Trim	14.02	4.07
		For Up To 100, Add	*3.51*	
		For Wrap Around Window Panning, Add	*8.66*	
		For Mechanically Keyed Flashing, Add	*2.14*	
07 62 13 00-0015	SF	26 Gauge, 0.0187" Thick, Stainless Steel Flashing And Trim	15.64	4.49
		For Up To 100, Add	*3.91*	
		For Wrap Around Window Panning, Add	*8.94*	
		For Mechanically Keyed Flashing, Add	*2.68*	
07 62 13 00-0016	SF	24 Gauge, 0.025" Thick, Stainless Steel Flashing And Trim	18.37	4.76
		For Up To 100, Add	*4.59*	
		For Wrap Around Window Panning, Add	*9.44*	
		For Mechanically Keyed Flashing, Add	*3.57*	
07 62 13 00-0017	SF	22 Gauge, 0.031" Thick, Stainless Steel Flashing And Trim	20.07	5.00
		For Up To 100, Add	*5.02*	
		For Wrap Around Window Panning, Add	*9.99*	
		For Mechanically Keyed Flashing, Add	*4.03*	
07 62 13 00-0018	SF	20 Gauge, 0.0375" Thick, Stainless Steel Flashing And Trim	21.49	5.30
		For Up To 100, Add	*5.37*	
		For Wrap Around Window Panning, Add	*10.57*	
		For Mechanically Keyed Flashing, Add	*4.37*	
07 62 13 00-0019		Aluminum Flashing And Trim *(07 62 13)*		
07 62 13 00-0020		Aluminum Flashing And Trim *(07 62 13 00-0019)*		
07 62 13 00-0021	SF	0.013" Thick, Mill Finish, Aluminum Flashing And Trim	13.69	4.21
		For Up To 100, Add	*3.42*	
		For Baked Aluminum Colors, Add	*0.43*	
		For Wrap Around Window Panning, Add	*9.37*	
07 62 13 00-0022	SF	0.016" Thick, Mill Finish, Aluminum Flashing And Trim	14.63	4.21
		For Up To 100, Add	*3.66*	
		For Baked Aluminum Colors, Add	*0.53*	
		For Wrap Around Window Panning, Add	*9.37*	
07 62 13 00-0023	SF	0.019" Thick, Mill Finish, Aluminum Flashing And Trim	15.38	4.21
		For Up To 100, Add	*3.85*	
		For Baked Aluminum Colors, Add	*0.60*	
		For Wrap Around Window Panning, Add	*9.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 13 00-0024	SF	0.024" Thick, Mill Finish, Aluminum Flashing And Trim	16.46	4.21
		For Up To 100, Add	*4.12*	
		For Baked Aluminum Colors, Add	*0.71*	
		For Wrap Around Window Panning, Add	*9.37*	
07 62 13 00-0025	SF	0.032" Thick, Mill Finish, Aluminum Flashing And Trim	17.97	4.21
		For Up To 100, Add	*4.49*	
		For Baked Aluminum Colors, Add	*0.86*	
		For Wrap Around Window Panning, Add	*9.37*	
07 62 13 00-0026	SF	0.040" Thick, Mill Finish, Aluminum Flashing And Trim	18.90	4.21
		For Up To 100, Add	*4.73*	
		For Baked Aluminum Colors, Add	*0.95*	
		For Wrap Around Window Panning, Add	*9.37*	
07 62 13 00-0027	SF	0.050" Thick, Mill Finish, Aluminum Flashing And Trim	19.65	4.21
		For Up To 100, Add	*4.91*	
		For Baked Aluminum Colors, Add	*1.03*	
		For Wrap Around Window Panning, Add	*9.37*	
07 62 13 00-0028		Steel Flashing And Trim *(07 62 13)*		
07 62 13 00-0029		Galvanized Steel Flashing And Trim *(07 62 13 00-0028)*		
07 62 13 00-0030	SF	28 Gauge, 0.019" Thick, Galvanized Steel Flashing	13.31	4.07
		For Up To 100, Add	*3.33*	
		For Wrap Around Window Panning, Add	*8.66*	
07 62 13 00-0031	SF	26 Gauge, 0.022" Thick, Galvanized Steel Flashing	13.84	4.49
		For Up To 100, Add	*3.46*	
		For Wrap Around Window Panning, Add	*8.94*	
07 62 13 00-0032	SF	24 Gauge, 0.028" Thick, Galvanized Steel Flashing	14.73	4.76
		For Up To 100, Add	*3.68*	
		For Wrap Around Window Panning, Add	*9.44*	
07 62 13 00-0033	SF	22 Gauge, 0.034" Thick, Galvanized Steel Flashing	15.66	5.00
		For Up To 100, Add	*3.92*	
		For Wrap Around Window Panning, Add	*9.99*	
07 62 13 00-0034	SF	20 Gauge, 0.04" Thick, Galvanized Steel Flashing	16.92	5.30
		For Up To 100, Add	*4.23*	
		For Wrap Around Window Panning, Add	*10.57*	
07 62 19		**Fabricated Gravel Stops and Fasciae** *(07 62)*		
07 62 19 00-0001		Drip Edge *(07 62 19)*		
07 62 19 00-0002		Aluminum Drip Edge *(07 62 19 00-0001)*		
		Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 19 00-0003		KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0002)*		
07 62 19 00-0004		0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0005	LF	Up To 5" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	14.05	2.05
07 62 19 00-0006	LF	>5" To 7" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	17.43	2.19
07 62 19 00-0007	LF	>7" To 9" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	19.67	2.46
07 62 19 00-0008	LF	>9" To 12" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	23.58	2.59
07 62 19 00-0009	LF	>12" To 15" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	30.00	2.73
07 62 19 00-0010		0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0011	LF	Up To 5" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	15.00	2.05
07 62 19 00-0012	LF	>5" To 7" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	18.49	2.19
07 62 19 00-0013	LF	>7" To 9" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	21.25	2.46
07 62 19 00-0014	LF	>9" To 12" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	25.47	2.59
07 62 19 00-0015	LF	>12" To 15" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	31.79	2.73
07 62 19 00-0016		0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0017	LF	Up To 5" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	15.94	2.05
07 62 19 00-0018	LF	>5" To 7" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	19.75	2.19
07 62 19 00-0019	LF	>7" To 9" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	22.77	2.46
07 62 19 00-0020	LF	>9" To 12" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	27.37	2.59
07 62 19 00-0021	LF	>12" To 15" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	34.32	2.73
07 62 19 00-0022		0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0023	LF	Up To 5" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	17.84	2.05
07 62 19 00-0024	LF	>5" To 7" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	22.28	2.19
07 62 19 00-0025	LF	>7" To 9" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	25.78	2.46
07 62 19 00-0026	LF	>9" To 12" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	31.16	2.59
07 62 19 00-0027	LF	>12" To 15" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	39.38	2.73
07 62 19 00-0028		0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0029	LF	Up To 5" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	18.47	2.05
07 62 19 00-0030	LF	>5" To 7" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	23.23	2.19
07 62 19 00-0031	LF	>7" To 9" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	26.78	2.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 19 00-0032	LF	>9" To 12" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	32.43	2.59
07 62 19 00-0033	LF	>12" To 15" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	41.06	2.73
07 62 19 00-0034		**0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge** *(07 62 19 00-0003)*		
07 62 19 00-0035	LF	Up To 5" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	20.68	2.05
07 62 19 00-0036	LF	>5" To 7" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	26.07	2.19
07 62 19 00-0037	LF	>7" To 9" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	30.25	2.46
07 62 19 00-0038	LF	>9" To 12" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	36.85	2.59
07 62 19 00-0039	LF	>12" To 15" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	46.96	2.73
07 62 19 00-0040		**0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge** *(07 62 19 00-0003)*		
07 62 19 00-0041	LF	Up To 5" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	23.84	2.05
07 62 19 00-0042	LF	>5" To 7" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	30.28	2.19
07 62 19 00-0043	LF	>7" To 9" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	35.26	2.46
07 62 19 00-0044	LF	>9" To 12" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	43.17	2.59
07 62 19 00-0045	LF	>12" To 15" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	55.38	2.73
07 62 19 00-0046		**0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge** *(07 62 19 00-0003)*		
07 62 19 00-0047	LF	Up To 5" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	27.64	2.05
07 62 19 00-0048	LF	>5" To 7" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	35.34	2.19
07 62 19 00-0049	LF	>7" To 9" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	41.26	2.46
07 62 19 00-0050	LF	>9" To 12" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	50.75	2.59
07 62 19 00-0051	LF	>12" To 15" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	65.49	2.73
07 62 19 00-0052		**Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0002)*		
07 62 19 00-0053		**0.016" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0052)*		
07 62 19 00-0054	LF	Up To 5" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	11.60	2.05
07 62 19 00-0055	LF	>5" To 7" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	14.10	2.19
07 62 19 00-0056	LF	>7" To 9" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	15.81	2.46
07 62 19 00-0057	LF	>9" To 12" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	18.68	2.59
07 62 19 00-0058	LF	>12" To 15" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	23.24	2.73
07 62 19 00-0059		**0.019" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0052)*		
07 62 19 00-0060	LF	Up To 5" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	12.25	2.05
07 62 19 00-0061	LF	>5" To 7" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	14.83	2.19
07 62 19 00-0062	LF	>7" To 9" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	16.90	2.46
07 62 19 00-0063	LF	>9" To 12" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	19.98	2.59
07 62 19 00-0064	LF	>12" To 15" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	24.47	2.73
07 62 19 00-0065		**0.025" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0052)*		
07 62 19 00-0066	LF	Up To 5" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	12.91	2.05
07 62 19 00-0067	LF	>5" To 7" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	15.70	2.19
07 62 19 00-0068	LF	>7" To 9" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	17.95	2.46
07 62 19 00-0069	LF	>9" To 12" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	21.29	2.59
07 62 19 00-0070	LF	>12" To 15" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	26.21	2.73
07 62 19 00-0071		**0.032" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0052)*		
07 62 19 00-0072	LF	Up To 5" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	14.21	2.05
07 62 19 00-0073	LF	>5" To 7" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	17.44	2.19
07 62 19 00-0074	LF	>7" To 9" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	20.02	2.46
07 62 19 00-0075	LF	>9" To 12" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	23.90	2.59
07 62 19 00-0076	LF	>12" To 15" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	29.70	2.73
07 62 19 00-0077		**0.040" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0052)*		
07 62 19 00-0078	LF	Up To 5" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	14.65	2.05
07 62 19 00-0079	LF	>5" To 7" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	18.09	2.19
07 62 19 00-0080	LF	>7" To 9" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	20.71	2.46
07 62 19 00-0081	LF	>9" To 12" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	24.78	2.59
07 62 19 00-0082	LF	>12" To 15" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	30.86	2.73
07 62 19 00-0083		**0.050" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0052)*		
07 62 19 00-0084	LF	Up To 5" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	16.17	2.05
07 62 19 00-0085	LF	>5" To 7" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	20.05	2.19
07 62 19 00-0086	LF	>7" To 9" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	23.11	2.46
07 62 19 00-0087	LF	>9" To 12" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	27.83	2.59
07 62 19 00-0088	LF	>12" To 15" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	34.93	2.73
07 62 19 00-0089		**0.063" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0052)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 19 00-0090	LF	Up To 5" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	18.35	2.05
07 62 19 00-0091	LF	>5" To 7" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	22.96	2.19
07 62 19 00-0092	LF	>7" To 9" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	26.56	2.46
07 62 19 00-0093	LF	>9" To 12" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	32.19	2.59
07 62 19 00-0094	LF	>12" To 15" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	40.74	2.73
07 62 19 00-0095		**0.080" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0052)*		
07 62 19 00-0096	LF	Up To 5" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	20.97	2.05
07 62 19 00-0097	LF	>5" To 7" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	26.45	2.19
07 62 19 00-0098	LF	>7" To 9" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	30.70	2.46
07 62 19 00-0099	LF	>9" To 12" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	37.42	2.59
07 62 19 00-0100	LF	>12" To 15" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	47.71	2.73
07 62 19 00-0101		**Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0002)*		
07 62 19 00-0102		**0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0101)*		
07 62 19 00-0103	LF	Up To 5" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	14.52	2.05
07 62 19 00-0104	LF	>5" To 7" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	18.08	2.19
07 62 19 00-0105	LF	>7" To 9" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	20.41	2.46
07 62 19 00-0106	LF	>9" To 12" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	24.53	2.59
07 62 19 00-0107	LF	>12" To 15" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	31.31	2.73
07 62 19 00-0108		**0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0101)*		
07 62 19 00-0109	LF	Up To 5" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	15.53	2.05
07 62 19 00-0110	LF	>5" To 7" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	19.19	2.19
07 62 19 00-0111	LF	>7" To 9" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	22.09	2.46
07 62 19 00-0112	LF	>9" To 12" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	26.54	2.59
07 62 19 00-0113	LF	>12" To 15" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	33.21	2.73
07 62 19 00-0114		**0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0101)*		
07 62 19 00-0115	LF	Up To 5" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	16.53	2.05
07 62 19 00-0116	LF	>5" To 7" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	20.53	2.19
07 62 19 00-0117	LF	>7" To 9" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	23.71	2.46
07 62 19 00-0118	LF	>9" To 12" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	28.54	2.59
07 62 19 00-0119	LF	>12" To 15" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	35.89	2.73
07 62 19 00-0120		**0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0101)*		
07 62 19 00-0121	LF	Up To 5" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	18.54	2.05
07 62 19 00-0122	LF	>5" To 7" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	23.21	2.19
07 62 19 00-0123	LF	>7" To 9" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	26.89	2.46
07 62 19 00-0124	LF	>9" To 12" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	32.56	2.59
07 62 19 00-0125	LF	>12" To 15" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	41.25	2.73
07 62 19 00-0126		**0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0101)*		
07 62 19 00-0127	LF	Up To 5" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	19.21	2.05
07 62 19 00-0128	LF	>5" To 7" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	24.22	2.19
07 62 19 00-0129	LF	>7" To 9" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	27.95	2.46
07 62 19 00-0130	LF	>9" To 12" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	33.90	2.59
07 62 19 00-0131	LF	>12" To 15" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	43.03	2.73
07 62 19 00-0132		**0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0101)*		
07 62 19 00-0133	LF	Up To 5" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	21.56	2.05
07 62 19 00-0134	LF	>5" To 7" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	27.23	2.19
07 62 19 00-0135	LF	>7" To 9" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	31.63	2.46
07 62 19 00-0136	LF	>9" To 12" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	38.59	2.59
07 62 19 00-0137	LF	>12" To 15" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	49.28	2.73
07 62 19 00-0138		**0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0101)*		
07 62 19 00-0139	LF	Up To 5" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	24.91	2.05
07 62 19 00-0140	LF	>5" To 7" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	31.70	2.19
07 62 19 00-0141	LF	>7" To 9" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	36.94	2.46
07 62 19 00-0142	LF	>9" To 12" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	45.29	2.59
07 62 19 00-0143	LF	>12" To 15" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	58.21	2.73
07 62 19 00-0144		**0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0101)*		
07 62 19 00-0145	LF	Up To 5" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	28.92	2.05
07 62 19 00-0146	LF	>5" To 7" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	37.06	2.19
07 62 19 00-0147	LF	>7" To 9" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	43.30	2.46
07 62 19 00-0148	LF	>9" To 12" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	53.33	2.59
07 62 19 00-0149	LF	>12" To 15" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	68.93	2.73

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 19 00-0150		Galvanized Steel Drip Edge *(07 62 19 00-0001)* Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 19 00-0151		Galvanized Steel Drip Edge *(07 62 19 00-0150)*		
07 62 19 00-0152		26 Gauge, Galvanized Steel Drip Edge *(07 62 19 00-0151)*		
07 62 19 00-0153	LF	Up To 5" Girth, 26 Gauge, Galvanized Steel Drip Edge	13.41	2.05
07 62 19 00-0154	LF	>5" To 7" Girth, 26 Gauge, Galvanized Steel Drip Edge	16.44	2.19
07 62 19 00-0155	LF	>7" To 9" Girth, 26 Gauge, Galvanized Steel Drip Edge	18.76	2.46
07 62 19 00-0156	LF	>9" To 12" Girth, 26 Gauge, Galvanized Steel Drip Edge	22.31	2.59
07 62 19 00-0157	LF	>12" To 15" Girth, 26 Gauge, Galvanized Steel Drip Edge	27.57	2.73
07 62 19 00-0158		24 Gauge, Galvanized Steel Drip Edge *(07 62 19 00-0151)*		
07 62 19 00-0159	LF	Up To 5" Girth, 24 Gauge, Galvanized Steel Drip Edge	14.51	2.05
07 62 19 00-0160	LF	>5" To 7" Girth, 24 Gauge, Galvanized Steel Drip Edge	17.90	2.19
07 62 19 00-0161	LF	>7" To 9" Girth, 24 Gauge, Galvanized Steel Drip Edge	20.48	2.46
07 62 19 00-0162	LF	>9" To 12" Girth, 24 Gauge, Galvanized Steel Drip Edge	24.50	2.59
07 62 19 00-0163	LF	>12" To 15" Girth, 24 Gauge, Galvanized Steel Drip Edge	30.46	2.73
07 62 19 00-0164		KYNAR 500® Finish, Galvanized Steel Drip Edge *(07 62 19 00-0150)*		
07 62 19 00-0165		26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge *(07 62 19 00-0164)*		
07 62 19 00-0166	LF	Up To 5" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	16.68	2.05
07 62 19 00-0167	LF	>5" To 7" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	20.82	2.19
07 62 19 00-0168	LF	>7" To 9" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	23.94	2.46
07 62 19 00-0169	LF	>9" To 12" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	28.84	2.59
07 62 19 00-0170	LF	>12" To 15" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	36.29	2.73
07 62 19 00-0171		24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge *(07 62 19 00-0164)*		
07 62 19 00-0172	LF	Up To 5" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	18.26	2.05
07 62 19 00-0173	LF	>5" To 7" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	22.94	2.19
07 62 19 00-0174	LF	>7" To 9" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	26.44	2.46
07 62 19 00-0175	LF	>9" To 12" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	32.00	2.59
07 62 19 00-0176	LF	>12" To 15" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	40.50	2.73
07 62 19 00-0177		Stainless Steel Drip Edge *(07 62 19 00-0001)* Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 19 00-0178		26 Gauge, Stainless Steel Drip Edge *(07 62 19 00-0177)*		
07 62 19 00-0179	LF	Up To 5" Girth, 26 Gauge, Stainless Steel Drip Edge	22.71	2.05
07 62 19 00-0180	LF	>5" To 7" Girth, 26 Gauge, Stainless Steel Drip Edge	28.78	2.19
07 62 19 00-0181	LF	>7" To 9" Girth, 26 Gauge, Stainless Steel Drip Edge	33.47	2.46
07 62 19 00-0182	LF	>9" To 12" Girth, 26 Gauge, Stainless Steel Drip Edge	40.91	2.59
07 62 19 00-0183	LF	>12" To 15" Girth, 26 Gauge, Stainless Steel Drip Edge	52.37	2.73
07 62 19 00-0184		24 Gauge, Stainless Steel Drip Edge *(07 62 19 00-0177)*		
07 62 19 00-0185	LF	Up To 5" Girth, 24 Gauge, Stainless Steel Drip Edge	27.93	2.05
07 62 19 00-0186	LF	>5" To 7" Girth, 24 Gauge, Stainless Steel Drip Edge	35.73	2.19
07 62 19 00-0187	LF	>7" To 9" Girth, 24 Gauge, Stainless Steel Drip Edge	41.75	2.46
07 62 19 00-0188	LF	>9" To 12" Girth, 24 Gauge, Stainless Steel Drip Edge	51.34	2.59
07 62 19 00-0189	LF	>12" To 15" Girth, 24 Gauge, Stainless Steel Drip Edge	66.28	2.73
07 62 19 00-0190		22 Gauge, Stainless Steel Drip Edge *(07 62 19 00-0177)*		
07 62 19 00-0191	LF	Up To 5" Girth, 22 Gauge, Stainless Steel Drip Edge	34.07	2.05
07 62 19 00-0192	LF	>5" To 7" Girth, 22 Gauge, Stainless Steel Drip Edge	43.91	2.19
07 62 19 00-0193	LF	>7" To 9" Girth, 22 Gauge, Stainless Steel Drip Edge	51.46	2.46
07 62 19 00-0194	LF	>9" To 12" Girth, 22 Gauge, Stainless Steel Drip Edge	63.61	2.59
07 62 19 00-0195	LF	>12" To 15" Girth, 22 Gauge, Stainless Steel Drip Edge	82.64	2.73

07 63 Sheet Metal Roofing Specialties *(07 60)*

07 63 00 00-0001		Pitch Pockets *(07 63)* Note: Cut into deck, filled with non-shrink grout, includes blocking.		
07 63 00 00-0002		24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pockets *(07 63 00 00-0001)*		
07 63 00 00-0003	EA	4" x 4" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	103.38	
		For Pourable Sealer Filled, Add	*41.63*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*20.82*	
07 63 00 00-0004	EA	6" x 6" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	124.74	
		For Pourable Sealer Filled, Add	*93.71*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*46.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 63 00 00-0005	EA	8" x 8" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	151.79	
		For Pourable Sealer Filled, Add	*166.50*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*83.06*	
07 63 00 00-0006	EA	8" x 10" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	166.37	
		For Pourable Sealer Filled, Add	*208.13*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*104.40*	
07 63 00 00-0007	EA	8" x 12" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	180.22	
		For Pourable Sealer Filled, Add	*249.76*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*124.90*	
07 63 00 00-0008	SF	24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	211.30	
		For Pourable Sealer Filled, Add	*374.63*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*186.16*	
07 63 00 00-0009		**16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pockets** *(07 63 00 00-0001)*		
07 63 00 00-0010	EA	4" x 4" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	100.80	
		For Pourable Sealer Filled, Add	*41.63*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*20.82*	
07 63 00 00-0011	EA	6" x 6" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	121.41	
		For Pourable Sealer Filled, Add	*93.71*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*46.98*	
07 63 00 00-0012	EA	8" x 8" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	148.45	
		For Pourable Sealer Filled, Add	*166.50*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*83.06*	
07 63 00 00-0013	EA	8" x 10" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	165.81	
		For Pourable Sealer Filled, Add	*208.13*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*104.40*	
07 63 00 00-0014	EA	8" x 12" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	179.10	
		For Pourable Sealer Filled, Add	*249.76*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*124.90*	
07 63 00 00-0015	SF	16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	210.30	
		For Pourable Sealer Filled, Add	*374.63*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*186.16*	
07 63 00 00-0016		**24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pockets** *(07 63 00 00-0001)*		
07 63 00 00-0017	EA	4" x 4" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	130.22	
		For Pourable Sealer Filled, Add	*41.63*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*20.82*	
07 63 00 00-0018	EA	6" x 6" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	154.89	
		For Pourable Sealer Filled, Add	*93.71*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*46.98*	
07 63 00 00-0019	EA	8" x 8" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	178.37	
		For Pourable Sealer Filled, Add	*166.50*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*83.06*	
07 63 00 00-0020	EA	8" x 10" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	192.28	
		For Pourable Sealer Filled, Add	*208.13*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*104.40*	
07 63 00 00-0021	EA	8" x 12" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	205.28	
		For Pourable Sealer Filled, Add	*249.76*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*124.90*	
07 63 00 00-0022	SF	24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	234.29	
		For Pourable Sealer Filled, Add	*374.63*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*186.16*	
07 63 00 00-0023		**Clean, Repair And Refill Existing Pitch Pockets With Non-Shrink Grout** *(07 63 00 00-0001)*		
		Note: Includes removing existing filler and refilling with non-shrink grout.		
07 63 00 00-0024	EA	Clean, Repair And Refill Existing 4" x 4" Pitch Pocket With Non-Shrink Grout	89.46	
		For Pourable Sealer Filled, Add	*41.63*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*20.82*	
07 63 00 00-0025	EA	Clean, Repair And Refill Existing 6" x 6" Pitch Pocket With Non-Shrink Grout	102.01	
		For Pourable Sealer Filled, Add	*93.71*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*46.98*	
07 63 00 00-0026	EA	Clean, Repair And Refill Existing 8" x 8" Pitch Pocket With Non-Shrink Grout	118.62	
		For Pourable Sealer Filled, Add	*166.50*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*83.06*	
07 63 00 00-0027	EA	Clean, Repair And Refill Existing 8" x 10" Pitch Pocket With Non-Shrink Grout	129.24	
		For Pourable Sealer Filled, Add	*208.13*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*104.40*	
07 63 00 00-0028	EA	Clean, Repair And Refill Existing 8" x 12" Pitch Pocket With Non-Shrink Grout	139.87	
		For Pourable Sealer Filled, Add	*249.76*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*124.90*	
07 63 00 00-0029	SF	Clean, Repair And Refill Existing Pitch Pocket With Non-Shrink Grout	166.29	
		For Pourable Sealer Filled, Add	*374.63*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*186.16*	
07 63 00 00-0030		**Lead Pipe Flashing For Roofs** *(07 63)*		
		Note: Includes 6" skirt base.		
07 63 00 00-0031	EA	1-1/4" ID x 12" Riser Pipe, 4 Lb. Lead Pipe Flashing For Roofs, Fits 3/4" Diameter Pipe	99.20	32.78
07 63 00 00-0032	EA	1-1/2" ID x 12" Riser Pipe, 4 Lb. Lead Pipe Flashing For Roofs, Fits 1" Diameter Pipe	99.20	32.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 63 00 00-0033	EA	2-3/4" ID x 12" Riser Pipe, 4 Lb. Lead Pipe Flashing For Roofs, Fits 2" Diameter Pipe	118.05	32.78
07 63 00 00-0034	EA	3-3/4" ID x 12" Riser Pipe, 4 Lb. Lead Pipe Flashing For Roofs, Fits 3" Diameter Pipe	128.82	32.78
07 63 00 00-0035	EA	4-1/4" ID x 12" Riser Pipe, 4 Lb. Lead Pipe Flashing For Roofs, Fits 3-1/2" Diameter Pipe	134.20	32.78
07 63 00 00-0036	EA	4-3/4" ID x 12" Riser Pipe, 4 Lb. Lead Pipe Flashing For Roofs, Fits 4" Diameter Pipe	136.90	32.78
07 63 00 00-0037	EA	6-7/8" ID x 12" Riser Pipe, 4 Lb. Lead Pipe Flashing For Roofs, Fits 6" Diameter Pipe	163.82	32.78
07 63 00 00-0038	EA	8-7/8" ID x 12" Riser Pipe, 4 Lb. Lead Pipe Flashing For Roofs, Fits 8" Diameter Pipe	175.94	32.78
07 63 00 00-0039		Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing *(07 63)*		
07 63 00 00-0040	EA	2" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	84.35	21.18
07 63 00 00-0041	EA	3" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	85.51	21.18
07 63 00 00-0042	EA	4" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	89.71	21.18
07 63 00 00-0043	EA	6" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	93.32	21.18

07 64 Sheet Metal Wall Cladding *(07 60)*

07 64 19 Flat Seam Sheet Metal Wall Cladding *(07 64)*

See CSI section 05 75 00 00-0000 for metal wall cladding.

07 65 Flexible Flashing *(07 60)*

07 65 16 Modified Bituminous Sheet Flashing *(07 65)*

07 65 16 00-0001 Liquid Flashing System For Modified And BUR Systems *(07 65 16)*

See CSI section 07 51 13 00-0036 for ceramic coated roofing granules.

07 65 16 00-0002	SF	60 Mil, Urethane Elastomer Liquid Applied Flashing Note: Includes applying a 30 mil base coat, rolling in a stichbonded polyester reinforcing scrim and applying a 30 mil second coat.	16.21	2.57

07 65 19 Plastic Sheet Flashing *(07 65)*

07 65 19 00-0001 Plastic Flashing And Trim *(07 65 19)*

07 65 19 00-0002 Neoprene Flashing *(07 65 19 00-0001)*

07 65 19 00-0003 60 Mil Thick *(07 65 19 00-0002)*

07 65 19 00-0004	LF	6" Wide Strip, 60 Mil, Neoprene Flashing	11.21	3.67
07 65 19 00-0005	LF	12" Wide Strip, 60 Mil, Neoprene Flashing	14.71	3.94
07 65 19 00-0006	LF	18" Wide Strip, 60 Mil, Neoprene Flashing	18.63	4.34
07 65 19 00-0007	LF	24" Wide Strip, 60 Mil, Neoprene Flashing	22.77	4.90

07 65 33 Flexible Roof Boot *(07 65)*

07 65 33 00-0001 Neoprene Roof Boot *(07 65 33)*

07 65 33 00-0002	EA	2" Diameter Pipe, Neoprene Roof Boot	48.33	11.28
07 65 33 00-0003	EA	3" Diameter Pipe, Neoprene Roof Boot	56.38	12.64
07 65 33 00-0004	EA	4" Diameter Pipe, Neoprene Roof Boot	62.28	13.60

07 70 Roof and Wall Specialties and Accessories *(07)*

07 71 Roof Specialties *(07 70)*

07 71 13 Manufactured Copings *(07 71)*

07 71 13 00-0001 Galvanized Steel Copings *(07 71 13)*

07 71 13 00-0002 KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats *(07 71 13 00-0001)*

Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.

07 71 13 00-0003	LF	10" To 14" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	36.79	2.95
		For Up To 25 LF, Add	*5.65*	
		For >25 To 100 LF, Add	*2.82*	
		For >1,000 LF, Deduct	*-0.49*	
07 71 13 00-0004	LF	>14" To 16" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	38.83	3.20
		For Up To 25 LF, Add	*6.01*	
		For >25 To 100 LF, Add	*3.01*	
		For >1,000 LF, Deduct	*-0.53*	
07 71 13 00-0005	LF	>16" To 22" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	44.21	3.36
		For Up To 25 LF, Add	*6.66*	
		For >25 To 100 LF, Add	*3.33*	
		For >1,000 LF, Deduct	*-0.56*	
07 71 13 00-0006	LF	>22" To 30" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	51.31	3.69
		For Up To 25 LF, Add	*7.59*	
		For >25 To 100 LF, Add	*3.80*	
		For >1,000 LF, Deduct	*-0.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0007	LF	>30" To 42" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	61.86	3.85
		For Up To 25 LF, Add	*8.75*	
		For >25 To 100 LF, Add	*4.38*	
		For >1,000 LF, Deduct	*-0.64*	

07 71 13 00-0008 Aluminum Copings *(07 71 13)*

07 71 13 00-0009 Mill Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0008)*

Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.

07 71 13 00-0010 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0009)*

07 71 13 00-0011	LF	10" To 14" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	29.35	2.95
		For Up To 25 LF, Add	*4.90*	
		For >25 To 100 LF, Add	*2.45*	
		For >1,000 LF, Deduct	*-0.49*	
07 71 13 00-0012	LF	>14" To 16" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	31.34	3.20
		For Up To 25 LF, Add	*5.26*	
		For >25 To 100 LF, Add	*2.63*	
		For >1,000 LF, Deduct	*-0.53*	
07 71 13 00-0013	LF	>16" To 22" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	36.45	3.36
		For Up To 25 LF, Add	*5.89*	
		For >25 To 100 LF, Add	*2.94*	
		For >1,000 LF, Deduct	*-0.56*	
07 71 13 00-0014	LF	>22" To 30" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	43.44	3.69
		For Up To 25 LF, Add	*6.80*	
		For >25 To 100 LF, Add	*3.40*	
		For >1,000 LF, Deduct	*-0.62*	
07 71 13 00-0015	LF	>30" To 42" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	53.79	3.85
		For Up To 25 LF, Add	*7.95*	
		For >25 To 100 LF, Add	*3.97*	
		For >1,000 LF, Deduct	*-0.64*	

07 71 13 00-0016 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0009)*

07 71 13 00-0017	LF	10" To 14" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	31.80	2.95
		For Up To 25 LF, Add	*5.15*	
		For >25 To 100 LF, Add	*2.57*	
		For >1,000 LF, Deduct	*-0.49*	
07 71 13 00-0018	LF	>14" To 16" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	33.94	3.20
		For Up To 25 LF, Add	*5.52*	
		For >25 To 100 LF, Add	*2.76*	
		For >1,000 LF, Deduct	*-0.53*	
07 71 13 00-0019	LF	>16" To 22" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	39.53	3.36
		For Up To 25 LF, Add	*6.19*	
		For >25 To 100 LF, Add	*3.10*	
		For >1,000 LF, Deduct	*-0.56*	
07 71 13 00-0020	LF	>22" To 30" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	47.17	3.69
		For Up To 25 LF, Add	*7.18*	
		For >25 To 100 LF, Add	*3.59*	
		For >1,000 LF, Deduct	*-0.62*	
07 71 13 00-0021	LF	>30" To 42" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	58.53	3.85
		For Up To 25 LF, Add	*8.42*	
		For >25 To 100 LF, Add	*4.21*	
		For >1,000 LF, Deduct	*-0.64*	

07 71 13 00-0022 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0009)*

07 71 13 00-0023	LF	10" To 14" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	33.81	2.95
		For Up To 25 LF, Add	*5.35*	
		For >25 To 100 LF, Add	*2.67*	
		For >1,000 LF, Deduct	*-0.49*	
07 71 13 00-0024	LF	>14" To 16" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	36.26	3.20
		For Up To 25 LF, Add	*5.75*	
		For >25 To 100 LF, Add	*2.88*	
		For >1,000 LF, Deduct	*-0.53*	
07 71 13 00-0025	LF	>16" To 22" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	43.37	3.36
		For Up To 25 LF, Add	*6.58*	
		For >25 To 100 LF, Add	*3.29*	
		For >1,000 LF, Deduct	*-0.56*	
07 71 13 00-0026	LF	>22" To 30" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	54.04	3.69
		For Up To 25 LF, Add	*7.86*	
		For >25 To 100 LF, Add	*3.93*	
		For >1,000 LF, Deduct	*-0.62*	
07 71 13 00-0027	LF	>30" To 42" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	69.65	3.85
		For Up To 25 LF, Add	*9.53*	
		For >25 To 100 LF, Add	*4.77*	
		For >1,000 LF, Deduct	*-0.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0028		KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0008)*		
		Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 13 00-0029		0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0028)*		
07 71 13 00-0030	LF	10" To 14" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	40.35	2.95
		For Up To 25 LF, Add	*6.00*	
		For >25 To 100 LF, Add	*3.00*	
		For >1,000 LF, Deduct	*-0.49*	
07 71 13 00-0031	LF	>14" To 16" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	43.05	3.20
		For Up To 25 LF, Add	*6.43*	
		For >25 To 100 LF, Add	*3.22*	
		For >1,000 LF, Deduct	*-0.53*	
07 71 13 00-0032	LF	>16" To 22" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	50.33	3.36
		For Up To 25 LF, Add	*7.27*	
		For >25 To 100 LF, Add	*3.64*	
		For >1,000 LF, Deduct	*-0.56*	
07 71 13 00-0033	LF	>22" To 30" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	60.22	3.69
		For Up To 25 LF, Add	*8.48*	
		For >25 To 100 LF, Add	*4.24*	
		For >1,000 LF, Deduct	*-0.62*	
07 71 13 00-0034	LF	>30" To 42" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	75.11	3.85
		For Up To 25 LF, Add	*10.08*	
		For >25 To 100 LF, Add	*5.04*	
		For >1,000 LF, Deduct	*-0.64*	
07 71 13 00-0035		0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0028)*		
07 71 13 00-0036	LF	10" To 14" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	43.89	2.95
		For Up To 25 LF, Add	*6.36*	
		For >25 To 100 LF, Add	*3.18*	
		For >1,000 LF, Deduct	*-0.49*	
07 71 13 00-0037	LF	>14" To 16" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	46.82	3.20
		For Up To 25 LF, Add	*6.81*	
		For >25 To 100 LF, Add	*3.41*	
		For >1,000 LF, Deduct	*-0.53*	
07 71 13 00-0038	LF	>16" To 22" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	54.80	3.36
		For Up To 25 LF, Add	*7.72*	
		For >25 To 100 LF, Add	*3.86*	
		For >1,000 LF, Deduct	*-0.56*	
07 71 13 00-0039	LF	>22" To 30" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	65.63	3.69
		For Up To 25 LF, Add	*9.02*	
		For >25 To 100 LF, Add	*4.51*	
		For >1,000 LF, Deduct	*-0.62*	
07 71 13 00-0040	LF	>30" To 42" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	81.98	3.85
		For Up To 25 LF, Add	*10.77*	
		For >25 To 100 LF, Add	*5.38*	
		For >1,000 LF, Deduct	*-0.64*	
07 71 13 00-0041		0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0028)*		
07 71 13 00-0042	LF	10" To 14" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	46.80	2.95
		For Up To 25 LF, Add	*6.65*	
		For >25 To 100 LF, Add	*3.32*	
		For >1,000 LF, Deduct	*-0.49*	
07 71 13 00-0043	LF	>14" To 16" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	50.19	3.20
		For Up To 25 LF, Add	*7.15*	
		For >25 To 100 LF, Add	*3.57*	
		For >1,000 LF, Deduct	*-0.53*	
07 71 13 00-0044	LF	>16" To 22" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	60.36	3.36
		For Up To 25 LF, Add	*8.28*	
		For >25 To 100 LF, Add	*4.14*	
		For >1,000 LF, Deduct	*-0.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0045	LF	>22" To 30" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	75.60	3.69
		For Up To 25 LF, Add	*10.02*	
		For >25 To 100 LF, Add	*5.01*	
		For >1,000 LF, Deduct	*-0.62*	
07 71 13 00-0046	LF	>30" To 42" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	98.11	3.85
		For Up To 25 LF, Add	*12.38*	
		For >25 To 100 LF, Add	*6.19*	
		For >1,000 LF, Deduct	*-0.64*	

07 71 13 00-0047 Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0008)*

Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.

07 71 13 00-0048 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0047)*

07 71 13 00-0049	LF	10" To 14" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	42.47	2.95
		For Up To 25 LF, Add	*6.22*	
		For >25 To 100 LF, Add	*3.11*	
		For >1,000 LF, Deduct	*-0.49*	
07 71 13 00-0050	LF	>14" To 16" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	45.31	3.20
		For Up To 25 LF, Add	*6.66*	
		For >25 To 100 LF, Add	*3.33*	
		For >1,000 LF, Deduct	*-0.53*	
07 71 13 00-0051	LF	>16" To 22" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	53.01	3.36
		For Up To 25 LF, Add	*7.54*	
		For >25 To 100 LF, Add	*3.77*	
		For >1,000 LF, Deduct	*-0.56*	
07 71 13 00-0052	LF	>22" To 30" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	63.47	3.69
		For Up To 25 LF, Add	*8.81*	
		For >25 To 100 LF, Add	*4.40*	
		For >1,000 LF, Deduct	*-0.62*	
07 71 13 00-0053	LF	>30" To 42" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	79.23	3.85
		For Up To 25 LF, Add	*10.49*	
		For >25 To 100 LF, Add	*5.25*	
		For >1,000 LF, Deduct	*-0.64*	

07 71 13 00-0054 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0047)*

07 71 13 00-0055	LF	10" To 14" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	46.23	2.95
		For Up To 25 LF, Add	*6.59*	
		For >25 To 100 LF, Add	*3.30*	
		For >1,000 LF, Deduct	*-0.49*	
07 71 13 00-0056	LF	>14" To 16" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	49.31	3.20
		For Up To 25 LF, Add	*7.06*	
		For >25 To 100 LF, Add	*3.53*	
		For >1,000 LF, Deduct	*-0.53*	
07 71 13 00-0057	LF	>16" To 22" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	57.75	3.36
		For Up To 25 LF, Add	*8.02*	
		For >25 To 100 LF, Add	*4.01*	
		For >1,000 LF, Deduct	*-0.56*	
07 71 13 00-0058	LF	>22" To 30" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	69.20	3.69
		For Up To 25 LF, Add	*9.38*	
		For >25 To 100 LF, Add	*4.69*	
		For >1,000 LF, Deduct	*-0.62*	
07 71 13 00-0059	LF	>30" To 42" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	86.51	3.85
		For Up To 25 LF, Add	*11.22*	
		For >25 To 100 LF, Add	*5.61*	
		For >1,000 LF, Deduct	*-0.64*	

07 71 13 00-0060 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0047)*

07 71 13 00-0061	LF	10" To 14" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	49.32	2.95
		For Up To 25 LF, Add	*6.90*	
		For >25 To 100 LF, Add	*3.45*	
		For >1,000 LF, Deduct	*-0.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0062	LF	>14" To 16" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	52.88	3.20
		For Up To 25 LF, Add	*7.42*	
		For >25 To 100 LF, Add	*3.71*	
		For >1,000 LF, Deduct	*-0.53*	
07 71 13 00-0063	LF	>16" To 22" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	63.65	3.36
		For Up To 25 LF, Add	*8.61*	
		For >25 To 100 LF, Add	*4.30*	
		For >1,000 LF, Deduct	*-0.56*	
07 71 13 00-0064	LF	>22" To 30" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	79.76	3.69
		For Up To 25 LF, Add	*10.44*	
		For >25 To 100 LF, Add	*5.22*	
		For >1,000 LF, Deduct	*-0.62*	
07 71 13 00-0065	LF	>30" To 42" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	103.61	3.85
		For Up To 25 LF, Add	*12.93*	
		For >25 To 100 LF, Add	*6.46*	
		For >1,000 LF, Deduct	*-0.64*	

07 71 19 Manufactured Gravel Stops and Fasciae *(07 71)*

07 71 19 00-0001 Gravel Stop *(07 71 19)*

07 71 19 00-0002 Aluminum Gravel Stop *(07 71 19 00-0001)*

07 71 19 00-0003 Aluminum Gravel Stop *(07 71 19 00-0002)*

07 71 19 00-0004 KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0003)*

07 71 19 00-0005 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0004)*

07 71 19 00-0006	LF	4" To 6" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	42.42	2.32
		For Up To 25 LF, Add	*6.97*	
		For >25 To 100 LF, Add	*3.49*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0007	LF	>6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	43.93	2.73
		For Up To 25 LF, Add	*7.62*	
		For >25 To 100 LF, Add	*3.81*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0008	LF	>10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	45.49	3.00
		For Up To 25 LF, Add	*8.21*	
		For >25 To 100 LF, Add	*4.10*	
		For >1,000 LF, Deduct	*-0.92*	

07 71 19 00-0009 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0004)*

07 71 19 00-0010	LF	4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	45.04	2.32
		For Up To 25 LF, Add	*7.24*	
		For >25 To 100 LF, Add	*3.62*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0011	LF	>6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	46.67	2.73
		For Up To 25 LF, Add	*7.89*	
		For >25 To 100 LF, Add	*3.95*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0012	LF	>10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	48.37	3.00
		For Up To 25 LF, Add	*8.50*	
		For >25 To 100 LF, Add	*4.25*	
		For >1,000 LF, Deduct	*-0.92*	

07 71 19 00-0013 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0004)*

07 71 19 00-0014	LF	4" To 6" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	48.45	2.32
		For Up To 25 LF, Add	*7.58*	
		For >25 To 100 LF, Add	*3.79*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0015	LF	>6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	49.93	2.73
		For Up To 25 LF, Add	*8.22*	
		For >25 To 100 LF, Add	*4.11*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0016	LF	>10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	52.00	3.00
		For Up To 25 LF, Add	*8.86*	
		For >25 To 100 LF, Add	*4.43*	
		For >1,000 LF, Deduct	*-0.92*	

07 71 19 00-0017 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0004)*

07 71 19 00-0018	LF	4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	50.77	2.32
		For Up To 25 LF, Add	*7.81*	
		For >25 To 100 LF, Add	*3.90*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0019	LF	>6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	52.34	2.73
		For Up To 25 LF, Add	*8.46*	
		For >25 To 100 LF, Add	*4.23*	
		For >1,000 LF, Deduct	*-0.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0020	LF	>10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	54.55	3.00
		For Up To 25 LF, Add	*9.12*	
		For >25 To 100 LF, Add	*4.56*	
		For >1,000 LF, Deduct	*-0.92*	

07 71 19 00-0021 Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0003)*

07 71 19 00-0022 0.032" Thick, Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0021)*

07 71 19 00-0023	LF	4" To 6" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop	27.89	2.32
		For Up To 25 LF, Add	*5.52*	
		For >25 To 100 LF, Add	*2.76*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0024	LF	>6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop	30.14	2.73
		For Up To 25 LF, Add	*6.24*	
		For >25 To 100 LF, Add	*3.12*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0025	LF	>10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop	32.39	3.00
		For Up To 25 LF, Add	*6.90*	
		For >25 To 100 LF, Add	*3.45*	
		For >1,000 LF, Deduct	*-0.92*	

07 71 19 00-0026 0.040" Thick, Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0021)*

07 71 19 00-0027	LF	4" To 6" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop	30.07	2.32
		For Up To 25 LF, Add	*5.74*	
		For >25 To 100 LF, Add	*2.87*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0028	LF	>6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop	32.03	2.73
		For Up To 25 LF, Add	*6.43*	
		For >25 To 100 LF, Add	*3.21*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0029	LF	>10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop	33.85	3.00
		For Up To 25 LF, Add	*7.05*	
		For >25 To 100 LF, Add	*3.52*	
		For >1,000 LF, Deduct	*-0.92*	

07 71 19 00-0030 0.050" Thick, Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0021)*

07 71 19 00-0031	LF	4" To 6" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	32.25	2.32
		For Up To 25 LF, Add	*5.96*	
		For >25 To 100 LF, Add	*2.98*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0032	LF	>6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	34.21	2.73
		For Up To 25 LF, Add	*6.65*	
		For >25 To 100 LF, Add	*3.32*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0033	LF	>10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	36.21	3.00
		For Up To 25 LF, Add	*7.28*	
		For >25 To 100 LF, Add	*3.64*	
		For >1,000 LF, Deduct	*-0.92*	

07 71 19 00-0034 0.063" Thick, Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0021)*

07 71 19 00-0035	LF	4" To 6" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	34.61	2.32
		For Up To 25 LF, Add	*6.19*	
		For >25 To 100 LF, Add	*3.10*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0036	LF	>6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	36.39	2.73
		For Up To 25 LF, Add	*6.86*	
		For >25 To 100 LF, Add	*3.43*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0037	LF	>10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	37.96	3.00
		For Up To 25 LF, Add	*7.46*	
		For >25 To 100 LF, Add	*3.73*	
		For >1,000 LF, Deduct	*-0.92*	

07 71 19 00-0038 Clear Anodized Finish, Aluminum Gravel Stop *(07 71 19 00-0003)*

07 71 19 00-0039 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop *(07 71 19 00-0038)*

07 71 19 00-0040	LF	4" To 6" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	50.48	2.32
		For Up To 25 LF, Add	*7.78*	
		For >25 To 100 LF, Add	*3.89*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0041	LF	>6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	52.34	2.73
		For Up To 25 LF, Add	*8.46*	
		For >25 To 100 LF, Add	*4.23*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0042	LF	>10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	54.02	3.00
		For Up To 25 LF, Add	*9.06*	
		For >25 To 100 LF, Add	*4.53*	
		For >1,000 LF, Deduct	*-0.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0043		**0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop** *(07 71 19 00-0038)*		
07 71 19 00-0044	LF	4" To 6" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	53.62	2.32
		For Up To 25 LF, Add	*8.09*	
		For >25 To 100 LF, Add	*4.05*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0045	LF	>6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	55.62	2.73
		For Up To 25 LF, Add	*8.79*	
		For >25 To 100 LF, Add	*4.39*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0046	LF	>10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	57.45	3.00
		For Up To 25 LF, Add	*9.41*	
		For >25 To 100 LF, Add	*4.70*	
		For >1,000 LF, Deduct	*-0.92*	
07 71 19 00-0047		**0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop** *(07 71 19 00-0038)*		
07 71 19 00-0048	LF	4" To 6" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	57.72	2.32
		For Up To 25 LF, Add	*8.50*	
		For >25 To 100 LF, Add	*4.25*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0049	LF	>6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	59.54	2.73
		For Up To 25 LF, Add	*9.18*	
		For >25 To 100 LF, Add	*4.59*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0050	LF	>10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	61.08	3.00
		For Up To 25 LF, Add	*9.77*	
		For >25 To 100 LF, Add	*4.88*	
		For >1,000 LF, Deduct	*-0.92*	
07 71 19 00-0051		**0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop** *(07 71 19 00-0038)*		
07 71 19 00-0052	LF	4" To 6" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	60.50	2.32
		For Up To 25 LF, Add	*8.78*	
		For >25 To 100 LF, Add	*4.39*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0053	LF	>6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	62.43	2.73
		For Up To 25 LF, Add	*9.47*	
		For >25 To 100 LF, Add	*4.73*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0054	LF	>10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	64.08	3.00
		For Up To 25 LF, Add	*10.07*	
		For >25 To 100 LF, Add	*5.03*	
		For >1,000 LF, Deduct	*-0.92*	
07 71 19 00-0055		**Aluminum Gravel Stop System With Continuous Cleat** *(07 71 19 00-0002)*		
		Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0056		**KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat** *(07 71 19 00-0055)*		
07 71 19 00-0057		**0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat** *(07 71 19 00-0056)*		
07 71 19 00-0058	LF	4" To 6" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	47.82	2.46
		For Up To 25 LF, Add	*7.79*	
		For >25 To 100 LF, Add	*3.89*	
		For >1,000 LF, Deduct	*-0.75*	
07 71 19 00-0059	LF	>6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	50.93	2.93
		For Up To 25 LF, Add	*8.65*	
		For >25 To 100 LF, Add	*4.32*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0060	LF	>10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	54.43	3.35
		For Up To 25 LF, Add	*9.48*	
		For >25 To 100 LF, Add	*4.74*	
		For >1,000 LF, Deduct	*-1.01*	
07 71 19 00-0061		**0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat** *(07 71 19 00-0056)*		
07 71 19 00-0062	LF	4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	50.44	2.46
		For Up To 25 LF, Add	*8.05*	
		For >25 To 100 LF, Add	*4.02*	
		For >1,000 LF, Deduct	*-0.75*	
07 71 19 00-0063	LF	>6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	53.66	2.93
		For Up To 25 LF, Add	*8.92*	
		For >25 To 100 LF, Add	*4.46*	
		For >1,000 LF, Deduct	*-0.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0064	LF	>10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	57.31	3.35
		For Up To 25 LF, Add	*9.77*	
		For >25 To 100 LF, Add	*4.89*	
		For >1,000 LF, Deduct	*-1.01*	
07 71 19 00-0065		0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0056)*		
07 71 19 00-0066	LF	4" To 6" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	53.85	2.46
		For Up To 25 LF, Add	*8.39*	
		For >25 To 100 LF, Add	*4.19*	
		For >1,000 LF, Deduct	*-0.75*	
07 71 19 00-0067	LF	>6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	56.93	2.93
		For Up To 25 LF, Add	*9.25*	
		For >25 To 100 LF, Add	*4.62*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0068	LF	>10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	60.94	3.35
		For Up To 25 LF, Add	*10.13*	
		For >25 To 100 LF, Add	*5.07*	
		For >1,000 LF, Deduct	*-1.01*	
07 71 19 00-0069		0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0056)*		
07 71 19 00-0070	LF	4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	56.17	2.46
		For Up To 25 LF, Add	*8.62*	
		For >25 To 100 LF, Add	*4.31*	
		For >1,000 LF, Deduct	*-0.75*	
07 71 19 00-0071	LF	>6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	59.33	2.93
		For Up To 25 LF, Add	*9.49*	
		For >25 To 100 LF, Add	*4.74*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0072	LF	>10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	63.49	3.35
		For Up To 25 LF, Add	*10.39*	
		For >25 To 100 LF, Add	*5.19*	
		For >1,000 LF, Deduct	*-1.01*	
07 71 19 00-0073		Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0055)*		
07 71 19 00-0074		0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0073)*		
07 71 19 00-0075	LF	4" To 6" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	35.31	2.46
		For Up To 25 LF, Add	*6.54*	
		For >25 To 100 LF, Add	*3.27*	
		For >1,000 LF, Deduct	*-0.75*	
07 71 19 00-0076	LF	>6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	37.88	2.93
		For Up To 25 LF, Add	*7.34*	
		For >25 To 100 LF, Add	*3.67*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0077	LF	>10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	40.79	3.35
		For Up To 25 LF, Add	*8.12*	
		For >25 To 100 LF, Add	*4.06*	
		For >1,000 LF, Deduct	*-1.01*	
07 71 19 00-0078		0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0073)*		
07 71 19 00-0079	LF	4" To 6" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	37.12	2.46
		For Up To 25 LF, Add	*6.72*	
		For >25 To 100 LF, Add	*3.36*	
		For >1,000 LF, Deduct	*-0.75*	
07 71 19 00-0080	LF	>6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	39.76	2.93
		For Up To 25 LF, Add	*7.53*	
		For >25 To 100 LF, Add	*3.76*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0081	LF	>10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	42.79	3.35
		For Up To 25 LF, Add	*8.32*	
		For >25 To 100 LF, Add	*4.16*	
		For >1,000 LF, Deduct	*-1.01*	
07 71 19 00-0082		0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0073)*		
07 71 19 00-0083	LF	4" To 6" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	39.47	2.46
		For Up To 25 LF, Add	*6.95*	
		For >25 To 100 LF, Add	*3.48*	
		For >1,000 LF, Deduct	*-0.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0084	LF	>6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	42.02	2.93
		For Up To 25 LF, Add	*7.75*	
		For >25 To 100 LF, Add	*3.88*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0085	LF	>10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	45.15	3.35
		For Up To 25 LF, Add	*8.56*	
		For >25 To 100 LF, Add	*4.28*	
		For >1,000 LF, Deduct	*-1.01*	

07 71 19 00-0086 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0073)*

07 71 19 00-0087	LF	4" To 6" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	41.07	2.46
		For Up To 25 LF, Add	*7.11*	
		For >25 To 100 LF, Add	*3.56*	
		For >1,000 LF, Deduct	*-0.75*	
07 71 19 00-0088	LF	>6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	43.67	2.93
		For Up To 25 LF, Add	*7.92*	
		For >25 To 100 LF, Add	*3.96*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0089	LF	>10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	46.90	3.35
		For Up To 25 LF, Add	*8.73*	
		For >25 To 100 LF, Add	*4.37*	
		For >1,000 LF, Deduct	*-1.01*	

07 71 19 00-0090 Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0055)*

07 71 19 00-0091 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0090)*

07 71 19 00-0092	LF	4" To 6" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	55.88	2.46
		For Up To 25 LF, Add	*8.59*	
		For >25 To 100 LF, Add	*4.30*	
		For >1,000 LF, Deduct	*-0.75*	
07 71 19 00-0093	LF	>6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	59.34	2.93
		For Up To 25 LF, Add	*9.49*	
		For >25 To 100 LF, Add	*4.74*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0094	LF	>10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	62.96	3.35
		For Up To 25 LF, Add	*10.34*	
		For >25 To 100 LF, Add	*5.17*	
		For >1,000 LF, Deduct	*-1.01*	

07 71 19 00-0095 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0090)*

07 71 19 00-0096	LF	4" To 6" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	59.02	2.46
		For Up To 25 LF, Add	*8.91*	
		For >25 To 100 LF, Add	*4.45*	
		For >1,000 LF, Deduct	*-0.75*	
07 71 19 00-0097	LF	>6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	62.62	2.93
		For Up To 25 LF, Add	*9.81*	
		For >25 To 100 LF, Add	*4.91*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0098	LF	>10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	66.39	3.35
		For Up To 25 LF, Add	*10.68*	
		For >25 To 100 LF, Add	*5.34*	
		For >1,000 LF, Deduct	*-1.01*	

07 71 19 00-0099 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0090)*

07 71 19 00-0100	LF	4" To 6" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	63.12	2.46
		For Up To 25 LF, Add	*9.32*	
		For >25 To 100 LF, Add	*4.66*	
		For >1,000 LF, Deduct	*-0.75*	
07 71 19 00-0101	LF	>6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	66.54	2.93
		For Up To 25 LF, Add	*10.21*	
		For >25 To 100 LF, Add	*5.10*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0102	LF	>10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	70.02	3.35
		For Up To 25 LF, Add	*11.04*	
		For >25 To 100 LF, Add	*5.52*	
		For >1,000 LF, Deduct	*-1.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0103		0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0090)*		
07 71 19 00-0104	LF	4" To 6" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	65.90	2.46
		For Up To 25 LF, Add	*9.59*	
		For >25 To 100 LF, Add	*4.80*	
		For >1,000 LF, Deduct	*-0.75*	
07 71 19 00-0105	LF	>6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	69.42	2.93
		For Up To 25 LF, Add	*10.49*	
		For >25 To 100 LF, Add	*5.25*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0106	LF	>10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	73.02	3.35
		For Up To 25 LF, Add	*11.34*	
		For >25 To 100 LF, Add	*5.67*	
		For >1,000 LF, Deduct	*-1.01*	
07 71 19 00-0107		Stainless Steel Gravel Stop *(07 71 19 00-0001)*		
07 71 19 00-0108		Stainless Steel Gravel Stop *(07 71 19 00-0107)*		
07 71 19 00-0109		26 Gauge, Stainless Steel Gravel Stop *(07 71 19 00-0108)*		
07 71 19 00-0110	LF	4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop	40.68	2.32
		For Up To 25 LF, Add	*6.80*	
		For >25 To 100 LF, Add	*3.40*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0111	LF	>6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop	53.36	2.73
		For Up To 25 LF, Add	*8.56*	
		For >25 To 100 LF, Add	*4.28*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0112	LF	>10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop	78.89	3.00
		For Up To 25 LF, Add	*11.55*	
		For >25 To 100 LF, Add	*5.77*	
		For >1,000 LF, Deduct	*-0.92*	
07 71 19 00-0113		24 Gauge, Stainless Steel Gravel Stop *(07 71 19 00-0108)*		
07 71 19 00-0114	LF	4" To 6" Face Height, 24 Gauge, Stainless Steel Gravel Stop	50.49	2.32
		For Up To 25 LF, Add	*7.78*	
		For >25 To 100 LF, Add	*3.89*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0115	LF	>6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop	66.45	2.73
		For Up To 25 LF, Add	*9.87*	
		For >25 To 100 LF, Add	*4.93*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0116	LF	>10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop	98.52	3.00
		For Up To 25 LF, Add	*13.51*	
		For >25 To 100 LF, Add	*6.76*	
		For >1,000 LF, Deduct	*-0.92*	
07 71 19 00-0117		22 Gauge, Stainless Steel Gravel Stop *(07 71 19 00-0108)*		
07 71 19 00-0118	LF	4" To 6" Face Height, 22 Gauge, Stainless Steel Gravel Stop	60.92	2.32
		For Up To 25 LF, Add	*8.82*	
		For >25 To 100 LF, Add	*4.41*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0119	LF	>6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop	80.35	2.73
		For Up To 25 LF, Add	*11.26*	
		For >25 To 100 LF, Add	*5.63*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0120	LF	>10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop	119.38	3.00
		For Up To 25 LF, Add	*15.60*	
		For >25 To 100 LF, Add	*7.80*	
		For >1,000 LF, Deduct	*-0.92*	
07 71 19 00-0121		Stainless Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0107)*		
		Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0122		26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0121)*		
07 71 19 00-0123	LF	4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	48.00	2.46
		For Up To 25 LF, Add	*7.80*	
		For >25 To 100 LF, Add	*3.90*	
		For >1,000 LF, Deduct	*-0.75*	
07 71 19 00-0124	LF	>6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	62.87	2.93
		For Up To 25 LF, Add	*9.84*	
		For >25 To 100 LF, Add	*4.92*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0125	LF	>10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	91.08	3.35
		For Up To 25 LF, Add	*13.15*	
		For >25 To 100 LF, Add	*6.57*	
		For >1,000 LF, Deduct	*-1.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0126		24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0121)*		
07 71 19 00-0127	LF	4" To 6" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	57.82	2.46
		For Up To 25 LF, Add	*8.79*	
		For >25 To 100 LF, Add	*4.39*	
		For >1,000 LF, Deduct	*-0.75*	
07 71 19 00-0128	LF	>6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	75.96	2.93
		For Up To 25 LF, Add	*11.15*	
		For >25 To 100 LF, Add	*5.57*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0129	LF	>10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	110.72	3.35
		For Up To 25 LF, Add	*15.11*	
		For >25 To 100 LF, Add	*7.56*	
		For >1,000 LF, Deduct	*-1.01*	
07 71 19 00-0130		22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0121)*		
07 71 19 00-0131	LF	4" To 6" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	68.25	2.46
		For Up To 25 LF, Add	*9.83*	
		For >25 To 100 LF, Add	*4.91*	
		For >1,000 LF, Deduct	*-0.75*	
07 71 19 00-0132	LF	>6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	89.86	2.93
		For Up To 25 LF, Add	*12.54*	
		For >25 To 100 LF, Add	*6.27*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0133	LF	>10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	131.58	3.35
		For Up To 25 LF, Add	*17.20*	
		For >25 To 100 LF, Add	*8.60*	
		For >1,000 LF, Deduct	*-1.01*	
07 71 19 00-0134		Galvanized Steel Gravel Stop *(07 71 19 00-0001)*		
07 71 19 00-0135		Galvanized Steel Gravel Stop *(07 71 19 00-0134)*		
07 71 19 00-0136		KYNAR 500® Finish, Galvanized Steel Gravel Stop *(07 71 19 00-0135)*		
07 71 19 00-0137		24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop *(07 71 19 00-0136)*		
07 71 19 00-0138	LF	4" To 6" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop	38.95	2.32
		For Up To 25 LF, Add	*6.63*	
		For >25 To 100 LF, Add	*3.31*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0139	LF	>6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop	40.41	2.73
		For Up To 25 LF, Add	*7.27*	
		For >25 To 100 LF, Add	*3.63*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0140	LF	>10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop	42.13	3.00
		For Up To 25 LF, Add	*7.87*	
		For >25 To 100 LF, Add	*3.94*	
		For >1,000 LF, Deduct	*-0.92*	
07 71 19 00-0141		Galvanized Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0134)*		
		Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0142		KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0141)*		
07 71 19 00-0143		24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0142)*		
07 71 19 00-0144	LF	4" To 6" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat	44.50	2.46
		For Up To 25 LF, Add	*7.45*	
		For >25 To 100 LF, Add	*3.73*	
		For >1,000 LF, Deduct	*-0.75*	
07 71 19 00-0145	LF	>6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat	47.60	2.93
		For Up To 25 LF, Add	*8.31*	
		For >25 To 100 LF, Add	*4.16*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0146	LF	>10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat	51.33	3.35
		For Up To 25 LF, Add	*9.17*	
		For >25 To 100 LF, Add	*4.59*	
		For >1,000 LF, Deduct	*-1.01*	
07 71 19 00-0147		Copper Gravel Stop *(07 71 19 00-0001)*		
07 71 19 00-0148		Copper Gravel Stop *(07 71 19 00-0147)*		
07 71 19 00-0149		20 Ounce, Copper Gravel Stop *(07 71 19 00-0148)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0150	LF	4" To 6" Face Height, 20 Ounce, Copper Gravel Stop	64.76	2.32
		For Up To 25 LF, Add	*9.21*	
		For >25 To 100 LF, Add	*4.60*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0151	LF	>6" To 10" Face Height, 20 Ounce, Copper Gravel Stop	74.18	2.73
		For Up To 25 LF, Add	*10.64*	
		For >25 To 100 LF, Add	*5.32*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0152	LF	>10" To 18" Face Height, 20 Ounce, Copper Gravel Stop	85.68	3.00
		For Up To 25 LF, Add	*12.23*	
		For >25 To 100 LF, Add	*6.11*	
		For >1,000 LF, Deduct	*-0.92*	
07 71 19 00-0153		**16 Ounce, Copper Gravel Stop** *(07 71 19 00-0148)*		
07 71 19 00-0154	LF	4" To 6" Face Height, 16 Ounce, Copper Gravel Stop	78.50	2.32
		For Up To 25 LF, Add	*10.58*	
		For >25 To 100 LF, Add	*5.29*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0155	LF	>6" To 10" Face Height, 16 Ounce, Copper Gravel Stop	90.97	2.73
		For Up To 25 LF, Add	*12.32*	
		For >25 To 100 LF, Add	*6.16*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0156	LF	>10" To 18" Face Height, 16 Ounce, Copper Gravel Stop	104.00	3.00
		For Up To 25 LF, Add	*14.06*	
		For >25 To 100 LF, Add	*7.03*	
		For >1,000 LF, Deduct	*-0.92*	
07 71 19 00-0157		**Copper Gravel Stop System With Continuous Cleat** *(07 71 19 00-0147)*		
		Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0158		**20 Ounce, Copper Gravel Stop System With Continuous Cleat** *(07 71 19 00-0157)*		
07 71 19 00-0159	LF	4" To 6" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat	67.43	2.46
		For Up To 25 LF, Add	*9.75*	
		For >25 To 100 LF, Add	*4.87*	
		For >1,000 LF, Deduct	*-0.75*	
07 71 19 00-0160	LF	>6" To 10" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat	77.59	2.93
		For Up To 25 LF, Add	*11.31*	
		For >25 To 100 LF, Add	*5.66*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0161	LF	>10" To 18" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat	89.99	3.35
		For Up To 25 LF, Add	*13.04*	
		For >25 To 100 LF, Add	*6.52*	
		For >1,000 LF, Deduct	*-1.01*	
07 71 19 00-0162		**16 Ounce, Copper Gravel Stop System With Continuous Cleat** *(07 71 19 00-0157)*		
07 71 19 00-0163	LF	4" To 6" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat	81.17	2.46
		For Up To 25 LF, Add	*11.12*	
		For >25 To 100 LF, Add	*5.56*	
		For >1,000 LF, Deduct	*-0.75*	
07 71 19 00-0164	LF	>6" To 10" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat	94.39	2.93
		For Up To 25 LF, Add	*12.99*	
		For >25 To 100 LF, Add	*6.50*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0165	LF	>10" To 18" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat	108.31	3.35
		For Up To 25 LF, Add	*14.87*	
		For >25 To 100 LF, Add	*7.44*	
		For >1,000 LF, Deduct	*-1.01*	
07 71 19 00-0166		**Fascia** *(07 71 19)*		
07 71 19 00-0167		**Snap-On Cover Fascia** *(07 71 19 00-0166)*		
		Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0168		**Galvanized Steel Snap-On Cover Fascia** *(07 71 19 00-0167)*		
07 71 19 00-0169		**KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia** *(07 71 19 00-0168)*		
07 71 19 00-0170		**24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia** *(07 71 19 00-0169)*		
07 71 19 00-0171	LF	3" To 5" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat	47.48	3.42
		For Up To 25 LF, Add	*7.48*	
		For >25 To 100 LF, Add	*3.74*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0172	LF	>5" To 7" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat	53.36	3.55
		For Up To 25 LF, Add	*8.18*	
		For >25 To 100 LF, Add	*4.09*	
		For >1,000 LF, Deduct	*-0.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0173	LF	>7" To 9" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat	57.14	3.69
		For Up To 25 LF, Add	*8.67*	
		For >25 To 100 LF, Add	*4.33*	
		For >1,000 LF, Deduct	*-0.74*	
07 71 19 00-0174		Accessories For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems *(07 71 19 00-0169)*		
07 71 19 00-0175		Fascia Sumps For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems *(07 71 19 00-0174)*		
07 71 19 00-0176	EA	Fascia Sump For 3" To 5" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	327.20	4.78
07 71 19 00-0177	EA	Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	349.42	4.78
07 71 19 00-0178	EA	Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	363.38	4.78
07 71 19 00-0179		Fascia Spillout Scuppers For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems *(07 71 19 00-0174)*		
07 71 19 00-0180	EA	Fascia Spillout Scupper For 3" To 5" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	266.69	4.78
07 71 19 00-0181	EA	Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	277.91	4.78
07 71 19 00-0182	EA	Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	284.74	4.78
07 71 19 00-0183		Aluminum Snap-On Cover Fascia *(07 71 19 00-0167)*		
07 71 19 00-0184		KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0183)*		
07 71 19 00-0185		0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0184)*		
07 71 19 00-0186	LF	3" To 5" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	25.04	3.42
		For Up To 25 LF, Add	*5.24*	
		For >25 To 100 LF, Add	*2.62*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0187	LF	>5" To 7" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	28.18	3.55
		For Up To 25 LF, Add	*5.66*	
		For >25 To 100 LF, Add	*2.83*	
		For >1,000 LF, Deduct	*-0.71*	
07 71 19 00-0188	LF	>7" To 9" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	29.87	3.69
		For Up To 25 LF, Add	*5.94*	
		For >25 To 100 LF, Add	*2.97*	
		For >1,000 LF, Deduct	*-0.74*	
07 71 19 00-0189		0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0184)*		
07 71 19 00-0190	LF	3" To 5" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	26.23	3.42
		For Up To 25 LF, Add	*5.36*	
		For >25 To 100 LF, Add	*2.68*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0191	LF	>5" To 7" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	29.71	3.55
		For Up To 25 LF, Add	*5.81*	
		For >25 To 100 LF, Add	*2.91*	
		For >1,000 LF, Deduct	*-0.71*	
07 71 19 00-0192	LF	>7" To 9" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	31.59	3.69
		For Up To 25 LF, Add	*6.11*	
		For >25 To 100 LF, Add	*3.06*	
		For >1,000 LF, Deduct	*-0.74*	
07 71 19 00-0193		Accessories For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0184)*		
07 71 19 00-0194		Fascia Sumps For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0193)*		
07 71 19 00-0195	EA	Fascia Sump For 3" To 5" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	154.44	4.78
07 71 19 00-0196	EA	Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	167.31	4.78
07 71 19 00-0197	EA	Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	172.94	4.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0198		Fascia Spillout Scuppers For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0193)*		
07 71 19 00-0199	EA	Fascia Spillout Scupper For 3" To 5" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	122.72	4.78
07 71 19 00-0200	EA	Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	129.13	4.78
07 71 19 00-0201	EA	Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	131.94	4.78
07 71 19 00-0202		Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0183)*		
07 71 19 00-0203		0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0202)*		
07 71 19 00-0204	LF	3" To 5" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	28.68	3.42
		For Up To 25 LF, Add	*5.60*	
		For >25 To 100 LF, Add	*2.80*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0205	LF	>5" To 7" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	32.39	3.55
		For Up To 25 LF, Add	*6.08*	
		For >25 To 100 LF, Add	*3.04*	
		For >1,000 LF, Deduct	*-0.71*	
07 71 19 00-0206	LF	>7" To 9" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	34.37	3.69
		For Up To 25 LF, Add	*6.39*	
		For >25 To 100 LF, Add	*3.19*	
		For >1,000 LF, Deduct	*-0.74*	
07 71 19 00-0207		0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0202)*		
07 71 19 00-0208	LF	3" To 5" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	30.11	3.42
		For Up To 25 LF, Add	*5.74*	
		For >25 To 100 LF, Add	*2.87*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0209	LF	>5" To 7" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	34.23	3.55
		For Up To 25 LF, Add	*6.26*	
		For >25 To 100 LF, Add	*3.13*	
		For >1,000 LF, Deduct	*-0.71*	
07 71 19 00-0210	LF	>7" To 9" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	36.43	3.69
		For Up To 25 LF, Add	*6.60*	
		For >25 To 100 LF, Add	*3.30*	
		For >1,000 LF, Deduct	*-0.74*	
07 71 19 00-0211		Accessories For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0202)*		
07 71 19 00-0212		Fascia Sumps For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0211)*		
07 71 19 00-0213	EA	Fascia Sump For 3" To 5" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	190.67	4.78
07 71 19 00-0214	EA	Fascia Sump For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	206.75	4.78
07 71 19 00-0215	EA	Fascia Sump For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	213.78	4.78
07 71 19 00-0216		Fascia Spillout Scuppers For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0211)*		
07 71 19 00-0217	EA	Fascia Spillout Scupper For 3" To 5" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	151.01	4.78
07 71 19 00-0218	EA	Fascia Spillout Scupper For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	159.03	4.78
07 71 19 00-0219	EA	Fascia Spillout Scupper For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	162.53	4.78
07 71 23		**Manufactured Gutters and Downspouts** *(07 71)*		
		Note: Includes all necessary support straps.		
07 71 23 00-0001		Aluminum Gutters And Downspouts *(07 71 23)*		
07 71 23 00-0002		Aluminum Gutters *(07 71 23 00-0001)*		
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0003		K-Style Aluminum Gutters *(07 71 23 00-0002)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0004	LF	5", 0.027" Thick, K-Style Aluminum Gutter	11.31	5.03
		For Up To 100', Add	*2.37*	
		For >100' To 250', Add	*0.98*	
		For >1,000', Deduct	*-0.83*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*1.36*	
07 71 23 00-0005	LF	6", 0.027" Thick, K-Style Aluminum Gutter	12.56	5.30
		For Up To 100', Add	*2.56*	
		For >100' To 250', Add	*1.06*	
		For >1,000', Deduct	*-0.87*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*1.74*	
07 71 23 00-0006	LF	5", 0.032" Thick, K-Style Aluminum Gutter	11.75	5.03
		For Up To 100', Add	*2.42*	
		For >100' To 250', Add	*1.00*	
		For >1,000', Deduct	*-0.83*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*1.56*	
07 71 23 00-0007	LF	6", 0.032" Thick, K-Style Aluminum Gutter	13.12	5.30
		For Up To 100', Add	*2.62*	
		For >100' To 250', Add	*1.09*	
		For >1,000', Deduct	*-0.87*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*1.99*	
07 71 23 00-0008	LF	7", 0.032" Thick, K-Style Aluminum Gutter	23.64	5.57
		For Up To 100', Add	*3.77*	
		For >100' To 250', Add	*1.65*	
		For >1,000', Deduct	*-0.94*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*6.42*	
07 71 23 00-0009	LF	8", 0.032" Thick, K-Style Aluminum Gutter	25.93	6.26
		For Up To 100', Add	*4.14*	
		For >100' To 250', Add	*1.81*	
		For >1,000', Deduct	*-1.03*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*7.02*	
07 71 23 00-0010	LF	8", 0.040" Thick, K-Style Aluminum Gutter	28.94	6.26
		For Up To 100', Add	*4.44*	
		For >100' To 250', Add	*1.96*	
		For >1,000', Deduct	*-1.03*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*8.37*	

07 71 23 00-0011 Half Round Aluminum Gutters *(07 71 23 00-0002)*

07 71 23 00-0012	LF	5", 0.027" Thick, Half Round Aluminum Gutter	20.03	5.03
		For Up To 100', Add	*3.25*	
		For >100' To 250', Add	*1.42*	
		For >1,000', Deduct	*-0.83*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*5.28*	
07 71 23 00-0013	LF	6", 0.032" Thick, Half Round Aluminum Gutter	23.99	5.30
		For Up To 100', Add	*3.70*	
		For >100' To 250', Add	*1.63*	
		For >1,000', Deduct	*-0.87*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*6.88*	

07 71 23 00-0014 Box Style Aluminum Gutters *(07 71 23 00-0002)*

07 71 23 00-0015	LF	6", 0.027" Thick, Box Style Aluminum Gutter	21.23	6.26
		For Up To 100', Add	*3.67*	
		For >100' To 250', Add	*1.58*	
		For >1,000', Deduct	*-1.03*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*4.91*	
07 71 23 00-0016	LF	6", 0.032" Thick, Box Style Aluminum Gutter	21.28	6.26
		For Up To 100', Add	*3.68*	
		For >100' To 250', Add	*1.58*	
		For >1,000', Deduct	*-1.03*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*4.93*	
07 71 23 00-0017	LF	7", 0.032" Thick, Box Style Aluminum Gutter	24.66	6.66
		For Up To 100', Add	*4.12*	
		For >100' To 250', Add	*1.78*	
		For >1,000', Deduct	*-1.10*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*6.14*	
07 71 23 00-0018	LF	8", 0.032" Thick, Box Style Aluminum Gutter	27.76	7.07
		For Up To 100', Add	*4.53*	
		For >100' To 250', Add	*1.97*	
		For >1,000', Deduct	*-1.17*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*7.23*	

07 71 23 00-0019 Aluminum Gutter End Caps *(07 71 23 00-0001)*

07 71 23 00-0020 K-Style, Aluminum Gutter End Caps *(07 71 23 00-0019)*

07 71 23 00-0021	EA	5", K-Style Aluminum Gutter End Cap	3.77	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*0.47*	
07 71 23 00-0022	EA	6", K-Style Aluminum Gutter End Cap	4.62	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*0.86*	
07 71 23 00-0023	EA	7", K-Style Aluminum Gutter End Cap	9.82	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*3.20*	
07 71 23 00-0024	EA	8", K-Style Aluminum Gutter End Cap	11.41	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*3.91*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0025		**Half Round, Aluminum Gutter End Caps** *(07 71 23 00-0019)*		
07 71 23 00-0026	EA	5", Half Round Aluminum Gutter End Cap	5.95	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*1.45*	
07 71 23 00-0027	EA	6", Half Round Aluminum Gutter End Cap	9.11	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*2.88*	
07 71 23 00-0028		**Box Style, Aluminum Gutter End Caps** *(07 71 23 00-0019)*		
07 71 23 00-0029	EA	6", Box Style Aluminum Gutter End Cap	10.69	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*3.59*	
07 71 23 00-0030	EA	7", Box Style Aluminum Gutter End Cap	11.60	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*4.00*	
07 71 23 00-0031	EA	8", Box Style Aluminum Gutter End Cap	13.59	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*4.89*	
07 71 23 00-0032		**Aluminum Gutter Miters** *(07 71 23 00-0001)*		
		Note: Inside or outside miters.		
07 71 23 00-0033		**K-Style, Aluminum Gutter Miters** *(07 71 23 00-0032)*		
07 71 23 00-0034	EA	5", K-Style Aluminum Gutter Miter	22.04	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*3.74*	
07 71 23 00-0035	EA	6", K-Style Aluminum Gutter Miter	29.06	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*6.47*	
07 71 23 00-0036	EA	7", K-Style Aluminum Gutter Miter	84.85	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*31.15*	
07 71 23 00-0037	EA	8", K-Style Aluminum Gutter Miter	92.08	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*33.91*	
07 71 23 00-0038		**Half Round, Aluminum Gutter Miters** *(07 71 23 00-0032)*		
07 71 23 00-0039	EA	5", Half Round Aluminum Gutter Miter	37.29	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*10.60*	
07 71 23 00-0040	EA	6", Half Round Aluminum Gutter Miter	58.07	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*19.53*	
07 71 23 00-0041		**Box Style, Aluminum Gutter Miters** *(07 71 23 00-0032)*		
07 71 23 00-0042	EA	6", Box Style Aluminum Gutter Miter	68.92	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*24.41*	
07 71 23 00-0043	EA	7", Box Style Aluminum Gutter Miter	102.16	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*38.94*	
07 71 23 00-0044	EA	8", Box Style Aluminum Gutter Miter	110.92	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*42.39*	
07 71 23 00-0045		**Aluminum Gutter Wire Strainers** *(07 71 23 00-0001)*		
07 71 23 00-0046	EA	3" Diameter, Round Aluminum Wire Strainer	16.87	3.40
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*4.41*	
		For 0.024" Thick, Add	*1.37*	
		For 0.027" Thick, Add	*2.84*	
		For 0.031" Thick, Add	*4.11*	
07 71 23 00-0047	EA	4" Diameter, Round Aluminum Wire Strainer	25.11	3.40
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*8.11*	
		For 0.024" Thick, Add	*2.52*	
		For 0.027" Thick, Add	*5.23*	
		For 0.031" Thick, Add	*7.57*	
07 71 23 00-0048		**Aluminum Downspouts** *(07 71 23 00-0001)*		
		Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0049		**Round Aluminum Downspouts** *(07 71 23 00-0048)*		
07 71 23 00-0050	LF	3" Diameter, 0.019" Thick, Round Aluminum Downspout	7.67	3.26
		For Up To 100', Add	*1.30*	
		For >100 To 250', Add	*0.56*	
		For >1,000', Deduct	*-0.35*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*1.86*	
		For 0.024" Thick, Add	*0.58*	
		For 0.027" Thick, Add	*1.20*	
		For 0.031" Thick, Add	*1.74*	
07 71 23 00-0051	LF	4" Diameter, 0.019" Thick, Round Aluminum Downspout	8.64	3.26
		For Up To 100', Add	*1.39*	
		For >100 To 250', Add	*0.61*	
		For >1,000', Deduct	*-0.35*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*2.30*	
		For 0.024" Thick, Add	*0.72*	
		For 0.027" Thick, Add	*1.48*	
		For 0.031" Thick, Add	*2.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0052		**Rectangular Aluminum Downspouts** *(07 71 23 00-0048)*		
07 71 23 00-0053	LF	2" x 3", 0.019" Thick, Rectangular Aluminum Downspout	5.65	3.26
		For Up To 100', Add	*1.09*	
		For >100 To 250', Add	*0.46*	
		For >1,000', Deduct	*-0.35*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*0.95*	
		For 0.024" Thick, Add	*0.30*	
		For 0.027" Thick, Add	*0.61*	
		For 0.031" Thick, Add	*0.89*	
07 71 23 00-0054	LF	3" x 4", 0.019" Thick, Rectangular Aluminum Downspout	6.89	3.26
		For Up To 100', Add	*1.22*	
		For >100 To 250', Add	*0.52*	
		For >1,000', Deduct	*-0.35*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*1.51*	
		For 0.024" Thick, Add	*0.47*	
		For 0.027" Thick, Add	*0.97*	
		For 0.031" Thick, Add	*1.41*	
07 71 23 00-0055	LF	4" x 5", 0.019" Thick, Rectangular Aluminum Downspout	12.09	3.26
		For Up To 100', Add	*1.74*	
		For >100 To 250', Add	*0.78*	
		For >1,000', Deduct	*-0.35*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*3.85*	
		For 0.024" Thick, Add	*1.20*	
		For 0.027" Thick, Add	*2.48*	
		For 0.031" Thick, Add	*3.60*	
07 71 23 00-0056		**Aluminum Devices** *(07 71 23 00-0001)*		
07 71 23 00-0057	EA	Thru-Wall Aluminum Scupper Outlet	295.15	30.58
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*86.94*	
07 71 23 00-0058	EA	Aluminum Leader/Conductor Head	248.26	33.99
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*81.14*	
07 71 23 00-0059		**Copper Gutters And Downspouts** *(07 71 23)*		
07 71 23 00-0060		**Copper Gutters** *(07 71 23 00-0059)*		
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0061		**K-Style Copper Gutters** *(07 71 23 00-0060)*		
07 71 23 00-0062	LF	4", 16 Ounce, K-Style Copper Gutter	19.21	4.76
		For Up To 100', Add	*3.10*	
		For >100' To 250', Add	*1.36*	
		For >1,000', Deduct	*-0.79*	
07 71 23 00-0063	LF	5", 16 Ounce, K-Style Copper Gutter	26.69	5.03
		For Up To 100', Add	*3.91*	
		For >100' To 250', Add	*1.75*	
		For >1,000', Deduct	*-0.83*	
07 71 23 00-0064	LF	6", 16 Ounce, K-Style Copper Gutter	31.62	5.30
		For Up To 100', Add	*4.47*	
		For >100' To 250', Add	*2.02*	
		For >1,000', Deduct	*-0.87*	
07 71 23 00-0065	LF	5", 20 Ounce, K-Style Copper Gutter	33.30	5.03
		For Up To 100', Add	*4.57*	
		For >100' To 250', Add	*2.08*	
		For >1,000', Deduct	*-0.83*	
07 71 23 00-0066	LF	6", 20 Ounce, K-Style Copper Gutter	40.98	5.30
		For Up To 100', Add	*5.40*	
		For >100' To 250', Add	*2.48*	
		For >1,000', Deduct	*-0.87*	
07 71 23 00-0067	LF	7", 20 Ounce, K-Style Copper Gutter	47.69	5.57
		For Up To 100', Add	*6.17*	
		For >100' To 250', Add	*2.85*	
		For >1,000', Deduct	*-0.94*	
07 71 23 00-0068	LF	8", 20 Ounce, K-Style Copper Gutter	53.01	6.26
		For Up To 100', Add	*6.85*	
		For >100' To 250', Add	*3.17*	
		For >1,000', Deduct	*-1.03*	
07 71 23 00-0069		**Half Round Copper Gutters** *(07 71 23 00-0060)*		
07 71 23 00-0070	LF	5", 16 Ounce, Half Round Copper Gutter	23.24	5.03
		For Up To 100', Add	*3.57*	
		For >100' To 250', Add	*1.58*	
		For >1,000', Deduct	*-0.83*	
07 71 23 00-0071	LF	6", 16 Ounce, Half Round Copper Gutter	29.05	5.30
		For Up To 100', Add	*4.21*	
		For >100' To 250', Add	*1.89*	
		For >1,000', Deduct	*-0.87*	
07 71 23 00-0072	LF	7", 16 Ounce, Half Round Copper Gutter	47.69	5.57
		For Up To 100', Add	*6.17*	
		For >100' To 250', Add	*2.85*	
		For >1,000', Deduct	*-0.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0073	LF	5", 20 Ounce, Half Round Copper Gutter	26.85	5.03
		For Up To 100', Add	*3.93*	
		For >100' To 250', Add	*1.76*	
		For >1,000', Deduct	*-0.83*	
07 71 23 00-0074	LF	6", 20 Ounce, Half Round Copper Gutter	32.89	5.30
		For Up To 100', Add	*4.59*	
		For >100' To 250', Add	*2.08*	
		For >1,000', Deduct	*-0.87*	
07 71 23 00-0075	LF	7", 20 Ounce, Half Round Copper Gutter	50.03	5.57
		For Up To 100', Add	*6.41*	
		For >100' To 250', Add	*2.97*	
		For >1,000', Deduct	*-0.94*	
07 71 23 00-0076	LF	8", 20 Ounce, Half Round Copper Gutter	56.78	6.26
		For Up To 100', Add	*7.23*	
		For >100' To 250', Add	*3.36*	
		For >1,000', Deduct	*-1.03*	
07 71 23 00-0077		**Box Style Copper Gutters** *(07 71 23 00-0060)*		
07 71 23 00-0078	LF	5", 16 Ounce, Box Style Copper Gutter	29.41	5.71
		For Up To 100', Add	*4.37*	
		For >100' To 250', Add	*1.95*	
		For >1,000', Deduct	*-0.95*	
07 71 23 00-0079	LF	6", 16 Ounce, Box Style Copper Gutter	31.92	6.26
		For Up To 100', Add	*4.74*	
		For >100' To 250', Add	*2.11*	
		For >1,000', Deduct	*-1.03*	
07 71 23 00-0080	LF	7", 16 Ounce, Box Style Copper Gutter	38.57	6.66
		For Up To 100', Add	*5.51*	
		For >100' To 250', Add	*2.48*	
		For >1,000', Deduct	*-1.10*	
07 71 23 00-0081	LF	8", 16 Ounce, Box Style Copper Gutter	39.39	7.07
		For Up To 100', Add	*5.69*	
		For >100' To 250', Add	*2.55*	
		For >1,000', Deduct	*-1.17*	
07 71 23 00-0082	LF	5", 20 Ounce, Box Style Copper Gutter	32.94	5.71
		For Up To 100', Add	*4.72*	
		For >100' To 250', Add	*2.12*	
		For >1,000', Deduct	*-0.95*	
07 71 23 00-0083	LF	6", 20 Ounce, Box Style Copper Gutter	35.44	6.26
		For Up To 100', Add	*5.09*	
		For >100' To 250', Add	*2.29*	
		For >1,000', Deduct	*-1.03*	
07 71 23 00-0084	LF	7", 20 Ounce, Box Style Copper Gutter	42.10	6.66
		For Up To 100', Add	*5.86*	
		For >100' To 250', Add	*2.66*	
		For >1,000', Deduct	*-1.10*	
07 71 23 00-0085	LF	8", 20 Ounce, Box Style Copper Gutter	42.92	7.07
		For Up To 100', Add	*6.05*	
		For >100' To 250', Add	*2.73*	
		For >1,000', Deduct	*-1.17*	
07 71 23 00-0086		**Copper Gutter End Caps** *(07 71 23 00-0059)*		
07 71 23 00-0087		**K-Style, Copper Gutter End Caps** *(07 71 23 00-0086)*		
07 71 23 00-0088	EA	4", K-Style Copper Gutter End Cap	6.62	
07 71 23 00-0089	EA	5", K-Style Copper Gutter End Cap	7.06	
07 71 23 00-0090	EA	6", K-Style Copper Gutter End Cap	7.49	
07 71 23 00-0091	EA	7", K-Style Copper Gutter End Cap	19.04	
07 71 23 00-0092	EA	8", K-Style Copper Gutter End Cap	23.09	
07 71 23 00-0093		**Half Round, Copper Gutter End Caps** *(07 71 23 00-0086)*		
07 71 23 00-0094	EA	4", Half Round Copper Gutter End Cap	7.90	
07 71 23 00-0095	EA	5", Half Round Copper Gutter End Cap	8.82	
07 71 23 00-0096	EA	6", Half Round Copper Gutter End Cap	13.05	
07 71 23 00-0097	EA	7", Half Round Copper Gutter End Cap	38.21	
07 71 23 00-0098	EA	8", Half Round Copper Gutter End Cap	45.03	
07 71 23 00-0099		**Box Style, Copper Gutter End Caps** *(07 71 23 00-0086)*		
07 71 23 00-0100	EA	5", Box Style Copper Gutter End Cap	14.71	
07 71 23 00-0101	EA	6", Box Style Copper Gutter End Cap	15.41	
07 71 23 00-0102	EA	7", Box Style Copper Gutter End Cap	16.12	
07 71 23 00-0103	EA	8", Box Style Copper Gutter End Cap	17.53	
07 71 23 00-0104		**Copper Gutter Miters** *(07 71 23 00-0059)*		
		Note: Inside or outside miters.		
07 71 23 00-0105		**K-Style, Copper Gutter Miters** *(07 71 23 00-0104)*		
07 71 23 00-0106	EA	4", K-Style Copper Gutter Miter	41.72	
07 71 23 00-0107	EA	5", K-Style Copper Gutter Miter	47.12	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0108	EA	6", K-Style Copper Gutter Miter	66.85	
07 71 23 00-0109	EA	7", K-Style Copper Gutter Miter	93.58	
07 71 23 00-0110	EA	8", K-Style Copper Gutter Miter	109.48	

07 71 23 00-0111 Half Round, Copper Gutter Miters *(07 71 23 00-0104)*

07 71 23 00-0112	EA	4", Half Round Copper Gutter Miter	63.77	
07 71 23 00-0113	EA	5", Half Round Copper Gutter Miter	59.34	
07 71 23 00-0114	EA	6", Half Round Copper Gutter Miter	84.53	
07 71 23 00-0115	EA	7", Half Round Copper Gutter Miter	100.45	
07 71 23 00-0116	EA	8", Half Round Copper Gutter Miter	118.37	

07 71 23 00-0117 Box Style, Copper Gutter Miters *(07 71 23 00-0104)*

07 71 23 00-0118	EA	5", 16 Ounce Box Style Copper Gutter Miter	70.08	
07 71 23 00-0119	EA	6", 16 Ounce Box Style Copper Gutter Miter	72.44	
07 71 23 00-0120	EA	7", 16 Ounce Box Style Copper Gutter Miter	79.03	
07 71 23 00-0121	EA	8", 16 Ounce Box Style Copper Gutter Miter	80.77	
07 71 23 00-0122	EA	5", 20 Ounce Box Style Copper Gutter Miter	77.13	
07 71 23 00-0123	EA	6", 20 Ounce Box Style Copper Gutter Miter	79.49	
07 71 23 00-0124	EA	7", 20 Ounce Box Style Copper Gutter Miter	86.08	
07 71 23 00-0125	EA	8", 20 Ounce Box Style Copper Gutter Miter	94.22	

07 71 23 00-0126 Copper Gutter Wire Strainers *(07 71 23 00-0059)*

07 71 23 00-0127	EA	2" Diameter, Round Copper Wire Strainer	21.89	3.40
07 71 23 00-0128	EA	3" Diameter, Round Copper Wire Strainer	26.76	3.40
07 71 23 00-0129	EA	4" Diameter, Round Copper Wire Strainer	42.65	3.40
07 71 23 00-0130	EA	5" Diameter, Round Copper Wire Strainer	56.48	3.40
07 71 23 00-0131	EA	6" Diameter, Round Copper Wire Strainer	68.07	3.40

07 71 23 00-0132 Copper Downspouts *(07 71 23 00-0059)*

Note: Includes elbows, hangers and fasteners.

07 71 23 00-0133 Round Copper Downspouts *(07 71 23 00-0132)*

07 71 23 00-0134	LF	2" Diameter, 16 Ounce, Round Copper Downspout	25.89	3.26
		For Up To 100', Add	*3.12*	
		For >100 To 250', Add	*1.47*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0135	LF	3" Diameter, 16 Ounce, Round Copper Downspout	18.26	3.26
		For Up To 100', Add	*2.36*	
		For >100 To 250', Add	*1.09*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0136	LF	4" Diameter, 16 Ounce, Round Copper Downspout	22.82	3.26
		For Up To 100', Add	*2.81*	
		For >100 To 250', Add	*1.32*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0137	LF	5" Diameter, 16 Ounce, Round Copper Downspout	36.03	3.26
		For Up To 100', Add	*4.13*	
		For >100 To 250', Add	*1.98*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0138	LF	6" Diameter, 16 Ounce, Round Copper Downspout	46.11	3.26
		For Up To 100', Add	*5.14*	
		For >100 To 250', Add	*2.48*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0139	LF	3" Diameter, 20 Ounce, Round Copper Downspout	24.44	3.26
		For Up To 100', Add	*2.97*	
		For >100 To 250', Add	*1.40*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0140	LF	4" Diameter, 20 Ounce, Round Copper Downspout	31.49	3.26
		For Up To 100', Add	*3.68*	
		For >100 To 250', Add	*1.75*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0141	LF	5" Diameter, 20 Ounce, Round Copper Downspout	47.49	3.26
		For Up To 100', Add	*5.28*	
		For >100 To 250', Add	*2.55*	
		For >1,000', Deduct	*-0.35*	

07 71 23 00-0142 Square Copper Downspouts *(07 71 23 00-0132)*

07 71 23 00-0143	LF	3" Diameter, 16 Ounce, Square Copper Downspout	12.88	3.26
		For Up To 100', Add	*1.82*	
		For >100 To 250', Add	*0.82*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0144	LF	4" Diameter, 16 Ounce, Square Copper Downspout	15.91	3.26
		For Up To 100', Add	*2.12*	
		For >100 To 250', Add	*0.97*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0145	LF	5" Diameter, 16 Ounce, Square Copper Downspout	22.45	3.26
		For Up To 100', Add	*2.77*	
		For >100 To 250', Add	*1.30*	
		For >1,000', Deduct	*-0.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0146	LF	3" Diameter, 20 Ounce, Square Copper Downspout	14.75	3.26
		For Up To 100', Add	*2.00*	
		For >100 To 250', Add	*0.91*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0147	LF	4" Diameter, 20 Ounce, Square Copper Downspout	18.53	3.26
		For Up To 100', Add	*2.38*	
		For >100 To 250', Add	*1.10*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0148	LF	5" Diameter, 20 Ounce, Square Copper Downspout	26.30	3.26
		For Up To 100', Add	*3.16*	
		For >100 To 250', Add	*1.49*	
		For >1,000', Deduct	*-0.35*	

07 71 23 00-0149 Rectangular Copper Downspouts *(07 71 23 00-0132)*

07 71 23 00-0150	LF	2" x 3", 16 Ounce, Rectangular Copper Downspout	18.73	3.26
		For Up To 100', Add	*2.40*	
		For >100 To 250', Add	*1.11*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0151	LF	3" x 4", 16 Ounce, Rectangular Copper Downspout	23.50	3.26
		For Up To 100', Add	*2.88*	
		For >100 To 250', Add	*1.35*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0152	LF	4" x 5", 16 Ounce, Rectangular Copper Downspout	33.11	3.26
		For Up To 100', Add	*3.84*	
		For >100 To 250', Add	*1.83*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0153	LF	2" x 3", 20 Ounce, Rectangular Copper Downspout	21.69	3.26
		For Up To 100', Add	*2.70*	
		For >100 To 250', Add	*1.26*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0154	LF	3" x 4", 20 Ounce, Rectangular Copper Downspout	27.60	3.26
		For Up To 100', Add	*3.29*	
		For >100 To 250', Add	*1.56*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0155	LF	4" x 5", 20 Ounce, Rectangular Copper Downspout	39.30	3.26
		For Up To 100', Add	*4.46*	
		For >100 To 250', Add	*2.14*	
		For >1,000', Deduct	*-0.35*	

07 71 23 00-0156 Copper Devices And Accessories *(07 71 23 00-0059)*

07 71 23 00-0157	EA	Thru-Wall Copper Scupper Outlet	229.24	30.58
07 71 23 00-0158	EA	Copper Leader/Conductor Head	310.30	33.99
07 71 23 00-0159	EA	Copper Eave Box	139.77	20.39

07 71 23 00-0160 Galvanized Steel Gutters And Downspouts *(07 71 23)*

07 71 23 00-0161 Galvanized Steel Gutters *(07 71 23 00-0160)*

Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.

07 71 23 00-0162 K-Style Galvanized Steel Gutters *(07 71 23 00-0161)*

07 71 23 00-0163	LF	5", 26 Gauge, K-Style Galvanized Steel Gutter	15.37	5.03
		For Up To 100', Add	*2.78*	
		For >100' To 250', Add	*1.18*	
		For >1,000', Deduct	*-0.83*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*3.19*	
		For 24 Gauge, Add	*1.98*	
		For 22 Gauge, Add	*3.89*	
07 71 23 00-0164	LF	6", 26 Gauge, K-Style Galvanized Steel Gutter	17.94	5.30
		For Up To 100', Add	*3.10*	
		For >100' To 250', Add	*1.33*	
		For >1,000', Deduct	*-0.87*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*4.16*	
		For 24 Gauge, Add	*2.59*	
		For 22 Gauge, Add	*5.08*	
07 71 23 00-0165	LF	7", 26 Gauge, K-Style Galvanized Steel Gutter	37.79	5.57
		For Up To 100', Add	*5.18*	
		For >100' To 250', Add	*2.36*	
		For >1,000', Deduct	*-0.94*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*12.79*	
		For 24 Gauge, Add	*7.96*	
		For 22 Gauge, Add	*15.63*	
07 71 23 00-0166	LF	8", 26 Gauge, K-Style Galvanized Steel Gutter	39.83	6.26
		For Up To 100', Add	*5.53*	
		For >100' To 250', Add	*2.51*	
		For >1,000', Deduct	*-1.03*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*13.28*	
		For 24 Gauge, Add	*8.26*	
		For 22 Gauge, Add	*16.23*	

07 71 23 00-0167 Half Round Galvanized Steel Gutters *(07 71 23 00-0161)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0168	LF	5", 26 Gauge, Half Round Galvanized Steel Gutter	22.68	5.03
		For Up To 100', Add	*3.51*	
		For >100' To 250', Add	*1.55*	
		For >1,000', Deduct	*-0.83*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*6.48*	
		For 24 Gauge, Add	*4.03*	
		For 22 Gauge, Add	*7.91*	
07 71 23 00-0169	LF	6", 26 Gauge, Half Round Galvanized Steel Gutter	28.70	5.30
		For Up To 100', Add	*4.18*	
		For >100' To 250', Add	*1.87*	
		For >1,000', Deduct	*-0.87*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*9.00*	
		For 24 Gauge, Add	*5.60*	
		For 22 Gauge, Add	*11.00*	
07 71 23 00-0170	LF	7", 26 Gauge, Half Round Galvanized Steel Gutter	73.08	5.57
		For Up To 100', Add	*8.71*	
		For >100' To 250', Add	*4.12*	
		For >1,000', Deduct	*-0.94*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*28.67*	
		For 24 Gauge, Add	*17.84*	
		For 22 Gauge, Add	*35.04*	
07 71 23 00-0171	LF	8", 26 Gauge, Half Round Galvanized Steel Gutter	77.96	6.26
		For Up To 100', Add	*9.35*	
		For >100' To 250', Add	*4.41*	
		For >1,000', Deduct	*-1.03*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*30.43*	
		For 24 Gauge, Add	*18.94*	
		For 22 Gauge, Add	*37.20*	

07 71 23 00-0172 Box Style Galvanized Steel Gutters *(07 71 23 00-0161)*

07 71 23 00-0173	LF	5", 24 Gauge, Box Style Galvanized Steel Gutter	27.17	5.71
		For Up To 100', Add	*4.15*	
		For >100' To 250', Add	*1.83*	
		For >1,000', Deduct	*-0.95*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*7.94*	
		For 22 Gauge, Add	*3.88*	
07 71 23 00-0174	LF	6", 24 Gauge, Box Style Galvanized Steel Gutter	31.94	6.26
		For Up To 100', Add	*4.74*	
		For >100' To 250', Add	*2.11*	
		For >1,000', Deduct	*-1.03*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*9.72*	
		For 22 Gauge, Add	*4.75*	
07 71 23 00-0175	LF	7", 24 Gauge, Box Style Galvanized Steel Gutter	40.60	5.57
		For Up To 100', Add	*5.47*	
		For >100' To 250', Add	*2.50*	
		For >1,000', Deduct	*-0.94*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*14.05*	
		For 22 Gauge, Add	*6.87*	
07 71 23 00-0176	LF	8", 24 Gauge, Box Style Galvanized Steel Gutter	45.02	7.07
		For Up To 100', Add	*6.26*	
		For >100' To 250', Add	*2.84*	
		For >1,000', Deduct	*-1.17*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*15.00*	
		For 22 Gauge, Add	*7.33*	

07 71 23 00-0177 Galvanized Steel Gutter End Caps *(07 71 23 00-0160)*

07 71 23 00-0178 K-Style, Galvanized Steel Gutter End Caps *(07 71 23 00-0177)*

07 71 23 00-0179	EA	5", K-Style Galvanized Steel Gutter End Cap	6.96
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*1.91*
07 71 23 00-0180	EA	6", K-Style Galvanized Steel Gutter End Cap	8.08
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*2.41*
07 71 23 00-0181	EA	7", K-Style Galvanized Steel Gutter End Cap	17.97
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*6.86*
07 71 23 00-0182	EA	8", K-Style Galvanized Steel Gutter End Cap	26.24
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*10.58*

07 71 23 00-0183 Half Round, Galvanized Steel Gutter End Caps *(07 71 23 00-0177)*

07 71 23 00-0184	EA	5", Half Round Galvanized Steel Gutter End Cap	9.06
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*2.85*
07 71 23 00-0185	EA	6", Half Round Galvanized Steel Gutter End Cap	10.48
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*3.49*
07 71 23 00-0186	EA	7", Half Round Galvanized Steel Gutter End Cap	19.87
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*7.72*
07 71 23 00-0187	EA	8", Half Round Galvanized Steel Gutter End Cap	26.99
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*10.92*

07 71 23 00-0188 Box Style, Galvanized Steel Gutter End Caps *(07 71 23 00-0177)*

07 71 23 00-0189	EA	5", Box Style Galvanized Steel Gutter End Cap	16.55
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*6.22*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0190	EA	6", Box Style Galvanized Steel Gutter End Cap	20.01	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*7.78*	
07 71 23 00-0191	EA	7", Box Style Galvanized Steel Gutter End Cap	22.46	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*8.88*	
07 71 23 00-0192	EA	8", Box Style Galvanized Steel Gutter End Cap	30.22	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*12.38*	

07 71 23 00-0193 Galvanized Steel Gutter Miters *(07 71 23 00-0160)*

Note: Inside or outside miters.

07 71 23 00-0194 K-Style, Galvanized Steel Gutter Miters *(07 71 23 00-0193)*

07 71 23 00-0195	EA	5", K-Style Galvanized Steel Gutter Miter	42.46	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*12.93*	
07 71 23 00-0196	EA	6", K-Style Galvanized Steel Gutter Miter	69.65	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*24.74*	
07 71 23 00-0197	EA	7", K-Style Galvanized Steel Gutter Miter	112.30	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*43.50*	
07 71 23 00-0198	EA	8", K-Style Galvanized Steel Gutter Miter	126.33	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*49.32*	

07 71 23 00-0199 Half Round, Galvanized Steel Gutter Miters *(07 71 23 00-0193)*

07 71 23 00-0200	EA	5", Half Round Galvanized Steel Gutter Miter	58.70	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*20.24*	
07 71 23 00-0201	EA	6", Half Round Galvanized Steel Gutter Miter	66.06	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*23.12*	
07 71 23 00-0202	EA	7", Half Round Galvanized Steel Gutter Miter	190.34	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*78.62*	
07 71 23 00-0203	EA	8", Half Round Galvanized Steel Gutter Miter	201.14	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*82.99*	

07 71 23 00-0204 Box Style, Galvanized Steel Gutter Miters *(07 71 23 00-0193)*

07 71 23 00-0205	EA	5", Box Style Galvanized Steel Gutter Miter	55.45	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*18.77*	
07 71 23 00-0206	EA	6", Box Style Galvanized Steel Gutter Miter	91.15	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*34.41*	
07 71 23 00-0207	EA	7", Box Style Galvanized Steel Gutter Miter	118.77	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*46.41*	
07 71 23 00-0208	EA	8", Box Style Galvanized Steel Gutter Miter	126.33	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*49.32*	

07 71 23 00-0209 Galvanized Steel Gutter Wire Strainers *(07 71 23 00-0160)*

07 71 23 00-0210	EA	3" Diameter, Round Galvanized Steel Wire Strainer	14.87	3.40
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*3.51*	
07 71 23 00-0211	EA	4" Diameter, Round Galvanized Steel Wire Strainer	21.52	3.40
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*6.50*	

07 71 23 00-0212 Galvanized Steel Downspouts *(07 71 23 00-0160)*

Note: Includes elbows, hangers and fasteners.

07 71 23 00-0213 Round Galvanized Steel Downspouts *(07 71 23 00-0212)*

07 71 23 00-0214	LF	3" Diameter, 26 Gauge, Round Galvanized Steel Downspout	8.70	3.26
		For Up To 100', Add	*1.40*	
		For >100 To 250', Add	*0.61*	
		For >1,000', Deduct	*-0.35*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*2.33*	
		For 24 Gauge, Add	*1.45*	
		For 22 Gauge, Add	*2.84*	
07 71 23 00-0215	LF	4" Diameter, 26 Gauge, Round Galvanized Steel Downspout	10.91	3.26
		For Up To 100', Add	*1.62*	
		For >100 To 250', Add	*0.72*	
		For >1,000', Deduct	*-0.35*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*3.32*	
		For 24 Gauge, Add	*2.07*	
		For 22 Gauge, Add	*4.06*	
07 71 23 00-0216	LF	5" Diameter, 26 Gauge, Round Galvanized Steel Downspout	15.00	3.26
		For Up To 100', Add	*2.03*	
		For >100 To 250', Add	*0.93*	
		For >1,000', Deduct	*-0.35*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*5.16*	
		For 24 Gauge, Add	*3.21*	
		For 22 Gauge, Add	*6.31*	
07 71 23 00-0217	LF	6" Diameter, 26 Gauge, Round Galvanized Steel Downspout	33.87	3.26
		For Up To 100', Add	*3.92*	
		For >100 To 250', Add	*1.87*	
		For >1,000', Deduct	*-0.35*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*13.65*	
		For 24 Gauge, Add	*8.50*	
		For 22 Gauge, Add	*16.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0218		**Square Galvanized Steel Downspouts** *(07 71 23 00-0212)*		
07 71 23 00-0219	LF	4" x 4", 26 Gauge, Square Galvanized Steel Downspout	9.93	3.26
		For Up To 100', Add	*1.52*	
		For >100 To 250', Add	*0.67*	
		For >1,000', Deduct	*-0.35*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*2.88*	
		For 24 Gauge, Add	*1.79*	
		For 22 Gauge, Add	*3.52*	
07 71 23 00-0220	LF	5" x 5", 26 Gauge, Square Galvanized Steel Downspout	12.84	3.26
		For Up To 100', Add	*1.81*	
		For >100 To 250', Add	*0.82*	
		For >1,000', Deduct	*-0.35*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*4.19*	
		For 24 Gauge, Add	*2.61*	
		For 22 Gauge, Add	*5.12*	
07 71 23 00-0221		**Rectangular Galvanized Steel Downspouts** *(07 71 23 00-0212)*		
07 71 23 00-0222	LF	2" x 3", 26 Gauge, Rectangular Galvanized Steel Downspout	8.87	3.26
		For Up To 100', Add	*1.42*	
		For >100 To 250', Add	*0.62*	
		For >1,000', Deduct	*-0.35*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*2.40*	
		For 24 Gauge, Add	*1.50*	
		For 22 Gauge, Add	*2.94*	
07 71 23 00-0223	LF	3" x 4", 26 Gauge, Rectangular Galvanized Steel Downspout	11.41	3.26
		For Up To 100', Add	*1.67*	
		For >100 To 250', Add	*0.75*	
		For >1,000', Deduct	*-0.35*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*3.55*	
		For 24 Gauge, Add	*2.21*	
		For 22 Gauge, Add	*4.33*	
07 71 23 00-0224	LF	4" x 5", 26 Gauge, Rectangular Galvanized Steel Downspout	21.56	3.26
		For Up To 100', Add	*2.69*	
		For >100 To 250', Add	*1.25*	
		For >1,000', Deduct	*-0.35*	
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*8.11*	
		For 24 Gauge, Add	*5.05*	
		For 22 Gauge, Add	*9.92*	
07 71 23 00-0225		**Galvanized Steel Devices** *(07 71 23 00-0160)*		
07 71 23 00-0226	EA	Galvanized Steel Leader/Conductor Head	398.03	33.99
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*148.53*	
07 71 23 00-0227	EA	Thru-Wall Galvanized Steel Scupper Outlet	186.16	30.58
		For Polyvinylidene Fluoride (PVDF) Resin (Kynar 500®) Finish, Add	*37.89*	
07 71 23 00-0228		**Stainless Steel Gutters And Downspouts** *(07 71 23)*		
		Note: AISI type 304 stainless steel.		
07 71 23 00-0229		**Stainless Steel Gutters** *(07 71 23 00-0228)*		
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0230		**K-Style, Stainless Steel Gutters** *(07 71 23 00-0229)*		
07 71 23 00-0231	LF	5", 26 Gauge, K-Style Stainless Steel Gutter	38.86	5.03
		For Up To 100', Add	*5.13*	
		For >100' To 250', Add	*2.36*	
		For >1,000', Deduct	*-0.83*	
		For 316 Stainless Steel, Add	*11.62*	
		For 24 Gauge, Add	*10.09*	
		For 22 Gauge, Add	*20.18*	
		For 20 Gauge, Add	*30.26*	
07 71 23 00-0232	LF	6", 26 Gauge, K-Style Stainless Steel Gutter	46.92	5.30
		For Up To 100', Add	*6.00*	
		For >100' To 250', Add	*2.78*	
		For >1,000', Deduct	*-0.87*	
		For 316 Stainless Steel, Add	*14.52*	
		For 24 Gauge, Add	*12.61*	
		For 22 Gauge, Add	*25.23*	
		For 20 Gauge, Add	*37.84*	
07 71 23 00-0233		**Half Round, Stainless Steel Gutters** *(07 71 23 00-0229)*		
07 71 23 00-0234	LF	5", 26 Gauge, Half Round Stainless Steel Gutter	54.57	5.03
		For Up To 100', Add	*6.70*	
		For >100' To 250', Add	*3.14*	
		For >1,000', Deduct	*-0.83*	
		For 316 Stainless Steel, Add	*17.59*	
		For 24 Gauge, Add	*15.27*	
		For 22 Gauge, Add	*30.54*	
		For 20 Gauge, Add	*45.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0235	LF	6", 26 Gauge, Half Round Stainless Steel Gutter	66.46	5.30
		For Up To 100', Add	*7.95*	
		For >100' To 250', Add	*3.76*	
		For >1,000', Deduct	*-0.87*	
		For 316 Stainless Steel, Add	*21.95*	
		For 24 Gauge, Add	*19.06*	
		For 22 Gauge, Add	*38.12*	
		For 20 Gauge, Add	*57.18*	
07 71 23 00-0236		Box Style, Stainless Steel Gutters *(07 71 23 00-0229)*		
07 71 23 00-0237	LF	5", 26 Gauge, Box Style Stainless Steel Gutter	53.11	5.71
		For Up To 100', Add	*6.74*	
		For >100' To 250', Add	*3.13*	
		For >1,000', Deduct	*-0.95*	
		For 316 Stainless Steel, Add	*16.56*	
		For 24 Gauge, Add	*14.38*	
		For 22 Gauge, Add	*28.77*	
		For 20 Gauge, Add	*43.15*	
		For 18 Gauge, Add	*72.36*	
		For Seamless Gutter, Add	*-0.75*	
07 71 23 00-0238	LF	6", 26 Gauge, Box Style Stainless Steel Gutter	65.09	6.26
		For Up To 100', Add	*8.06*	
		For >100' To 250', Add	*3.77*	
		For >1,000', Deduct	*-1.03*	
		For 316 Stainless Steel, Add	*20.81*	
		For 24 Gauge, Add	*18.07*	
		For 22 Gauge, Add	*36.14*	
		For 20 Gauge, Add	*54.21*	
		For 18 Gauge, Add	*90.90*	
		For Seamless Gutter, Add	*-1.19*	
07 71 23 00-0239	LF	7", 26 Gauge, Box Style Stainless Steel Gutter	77.18	6.66
		For Up To 100', Add	*9.37*	
		For >100' To 250', Add	*4.41*	
		For >1,000', Deduct	*-1.10*	
		For 316 Stainless Steel, Add	*25.14*	
		For 24 Gauge, Add	*21.84*	
		For 22 Gauge, Add	*43.67*	
		For 20 Gauge, Add	*65.51*	
		For 18 Gauge, Add	*109.84*	
		For Seamless Gutter, Add	*-1.66*	
07 71 23 00-0240	LF	8", 26 Gauge, Box Style Stainless Steel Gutter	83.99	7.07
		For Up To 100', Add	*10.15*	
		For >100' To 250', Add	*4.78*	
		For >1,000', Deduct	*-1.17*	
		For 316 Stainless Steel, Add	*27.47*	
		For 24 Gauge, Add	*23.86*	
		For 22 Gauge, Add	*47.72*	
		For 20 Gauge, Add	*71.58*	
		For 18 Gauge, Add	*120.02*	
		For Seamless Gutter, Add	*-1.86*	
07 71 23 00-0241		Stainless Steel Gutter End Caps *(07 71 23 00-0228)*		
07 71 23 00-0242		K-Style, Stainless Steel Gutter End Caps *(07 71 23 00-0241)*		
07 71 23 00-0243	EA	5", K-Style Stainless Steel Gutter End Cap	12.28	
		For 316 Stainless Steel, Add	*3.63*	
07 71 23 00-0244	EA	6", K-Style Stainless Steel Gutter End Cap	14.19	
		For 316 Stainless Steel, Add	*4.36*	
07 71 23 00-0245		Half Round, Stainless Steel Gutter End Caps *(07 71 23 00-0241)*		
07 71 23 00-0246	EA	5", Half Round Stainless Steel Gutter End Cap	14.67	
		For 316 Stainless Steel, Add	*4.54*	
07 71 23 00-0247	EA	6", Half Round Stainless Steel Gutter End Cap	17.06	
		For 316 Stainless Steel, Add	*5.45*	
07 71 23 00-0248		Box Style, Stainless Steel Gutter End Caps *(07 71 23 00-0241)*		
07 71 23 00-0249	EA	5", Box Style Stainless Steel Gutter End Cap	15.35	
		For 316 Stainless Steel, Add	*4.54*	
07 71 23 00-0250	EA	6", Box Style Stainless Steel Gutter End Cap	17.74	
		For 316 Stainless Steel, Add	*5.45*	
07 71 23 00-0251	EA	7", Box Style Stainless Steel Gutter End Cap	18.66	
		For 316 Stainless Steel, Add	*5.89*	
07 71 23 00-0252	EA	8", Box Style Stainless Steel Gutter End Cap	22.69	
		For 316 Stainless Steel, Add	*7.25*	
07 71 23 00-0253		Stainless Steel Gutter Miters *(07 71 23 00-0228)*		
		Note: Inside or outside box miters.		
07 71 23 00-0254		K-Style, Stainless Steel Gutter Miters *(07 71 23 00-0253)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0255	EA	5", K-Style Stainless Steel Gutter Miter	63.13	
		For 316 Stainless Steel, Add	*18.77*	
07 71 23 00-0256	EA	6", K-Style Stainless Steel Gutter Miter	102.33	
		For 316 Stainless Steel, Add	*33.31*	
07 71 23 00-0257		**Half Round, Stainless Steel Gutter Miters** *(07 71 23 00-0253)*		
07 71 23 00-0258	EA	5", Half Round Stainless Steel Gutter Miter	158.75	
		For 316 Stainless Steel, Add	*55.11*	
07 71 23 00-0259	EA	6", Half Round Stainless Steel Gutter Miter	194.69	
		For 316 Stainless Steel, Add	*68.40*	
07 71 23 00-0260		**Box-Style, Stainless Steel Gutter Miters** *(07 71 23 00-0253)*		
07 71 23 00-0261	EA	5", Box-Style Stainless Steel Gutter Miter	73.01	
		For 316 Stainless Steel, Add	*22.53*	
07 71 23 00-0262	EA	6", Box-Style Stainless Steel Gutter Miter	119.86	
		For 316 Stainless Steel, Add	*39.97*	
07 71 23 00-0263	EA	7", Box-Style Stainless Steel Gutter Miter	138.34	
		For 316 Stainless Steel, Add	*46.63*	
07 71 23 00-0264	EA	8", Box-Style Stainless Steel Gutter Miter	156.96	
		For 316 Stainless Steel, Add	*53.29*	
07 71 23 00-0265		**Stainless Steel Gutter Wire Strainers** *(07 71 23 00-0228)*		
07 71 23 00-0266	EA	3" Diameter, Round Stainless Steel Wire Strainer	49.02	3.40
07 71 23 00-0267	EA	4" Diameter, Round Stainless Steel Wire Strainer	50.16	3.40
07 71 23 00-0268		**Stainless Steel Downspouts** *(07 71 23 00-0228)*		
		Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0269		**Round Stainless Steel Downspouts** *(07 71 23 00-0268)*		
07 71 23 00-0270	LF	3" Diameter, 26 Gauge, Round Stainless Steel Downspout	23.28	3.26
		For Up To 100', Add	*2.86*	
		For >100 To 250', Add	*1.34*	
		For >1,000', Deduct	*-0.35*	
		For 316 Stainless Steel, Add	*7.51*	
		For 24 Gauge, Add	*6.52*	
		For 22 Gauge, Add	*13.04*	
		For 20 Gauge, Add	*19.55*	
07 71 23 00-0271	LF	4" Diameter, 26 Gauge, Round Stainless Steel Downspout	30.94	3.26
		For Up To 100', Add	*3.62*	
		For >100 To 250', Add	*1.72*	
		For >1,000', Deduct	*-0.35*	
		For 316 Stainless Steel, Add	*10.42*	
		For 24 Gauge, Add	*9.05*	
		For 22 Gauge, Add	*18.09*	
		For 20 Gauge, Add	*27.14*	
07 71 23 00-0272	LF	5" Diameter, 26 Gauge, Round Stainless Steel Downspout	45.41	3.26
		For Up To 100', Add	*5.07*	
		For >100 To 250', Add	*2.45*	
		For >1,000', Deduct	*-0.35*	
		For 316 Stainless Steel, Add	*15.91*	
		For 24 Gauge, Add	*13.82*	
		For 22 Gauge, Add	*27.64*	
		For 20 Gauge, Add	*41.46*	
07 71 23 00-0273		**Rectangular Stainless Steel Downspouts** *(07 71 23 00-0268)*		
07 71 23 00-0274	LF	2" x 3", 26 Gauge, Rectangular Stainless Steel Downspout	23.85	3.26
		For Up To 100', Add	*2.91*	
		For >100 To 250', Add	*1.37*	
		For >1,000', Deduct	*-0.35*	
		For 316 Stainless Steel, Add	*7.72*	
		For 24 Gauge, Add	*6.71*	
		For 22 Gauge, Add	*13.41*	
		For 20 Gauge, Add	*20.12*	
		For 18 Gauge, Add	*33.73*	
07 71 23 00-0275	LF	3" x 4", 26 Gauge, Rectangular Stainless Steel Downspout	32.09	3.26
		For Up To 100', Add	*3.74*	
		For >100 To 250', Add	*1.78*	
		For >1,000', Deduct	*-0.35*	
		For 316 Stainless Steel, Add	*10.85*	
		For 24 Gauge, Add	*9.42*	
		For 22 Gauge, Add	*18.85*	
		For 20 Gauge, Add	*28.27*	
		For 18 Gauge, Add	*47.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0276	LF	4" x 5", 26 Gauge, Rectangular Stainless Steel Downspout	41.73	3.26
		For Up To 100', Add	*4.70*	
		For >100 To 250', Add	*2.26*	
		For >1,000', Deduct	*-0.35*	
		For 316 Stainless Steel, Add	*14.52*	
		For 24 Gauge, Add	*12.61*	
		For 22 Gauge, Add	*25.21*	
		For 20 Gauge, Add	*37.82*	
		For 18 Gauge, Add	*63.41*	
07 71 23 00-0277		**Stainless Steel Devices** *(07 71 23 00-0228)*		
07 71 23 00-0278	EA	Thru-Wall Stainless Steel Scupper Outlet	281.96	30.58
		For 316 Stainless Steel, Add	*68.41*	
07 71 23 00-0279	EA	Stainless Steel Leader/Conductor Head	530.07	30.58
		For 316 Stainless Steel, Add	*175.60*	
07 71 23 00-0280		**Vinyl Gutters And Downspouts** *(07 71 23)*		
07 71 23 00-0281		**Vinyl Gutters** *(07 71 23 00-0280)*		
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0282		**K-Style Vinyl Gutters** *(07 71 23 00-0281)*		
07 71 23 00-0283	LF	4", K-Style Vinyl Gutter	12.71	3.40
		For Up To 100', Add	*2.12*	
		For >100' To 250', Add	*0.92*	
		For >1,000', Deduct	*-0.57*	
07 71 23 00-0284	LF	5", K-Style Vinyl Gutter	16.34	3.40
		For Up To 100', Add	*2.48*	
		For >100' To 250', Add	*1.10*	
		For >1,000', Deduct	*-0.57*	
07 71 23 00-0285		**Half Round Vinyl Gutters** *(07 71 23 00-0281)*		
07 71 23 00-0286	LF	4", Half Round Vinyl Gutter	13.13	3.40
		For Up To 100', Add	*2.16*	
		For >100' To 250', Add	*0.94*	
		For >1,000', Deduct	*-0.57*	
07 71 23 00-0287	LF	5", Half Round Vinyl Gutter	13.79	3.40
		For Up To 100', Add	*2.23*	
		For >100' To 250', Add	*0.97*	
		For >1,000', Deduct	*-0.57*	
07 71 23 00-0288		**Vinyl Gutter End Caps** *(07 71 23 00-0280)*		
07 71 23 00-0289		**K-Style, Vinyl Gutter End Caps** *(07 71 23 00-0288)*		
07 71 23 00-0290	EA	4", K-Style Vinyl Gutter End Cap	7.83	
07 71 23 00-0291	EA	5", K-Style Vinyl Gutter End Cap	10.84	
07 71 23 00-0292		**Half Round, Vinyl Gutter End Caps** *(07 71 23 00-0288)*		
07 71 23 00-0293	EA	4", Half Round Vinyl Gutter End Cap	8.94	
07 71 23 00-0294	EA	5", Half Round Vinyl Gutter End Cap	8.44	
07 71 23 00-0295		**Vinyl Gutter Miters** *(07 71 23 00-0280)*		
		Note: Inside or outside miters.		
07 71 23 00-0296		**K-Style, Vinyl Gutter Miters** *(07 71 23 00-0295)*		
07 71 23 00-0297	EA	4", K-Style Vinyl Gutter Miter	19.45	
07 71 23 00-0298	EA	5", K-Style Vinyl Gutter Miter	29.16	
07 71 23 00-0299		**Half Round, Vinyl Gutter Miters** *(07 71 23 00-0295)*		
07 71 23 00-0300	EA	4", Half Round Vinyl Gutter Miter	19.45	
07 71 23 00-0301	EA	5", Half Round Vinyl Gutter Miter	21.12	
07 71 23 00-0302		**Vinyl Downspouts** *(07 71 23 00-0280)*		
		Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0303		**Round Vinyl Downspouts** *(07 71 23 00-0302)*		
07 71 23 00-0304	LF	2-1/2" Diameter, Round Vinyl Downspout	8.34	3.26
		For Up To 100', Add	*1.36*	
		For >100 To 250', Add	*0.59*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0305	LF	3" Diameter, Round Vinyl Downspout	8.69	3.26
		For Up To 100', Add	*1.40*	
		For >100 To 250', Add	*0.61*	
		For >1,000', Deduct	*-0.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0306		**Square Vinyl Downspouts** *(07 71 23 00-0302)*		
07 71 23 00-0307	LF	2-1/2", Square Vinyl Downspout	8.19	3.26
		For Up To 100', Add	*1.35*	
		For >100 To 250', Add	*0.59*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0308		**Rectangular Vinyl Downspouts** *(07 71 23 00-0302)*		
07 71 23 00-0309	LF	2" x 3", Rectangular Vinyl Downspout	10.46	3.26
		For Up To 100', Add	*1.58*	
		For >100 To 250', Add	*0.70*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0310		**Gutter And Downspout Boots** *(07 71 23)*		
07 71 23 00-0311		**Cast Iron Roof Drainage Downspout Boots** *(07 71 23 00-0310)*		
07 71 23 00-0312	EA	2" x 3" x 18" Long, Cast Iron Roof Drainage Downspout Boot	357.03	4.89
07 71 23 00-0313	EA	3" x 4" x 18" Long, Cast Iron Roof Drainage Downspout Boot	465.58	4.89
07 71 23 00-0314	EA	4" x 5" x 24" Long, Cast Iron Roof Drainage Downspout Boot	555.83	4.89
07 71 23 00-0315		**Cast Iron Roof Drainage Downspout Boots With Cleanouts** *(07 71 23 00-0310)*		
07 71 23 00-0316	EA	3" x 4" x 18" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	617.30	4.89
07 71 23 00-0317	EA	4" x 5" x 24" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	754.28	4.89
07 71 23 00-0318	EA	5" x 7" x 30" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	1,369.39	4.89
07 71 23 00-0319		**Wall Mounted Downspout Covers With Hinged Perforated Cover** *(07 71 23)*		
07 71 23 00-0320	EA	3" Diameter Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-03)	1,231.36	30.99
		For Polished Brass Finish (-PB), Add	*116.94*	
		For Chrome Plated Finish (-CP), Add	*175.41*	
		For Vandal Proof (-U), Add	*58.47*	
07 71 23 00-0321	EA	4" Diameter Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-04)	1,252.01	41.32
		For Polished Brass Finish (-PB), Add	*116.94*	
		For Chrome Plated Finish (-CP), Add	*175.41*	
		For Vandal Proof (-U), Add	*58.47*	
07 71 23 00-0322	EA	6" Diameter Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-06)	1,345.90	55.43
		For Polished Brass Finish (-PB), Add	*123.50*	
		For Chrome Plated Finish (-CP), Add	*185.26*	
		For Vandal Proof (-U), Add	*61.75*	
07 71 23 00-0323	EA	8" Diameter Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-08)	1,434.44	69.99
		For Polished Brass Finish (-PB), Add	*129.45*	
		For Chrome Plated Finish (-CP), Add	*194.17*	
		For Vandal Proof (-U), Add	*64.72*	
07 71 23 00-0324	EA	10" Diameter Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-10)	1,542.20	86.23
		For Polished Brass Finish (-PB), Add	*136.98*	
		For Chrome Plated Finish (-CP), Add	*205.46*	
		For Vandal Proof (-U), Add	*68.49*	
07 71 23 00-0325	EA	12" Diameter PipeSize, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-12)	1,693.72	120.38
		For Polished Brass Finish (-PB), Add	*145.30*	
		For Chrome Plated Finish (-CP), Add	*217.94*	
		For Vandal Proof (-U), Add	*72.65*	
07 71 23 00-0326	EA	15" Diameter Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-15)	1,869.85	167.41
		For Polished Brass Finish (-PB), Add	*153.50*	
		For Chrome Plated Finish (-CP), Add	*230.25*	
		For Vandal Proof (-U), Add	*76.75*	
07 71 23 00-0327		**Wall Mounted Downspout Nozzle** *(07 71 23)*		
07 71 23 00-0328	EA	3" Diameter Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-03)	314.42	30.99
		For Nickel Bronze Finish (-NB), Add	*176.71*	
		For Polished Bronze Finish (-PB), Add	*138.84*	
		For Chrome Plated Finish (-CP), Add	*224.67*	
07 71 23 00-0329	EA	4" Diameter Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-04)	335.07	41.32
		For Nickel Bronze Finish (-NB), Add	*176.71*	
		For Polished Bronze Finish (-PB), Add	*138.84*	
		For Chrome Plated Finish (-CP), Add	*224.67*	
07 71 23 00-0330	EA	6" Diameter Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-06)	709.70	55.43
		For Nickel Bronze Finish (-NB), Add	*179.65*	
		For Polished Bronze Finish (-PB), Add	*101.80*	
		For Chrome Plated Finish (-CP), Add	*263.49*	
07 71 23 00-0331	EA	8" Diameter Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-08)	1,048.99	69.99
		For Nickel Bronze Finish (-NB), Add	*154.53*	
		For Polished Bronze Finish (-PB), Add	*118.17*	
		For Chrome Plated Finish (-CP), Add	*263.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0332	EA	10" Diameter Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-10)	1,352.59	86.23
		For Nickel Bronze Finish (-NB), Add	*200.62*	
		For Polished Bronze Finish (-PB), Add	*153.42*	
		For Chrome Plated Finish (-CP), Add	*342.24*	
07 71 23 00-0333	EA	12" Diameter Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-12)	1,725.41	120.38
		For Nickel Bronze Finish (-NB), Add	*252.39*	
		For Polished Bronze Finish (-PB), Add	*193.00*	
		For Chrome Plated Finish (-CP), Add	*430.55*	

07 71 23 00-0334 Leaf Guards And Cleaning *(07 71 23)*

07 71 23 00-0335	LF	Aluminum Mesh Gutter Leaf Guard	4.18	0.92
		For Up To 100', Add	*0.69*	
		For >100' To 250', Add	*0.30*	
		For >1,000', Deduct	*-0.18*	
07 71 23 00-0336	LF	Vinyl Mesh Gutter Leaf Guard	3.09	0.92
		For Up To 100', Add	*0.58*	
		For >100' To 250', Add	*0.25*	
		For >1,000', Deduct	*-0.18*	
07 71 23 00-0337	LF	6" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire	16.80	1.15
		For Up To 100', Add	*2.03*	
		For >100' To 250', Add	*0.96*	
		For >1,000', Deduct	*-0.23*	
07 71 23 00-0338	LF	9" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire	24.07	1.15
		For Up To 100', Add	*2.76*	
		For >100' To 250', Add	*1.32*	
		For >1,000', Deduct	*-0.23*	
07 71 23 00-0339	LF	6" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh	12.79	1.15
		For Up To 100', Add	*1.55*	
		For >100' To 250', Add	*0.73*	
		For >1,000', Deduct	*-0.18*	
07 71 23 00-0340	LF	9" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh	19.76	1.15
		For Up To 100', Add	*2.25*	
		For >100' To 250', Add	*1.08*	
		For >1,000', Deduct	*-0.18*	
07 71 23 00-0341	EA	Cleanout Roof Drain Note: Includes removing dome and flushing.	185.17	
07 71 23 00-0342	LF	Cleanout Roof Gutters And Downspouts	2.17	
07 71 23 00-0343	LF	Cleanout Blocked Downspouts By Hydrojetting	3.70	

07 71 26 Reglets *(07 71)*

07 71 26 00-0001 Counter Flashing With Reglet *(07 71 26)*

Note: Includes reglet cut.

07 71 26 00-0002 Galvanized Steel Counter Flashing With Reglet *(07 71 26 00-0001)*

07 71 26 00-0003 Galvanized Steel Counter Flashing With Reglet *(07 71 26 00-0002)*

07 71 26 00-0004	LF	28 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	18.53	6.08
07 71 26 00-0005	LF	26 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	18.71	6.08
07 71 26 00-0006	LF	24 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	19.01	6.08
07 71 26 00-0007	LF	22 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	20.17	6.08
07 71 26 00-0008	LF	20 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	20.83	6.08
07 71 26 00-0009	LF	18 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	21.59	6.08

07 71 26 00-0010 KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet *(07 71 26 00-0002)*

07 71 26 00-0011	LF	28 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	21.40	6.08
07 71 26 00-0012	LF	26 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	21.66	6.08
07 71 26 00-0013	LF	24 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	22.10	6.08
07 71 26 00-0014	LF	22 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	23.77	6.08
07 71 26 00-0015	LF	20 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	24.73	6.08
07 71 26 00-0016	LF	18 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	25.83	6.08

07 71 26 00-0017 Aluminum Counter Flashing With Reglet *(07 71 26 00-0001)*

07 71 26 00-0018 KYNAR 500® Finish, Aluminum Counter Flashing With Reglet *(07 71 26 00-0017)*

07 71 26 00-0019	LF	0.019" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	15.98	6.08
07 71 26 00-0020	LF	0.025" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	16.59	6.08
07 71 26 00-0021	LF	0.032" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	17.19	6.08
07 71 26 00-0022	LF	0.040" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	17.63	6.08
07 71 26 00-0023	LF	0.050" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	18.60	6.08
07 71 26 00-0024	LF	0.063" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	20.01	6.08

07 71 26 00-0025 Mill Finish, Aluminum Counter Flashing With Reglet *(07 71 26 00-0017)*

07 71 26 00-0026	LF	0.019" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	14.60	6.08
07 71 26 00-0027	LF	0.025" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	14.99	6.08
07 71 26 00-0028	LF	0.032" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	15.37	6.08
07 71 26 00-0029	LF	0.040" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	15.65	6.08
07 71 26 00-0030	LF	0.050" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	16.27	6.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 26 00-0031	LF	0.063" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	17.17	6.08
07 71 26 00-0032		Clear Anodized Finish, Aluminum Counter Flashing With Reglet *(07 71 26 00-0017)*		
07 71 26 00-0033	LF	0.019" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	15.70	6.08
07 71 26 00-0034	LF	0.025" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	16.26	6.08
07 71 26 00-0035	LF	0.032" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	16.82	6.08
07 71 26 00-0036	LF	0.040" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	17.22	6.08
07 71 26 00-0037	LF	0.050" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	18.12	6.08
07 71 26 00-0038	LF	0.063" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	19.43	6.08
07 71 26 00-0039		Stainless Steel Counter Flashing With Reglet *(07 71 26 00-0001)*		
07 71 26 00-0040		Stainless Steel Counter Flashing With Reglet *(07 71 26 00-0039)*		
07 71 26 00-0041	LF	24 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet	21.91	6.08
07 71 26 00-0042	LF	22 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet	23.21	6.08
07 71 26 00-0043	LF	20 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet	23.64	6.08
07 71 26 00-0044		Copper Counter Flashing With Reglet *(07 71 26 00-0001)*		
07 71 26 00-0045		Copper Counter Flashing With Reglet *(07 71 26 00-0044)*		
07 71 26 00-0046	LF	16 Ounce, Up To 12" Wide, Copper Counter Flashing With Reglet	51.28	6.08

07 72 Roof Accessories *(07 70)*

07 72 13 Manufactured Curbs *(07 72)*

07 72 13 00-0001 Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13)*
Note: Includes fasteners and sealants. Excludes flashing. See CSI section 07 62 13 00-0000 for flashinig and trim.

07 72 13 00-0002 Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0001)*
Note: Includes pressure treated wood nailer, 1-1/2" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction, installation clips and 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips.

07 72 13 00-0003 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0002)*

07 72 13 00-0004 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0003)*

07 72 13 00-0005	EA	26" x 26" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,067.94	277.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*72.13*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*178.93*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-38.94*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*8.71*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.68*	
07 72 13 00-0006	EA	26" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,083.88	277.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*73.73*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*182.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-47.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*15.75*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*38.44*	
07 72 13 00-0007	EA	26" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,178.51	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*78.86*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*196.71*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-58.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*21.01*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*36.90*	
07 72 13 00-0008	EA	26" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,239.63	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*84.97*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*208.93*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-77.88*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*40.12*	
07 72 13 00-0009	EA	26" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,284.81	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*89.49*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*217.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*131.96*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*145.58*	
07 72 13 00-0010	EA	26" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,552.19	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*111.89*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*267.11*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-129.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-27.08*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*16.02*	
07 72 13 00-0011	EA	38" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,089.20	277.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*74.26*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*183.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.91*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*102.69*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*143.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0012	EA	38" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,181.16	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*79.12*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*197.24*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-74.34*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*20.97*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*59.55*	
07 72 13 00-0013	EA	38" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,215.71	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*82.58*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*204.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-92.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*7.81*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*39.58*	
07 72 13 00-0014	EA	38" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,229.00	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*83.91*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*206.81*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*21.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*130.03*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*159.53*	
07 72 13 00-0015	EA	38" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,509.66	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*107.64*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*258.61*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*147.50*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*192.89*	
07 72 13 00-0016	EA	38" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,652.13	381.26
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*117.56*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*282.77*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*33.36*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*171.79*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*226.25*	
07 72 13 00-0017	EA	50" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,303.42	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*91.35*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*221.69*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-95.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*4.27*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*29.23*	
07 72 13 00-0018	EA	50" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,424.62	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*99.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*241.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-115.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-22.01*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*23.37*	
07 72 13 00-0019	EA	50" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,453.85	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*102.06*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*247.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-136.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-56.85*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*20.29*	
07 72 13 00-0020	EA	50" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,596.31	381.26
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*111.97*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*271.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-159.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-57.17*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*15.43*	
07 72 13 00-0021	EA	51" x 99" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,714.86	415.92
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*119.50*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*290.98*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*35.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*162.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*218.87*	
07 72 13 00-0022	EA	51" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,854.66	450.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*129.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*314.61*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-219.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-76.52*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*0.63*	
07 72 13 00-0023	EA	62" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,453.85	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*102.06*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*247.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.91*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*102.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*189.03*	
07 72 13 00-0024	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,567.08	381.26
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*109.05*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*265.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-166.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-55.19*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*15.16*	
07 72 13 00-0025	EA	62" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,712.20	415.92
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*119.23*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*290.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-215.93*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-104.75*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-38.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0026	EA	62" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,738.78	415.92
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*121.89*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*295.77*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*41.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*152.72*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*266.19*	
07 72 13 00-0027	EA	62" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,883.89	450.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*132.07*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*320.46*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-272.59*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-159.11*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-13.89*	

07 72 13 00-0028 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0003)*

07 72 13 00-0029	EA	26" x 26" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,102.49	277.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*75.59*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*185.84*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-38.94*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*8.71*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.68*	
07 72 13 00-0030	EA	26" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,110.46	277.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*76.39*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*187.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-47.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*15.75*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*38.44*	
07 72 13 00-0031	EA	26" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,205.08	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*81.52*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*202.02*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-58.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*21.01*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*36.90*	
07 72 13 00-0032	EA	26" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,274.18	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*88.43*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*215.84*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-77.88*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*40.12*	
07 72 13 00-0033	EA	26" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,324.68	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*93.48*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*225.94*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*131.96*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*145.58*	
07 72 13 00-0034	EA	26" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,584.08	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*115.08*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*273.49*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-129.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-27.08*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*16.02*	
07 72 13 00-0035	EA	38" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,113.12	277.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*76.65*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*187.96*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.91*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*102.69*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*143.53*	
07 72 13 00-0036	EA	38" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,252.92	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*86.30*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*211.59*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-74.34*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*20.97*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*59.55*	
07 72 13 00-0037	EA	38" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,306.07	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*91.61*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*222.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-92.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*7.81*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*39.58*	
07 72 13 00-0038	EA	38" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,367.20	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*97.73*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*234.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*21.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*130.03*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*159.53*	
07 72 13 00-0039	EA	38" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,552.19	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*111.89*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*267.11*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*147.50*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*192.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0040	EA	38" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,705.28	381.26
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*122.87*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*293.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*33.36*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*171.79*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*226.25*	
07 72 13 00-0041	EA	50" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,335.31	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*94.54*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*228.07*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-95.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*4.27*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*29.23*	
07 72 13 00-0042	EA	50" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,451.19	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*101.79*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*246.91*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-115.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-22.01*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*23.37*	
07 72 13 00-0043	EA	50" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,493.72	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*106.05*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*255.42*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-136.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-56.85*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*20.29*	
07 72 13 00-0044	EA	50" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,638.84	381.26
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*116.23*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*280.11*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-159.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-57.17*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*15.43*	
07 72 13 00-0045	EA	51" x 99" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,765.35	415.92
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*124.55*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*301.08*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*35.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*162.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*218.87*	
07 72 13 00-0046	EA	51" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,913.13	450.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*134.99*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*326.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-219.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-76.52*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*0.63*	
07 72 13 00-0047	EA	62" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,493.72	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*106.05*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*255.42*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.91*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*102.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*189.03*	
07 72 13 00-0048	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,609.60	381.26
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*113.30*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*274.26*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-166.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-55.19*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*15.16*	
07 72 13 00-0049	EA	62" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,757.38	415.92
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*123.75*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*299.49*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-215.93*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-104.75*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-38.94*	
07 72 13 00-0050	EA	62" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,791.93	415.92
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*127.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*306.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*41.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*152.72*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*266.19*	
07 72 13 00-0051	EA	62" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,942.36	450.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*137.91*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*332.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-272.59*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-159.11*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-13.89*	
07 72 13 00-0052		14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0003)*		
07 72 13 00-0053	EA	26" x 26" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,121.09	277.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*77.45*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*189.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-38.94*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*8.71*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0054	EA	26" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,129.06	277.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*78.25*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*191.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-47.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*15.75*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*38.44*	
07 72 13 00-0055	EA	26" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,218.37	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*82.84*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*204.68*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-58.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*21.01*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*36.90*	
07 72 13 00-0056	EA	26" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,295.44	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*90.55*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*220.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-77.88*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*40.12*	
07 72 13 00-0057	EA	26" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,353.91	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*96.40*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*231.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*131.96*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*145.58*	
07 72 13 00-0058	EA	26" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,621.29	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*118.80*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*280.93*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-129.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-27.08*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*16.02*	
07 72 13 00-0059	EA	38" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,129.06	277.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*78.25*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*191.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.91*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*102.69*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*143.53*	
07 72 13 00-0060	EA	38" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,218.37	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*82.84*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*204.68*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-74.34*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*20.97*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*59.55*	
07 72 13 00-0061	EA	38" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,353.91	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*96.40*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*231.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-92.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*7.81*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*39.58*	
07 72 13 00-0062	EA	38" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,417.70	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*102.78*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*244.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*21.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*130.03*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*159.53*	
07 72 13 00-0063	EA	38" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,584.08	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*115.08*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*273.49*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*147.50*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*192.89*	
07 72 13 00-0064	EA	38" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,739.83	381.26
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*126.33*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*300.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*33.36*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*171.79*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*226.25*	
07 72 13 00-0065	EA	50" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,356.57	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*96.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*232.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-95.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*4.27*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*29.23*	
07 72 13 00-0066	EA	50" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,390.71	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*95.75*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*234.82*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-115.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-22.01*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*23.37*	
07 72 13 00-0067	EA	50" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,520.29	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*108.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*260.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-136.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-56.85*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*20.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0068	EA	50" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,670.73	381.26
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*119.42*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*286.49*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-159.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-57.17*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*15.43*	
07 72 13 00-0069	EA	51" x 99" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,797.24	415.92
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*127.73*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*307.46*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*35.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*162.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*218.87*	
07 72 13 00-0070	EA	51" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,950.34	450.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*138.71*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*333.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-219.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-76.52*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*0.63*	
07 72 13 00-0071	EA	62" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,520.29	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*108.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*260.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.91*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*102.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*189.03*	
07 72 13 00-0072	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,638.84	381.26
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*116.23*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*280.11*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-166.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-55.19*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*15.16*	
07 72 13 00-0073	EA	62" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,791.93	415.92
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*127.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*306.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-215.93*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-104.75*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-38.94*	
07 72 13 00-0074	EA	62" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,826.48	415.92
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*130.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*313.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*41.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*152.72*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*266.19*	
07 72 13 00-0075	EA	62" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,982.23	450.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*141.90*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*340.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-272.59*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-159.11*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-13.89*	

07 72 13 00-0076 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0002)*

07 72 13 00-0077 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0076)*

07 72 13 00-0078	EA	26" x 26" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,038.70	277.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*69.21*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*173.08*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-38.94*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*8.71*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.68*	
07 72 13 00-0079	EA	26" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,073.25	277.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*72.67*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*179.99*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-47.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*15.75*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*38.44*	
07 72 13 00-0080	EA	26" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,226.34	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*83.64*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*206.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-58.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*21.01*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*36.90*	
07 72 13 00-0081	EA	26" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,306.07	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*91.61*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*222.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-77.88*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*40.12*	
07 72 13 00-0082	EA	26" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,364.54	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*97.46*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*233.92*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*131.96*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*145.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0083	EA	26" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,663.81	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*123.06*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*289.44*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-129.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-27.08*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*16.02*	
07 72 13 00-0084	EA	38" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,137.04	277.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*79.04*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*192.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.91*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*102.69*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*143.53*	
07 72 13 00-0085	EA	38" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,247.61	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*85.77*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*210.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-74.34*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*20.97*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*59.55*	
07 72 13 00-0086	EA	38" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,274.18	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*88.43*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*215.84*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-92.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*7.81*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*39.58*	
07 72 13 00-0087	EA	38" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,298.10	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*90.82*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*220.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*21.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*130.03*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*159.53*	
07 72 13 00-0088	EA	38" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,600.03	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*116.68*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*276.68*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*147.50*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*192.89*	
07 72 13 00-0089	EA	38" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,758.43	381.26
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*128.19*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*304.03*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*33.36*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*171.79*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*226.25*	
07 72 13 00-0090	EA	50" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,367.20	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*97.73*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*234.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-95.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*4.27*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*29.23*	
07 72 13 00-0091	EA	50" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,491.06	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*105.78*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*254.89*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-115.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-22.01*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*23.37*	
07 72 13 00-0092	EA	50" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,533.58	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*110.03*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*263.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-136.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-56.85*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*20.29*	
07 72 13 00-0093	EA	50" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,686.68	381.26
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*121.01*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*289.68*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-159.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-57.17*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*15.43*	
07 72 13 00-0094	EA	51" x 99" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,813.19	415.92
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*129.33*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*310.65*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*35.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*162.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*218.87*	
07 72 13 00-0095	EA	51" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,968.94	450.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*140.57*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*337.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-219.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-76.52*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*0.63*	
07 72 13 00-0096	EA	62" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,533.58	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*110.03*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*263.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.91*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*102.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*189.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0097	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,652.13	381.26
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*117.56*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*282.77*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-166.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-55.19*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*15.16*	
07 72 13 00-0098	EA	62" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,807.88	415.92
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*128.80*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*309.59*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-215.93*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-104.75*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-38.94*	
07 72 13 00-0099	EA	62" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,845.08	415.92
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*132.52*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*317.03*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*41.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*152.72*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*266.19*	
07 72 13 00-0100	EA	62" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	2,003.49	450.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*144.03*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*344.38*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-272.59*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-159.11*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-13.89*	
07 72 13 00-0101		12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0076)*		
07 72 13 00-0102	EA	26" x 26" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,062.62	277.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*71.60*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*177.86*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-38.94*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*8.71*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.68*	
07 72 13 00-0103	EA	26" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,102.49	277.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*75.59*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*185.84*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-47.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*15.75*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*38.44*	
07 72 13 00-0104	EA	26" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,266.21	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*87.63*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*214.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-58.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*21.01*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*36.90*	
07 72 13 00-0105	EA	26" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,353.91	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*96.40*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*231.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-77.88*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*40.12*	
07 72 13 00-0106	EA	26" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,425.67	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*103.57*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*246.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*131.96*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*145.58*	
07 72 13 00-0107	EA	26" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,674.44	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*124.12*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*291.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-129.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-27.08*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*16.02*	
07 72 13 00-0108	EA	38" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,171.59	277.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*82.50*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*199.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.91*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*102.69*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*143.53*	
07 72 13 00-0109	EA	38" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,290.13	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*90.02*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*219.03*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-74.34*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*20.97*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*59.55*	
07 72 13 00-0110	EA	38" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,324.68	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*93.48*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*225.94*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-92.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*7.81*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*39.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0111	EA	38" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,356.57	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*96.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*232.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*21.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*130.03*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*159.53*	
07 72 13 00-0112	EA	38" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,663.81	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*123.06*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*289.44*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*147.50*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*192.89*	
07 72 13 00-0113	EA	38" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,835.51	381.26
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*135.89*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*319.44*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*33.36*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*171.79*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*226.25*	
07 72 13 00-0114	EA	50" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,415.04	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*102.51*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*244.02*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-95.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*4.27*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*29.23*	
07 72 13 00-0115	EA	50" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,544.21	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*111.10*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*265.52*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-115.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-22.01*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*23.37*	
07 72 13 00-0116	EA	50" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,594.71	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*116.15*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*275.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-136.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-56.85*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*20.29*	
07 72 13 00-0117	EA	50" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,750.46	381.26
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*127.39*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*302.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-159.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-57.17*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*15.43*	
07 72 13 00-0118	EA	51" x 99" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,887.61	415.92
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*136.77*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*325.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*35.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*162.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*218.87*	
07 72 13 00-0119	EA	51" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	2,053.99	450.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*149.08*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*354.48*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-219.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-76.52*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*0.63*	
07 72 13 00-0120	EA	62" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,594.71	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*116.15*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*275.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.91*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*102.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*189.03*	
07 72 13 00-0121	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,721.23	381.26
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*124.47*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*296.59*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-166.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-55.19*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*15.16*	
07 72 13 00-0122	EA	62" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,882.29	415.92
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*136.24*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*324.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-215.93*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-104.75*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-38.94*	
07 72 13 00-0123	EA	62" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,922.16	415.92
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*140.23*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*332.44*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*41.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*152.72*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*266.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0124	EA	62" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	2,093.85	450.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*153.06*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*362.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-272.59*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-159.11*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-13.89*	

07 72 13 00-0125 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0076)*

07 72 13 00-0126	EA	26" x 26" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,081.22	277.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*73.46*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*181.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-38.94*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*8.71*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.68*	
07 72 13 00-0127	EA	26" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,123.75	277.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*77.72*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*190.09*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-47.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*15.75*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*38.44*	
07 72 13 00-0128	EA	26" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,290.13	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*90.02*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*219.03*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-58.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*21.01*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*36.90*	
07 72 13 00-0129	EA	26" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,385.81	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*99.59*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*238.17*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-77.88*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*40.12*	
07 72 13 00-0130	EA	26" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,465.54	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*107.56*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*254.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*131.96*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*145.58*	
07 72 13 00-0131	EA	26" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,759.49	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*132.62*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*308.57*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-129.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-27.08*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*16.02*	
07 72 13 00-0132	EA	38" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,198.16	277.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*85.16*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*204.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.91*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*102.69*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*143.53*	
07 72 13 00-0133	EA	38" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,335.31	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*94.54*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*228.07*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-74.34*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*20.97*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*59.55*	
07 72 13 00-0134	EA	38" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,383.15	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*99.32*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*237.64*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-92.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*7.81*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*39.58*	
07 72 13 00-0135	EA	38" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,393.78	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*100.39*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*239.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*21.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*130.03*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*159.53*	
07 72 13 00-0136	EA	38" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,711.65	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*127.84*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*299.01*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*147.50*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*192.89*	
07 72 13 00-0137	EA	38" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,888.66	381.26
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*141.21*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*330.07*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*33.36*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*171.79*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*226.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0138	EA	50" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,446.93	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*105.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*250.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-95.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*4.27*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*29.23*	
07 72 13 00-0139	EA	50" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,474.67	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*104.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*251.61*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-115.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-22.01*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*23.37*	
07 72 13 00-0140	EA	50" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,634.58	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*120.13*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*283.59*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-136.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-56.85*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*20.29*	
07 72 13 00-0141	EA	50" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,798.30	381.26
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*132.17*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*312.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-159.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-57.17*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*15.43*	
07 72 13 00-0142	EA	51" x 99" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,935.44	415.92
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*141.55*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*335.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*35.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*162.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*218.87*	
07 72 13 00-0143	EA	51" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	2,112.46	450.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*154.92*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*366.17*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-219.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-76.52*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*0.63*	
07 72 13 00-0144	EA	62" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,634.58	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*120.13*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*283.59*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.91*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*102.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*189.03*	
07 72 13 00-0145	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,769.06	381.26
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*129.25*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*306.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-166.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-55.19*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*15.16*	
07 72 13 00-0146	EA	62" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,927.47	415.92
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*140.76*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*333.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-215.93*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-104.75*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-38.94*	
07 72 13 00-0147	EA	62" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,975.31	415.92
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*145.54*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*343.07*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*41.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*152.72*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*266.19*	
07 72 13 00-0148	EA	62" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	2,152.32	450.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*158.91*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*374.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-272.59*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-159.11*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-13.89*	

07 72 13 00-0149 Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0001)*

Note: Includes 1" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction and installation clips.

07 72 13 00-0150 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0149)*

07 72 13 00-0151	EA	14-1/2" To 23" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,022.22	277.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*67.56*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*169.78*	
07 72 13 00-0152	EA	23-1/2" To 32" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,168.29	277.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*82.17*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*199.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0153	EA	32-1/2" To 41" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,336.17	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*94.62*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*228.24*	
07 72 13 00-0154	EA	41" To 49-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,452.80	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*106.29*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*251.57*	
07 72 13 00-0155	EA	50" To 58-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,607.27	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*117.40*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*278.13*	
07 72 13 00-0156		**12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs** *(07 72 13 00-0149)*		
07 72 13 00-0157	EA	14-1/2" To 23" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,236.11	277.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*88.95*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*212.56*	
07 72 13 00-0158	EA	23-1/2" To 32" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,434.34	277.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*108.77*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*252.21*	
07 72 13 00-0159	EA	32-1/2" To 41" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,526.58	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*113.67*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*266.32*	
07 72 13 00-0160	EA	41" To 49-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,601.10	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*121.12*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*281.23*	
07 72 13 00-0161	EA	50" To 58-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,792.08	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*135.88*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*315.09*	
07 72 13 00-0162	EA	64" To 72-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	2,790.88	381.26
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*231.43*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*510.52*	
07 72 13 00-0163		**18" To 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs** *(07 72 13 00-0149)*		
07 72 13 00-0164	EA	17-1/2" To 22" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,587.48	277.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*124.09*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*282.84*	
07 72 13 00-0165	EA	24" To 29" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,790.19	277.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*144.36*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*323.38*	
07 72 13 00-0166	EA	31" To 46" Square Outside Dimensions, 18" Height, 16 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	2,117.55	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*172.76*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*384.52*	
07 72 13 00-0167		**Wood, Prefabricated Roof Curbs** *(07 72 13)*		
		Note: Includes Douglas fir construction, galvanized steel corner straps, fasteners, sealants, and installation clips. Includes 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips. Excludes flashing. See CSI section 07 62 13 00-0000 for flashing and trim.		
07 72 13 00-0168		**Wood Framed, Prefabricated Roof Curbs** *(07 72 13 00-0167)*		
07 72 13 00-0169		**2 x 6 Wood Framed, Prefabricated Roof Curbs** *(07 72 13 00-0168)*		
07 72 13 00-0170	EA	26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	877.01	277.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*53.04*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*140.74*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-38.94*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*8.71*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.68*	
07 72 13 00-0171	EA	26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	977.28	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*58.74*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*156.46*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-58.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*21.01*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*36.90*	
07 72 13 00-0172	EA	26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,036.28	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*64.64*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*168.26*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*131.96*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*145.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0173	EA	38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,029.47	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*63.95*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*166.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-92.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*7.81*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*39.58*	
07 72 13 00-0174	EA	38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,045.36	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*65.54*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*170.08*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*21.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*130.03*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*159.53*	
07 72 13 00-0175	EA	38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,170.59	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*73.73*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*190.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*147.50*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*192.89*	
07 72 13 00-0176	EA	50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,040.82	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*65.09*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*169.17*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-95.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*4.27*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*29.23*	
07 72 13 00-0177	EA	50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,191.01	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*75.78*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*194.88*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-136.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-56.85*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*20.29*	
07 72 13 00-0178	EA	51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,364.31	415.92
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*84.44*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*220.87*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*35.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*162.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*218.87*	
07 72 13 00-0179	EA	62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,150.16	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*71.69*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*186.71*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.91*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*102.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*189.03*	
07 72 13 00-0180	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,264.04	381.26
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*78.75*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*205.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-166.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-55.19*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*15.16*	
07 72 13 00-0181	EA	62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,409.70	415.92
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*88.98*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*229.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*41.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*152.72*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*266.19*	

07 72 13 00-0182 2 x 8 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0168)*

07 72 13 00-0183	EA	26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	890.63	277.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*54.40*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*143.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-38.94*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*8.71*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.68*	
07 72 13 00-0184	EA	26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	993.16	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*60.32*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*159.64*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-58.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*21.01*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*36.90*	
07 72 13 00-0185	EA	26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,079.40	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*68.95*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*176.89*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*131.96*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*145.58*	
07 72 13 00-0186	EA	38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,056.70	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*66.68*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*172.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-92.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*7.81*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*39.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0187	EA	38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,079.40	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*68.95*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*176.89*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*21.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*130.03*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*159.53*	
07 72 13 00-0188	EA	38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,204.63	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*77.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*197.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*147.50*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*192.89*	
07 72 13 00-0189	EA	50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,065.78	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*67.59*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*174.16*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-95.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*4.27*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*29.23*	
07 72 13 00-0190	EA	50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,222.78	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*78.95*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*201.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-136.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-56.85*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*20.29*	
07 72 13 00-0191	EA	51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,396.08	415.92
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*87.62*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*227.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*35.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*162.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*218.87*	
07 72 13 00-0192	EA	62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,175.12	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*74.19*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*191.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.91*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*102.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*189.03*	
07 72 13 00-0193	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,293.55	381.26
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*81.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*211.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-166.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-55.19*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*15.16*	
07 72 13 00-0194	EA	62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,441.47	415.92
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*92.16*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*236.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*41.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*152.72*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*266.19*	

07 72 13 00-0195 2 x 10 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0168)*

07 72 13 00-0196	EA	26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	899.71	277.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*55.31*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*145.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-38.94*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*8.71*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.68*	
07 72 13 00-0197	EA	26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,009.05	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*61.91*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*162.82*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-58.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*21.01*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*36.90*	
07 72 13 00-0198	EA	26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,083.94	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*69.40*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*177.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*131.96*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*145.58*	
07 72 13 00-0199	EA	38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,072.59	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*68.27*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*175.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-92.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*7.81*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*39.58*	
07 72 13 00-0200	EA	38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,099.82	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*70.99*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*180.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*21.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*130.03*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*159.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0201	EA	38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,227.32	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*79.41*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*202.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*147.50*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*192.89*	
07 72 13 00-0202	EA	50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,081.67	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*69.17*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*177.34*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-95.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*4.27*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*29.23*	
07 72 13 00-0203	EA	50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,243.20	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*81.00*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*205.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-136.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-56.85*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*20.29*	
07 72 13 00-0204	EA	51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,416.50	415.92
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*89.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*231.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*35.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*162.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*218.87*	
07 72 13 00-0205	EA	62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,191.01	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*75.78*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*194.88*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.91*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*102.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*189.03*	
07 72 13 00-0206	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,311.70	381.26
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*83.51*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*214.68*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-166.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-55.19*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*15.16*	
07 72 13 00-0207	EA	62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,464.16	415.92
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*94.43*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*240.84*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*41.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*152.72*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*266.19*	
07 72 13 00-0208		2 x 12 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0168)*		
07 72 13 00-0209	EA	26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	911.05	277.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*56.45*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*147.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-38.94*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*8.71*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.68*	
07 72 13 00-0210	EA	26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	1,018.13	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*62.82*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*164.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-58.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*21.01*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*36.90*	
07 72 13 00-0211	EA	26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	1,104.36	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*71.44*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*181.88*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*131.96*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*145.58*	
07 72 13 00-0212	EA	38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	1,122.51	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*73.26*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*185.51*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*21.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*130.03*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*159.53*	
07 72 13 00-0213	EA	38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	1,252.28	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*81.90*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*207.13*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*147.50*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*192.89*	
07 72 13 00-0214	EA	50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	1,102.09	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*71.22*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*181.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-95.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*4.27*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*29.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0215	EA	50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	1,265.90	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*83.27*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*209.86*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-136.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-56.85*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*20.29*	
07 72 13 00-0216	EA	51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	1,443.74	415.92
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*92.38*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*236.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*35.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*162.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*218.87*	
07 72 13 00-0217	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	1,329.85	381.26
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*85.33*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*218.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-166.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-55.19*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*15.16*	
07 72 13 00-0218		Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0167)*		
07 72 13 00-0219		2 x 6 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0218)*		
07 72 13 00-0220	EA	26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	895.17	277.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*54.86*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*144.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-38.94*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*8.71*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.68*	
07 72 13 00-0221	EA	26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	993.16	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*60.32*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*159.64*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-58.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*21.01*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*36.90*	
07 72 13 00-0222	EA	26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,065.78	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*67.59*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*174.16*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*131.96*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*145.58*	
07 72 13 00-0223	EA	38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,049.90	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*66.00*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*170.99*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-92.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*7.81*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*39.58*	
07 72 13 00-0224	EA	38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,070.32	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*68.04*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*175.07*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*21.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*130.03*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*159.53*	
07 72 13 00-0225	EA	38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,197.82	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*76.46*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*196.24*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*147.50*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*192.89*	
07 72 13 00-0226	EA	50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,061.24	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*67.13*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*173.26*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-95.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*4.27*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*29.23*	
07 72 13 00-0227	EA	50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,215.97	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*78.27*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*199.87*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-136.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-56.85*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*20.29*	
07 72 13 00-0228	EA	51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,389.27	415.92
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*86.94*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*225.86*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*35.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*162.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*218.87*	
07 72 13 00-0229	EA	62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,177.39	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*74.41*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*192.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.91*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*102.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*189.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0230	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,289.01	381.26
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*81.24*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*210.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-166.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-55.19*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*15.16*	
07 72 13 00-0231	EA	62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,441.47	415.92
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*92.16*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*236.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*41.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*152.72*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*266.19*	
07 72 13 00-0232		**2 x 8 Wood Framed With Liner, Prefabricated Roof Curbs** *(07 72 13 00-0218)*		
07 72 13 00-0233	EA	26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	911.05	277.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*56.45*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*147.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-38.94*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*8.71*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.68*	
07 72 13 00-0234	EA	26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,011.32	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*62.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*163.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-58.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*21.01*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*36.90*	
07 72 13 00-0235	EA	26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,093.01	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*70.31*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*179.61*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*131.96*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*145.58*	
07 72 13 00-0236	EA	38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,077.13	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*68.72*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*176.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-92.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*7.81*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*39.58*	
07 72 13 00-0237	EA	38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,106.63	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*71.67*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*182.33*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*21.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*130.03*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*159.53*	
07 72 13 00-0238	EA	38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,238.67	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*80.54*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*204.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*147.50*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*192.89*	
07 72 13 00-0239	EA	50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,093.01	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*70.31*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*179.61*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-95.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*4.27*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*29.23*	
07 72 13 00-0240	EA	50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,254.55	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*82.13*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*207.59*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-136.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-56.85*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*20.29*	
07 72 13 00-0241	EA	51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,432.39	415.92
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*91.25*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*234.49*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*35.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*162.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*218.87*	
07 72 13 00-0242	EA	62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,206.90	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*77.37*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*198.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.91*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*102.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*189.03*	
07 72 13 00-0243	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,323.05	381.26
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*84.65*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*216.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-166.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-55.19*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*15.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0244	EA	62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,480.04	415.92
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*96.01*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*244.02*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*41.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*152.72*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*266.19*	
07 72 13 00-0245		2 x 10 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0218)*		
07 72 13 00-0246	EA	26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	924.67	277.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*57.81*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*150.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-38.94*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*8.71*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.68*	
07 72 13 00-0247	EA	26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,029.47	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*63.95*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*166.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-58.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*21.01*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*36.90*	
07 72 13 00-0248	EA	26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,120.25	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*73.03*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*185.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*131.96*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*145.58*	
07 72 13 00-0249	EA	38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,097.55	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*70.76*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*180.52*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-92.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*7.81*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*39.58*	
07 72 13 00-0250	EA	38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,133.86	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*74.39*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*187.78*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*21.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*130.03*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*159.53*	
07 72 13 00-0251	EA	38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,268.17	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*83.49*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*210.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*147.50*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*192.89*	
07 72 13 00-0252	EA	50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,113.44	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*72.35*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*183.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-95.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*4.27*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*29.23*	
07 72 13 00-0253	EA	50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,279.51	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*84.63*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*212.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-136.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-56.85*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*20.29*	
07 72 13 00-0254	EA	51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,459.62	415.92
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*93.97*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*239.93*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*35.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*162.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*218.87*	
07 72 13 00-0255	EA	62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,229.59	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*79.63*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*202.59*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.91*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*102.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*189.03*	
07 72 13 00-0256	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,348.01	381.26
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*87.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*221.94*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-166.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-55.19*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*15.16*	
07 72 13 00-0257	EA	62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,509.55	415.92
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*98.97*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*249.92*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*41.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*152.72*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*266.19*	
07 72 13 00-0258		2 x 12 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0218)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0259	EA	26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	951.90	277.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*60.53*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*155.72*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-38.94*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*8.71*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.68*	
07 72 13 00-0260	EA	26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	1,043.09	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*65.32*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*169.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-58.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*21.01*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*36.90*	
07 72 13 00-0261	EA	26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	1,140.67	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*75.07*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*189.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*131.96*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*145.58*	
07 72 13 00-0262	EA	38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	1,156.55	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*76.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*192.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*21.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*130.03*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*159.53*	
07 72 13 00-0263	EA	38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	1,354.40	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*92.12*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*227.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*147.50*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*192.89*	
07 72 13 00-0264	EA	50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	1,179.25	311.94
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*78.93*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*196.86*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-95.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*4.27*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*29.23*	
07 72 13 00-0265	EA	50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	1,358.94	346.60
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*92.57*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*228.46*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-136.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-56.85*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*20.29*	
07 72 13 00-0266	EA	51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	1,550.39	415.92
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*103.05*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*258.09*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*35.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*162.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*218.87*	
07 72 13 00-0267	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	1,431.97	381.26
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*95.54*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*238.74*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-166.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-55.19*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*15.16*	

07 72 23 Relief Vents *(07 72)*

07 72 23 00-0001 Wind Driven Turbine Ventilators *(07 72 23)*

Note: Excludes curb or flange base.

07 72 23 00-0002 Galvanized Steel, Wind Driven Turbine Ventilators *(07 72 23 00-0001)*

07 72 23 00-0003	EA	6" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	205.76	37.99
		For Curb Or Flange Base, Add	*225.17*	
07 72 23 00-0004	EA	9" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	247.58	42.07
		For Curb Or Flange Base, Add	*247.16*	
07 72 23 00-0005	EA	12" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	266.20	50.21
		For Curb Or Flange Base, Add	*273.93*	
07 72 23 00-0006	EA	15" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	520.07	55.63
		For Curb Or Flange Base, Add	*448.62*	
07 72 23 00-0007	EA	18" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	719.36	62.42
		For Curb Or Flange Base, Add	*485.34*	
07 72 23 00-0008	EA	21" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	869.62	67.84
		For Curb Or Flange Base, Add	*527.01*	
07 72 23 00-0009	EA	24" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	1,113.00	75.98
		For Curb Or Flange Base, Add	*647.38*	
07 72 23 00-0010	EA	36" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	1,843.77	101.77
		For Curb Or Flange Base, Add	*1,068.60*	

07 72 23 00-0011 Mill Finish Aluminum, Wind Driven Turbine Ventilators *(07 72 23 00-0001)*

07 72 23 00-0012	EA	6" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	166.06	37.99
		For Curb Or Flange Base, Add	*202.66*	
07 72 23 00-0013	EA	9" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	206.33	42.07
		For Curb Or Flange Base, Add	*223.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 23 00-0014	EA	12" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	231.60	50.21
		For Curb Or Flange Base, Add	*249.03*	
07 72 23 00-0015	EA	15" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	407.29	55.63
		For Curb Or Flange Base, Add	*416.38*	
07 72 23 00-0016	EA	18" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	524.17	62.42
		For Curb Or Flange Base, Add	*445.83*	
07 72 23 00-0017	EA	21" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	661.35	67.84
		For Curb Or Flange Base, Add	*501.39*	
07 72 23 00-0018	EA	24" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	890.82	75.98
		For Curb Or Flange Base, Add	*603.98*	
07 72 23 00-0019	EA	36" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	1,325.23	101.77
		For Curb Or Flange Base, Add	*904.31*	

07 72 23 00-0020 Stationary Siphon Ventilators *(07 72 23)*

Note: Excludes curb or flange base.

07 72 23 00-0021 Galvanized Steel, Stationary Siphon Ventilators *(07 72 23 00-0020)*

07 72 23 00-0022	EA	6" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	172.50	37.99
		For Curb Or Flange Base, Add	*225.17*	
07 72 23 00-0023	EA	9" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	228.55	42.07
		For Curb Or Flange Base, Add	*247.16*	
07 72 23 00-0024	EA	12" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	250.61	50.21
		For Curb Or Flange Base, Add	*273.93*	
07 72 23 00-0025	EA	15" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	434.72	55.63
		For Curb Or Flange Base, Add	*448.62*	
07 72 23 00-0026	EA	18" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	503.36	62.42
		For Curb Or Flange Base, Add	*485.34*	
07 72 23 00-0027	EA	21" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	716.98	67.84
		For Curb Or Flange Base, Add	*527.01*	
07 72 23 00-0028	EA	24" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	936.09	75.98
		For Curb Or Flange Base, Add	*647.38*	
07 72 23 00-0029	EA	36" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	1,358.46	101.77
		For Curb Or Flange Base, Add	*1,068.60*	

07 72 23 00-0030 Mill Finish Aluminum, Stationary Siphon Ventilators *(07 72 23 00-0020)*

07 72 23 00-0031	EA	6" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	159.85	37.99
		For Curb Or Flange Base, Add	*202.66*	
07 72 23 00-0032	EA	9" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	210.04	42.07
		For Curb Or Flange Base, Add	*223.45*	
07 72 23 00-0033	EA	12" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	234.72	50.21
		For Curb Or Flange Base, Add	*249.03*	
07 72 23 00-0034	EA	15" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	378.06	55.63
		For Curb Or Flange Base, Add	*416.38*	
07 72 23 00-0035	EA	18" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	474.51	62.42
		For Curb Or Flange Base, Add	*445.83*	
07 72 23 00-0036	EA	21" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	580.63	67.84
		For Curb Or Flange Base, Add	*501.39*	
07 72 23 00-0037	EA	24" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	828.76	75.98
		For Curb Or Flange Base, Add	*603.98*	
07 72 23 00-0038	EA	36" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	1,245.90	101.77
		For Curb Or Flange Base, Add	*904.31*	

07 72 23 00-0039 Spun Aluminum, Stationary Mushroom Gravity Ventilators *(07 72 23)*

Note: Includes flange base and bird screen. Excludes curb.

07 72 23 00-0040	EA	8" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	329.85	61.06
		For Backdraft Damper, Add	*168.58*	
		For Curb Base, Add	*254.69*	
07 72 23 00-0041	EA	10" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	405.63	67.84
		For Backdraft Damper, Add	*184.44*	
		For Curb Base, Add	*278.65*	
07 72 23 00-0042	EA	12" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	459.38	81.42
		For Backdraft Damper, Add	*251.87*	
		For Curb Base, Add	*353.02*	
07 72 23 00-0043	EA	16" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	559.07	89.56
		For Backdraft Damper, Add	*287.57*	
		For Curb Base, Add	*408.76*	
07 72 23 00-0044	EA	24" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	1,473.44	122.13
		For Backdraft Damper, Add	*360.95*	
		For Curb Base, Add	*538.46*	
07 72 23 00-0045	EA	30" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	1,798.58	141.12
		For Backdraft Damper, Add	*426.40*	
		For Curb Base, Add	*643.37*	
07 72 23 00-0046	EA	36" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	2,447.84	162.83
		For Backdraft Damper, Add	*426.40*	
		For Curb Base, Add	*670.34*	
07 72 23 00-0047	EA	42" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	3,435.69	176.40
		For Backdraft Damper, Add	*446.23*	
		For Curb Base, Add	*695.14*	
07 72 23 00-0048	EA	48" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	4,937.22	189.97
		For Backdraft Damper, Add	*495.81*	
		For Curb Base, Add	*781.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 23 00-0049		**Galvanized Steel, Stationary Gooseneck Ventilators** *(07 72 23)* Note: Includes flange base and bird screen. Excludes curb.		
07 72 23 00-0050	EA	8" x 8", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	726.33	67.84
07 72 23 00-0051	EA	12" x 12", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	846.22	89.56
07 72 23 00-0052	EA	16" x 16", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	1,222.34	122.13
07 72 23 00-0053	EA	24" x 24", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	1,924.90	141.12
07 72 23 00-0054		**Low Profile Vent For Shingles, Shake, Slate and Metal Roof** *(07 72 23)*		
07 72 23 00-0055	EA	Galvanized Steel, Low Profile Tapered Vents With 64.80 Square Inch Net Ventilation Area, 1/8" Noncombustable Stainless Steel Wire Filament Note: Includes fire caulking	297.86	119.62
07 72 26		**Ridge Vents** *(07 72)*		
07 72 26 00-0001		**Aluminum Ridge Vents** *(07 72 26)*		
07 72 26 00-0002	LF	Aluminum Ridge Vent Strips	17.02	3.94
07 72 26 00-0003	EA	Aluminum Ridge Univent Connectors	63.34	24.46
07 72 26 00-0004	EA	Aluminum Ridge Univent End Cap	58.34	24.46
07 72 26 00-0005		**Galvanized Ridge Vents** *(07 72 26)*		
07 72 26 00-0006	LF	Galvanized Sheet Metal Ridge Vent Strips	15.04	4.21
07 72 26 00-0007		**Stainless Steel Fire And Ember Continuous Soffit Vent** *(07 72 26)*		
07 72 26 00-0008	LF	2" Fire And Ember Continuous Soffit Vent With 1/2" Nailing Flanges On Both Sides Note: Includes fire caulking on both nailing flanges	27.16	
07 72 26 00-0009	LF	2-1/2" Fire And Ember Continuous Soffit Vent With 1/2" Nailing Flanges On Both Sides Note: Includes fire caulking on both nailing flanges	30.92	
07 72 26 00-0010	LF	3" Fire And Ember Continuous Soffit Vent With 1/2" Nailing Flanges On Both Sides Note: Includes fire caulking on both nailing flanges	37.58	
07 72 26 00-0011	LF	3-1/2" Fire And Ember Continuous Soffit Vent With 1/2" Nailing Flanges On Both Sides Note: Includes fire caulking on both nailing flanges	42.04	
07 72 26 00-0012	LF	4" Fire And Ember Continuous Soffit Vent With 1/2" Nailing Flanges On Both Sides Note: Includes fire caulking on both nailing flanges	45.34	
07 72 26 00-0013	LF	5" Fire And Ember Continuous Soffit Vent With 1/2" Nailing Flanges On Both Sides Note: Includes fire caulking on both nailing flanges	53.32	
07 72 26 00-0014	LF	6" Fire And Ember Continuous Soffit Vent With 1/2" Nailing Flanges On Both Sides Note: Includes fire caulking on both nailing flanges	61.02	
07 72 29		**Rafter Vent** *(07 72)*		
07 72 29 00-0001		**Rafter Vent** *(07 72 29)* Note: Built-in baffle is designed to help keep air flowing freely from soffits to ridge vents.		
07 72 29 00-0002	EA	22" x 4' Rafter Vent	11.23	
07 72 29 00-0003	EA	14" x 4' Rafter Vent	10.10	
07 72 33		**Roof Hatches** *(07 72)* Note: Includes curb with integral insulation, lockable hatch and gaskets.		
07 72 33 00-0001		**Galvanized Steel Cover And Curb** *(07 72 33)*		
07 72 33 00-0002	EA	2'-6" x 3'-0" Galvanized Steel Roof Hatch	1,053.85	175.51
07 72 33 00-0003	EA	2'-6" x 4'-6" Galvanized Steel Roof Hatch	1,492.66	195.01
07 72 33 00-0004	EA	2'-6" x 8'-0" Galvanized Steel Roof Hatch	2,568.30	265.95
07 72 33 00-0005	EA	3'-0" x 3'-0" Galvanized Steel Roof Hatch	1,461.55	195.01
07 72 33 00-0006	EA	4'-0" x 4'-0" Galvanized Steel Roof Hatch	1,646.18	216.70
07 72 33 00-0007	EA	3'-0" x 8'-0" Galvanized Steel Roof Hatch	2,651.36	295.56
07 72 33 00-0008		**Aluminum Cover And Curb** *(07 72 33)*		
07 72 33 00-0009	EA	2'-6" x 3'-0" Aluminum Roof Hatch	1,079.83	175.51
07 72 33 00-0010	EA	2'-6" x 4'-6" Aluminum Roof Hatch	1,378.87	195.01
07 72 33 00-0011	EA	2'-6" x 8'-0" Aluminum Roof Hatch	2,440.33	265.95
07 72 33 00-0012	EA	3'-0" x 3'-0" Aluminum Roof Hatch	1,341.81	195.01
07 72 33 00-0013	EA	4'-0" x 4'-0" Aluminum Roof Hatch	2,300.98	216.70
07 72 33 00-0014	EA	3'-0" x 8'-0" Aluminum Roof Hatch	2,565.76	295.56
07 72 33 00-0015	EA	3'-0" x 2'-6" Aluminum Roof Scuttle With Skylight	1,484.19	195.01
07 72 33 00-0016		**Steel, Plain, Primed** *(07 72 33)*		
07 72 33 00-0017	EA	2'-6" x 3'-0" Plain Steel Roof Hatch Primed	1,016.77	175.51
07 72 33 00-0018	EA	2'-6" x 4'-6" Plain Steel Roof Hatch Primed	1,338.67	195.01
07 72 33 00-0019	EA	2'-6" x 8'-0" Plain Steel Roof Hatch Primed	1,832.84	265.95
07 72 33 00-0020	EA	3'-0" x 3'-0" Plain Steel Roof Hatch Primed	1,242.63	195.01
07 72 33 00-0021	EA	4'-0" x 4'-0" Plain Steel Roof Hatch Primed	1,504.94	216.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 33 00-0022	EA	3'-0" x 8'-0" Plain Steel Roof Hatch Primed	2,044.03	295.56
07 72 33 00-0023		**Stainless Steel** *(07 72 33)*		
07 72 33 00-0024	EA	2'-6" x 3'-0" Stainless Steel Roof Hatch	3,223.99	175.51
07 72 33 00-0025	EA	2'-6" x 4'-6" Stainless Steel Roof Hatch	6,175.63	195.01
07 72 33 00-0026	EA	2'-6" x 8'-0" Stainless Steel Roof Hatch	9,287.97	265.95
07 72 33 00-0027	EA	3'-0" x 3'-0" Stainless Steel Roof Hatch	4,955.18	195.01
07 72 33 00-0028	EA	4'-0" x 4'-0" Stainless Steel Roof Hatch	10,480.68	216.70
07 72 33 00-0029	EA	3'-0" x 8'-0" Stainless Steel Roof Hatch	11,736.69	295.56
07 72 33 00-0030		**Removal And Reinstallation Of Roof Hatch** *(07 72 33)*		
		Note: Includes storage, cleaning and supply materials.		
07 72 33 00-0031	EA	Removal And Reinstallation Of Roof Hatch, All Types	539.84	
07 72 33 00-0032		**Aluminum Cover And Galvanized Steel Curb** *(07 72 33)*		
07 72 33 00-0033	EA	Aluminum Cover, Galvanized Steel Curb 3'-0" x 2'-6" Roof	1,050.09	195.01
07 72 33 00-0034	EA	Aluminum Cover, Galvanized Steel Curb 2'-6" x 4'-6" Roof	1,349.14	216.70
07 72 33 00-0035	EA	Aluminum Cover, Galvanized Steel Curb 2'-6" x 8'-0" Roof	2,363.03	295.44
07 72 33 00-0036	EA	Aluminum Cover, Galvanized Steel Curb 3'-0" x 3'-0" Roof	1,318.03	201.11
07 72 33 00-0037	EA	Aluminum Cover, Galvanized Steel Curb 4'-0" x 4'-0" Roof	2,235.57	222.80
07 72 33 00-0038		**Roof Hatch Accessories** *(07 72 33)*		
07 72 33 00-0039	EA	Enamel Steel, Roof Hatch Ladderup Safety Post	633.45	91.41
07 72 33 00-0040		**Roof Hatch Safety Railing** *(07 72 33)*		
		Note: Included mounting bracket to attach to roof hatch		
07 72 33 00-0041	EA	24" x 24" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate	2,162.29	
07 72 33 00-0042	EA	24" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate	2,244.81	
07 72 33 00-0043	EA	30" x 30" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate	2,301.03	
07 72 33 00-0044	EA	30" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate	2,503.74	
07 72 33 00-0045	EA	36" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate	2,737.74	
07 72 33 00-0046	EA	48" x 48" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate	3,499.55	
07 72 36		**Smoke Vents** *(07 72)*		
07 72 36 00-0001		**Fire Vent** *(07 72 36)*		
07 72 36 00-0002		**Galvanized Steel Covers And Curb** *(07 72 36 00-0001)*		
07 72 36 00-0003	EA	4'-0" x 4'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	2,447.10	162.59
07 72 36 00-0004	EA	4'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	2,835.13	223.54
07 72 36 00-0005	EA	4'-0" x 7'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent	3,225.76	243.89
07 72 36 00-0006	EA	4'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	3,293.49	256.07
07 72 36 00-0007	EA	5'-0" x 5'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	3,781.44	223.54
07 72 36 00-0008	EA	5'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	4,023.77	243.89
07 72 36 00-0009	EA	5'-0" x 7'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	4,251.96	264.25
07 72 36 00-0010	EA	5'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	4,833.26	284.60
07 72 36 00-0011	EA	5'-0" x 10'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	5,972.46	304.82
07 72 36 00-0012	EA	5'-6" x 5'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent	4,033.04	264.25
07 72 36 00-0013	EA	5'-6" x 12'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	8,361.66	325.18
07 72 36 00-0014	EA	6'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	4,670.45	345.53
07 72 36 00-0015		**Aluminum Covers And Galvanized Steel Curb** *(07 72 36 00-0001)*		
07 72 36 00-0016	EA	4'-0" x 4'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	2,170.46	162.59
07 72 36 00-0017	EA	4'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	2,505.69	223.54
07 72 36 00-0018	EA	4'-0" x 7'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	2,815.65	243.89
07 72 36 00-0019	EA	4'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	2,917.20	256.07
07 72 36 00-0020	EA	5'-0" x 5'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	2,820.86	223.54
07 72 36 00-0021	EA	5'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	3,582.76	243.89
07 72 36 00-0022	EA	5'-0" x 7'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	3,833.24	264.25
07 72 36 00-0023	EA	5'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	3,744.77	284.60
07 72 36 00-0024	EA	5'-0" x 10'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	5,214.32	304.82
07 72 36 00-0025	EA	5'-6" x 5'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	3,625.11	264.25
07 72 36 00-0026	EA	5'-6" x 12'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	6,802.82	325.18
07 72 36 00-0027	EA	6'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	3,598.33	345.53
07 72 36 00-0028		**Aluminum Covers And Curb** *(07 72 36 00-0001)*		
07 72 36 00-0029	EA	4'-0" x 4'-0" Aluminum Covers And Curb, Smoke And Fire Vent	2,360.75	162.59
07 72 36 00-0030	EA	4'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent	2,820.86	223.54
07 72 36 00-0031	EA	4'-0" x 7'-6" Aluminum Covers And Curb, Smoke And Fire Vent	3,095.14	243.89
07 72 36 00-0032	EA	4'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent	3,274.00	256.07
07 72 36 00-0033	EA	5'-0" x 5'-0" Aluminum Covers And Curb, Smoke And Fire Vent	2,963.58	223.54
07 72 36 00-0034	EA	5'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent	3,731.43	243.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 36 00-0035	EA	5'-0" x 7'-0" Aluminum Covers And Curb, Smoke And Fire Vent	3,964.07	264.25
07 72 36 00-0036	EA	5'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent	4,101.57	284.60
07 72 36 00-0037	EA	5'-0" x 10'-0" Aluminum Covers And Curb, Smoke And Fire Vent	4,958.62	304.82
07 72 36 00-0038	EA	5'-6" x 5'-6" Aluminum Covers And Curb, Smoke And Fire Vent	3,791.62	264.25
07 72 36 00-0039	EA	5'-6" x 12'-0" Aluminum Covers And Curb, Smoke And Fire Vent	7,415.32	325.18
07 72 36 00-0040	EA	6'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent	3,955.12	345.53
07 72 36 00-0041		Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb *(07 72 36)*		
07 72 36 00-0042	EA	4'-0" x 4'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent	2,336.96	162.10
07 72 36 00-0043	EA	4'-0" x 6'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent	2,969.51	223.54
07 72 36 00-0044	EA	4'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent	3,149.10	256.07
07 72 36 00-0045	EA	5'-0" x 5'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent	3,356.06	223.54
07 72 36 00-0046	EA	5'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent	3,566.39	284.60

07 72 38 Roof Dormers *(07 72)*

07 72 38 13 Roof Dormer Vent *(07 72 38)*

07 72 38 13-0001 Copper Roof Dormer Vent *(07 72 38 13)*

Note: Includes insect screen on the inside of the louvers and fabricated with sturdy wooden framing.

07 72 38 13-0002 Half Round Copper Roof Dormer Vent *(07 72 38 13-0001)*

07 72 38 13-0003	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	480.25	77.48
07 72 38 13-0004	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	600.46	77.48
07 72 38 13-0005	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	736.82	77.48
07 72 38 13-0006	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	839.09	77.48
07 72 38 13-0007	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	961.09	77.48
07 72 38 13-0008	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,079.51	77.48
07 72 38 13-0009	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,199.72	77.48
07 72 38 13-0010	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,319.93	77.48
07 72 38 13-0011	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,440.14	77.48
07 72 38 13-0012	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,558.56	77.48
07 72 38 13-0013	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,678.77	77.48
07 72 38 13-0014	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,798.98	77.48
07 72 38 13-0015	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	867.79	77.48
07 72 38 13-0016	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	988.01	77.48
07 72 38 13-0017	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,124.37	77.48
07 72 38 13-0018	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,226.63	77.48
07 72 38 13-0019	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,348.64	77.48
07 72 38 13-0020	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,467.06	77.48
07 72 38 13-0021	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,587.27	77.48
07 72 38 13-0022	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,707.48	77.48
07 72 38 13-0023	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	1,827.69	77.48
07 72 38 13-0024	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	1,946.11	77.48
07 72 38 13-0025	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,066.32	77.48
07 72 38 13-0026	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,186.53	77.48
07 72 38 13-0027	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	567.25	93.79
07 72 38 13-0028	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	687.46	93.79
07 72 38 13-0029	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	823.82	93.79
07 72 38 13-0030	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	926.09	93.79
07 72 38 13-0031	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,048.09	93.79
07 72 38 13-0032	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,166.51	93.79
07 72 38 13-0033	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,286.72	93.79
07 72 38 13-0034	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,406.93	93.79
07 72 38 13-0035	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,527.15	93.79
07 72 38 13-0036	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,645.56	93.79
07 72 38 13-0037	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,765.77	93.79
07 72 38 13-0038	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,885.99	93.79
07 72 38 13-0039	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	954.80	93.79
07 72 38 13-0040	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,075.01	93.79
07 72 38 13-0041	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,211.37	93.79
07 72 38 13-0042	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,313.64	93.79
07 72 38 13-0043	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,435.64	93.79
07 72 38 13-0044	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,554.06	93.79
07 72 38 13-0045	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,674.27	93.79
07 72 38 13-0046	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,794.48	93.79
07 72 38 13-0047	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	1,914.69	93.79
07 72 38 13-0048	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,033.11	93.79
07 72 38 13-0049	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,153.32	93.79
07 72 38 13-0050	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,273.53	93.79
07 72 38 13-0051	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	660.08	104.66
07 72 38 13-0052	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	780.29	104.66
07 72 38 13-0053	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	916.65	104.66
07 72 38 13-0054	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,018.92	104.66
07 72 38 13-0055	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,140.92	104.66
07 72 38 13-0056	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,259.34	104.66
07 72 38 13-0057	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,379.55	104.66
07 72 38 13-0058	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,499.76	104.66
07 72 38 13-0059	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,619.98	104.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0060	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,738.39	104.66
07 72 38 13-0061	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,858.60	104.66
07 72 38 13-0062	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,978.82	104.66
07 72 38 13-0063	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,047.63	104.66
07 72 38 13-0064	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,167.84	104.66
07 72 38 13-0065	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,304.20	104.66
07 72 38 13-0066	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,406.47	104.66
07 72 38 13-0067	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,528.47	104.66
07 72 38 13-0068	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,646.89	104.66
07 72 38 13-0069	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,767.10	104.66
07 72 38 13-0070	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,887.31	104.66
07 72 38 13-0071	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,007.52	104.66
07 72 38 13-0072	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,125.94	104.66
07 72 38 13-0073	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,246.15	104.66
07 72 38 13-0074	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,366.36	104.66
07 72 38 13-0075	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	770.25	119.62
07 72 38 13-0076	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	890.46	119.62
07 72 38 13-0077	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,026.82	119.62
07 72 38 13-0078	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,129.09	119.62
07 72 38 13-0079	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,251.09	119.62
07 72 38 13-0080	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,369.51	119.62
07 72 38 13-0081	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,489.72	119.62
07 72 38 13-0082	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,609.93	119.62
07 72 38 13-0083	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,730.14	119.62
07 72 38 13-0084	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,848.56	119.62
07 72 38 13-0085	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,968.77	119.62
07 72 38 13-0086	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,088.98	119.62
07 72 38 13-0087	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,157.79	119.62
07 72 38 13-0088	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,278.01	119.62
07 72 38 13-0089	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,414.36	119.62
07 72 38 13-0090	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,516.63	119.62
07 72 38 13-0091	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,638.64	119.62
07 72 38 13-0092	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,757.06	119.62
07 72 38 13-0093	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,877.27	119.62
07 72 38 13-0094	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,997.48	119.62
07 72 38 13-0095	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,117.69	119.62
07 72 38 13-0096	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,236.11	119.62
07 72 38 13-0097	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,356.32	119.62
07 72 38 13-0098	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,476.53	119.62
07 72 38 13-0099	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,092.85	133.21
07 72 38 13-0100	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,213.06	133.21
07 72 38 13-0101	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,349.42	133.21
07 72 38 13-0102	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,451.69	133.21
07 72 38 13-0103	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,573.70	133.21
07 72 38 13-0104	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,692.11	133.21
07 72 38 13-0105	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,812.33	133.21
07 72 38 13-0106	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,932.54	133.21
07 72 38 13-0107	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,052.75	133.21
07 72 38 13-0108	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,171.17	133.21
07 72 38 13-0109	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,291.38	133.21
07 72 38 13-0110	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,411.59	133.21
07 72 38 13-0111	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,480.40	133.21
07 72 38 13-0112	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,600.61	133.21
07 72 38 13-0113	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,736.97	133.21
07 72 38 13-0114	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,839.24	133.21
07 72 38 13-0115	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,961.24	133.21
07 72 38 13-0116	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,079.66	133.21
07 72 38 13-0117	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,199.87	133.21
07 72 38 13-0118	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,320.08	133.21
07 72 38 13-0119	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,440.30	133.21
07 72 38 13-0120	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,558.71	133.21
07 72 38 13-0121	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,678.92	133.21
07 72 38 13-0122	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,799.14	133.21
07 72 38 13-0123	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,477.26	133.21
07 72 38 13-0124	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,615.14	144.08
07 72 38 13-0125	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,751.50	144.08
07 72 38 13-0126	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,853.77	144.08
07 72 38 13-0127	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,975.77	144.08
07 72 38 13-0128	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,094.19	144.08
07 72 38 13-0129	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,214.40	144.08
07 72 38 13-0130	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,334.61	144.08
07 72 38 13-0131	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,454.83	144.08
07 72 38 13-0132	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,573.24	144.08
07 72 38 13-0133	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,693.45	144.08
07 72 38 13-0134	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,813.67	144.08
07 72 38 13-0135	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,882.48	144.08
07 72 38 13-0136	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,002.69	144.08
07 72 38 13-0137	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,139.05	144.08
07 72 38 13-0138	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,241.32	144.08
07 72 38 13-0139	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,363.32	144.08
07 72 38 13-0140	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,481.74	144.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0141	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,601.95	144.08
07 72 38 13-0142	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,722.16	144.08
07 72 38 13-0143	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,842.37	144.08
07 72 38 13-0144	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,960.79	144.08
07 72 38 13-0145	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,081.00	144.08
07 72 38 13-0146	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,201.21	144.08
07 72 38 13-0147		**Third Round Copper Roof Dormer Vent** *(07 72 38 13-0001)*		
07 72 38 13-0148	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	723.62	119.62
07 72 38 13-0149	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	843.83	119.62
07 72 38 13-0150	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	980.19	119.62
07 72 38 13-0151	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,082.46	119.62
07 72 38 13-0152	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,204.46	119.62
07 72 38 13-0153	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,322.88	119.62
07 72 38 13-0154	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,443.09	119.62
07 72 38 13-0155	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,563.30	119.62
07 72 38 13-0156	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,683.51	119.62
07 72 38 13-0157	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,801.93	119.62
07 72 38 13-0158	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,922.14	119.62
07 72 38 13-0159	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,042.35	119.62
07 72 38 13-0160	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	949.68	119.62
07 72 38 13-0161	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,069.90	119.62
07 72 38 13-0162	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,206.26	119.62
07 72 38 13-0163	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,308.52	119.62
07 72 38 13-0164	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,430.53	119.62
07 72 38 13-0165	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,548.95	119.62
07 72 38 13-0166	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,669.16	119.62
07 72 38 13-0167	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,789.37	119.62
07 72 38 13-0168	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	1,909.58	119.62
07 72 38 13-0169	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,028.00	119.62
07 72 38 13-0170	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,148.21	119.62
07 72 38 13-0171	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,268.42	119.62
07 72 38 13-0172	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	824.01	133.21
07 72 38 13-0173	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	944.22	133.21
07 72 38 13-0174	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,080.58	133.21
07 72 38 13-0175	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,182.85	133.21
07 72 38 13-0176	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,304.85	133.21
07 72 38 13-0177	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,423.27	133.21
07 72 38 13-0178	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,543.48	133.21
07 72 38 13-0179	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,663.69	133.21
07 72 38 13-0180	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,783.91	133.21
07 72 38 13-0181	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,902.32	133.21
07 72 38 13-0182	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,022.53	133.21
07 72 38 13-0183	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,142.75	133.21
07 72 38 13-0184	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,050.08	133.21
07 72 38 13-0185	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,170.29	133.21
07 72 38 13-0186	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,306.65	133.21
07 72 38 13-0187	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,408.92	133.21
07 72 38 13-0188	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,530.92	133.21
07 72 38 13-0189	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,649.34	133.21
07 72 38 13-0190	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,769.55	133.21
07 72 38 13-0191	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,889.76	133.21
07 72 38 13-0192	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,009.97	133.21
07 72 38 13-0193	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,128.39	133.21
07 72 38 13-0194	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,248.60	133.21
07 72 38 13-0195	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,368.81	133.21
07 72 38 13-0196	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,051.14	133.21
07 72 38 13-0197	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,189.02	144.08
07 72 38 13-0198	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,325.38	144.08
07 72 38 13-0199	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,427.65	144.08
07 72 38 13-0200	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,549.65	144.08
07 72 38 13-0201	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,668.07	144.08
07 72 38 13-0202	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,788.28	144.08
07 72 38 13-0203	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,908.49	144.08
07 72 38 13-0204	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,028.70	144.08
07 72 38 13-0205	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,147.12	144.08
07 72 38 13-0206	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,267.33	144.08
07 72 38 13-0207	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,387.54	144.08
07 72 38 13-0208	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,294.88	144.08
07 72 38 13-0209	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,415.09	144.08
07 72 38 13-0210	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,551.45	144.08
07 72 38 13-0211	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,653.72	144.08
07 72 38 13-0212	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,775.72	144.08
07 72 38 13-0213	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,894.14	144.08
07 72 38 13-0214	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,014.35	144.08
07 72 38 13-0215	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,134.56	144.08
07 72 38 13-0216	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,254.77	144.08
07 72 38 13-0217	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,373.19	144.08
07 72 38 13-0218	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,493.40	144.08
07 72 38 13-0219	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,613.61	144.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0220		Triangle Copper Roof Dormer Vent *(07 72 38 13-0001)*		
07 72 38 13-0221	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	813.86	77.48
07 72 38 13-0222	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	934.07	77.48
07 72 38 13-0223	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,070.43	77.48
07 72 38 13-0224	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,172.70	77.48
07 72 38 13-0225	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,294.71	77.48
07 72 38 13-0226	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,413.12	77.48
07 72 38 13-0227	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,533.34	77.48
07 72 38 13-0228	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,653.55	77.48
07 72 38 13-0229	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,773.76	77.48
07 72 38 13-0230	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,892.18	77.48
07 72 38 13-0231	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,012.39	77.48
07 72 38 13-0232	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,132.60	77.48
07 72 38 13-0233	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,201.41	77.48
07 72 38 13-0234	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,321.62	77.48
07 72 38 13-0235	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,457.98	77.48
07 72 38 13-0236	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,560.25	77.48
07 72 38 13-0237	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,682.25	77.48
07 72 38 13-0238	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,800.67	77.48
07 72 38 13-0239	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,920.88	77.48
07 72 38 13-0240	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,041.09	77.48
07 72 38 13-0241	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,161.31	77.48
07 72 38 13-0242	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,279.72	77.48
07 72 38 13-0243	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,399.93	77.48
07 72 38 13-0244	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,520.15	77.48
07 72 38 13-0245	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	875.87	77.48
07 72 38 13-0246	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	996.08	77.48
07 72 38 13-0247	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,132.44	77.48
07 72 38 13-0248	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,234.71	77.48
07 72 38 13-0249	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,356.71	77.48
07 72 38 13-0250	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,475.13	77.48
07 72 38 13-0251	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,595.34	77.48
07 72 38 13-0252	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,715.55	77.48
07 72 38 13-0253	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,835.77	77.48
07 72 38 13-0254	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,954.18	77.48
07 72 38 13-0255	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,074.39	77.48
07 72 38 13-0256	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,194.61	77.48
07 72 38 13-0257	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,263.42	77.48
07 72 38 13-0258	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,383.63	77.48
07 72 38 13-0259	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,519.99	77.48
07 72 38 13-0260	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,622.26	77.48
07 72 38 13-0261	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,744.26	77.48
07 72 38 13-0262	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,862.68	77.48
07 72 38 13-0263	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,982.89	77.48
07 72 38 13-0264	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,103.10	77.48
07 72 38 13-0265	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,223.31	77.48
07 72 38 13-0266	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,341.73	77.48
07 72 38 13-0267	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,461.94	77.48
07 72 38 13-0268	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,582.15	77.48
07 72 38 13-0269	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	981.66	93.79
07 72 38 13-0270	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,101.87	93.79
07 72 38 13-0271	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,238.23	93.79
07 72 38 13-0272	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,340.50	93.79
07 72 38 13-0273	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,462.50	93.79
07 72 38 13-0274	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,580.92	93.79
07 72 38 13-0275	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,701.13	93.79
07 72 38 13-0276	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,821.34	93.79
07 72 38 13-0277	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,941.55	93.79
07 72 38 13-0278	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,059.97	93.79
07 72 38 13-0279	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,180.18	93.79
07 72 38 13-0280	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,300.39	93.79
07 72 38 13-0281	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,369.20	93.79
07 72 38 13-0282	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,489.41	93.79
07 72 38 13-0283	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,625.77	93.79
07 72 38 13-0284	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,728.04	93.79
07 72 38 13-0285	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,850.05	93.79
07 72 38 13-0286	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,968.47	93.79
07 72 38 13-0287	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,088.68	93.79
07 72 38 13-0288	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,208.89	93.79
07 72 38 13-0289	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,329.10	93.79
07 72 38 13-0290	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,447.52	93.79
07 72 38 13-0291	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,567.73	93.79
07 72 38 13-0292	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,687.94	93.79
07 72 38 13-0293	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,091.89	93.79
07 72 38 13-0294	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,212.10	93.79
07 72 38 13-0295	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,348.46	93.79
07 72 38 13-0296	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,450.73	93.79
07 72 38 13-0297	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,572.74	93.79
07 72 38 13-0298	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,691.15	93.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0299	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,811.37	93.79
07 72 38 13-0300	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,931.58	93.79
07 72 38 13-0301	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,051.79	93.79
07 72 38 13-0302	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,170.21	93.79
07 72 38 13-0303	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,290.42	93.79
07 72 38 13-0304	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,410.63	93.79
07 72 38 13-0305	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,479.44	93.79
07 72 38 13-0306	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,599.65	93.79
07 72 38 13-0307	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,736.01	93.79
07 72 38 13-0308	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,838.28	93.79
07 72 38 13-0309	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,960.28	93.79
07 72 38 13-0310	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,078.70	93.79
07 72 38 13-0311	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,198.91	93.79
07 72 38 13-0312	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,319.12	93.79
07 72 38 13-0313	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,439.34	93.79
07 72 38 13-0314	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,557.75	93.79
07 72 38 13-0315	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,677.96	93.79
07 72 38 13-0316	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,798.18	93.79
07 72 38 13-0317	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,185.35	104.66
07 72 38 13-0318	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,305.56	104.66
07 72 38 13-0319	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,441.92	104.66
07 72 38 13-0320	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,544.19	104.66
07 72 38 13-0321	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,666.19	104.66
07 72 38 13-0322	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,784.61	104.66
07 72 38 13-0323	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,904.82	104.66
07 72 38 13-0324	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,025.03	104.66
07 72 38 13-0325	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,145.25	104.66
07 72 38 13-0326	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,263.66	104.66
07 72 38 13-0327	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,383.87	104.66
07 72 38 13-0328	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,504.09	104.66
07 72 38 13-0329	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,572.90	104.66
07 72 38 13-0330	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,693.11	104.66
07 72 38 13-0331	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,829.47	104.66
07 72 38 13-0332	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,931.74	104.66
07 72 38 13-0333	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,053.74	104.66
07 72 38 13-0334	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,172.16	104.66
07 72 38 13-0335	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,292.37	104.66
07 72 38 13-0336	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,412.58	104.66
07 72 38 13-0337	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,532.79	104.66
07 72 38 13-0338	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,651.21	104.66
07 72 38 13-0339	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,771.42	104.66
07 72 38 13-0340	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,891.63	104.66
07 72 38 13-0341	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,357.59	104.66
07 72 38 13-0342	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,477.80	104.66
07 72 38 13-0343	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,614.16	104.66
07 72 38 13-0344	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,716.43	104.66
07 72 38 13-0345	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,838.44	104.66
07 72 38 13-0346	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,956.85	104.66
07 72 38 13-0347	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,077.07	104.66
07 72 38 13-0348	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,197.28	104.66
07 72 38 13-0349	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,317.49	104.66
07 72 38 13-0350	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,435.91	104.66
07 72 38 13-0351	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,556.12	104.66
07 72 38 13-0352	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,676.33	104.66
07 72 38 13-0353	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,745.14	104.66
07 72 38 13-0354	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,865.35	104.66
07 72 38 13-0355	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,001.71	104.66
07 72 38 13-0356	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,103.98	104.66
07 72 38 13-0357	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,225.98	104.66
07 72 38 13-0358	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,344.40	104.66
07 72 38 13-0359	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,464.61	104.66
07 72 38 13-0360	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,584.82	104.66
07 72 38 13-0361	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,705.04	104.66
07 72 38 13-0362	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,823.45	104.66
07 72 38 13-0363	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,943.66	104.66
07 72 38 13-0364	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,063.88	104.66
07 72 38 13-0365	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,434.46	119.62
07 72 38 13-0366	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,554.67	119.62
07 72 38 13-0367	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,691.03	119.62
07 72 38 13-0368	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,793.30	119.62
07 72 38 13-0369	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,915.30	119.62
07 72 38 13-0370	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,033.72	119.62
07 72 38 13-0371	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,153.93	119.62
07 72 38 13-0372	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,274.14	119.62
07 72 38 13-0373	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,394.36	119.62
07 72 38 13-0374	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,512.77	119.62
07 72 38 13-0375	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,632.98	119.62
07 72 38 13-0376	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,753.20	119.62
07 72 38 13-0377	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,822.01	119.62
07 72 38 13-0378	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,942.22	119.62
07 72 38 13-0379	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,078.58	119.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0380	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,180.85	119.62
07 72 38 13-0381	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,302.85	119.62
07 72 38 13-0382	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,421.27	119.62
07 72 38 13-0383	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,541.48	119.62
07 72 38 13-0384	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,661.69	119.62
07 72 38 13-0385	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,781.90	119.62
07 72 38 13-0386	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,900.32	119.62
07 72 38 13-0387	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,020.53	119.62
07 72 38 13-0388	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,140.74	119.62
07 72 38 13-0389	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,682.49	119.62
07 72 38 13-0390	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,802.70	119.62
07 72 38 13-0391	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,939.06	119.62
07 72 38 13-0392	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,041.33	119.62
07 72 38 13-0393	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,163.34	119.62
07 72 38 13-0394	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,281.75	119.62
07 72 38 13-0395	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,401.96	119.62
07 72 38 13-0396	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,522.18	119.62
07 72 38 13-0397	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,642.39	119.62
07 72 38 13-0398	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,760.80	119.62
07 72 38 13-0399	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,881.02	119.62
07 72 38 13-0400	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,001.23	119.62
07 72 38 13-0401	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,070.04	119.62
07 72 38 13-0402	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,190.25	119.62
07 72 38 13-0403	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,326.61	119.62
07 72 38 13-0404	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,428.88	119.62
07 72 38 13-0405	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,550.88	119.62
07 72 38 13-0406	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,669.30	119.62
07 72 38 13-0407	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,789.51	119.62
07 72 38 13-0408	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,909.72	119.62
07 72 38 13-0409	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,029.93	119.62
07 72 38 13-0410	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,148.35	119.62
07 72 38 13-0411	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,268.56	119.62
07 72 38 13-0412	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,388.77	119.62
07 72 38 13-0413	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,723.55	133.21
07 72 38 13-0414	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,843.76	133.21
07 72 38 13-0415	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,980.12	133.21
07 72 38 13-0416	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,082.39	133.21
07 72 38 13-0417	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,204.39	133.21
07 72 38 13-0418	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,322.81	133.21
07 72 38 13-0419	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,443.02	133.21
07 72 38 13-0420	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,563.23	133.21
07 72 38 13-0421	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,683.45	133.21
07 72 38 13-0422	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,801.86	133.21
07 72 38 13-0423	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,922.07	133.21
07 72 38 13-0424	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,042.29	133.21
07 72 38 13-0425	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,111.10	133.21
07 72 38 13-0426	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,231.31	133.21
07 72 38 13-0427	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,367.67	133.21
07 72 38 13-0428	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,469.94	133.21
07 72 38 13-0429	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,591.94	133.21
07 72 38 13-0430	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,710.36	133.21
07 72 38 13-0431	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,830.57	133.21
07 72 38 13-0432	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,950.78	133.21
07 72 38 13-0433	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,070.99	133.21
07 72 38 13-0434	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,189.41	133.21
07 72 38 13-0435	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,309.62	133.21
07 72 38 13-0436	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,429.83	133.21
07 72 38 13-0437	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,061.15	132.77
07 72 38 13-0438	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,181.36	132.77
07 72 38 13-0439	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,317.72	132.77
07 72 38 13-0440	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,419.99	132.77
07 72 38 13-0441	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,541.99	132.77
07 72 38 13-0442	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,660.41	132.77
07 72 38 13-0443	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,780.62	132.77
07 72 38 13-0444	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,900.83	132.77
07 72 38 13-0445	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,021.04	132.77
07 72 38 13-0446	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,139.46	132.77
07 72 38 13-0447	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,259.67	132.77
07 72 38 13-0448	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,379.88	132.77
07 72 38 13-0449	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,448.69	132.77
07 72 38 13-0450	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,568.90	132.77
07 72 38 13-0451	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,705.26	132.77
07 72 38 13-0452	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,807.53	132.77
07 72 38 13-0453	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,929.54	132.77
07 72 38 13-0454	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,047.96	132.77
07 72 38 13-0455	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,168.17	132.77
07 72 38 13-0456	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,288.38	132.77
07 72 38 13-0457	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,408.59	132.77
07 72 38 13-0458	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,527.01	132.77
07 72 38 13-0459	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,647.22	132.77
07 72 38 13-0460	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,767.43	132.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0461	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,033.59	132.77
07 72 38 13-0462	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,171.47	144.43
07 72 38 13-0463	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,307.83	144.43
07 72 38 13-0464	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,410.10	144.43
07 72 38 13-0465	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,532.10	144.43
07 72 38 13-0466	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,650.52	144.43
07 72 38 13-0467	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,770.73	144.43
07 72 38 13-0468	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,890.94	144.43
07 72 38 13-0469	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,011.15	144.43
07 72 38 13-0470	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,129.57	144.43
07 72 38 13-0471	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,249.78	144.43
07 72 38 13-0472	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,369.99	144.43
07 72 38 13-0473	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,438.80	144.43
07 72 38 13-0474	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,559.02	144.43
07 72 38 13-0475	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,695.37	144.43
07 72 38 13-0476	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,797.64	144.43
07 72 38 13-0477	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,919.65	144.43
07 72 38 13-0478	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,038.07	144.43
07 72 38 13-0479	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,158.28	144.43
07 72 38 13-0480	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,278.49	144.43
07 72 38 13-0481	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,398.70	144.43
07 72 38 13-0482	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,517.12	144.43
07 72 38 13-0483	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,637.33	144.43
07 72 38 13-0484	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,757.54	144.43
07 72 38 13-0485	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,474.53	132.77
07 72 38 13-0486	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,612.41	144.43
07 72 38 13-0487	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,748.77	144.43
07 72 38 13-0488	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,851.04	144.43
07 72 38 13-0489	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,973.04	144.43
07 72 38 13-0490	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	3,091.46	144.43
07 72 38 13-0491	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,211.67	144.43
07 72 38 13-0492	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,331.88	144.43
07 72 38 13-0493	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,452.10	144.43
07 72 38 13-0494	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,570.51	144.43
07 72 38 13-0495	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,690.72	144.43
07 72 38 13-0496	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,810.94	144.43
07 72 38 13-0497	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,879.75	144.43
07 72 38 13-0498	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,999.96	144.43
07 72 38 13-0499	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	3,136.32	144.43
07 72 38 13-0500	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,238.59	144.43
07 72 38 13-0501	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,360.59	144.43
07 72 38 13-0502	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,479.01	144.43
07 72 38 13-0503	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,599.22	144.43
07 72 38 13-0504	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,719.43	144.43
07 72 38 13-0505	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,839.64	144.43
07 72 38 13-0506	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,958.06	144.43
07 72 38 13-0507	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	4,078.27	144.43
07 72 38 13-0508	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	4,198.48	144.43

07 72 38 13-0509 Arched Triangle Copper Roof Dormer Vent *(07 72 38 13-0001)*

07 72 38 13-0510	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	906.84	77.48
07 72 38 13-0511	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,027.05	77.48
07 72 38 13-0512	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,163.41	77.48
07 72 38 13-0513	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,265.68	77.48
07 72 38 13-0514	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,387.68	77.48
07 72 38 13-0515	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,506.10	77.48
07 72 38 13-0516	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,626.31	77.48
07 72 38 13-0517	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,746.52	77.48
07 72 38 13-0518	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,866.73	77.48
07 72 38 13-0519	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,985.15	77.48
07 72 38 13-0520	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,105.36	77.48
07 72 38 13-0521	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,225.57	77.48
07 72 38 13-0522	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,294.38	77.48
07 72 38 13-0523	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,414.60	77.48
07 72 38 13-0524	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,550.95	77.48
07 72 38 13-0525	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,653.22	77.48
07 72 38 13-0526	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,775.23	77.48
07 72 38 13-0527	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,893.65	77.48
07 72 38 13-0528	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,013.86	77.48
07 72 38 13-0529	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,134.07	77.48
07 72 38 13-0530	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,254.28	77.48
07 72 38 13-0531	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,372.70	77.48
07 72 38 13-0532	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,492.91	77.48
07 72 38 13-0533	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,613.12	77.48
07 72 38 13-0534	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	979.93	77.48
07 72 38 13-0535	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,100.14	77.48
07 72 38 13-0536	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,236.50	77.48
07 72 38 13-0537	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,338.77	77.48
07 72 38 13-0538	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,460.78	77.48
07 72 38 13-0539	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,579.20	77.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0540	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,699.41	77.48
07 72 38 13-0541	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,819.62	77.48
07 72 38 13-0542	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,939.83	77.48
07 72 38 13-0543	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,058.25	77.48
07 72 38 13-0544	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,178.46	77.48
07 72 38 13-0545	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,298.67	77.48
07 72 38 13-0546	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,367.48	77.48
07 72 38 13-0547	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,487.69	77.48
07 72 38 13-0548	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,624.05	77.48
07 72 38 13-0549	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,726.32	77.48
07 72 38 13-0550	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,848.33	77.48
07 72 38 13-0551	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,966.74	77.48
07 72 38 13-0552	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,086.95	77.48
07 72 38 13-0553	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,207.17	77.48
07 72 38 13-0554	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,327.38	77.48
07 72 38 13-0555	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,445.79	77.48
07 72 38 13-0556	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,566.01	77.48
07 72 38 13-0557	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,686.22	77.48
07 72 38 13-0558	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,100.50	93.79
07 72 38 13-0559	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,220.71	93.79
07 72 38 13-0560	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,357.07	93.79
07 72 38 13-0561	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,459.34	93.79
07 72 38 13-0562	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,581.35	93.79
07 72 38 13-0563	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,699.77	93.79
07 72 38 13-0564	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,819.98	93.79
07 72 38 13-0565	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,940.19	93.79
07 72 38 13-0566	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,060.40	93.79
07 72 38 13-0567	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,178.82	93.79
07 72 38 13-0568	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,299.03	93.79
07 72 38 13-0569	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,419.24	93.79
07 72 38 13-0570	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,488.05	93.79
07 72 38 13-0571	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,608.26	93.79
07 72 38 13-0572	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,744.62	93.79
07 72 38 13-0573	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,846.89	93.79
07 72 38 13-0574	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,968.90	93.79
07 72 38 13-0575	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,087.31	93.79
07 72 38 13-0576	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,207.52	93.79
07 72 38 13-0577	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,327.74	93.79
07 72 38 13-0578	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,447.95	93.79
07 72 38 13-0579	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,566.36	93.79
07 72 38 13-0580	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,686.58	93.79
07 72 38 13-0581	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,806.79	93.79
07 72 38 13-0582	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,230.46	93.79
07 72 38 13-0583	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,350.67	93.79
07 72 38 13-0584	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,487.03	93.79
07 72 38 13-0585	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,589.30	93.79
07 72 38 13-0586	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,711.30	93.79
07 72 38 13-0587	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,829.72	93.79
07 72 38 13-0588	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,949.93	93.79
07 72 38 13-0589	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,070.14	93.79
07 72 38 13-0590	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,190.35	93.79
07 72 38 13-0591	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,308.77	93.79
07 72 38 13-0592	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,428.98	93.79
07 72 38 13-0593	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,549.19	93.79
07 72 38 13-0594	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,618.00	93.79
07 72 38 13-0595	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,738.22	93.79
07 72 38 13-0596	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,874.58	93.79
07 72 38 13-0597	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,976.84	93.79
07 72 38 13-0598	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,098.85	93.79
07 72 38 13-0599	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,217.27	93.79
07 72 38 13-0600	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,337.48	93.79
07 72 38 13-0601	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,457.69	93.79
07 72 38 13-0602	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,577.90	93.79
07 72 38 13-0603	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,696.32	93.79
07 72 38 13-0604	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,816.53	93.79
07 72 38 13-0605	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,936.74	93.79
07 72 38 13-0606	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,337.48	104.66
07 72 38 13-0607	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,457.69	104.66
07 72 38 13-0608	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,594.05	104.66
07 72 38 13-0609	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,696.32	104.66
07 72 38 13-0610	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,818.32	104.66
07 72 38 13-0611	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,936.74	104.66
07 72 38 13-0612	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,056.95	104.66
07 72 38 13-0613	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,177.16	104.66
07 72 38 13-0614	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,297.38	104.66
07 72 38 13-0615	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,415.79	104.66
07 72 38 13-0616	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,536.00	104.66
07 72 38 13-0617	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,656.22	104.66
07 72 38 13-0618	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,725.03	104.66
07 72 38 13-0619	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,845.24	104.66
07 72 38 13-0620	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,981.60	104.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0621	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,083.87	104.66
07 72 38 13-0622	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,205.87	104.66
07 72 38 13-0623	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,324.29	104.66
07 72 38 13-0624	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,444.50	104.66
07 72 38 13-0625	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,564.71	104.66
07 72 38 13-0626	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,684.92	104.66
07 72 38 13-0627	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,803.34	104.66
07 72 38 13-0628	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,923.55	104.66
07 72 38 13-0629	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,043.76	104.66
07 72 38 13-0630	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,540.53	104.66
07 72 38 13-0631	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,660.74	104.66
07 72 38 13-0632	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,797.10	104.66
07 72 38 13-0633	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,899.37	104.66
07 72 38 13-0634	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,021.37	104.66
07 72 38 13-0635	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,139.79	104.66
07 72 38 13-0636	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,260.00	104.66
07 72 38 13-0637	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,380.21	104.66
07 72 38 13-0638	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,500.43	104.66
07 72 38 13-0639	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,618.84	104.66
07 72 38 13-0640	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,739.05	104.66
07 72 38 13-0641	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,859.27	104.66
07 72 38 13-0642	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,928.08	104.66
07 72 38 13-0643	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,048.29	104.66
07 72 38 13-0644	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,184.65	104.66
07 72 38 13-0645	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,286.92	104.66
07 72 38 13-0646	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,408.92	104.66
07 72 38 13-0647	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,527.34	104.66
07 72 38 13-0648	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,647.55	104.66
07 72 38 13-0649	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,767.76	104.66
07 72 38 13-0650	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,887.97	104.66
07 72 38 13-0651	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,006.39	104.66
07 72 38 13-0652	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,126.60	104.66
07 72 38 13-0653	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,246.81	104.66
07 72 38 13-0654	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,627.25	119.62
07 72 38 13-0655	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,747.46	119.62
07 72 38 13-0656	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,883.82	119.62
07 72 38 13-0657	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,986.09	119.62
07 72 38 13-0658	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,108.09	119.62
07 72 38 13-0659	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,226.51	119.62
07 72 38 13-0660	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,346.72	119.62
07 72 38 13-0661	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,466.93	119.62
07 72 38 13-0662	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,587.14	119.62
07 72 38 13-0663	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,705.56	119.62
07 72 38 13-0664	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,825.77	119.62
07 72 38 13-0665	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,945.98	119.62
07 72 38 13-0666	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,014.79	119.62
07 72 38 13-0667	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,135.00	119.62
07 72 38 13-0668	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,271.36	119.62
07 72 38 13-0669	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,373.63	119.62
07 72 38 13-0670	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,495.64	119.62
07 72 38 13-0671	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,614.06	119.62
07 72 38 13-0672	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,734.27	119.62
07 72 38 13-0673	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,854.48	119.62
07 72 38 13-0674	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,974.69	119.62
07 72 38 13-0675	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,093.11	119.62
07 72 38 13-0676	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,213.32	119.62
07 72 38 13-0677	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,333.53	119.62
07 72 38 13-0678	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,919.65	119.62
07 72 38 13-0679	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,039.86	119.62
07 72 38 13-0680	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,176.22	119.62
07 72 38 13-0681	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,278.49	119.62
07 72 38 13-0682	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,400.49	119.62
07 72 38 13-0683	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,518.91	119.62
07 72 38 13-0684	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,639.12	119.62
07 72 38 13-0685	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,759.33	119.62
07 72 38 13-0686	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,879.54	119.62
07 72 38 13-0687	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,997.96	119.62
07 72 38 13-0688	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,118.17	119.62
07 72 38 13-0689	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,238.38	119.62
07 72 38 13-0690	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,307.19	119.62
07 72 38 13-0691	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,427.41	119.62
07 72 38 13-0692	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,563.76	119.62
07 72 38 13-0693	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,666.03	119.62
07 72 38 13-0694	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,788.04	119.62
07 72 38 13-0695	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,906.46	119.62
07 72 38 13-0696	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,026.67	119.62
07 72 38 13-0697	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,146.88	119.62
07 72 38 13-0698	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,267.09	119.62
07 72 38 13-0699	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,385.51	119.62
07 72 38 13-0700	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,505.72	119.62
07 72 38 13-0701	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,625.93	119.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0702	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,964.40	133.21
07 72 38 13-0703	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,084.61	133.21
07 72 38 13-0704	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,220.97	133.21
07 72 38 13-0705	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,323.24	133.21
07 72 38 13-0706	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,445.25	133.21
07 72 38 13-0707	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,563.66	133.21
07 72 38 13-0708	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,683.88	133.21
07 72 38 13-0709	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,804.09	133.21
07 72 38 13-0710	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,924.30	133.21
07 72 38 13-0711	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,042.72	133.21
07 72 38 13-0712	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,162.93	133.21
07 72 38 13-0713	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,283.14	133.21
07 72 38 13-0714	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,351.95	133.21
07 72 38 13-0715	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,472.16	133.21
07 72 38 13-0716	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,608.52	133.21
07 72 38 13-0717	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,710.79	133.21
07 72 38 13-0718	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,832.79	133.21
07 72 38 13-0719	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,951.21	133.21
07 72 38 13-0720	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,071.42	133.21
07 72 38 13-0721	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,191.63	133.21
07 72 38 13-0722	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,311.85	133.21
07 72 38 13-0723	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,430.26	133.21
07 72 38 13-0724	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,550.47	133.21
07 72 38 13-0725	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,670.69	133.21
07 72 38 13-0726	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,362.39	132.77
07 72 38 13-0727	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,482.60	132.77
07 72 38 13-0728	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,618.96	132.77
07 72 38 13-0729	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,721.23	132.77
07 72 38 13-0730	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,843.24	132.77
07 72 38 13-0731	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,961.65	132.77
07 72 38 13-0732	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,081.87	132.77
07 72 38 13-0733	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,202.08	132.77
07 72 38 13-0734	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,322.29	132.77
07 72 38 13-0735	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,440.71	132.77
07 72 38 13-0736	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,560.92	132.77
07 72 38 13-0737	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,681.13	132.77
07 72 38 13-0738	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,749.94	132.77
07 72 38 13-0739	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,870.15	132.77
07 72 38 13-0740	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	3,006.51	132.77
07 72 38 13-0741	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,108.78	132.77
07 72 38 13-0742	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,230.78	132.77
07 72 38 13-0743	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,349.20	132.77
07 72 38 13-0744	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,469.41	132.77
07 72 38 13-0745	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,589.62	132.77
07 72 38 13-0746	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,709.84	132.77
07 72 38 13-0747	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,828.25	132.77
07 72 38 13-0748	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,948.46	132.77
07 72 38 13-0749	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	4,068.68	132.77
07 72 38 13-0750	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,329.90	132.77
07 72 38 13-0751	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,467.78	144.43
07 72 38 13-0752	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,604.14	144.43
07 72 38 13-0753	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,706.41	144.43
07 72 38 13-0754	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,828.41	144.43
07 72 38 13-0755	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,946.83	144.43
07 72 38 13-0756	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,067.04	144.43
07 72 38 13-0757	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,187.25	144.43
07 72 38 13-0758	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,307.47	144.43
07 72 38 13-0759	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,425.88	144.43
07 72 38 13-0760	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,546.09	144.43
07 72 38 13-0761	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,666.31	144.43
07 72 38 13-0762	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,735.12	144.43
07 72 38 13-0763	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,855.33	144.43
07 72 38 13-0764	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,991.69	144.43
07 72 38 13-0765	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,093.96	144.43
07 72 38 13-0766	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,215.96	144.43
07 72 38 13-0767	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,334.38	144.43
07 72 38 13-0768	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,454.59	144.43
07 72 38 13-0769	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,574.80	144.43
07 72 38 13-0770	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,695.01	144.43
07 72 38 13-0771	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,813.43	144.43
07 72 38 13-0772	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,933.64	144.43
07 72 38 13-0773	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	4,053.85	144.43
07 72 38 13-0774	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,849.71	132.77
07 72 38 13-0775	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,987.60	144.43
07 72 38 13-0776	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	3,123.95	144.43
07 72 38 13-0777	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	3,226.22	144.43
07 72 38 13-0778	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	3,348.23	144.43
07 72 38 13-0779	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	3,466.65	144.43
07 72 38 13-0780	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,586.86	144.43
07 72 38 13-0781	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,707.07	144.43
07 72 38 13-0782	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,827.28	144.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0783	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,945.70	144.43
07 72 38 13-0784	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	4,065.91	144.43
07 72 38 13-0785	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	4,186.12	144.43
07 72 38 13-0786	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	3,254.93	144.43
07 72 38 13-0787	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	3,375.14	144.43
07 72 38 13-0788	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	3,511.50	144.43
07 72 38 13-0789	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,613.77	144.43
07 72 38 13-0790	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,735.78	144.43
07 72 38 13-0791	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,854.19	144.43
07 72 38 13-0792	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,974.41	144.43
07 72 38 13-0793	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	4,094.62	144.43
07 72 38 13-0794	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	4,214.83	144.43
07 72 38 13-0795	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	4,333.25	144.43
07 72 38 13-0796	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	4,453.46	144.43
07 72 38 13-0797	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	4,573.67	144.43
07 72 38 13-0798		**Eyebrow Copper Roof Dormer Vent** *(07 72 38 13-0001)*		
07 72 38 13-0799	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	763.27	119.62
07 72 38 13-0800	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	883.48	119.62
07 72 38 13-0801	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,019.84	119.62
07 72 38 13-0802	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,122.11	119.62
07 72 38 13-0803	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,244.11	119.62
07 72 38 13-0804	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,362.53	119.62
07 72 38 13-0805	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,482.74	119.62
07 72 38 13-0806	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,602.95	119.62
07 72 38 13-0807	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,723.16	119.62
07 72 38 13-0808	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,841.58	119.62
07 72 38 13-0809	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,961.79	119.62
07 72 38 13-0810	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,082.00	119.62
07 72 38 13-0811	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,150.81	119.62
07 72 38 13-0812	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,271.03	119.62
07 72 38 13-0813	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,407.38	119.62
07 72 38 13-0814	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,509.65	119.62
07 72 38 13-0815	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,631.66	119.62
07 72 38 13-0816	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,750.08	119.62
07 72 38 13-0817	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,870.29	119.62
07 72 38 13-0818	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,990.50	119.62
07 72 38 13-0819	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,110.71	119.62
07 72 38 13-0820	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,229.13	119.62
07 72 38 13-0821	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,349.34	119.62
07 72 38 13-0822	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,469.55	119.62
07 72 38 13-0823	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,293.34	133.21
07 72 38 13-0824	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,413.55	133.21
07 72 38 13-0825	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,549.91	133.21
07 72 38 13-0826	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,652.18	133.21
07 72 38 13-0827	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,774.18	133.21
07 72 38 13-0828	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,892.60	133.21
07 72 38 13-0829	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,012.81	133.21
07 72 38 13-0830	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,133.02	133.21
07 72 38 13-0831	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,253.23	133.21
07 72 38 13-0832	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,371.65	133.21
07 72 38 13-0833	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,491.86	133.21
07 72 38 13-0834	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,612.07	133.21
07 72 38 13-0835	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,680.88	133.21
07 72 38 13-0836	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,801.09	133.21
07 72 38 13-0837	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,937.45	133.21
07 72 38 13-0838	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,039.72	133.21
07 72 38 13-0839	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,161.73	133.21
07 72 38 13-0840	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,280.15	133.21
07 72 38 13-0841	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,400.36	133.21
07 72 38 13-0842	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,520.57	133.21
07 72 38 13-0843	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,640.78	133.21
07 72 38 13-0844	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,759.20	133.21
07 72 38 13-0845	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,879.41	133.21
07 72 38 13-0846	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,999.62	133.21
07 72 38 13-0847	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,730.19	133.21
07 72 38 13-0848	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,868.07	144.08
07 72 38 13-0849	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,004.43	144.08
07 72 38 13-0850	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,106.70	144.08
07 72 38 13-0851	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,228.70	144.08
07 72 38 13-0852	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,347.12	144.08
07 72 38 13-0853	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,467.33	144.08
07 72 38 13-0854	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,587.54	144.08
07 72 38 13-0855	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,707.75	144.08
07 72 38 13-0856	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,826.17	144.08
07 72 38 13-0857	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,946.38	144.08
07 72 38 13-0858	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,066.59	144.08
07 72 38 13-0859	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,135.40	144.08
07 72 38 13-0860	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,255.62	144.08
07 72 38 13-0861	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,391.98	144.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0862	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,494.24	144.08
07 72 38 13-0863	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,616.25	144.08
07 72 38 13-0864	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,734.67	144.08
07 72 38 13-0865	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,854.88	144.08
07 72 38 13-0866	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,975.09	144.08
07 72 38 13-0867	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,095.30	144.08
07 72 38 13-0868	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,213.72	144.08
07 72 38 13-0869	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,333.93	144.08
07 72 38 13-0870	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,454.14	144.08
07 72 38 13-0871		**Rectangle Copper Roof Dormer Vent** *(07 72 38 13-0001)*		
07 72 38 13-0872	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	889.13	78.04
07 72 38 13-0873	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	962.53	78.04
07 72 38 13-0874	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,035.93	78.04
07 72 38 13-0875	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,109.33	78.04
07 72 38 13-0876	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,182.73	78.04
07 72 38 13-0877	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,256.13	78.04
07 72 38 13-0878	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,329.53	78.04
07 72 38 13-0879	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,402.93	78.04
07 72 38 13-0880	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,476.33	78.04
07 72 38 13-0881	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,549.73	78.04
07 72 38 13-0882	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,623.14	78.04
07 72 38 13-0883	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,696.54	78.04
07 72 38 13-0884	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,276.68	78.04
07 72 38 13-0885	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,350.08	78.04
07 72 38 13-0886	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,423.48	78.04
07 72 38 13-0887	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,496.88	78.04
07 72 38 13-0888	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,570.28	78.04
07 72 38 13-0889	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,643.68	78.04
07 72 38 13-0890	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,717.08	78.04
07 72 38 13-0891	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,790.48	78.04
07 72 38 13-0892	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	1,863.88	78.04
07 72 38 13-0893	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	1,937.28	78.04
07 72 38 13-0894	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,010.68	78.04
07 72 38 13-0895	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,084.08	78.04
07 72 38 13-0896	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,063.22	93.29
07 72 38 13-0897	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,136.62	93.29
07 72 38 13-0898	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,210.02	93.29
07 72 38 13-0899	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,283.42	93.29
07 72 38 13-0900	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,356.82	93.29
07 72 38 13-0901	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,430.22	93.29
07 72 38 13-0902	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,503.62	93.29
07 72 38 13-0903	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,577.02	93.29
07 72 38 13-0904	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,650.43	93.29
07 72 38 13-0905	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,723.83	93.29
07 72 38 13-0906	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,797.23	93.29
07 72 38 13-0907	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,870.63	93.29
07 72 38 13-0908	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,450.77	93.29
07 72 38 13-0909	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,524.17	93.29
07 72 38 13-0910	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,597.57	93.29
07 72 38 13-0911	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,670.97	93.29
07 72 38 13-0912	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,744.37	93.29
07 72 38 13-0913	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,817.77	93.29
07 72 38 13-0914	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,891.17	93.29
07 72 38 13-0915	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,964.57	93.29
07 72 38 13-0916	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,037.97	93.29
07 72 38 13-0917	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,111.37	93.29
07 72 38 13-0918	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,184.77	93.29
07 72 38 13-0919	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,258.18	93.29
07 72 38 13-0920	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,341.68	104.96
07 72 38 13-0921	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,415.08	104.96
07 72 38 13-0922	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,488.48	104.96
07 72 38 13-0923	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,561.88	104.96
07 72 38 13-0924	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,635.28	104.96
07 72 38 13-0925	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,708.68	104.96
07 72 38 13-0926	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,782.08	104.96
07 72 38 13-0927	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,855.48	104.96
07 72 38 13-0928	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,928.88	104.96
07 72 38 13-0929	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,002.28	104.96
07 72 38 13-0930	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,075.68	104.96
07 72 38 13-0931	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,149.08	104.96
07 72 38 13-0932	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,729.22	104.96
07 72 38 13-0933	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,802.62	104.96
07 72 38 13-0934	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,876.03	104.96
07 72 38 13-0935	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,949.43	104.96
07 72 38 13-0936	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,022.83	104.96
07 72 38 13-0937	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,096.23	104.96
07 72 38 13-0938	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,169.63	104.96
07 72 38 13-0939	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,243.03	104.96
07 72 38 13-0940	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,316.43	104.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0941	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,389.83	104.96
07 72 38 13-0942	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,463.23	104.96
07 72 38 13-0943	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,536.63	104.96
07 72 38 13-0944	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,939.90	119.32
07 72 38 13-0945	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,013.30	119.32
07 72 38 13-0946	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,086.70	119.32
07 72 38 13-0947	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,160.11	119.32
07 72 38 13-0948	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,233.51	119.32
07 72 38 13-0949	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,306.91	119.32
07 72 38 13-0950	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,380.31	119.32
07 72 38 13-0951	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,453.71	119.32
07 72 38 13-0952	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,527.11	119.32
07 72 38 13-0953	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,600.51	119.32
07 72 38 13-0954	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,673.91	119.32
07 72 38 13-0955	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,747.31	119.32
07 72 38 13-0956	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,327.45	119.32
07 72 38 13-0957	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,400.85	119.32
07 72 38 13-0958	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,474.25	119.32
07 72 38 13-0959	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,547.65	119.32
07 72 38 13-0960	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,621.05	119.32
07 72 38 13-0961	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,694.45	119.32
07 72 38 13-0962	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,767.85	119.32
07 72 38 13-0963	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,841.26	119.32
07 72 38 13-0964	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,914.66	119.32
07 72 38 13-0965	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,988.06	119.32
07 72 38 13-0966	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,061.46	119.32
07 72 38 13-0967	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,134.86	119.32
07 72 38 13-0968	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,564.22	132.77
07 72 38 13-0969	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,637.62	132.77
07 72 38 13-0970	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,711.02	132.77
07 72 38 13-0971	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,784.42	132.77
07 72 38 13-0972	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,857.82	132.77
07 72 38 13-0973	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,931.22	132.77
07 72 38 13-0974	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,004.63	132.77
07 72 38 13-0975	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,078.03	132.77
07 72 38 13-0976	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,151.43	132.77
07 72 38 13-0977	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,224.83	132.77
07 72 38 13-0978	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,298.23	132.77
07 72 38 13-0979	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,371.63	132.77
07 72 38 13-0980	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,951.77	132.77
07 72 38 13-0981	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	3,025.17	132.77
07 72 38 13-0982	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	3,098.57	132.77
07 72 38 13-0983	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,171.97	132.77
07 72 38 13-0984	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,245.37	132.77
07 72 38 13-0985	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,318.77	132.77
07 72 38 13-0986	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,392.17	132.77
07 72 38 13-0987	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,465.57	132.77
07 72 38 13-0988	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,538.97	132.77
07 72 38 13-0989	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,612.37	132.77
07 72 38 13-0990	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,685.78	132.77
07 72 38 13-0991	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,759.18	132.77
07 72 38 13-0992	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	3,277.95	132.77
07 72 38 13-0993	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	3,369.02	144.43
07 72 38 13-0994	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	3,442.43	144.43
07 72 38 13-0995	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	3,515.83	144.43
07 72 38 13-0996	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	3,589.23	144.43
07 72 38 13-0997	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	3,662.63	144.43
07 72 38 13-0998	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,736.03	144.43
07 72 38 13-0999	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,809.43	144.43
07 72 38 13-1000	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,882.83	144.43
07 72 38 13-1001	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,956.23	144.43
07 72 38 13-1002	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	4,029.63	144.43
07 72 38 13-1003	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	4,103.03	144.43
07 72 38 13-1004	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	3,683.17	144.43
07 72 38 13-1005	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	3,756.57	144.43
07 72 38 13-1006	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	3,829.97	144.43
07 72 38 13-1007	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,903.37	144.43
07 72 38 13-1008	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,976.77	144.43
07 72 38 13-1009	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	4,050.17	144.43
07 72 38 13-1010	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	4,123.58	144.43
07 72 38 13-1011	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	4,196.98	144.43
07 72 38 13-1012	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	4,270.38	144.43
07 72 38 13-1013	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	4,343.78	144.43
07 72 38 13-1014	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	4,417.18	144.43
07 72 38 13-1015	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	4,490.58	144.43

07 72 38 13-1016 Tombstone Copper Roof Dormer Vent *(07 72 38 13-0001)*

07 72 38 13-1017	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	934.36	78.04
07 72 38 13-1018	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,054.57	78.04
07 72 38 13-1019	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,190.93	78.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1020	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,293.20	78.04
07 72 38 13-1021	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,415.21	78.04
07 72 38 13-1022	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,533.62	78.04
07 72 38 13-1023	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,653.83	78.04
07 72 38 13-1024	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,774.05	78.04
07 72 38 13-1025	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,894.26	78.04
07 72 38 13-1026	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,012.67	78.04
07 72 38 13-1027	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,132.89	78.04
07 72 38 13-1028	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,253.10	78.04
07 72 38 13-1029	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,321.91	78.04
07 72 38 13-1030	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,442.12	78.04
07 72 38 13-1031	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,578.48	78.04
07 72 38 13-1032	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,680.75	78.04
07 72 38 13-1033	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,802.75	78.04
07 72 38 13-1034	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,921.17	78.04
07 72 38 13-1035	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,041.38	78.04
07 72 38 13-1036	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,161.59	78.04
07 72 38 13-1037	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,281.80	78.04
07 72 38 13-1038	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,400.22	78.04
07 72 38 13-1039	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,520.43	78.04
07 72 38 13-1040	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,640.64	78.04
07 72 38 13-1041	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,082.54	93.29
07 72 38 13-1042	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,202.75	93.29
07 72 38 13-1043	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,339.11	93.29
07 72 38 13-1044	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,441.38	93.29
07 72 38 13-1045	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,563.39	93.29
07 72 38 13-1046	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,681.81	93.29
07 72 38 13-1047	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,802.02	93.29
07 72 38 13-1048	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,922.23	93.29
07 72 38 13-1049	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,042.44	93.29
07 72 38 13-1050	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,160.86	93.29
07 72 38 13-1051	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,281.07	93.29
07 72 38 13-1052	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,401.28	93.29
07 72 38 13-1053	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,470.09	93.29
07 72 38 13-1054	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,590.30	93.29
07 72 38 13-1055	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,726.66	93.29
07 72 38 13-1056	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,828.93	93.29
07 72 38 13-1057	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,950.94	93.29
07 72 38 13-1058	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,069.35	93.29
07 72 38 13-1059	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,189.56	93.29
07 72 38 13-1060	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,309.78	93.29
07 72 38 13-1061	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,429.99	93.29
07 72 38 13-1062	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,548.40	93.29
07 72 38 13-1063	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,668.62	93.29
07 72 38 13-1064	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,788.83	93.29
07 72 38 13-1065	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,316.24	104.96
07 72 38 13-1066	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,436.45	104.96
07 72 38 13-1067	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,572.81	104.96
07 72 38 13-1068	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,675.08	104.96
07 72 38 13-1069	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,797.08	104.96
07 72 38 13-1070	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,915.50	104.96
07 72 38 13-1071	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,035.71	104.96
07 72 38 13-1072	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,155.92	104.96
07 72 38 13-1073	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,276.13	104.96
07 72 38 13-1074	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,394.55	104.96
07 72 38 13-1075	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,514.76	104.96
07 72 38 13-1076	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,634.97	104.96
07 72 38 13-1077	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,703.78	104.96
07 72 38 13-1078	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,823.99	104.96
07 72 38 13-1079	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,960.35	104.96
07 72 38 13-1080	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,062.62	104.96
07 72 38 13-1081	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,184.63	104.96
07 72 38 13-1082	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,303.05	104.96
07 72 38 13-1083	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,423.26	104.96
07 72 38 13-1084	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,543.47	104.96
07 72 38 13-1085	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,663.68	104.96
07 72 38 13-1086	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,782.10	104.96
07 72 38 13-1087	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,902.31	104.96
07 72 38 13-1088	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,022.52	104.96
07 72 38 13-1089	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,815.49	119.32
07 72 38 13-1090	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,935.70	119.32
07 72 38 13-1091	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,072.06	119.32
07 72 38 13-1092	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,174.33	119.32
07 72 38 13-1093	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,296.34	119.32
07 72 38 13-1094	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,414.76	119.32
07 72 38 13-1095	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,534.97	119.32
07 72 38 13-1096	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,655.18	119.32
07 72 38 13-1097	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,775.39	119.32
07 72 38 13-1098	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,893.81	119.32
07 72 38 13-1099	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,014.02	119.32
07 72 38 13-1100	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,134.23	119.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1101	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,203.04	119.32
07 72 38 13-1102	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,323.25	119.32
07 72 38 13-1103	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,459.61	119.32
07 72 38 13-1104	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,561.88	119.32
07 72 38 13-1105	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,683.89	119.32
07 72 38 13-1106	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,802.30	119.32
07 72 38 13-1107	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,922.52	119.32
07 72 38 13-1108	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,042.73	119.32
07 72 38 13-1109	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,162.94	119.32
07 72 38 13-1110	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,281.36	119.32
07 72 38 13-1111	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,401.57	119.32
07 72 38 13-1112	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,521.78	119.32
07 72 38 13-1113	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,336.14	132.77
07 72 38 13-1114	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,456.35	132.77
07 72 38 13-1115	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,592.71	132.77
07 72 38 13-1116	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,694.98	132.77
07 72 38 13-1117	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,816.99	132.77
07 72 38 13-1118	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,935.41	132.77
07 72 38 13-1119	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,055.62	132.77
07 72 38 13-1120	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,175.83	132.77
07 72 38 13-1121	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,296.04	132.77
07 72 38 13-1122	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,414.46	132.77
07 72 38 13-1123	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,534.67	132.77
07 72 38 13-1124	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,654.88	132.77
07 72 38 13-1125	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,723.69	132.77
07 72 38 13-1126	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,843.90	132.77
07 72 38 13-1127	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,980.26	132.77
07 72 38 13-1128	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,082.53	132.77
07 72 38 13-1129	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,204.54	132.77
07 72 38 13-1130	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,322.95	132.77
07 72 38 13-1131	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,443.16	132.77
07 72 38 13-1132	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,563.38	132.77
07 72 38 13-1133	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,683.59	132.77
07 72 38 13-1134	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,802.00	132.77
07 72 38 13-1135	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,922.22	132.77
07 72 38 13-1136	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	4,042.43	132.77
07 72 38 13-1137	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,927.37	132.77
07 72 38 13-1138	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	3,065.25	144.43
07 72 38 13-1139	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	3,201.61	144.43
07 72 38 13-1140	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	3,303.88	144.43
07 72 38 13-1141	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	3,425.88	144.43
07 72 38 13-1142	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	3,544.30	144.43
07 72 38 13-1143	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,664.51	144.43
07 72 38 13-1144	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,784.72	144.43
07 72 38 13-1145	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,904.93	144.43
07 72 38 13-1146	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	4,023.35	144.43
07 72 38 13-1147	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	4,143.56	144.43
07 72 38 13-1148	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	4,263.77	144.43
07 72 38 13-1149	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	3,332.58	144.43
07 72 38 13-1150	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	3,452.80	144.43
07 72 38 13-1151	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	3,589.16	144.43
07 72 38 13-1152	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,691.42	144.43
07 72 38 13-1153	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,813.43	144.43
07 72 38 13-1154	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,931.85	144.43
07 72 38 13-1155	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	4,052.06	144.43
07 72 38 13-1156	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	4,172.27	144.43
07 72 38 13-1157	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	4,292.48	144.43
07 72 38 13-1158	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	4,410.90	144.43
07 72 38 13-1159	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	4,531.11	144.43
07 72 38 13-1160	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	4,651.32	144.43

07 72 38 13-1161 Arched Top Copper Roof Dormer Vent *(07 72 38 13-0001)*

07 72 38 13-1162	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	929.35	78.04
07 72 38 13-1163	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,039.45	78.04
07 72 38 13-1164	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,149.54	78.04
07 72 38 13-1165	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,259.63	78.04
07 72 38 13-1166	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,369.72	78.04
07 72 38 13-1167	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,479.81	78.04
07 72 38 13-1168	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,589.91	78.04
07 72 38 13-1169	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,700.00	78.04
07 72 38 13-1170	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,810.09	78.04
07 72 38 13-1171	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,920.18	78.04
07 72 38 13-1172	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,030.28	78.04
07 72 38 13-1173	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,140.37	78.04
07 72 38 13-1174	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,316.90	78.04
07 72 38 13-1175	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,426.99	78.04
07 72 38 13-1176	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,537.09	78.04
07 72 38 13-1177	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,647.18	78.04
07 72 38 13-1178	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,757.27	78.04
07 72 38 13-1179	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,867.36	78.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1180	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,977.45	78.04
07 72 38 13-1181	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,087.55	78.04
07 72 38 13-1182	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,197.64	78.04
07 72 38 13-1183	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,307.73	78.04
07 72 38 13-1184	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,417.82	78.04
07 72 38 13-1185	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,527.91	78.04
07 72 38 13-1186	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,094.21	93.29
07 72 38 13-1187	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,204.30	93.29
07 72 38 13-1188	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,314.39	93.29
07 72 38 13-1189	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,424.48	93.29
07 72 38 13-1190	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,534.57	93.29
07 72 38 13-1191	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,644.67	93.29
07 72 38 13-1192	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,754.76	93.29
07 72 38 13-1193	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,864.85	93.29
07 72 38 13-1194	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,974.94	93.29
07 72 38 13-1195	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,085.03	93.29
07 72 38 13-1196	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,195.13	93.29
07 72 38 13-1197	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,305.22	93.29
07 72 38 13-1198	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,481.75	93.29
07 72 38 13-1199	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,591.85	93.29
07 72 38 13-1200	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,701.94	93.29
07 72 38 13-1201	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,812.03	93.29
07 72 38 13-1202	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,922.12	93.29
07 72 38 13-1203	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,032.21	93.29
07 72 38 13-1204	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,142.31	93.29
07 72 38 13-1205	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,252.40	93.29
07 72 38 13-1206	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,362.49	93.29
07 72 38 13-1207	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,472.58	93.29
07 72 38 13-1208	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,582.67	93.29
07 72 38 13-1209	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,692.77	93.29
07 72 38 13-1210	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,285.99	104.96
07 72 38 13-1211	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,396.08	104.96
07 72 38 13-1212	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,506.17	104.96
07 72 38 13-1213	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,616.26	104.96
07 72 38 13-1214	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,726.35	104.96
07 72 38 13-1215	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,836.45	104.96
07 72 38 13-1216	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,946.54	104.96
07 72 38 13-1217	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,056.63	104.96
07 72 38 13-1218	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,166.72	104.96
07 72 38 13-1219	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,276.81	104.96
07 72 38 13-1220	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,386.91	104.96
07 72 38 13-1221	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,497.00	104.96
07 72 38 13-1222	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,673.53	104.96
07 72 38 13-1223	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,783.62	104.96
07 72 38 13-1224	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,893.72	104.96
07 72 38 13-1225	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,003.81	104.96
07 72 38 13-1226	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,113.90	104.96
07 72 38 13-1227	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,223.99	104.96
07 72 38 13-1228	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,334.08	104.96
07 72 38 13-1229	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,444.18	104.96
07 72 38 13-1230	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,554.27	104.96
07 72 38 13-1231	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,664.36	104.96
07 72 38 13-1232	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,774.45	104.96
07 72 38 13-1233	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,884.55	104.96
07 72 38 13-1234	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,720.83	119.32
07 72 38 13-1235	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,830.92	119.32
07 72 38 13-1236	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,941.02	119.32
07 72 38 13-1237	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,051.11	119.32
07 72 38 13-1238	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,161.20	119.32
07 72 38 13-1239	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,271.29	119.32
07 72 38 13-1240	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,381.38	119.32
07 72 38 13-1241	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,491.48	119.32
07 72 38 13-1242	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,601.57	119.32
07 72 38 13-1243	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,711.66	119.32
07 72 38 13-1244	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,821.75	119.32
07 72 38 13-1245	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,931.84	119.32
07 72 38 13-1246	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,108.38	119.32
07 72 38 13-1247	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,218.47	119.32
07 72 38 13-1248	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,328.56	119.32
07 72 38 13-1249	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,438.66	119.32
07 72 38 13-1250	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,548.75	119.32
07 72 38 13-1251	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,658.84	119.32
07 72 38 13-1252	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,768.93	119.32
07 72 38 13-1253	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,879.02	119.32
07 72 38 13-1254	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,989.12	119.32
07 72 38 13-1255	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,099.21	119.32
07 72 38 13-1256	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,209.30	119.32
07 72 38 13-1257	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,319.39	119.32
07 72 38 13-1258	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,308.06	132.77
07 72 38 13-1259	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,418.16	132.77
07 72 38 13-1260	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,528.25	132.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1261	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,638.34	132.77
07 72 38 13-1262	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,748.43	132.77
07 72 38 13-1263	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,858.52	132.77
07 72 38 13-1264	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,968.62	132.77
07 72 38 13-1265	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,078.71	132.77
07 72 38 13-1266	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,188.80	132.77
07 72 38 13-1267	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,298.89	132.77
07 72 38 13-1268	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,408.98	132.77
07 72 38 13-1269	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,519.08	132.77
07 72 38 13-1270	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,695.61	132.77
07 72 38 13-1271	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,805.70	132.77
07 72 38 13-1272	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,915.79	132.77
07 72 38 13-1273	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,025.89	132.77
07 72 38 13-1274	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,135.98	132.77
07 72 38 13-1275	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,246.07	132.77
07 72 38 13-1276	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,356.16	132.77
07 72 38 13-1277	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,466.26	132.77
07 72 38 13-1278	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,576.35	132.77
07 72 38 13-1279	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,686.44	132.77
07 72 38 13-1280	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,796.53	132.77
07 72 38 13-1281	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,906.62	132.77
07 72 38 13-1282	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,955.97	132.77
07 72 38 13-1283	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	3,083.73	144.43
07 72 38 13-1284	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	3,193.82	144.43
07 72 38 13-1285	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	3,303.91	144.43
07 72 38 13-1286	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	3,414.01	144.43
07 72 38 13-1287	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	3,524.10	144.43
07 72 38 13-1288	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,634.19	144.43
07 72 38 13-1289	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,744.28	144.43
07 72 38 13-1290	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,854.37	144.43
07 72 38 13-1291	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,964.47	144.43
07 72 38 13-1292	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	4,074.56	144.43
07 72 38 13-1293	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	4,184.65	144.43
07 72 38 13-1294	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	3,361.18	144.43
07 72 38 13-1295	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	3,471.28	144.43
07 72 38 13-1296	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	3,581.37	144.43
07 72 38 13-1297	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,691.46	144.43
07 72 38 13-1298	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,801.55	144.43
07 72 38 13-1299	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,911.64	144.43
07 72 38 13-1300	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	4,021.74	144.43
07 72 38 13-1301	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	4,131.83	144.43
07 72 38 13-1302	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	4,241.92	144.43
07 72 38 13-1303	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	4,352.01	144.43
07 72 38 13-1304	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	4,462.11	144.43
07 72 38 13-1305	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	4,572.20	144.43

07 72 38 13-1306 Hipped Roof Copper Roof Dormer Vent *(07 72 38 13-0001)*

07 72 38 13-1307	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	934.36	78.04
07 72 38 13-1308	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,028.14	78.04
07 72 38 13-1309	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,121.93	78.04
07 72 38 13-1310	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,215.71	78.04
07 72 38 13-1311	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,309.49	78.04
07 72 38 13-1312	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,403.27	78.04
07 72 38 13-1313	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,497.06	78.04
07 72 38 13-1314	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,590.84	78.04
07 72 38 13-1315	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,684.62	78.04
07 72 38 13-1316	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,778.41	78.04
07 72 38 13-1317	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,872.19	78.04
07 72 38 13-1318	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,965.97	78.04
07 72 38 13-1319	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,321.91	78.04
07 72 38 13-1320	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,415.69	78.04
07 72 38 13-1321	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,509.47	78.04
07 72 38 13-1322	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,603.26	78.04
07 72 38 13-1323	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,697.04	78.04
07 72 38 13-1324	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,790.82	78.04
07 72 38 13-1325	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,884.60	78.04
07 72 38 13-1326	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,978.39	78.04
07 72 38 13-1327	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,072.17	78.04
07 72 38 13-1328	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,165.95	78.04
07 72 38 13-1329	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,259.74	78.04
07 72 38 13-1330	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,353.52	78.04
07 72 38 13-1331	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,034.37	93.29
07 72 38 13-1332	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,128.15	93.29
07 72 38 13-1333	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,221.93	93.29
07 72 38 13-1334	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,315.72	93.29
07 72 38 13-1335	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,409.50	93.29
07 72 38 13-1336	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,503.28	93.29
07 72 38 13-1337	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,597.07	93.29
07 72 38 13-1338	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,690.85	93.29
07 72 38 13-1339	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,784.63	93.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1340	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,878.41	93.29
07 72 38 13-1341	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,972.20	93.29
07 72 38 13-1342	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,065.98	93.29
07 72 38 13-1343	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,421.92	93.29
07 72 38 13-1344	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,515.70	93.29
07 72 38 13-1345	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,609.48	93.29
07 72 38 13-1346	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,703.26	93.29
07 72 38 13-1347	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,797.05	93.29
07 72 38 13-1348	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,890.83	93.29
07 72 38 13-1349	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,984.61	93.29
07 72 38 13-1350	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,078.40	93.29
07 72 38 13-1351	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,172.18	93.29
07 72 38 13-1352	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,265.96	93.29
07 72 38 13-1353	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,359.74	93.29
07 72 38 13-1354	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,453.53	93.29
07 72 38 13-1355	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,254.53	104.96
07 72 38 13-1356	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,348.32	104.96
07 72 38 13-1357	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,442.10	104.96
07 72 38 13-1358	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,535.88	104.96
07 72 38 13-1359	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,629.66	104.96
07 72 38 13-1360	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,723.45	104.96
07 72 38 13-1361	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,817.23	104.96
07 72 38 13-1362	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,911.01	104.96
07 72 38 13-1363	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,004.80	104.96
07 72 38 13-1364	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,098.58	104.96
07 72 38 13-1365	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,192.36	104.96
07 72 38 13-1366	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,286.14	104.96
07 72 38 13-1367	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,642.08	104.96
07 72 38 13-1368	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,735.86	104.96
07 72 38 13-1369	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,829.65	104.96
07 72 38 13-1370	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,923.43	104.96
07 72 38 13-1371	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,017.21	104.96
07 72 38 13-1372	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,110.99	104.96
07 72 38 13-1373	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,204.78	104.96
07 72 38 13-1374	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,298.56	104.96
07 72 38 13-1375	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,392.34	104.96
07 72 38 13-1376	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,486.13	104.96
07 72 38 13-1377	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,579.91	104.96
07 72 38 13-1378	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,673.69	104.96
07 72 38 13-1379	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,723.90	119.32
07 72 38 13-1380	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,817.68	119.32
07 72 38 13-1381	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,911.47	119.32
07 72 38 13-1382	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,005.25	119.32
07 72 38 13-1383	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,099.03	119.32
07 72 38 13-1384	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,192.81	119.32
07 72 38 13-1385	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,286.60	119.32
07 72 38 13-1386	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,380.38	119.32
07 72 38 13-1387	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,474.16	119.32
07 72 38 13-1388	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,567.95	119.32
07 72 38 13-1389	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,661.73	119.32
07 72 38 13-1390	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,755.51	119.32
07 72 38 13-1391	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,111.45	119.32
07 72 38 13-1392	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,205.23	119.32
07 72 38 13-1393	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,299.01	119.32
07 72 38 13-1394	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,392.80	119.32
07 72 38 13-1395	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,486.58	119.32
07 72 38 13-1396	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,580.36	119.32
07 72 38 13-1397	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,674.14	119.32
07 72 38 13-1398	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,767.93	119.32
07 72 38 13-1399	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,861.71	119.32
07 72 38 13-1400	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,955.49	119.32
07 72 38 13-1401	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,049.28	119.32
07 72 38 13-1402	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,143.06	119.32
07 72 38 13-1403	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,213.22	132.77
07 72 38 13-1404	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,307.00	132.77
07 72 38 13-1405	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,400.79	132.77
07 72 38 13-1406	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,494.57	132.77
07 72 38 13-1407	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,588.35	132.77
07 72 38 13-1408	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,682.14	132.77
07 72 38 13-1409	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,775.92	132.77
07 72 38 13-1410	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,869.70	132.77
07 72 38 13-1411	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,963.48	132.77
07 72 38 13-1412	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,057.27	132.77
07 72 38 13-1413	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,151.05	132.77
07 72 38 13-1414	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,244.83	132.77
07 72 38 13-1415	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,600.77	132.77
07 72 38 13-1416	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,694.55	132.77
07 72 38 13-1417	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,788.33	132.77
07 72 38 13-1418	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,882.12	132.77
07 72 38 13-1419	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,975.90	132.77
07 72 38 13-1420	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,069.68	132.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1421	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,163.47	132.77
07 72 38 13-1422	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,257.25	132.77
07 72 38 13-1423	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,351.03	132.77
07 72 38 13-1424	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,444.81	132.77
07 72 38 13-1425	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,538.60	132.77
07 72 38 13-1426	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,632.38	132.77
07 72 38 13-1427	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,767.41	132.77
07 72 38 13-1428	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,878.87	144.43
07 72 38 13-1429	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,972.65	144.43
07 72 38 13-1430	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	3,066.43	144.43
07 72 38 13-1431	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	3,160.22	144.43
07 72 38 13-1432	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	3,254.00	144.43
07 72 38 13-1433	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,347.78	144.43
07 72 38 13-1434	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,441.56	144.43
07 72 38 13-1435	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,535.35	144.43
07 72 38 13-1436	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,629.13	144.43
07 72 38 13-1437	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,722.91	144.43
07 72 38 13-1438	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,816.70	144.43
07 72 38 13-1439	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	3,172.63	144.43
07 72 38 13-1440	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	3,266.41	144.43
07 72 38 13-1441	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	3,360.20	144.43
07 72 38 13-1442	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,453.98	144.43
07 72 38 13-1443	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,547.76	144.43
07 72 38 13-1444	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,641.55	144.43
07 72 38 13-1445	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,735.33	144.43
07 72 38 13-1446	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,829.11	144.43
07 72 38 13-1447	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,922.89	144.43
07 72 38 13-1448	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	4,016.68	144.43
07 72 38 13-1449	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	4,110.46	144.43
07 72 38 13-1450	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	4,204.24	144.43

07 72 38 13-1451 Gabled Roof Copper Roof Dormer Vent *(07 72 38 13-0001)*

07 72 38 13-1452	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	868.08	78.04
07 72 38 13-1453	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	961.86	78.04
07 72 38 13-1454	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,055.65	78.04
07 72 38 13-1455	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,149.43	78.04
07 72 38 13-1456	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,243.21	78.04
07 72 38 13-1457	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,337.00	78.04
07 72 38 13-1458	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,430.78	78.04
07 72 38 13-1459	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,524.56	78.04
07 72 38 13-1460	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,618.34	78.04
07 72 38 13-1461	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,712.13	78.04
07 72 38 13-1462	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,805.91	78.04
07 72 38 13-1463	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,899.69	78.04
07 72 38 13-1464	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,255.63	78.04
07 72 38 13-1465	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,349.41	78.04
07 72 38 13-1466	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,443.19	78.04
07 72 38 13-1467	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,536.98	78.04
07 72 38 13-1468	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,630.76	78.04
07 72 38 13-1469	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,724.54	78.04
07 72 38 13-1470	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,818.33	78.04
07 72 38 13-1471	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,912.11	78.04
07 72 38 13-1472	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,005.89	78.04
07 72 38 13-1473	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,099.67	78.04
07 72 38 13-1474	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,193.46	78.04
07 72 38 13-1475	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,287.24	78.04
07 72 38 13-1476	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,003.10	93.29
07 72 38 13-1477	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,096.88	93.29
07 72 38 13-1478	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,190.66	93.29
07 72 38 13-1479	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,284.44	93.29
07 72 38 13-1480	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,378.23	93.29
07 72 38 13-1481	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,472.01	93.29
07 72 38 13-1482	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,565.79	93.29
07 72 38 13-1483	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,659.58	93.29
07 72 38 13-1484	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,753.36	93.29
07 72 38 13-1485	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,847.14	93.29
07 72 38 13-1486	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,940.92	93.29
07 72 38 13-1487	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,034.71	93.29
07 72 38 13-1488	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,390.64	93.29
07 72 38 13-1489	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,484.43	93.29
07 72 38 13-1490	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,578.21	93.29
07 72 38 13-1491	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,671.99	93.29
07 72 38 13-1492	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,765.77	93.29
07 72 38 13-1493	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,859.56	93.29
07 72 38 13-1494	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,953.34	93.29
07 72 38 13-1495	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,047.12	93.29
07 72 38 13-1496	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,140.91	93.29
07 72 38 13-1497	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,234.69	93.29
07 72 38 13-1498	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,328.47	93.29
07 72 38 13-1499	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,422.25	93.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1500	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,214.06	104.96
07 72 38 13-1501	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,307.84	104.96
07 72 38 13-1502	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,401.62	104.96
07 72 38 13-1503	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,495.40	104.96
07 72 38 13-1504	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,589.19	104.96
07 72 38 13-1505	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,682.97	104.96
07 72 38 13-1506	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,776.75	104.96
07 72 38 13-1507	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,870.54	104.96
07 72 38 13-1508	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,964.32	104.96
07 72 38 13-1509	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,058.10	104.96
07 72 38 13-1510	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,151.88	104.96
07 72 38 13-1511	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,245.67	104.96
07 72 38 13-1512	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,601.60	104.96
07 72 38 13-1513	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,695.39	104.96
07 72 38 13-1514	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,789.17	104.96
07 72 38 13-1515	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,882.95	104.96
07 72 38 13-1516	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,976.73	104.96
07 72 38 13-1517	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,070.52	104.96
07 72 38 13-1518	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,164.30	104.96
07 72 38 13-1519	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,258.08	104.96
07 72 38 13-1520	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,351.87	104.96
07 72 38 13-1521	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,445.65	104.96
07 72 38 13-1522	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,539.43	104.96
07 72 38 13-1523	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,633.21	104.96
07 72 38 13-1524	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,663.08	119.32
07 72 38 13-1525	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,756.86	119.32
07 72 38 13-1526	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,850.64	119.32
07 72 38 13-1527	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,944.42	119.32
07 72 38 13-1528	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,038.21	119.32
07 72 38 13-1529	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,131.99	119.32
07 72 38 13-1530	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,225.77	119.32
07 72 38 13-1531	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,319.56	119.32
07 72 38 13-1532	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,413.34	119.32
07 72 38 13-1533	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,507.12	119.32
07 72 38 13-1534	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,600.90	119.32
07 72 38 13-1535	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,694.69	119.32
07 72 38 13-1536	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,050.62	119.32
07 72 38 13-1537	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,144.41	119.32
07 72 38 13-1538	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,238.19	119.32
07 72 38 13-1539	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,331.97	119.32
07 72 38 13-1540	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,425.75	119.32
07 72 38 13-1541	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,519.54	119.32
07 72 38 13-1542	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,613.32	119.32
07 72 38 13-1543	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,707.10	119.32
07 72 38 13-1544	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,800.89	119.32
07 72 38 13-1545	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,894.67	119.32
07 72 38 13-1546	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,988.45	119.32
07 72 38 13-1547	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,082.23	119.32
07 72 38 13-1548	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,131.08	132.77
07 72 38 13-1549	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,224.87	132.77
07 72 38 13-1550	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,318.65	132.77
07 72 38 13-1551	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,412.43	132.77
07 72 38 13-1552	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,506.21	132.77
07 72 38 13-1553	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,600.00	132.77
07 72 38 13-1554	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,693.78	132.77
07 72 38 13-1555	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,787.56	132.77
07 72 38 13-1556	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,881.35	132.77
07 72 38 13-1557	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,975.13	132.77
07 72 38 13-1558	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,068.91	132.77
07 72 38 13-1559	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,162.69	132.77
07 72 38 13-1560	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,518.63	132.77
07 72 38 13-1561	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,612.41	132.77
07 72 38 13-1562	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,706.20	132.77
07 72 38 13-1563	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,799.98	132.77
07 72 38 13-1564	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,893.76	132.77
07 72 38 13-1565	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,987.54	132.77
07 72 38 13-1566	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,081.33	132.77
07 72 38 13-1567	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,175.11	132.77
07 72 38 13-1568	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,268.89	132.77
07 72 38 13-1569	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,362.68	132.77
07 72 38 13-1570	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,456.46	132.77
07 72 38 13-1571	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,550.24	132.77
07 72 38 13-1572	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,660.09	132.77
07 72 38 13-1573	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,771.54	144.43
07 72 38 13-1574	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,865.32	144.43
07 72 38 13-1575	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,959.10	144.43
07 72 38 13-1576	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	3,052.89	144.43
07 72 38 13-1577	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	3,146.67	144.43
07 72 38 13-1578	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,240.45	144.43
07 72 38 13-1579	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,334.24	144.43
07 72 38 13-1580	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,428.02	144.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1581	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,521.80	144.43
07 72 38 13-1582	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,615.58	144.43
07 72 38 13-1583	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,709.37	144.43
07 72 38 13-1584	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	3,065.30	144.43
07 72 38 13-1585	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	3,159.09	144.43
07 72 38 13-1586	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	3,252.87	144.43
07 72 38 13-1587	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,346.65	144.43
07 72 38 13-1588	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,440.43	144.43
07 72 38 13-1589	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,534.22	144.43
07 72 38 13-1590	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,628.00	144.43
07 72 38 13-1591	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,721.78	144.43
07 72 38 13-1592	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,815.57	144.43
07 72 38 13-1593	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,909.35	144.43
07 72 38 13-1594	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	4,003.13	144.43
07 72 38 13-1595	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	4,096.91	144.43

07 72 38 13-1596 Pedimented Copper Roof Dormer Vent *(07 72 38 13-0001)*

07 72 38 13-1597	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,112.45	78.04
07 72 38 13-1598	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,206.23	78.04
07 72 38 13-1599	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,300.02	78.04
07 72 38 13-1600	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,393.80	78.04
07 72 38 13-1601	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,487.58	78.04
07 72 38 13-1602	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,581.37	78.04
07 72 38 13-1603	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,675.15	78.04
07 72 38 13-1604	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,768.93	78.04
07 72 38 13-1605	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,862.71	78.04
07 72 38 13-1606	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,956.50	78.04
07 72 38 13-1607	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,050.28	78.04
07 72 38 13-1608	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,144.06	78.04
07 72 38 13-1609	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,500.00	78.04
07 72 38 13-1610	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,593.78	78.04
07 72 38 13-1611	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,687.57	78.04
07 72 38 13-1612	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,781.35	78.04
07 72 38 13-1613	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,875.13	78.04
07 72 38 13-1614	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,968.91	78.04
07 72 38 13-1615	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,062.70	78.04
07 72 38 13-1616	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,156.48	78.04
07 72 38 13-1617	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,250.26	78.04
07 72 38 13-1618	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,344.04	78.04
07 72 38 13-1619	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,437.83	78.04
07 72 38 13-1620	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,531.61	78.04
07 72 38 13-1621	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,330.95	93.29
07 72 38 13-1622	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,424.73	93.29
07 72 38 13-1623	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,518.52	93.29
07 72 38 13-1624	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,612.30	93.29
07 72 38 13-1625	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,706.08	93.29
07 72 38 13-1626	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,799.86	93.29
07 72 38 13-1627	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,893.65	93.29
07 72 38 13-1628	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,987.43	93.29
07 72 38 13-1629	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,081.21	93.29
07 72 38 13-1630	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,175.00	93.29
07 72 38 13-1631	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,268.78	93.29
07 72 38 13-1632	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,362.56	93.29
07 72 38 13-1633	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,718.50	93.29
07 72 38 13-1634	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,812.28	93.29
07 72 38 13-1635	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,906.06	93.29
07 72 38 13-1636	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,999.85	93.29
07 72 38 13-1637	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,093.63	93.29
07 72 38 13-1638	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,187.41	93.29
07 72 38 13-1639	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,281.19	93.29
07 72 38 13-1640	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,374.98	93.29
07 72 38 13-1641	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,468.76	93.29
07 72 38 13-1642	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,562.54	93.29
07 72 38 13-1643	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,656.33	93.29
07 72 38 13-1644	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,750.11	93.29
07 72 38 13-1645	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,686.11	104.96
07 72 38 13-1646	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,779.89	104.96
07 72 38 13-1647	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,873.68	104.96
07 72 38 13-1648	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,967.46	104.96
07 72 38 13-1649	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,061.24	104.96
07 72 38 13-1650	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,155.02	104.96
07 72 38 13-1651	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,248.81	104.96
07 72 38 13-1652	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,342.59	104.96
07 72 38 13-1653	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,436.37	104.96
07 72 38 13-1654	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,530.15	104.96
07 72 38 13-1655	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,623.94	104.96
07 72 38 13-1656	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,717.72	104.96
07 72 38 13-1657	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,073.66	104.96
07 72 38 13-1658	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,167.44	104.96
07 72 38 13-1659	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,261.22	104.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1660	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,355.01	104.96
07 72 38 13-1661	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,448.79	104.96
07 72 38 13-1662	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,542.57	104.96
07 72 38 13-1663	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,636.35	104.96
07 72 38 13-1664	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,730.14	104.96
07 72 38 13-1665	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,823.92	104.96
07 72 38 13-1666	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,917.70	104.96
07 72 38 13-1667	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,011.49	104.96
07 72 38 13-1668	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,105.27	104.96
07 72 38 13-1669	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,453.89	119.32
07 72 38 13-1670	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,547.67	119.32
07 72 38 13-1671	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,641.45	119.32
07 72 38 13-1672	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,735.24	119.32
07 72 38 13-1673	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,829.02	119.32
07 72 38 13-1674	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,922.80	119.32
07 72 38 13-1675	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,016.58	119.32
07 72 38 13-1676	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,110.37	119.32
07 72 38 13-1677	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,204.15	119.32
07 72 38 13-1678	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,297.93	119.32
07 72 38 13-1679	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,391.72	119.32
07 72 38 13-1680	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,485.50	119.32
07 72 38 13-1681	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,841.44	119.32
07 72 38 13-1682	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,935.22	119.32
07 72 38 13-1683	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	3,029.00	119.32
07 72 38 13-1684	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,122.78	119.32
07 72 38 13-1685	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,216.57	119.32
07 72 38 13-1686	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,310.35	119.32
07 72 38 13-1687	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,404.13	119.32
07 72 38 13-1688	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,497.91	119.32
07 72 38 13-1689	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,591.70	119.32
07 72 38 13-1690	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,685.48	119.32
07 72 38 13-1691	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,779.26	119.32
07 72 38 13-1692	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,873.05	119.32
07 72 38 13-1693	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	3,255.83	132.77
07 72 38 13-1694	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	3,349.61	132.77
07 72 38 13-1695	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	3,443.40	132.77
07 72 38 13-1696	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	3,537.18	132.77
07 72 38 13-1697	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	3,630.96	132.77
07 72 38 13-1698	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	3,724.75	132.77
07 72 38 13-1699	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,818.53	132.77
07 72 38 13-1700	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,912.31	132.77
07 72 38 13-1701	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	4,006.09	132.77
07 72 38 13-1702	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	4,099.88	132.77
07 72 38 13-1703	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	4,193.66	132.77
07 72 38 13-1704	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	4,287.44	132.77
07 72 38 13-1705	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	3,643.38	132.77
07 72 38 13-1706	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	3,737.16	132.77
07 72 38 13-1707	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	3,830.94	132.77
07 72 38 13-1708	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,924.73	132.77
07 72 38 13-1709	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	4,018.51	132.77
07 72 38 13-1710	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	4,112.29	132.77
07 72 38 13-1711	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	4,206.08	132.77
07 72 38 13-1712	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	4,299.86	132.77
07 72 38 13-1713	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	4,393.64	132.77
07 72 38 13-1714	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	4,487.42	132.77
07 72 38 13-1715	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	4,581.21	132.77
07 72 38 13-1716	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	4,674.99	132.77
07 72 38 13-1717	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	4,179.49	132.77
07 72 38 13-1718	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	4,290.94	144.43
07 72 38 13-1719	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	4,384.72	144.43
07 72 38 13-1720	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	4,478.50	144.43
07 72 38 13-1721	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	4,572.29	144.43
07 72 38 13-1722	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	4,666.07	144.43
07 72 38 13-1723	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	4,759.85	144.43
07 72 38 13-1724	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	4,853.64	144.43
07 72 38 13-1725	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	4,947.42	144.43
07 72 38 13-1726	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	5,041.20	144.43
07 72 38 13-1727	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	5,134.98	144.43
07 72 38 13-1728	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	5,228.77	144.43
07 72 38 13-1729	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	4,584.70	144.43
07 72 38 13-1730	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	4,678.49	144.43
07 72 38 13-1731	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	4,772.27	144.43
07 72 38 13-1732	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	4,866.05	144.43
07 72 38 13-1733	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	4,959.83	144.43
07 72 38 13-1734	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	5,053.62	144.43
07 72 38 13-1735	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	5,147.40	144.43
07 72 38 13-1736	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	5,241.18	144.43
07 72 38 13-1737	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	5,334.97	144.43
07 72 38 13-1738	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	5,428.75	144.43
07 72 38 13-1739	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	5,522.53	144.43
07 72 38 13-1740	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	5,616.31	144.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1741		Mantle Clock Copper Roof Dormer Vent *(07 72 38 13-0001)*		
07 72 38 13-1742	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,166.84	119.32
07 72 38 13-1743	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,354.90	119.32
07 72 38 13-1744	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,542.97	119.32
07 72 38 13-1745	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,731.04	119.32
07 72 38 13-1746	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,919.11	119.32
07 72 38 13-1747	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,107.18	119.32
07 72 38 13-1748	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,295.24	119.32
07 72 38 13-1749	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,483.31	119.32
07 72 38 13-1750	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,671.38	119.32
07 72 38 13-1751	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,859.45	119.32
07 72 38 13-1752	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,047.52	119.32
07 72 38 13-1753	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,235.58	119.32
07 72 38 13-1754	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,669.21	119.32
07 72 38 13-1755	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,857.28	119.32
07 72 38 13-1756	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,045.35	119.32
07 72 38 13-1757	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,233.42	119.32
07 72 38 13-1758	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,421.48	119.32
07 72 38 13-1759	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,609.55	119.32
07 72 38 13-1760	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,797.62	119.32
07 72 38 13-1761	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,985.69	119.32
07 72 38 13-1762	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,173.76	119.32
07 72 38 13-1763	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,361.82	119.32
07 72 38 13-1764	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,549.89	119.32
07 72 38 13-1765	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,737.96	119.32
07 72 38 13-1766	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,481.76	132.77
07 72 38 13-1767	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,669.83	132.77
07 72 38 13-1768	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,857.90	132.77
07 72 38 13-1769	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,045.97	132.77
07 72 38 13-1770	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,234.03	132.77
07 72 38 13-1771	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,422.10	132.77
07 72 38 13-1772	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,610.17	132.77
07 72 38 13-1773	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,798.24	132.77
07 72 38 13-1774	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,986.31	132.77
07 72 38 13-1775	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,174.37	132.77
07 72 38 13-1776	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,362.44	132.77
07 72 38 13-1777	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,550.51	132.77
07 72 38 13-1778	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,984.14	132.77
07 72 38 13-1779	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,172.21	132.77
07 72 38 13-1780	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,360.27	132.77
07 72 38 13-1781	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,548.34	132.77
07 72 38 13-1782	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,736.41	132.77
07 72 38 13-1783	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,924.48	132.77
07 72 38 13-1784	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,112.55	132.77
07 72 38 13-1785	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,300.61	132.77
07 72 38 13-1786	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,488.68	132.77
07 72 38 13-1787	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,676.75	132.77
07 72 38 13-1788	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,864.82	132.77
07 72 38 13-1789	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	4,052.89	132.77
07 72 38 13-1790	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,957.13	132.77
07 72 38 13-1791	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	3,162.87	144.43
07 72 38 13-1792	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	3,350.94	144.43
07 72 38 13-1793	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	3,539.01	144.43
07 72 38 13-1794	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	3,727.08	144.43
07 72 38 13-1795	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	3,915.14	144.43
07 72 38 13-1796	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	4,103.21	144.43
07 72 38 13-1797	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	4,291.28	144.43
07 72 38 13-1798	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	4,479.35	144.43
07 72 38 13-1799	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	4,667.42	144.43
07 72 38 13-1800	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	4,855.48	144.43
07 72 38 13-1801	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	5,043.55	144.43
07 72 38 13-1802	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	3,477.18	144.43
07 72 38 13-1803	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	3,665.25	144.43
07 72 38 13-1804	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	3,853.32	144.43
07 72 38 13-1805	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	4,041.38	144.43
07 72 38 13-1806	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	4,229.45	144.43
07 72 38 13-1807	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	4,417.52	144.43
07 72 38 13-1808	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	4,605.59	144.43
07 72 38 13-1809	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	4,793.66	144.43
07 72 38 13-1810	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	4,981.72	144.43
07 72 38 13-1811	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	5,169.79	144.43
07 72 38 13-1812	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	5,357.86	144.43
07 72 38 13-1813	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	5,545.93	144.43
07 72 38 13-1814		Aluminum Roof Dormer Vent *(07 72 38 13)*		

Note: Includes insect screen on the inside of the louvers, 0.032 Kynar finish Aluminum and fabricated with sturdy wooden framing.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1815		**Half Round Aluminum Roof Dormer Vent** *(07 72 38 13-1814)*		
07 72 38 13-1816	EA	18" Half Round Aluminum Dormer Vents, 16/12 Slope	568.86	78.04
07 72 38 13-1817	EA	18" Half Round Aluminum Dormer Vents, 15/12 Slope	783.97	78.04
07 72 38 13-1818	EA	18" Half Round Aluminum Dormer Vents, 14/12 Slope	1,027.97	78.04
07 72 38 13-1819	EA	18" Half Round Aluminum Dormer Vents, 13/12 Slope	1,210.98	78.04
07 72 38 13-1820	EA	18" Half Round Aluminum Dormer Vents, 12/12 Slope	1,429.30	78.04
07 72 38 13-1821	EA	18" Half Round Aluminum Dormer Vents, 11/12 Slope	1,641.20	78.04
07 72 38 13-1822	EA	18" Half Round Aluminum Dormer Vents, 10/12 Slope	1,856.31	78.04
07 72 38 13-1823	EA	18" Half Round Aluminum Dormer Vents, 9/12 Slope	2,071.42	78.04
07 72 38 13-1824	EA	18" Half Round Aluminum Dormer Vents, 8/12 Slope	2,286.53	78.04
07 72 38 13-1825	EA	18" Half Round Aluminum Dormer Vents, 7/12 Slope	2,498.43	78.04
07 72 38 13-1826	EA	18" Half Round Aluminum Dormer Vents, 6/12 Slope	2,713.54	78.04
07 72 38 13-1827	EA	18" Half Round Aluminum Dormer Vents, 5/12 Slope	2,928.65	78.04
07 72 38 13-1828	EA	24" Half Round Aluminum Dormer Vents, 16/12 Slope	671.49	93.29
07 72 38 13-1829	EA	24" Half Round Aluminum Dormer Vents, 15/12 Slope	886.60	93.29
07 72 38 13-1830	EA	24" Half Round Aluminum Dormer Vents, 14/12 Slope	1,130.61	93.29
07 72 38 13-1831	EA	24" Half Round Aluminum Dormer Vents, 13/12 Slope	1,313.61	93.29
07 72 38 13-1832	EA	24" Half Round Aluminum Dormer Vents, 12/12 Slope	1,531.94	93.29
07 72 38 13-1833	EA	24" Half Round Aluminum Dormer Vents, 11/12 Slope	1,743.83	93.29
07 72 38 13-1834	EA	24" Half Round Aluminum Dormer Vents, 10/12 Slope	1,958.94	93.29
07 72 38 13-1835	EA	24" Half Round Aluminum Dormer Vents, 9/12 Slope	2,174.06	93.29
07 72 38 13-1836	EA	24" Half Round Aluminum Dormer Vents, 8/12 Slope	2,389.17	93.29
07 72 38 13-1837	EA	24" Half Round Aluminum Dormer Vents, 7/12 Slope	2,601.06	93.29
07 72 38 13-1838	EA	24" Half Round Aluminum Dormer Vents, 6/12 Slope	2,816.18	93.29
07 72 38 13-1839	EA	24" Half Round Aluminum Dormer Vents, 5/12 Slope	3,031.29	93.29
07 72 38 13-1840	EA	30" Half Round Aluminum Dormer Vents, 16/12 Slope	782.72	104.96
07 72 38 13-1841	EA	30" Half Round Aluminum Dormer Vents, 15/12 Slope	997.83	104.96
07 72 38 13-1842	EA	30" Half Round Aluminum Dormer Vents, 14/12 Slope	1,241.84	104.96
07 72 38 13-1843	EA	30" Half Round Aluminum Dormer Vents, 13/12 Slope	1,424.84	104.96
07 72 38 13-1844	EA	30" Half Round Aluminum Dormer Vents, 12/12 Slope	1,643.16	104.96
07 72 38 13-1845	EA	30" Half Round Aluminum Dormer Vents, 11/12 Slope	1,855.06	104.96
07 72 38 13-1846	EA	30" Half Round Aluminum Dormer Vents, 10/12 Slope	2,070.17	104.96
07 72 38 13-1847	EA	30" Half Round Aluminum Dormer Vents, 9/12 Slope	2,285.28	104.96
07 72 38 13-1848	EA	30" Half Round Aluminum Dormer Vents, 8/12 Slope	2,500.39	104.96
07 72 38 13-1849	EA	30" Half Round Aluminum Dormer Vents, 7/12 Slope	2,712.29	104.96
07 72 38 13-1850	EA	30" Half Round Aluminum Dormer Vents, 6/12 Slope	2,927.40	104.96
07 72 38 13-1851	EA	30" Half Round Aluminum Dormer Vents, 5/12 Slope	3,142.51	104.96
07 72 38 13-1852	EA	36" Half Round Aluminum Dormer Vents, 16/12 Slope	914.53	119.32
07 72 38 13-1853	EA	36" Half Round Aluminum Dormer Vents, 15/12 Slope	1,129.64	119.32
07 72 38 13-1854	EA	36" Half Round Aluminum Dormer Vents, 14/12 Slope	1,373.65	119.32
07 72 38 13-1855	EA	36" Half Round Aluminum Dormer Vents, 13/12 Slope	1,556.65	119.32
07 72 38 13-1856	EA	36" Half Round Aluminum Dormer Vents, 12/12 Slope	1,774.97	119.32
07 72 38 13-1857	EA	36" Half Round Aluminum Dormer Vents, 11/12 Slope	1,986.87	119.32
07 72 38 13-1858	EA	36" Half Round Aluminum Dormer Vents, 10/12 Slope	2,201.98	119.32
07 72 38 13-1859	EA	36" Half Round Aluminum Dormer Vents, 9/12 Slope	2,417.09	119.32
07 72 38 13-1860	EA	36" Half Round Aluminum Dormer Vents, 8/12 Slope	2,632.20	119.32
07 72 38 13-1861	EA	36" Half Round Aluminum Dormer Vents, 7/12 Slope	2,844.10	119.32
07 72 38 13-1862	EA	36" Half Round Aluminum Dormer Vents, 6/12 Slope	3,059.21	119.32
07 72 38 13-1863	EA	36" Half Round Aluminum Dormer Vents, 5/12 Slope	3,274.32	119.32
07 72 38 13-1864	EA	42" Half Round Aluminum Dormer Vents, 16/12 Slope	1,487.69	132.77
07 72 38 13-1865	EA	42" Half Round Aluminum Dormer Vents, 15/12 Slope	1,702.80	132.77
07 72 38 13-1866	EA	42" Half Round Aluminum Dormer Vents, 14/12 Slope	1,946.81	132.77
07 72 38 13-1867	EA	42" Half Round Aluminum Dormer Vents, 13/12 Slope	2,129.81	132.77
07 72 38 13-1868	EA	42" Half Round Aluminum Dormer Vents, 12/12 Slope	2,348.13	132.77
07 72 38 13-1869	EA	42" Half Round Aluminum Dormer Vents, 11/12 Slope	2,560.03	132.77
07 72 38 13-1870	EA	42" Half Round Aluminum Dormer Vents, 10/12 Slope	2,775.14	132.77
07 72 38 13-1871	EA	42" Half Round Aluminum Dormer Vents, 9/12 Slope	2,990.25	132.77
07 72 38 13-1872	EA	42" Half Round Aluminum Dormer Vents, 8/12 Slope	3,205.36	132.77
07 72 38 13-1873	EA	42" Half Round Aluminum Dormer Vents, 7/12 Slope	3,417.26	132.77
07 72 38 13-1874	EA	42" Half Round Aluminum Dormer Vents, 6/12 Slope	3,632.37	132.77
07 72 38 13-1875	EA	42" Half Round Aluminum Dormer Vents, 5/12 Slope	3,847.48	132.77
07 72 38 13-1876	EA	48" Half Round Aluminum Dormer Vents, 16/12 Slope	2,125.51	132.77
07 72 38 13-1877	EA	48" Half Round Aluminum Dormer Vents, 15/12 Slope	2,358.29	144.43
07 72 38 13-1878	EA	48" Half Round Aluminum Dormer Vents, 14/12 Slope	2,602.29	144.43
07 72 38 13-1879	EA	48" Half Round Aluminum Dormer Vents, 13/12 Slope	2,785.30	144.43
07 72 38 13-1880	EA	48" Half Round Aluminum Dormer Vents, 12/12 Slope	3,003.62	144.43
07 72 38 13-1881	EA	48" Half Round Aluminum Dormer Vents, 11/12 Slope	3,215.52	144.43
07 72 38 13-1882	EA	48" Half Round Aluminum Dormer Vents, 10/12 Slope	3,430.63	144.43
07 72 38 13-1883	EA	48" Half Round Aluminum Dormer Vents, 9/12 Slope	3,645.74	144.43
07 72 38 13-1884	EA	48" Half Round Aluminum Dormer Vents, 8/12 Slope	3,860.85	144.43
07 72 38 13-1885	EA	48" Half Round Aluminum Dormer Vents, 7/12 Slope	4,072.75	144.43
07 72 38 13-1886	EA	48" Half Round Aluminum Dormer Vents, 6/12 Slope	4,287.86	144.43
07 72 38 13-1887	EA	48" Half Round Aluminum Dormer Vents, 5/12 Slope	4,502.97	144.43
07 72 38 13-1888		**Triangle Aluminum Roof Dormer Vent** *(07 72 38 13-1814)*		
07 72 38 13-1889	EA	18" x 9" Triangle Aluminum Dormer Vents, 16/12 Slope	1,266.84	78.04
07 72 38 13-1890	EA	18" x 9" Triangle Aluminum Dormer Vents, 15/12 Slope	1,481.95	78.04
07 72 38 13-1891	EA	18" x 9" Triangle Aluminum Dormer Vents, 14/12 Slope	1,725.96	78.04
07 72 38 13-1892	EA	18" x 9" Triangle Aluminum Dormer Vents, 13/12 Slope	1,908.96	78.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1893	EA	18" x 9" Triangle Aluminum Dormer Vents, 12/12 Slope	2,127.28	78.04
07 72 38 13-1894	EA	18" x 9" Triangle Aluminum Dormer Vents, 11/12 Slope	2,339.18	78.04
07 72 38 13-1895	EA	18" x 9" Triangle Aluminum Dormer Vents, 10/12 Slope	2,554.29	78.04
07 72 38 13-1896	EA	18" x 9" Triangle Aluminum Dormer Vents, 9/12 Slope	2,769.40	78.04
07 72 38 13-1897	EA	18" x 9" Triangle Aluminum Dormer Vents, 8/12 Slope	2,984.51	78.04
07 72 38 13-1898	EA	18" x 9" Triangle Aluminum Dormer Vents, 7/12 Slope	3,196.41	78.04
07 72 38 13-1899	EA	18" x 9" Triangle Aluminum Dormer Vents, 6/12 Slope	3,411.52	78.04
07 72 38 13-1900	EA	18" x 9" Triangle Aluminum Dormer Vents, 5/12 Slope	3,626.63	78.04
07 72 38 13-1901	EA	18" x 12" Triangle Aluminum Dormer Vents, 16/12 Slope	1,366.15	78.04
07 72 38 13-1902	EA	18" x 12" Triangle Aluminum Dormer Vents, 15/12 Slope	1,581.26	78.04
07 72 38 13-1903	EA	18" x 12" Triangle Aluminum Dormer Vents, 14/12 Slope	1,825.26	78.04
07 72 38 13-1904	EA	18" x 12" Triangle Aluminum Dormer Vents, 13/12 Slope	2,008.27	78.04
07 72 38 13-1905	EA	18" x 12" Triangle Aluminum Dormer Vents, 12/12 Slope	2,226.59	78.04
07 72 38 13-1906	EA	18" x 12" Triangle Aluminum Dormer Vents, 11/12 Slope	2,438.49	78.04
07 72 38 13-1907	EA	18" x 12" Triangle Aluminum Dormer Vents, 10/12 Slope	2,653.60	78.04
07 72 38 13-1908	EA	18" x 12" Triangle Aluminum Dormer Vents, 9/12 Slope	2,868.71	78.04
07 72 38 13-1909	EA	18" x 12" Triangle Aluminum Dormer Vents, 8/12 Slope	3,083.82	78.04
07 72 38 13-1910	EA	18" x 12" Triangle Aluminum Dormer Vents, 7/12 Slope	3,295.72	78.04
07 72 38 13-1911	EA	18" x 12" Triangle Aluminum Dormer Vents, 6/12 Slope	3,510.83	78.04
07 72 38 13-1912	EA	18" x 12" Triangle Aluminum Dormer Vents, 5/12 Slope	3,725.94	78.04
07 72 38 13-1913	EA	24" x 12" Triangle Aluminum Dormer Vents, 16/12 Slope	1,521.66	93.29
07 72 38 13-1914	EA	24" x 12" Triangle Aluminum Dormer Vents, 15/12 Slope	1,736.77	93.29
07 72 38 13-1915	EA	24" x 12" Triangle Aluminum Dormer Vents, 14/12 Slope	1,980.78	93.29
07 72 38 13-1916	EA	24" x 12" Triangle Aluminum Dormer Vents, 13/12 Slope	2,163.78	93.29
07 72 38 13-1917	EA	24" x 12" Triangle Aluminum Dormer Vents, 12/12 Slope	2,382.10	93.29
07 72 38 13-1918	EA	24" x 12" Triangle Aluminum Dormer Vents, 11/12 Slope	2,594.00	93.29
07 72 38 13-1919	EA	24" x 12" Triangle Aluminum Dormer Vents, 10/12 Slope	2,809.11	93.29
07 72 38 13-1920	EA	24" x 12" Triangle Aluminum Dormer Vents, 9/12 Slope	3,024.22	93.29
07 72 38 13-1921	EA	24" x 12" Triangle Aluminum Dormer Vents, 8/12 Slope	3,239.33	93.29
07 72 38 13-1922	EA	24" x 12" Triangle Aluminum Dormer Vents, 7/12 Slope	3,451.23	93.29
07 72 38 13-1923	EA	24" x 12" Triangle Aluminum Dormer Vents, 6/12 Slope	3,666.34	93.29
07 72 38 13-1924	EA	24" x 12" Triangle Aluminum Dormer Vents, 5/12 Slope	3,881.45	93.29
07 72 38 13-1925	EA	24" x 16" Triangle Aluminum Dormer Vents, 16/12 Slope	1,698.18	93.29
07 72 38 13-1926	EA	24" x 16" Triangle Aluminum Dormer Vents, 15/12 Slope	1,913.29	93.29
07 72 38 13-1927	EA	24" x 16" Triangle Aluminum Dormer Vents, 14/12 Slope	2,157.30	93.29
07 72 38 13-1928	EA	24" x 16" Triangle Aluminum Dormer Vents, 13/12 Slope	2,340.30	93.29
07 72 38 13-1929	EA	24" x 16" Triangle Aluminum Dormer Vents, 12/12 Slope	2,558.62	93.29
07 72 38 13-1930	EA	24" x 16" Triangle Aluminum Dormer Vents, 11/12 Slope	2,770.52	93.29
07 72 38 13-1931	EA	24" x 16" Triangle Aluminum Dormer Vents, 10/12 Slope	2,985.63	93.29
07 72 38 13-1932	EA	24" x 16" Triangle Aluminum Dormer Vents, 9/12 Slope	3,200.74	93.29
07 72 38 13-1933	EA	24" x 16" Triangle Aluminum Dormer Vents, 8/12 Slope	3,415.85	93.29
07 72 38 13-1934	EA	24" x 16" Triangle Aluminum Dormer Vents, 7/12 Slope	3,627.75	93.29
07 72 38 13-1935	EA	24" x 16" Triangle Aluminum Dormer Vents, 6/12 Slope	3,842.86	93.29
07 72 38 13-1936	EA	24" x 16" Triangle Aluminum Dormer Vents, 5/12 Slope	4,057.97	93.29
07 72 38 13-1937	EA	30" x 15" Triangle Aluminum Dormer Vents, 16/12 Slope	1,837.24	104.96
07 72 38 13-1938	EA	30" x 15" Triangle Aluminum Dormer Vents, 15/12 Slope	2,052.35	104.96
07 72 38 13-1939	EA	30" x 15" Triangle Aluminum Dormer Vents, 14/12 Slope	2,296.36	104.96
07 72 38 13-1940	EA	30" x 15" Triangle Aluminum Dormer Vents, 13/12 Slope	2,479.36	104.96
07 72 38 13-1941	EA	30" x 15" Triangle Aluminum Dormer Vents, 12/12 Slope	2,697.68	104.96
07 72 38 13-1942	EA	30" x 15" Triangle Aluminum Dormer Vents, 11/12 Slope	2,909.58	104.96
07 72 38 13-1943	EA	30" x 15" Triangle Aluminum Dormer Vents, 10/12 Slope	3,124.69	104.96
07 72 38 13-1944	EA	30" x 15" Triangle Aluminum Dormer Vents, 9/12 Slope	3,339.80	104.96
07 72 38 13-1945	EA	30" x 15" Triangle Aluminum Dormer Vents, 8/12 Slope	3,554.91	104.96
07 72 38 13-1946	EA	30" x 15" Triangle Aluminum Dormer Vents, 7/12 Slope	3,766.81	104.96
07 72 38 13-1947	EA	30" x 15" Triangle Aluminum Dormer Vents, 6/12 Slope	3,981.92	104.96
07 72 38 13-1948	EA	30" x 15" Triangle Aluminum Dormer Vents, 5/12 Slope	4,197.03	104.96
07 72 38 13-1949	EA	30" x 20" Triangle Aluminum Dormer Vents, 16/12 Slope	2,113.07	104.96
07 72 38 13-1950	EA	30" x 20" Triangle Aluminum Dormer Vents, 15/12 Slope	2,328.18	104.96
07 72 38 13-1951	EA	30" x 20" Triangle Aluminum Dormer Vents, 14/12 Slope	2,572.18	104.96
07 72 38 13-1952	EA	30" x 20" Triangle Aluminum Dormer Vents, 13/12 Slope	2,755.19	104.96
07 72 38 13-1953	EA	30" x 20" Triangle Aluminum Dormer Vents, 12/12 Slope	2,973.51	104.96
07 72 38 13-1954	EA	30" x 20" Triangle Aluminum Dormer Vents, 11/12 Slope	3,185.41	104.96
07 72 38 13-1955	EA	30" x 20" Triangle Aluminum Dormer Vents, 10/12 Slope	3,400.52	104.96
07 72 38 13-1956	EA	30" x 20" Triangle Aluminum Dormer Vents, 9/12 Slope	3,615.63	104.96
07 72 38 13-1957	EA	30" x 20" Triangle Aluminum Dormer Vents, 8/12 Slope	3,830.74	104.96
07 72 38 13-1958	EA	30" x 20" Triangle Aluminum Dormer Vents, 7/12 Slope	4,042.64	104.96
07 72 38 13-1959	EA	30" x 20" Triangle Aluminum Dormer Vents, 6/12 Slope	4,257.75	104.96
07 72 38 13-1960	EA	30" x 20" Triangle Aluminum Dormer Vents, 5/12 Slope	4,472.86	104.96
07 72 38 13-1961	EA	36" x 18" Triangle Aluminum Dormer Vents, 16/12 Slope	2,223.07	119.32
07 72 38 13-1962	EA	36" x 18" Triangle Aluminum Dormer Vents, 15/12 Slope	2,438.18	119.32
07 72 38 13-1963	EA	36" x 18" Triangle Aluminum Dormer Vents, 14/12 Slope	2,682.19	119.32
07 72 38 13-1964	EA	36" x 18" Triangle Aluminum Dormer Vents, 13/12 Slope	2,865.19	119.32
07 72 38 13-1965	EA	36" x 18" Triangle Aluminum Dormer Vents, 12/12 Slope	3,083.52	119.32
07 72 38 13-1966	EA	36" x 18" Triangle Aluminum Dormer Vents, 11/12 Slope	3,295.42	119.32
07 72 38 13-1967	EA	36" x 18" Triangle Aluminum Dormer Vents, 10/12 Slope	3,510.53	119.32
07 72 38 13-1968	EA	36" x 18" Triangle Aluminum Dormer Vents, 9/12 Slope	3,725.64	119.32
07 72 38 13-1969	EA	36" x 18" Triangle Aluminum Dormer Vents, 8/12 Slope	3,940.75	119.32
07 72 38 13-1970	EA	36" x 18" Triangle Aluminum Dormer Vents, 7/12 Slope	4,152.65	119.32
07 72 38 13-1971	EA	36" x 18" Triangle Aluminum Dormer Vents, 6/12 Slope	4,367.76	119.32
07 72 38 13-1972	EA	36" x 18" Triangle Aluminum Dormer Vents, 5/12 Slope	4,582.87	119.32
07 72 38 13-1973	EA	36" x 24" Triangle Aluminum Dormer Vents, 16/12 Slope	2,620.29	119.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1974	EA	36" x 24" Triangle Aluminum Dormer Vents, 15/12 Slope	2,835.40	119.32
07 72 38 13-1975	EA	36" x 24" Triangle Aluminum Dormer Vents, 14/12 Slope	3,079.41	119.32
07 72 38 13-1976	EA	36" x 24" Triangle Aluminum Dormer Vents, 13/12 Slope	3,262.41	119.32
07 72 38 13-1977	EA	36" x 24" Triangle Aluminum Dormer Vents, 12/12 Slope	3,480.73	119.32
07 72 38 13-1978	EA	36" x 24" Triangle Aluminum Dormer Vents, 11/12 Slope	3,692.63	119.32
07 72 38 13-1979	EA	36" x 24" Triangle Aluminum Dormer Vents, 10/12 Slope	3,907.74	119.32
07 72 38 13-1980	EA	36" x 24" Triangle Aluminum Dormer Vents, 9/12 Slope	4,122.85	119.32
07 72 38 13-1981	EA	36" x 24" Triangle Aluminum Dormer Vents, 8/12 Slope	4,337.96	119.32
07 72 38 13-1982	EA	36" x 24" Triangle Aluminum Dormer Vents, 7/12 Slope	4,549.86	119.32
07 72 38 13-1983	EA	36" x 24" Triangle Aluminum Dormer Vents, 6/12 Slope	4,764.97	119.32
07 72 38 13-1984	EA	36" x 24" Triangle Aluminum Dormer Vents, 5/12 Slope	4,980.08	119.32
07 72 38 13-1985	EA	42" x 21" Triangle Aluminum Dormer Vents, 16/12 Slope	2,673.78	132.77
07 72 38 13-1986	EA	42" x 21" Triangle Aluminum Dormer Vents, 15/12 Slope	2,888.89	132.77
07 72 38 13-1987	EA	42" x 21" Triangle Aluminum Dormer Vents, 14/12 Slope	3,132.90	132.77
07 72 38 13-1988	EA	42" x 21" Triangle Aluminum Dormer Vents, 13/12 Slope	3,315.90	132.77
07 72 38 13-1989	EA	42" x 21" Triangle Aluminum Dormer Vents, 12/12 Slope	3,534.22	132.77
07 72 38 13-1990	EA	42" x 21" Triangle Aluminum Dormer Vents, 11/12 Slope	3,746.12	132.77
07 72 38 13-1991	EA	42" x 21" Triangle Aluminum Dormer Vents, 10/12 Slope	3,961.23	132.77
07 72 38 13-1992	EA	42" x 21" Triangle Aluminum Dormer Vents, 9/12 Slope	4,176.34	132.77
07 72 38 13-1993	EA	42" x 21" Triangle Aluminum Dormer Vents, 8/12 Slope	4,391.45	132.77
07 72 38 13-1994	EA	42" x 21" Triangle Aluminum Dormer Vents, 7/12 Slope	4,603.35	132.77
07 72 38 13-1995	EA	42" x 21" Triangle Aluminum Dormer Vents, 6/12 Slope	4,818.46	132.77
07 72 38 13-1996	EA	42" x 21" Triangle Aluminum Dormer Vents, 5/12 Slope	5,033.57	132.77
07 72 38 13-1997	EA	42" x 28" Triangle Aluminum Dormer Vents, 16/12 Slope	3,214.45	132.77
07 72 38 13-1998	EA	42" x 28" Triangle Aluminum Dormer Vents, 15/12 Slope	3,429.56	132.77
07 72 38 13-1999	EA	42" x 28" Triangle Aluminum Dormer Vents, 14/12 Slope	3,673.56	132.77
07 72 38 13-2000	EA	42" x 28" Triangle Aluminum Dormer Vents, 13/12 Slope	3,856.57	132.77
07 72 38 13-2001	EA	42" x 28" Triangle Aluminum Dormer Vents, 12/12 Slope	4,074.89	132.77
07 72 38 13-2002	EA	42" x 28" Triangle Aluminum Dormer Vents, 11/12 Slope	4,286.79	132.77
07 72 38 13-2003	EA	42" x 28" Triangle Aluminum Dormer Vents, 10/12 Slope	4,501.90	132.77
07 72 38 13-2004	EA	42" x 28" Triangle Aluminum Dormer Vents, 9/12 Slope	4,717.01	132.77
07 72 38 13-2005	EA	42" x 28" Triangle Aluminum Dormer Vents, 8/12 Slope	4,932.12	132.77
07 72 38 13-2006	EA	42" x 28" Triangle Aluminum Dormer Vents, 7/12 Slope	5,144.02	132.77
07 72 38 13-2007	EA	42" x 28" Triangle Aluminum Dormer Vents, 6/12 Slope	5,359.13	132.77
07 72 38 13-2008	EA	42" x 28" Triangle Aluminum Dormer Vents, 5/12 Slope	5,574.24	132.77
07 72 38 13-2009	EA	48" x 24" Triangle Aluminum Dormer Vents, 16/12 Slope	3,170.30	132.77
07 72 38 13-2010	EA	48" x 24" Triangle Aluminum Dormer Vents, 15/12 Slope	3,403.08	144.43
07 72 38 13-2011	EA	48" x 24" Triangle Aluminum Dormer Vents, 14/12 Slope	3,647.09	144.43
07 72 38 13-2012	EA	48" x 24" Triangle Aluminum Dormer Vents, 13/12 Slope	3,830.09	144.43
07 72 38 13-2013	EA	48" x 24" Triangle Aluminum Dormer Vents, 12/12 Slope	4,048.41	144.43
07 72 38 13-2014	EA	48" x 24" Triangle Aluminum Dormer Vents, 11/12 Slope	4,260.31	144.43
07 72 38 13-2015	EA	48" x 24" Triangle Aluminum Dormer Vents, 10/12 Slope	4,475.42	144.43
07 72 38 13-2016	EA	48" x 24" Triangle Aluminum Dormer Vents, 9/12 Slope	4,690.53	144.43
07 72 38 13-2017	EA	48" x 24" Triangle Aluminum Dormer Vents, 8/12 Slope	4,905.64	144.43
07 72 38 13-2018	EA	48" x 24" Triangle Aluminum Dormer Vents, 7/12 Slope	5,117.54	144.43
07 72 38 13-2019	EA	48" x 24" Triangle Aluminum Dormer Vents, 6/12 Slope	5,332.65	144.43
07 72 38 13-2020	EA	48" x 24" Triangle Aluminum Dormer Vents, 5/12 Slope	5,547.76	144.43
07 72 38 13-2021	EA	48" x 32" Triangle Aluminum Dormer Vents, 16/12 Slope	3,876.44	132.77
07 72 38 13-2022	EA	48" x 32" Triangle Aluminum Dormer Vents, 15/12 Slope	4,109.22	144.43
07 72 38 13-2023	EA	48" x 32" Triangle Aluminum Dormer Vents, 14/12 Slope	4,353.23	144.43
07 72 38 13-2024	EA	48" x 32" Triangle Aluminum Dormer Vents, 13/12 Slope	4,536.23	144.43
07 72 38 13-2025	EA	48" x 32" Triangle Aluminum Dormer Vents, 12/12 Slope	4,754.55	144.43
07 72 38 13-2026	EA	48" x 32" Triangle Aluminum Dormer Vents, 11/12 Slope	4,966.45	144.43
07 72 38 13-2027	EA	48" x 32" Triangle Aluminum Dormer Vents, 10/12 Slope	5,181.56	144.43
07 72 38 13-2028	EA	48" x 32" Triangle Aluminum Dormer Vents, 9/12 Slope	5,396.67	144.43
07 72 38 13-2029	EA	48" x 32" Triangle Aluminum Dormer Vents, 8/12 Slope	5,611.78	144.43
07 72 38 13-2030	EA	48" x 32" Triangle Aluminum Dormer Vents, 7/12 Slope	5,823.68	144.43
07 72 38 13-2031	EA	48" x 32" Triangle Aluminum Dormer Vents, 6/12 Slope	6,038.79	144.43
07 72 38 13-2032	EA	48" x 32" Triangle Aluminum Dormer Vents, 5/12 Slope	6,253.90	144.43
07 72 38 13-2033		**Rectangle Aluminum Roof Dormer Vent** *(07 72 38 13-1814)*		
07 72 38 13-2034	EA	12" x 18" Rectangle Aluminum Dormer Vents, 16/12 Slope	1,382.39	78.04
07 72 38 13-2035	EA	12" x 18" Rectangle Aluminum Dormer Vents, 15/12 Slope	1,513.74	78.04
07 72 38 13-2036	EA	12" x 18" Rectangle Aluminum Dormer Vents, 14/12 Slope	1,645.08	78.04
07 72 38 13-2037	EA	12" x 18" Rectangle Aluminum Dormer Vents, 13/12 Slope	1,776.43	78.04
07 72 38 13-2038	EA	12" x 18" Rectangle Aluminum Dormer Vents, 12/12 Slope	1,907.77	78.04
07 72 38 13-2039	EA	12" x 18" Rectangle Aluminum Dormer Vents, 11/12 Slope	2,039.12	78.04
07 72 38 13-2040	EA	12" x 18" Rectangle Aluminum Dormer Vents, 10/12 Slope	2,170.47	78.04
07 72 38 13-2041	EA	12" x 18" Rectangle Aluminum Dormer Vents, 9/12 Slope	2,301.81	78.04
07 72 38 13-2042	EA	12" x 18" Rectangle Aluminum Dormer Vents, 8/12 Slope	2,433.16	78.04
07 72 38 13-2043	EA	12" x 18" Rectangle Aluminum Dormer Vents, 7/12 Slope	2,564.50	78.04
07 72 38 13-2044	EA	12" x 18" Rectangle Aluminum Dormer Vents, 6/12 Slope	2,695.85	78.04
07 72 38 13-2045	EA	12" x 18" Rectangle Aluminum Dormer Vents, 5/12 Slope	2,827.19	78.04
07 72 38 13-2046	EA	15" x 21" Rectangle Aluminum Dormer Vents, 16/12 Slope	1,653.42	93.29
07 72 38 13-2047	EA	15" x 21" Rectangle Aluminum Dormer Vents, 15/12 Slope	1,784.77	93.29
07 72 38 13-2048	EA	15" x 21" Rectangle Aluminum Dormer Vents, 14/12 Slope	1,916.12	93.29
07 72 38 13-2049	EA	15" x 21" Rectangle Aluminum Dormer Vents, 13/12 Slope	2,047.46	93.29
07 72 38 13-2050	EA	15" x 21" Rectangle Aluminum Dormer Vents, 12/12 Slope	2,178.81	93.29
07 72 38 13-2051	EA	15" x 21" Rectangle Aluminum Dormer Vents, 11/12 Slope	2,310.15	93.29
07 72 38 13-2052	EA	15" x 21" Rectangle Aluminum Dormer Vents, 10/12 Slope	2,441.50	93.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-2053	EA	15" x 21" Rectangle Aluminum Dormer Vents, 9/12 Slope	2,572.84	93.29
07 72 38 13-2054	EA	15" x 21" Rectangle Aluminum Dormer Vents, 8/12 Slope	2,704.19	93.29
07 72 38 13-2055	EA	15" x 21" Rectangle Aluminum Dormer Vents, 7/12 Slope	2,835.54	93.29
07 72 38 13-2056	EA	15" x 21" Rectangle Aluminum Dormer Vents, 6/12 Slope	2,966.88	93.29
07 72 38 13-2057	EA	15" x 21" Rectangle Aluminum Dormer Vents, 5/12 Slope	3,098.23	93.29
07 72 38 13-2058	EA	18" x 27" Rectangle Aluminum Dormer Vents, 16/12 Slope	2,099.32	104.96
07 72 38 13-2059	EA	18" x 27" Rectangle Aluminum Dormer Vents, 15/12 Slope	2,230.67	104.96
07 72 38 13-2060	EA	18" x 27" Rectangle Aluminum Dormer Vents, 14/12 Slope	2,362.02	104.96
07 72 38 13-2061	EA	18" x 27" Rectangle Aluminum Dormer Vents, 13/12 Slope	2,493.36	104.96
07 72 38 13-2062	EA	18" x 27" Rectangle Aluminum Dormer Vents, 12/12 Slope	2,624.71	104.96
07 72 38 13-2063	EA	18" x 27" Rectangle Aluminum Dormer Vents, 11/12 Slope	2,756.05	104.96
07 72 38 13-2064	EA	18" x 27" Rectangle Aluminum Dormer Vents, 10/12 Slope	2,887.40	104.96
07 72 38 13-2065	EA	18" x 27" Rectangle Aluminum Dormer Vents, 9/12 Slope	3,018.74	104.96
07 72 38 13-2066	EA	18" x 27" Rectangle Aluminum Dormer Vents, 8/12 Slope	3,150.09	104.96
07 72 38 13-2067	EA	18" x 27" Rectangle Aluminum Dormer Vents, 7/12 Slope	3,281.43	104.96
07 72 38 13-2068	EA	18" x 27" Rectangle Aluminum Dormer Vents, 6/12 Slope	3,412.78	104.96
07 72 38 13-2069	EA	18" x 27" Rectangle Aluminum Dormer Vents, 5/12 Slope	3,544.13	104.96
07 72 38 13-2070	EA	24" x 36" Rectangle Aluminum Dormer Vents, 16/12 Slope	3,067.69	119.32
07 72 38 13-2071	EA	24" x 36" Rectangle Aluminum Dormer Vents, 15/12 Slope	3,199.03	119.32
07 72 38 13-2072	EA	24" x 36" Rectangle Aluminum Dormer Vents, 14/12 Slope	3,330.38	119.32
07 72 38 13-2073	EA	24" x 36" Rectangle Aluminum Dormer Vents, 13/12 Slope	3,461.72	119.32
07 72 38 13-2074	EA	24" x 36" Rectangle Aluminum Dormer Vents, 12/12 Slope	3,593.07	119.32
07 72 38 13-2075	EA	24" x 36" Rectangle Aluminum Dormer Vents, 11/12 Slope	3,724.42	119.32
07 72 38 13-2076	EA	24" x 36" Rectangle Aluminum Dormer Vents, 10/12 Slope	3,855.76	119.32
07 72 38 13-2077	EA	24" x 36" Rectangle Aluminum Dormer Vents, 9/12 Slope	3,987.11	119.32
07 72 38 13-2078	EA	24" x 36" Rectangle Aluminum Dormer Vents, 8/12 Slope	4,118.45	119.32
07 72 38 13-2079	EA	24" x 36" Rectangle Aluminum Dormer Vents, 7/12 Slope	4,249.80	119.32
07 72 38 13-2080	EA	24" x 36" Rectangle Aluminum Dormer Vents, 6/12 Slope	4,381.14	119.32
07 72 38 13-2081	EA	24" x 36" Rectangle Aluminum Dormer Vents, 5/12 Slope	4,512.49	119.32
07 72 38 13-2082	EA	30" x 42" Rectangle Aluminum Dormer Vents, 16/12 Slope	4,079.77	132.77
07 72 38 13-2083	EA	30" x 42" Rectangle Aluminum Dormer Vents, 15/12 Slope	4,211.11	132.77
07 72 38 13-2084	EA	30" x 42" Rectangle Aluminum Dormer Vents, 14/12 Slope	4,342.46	132.77
07 72 38 13-2085	EA	30" x 42" Rectangle Aluminum Dormer Vents, 13/12 Slope	4,473.80	132.77
07 72 38 13-2086	EA	30" x 42" Rectangle Aluminum Dormer Vents, 12/12 Slope	4,605.15	132.77
07 72 38 13-2087	EA	30" x 42" Rectangle Aluminum Dormer Vents, 11/12 Slope	4,736.50	132.77
07 72 38 13-2088	EA	30" x 42" Rectangle Aluminum Dormer Vents, 10/12 Slope	4,867.84	132.77
07 72 38 13-2089	EA	30" x 42" Rectangle Aluminum Dormer Vents, 9/12 Slope	4,999.19	132.77
07 72 38 13-2090	EA	30" x 42" Rectangle Aluminum Dormer Vents, 8/12 Slope	5,130.53	132.77
07 72 38 13-2091	EA	30" x 42" Rectangle Aluminum Dormer Vents, 7/12 Slope	5,261.88	132.77
07 72 38 13-2092	EA	30" x 42" Rectangle Aluminum Dormer Vents, 6/12 Slope	5,393.22	132.77
07 72 38 13-2093	EA	30" x 42" Rectangle Aluminum Dormer Vents, 5/12 Slope	5,524.57	132.77
07 72 38 13-2094	EA	36" x 48" Rectangle Aluminum Dormer Vents, 16/12 Slope	5,251.76	132.77
07 72 38 13-2095	EA	36" x 48" Rectangle Aluminum Dormer Vents, 15/12 Slope	5,400.78	144.43
07 72 38 13-2096	EA	36" x 48" Rectangle Aluminum Dormer Vents, 14/12 Slope	5,532.13	144.43
07 72 38 13-2097	EA	36" x 48" Rectangle Aluminum Dormer Vents, 13/12 Slope	5,663.47	144.43
07 72 38 13-2098	EA	36" x 48" Rectangle Aluminum Dormer Vents, 12/12 Slope	5,794.82	144.43
07 72 38 13-2099	EA	36" x 48" Rectangle Aluminum Dormer Vents, 11/12 Slope	5,926.16	144.43
07 72 38 13-2100	EA	36" x 48" Rectangle Aluminum Dormer Vents, 10/12 Slope	6,057.51	144.43
07 72 38 13-2101	EA	36" x 48" Rectangle Aluminum Dormer Vents, 9/12 Slope	6,188.85	144.43
07 72 38 13-2102	EA	36" x 48" Rectangle Aluminum Dormer Vents, 8/12 Slope	6,320.20	144.43
07 72 38 13-2103	EA	36" x 48" Rectangle Aluminum Dormer Vents, 7/12 Slope	6,451.55	144.43
07 72 38 13-2104	EA	36" x 48" Rectangle Aluminum Dormer Vents, 6/12 Slope	6,582.89	144.43
07 72 38 13-2105	EA	36" x 48" Rectangle Aluminum Dormer Vents, 5/12 Slope	6,714.24	144.43

07 72 38 13-2106 Tombstone Aluminum Roof Dormer Vent *(07 72 38 13-1814)*

07 72 38 13-2107	EA	12" x 18" Tombstone Aluminum Dormer Vents, 16/12 Slope	1,456.04	78.04
07 72 38 13-2108	EA	12" x 18" Tombstone Aluminum Dormer Vents, 15/12 Slope	1,671.15	78.04
07 72 38 13-2109	EA	12" x 18" Tombstone Aluminum Dormer Vents, 14/12 Slope	1,915.16	78.04
07 72 38 13-2110	EA	12" x 18" Tombstone Aluminum Dormer Vents, 13/12 Slope	2,098.16	78.04
07 72 38 13-2111	EA	12" x 18" Tombstone Aluminum Dormer Vents, 12/12 Slope	2,316.48	78.04
07 72 38 13-2112	EA	12" x 18" Tombstone Aluminum Dormer Vents, 11/12 Slope	2,528.38	78.04
07 72 38 13-2113	EA	12" x 18" Tombstone Aluminum Dormer Vents, 10/12 Slope	2,743.49	78.04
07 72 38 13-2114	EA	12" x 18" Tombstone Aluminum Dormer Vents, 9/12 Slope	2,958.60	78.04
07 72 38 13-2115	EA	12" x 18" Tombstone Aluminum Dormer Vents, 8/12 Slope	3,173.71	78.04
07 72 38 13-2116	EA	12" x 18" Tombstone Aluminum Dormer Vents, 7/12 Slope	3,385.61	78.04
07 72 38 13-2117	EA	12" x 18" Tombstone Aluminum Dormer Vents, 6/12 Slope	3,600.72	78.04
07 72 38 13-2118	EA	12" x 18" Tombstone Aluminum Dormer Vents, 5/12 Slope	3,815.83	78.04
07 72 38 13-2119	EA	15" x 21" Tombstone Aluminum Dormer Vents, 16/12 Slope	1,679.40	93.29
07 72 38 13-2120	EA	15" x 21" Tombstone Aluminum Dormer Vents, 15/12 Slope	1,894.51	93.29
07 72 38 13-2121	EA	15" x 21" Tombstone Aluminum Dormer Vents, 14/12 Slope	2,138.51	93.29
07 72 38 13-2122	EA	15" x 21" Tombstone Aluminum Dormer Vents, 13/12 Slope	2,321.52	93.29
07 72 38 13-2123	EA	15" x 21" Tombstone Aluminum Dormer Vents, 12/12 Slope	2,539.84	93.29
07 72 38 13-2124	EA	15" x 21" Tombstone Aluminum Dormer Vents, 11/12 Slope	2,751.74	93.29
07 72 38 13-2125	EA	15" x 21" Tombstone Aluminum Dormer Vents, 10/12 Slope	2,966.85	93.29
07 72 38 13-2126	EA	15" x 21" Tombstone Aluminum Dormer Vents, 9/12 Slope	3,181.96	93.29
07 72 38 13-2127	EA	15" x 21" Tombstone Aluminum Dormer Vents, 8/12 Slope	3,397.07	93.29
07 72 38 13-2128	EA	15" x 21" Tombstone Aluminum Dormer Vents, 7/12 Slope	3,608.97	93.29
07 72 38 13-2129	EA	15" x 21" Tombstone Aluminum Dormer Vents, 6/12 Slope	3,824.08	93.29
07 72 38 13-2130	EA	15" x 21" Tombstone Aluminum Dormer Vents, 5/12 Slope	4,039.19	93.29
07 72 38 13-2131	EA	18" x 27" Tombstone Aluminum Dormer Vents, 16/12 Slope	2,042.95	104.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-2132	EA	18" x 27" Tombstone Aluminum Dormer Vents, 15/12 Slope	2,258.06	104.96
07 72 38 13-2133	EA	18" x 27" Tombstone Aluminum Dormer Vents, 14/12 Slope	2,502.06	104.96
07 72 38 13-2134	EA	18" x 27" Tombstone Aluminum Dormer Vents, 13/12 Slope	2,685.07	104.96
07 72 38 13-2135	EA	18" x 27" Tombstone Aluminum Dormer Vents, 12/12 Slope	2,903.39	104.96
07 72 38 13-2136	EA	18" x 27" Tombstone Aluminum Dormer Vents, 11/12 Slope	3,115.29	104.96
07 72 38 13-2137	EA	18" x 27" Tombstone Aluminum Dormer Vents, 10/12 Slope	3,330.40	104.96
07 72 38 13-2138	EA	18" x 27" Tombstone Aluminum Dormer Vents, 9/12 Slope	3,545.51	104.96
07 72 38 13-2139	EA	18" x 27" Tombstone Aluminum Dormer Vents, 8/12 Slope	3,760.62	104.96
07 72 38 13-2140	EA	18" x 27" Tombstone Aluminum Dormer Vents, 7/12 Slope	3,972.52	104.96
07 72 38 13-2141	EA	18" x 27" Tombstone Aluminum Dormer Vents, 6/12 Slope	4,187.63	104.96
07 72 38 13-2142	EA	18" x 27" Tombstone Aluminum Dormer Vents, 5/12 Slope	4,402.74	104.96
07 72 38 13-2143	EA	24" x 36" Tombstone Aluminum Dormer Vents, 16/12 Slope	2,829.27	119.32
07 72 38 13-2144	EA	24" x 36" Tombstone Aluminum Dormer Vents, 15/12 Slope	3,044.38	119.32
07 72 38 13-2145	EA	24" x 36" Tombstone Aluminum Dormer Vents, 14/12 Slope	3,288.38	119.32
07 72 38 13-2146	EA	24" x 36" Tombstone Aluminum Dormer Vents, 13/12 Slope	3,471.39	119.32
07 72 38 13-2147	EA	24" x 36" Tombstone Aluminum Dormer Vents, 12/12 Slope	3,689.71	119.32
07 72 38 13-2148	EA	24" x 36" Tombstone Aluminum Dormer Vents, 11/12 Slope	3,901.61	119.32
07 72 38 13-2149	EA	24" x 36" Tombstone Aluminum Dormer Vents, 10/12 Slope	4,116.72	119.32
07 72 38 13-2150	EA	24" x 36" Tombstone Aluminum Dormer Vents, 9/12 Slope	4,331.83	119.32
07 72 38 13-2151	EA	24" x 36" Tombstone Aluminum Dormer Vents, 8/12 Slope	4,546.94	119.32
07 72 38 13-2152	EA	24" x 36" Tombstone Aluminum Dormer Vents, 7/12 Slope	4,758.84	119.32
07 72 38 13-2153	EA	24" x 36" Tombstone Aluminum Dormer Vents, 6/12 Slope	4,973.95	119.32
07 72 38 13-2154	EA	24" x 36" Tombstone Aluminum Dormer Vents, 5/12 Slope	5,189.06	119.32
07 72 38 13-2155	EA	30" x 42" Tombstone Aluminum Dormer Vents, 16/12 Slope	3,650.64	132.77
07 72 38 13-2156	EA	30" x 42" Tombstone Aluminum Dormer Vents, 15/12 Slope	3,865.75	132.77
07 72 38 13-2157	EA	30" x 42" Tombstone Aluminum Dormer Vents, 14/12 Slope	4,109.75	132.77
07 72 38 13-2158	EA	30" x 42" Tombstone Aluminum Dormer Vents, 13/12 Slope	4,292.76	132.77
07 72 38 13-2159	EA	30" x 42" Tombstone Aluminum Dormer Vents, 12/12 Slope	4,511.08	132.77
07 72 38 13-2160	EA	30" x 42" Tombstone Aluminum Dormer Vents, 11/12 Slope	4,722.98	132.77
07 72 38 13-2161	EA	30" x 42" Tombstone Aluminum Dormer Vents, 10/12 Slope	4,938.09	132.77
07 72 38 13-2162	EA	30" x 42" Tombstone Aluminum Dormer Vents, 9/12 Slope	5,153.20	132.77
07 72 38 13-2163	EA	30" x 42" Tombstone Aluminum Dormer Vents, 8/12 Slope	5,368.31	132.77
07 72 38 13-2164	EA	30" x 42" Tombstone Aluminum Dormer Vents, 7/12 Slope	5,580.21	132.77
07 72 38 13-2165	EA	30" x 42" Tombstone Aluminum Dormer Vents, 6/12 Slope	5,795.32	132.77
07 72 38 13-2166	EA	30" x 42" Tombstone Aluminum Dormer Vents, 5/12 Slope	6,010.43	132.77
07 72 38 13-2167	EA	36" x 48" Tombstone Aluminum Dormer Vents, 16/12 Slope	4,597.25	132.77
07 72 38 13-2168	EA	36" x 48" Tombstone Aluminum Dormer Vents, 15/12 Slope	4,830.03	144.43
07 72 38 13-2169	EA	36" x 48" Tombstone Aluminum Dormer Vents, 14/12 Slope	5,074.04	144.43
07 72 38 13-2170	EA	36" x 48" Tombstone Aluminum Dormer Vents, 13/12 Slope	5,257.04	144.43
07 72 38 13-2171	EA	36" x 48" Tombstone Aluminum Dormer Vents, 12/12 Slope	5,475.36	144.43
07 72 38 13-2172	EA	36" x 48" Tombstone Aluminum Dormer Vents, 11/12 Slope	5,687.26	144.43
07 72 38 13-2173	EA	36" x 48" Tombstone Aluminum Dormer Vents, 10/12 Slope	5,902.37	144.43
07 72 38 13-2174	EA	36" x 48" Tombstone Aluminum Dormer Vents, 9/12 Slope	6,117.48	144.43
07 72 38 13-2175	EA	36" x 48" Tombstone Aluminum Dormer Vents, 8/12 Slope	6,332.59	144.43
07 72 38 13-2176	EA	36" x 48" Tombstone Aluminum Dormer Vents, 7/12 Slope	6,544.49	144.43
07 72 38 13-2177	EA	36" x 48" Tombstone Aluminum Dormer Vents, 6/12 Slope	6,759.60	144.43
07 72 38 13-2178	EA	36" x 48" Tombstone Aluminum Dormer Vents, 5/12 Slope	6,974.71	144.43
07 72 38 13-2179		**Arched Top Aluminum Roof Dormer Vent** *(07 72 38 13-1814)*		
07 72 38 13-2180	EA	12" x 15" Arched Top Aluminum Dormer Vents, 16/12 Slope	1,388.46	78.04
07 72 38 13-2181	EA	12" x 15" Arched Top Aluminum Dormer Vents, 15/12 Slope	1,585.46	78.04
07 72 38 13-2182	EA	12" x 15" Arched Top Aluminum Dormer Vents, 14/12 Slope	1,782.46	78.04
07 72 38 13-2183	EA	12" x 15" Arched Top Aluminum Dormer Vents, 13/12 Slope	1,979.47	78.04
07 72 38 13-2184	EA	12" x 15" Arched Top Aluminum Dormer Vents, 12/12 Slope	2,176.47	78.04
07 72 38 13-2185	EA	12" x 15" Arched Top Aluminum Dormer Vents, 11/12 Slope	2,373.47	78.04
07 72 38 13-2186	EA	12" x 15" Arched Top Aluminum Dormer Vents, 10/12 Slope	2,570.47	78.04
07 72 38 13-2187	EA	12" x 15" Arched Top Aluminum Dormer Vents, 9/12 Slope	2,767.48	78.04
07 72 38 13-2188	EA	12" x 15" Arched Top Aluminum Dormer Vents, 8/12 Slope	2,964.48	78.04
07 72 38 13-2189	EA	12" x 15" Arched Top Aluminum Dormer Vents, 7/12 Slope	3,161.48	78.04
07 72 38 13-2190	EA	12" x 15" Arched Top Aluminum Dormer Vents, 6/12 Slope	3,358.48	78.04
07 72 38 13-2191	EA	12" x 15" Arched Top Aluminum Dormer Vents, 5/12 Slope	3,555.49	78.04
07 72 38 13-2192	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 16/12 Slope	1,622.86	93.29
07 72 38 13-2193	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 15/12 Slope	1,819.86	93.29
07 72 38 13-2194	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 14/12 Slope	2,016.86	93.29
07 72 38 13-2195	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 13/12 Slope	2,213.87	93.29
07 72 38 13-2196	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 12/12 Slope	2,410.87	93.29
07 72 38 13-2197	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 11/12 Slope	2,607.87	93.29
07 72 38 13-2198	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 10/12 Slope	2,804.87	93.29
07 72 38 13-2199	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 9/12 Slope	3,001.88	93.29
07 72 38 13-2200	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 8/12 Slope	3,198.88	93.29
07 72 38 13-2201	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 7/12 Slope	3,395.88	93.29
07 72 38 13-2202	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 6/12 Slope	3,592.88	93.29
07 72 38 13-2203	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 5/12 Slope	3,789.89	93.29
07 72 38 13-2204	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 16/12 Slope	1,898.79	104.96
07 72 38 13-2205	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 15/12 Slope	2,095.79	104.96
07 72 38 13-2206	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 14/12 Slope	2,292.79	104.96
07 72 38 13-2207	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 13/12 Slope	2,489.80	104.96
07 72 38 13-2208	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 12/12 Slope	2,686.80	104.96
07 72 38 13-2209	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 11/12 Slope	2,883.80	104.96
07 72 38 13-2210	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 10/12 Slope	3,080.80	104.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-2211	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 9/12 Slope	1,901.92	104.66
07 72 38 13-2212	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 8/12 Slope	2,012.01	104.66
07 72 38 13-2213	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 7/12 Slope	2,122.10	104.66
07 72 38 13-2214	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 6/12 Slope	2,232.19	104.66
07 72 38 13-2215	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 5/12 Slope	2,342.28	104.66
07 72 38 13-2216	EA	24" x 30" Arched Top Aluminum Dormer Vents, 16/12 Slope	1,520.38	119.62
07 72 38 13-2217	EA	24" x 30" Arched Top Aluminum Dormer Vents, 15/12 Slope	1,630.48	119.62
07 72 38 13-2218	EA	24" x 30" Arched Top Aluminum Dormer Vents, 14/12 Slope	1,740.57	119.62
07 72 38 13-2219	EA	24" x 30" Arched Top Aluminum Dormer Vents, 13/12 Slope	1,850.66	119.62
07 72 38 13-2220	EA	24" x 30" Arched Top Aluminum Dormer Vents, 12/12 Slope	1,960.75	119.62
07 72 38 13-2221	EA	24" x 30" Arched Top Aluminum Dormer Vents, 11/12 Slope	2,070.84	119.62
07 72 38 13-2222	EA	24" x 30" Arched Top Aluminum Dormer Vents, 10/12 Slope	2,180.94	119.62
07 72 38 13-2223	EA	24" x 30" Arched Top Aluminum Dormer Vents, 9/12 Slope	2,291.03	119.62
07 72 38 13-2224	EA	24" x 30" Arched Top Aluminum Dormer Vents, 8/12 Slope	2,401.12	119.62
07 72 38 13-2225	EA	24" x 30" Arched Top Aluminum Dormer Vents, 7/12 Slope	2,511.21	119.62
07 72 38 13-2226	EA	24" x 30" Arched Top Aluminum Dormer Vents, 6/12 Slope	2,621.30	119.62
07 72 38 13-2227	EA	24" x 30" Arched Top Aluminum Dormer Vents, 5/12 Slope	2,731.40	119.62
07 72 38 13-2228	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 16/12 Slope	2,013.10	133.21
07 72 38 13-2229	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 15/12 Slope	2,123.19	133.21
07 72 38 13-2230	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 14/12 Slope	2,233.28	133.21
07 72 38 13-2231	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 13/12 Slope	2,343.37	133.21
07 72 38 13-2232	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 12/12 Slope	2,453.47	133.21
07 72 38 13-2233	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 11/12 Slope	2,563.56	133.21
07 72 38 13-2234	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 10/12 Slope	2,673.65	133.21
07 72 38 13-2235	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 9/12 Slope	2,783.74	133.21
07 72 38 13-2236	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 8/12 Slope	2,893.83	133.21
07 72 38 13-2237	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 7/12 Slope	3,003.93	133.21
07 72 38 13-2238	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 6/12 Slope	3,114.02	133.21
07 72 38 13-2239	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 5/12 Slope	3,224.11	133.21
07 72 38 13-2240	EA	36" x 45" Arched Top Aluminum Dormer Vents, 16/12 Slope	2,590.38	133.21
07 72 38 13-2241	EA	36" x 45" Arched Top Aluminum Dormer Vents, 15/12 Slope	2,718.14	144.08
07 72 38 13-2242	EA	36" x 45" Arched Top Aluminum Dormer Vents, 14/12 Slope	2,828.23	144.08
07 72 38 13-2243	EA	36" x 45" Arched Top Aluminum Dormer Vents, 13/12 Slope	2,938.33	144.08
07 72 38 13-2244	EA	36" x 45" Arched Top Aluminum Dormer Vents, 12/12 Slope	3,048.42	144.08
07 72 38 13-2245	EA	36" x 45" Arched Top Aluminum Dormer Vents, 11/12 Slope	3,158.51	144.08
07 72 38 13-2246	EA	36" x 45" Arched Top Aluminum Dormer Vents, 10/12 Slope	3,268.60	144.08
07 72 38 13-2247	EA	36" x 45" Arched Top Aluminum Dormer Vents, 9/12 Slope	3,378.70	144.08
07 72 38 13-2248	EA	36" x 45" Arched Top Aluminum Dormer Vents, 8/12 Slope	3,488.79	144.08
07 72 38 13-2249	EA	36" x 45" Arched Top Aluminum Dormer Vents, 7/12 Slope	3,598.88	144.08
07 72 38 13-2250	EA	36" x 45" Arched Top Aluminum Dormer Vents, 6/12 Slope	3,708.97	144.08
07 72 38 13-2251	EA	36" x 45" Arched Top Aluminum Dormer Vents, 5/12 Slope	3,819.06	144.08

07 72 38 13-2252 Hipped Roof Aluminum Roof Dormer Vent *(07 72 38 13-1814)*

07 72 38 13-2253	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 16/12 Slope	643.83	78.04
07 72 38 13-2254	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 15/12 Slope	737.61	78.04
07 72 38 13-2255	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 14/12 Slope	831.39	78.04
07 72 38 13-2256	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 13/12 Slope	925.17	78.04
07 72 38 13-2257	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 12/12 Slope	1,018.96	78.04
07 72 38 13-2258	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 11/12 Slope	1,112.74	78.04
07 72 38 13-2259	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 10/12 Slope	1,206.52	78.04
07 72 38 13-2260	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 9/12 Slope	1,300.30	78.04
07 72 38 13-2261	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 8/12 Slope	1,394.09	78.04
07 72 38 13-2262	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 7/12 Slope	1,487.87	78.04
07 72 38 13-2263	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 6/12 Slope	1,581.65	78.04
07 72 38 13-2264	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 5/12 Slope	1,675.44	78.04
07 72 38 13-2265	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 16/12 Slope	769.96	93.29
07 72 38 13-2266	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 15/12 Slope	863.74	93.29
07 72 38 13-2267	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 14/12 Slope	957.52	93.29
07 72 38 13-2268	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 13/12 Slope	1,051.31	93.29
07 72 38 13-2269	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 12/12 Slope	1,145.09	93.29
07 72 38 13-2270	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 11/12 Slope	1,238.87	93.29
07 72 38 13-2271	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 10/12 Slope	1,332.66	93.29
07 72 38 13-2272	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 9/12 Slope	1,426.44	93.29
07 72 38 13-2273	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 8/12 Slope	1,520.22	93.29
07 72 38 13-2274	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 7/12 Slope	1,614.00	93.29
07 72 38 13-2275	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 6/12 Slope	1,707.79	93.29
07 72 38 13-2276	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 5/12 Slope	1,801.57	93.29
07 72 38 13-2277	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 16/12 Slope	965.58	104.96
07 72 38 13-2278	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 15/12 Slope	1,059.36	104.96
07 72 38 13-2279	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 14/12 Slope	1,153.14	104.96
07 72 38 13-2280	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 13/12 Slope	1,246.93	104.96
07 72 38 13-2281	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 12/12 Slope	1,340.71	104.96
07 72 38 13-2282	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 11/12 Slope	1,434.49	104.96
07 72 38 13-2283	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 10/12 Slope	1,528.27	104.96
07 72 38 13-2284	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 9/12 Slope	1,622.06	104.96
07 72 38 13-2285	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 8/12 Slope	1,715.84	104.96
07 72 38 13-2286	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 7/12 Slope	1,809.62	104.96
07 72 38 13-2287	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 6/12 Slope	1,903.41	104.96
07 72 38 13-2288	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 5/12 Slope	1,997.19	104.96
07 72 38 13-2289	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 16/12 Slope	1,380.69	119.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-2290	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 15/12 Slope	1,474.47	119.32
07 72 38 13-2291	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 14/12 Slope	1,568.25	119.32
07 72 38 13-2292	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 13/12 Slope	1,662.04	119.32
07 72 38 13-2293	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 12/12 Slope	1,755.82	119.32
07 72 38 13-2294	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 11/12 Slope	1,849.60	119.32
07 72 38 13-2295	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 10/12 Slope	1,943.38	119.32
07 72 38 13-2296	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 9/12 Slope	2,037.17	119.32
07 72 38 13-2297	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 8/12 Slope	2,130.95	119.32
07 72 38 13-2298	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 7/12 Slope	2,224.73	119.32
07 72 38 13-2299	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 6/12 Slope	2,318.52	119.32
07 72 38 13-2300	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 5/12 Slope	2,412.30	119.32
07 72 38 13-2301	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 16/12 Slope	1,813.17	132.77
07 72 38 13-2302	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 15/12 Slope	1,906.95	132.77
07 72 38 13-2303	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 14/12 Slope	2,000.73	132.77
07 72 38 13-2304	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 13/12 Slope	2,094.52	132.77
07 72 38 13-2305	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 12/12 Slope	2,188.30	132.77
07 72 38 13-2306	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 11/12 Slope	2,282.08	132.77
07 72 38 13-2307	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 10/12 Slope	2,375.87	132.77
07 72 38 13-2308	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 9/12 Slope	2,469.65	132.77
07 72 38 13-2309	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 8/12 Slope	2,563.43	132.77
07 72 38 13-2310	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 7/12 Slope	2,657.21	132.77
07 72 38 13-2311	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 6/12 Slope	2,751.00	132.77
07 72 38 13-2312	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 5/12 Slope	2,844.78	132.77
07 72 38 13-2313	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 16/12 Slope	2,300.19	132.77
07 72 38 13-2314	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 15/12 Slope	2,411.64	144.43
07 72 38 13-2315	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 14/12 Slope	2,505.42	144.43
07 72 38 13-2316	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 13/12 Slope	2,599.21	144.43
07 72 38 13-2317	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 12/12 Slope	2,692.99	144.43
07 72 38 13-2318	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 11/12 Slope	2,786.77	144.43
07 72 38 13-2319	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 10/12 Slope	2,880.55	144.43
07 72 38 13-2320	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 9/12 Slope	2,974.34	144.43
07 72 38 13-2321	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 8/12 Slope	3,068.12	144.43
07 72 38 13-2322	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 7/12 Slope	3,161.90	144.43
07 72 38 13-2323	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 6/12 Slope	3,255.68	144.43
07 72 38 13-2324	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 5/12 Slope	3,349.47	144.43

07 72 38 13-2325 Galvanized Steel Fire And Ember Dormer Vent *(07 72 38 13)*

07 72 38 13-2326	EA	14" x 9" Galvanized Steel, Fire And Ember Eyebrow Low Profile Dormer Vents Note: Includes fire caulking	314.64	119.62

07 72 46 Roof Walkways *(07 72)*

07 72 46 00-0001 Recycled Rubber Walkway Pads *(07 72 46)*

07 72 46 00-0002	SF	3/8" Thick, Button Surface, Recycled Rubber Walkway Pad	13.67	3.29
		For Diamond Surface, Add	*1.20*	
07 72 46 00-0003	SF	1/2" Thick, Button Surface, Recycled Rubber Walkway Pad	15.21	3.95
		For Diamond Surface, Add	*1.39*	
07 72 46 00-0004	SF	3/4" Thick, Button Surface, Recycled Rubber Walkway Pad	16.78	3.95
		For Diamond Surface, Add	*1.55*	

07 72 63 Waste Containment Assemblies *(07 72)*

07 72 63 00-0001 Rooftop Oil And Grease Containment System *(07 72 63)*

07 72 63 00-0002 Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD-E) *(07 72 63 00-0001)*

07 72 63 00-0003	EA	48" Length, 48" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD100-E)	3,356.09	273.17
07 72 63 00-0004	EA	60" Length, 60" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101-E)	3,744.50	273.17
07 72 63 00-0005	EA	60" Length, 90" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106-E)	4,583.42	284.09
07 72 63 00-0006	EA	72" Length, 72" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102-E)	4,561.22	284.09
07 72 63 00-0007	EA	72" Length, 108" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103-E)	5,944.95	307.31
07 72 63 00-0008	EA	72" Length, 144" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111-E)	4,651.72	307.31
07 72 63 00-0009	EA	90" Length, 90" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105-E)	5,188.78	364.12
07 72 63 00-0010	EA	108" Length, 108" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112-E)	7,626.56	455.23
07 72 63 00-0011	EA	120" Length, 120" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107-E)	9,447.06	455.23
07 72 63 00-0012	EA	144" Length, 144" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113-E)	11,944.69	455.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 63 00-0013		Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD) *(07 72 63 00-0001)*		
07 72 63 00-0014	EA	48" Length, 48" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD100)	4,116.37	273.17
07 72 63 00-0015	EA	60" Length, 60" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101)	4,621.46	273.17
07 72 63 00-0016	EA	60" Length, 90" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106)	5,699.04	284.09
07 72 63 00-0017	EA	72" Length, 72" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102)	5,798.97	284.09
07 72 63 00-0018	EA	72" Length, 108" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103)	8,259.43	307.31
07 72 63 00-0019	EA	72" Length, 144" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111)	9,053.13	307.31
07 72 63 00-0020	EA	90" Length, 90" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105)	8,430.16	364.12
07 72 63 00-0021	EA	108" Length, 108" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112)	9,502.56	455.23
07 72 63 00-0022	EA	120" Length, 120" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107)	11,872.54	455.23
07 72 63 00-0023	EA	144" Length, 144" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113)	15,119.46	455.23
07 72 63 00-0024		Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63)*		
		Note: Includes removing old filters and installing new filters.		
07 72 63 00-0025		Top And Center Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0024)*		
07 72 63 00-0026		Light Duty, Top And Center Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0025)*		
07 72 63 00-0027	SET	48" Length, 48" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-E)	275.36	
07 72 63 00-0028	SET	60" Length, 60" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-E)	386.38	
07 72 63 00-0029	SET	60" Length, 90" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-E)	552.87	
07 72 63 00-0030	SET	72" Length, 72" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-E)	511.03	
07 72 63 00-0031	SET	72" Length, 108" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-E)	955.06	
07 72 63 00-0032	SET	72" Length, 144" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-E)	966.15	
07 72 63 00-0033	SET	90" Length, 90" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-E)	746.71	
07 72 63 00-0034	SET	108" Length, 108" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-E)	968.72	
07 72 63 00-0035	SET	120" Length, 120" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-E)	1,418.30	
07 72 63 00-0036	SET	144" Length, 144" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-E)	1,867.87	
07 72 63 00-0037		Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0024)*		
07 72 63 00-0038		Light Duty, Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0037)*		
07 72 63 00-0039	SET	48" Length, 48" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-EC)	573.36	
07 72 63 00-0040	SET	60" Length, 60" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-EC)	762.08	
07 72 63 00-0041	SET	60" Length, 90" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-EC)	1,106.21	
07 72 63 00-0042	SET	72" Length, 72" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-EC)	1,031.05	
07 72 63 00-0043	SET	72" Length, 108" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-EC)	1,980.15	
07 72 63 00-0044	SET	72" Length, 144" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-EC)	1,991.24	
07 72 63 00-0045	SET	90" Length, 90" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-EC)	1,477.62	
07 72 63 00-0046	SET	108" Length, 108" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-EC)	1,993.80	
07 72 63 00-0047	SET	120" Length, 120" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-EC)	2,920.70	
07 72 63 00-0048	SET	144" Length, 144" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-EC)	3,886.46	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 63 00-0049		**Heavy-Duty, Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System** *(07 72 63 00-0037)*		
07 72 63 00-0050	SET	48" Length, 48" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-C)	712.13	
07 72 63 00-0051	SET	60" Length, 60" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-C)	884.19	
07 72 63 00-0052	SET	60" Length, 90" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-C)	1,294.90	
07 72 63 00-0053	SET	72" Length, 72" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-C)	1,225.32	
07 72 63 00-0054	SET	72" Length, 108" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-C)	2,385.32	
07 72 63 00-0055	SET	72" Length, 144" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-C)	2,374.23	
07 72 63 00-0056	SET	90" Length, 90" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-C)	1,732.95	
07 72 63 00-0057	SET	108" Length, 108" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-C)	2,398.97	
07 72 63 00-0058	SET	120" Length, 120" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-C)	3,364.73	
07 72 63 00-0059	SET	144" Length, 144" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-C)	4,680.16	

07 73 Roof Protection Board *(07 70)*

07 73 00 00-0001		**Roof Protection Board** *(07 73)* Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements.		
07 73 00 00-0002		**Cold Adhesive Applied, Roof Protection Board (Georgia-Pacific DensDeck®)** *(07 73 00 00-0001)*		
07 73 00 00-0003	SF	1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®)	4.51	0.69
		For No Adhesive, Deduct	*-0.99*	
07 73 00 00-0004	SF	1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®)	5.09	0.75
		For No Adhesive, Deduct	*-1.02*	
07 73 00 00-0005	SF	5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®)	5.39	0.82
		For No Adhesive, Deduct	*-1.05*	
07 73 00 00-0006	SF	1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime)	4.58	0.69
		For No Adhesive, Deduct	*-0.99*	
07 73 00 00-0007	SF	1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime)	5.19	0.75
		For No Adhesive, Deduct	*-1.02*	
07 73 00 00-0008	SF	5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime)	5.48	0.82
		For No Adhesive, Deduct	*-1.05*	
07 73 00 00-0009		**Hot-Mopped, Roof Protection Board (Georgia-Pacific DensDeck®)** *(07 73 00 00-0001)*		
07 73 00 00-0010	SF	1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®)	4.37	0.69
07 73 00 00-0011	SF	1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®)	4.99	0.75
07 73 00 00-0012	SF	5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®)	5.29	0.82
07 73 00 00-0013	SF	1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime)	4.43	0.69
07 73 00 00-0014	SF	1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime)	5.08	0.75
07 73 00 00-0015	SF	5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime)	5.38	0.82
07 73 00 00-0016		**Mechanically Fastened, Roof Protection Board (Georgia-Pacific DensDeck®)** *(07 73 00 00-0001)* Note: Mechanically fastened to wood or steel.		
07 73 00 00-0017	SF	1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®)	4.33	0.69
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.26*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.45*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 73 00 00-0018	SF	1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®)	4.91	0.75
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.36*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.55*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 73 00 00-0019	SF	5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®)	5.20	0.82
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.44*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.63*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 73 00 00-0020	SF	1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime)	4.40	0.69
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.26*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.45*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 73 00 00-0021	SF	1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime)	5.01	0.75
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.36*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.55*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 73 00 00-0022	SF	5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime)	5.30	0.82
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.44*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.63*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	

07 76 Roof Pavers *(07 70)*

07 76 16 Roof Decking Pavers *(07 76)*

07 76 16 00-0001 Roof Pavers *(07 76 16)*

Note: For walkway application over roofing system.

07 76 16 00-0002	SF	Up To 100 SF, 2" Concrete Roof Paver	13.53	8.55
		For 1-1/2" Thickness, Deduct	*-1.35*	
		For 2-1/2" Thickness, Add	*1.47*	
		For 3" Thickness, Add	*2.94*	
07 76 16 00-0003	SF	>100 To 200 SF, 2" Concrete Roof Paver	12.08	6.45
		For 1-1/2" Thickness, Deduct	*-1.21*	
		For 2-1/2" Thickness, Add	*1.32*	
		For 3" Thickness, Add	*2.64*	
07 76 16 00-0004	SF	>200 To 400 SF, 2" Concrete Roof Paver	11.30	5.13
		For 1-1/2" Thickness, Deduct	*-1.13*	
		For 2-1/2" Thickness, Add	*1.23*	
		For 3" Thickness, Add	*2.47*	
07 76 16 00-0005	SF	>400 To 1,000 SF, 2" Concrete Roof Paver	10.86	4.48
		For 1-1/2" Thickness, Deduct	*-1.09*	
		For 2-1/2" Thickness, Add	*1.18*	
		For 3" Thickness, Add	*2.37*	
07 76 16 00-0006	SF	>1,000 SF, 2" Concrete Roof Paver	10.26	4.08
		For 1-1/2" Thickness, Deduct	*-1.03*	
		For 2-1/2" Thickness, Add	*1.12*	
		For 3" Thickness, Add	*2.24*	

07 76 16 00-0007 Roof Paver Pedestal *(07 76 16)*

07 76 16 00-0008	EA	2" To 3" High Adjustable Roof Paver Pedestal, 2" Base, 2" Top (Hanover Elevator)	27.89	1.36
07 76 16 00-0009	EA	3" To 4-3/4" High Adjustable Roof Paver Pedestal, 3" Base, 3" Top (Hanover Elevator)	29.25	1.36
07 76 16 00-0010	EA	4-3/4" To 7-3/4" High Adjustable Roof Paver Pedestal, 4" Base, 4" Top (Hanover Elevator)	30.62	1.36
07 76 16 00-0011	EA	Adjustable Roof Paver Pedestal Coupler, Adds 2-1/2" To 4" (Hanover Elevator)	15.46	1.36
07 76 16 00-0012	EA	Stay Bar, Used With Roof Paver Pedestals >16' High (Hanover Elevator)	13.94	1.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 76 16 00-0013	EA	5/8" High Tab Roof Paver Pedestal (Hanover High Tab Pedestal) Note: Stackable.	14.27	1.36
07 76 16 00-0014	EA	1/16" And 1/8" Flexible Leveling Plates For Roof Paver Pedestal Note: Used with High Tab and Elevator pedestals.	8.02	1.36
07 76 16 00-0015	EA	Roof Paver Leveling System, Twist To Adjust Pitch (Hanover Compensator) Note: Each Compensator levels 1/8" of slope and are stackable. Used with High Tab and Elevator pedestals.	10.77	1.36

07 76 19 Composite Insulation Concrete Protection Board *(07 76)*

Note: Manufactured by T. Clear Corp. 25 year warranty.

07 76 19 00-0001 Composite Insulation Concrete Protection Board *(07 76 19)*

Note: Manufactured by T. Clear Corp. 25 year warranty.

07 76 19 00-0002	SF	2" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 Pounds Per Square Foot (PSF)	6.59
		For 20 Year Warranty, Deduct	*-0.38*
		For 15 Year Warranty, Deduct	*-0.77*
		For 10 Year Warranty, Deduct	*-1.04*
		For Winds >90 MPH To 120 MPH Warranty, Add	*0.10*
07 76 19 00-0003	SF	3" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 Pounds Per Square Foot (PSF)	8.57
		For 20 Year Warranty, Deduct	*-0.54*
		For 15 Year Warranty, Deduct	*-1.10*
		For 10 Year Warranty, Deduct	*-1.48*
		For Winds >90 MPH To 120 MPH Warranty, Add	*0.10*
07 76 19 00-0004	SF	2" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 Pounds Per Square Foot (PSF)	10.09
		For 20 Year Warranty, Deduct	*-0.63*
		For 15 Year Warranty, Deduct	*-1.27*
		For 10 Year Warranty, Deduct	*-1.72*
		For Winds >90 MPH To 120 MPH Warranty, Add	*0.10*
07 76 19 00-0005	SF	3" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 Pounds Per Square Foot (PSF)	12.16
		For 20 Year Warranty, Deduct	*-0.79*
		For 15 Year Warranty, Deduct	*-1.60*
		For 10 Year Warranty, Deduct	*-2.16*
		For Winds >90 MPH To 120 MPH Warranty, Add	*0.10*

07 80 Fire and Smoke Protection *(07)*

07 81 Applied Fireproofing *(07 80)*

Note: Includes bonding agents as required.

07 81 16 Cementitious Fireproofing *(07 81)*

07 81 16 00-0001 Monokote Fireproofing *(07 81 16)*

07 81 16 00-0002	SF	Monokote Fireproofing For Ceiling/Decking, Per Inch Of Thickness	2.39	0.84
		For >10,000, Deduct	*-0.16*	
07 81 16 00-0003	SF	Monokote Fireproofing For Structural Steel/Beams, Per Inch Of Thickness	3.35	1.25
		For >10,000, Deduct	*-0.21*	
07 81 16 00-0004	SF	Monokote Fireproofing For Columns, Per Inch Of Thickness	3.79	1.25
		For >10,000, Deduct	*-0.23*	

07 81 16 00-0005 Gunite Fireproofing *(07 81 16)*

07 81 16 00-0006	SF	Non-Reinforced, Gunite Fireproofing, For Structural Steel/Beams, Per Inch Of Thickness	4.41	0.79
		For >10,000, Deduct	*-0.36*	
07 81 16 00-0007	SF	Non-Reinforced, Gunite Fireproofing, For Columns, Per Inch Of Thickness	4.91	0.79
		For >10,000, Deduct	*-0.39*	
07 81 16 00-0008	SF	Non-Reinforced, Gunite Fireproofing, For Ceiling/Decking, Per Inch Of Thickness	3.96	0.79
		For >10,000, Deduct	*-0.34*	
07 81 16 00-0009	SF	Reinforced, Gunite Fireproofing, For Ceiling/Decking, Per Inch Of Thickness	5.71	0.79
		For >10,000, Deduct	*-0.52*	
07 81 16 00-0010	SF	Reinforced, Gunite Fireproofing, For Structural Steel/Beams, Per Inch Of Thickness	6.16	0.79
		For >10,000, Deduct	*-0.54*	
07 81 16 00-0011	SF	Reinforced, Gunite Fireproofing, For Columns, Per Inch Of Thickness	6.66	0.79
		For >10,000, Deduct	*-0.56*	

07 81 23 Intumescent Fireproofing *(07 81)*

07 81 23 00-0001 Intumescent Thin Film Fireproofing (Albi Clad TF) *(07 81 23)*

07 81 23 00-0002 Intumescent Thin Film Fireproofing For Beams (Albi Clad TF) *(07 81 23 00-0001)*

Note: Excludes primer.

07 81 23 00-0003	SF	1 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF)	18.27	
		For >10,000, Deduct	*-1.76*	
07 81 23 00-0004	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF)	29.50	
		For >10,000, Deduct	*-2.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 81 23 00-0005		Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF) *(07 81 23 00-0001)*		
		Note: Excludes primer.		
07 81 23 00-0006	SF	1 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	11.75	
		For >10,000, Deduct	*-1.11*	
07 81 23 00-0007	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	26.38	
		For >10,000, Deduct	*-2.57*	
07 81 23 00-0008	SF	2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	60.08	
		For >10,000, Deduct	*-5.93*	
07 81 23 00-0009	SF	2-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	82.80	
		For >10,000, Deduct	*-8.20*	
07 81 23 00-0010	SF	3 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	105.55	
		For >10,000, Deduct	*-10.47*	
07 81 23 00-0011	SF	3-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	128.32	
		For >10,000, Deduct	*-12.74*	
07 81 23 00-0012		Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF) *(07 81 23 00-0001)*		
		Note: Excludes primer.		
07 81 23 00-0013	SF	1 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	24.03	
		For >10,000, Deduct	*-2.33*	
07 81 23 00-0014	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	44.88	
		For >10,000, Deduct	*-4.42*	
07 81 23 00-0015	SF	2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	71.41	
		For >10,000, Deduct	*-7.06*	
07 81 23 00-0016	SF	2-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	99.82	
		For >10,000, Deduct	*-9.90*	
07 81 23 00-0017	SF	3 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	126.34	
		For >10,000, Deduct	*-12.55*	
07 81 23 00-0018		Intumescent Thin Film Fireproofing (Albi Clad FP) *(07 81 23)*		
07 81 23 00-0019		Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP) *(07 81 23 00-0018)*		
		Note: Excludes primer.		
07 81 23 00-0020	SF	1 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	11.59	
		For >10,000, Deduct	*-1.11*	
07 81 23 00-0021	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	26.64	
		For >10,000, Deduct	*-2.61*	
07 81 23 00-0022	SF	2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	61.30	
		For >10,000, Deduct	*-6.08*	
07 81 23 00-0023	SF	2-1/2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	84.67	
		For >10,000, Deduct	*-8.41*	
07 81 23 00-0024	SF	3 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	108.07	
		For >10,000, Deduct	*-10.74*	

07 81 33 Mineral-Fiber Fireproofing *(07 81)*

07 81 33 00-0001		Cellulose Fireproofing *(07 81 33)*		
07 81 33 00-0002	SF	Cellulose Fireproofing, Per Inch Of Thickness	2.77	0.75

07 84 Firestopping *(07 80)*

07 84 13 Penetration Firestopping *(07 84)*

07 84 13 16 Penetration Firestopping Devices *(07 84 13)*

07 84 13 16-0001		Firestopping Systems For Cable Penetrations *(07 84 13 16)*		
07 84 13 16-0002		Intumescent Firestop Cable Sleeve For New Installations *(07 84 13 16-0001)*		
		Note: Includes putty, escutcheon plates, gaskets and bushings.		
07 84 13 16-0003	EA	1" Diameter Intumescent Firestop Sleeve (STI FS100)	68.34	
07 84 13 16-0004	EA	2" Diameter Intumescent Firestop Sleeve (STI FS201)	92.93	
07 84 13 16-0005	EA	4" Diameter Intumescent Firestop Sleeve (STI FS401)	152.75	
07 84 13 16-0006		Intumescent Firestop Cable Pathway For New Or Existing Cable Installations *(07 84 13 16-0001)*		
		Note: Includes pathway, putty and wall/floor mounting plates.		
07 84 13 16-0007	EA	1-1/64" x 1-1/64" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZD22)	127.57	
07 84 13 16-0008	EA	3" x 3" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZDP33FWS)	225.68	
07 84 13 16-0009	EA	4" x 4-5/8" Intumescent Firestop Cable Pathway Through Up To 10" Thick Walls (STI EZDP44)	415.54	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 13 16-0010		**3M Intumescent Firestopping Multi-Trade Pass Through Device** *(07 84 13 16)*		
07 84 13 16-0011	EA	2-1/2" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD)	288.29	
07 84 13 16-0012	EA	4" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP4SD)	266.56	
07 84 13 16-0013	EA	4" Diameter Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD)	274.81	
07 84 13 16-0014		**Intumescent Firestopping Pipe Collar** *(07 84 13 16)*		
07 84 13 16-0015	EA	1-1/2" Diameter, Intumescent Firestop Pipe Collar (3M ULTRAPPD1.5)	43.83	12.47
07 84 13 16-0016	EA	2" Diameter, Intumescent Firestop Pipe Collar (3M ULTRAPPD2.0)	52.93	12.47
07 84 13 16-0017	EA	3" Diameter, Intumescent Firestop Pipe Collar (3M ULTRAPPD3.0)	61.60	13.71
07 84 13 16-0018	EA	4" Diameter, Intumescent Firestop Pipe Collar (3M ULTRAPPD4.0)	96.61	15.58
07 84 13 16-0019	EA	8" Diameter, Intumescent Firestop Pipe Collar (Hilti CP644 8")	476.61	18.70
07 84 13 16-0020	EA	10" Diameter, Intumescent Firestop Pipe Collar (Hilti CP644 10")	615.86	20.57
07 84 13 16-0021		**Fire Rated Enclosures (Fire Rated Product Specialties Corp.)** *(07 84 13 16)* Note: Includes fasteners. Excludes additional perimeter caulk where required. See CSI section 07 84 43 00-0001 for perimeter sealant caulk where required.		
07 84 13 16-0022	EA	12.2" Wide x 20.2" Long x 9.5" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-12-20-9) Note: Used for recessed lighting, speakers, controls, valves, plumbing drain terminations, etc.	174.36	
07 84 13 16-0023	EA	15.2" Wide x 16.2" Long x 9.5" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-15-16-9) Note: Used for recessed lighting, speakers, controls, valves, plumbing drain terminations, etc.	185.51	
07 84 13 16-0024	EA	11.8" Wide x 19.8" Long x 9.12" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-12-20-9-EXH) Note: Includes 4" duct connector. For use with bathroom ventilation and exhaust fans.	372.42	
07 84 13 16-0025	EA	14.0" Wide x 14.0" Long x 3.2" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-14-14-3) Note: Used for shut-off valves, shower and tub valves, washer boxes, icemaker water feeds, speakers, controls, junction boxes, etc.	234.56	
07 84 13 16-0026		**Intumescent Firestopping Wrap Strips** *(07 84 13 16)*		
07 84 13 16-0027	LF	1/8" Thick, 1-1/2" Wide, Intumescent Firestopping Wrap Strip (STI SpecSeal SSW Series)	7.06	
07 84 13 19		**Penetration Firestopping Caulk** *(07 84 13)*		
07 84 13 19-0001		**Intumescent Firestopping For Sealing Pipe Penetrations (3M CP 25WB+)** *(07 84 13 19)* Note: Includes firestop caulk and batt for floor or ceiling penetration or one side of a wall penetration. 1/2" thick caulk for annular spaces 1" and less. 1" thick caulk for annular spaces 1-1/4" or more.		
07 84 13 19-0002	EA	1" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	23.19	
		For Intumescent Sealant For Plastic Pipe, Add	*0.08*	
07 84 13 19-0003	EA	1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	28.64	
		For Intumescent Sealant For Plastic Pipe, Add	*0.41*	
07 84 13 19-0004	EA	1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	28.38	
		For Intumescent Sealant For Plastic Pipe, Add	*0.31*	
07 84 13 19-0005	EA	1-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	27.95	
		For Intumescent Sealant For Plastic Pipe, Add	*0.14*	
07 84 13 19-0006	EA	2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	33.28	
		For Intumescent Sealant For Plastic Pipe, Add	*0.88*	
07 84 13 19-0007	EA	2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	33.01	
		For Intumescent Sealant For Plastic Pipe, Add	*0.78*	
07 84 13 19-0008	EA	2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	32.58	
		For Intumescent Sealant For Plastic Pipe, Add	*0.60*	
07 84 13 19-0009	EA	2" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	31.91	
		For Intumescent Sealant For Plastic Pipe, Add	*0.34*	
07 84 13 19-0010	EA	2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	31.33	
		For Intumescent Sealant For Plastic Pipe, Add	*0.10*	
07 84 13 19-0011	EA	2-1/2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	40.52	
		For Intumescent Sealant For Plastic Pipe, Add	*1.48*	
07 84 13 19-0012	EA	2-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	40.26	
		For Intumescent Sealant For Plastic Pipe, Add	*1.38*	
07 84 13 19-0013	EA	2-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	39.82	
		For Intumescent Sealant For Plastic Pipe, Add	*1.20*	
07 84 13 19-0014	EA	2-1/2" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	39.15	
		For Intumescent Sealant For Plastic Pipe, Add	*0.94*	
07 84 13 19-0015	EA	2-1/2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	38.58	
		For Intumescent Sealant For Plastic Pipe, Add	*0.71*	
07 84 13 19-0016	EA	2-1/2" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	37.22	
		For Intumescent Sealant For Plastic Pipe, Add	*0.16*	
07 84 13 19-0017	EA	3" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	56.01	
		For Intumescent Sealant For Plastic Pipe, Add	*4.00*	
07 84 13 19-0018	EA	3" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	51.31	
		For Intumescent Sealant For Plastic Pipe, Add	*2.12*	
07 84 13 19-0019	EA	3" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	50.88	
		For Intumescent Sealant For Plastic Pipe, Add	*1.94*	
07 84 13 19-0020	EA	3" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	50.20	
		For Intumescent Sealant For Plastic Pipe, Add	*1.67*	
07 84 13 19-0021	EA	3" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	49.63	
		For Intumescent Sealant For Plastic Pipe, Add	*1.44*	
07 84 13 19-0022	EA	3" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	48.27	
		For Intumescent Sealant For Plastic Pipe, Add	*0.90*	
07 84 13 19-0023	EA	3" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	46.51	
		For Intumescent Sealant For Plastic Pipe, Add	*0.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 13 19-0024	EA	4" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	75.95	
		For Intumescent Sealant For Plastic Pipe, Add	*7.37*	
07 84 13 19-0025	EA	4" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	75.47	
		For Intumescent Sealant For Plastic Pipe, Add	*7.18*	
07 84 13 19-0026	EA	4" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	74.70	
		For Intumescent Sealant For Plastic Pipe, Add	*6.87*	
07 84 13 19-0027	EA	4" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	73.48	
		For Intumescent Sealant For Plastic Pipe, Add	*6.38*	
07 84 13 19-0028	EA	4" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	72.45	
		For Intumescent Sealant For Plastic Pipe, Add	*5.97*	
07 84 13 19-0029	EA	4" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	64.45	
		For Intumescent Sealant For Plastic Pipe, Add	*2.77*	
07 84 13 19-0030	EA	4" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	62.70	
		For Intumescent Sealant For Plastic Pipe, Add	*2.07*	
07 84 13 19-0031	EA	4" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	60.03	
		For Intumescent Sealant For Plastic Pipe, Add	*1.00*	
07 84 13 19-0032	EA	6" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	123.06	
		For Intumescent Sealant For Plastic Pipe, Add	*17.01*	
07 84 13 19-0033	EA	6" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	122.59	
		For Intumescent Sealant For Plastic Pipe, Add	*16.82*	
07 84 13 19-0034	EA	6" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	121.81	
		For Intumescent Sealant For Plastic Pipe, Add	*16.51*	
07 84 13 19-0035	EA	6" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	120.60	
		For Intumescent Sealant For Plastic Pipe, Add	*16.02*	
07 84 13 19-0036	EA	6" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	119.57	
		For Intumescent Sealant For Plastic Pipe, Add	*15.61*	
07 84 13 19-0037	EA	6" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	117.12	
		For Intumescent Sealant For Plastic Pipe, Add	*14.63*	
07 84 13 19-0038	EA	6" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	113.96	
		For Intumescent Sealant For Plastic Pipe, Add	*13.37*	
07 84 13 19-0039	EA	6" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	109.16	
		For Intumescent Sealant For Plastic Pipe, Add	*11.45*	
07 84 13 19-0040	EA	6" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	91.09	
		For Intumescent Sealant For Plastic Pipe, Add	*4.22*	
07 84 13 19-0041	EA	8" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	164.93	
		For Intumescent Sealant For Plastic Pipe, Add	*26.86*	
07 84 13 19-0042	EA	8" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	160.13	
		For Intumescent Sealant For Plastic Pipe, Add	*24.94*	
07 84 13 19-0043	EA	8" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	150.49	
		For Intumescent Sealant For Plastic Pipe, Add	*21.08*	
07 84 13 19-0044	EA	8" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	111.20	
		For Intumescent Sealant For Plastic Pipe, Add	*5.37*	
07 84 13 19-0045	EA	10" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	211.14	
		For Intumescent Sealant For Plastic Pipe, Add	*38.44*	
07 84 13 19-0046	EA	10" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	182.56	
		For Intumescent Sealant For Plastic Pipe, Add	*27.01*	
07 84 13 19-0047	EA	10" Diameter Hole With 8" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	132.13	
		For Intumescent Sealant For Plastic Pipe, Add	*6.84*	

07 84 13 19-0048 Smoke, Noise And Infectious/Dust Control Sealant For Sealing Pipe Penetrations *(07 84 13 19)*

Note: Includes sealant and fiberglass or mineral wool batt for floor, ceiling or wall penetrations.

07 84 13 19-0049	EA	1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	27.96
07 84 13 19-0050	EA	1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	27.86
07 84 13 19-0051	EA	1-1/2" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	27.73
07 84 13 19-0052	EA	2" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	31.81
07 84 13 19-0053	EA	2" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	31.71
07 84 13 19-0054	EA	2" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	31.57
07 84 13 19-0055	EA	2" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	31.36
07 84 13 19-0056	EA	2" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	31.17
07 84 13 19-0057	EA	2.5" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	38.09
07 84 13 19-0058	EA	2.5" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	37.99
07 84 13 19-0059	EA	2.5" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	37.85
07 84 13 19-0060	EA	2.5" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	37.64
07 84 13 19-0061	EA	2.5" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	37.46
07 84 13 19-0062	EA	2.5" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	36.99
07 84 13 19-0063	EA	3" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	47.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 13 19-0064	EA	3" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	47.82	
07 84 13 19-0065	EA	3" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	47.68	
07 84 13 19-0066	EA	3" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	47.47	
07 84 13 19-0067	EA	3" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	47.28	
07 84 13 19-0068	EA	3" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	46.81	
07 84 13 19-0069	EA	3" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	46.16	
07 84 13 19-0070	EA	4" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	61.04	
07 84 13 19-0071	EA	4" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	60.94	
07 84 13 19-0072	EA	4" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	60.80	
07 84 13 19-0073	EA	4" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	60.57	
07 84 13 19-0074	EA	4" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	60.35	
07 84 13 19-0075	EA	4" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	59.89	
07 84 13 19-0076	EA	4" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	59.29	
07 84 13 19-0077	EA	4" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	58.36	
07 84 13 19-0078	EA	6" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	88.65	
07 84 13 19-0079	EA	6" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	88.54	
07 84 13 19-0080	EA	6" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	88.41	
07 84 13 19-0081	EA	6" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	88.20	
07 84 13 19-0082	EA	6" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	88.02	
07 84 13 19-0083	EA	6" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	87.55	
07 84 13 19-0084	EA	6" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	86.90	
07 84 13 19-0085	EA	6" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	86.03	
07 84 13 19-0086	EA	6" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	84.13	
07 84 13 19-0087	EA	8" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	110.59	
07 84 13 19-0088	EA	8" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	109.71	
07 84 13 19-0089	EA	8" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	107.80	
07 84 13 19-0090	EA	8" Diameter Hole With 6" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	102.42	
07 84 13 19-0091	EA	10" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	133.37	
07 84 13 19-0092	EA	10" Diameter Hole With 6" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	127.98	
07 84 13 19-0093	EA	10" Diameter Hole With 8" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	120.86	

07 84 16 Annular Space Firestopping Protection *(07 84)*

07 84 16 00-0001 Intumescent Firestopping For Electrical Outlet Boxes *(07 84 16)*

07 84 16 00-0002 Intumescent Putty Pads For Wrapping Outlet Box Exteriors *(07 84 16 00-0001)*

07 84 16 00-0003	EA	1 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	37.45
07 84 16 00-0004	EA	2 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	54.21
07 84 16 00-0005	EA	3 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	56.51
07 84 16 00-0006	EA	4 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	58.81
07 84 16 00-0007	EA	5 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	61.11
07 84 16 00-0008	EA	6 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	77.87

07 84 16 00-0009 Intumescent Firestop Gasket For Wall Plates *(07 84 16 00-0001)*

07 84 16 00-0010	EA	Single Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66276)	14.99
07 84 16 00-0011	EA	Double Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66274)	15.60
07 84 16 00-0012	EA	Single Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66272)	14.47
07 84 16 00-0013	EA	Double Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66270)	15.64
07 84 16 00-0014	EA	Single Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66266)	15.18
07 84 16 00-0015	EA	Double Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66265)	14.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 16 00-0016		**Intumescent Fire Barrier Pillows For Sealing Large Openings** *(07 84 16)*		
07 84 16 00-0017	EA	2" x 4" x 9" Intumescent Fire Barrier Pillow (3M FB249)	40.38	
07 84 16 00-0018	EA	2" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB269)	43.35	
07 84 16 00-0019	EA	3" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB369)	47.01	
07 84 16 00-0020		**Intumescent Fire Barrier Sheets For Sealing Large Openings** *(07 84 16)*		
		Note: Price includes intumescent sheet, mounting fasteners and caulk for sealing one side of an opening.		
07 84 16 00-0021	EA	16" x 28" Intumescent Firestop Sheet (3M CS-195+16x28)	360.44	
07 84 16 00-0022	EA	36" x 24" Intumescent Firestop Sheet (3M CS-195+3x2)	512.41	
07 84 16 00-0023	EA	36" x 36" Intumescent Firestop Sheet (3M CS-195+3x3)	697.25	
07 84 16 00-0024		**Endothermic Mat Wrap Fire Barrier** *(07 84 16)*		
		Note: Price includes endothermic mat wrap and sealant. Excludes cavity fill material; putty or fireproof caulk/sealant. See CSI section 07 84 16 00-0026 for filling openings.		
07 84 16 00-0025	SF	0.408" Thick Aluminum Foil Faced Endothermic Mat (3M Interam E-5A-4)	53.90	
07 84 16 00-0026		**Firestopping Caulk For Filling Opening** *(07 84 16)*		
07 84 16 00-0027	GAL	Latex Based Intumescent Fire Barrier Sealant (3M CP-25WB+)	150.97	
07 84 16 00-0028		**Firestopping Mortar For Filling Opening** *(07 84 16)*		
07 84 16 00-0029	CF	Light-Weight Portland Cement-Based Firestop Mortar (STI SpecSeal SSM Series)	189.13	
07 84 23		**Silicone Firestopping Foams** *(07 84)*		
07 84 23 00-0001		**Silicone RTV Foam Seal For Blank Openings** *(07 84 23)*		
		Note: Includes 7" depth of silicone foam barrier and 1" depth backer board		
07 84 23 00-0002	EA	2" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	44.78	
07 84 23 00-0003	EA	4" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	99.32	
07 84 23 00-0004	EA	6" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	179.04	
07 84 23 00-0005	EA	8" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	269.36	
07 84 23 00-0006	EA	10" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	384.72	
07 84 23 00-0007	EA	12" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	522.30	
07 84 23 00-0008	EA	16" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	1,065.92	
07 84 23 00-0009	EA	20" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	1,595.92	
07 84 23 00-0010	EA	24" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	2,240.66	
07 84 43		**Joint Firestopping** *(07 84)*		
07 84 43 00-0001		**Intumescent Firestopping Sealant For Joints (3M CP 25WB+)** *(07 84 43)*		
07 84 43 00-0002	CLF	1/4" x 1/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	412.92	103.54
		For Up To 6 CLF, Add	*23.20*	
		For >30 CLF, Deduct	*-25.76*	
07 84 43 00-0003	CLF	1/4" x 3/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	464.11	103.54
		For Up To 4 CLF, Add	*27.04*	
		For >20 CLF, Deduct	*-30.88*	
07 84 43 00-0004	CLF	1/4" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	526.78	106.99
		For Up To 3 CLF, Add	*31.46*	
		For >15 CLF, Deduct	*-36.57*	
07 84 43 00-0005	CLF	3/8" x 3/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	552.36	106.99
		For Up To 2.5 CLF, Add	*33.37*	
		For >13 CLF, Deduct	*-39.13*	
07 84 43 00-0006	CLF	3/8" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	629.11	106.99
		For Up To 2 CLF, Add	*39.13*	
		For >10 CLF, Deduct	*-46.80*	
07 84 43 00-0007	CLF	3/8" x 5/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	705.85	106.99
		For Up To 1.5 CLF, Add	*44.89*	
		For >8 CLF, Deduct	*-54.48*	
07 84 43 00-0008	CLF	3/8" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	794.09	111.59
		For Up To 1.3 CLF, Add	*51.22*	
		For >7 CLF, Deduct	*-62.73*	
07 84 43 00-0009	CLF	1/2" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	742.93	111.59
		For Up To 1.4 CLF, Add	*47.38*	
		For >7.5 CLF, Deduct	*-57.61*	
07 84 43 00-0010	CLF	1/2" x 5/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	856.77	115.04
		For Up To 1.15 CLF, Add	*55.63*	
		For >6 CLF, Deduct	*-68.42*	
07 84 43 00-0011	CLF	1/2" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	959.09	115.04
		For Up To 1 CLF, Add	*63.30*	
		For >5 CLF, Deduct	*-78.65*	
07 84 43 00-0012	CLF	1/2" x 7/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,072.92	118.49
		For Up To 0.8 CLF, Add	*71.55*	
		For >4.5 CLF, Deduct	*-89.46*	
07 84 43 00-0013	CLF	1/2" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,186.75	123.10
		For Up To 0.75 CLF, Add	*79.80*	
		For >4 CLF, Deduct	*-100.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 43 00-0014	CLF	3/4" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,300.58	126.55
		For Up To 0.65 CLF, Add	*88.05*	
		For >3.5 CLF, Deduct	*-111.08*	
07 84 43 00-0015	CLF	3/4" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,642.07	138.06
		For Up To 0.5 CLF, Add	*112.80*	
		For >2.5 CLF, Deduct	*-143.50*	
		For Silicone Sealant (Bio Fireshield BFS 100 or 200), add	*184.19*	
07 84 43 00-0016	CLF	1" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	2,097.40	153.01
		For Up To 0.4 CLF, Add	*145.80*	
		For >2 CLF, Deduct	*-186.73*	
07 84 43 00-0017		Latex-Based, Intumescent Firestop Sealant For Joints (STI SSS Series) *(07 84 43)*		
07 84 43 00-0018	CLF	1/4" x 1/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	427.17	103.54
		For Up To 6 CLF, Add	*24.27*	
		For >30 CLF, Deduct	*-27.19*	
07 84 43 00-0019	CLF	1/4" x 3/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	485.45	103.54
		For Up To 4 CLF, Add	*28.64*	
		For >20 CLF, Deduct	*-33.01*	
07 84 43 00-0020	CLF	1/4" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	555.23	106.99
		For Up To 3 CLF, Add	*33.59*	
		For >15 CLF, Deduct	*-39.42*	
07 84 43 00-0021	CLF	3/8" x 3/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	584.37	106.99
		For Up To 2.5 CLF, Add	*35.77*	
		For >13 CLF, Deduct	*-42.33*	
07 84 43 00-0022	CLF	3/8" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	671.79	106.99
		For Up To 2 CLF, Add	*42.33*	
		For >10 CLF, Deduct	*-51.07*	
07 84 43 00-0023	CLF	3/8" x 5/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	759.20	106.99
		For Up To 1.5 CLF, Add	*48.89*	
		For >8 CLF, Deduct	*-59.81*	
07 84 43 00-0024	CLF	3/8" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	858.12	111.59
		For Up To 1.3 CLF, Add	*56.02*	
		For >7 CLF, Deduct	*-69.13*	
07 84 43 00-0025	CLF	1/2" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	799.84	111.59
		For Up To 1.4 CLF, Add	*51.65*	
		For >7.5 CLF, Deduct	*-63.30*	
07 84 43 00-0026	CLF	1/2" x 5/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	927.90	115.04
		For Up To 1.15 CLF, Add	*60.96*	
		For >6 CLF, Deduct	*-75.53*	
07 84 43 00-0027	CLF	1/2" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,044.45	115.04
		For Up To 1 CLF, Add	*69.71*	
		For >5 CLF, Deduct	*-87.19*	
07 84 43 00-0028	CLF	1/2" x 7/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,172.51	118.49
		For Up To 0.8 CLF, Add	*79.02*	
		For >4.5 CLF, Deduct	*-99.42*	
07 84 43 00-0029	CLF	1/2" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,300.57	123.10
		For Up To 0.75 CLF, Add	*88.34*	
		For >4 CLF, Deduct	*-111.65*	
07 84 43 00-0030	CLF	3/4" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,428.62	126.55
		For Up To 0.65 CLF, Add	*97.66*	
		For >3.5 CLF, Deduct	*-123.88*	
07 84 43 00-0031	CLF	3/4" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,812.80	138.06
		For Up To 0.5 CLF, Add	*125.61*	
		For >2.5 CLF, Deduct	*-160.57*	
07 84 43 00-0032	CLF	1" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	2,325.03	153.01
		For Up To 0.4 CLF, Add	*162.87*	
		For >2 CLF, Deduct	*-209.49*	
07 84 43 00-0033		Passive Smoke And Fire Protection Sealant For Joints (STI ES Series) *(07 84 43)*		
07 84 43 00-0034	CLF	1/4" x 1/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	370.91	103.54
		For Up To 6 CLF, Add	*20.05*	
		For >30 CLF, Deduct	*-21.56*	
07 84 43 00-0035	CLF	1/4" x 3/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	401.05	103.54
		For Up To 4 CLF, Add	*22.31*	
		For >20 CLF, Deduct	*-24.57*	
07 84 43 00-0036	CLF	1/4" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	442.70	106.99
		For Up To 3 CLF, Add	*25.15*	
		For >15 CLF, Deduct	*-28.16*	
07 84 43 00-0037	CLF	3/8" x 3/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	457.77	106.99
		For Up To 2.5 CLF, Add	*26.28*	
		For >13 CLF, Deduct	*-29.67*	
07 84 43 00-0038	CLF	3/8" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	502.99	106.99
		For Up To 2 CLF, Add	*29.67*	
		For >10 CLF, Deduct	*-34.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 43 00-0039	CLF	3/8" x 5/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	548.20	106.99
		For Up To 1.5 CLF, Add	*33.06*	
		For >8 CLF, Deduct	*-38.71*	
07 84 43 00-0040	CLF	3/8" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	604.92	111.59
		For Up To 1.3 CLF, Add	*37.03*	
		For >7 CLF, Deduct	*-43.81*	
07 84 43 00-0041	CLF	1/2" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	574.77	111.59
		For Up To 1.4 CLF, Add	*34.77*	
		For >7.5 CLF, Deduct	*-40.80*	
07 84 43 00-0042	CLF	1/2" x 5/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	646.57	115.04
		For Up To 1.15 CLF, Add	*39.86*	
		For >6 CLF, Deduct	*-47.40*	
07 84 43 00-0043	CLF	1/2" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	706.85	115.04
		For Up To 1 CLF, Add	*44.39*	
		For >5 CLF, Deduct	*-53.43*	
07 84 43 00-0044	CLF	1/2" x 7/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	778.64	118.49
		For Up To 0.8 CLF, Add	*49.48*	
		For >4.5 CLF, Deduct	*-60.03*	
07 84 43 00-0045	CLF	1/2" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	850.44	123.10
		For Up To 0.75 CLF, Add	*54.58*	
		For >4 CLF, Deduct	*-66.64*	
07 84 43 00-0046	CLF	3/4" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	922.22	126.55
		For Up To 0.65 CLF, Add	*59.68*	
		For >3.5 CLF, Deduct	*-73.24*	
07 84 43 00-0047	CLF	3/4" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	1,137.60	138.06
		For Up To 0.5 CLF, Add	*74.97*	
		For >2.5 CLF, Deduct	*-93.05*	
07 84 43 00-0048	CLF	1" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	1,424.76	153.01
		For Up To 0.4 CLF, Add	*95.35*	
		For >2 CLF, Deduct	*-119.47*	

07 84 56 Fire Safing *(07 84)*

07 84 56 13 Fibrous Fire Safing *(07 84 56)*

07 84 56 13-0001 Thermal Barrier Wrap *(07 84 56 13)*
Note: Includes cutting wrap to fit pipe or conduit and sealing edges.

07 84 56 13-0002	SF	1/2" Thick Fire Barrier Plenum Wrap (3M Plenum Wrap 5A)	11.31	
		For Work In Restricted Working Space, Add	*1.46*	
07 84 56 13-0003	SF	1-1/2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 15A) Note: Includes cutting wrap to fit pipe or conduit and sealing edges.	18.28	
		For Work In Restricted Working Space, Add	*1.46*	
07 84 56 13-0004	SF	2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 20A) Note: Includes cutting wrap to fit pipe or conduit and sealing edges.	19.95	
		For Work In Restricted Working Space, Add	*1.46*	

07 84 56 13-0005 FireMaster Blanket Wrap Fireproofing *(07 84 56 13)*

07 84 56 13-0006	SF	1/2" Thermal Ceramics FireMaster Blanket Wrap	20.53	11.98
		For Work In Restricted Working Space, Add	*4.81*	
		For >500 To 5,000, Deduct	*-1.83*	
		For >5,000, Deduct	*-3.27*	
07 84 56 13-0007	SF	1" Thermal Ceramics FireMaster Blanket Wrap	24.25	11.98
		For Work In Restricted Working Space, Add	*4.81*	
		For >500 To 5,000, Deduct	*-2.69*	
		For >5,000, Deduct	*-4.64*	
07 84 56 13-0008	SF	1-1/2" Thermal Ceramics FireMaster Blanket Wrap	28.33	11.98
		For Work In Restricted Working Space, Add	*4.81*	
		For >500 To 5,000, Deduct	*-3.63*	
		For >5,000, Deduct	*-6.15*	
07 84 56 13-0009	SF	2" Thermal Ceramics FireMaster Blanket Wrap	32.41	11.98
		For Work In Restricted Working Space, Add	*4.81*	
		For >500 To 5,000, Deduct	*-4.57*	
		For >5,000, Deduct	*-7.66*	

07 86 Smoke Seals *(07 80)*

07 86 00 00-0001 Food-Grade Silicone Sealant For Joints (DOW 786) *(07 86)*
Note: Mildew Resistant; Mold Resistant

07 86 00 00-0002	CLF	1/4" x 1/4" Joint, Food-Grade Sealant (DOWSIL 786)	384.57	103.54
		For Up To 6 CLF, Add	*21.08*	
		For >30 CLF, Deduct	*-22.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 86 00 00-0003	CLF	1/4" x 3/8" Joint, Food-Grade Sealant (DOWSIL 786)	421.57	103.54
		For Up To 4 CLF, Add	*23.85*	
		For >20 CLF, Deduct	*-26.63*	
07 86 00 00-0004	CLF	1/4" x 1/2" Joint, Food-Grade Sealant (DOWSIL 786)	470.05	106.99
		For Up To 3 CLF, Add	*27.20*	
		For >15 CLF, Deduct	*-30.90*	
07 86 00 00-0005	CLF	3/8" x 3/8" Joint, Food-Grade Sealant (DOWSIL 786)	488.54	106.99
		For Up To 2.5 CLF, Add	*28.59*	
		For >13 CLF, Deduct	*-32.75*	
07 86 00 00-0006	CLF	3/8" x 1/2" Joint, Food-Grade Sealant (DOWSIL 786)	544.02	106.99
		For Up To 2 CLF, Add	*32.75*	
		For >10 CLF, Deduct	*-38.30*	
07 86 00 00-0007	CLF	3/8" x 5/8" Joint, Food-Grade Sealant (DOWSIL 786)	599.49	106.99
		For Up To 1.5 CLF, Add	*36.91*	
		For >8 CLF, Deduct	*-43.84*	
07 86 00 00-0008	CLF	3/8" x 3/4" Joint, Food-Grade Sealant (DOWSIL 786)	666.46	111.59
		For Up To 1.3 CLF, Add	*41.64*	
		For >7 CLF, Deduct	*-49.96*	
07 86 00 00-0009	CLF	1/2" x 1/2" Joint, Food-Grade Sealant (DOWSIL 786)	629.48	111.59
		For Up To 1.4 CLF, Add	*38.87*	
		For >7.5 CLF, Deduct	*-46.27*	
07 86 00 00-0010	CLF	1/2" x 5/8" Joint, Food-Grade Sealant (DOWSIL 786)	714.95	115.04
		For Up To 1.15 CLF, Add	*44.99*	
		For >6 CLF, Deduct	*-54.24*	
07 86 00 00-0011	CLF	1/2" x 3/4" Joint, Food-Grade Sealant (DOWSIL 786)	788.91	115.04
		For Up To 1 CLF, Add	*50.54*	
		For >5 CLF, Deduct	*-61.63*	
07 86 00 00-0012	CLF	1/2" x 7/8" Joint, Food-Grade Sealant (DOWSIL 786)	874.38	118.49
		For Up To 0.8 CLF, Add	*56.66*	
		For >4.5 CLF, Deduct	*-69.61*	
07 86 00 00-0013	CLF	1/2" x 1" Joint, Food-Grade Sealant (DOWSIL 786)	959.85	123.10
		For Up To 0.75 CLF, Add	*62.79*	
		For >4 CLF, Deduct	*-77.58*	
07 86 00 00-0014	CLF	3/4" x 3/4" Joint, Food-Grade Sealant (DOWSIL 786)	1,045.31	126.55
		For Up To 0.65 CLF, Add	*68.91*	
		For >3.5 CLF, Deduct	*-85.55*	
07 86 00 00-0015	CLF	3/4" x 1" Joint, Food-Grade Sealant (DOWSIL 786)	1,301.72	138.06
		For Up To 0.5 CLF, Add	*87.27*	
		For >2.5 CLF, Deduct	*-109.46*	
07 86 00 00-0016	CLF	1" x 1" Joint, Food-Grade Sealant (DOWSIL 786)	1,643.59	153.01
		For Up To 0.4 CLF, Add	*111.76*	
		For >2 CLF, Deduct	*-141.35*	

07 90 Joint Protection *(07)*

07 91 Preformed Joint Seals *(07 90)*

07 91 23 Backer Rods *(07 91)*

07 91 23 00-0001 Backer Rods *(07 91 23)*

07 91 23 00-0002	LF	1/4" Polyethylene Or Polyurethane Backer Rod	2.50	0.68
07 91 23 00-0003	LF	3/8" Polyethylene Or Polyurethane Backer Rod	2.70	0.68
07 91 23 00-0004	LF	1/2" Polyethylene Or Polyurethane Backer Rod	3.01	0.68
07 91 23 00-0005	LF	5/8" Polyethylene Or Polyurethane Backer Rod	3.52	0.68
07 91 23 00-0006	LF	3/4" Polyethylene Or Polyurethane Backer Rod	3.68	0.81
07 91 23 00-0007	LF	7/8" Polyethylene Or Polyurethane Backer Rod	4.12	0.81
07 91 23 00-0008	LF	1" Polyethylene Or Polyurethane Backer Rod	5.26	0.81
07 91 23 00-0009	LF	1-1/4" Polyethylene Or Polyurethane Backer Rod	6.35	0.95
07 91 23 00-0010	LF	1-1/2" Polyethylene Or Polyurethane Backer Rod	7.56	1.08
07 91 23 00-0011	LF	2" Polyethylene Or Polyurethane Backer Rod	10.45	1.22
07 91 23 00-0012	LF	3" Polyethylene Or Polyurethane Backer Rod	21.79	1.50

07 91 26 Joint Fillers *(07 91)*

07 91 26 00-0001 Butyl Rubber Fillers *(07 91 26)*

07 91 26 00-0002	LF	1/4" x 1/4" Butyl Rubber Filler	3.16	0.81
		For Custom Match Coloring, Add	*0.06*	
07 91 26 00-0003	LF	1/2" x 1/2" Butyl Rubber Filler	9.55	2.31
		For Custom Match Coloring, Add	*0.24*	
07 91 26 00-0004	LF	1/2" x 3/4" Butyl Rubber Filler	11.62	2.45
		For Custom Match Coloring, Add	*0.37*	
07 91 26 00-0005	LF	3/4" x 3/4" Butyl Rubber Filler	12.73	2.58
07 91 26 00-0006	LF	1" x 1" Butyl Rubber Filler	17.23	4.76

07 91 26 00-0007 Closed Cell Neoprene *(07 91 26)*

07 91 26 00-0008	CLF	1/8" x 3" Neoprene Gasket Closed Cell, Adhesive	538.29	156.86
07 91 26 00-0009	CLF	1/8" x 6" Neoprene Gasket Closed Cell, Adhesive	848.11	226.60
07 91 26 00-0010	CLF	1/4" x 3" Neoprene Gasket Closed Cell, Adhesive	685.65	194.25
07 91 26 00-0011	CLF	1/4" x 6" Neoprene Gasket Closed Cell, Adhesive	777.77	203.89
07 91 26 00-0012	CLF	1/2" x 6" Neoprene Gasket Closed Cell, Adhesive	1,187.85	313.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 91 26 00-0013	CLF	1/2" x 9" Neoprene Gasket Closed Cell, Adhesive	1,347.91	339.82
07 91 26 00-0014	CLF	1/2" x 12" Neoprene Gasket Closed Cell, Adhesive	1,182.00	247.12
07 91 26 00-0015		**Closed Cell Polyvinyl Chloride** *(07 91 26)*		
07 91 26 00-0016	CLF	1/8" x 3" Polyethylene Joint Backing, Closed Cell	565.37	194.25
07 91 26 00-0017	CLF	1/8" x 6" Polyethylene Joint Backing, Closed Cell	1,010.57	313.73
07 91 26 00-0018	CLF	1/4" x 3" Polyethylene Joint Backing, Closed Cell	754.84	267.78
07 91 26 00-0019	CLF	1/4" x 6" Polyethylene Joint Backing, Closed Cell	949.25	282.73
07 91 26 00-0020	CLF	1/2" x 6" Polyethylene Joint Backing, Closed Cell	1,442.07	433.62
07 91 26 00-0021	CLF	1/2" x 9" Polyethylene Joint Backing, Closed Cell	1,723.97	470.58
07 91 26 00-0022	CLF	1/2" x 12" Polyethylene Joint Backing, Closed Cell	2,340.73	564.10
07 91 26 00-0023		**Silicon RTV Foam Penetration Seal** *(07 91 26)*		
07 91 26 00-0024	CLF	1/4" x 1/2" Silicon RTV Foam Seal	173.98	31.13
07 91 26 00-0025	CLF	1/2" x 1/2" Silicon RTV Foam Seal	347.95	62.12
07 91 26 00-0026	CLF	1/2" x 3/4" Silicon RTV Foam Seal	518.41	92.30
07 91 26 00-0027	CLF	3/4" x 3/4" Silicon RTV Foam Seal	731.13	124.38
07 91 26 00-0028	CLF	1/8" x 1" Silicon RTV Foam Seal	173.98	31.13
07 91 26 00-0029	CLF	1/8" x 3" Silicon RTV Foam Seal	517.86	92.03
07 91 26 00-0030	CLF	1/4" x 3" Silicon RTV Foam Seal	882.73	138.24
07 91 26 00-0031	CLF	1/4" x 6" Silicon RTV Foam Seal	1,763.01	275.52
07 91 26 00-0032	CLF	1/2" x 6" Silicon RTV Foam Seal	3,338.77	497.37
07 91 26 00-0033	CLF	1/2" x 9" Silicon RTV Foam Seal	5,108.13	776.97
07 91 26 00-0034	CLF	1/2" x 12" Silicon RTV Foam Seal	7,522.41	1,243.21
07 91 26 00-0035		**Seals O-Ring Type Cord "J-Seal"** *(07 91 26)*		
07 91 26 00-0036	LF	1/4" Seals O-Ring Cord, J-Seal	5.82	1.77
07 91 26 00-0037	LF	1/2" Seals O-Ring Cord, J-Seal	6.16	1.77
07 91 26 00-0038	LF	3/4" Seals O-Ring Cord, J-Seal	6.47	1.92
07 91 26 00-0039	LF	1" Seals O-Ring Cord, J-Seal	6.82	2.05
07 91 26 00-0040	LF	1-1/4" Seals O-Ring Cord, J-Seal	7.29	2.19
07 91 26 00-0041	LF	1-1/2" Seals O-Ring Cord, J-Seal	7.61	2.19
07 91 26 00-0042	LF	1-3/4" Seals O-Ring Cord, J-Seal	8.03	2.32
07 91 26 00-0043	LF	2" Seals O-Ring Cord, J-Seal	8.28	2.32

07 91 33 Expansion Joint Seal Systems *(07 91)*

07 91 33 00-0001 Expansion Joint Seal Systems (Wabo®) *(07 91 33)*

07 91 33 00-0002 Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal Systems (Wabo® HSeal) *(07 91 33 00-0001)*

Note: Includes a pre-compressed seal, epoxy adhesive and traffic grade elastomeric top coating.

07 91 33 00-0003	LF	1/2" Minimum, 1-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 25EH)	97.29	7.30
07 91 33 00-0004	LF	3/4" Minimum, 2-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 40EH)	131.54	7.65
07 91 33 00-0005	LF	1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 50EH)	167.66	7.99
07 91 33 00-0006	LF	1-1/4" Minimum, 3-3/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 65EH)	207.88	8.35
07 91 33 00-0007	LF	1-1/2" Minimum, 4-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 75EH)	271.09	8.70
07 91 33 00-0008	LF	1-3/4" Minimum, 5-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 90EH)	312.00	9.04
07 91 33 00-0009	LF	2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 100EH)	362.79	9.39

07 91 33 00-0010 Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal Systems (Wabo® CompressionSeal) *(07 91 33 00-0001)*

Note: Includes preformed neoprene joint seal and lubricant adhesive.

07 91 33 00-0011	LF	0.625" Minimum, 1.381" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-162)	47.40	7.30
07 91 33 00-0012	LF	0.688" Minimum, 1.488" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-175)	52.11	7.41
07 91 33 00-0013	LF	0.875" Minimum, 1.700" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-200)	63.96	7.51
07 91 33 00-0014	LF	0.953" Minimum, 1.913" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-225)	68.09	7.65
07 91 33 00-0015	LF	1.000" Minimum, 2.125" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-250)	73.03	7.75
07 91 33 00-0016	LF	1.125" Minimum, 2.550" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-300)	90.62	7.86
07 91 33 00-0017	LF	1.375" Minimum, 2.975" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-350)	112.90	7.99
07 91 33 00-0018	LF	1.625" Minimum, 3.400" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-400)	134.28	8.35

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 91 33 00-0019	LF	1.687" Minimum, 4.250" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-500)	152.53	8.70
07 91 33 00-0020		**Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal Systems (Wabo® CompressionSeal)** *(07 91 33 00-0001)*		
		Note: Includes preformed Santoprene® joint seal and lubricant adhesive.		
07 91 33 00-0021	LF	0.500" Minimum, 1.500" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-100)	38.90	7.30
07 91 33 00-0022	LF	0.688" Minimum, 1.938" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-225)	51.78	7.65
07 91 33 00-0023	LF	1.063" Minimum, 2.125" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-250)	64.42	7.99
07 91 33 00-0024	LF	1.250" Minimum, 2.563" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-300)	68.21	8.17
07 91 33 00-0025	LF	1.250" Minimum, 3.375" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-400)	76.15	8.35
07 91 33 00-0026	LF	1.438" Minimum, 4.250" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-500)	111.41	8.70
07 91 33 00-0027	LF	1.813" Minimum, 5.125" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-600)	155.07	9.04
07 91 33 00-0028		**Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal Systems (Wabo® Seismic WeatherSeal)** *(07 91 33 00-0001)*		
		Note: Includes a pre-compressed foam seal and silicone sealant.		
07 91 33 00-0029	LF	1/2" Minimum, 1-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-100)	36.59	2.89
07 91 33 00-0030	LF	3/4" Minimum, 2-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-150)	62.08	3.02
07 91 33 00-0031	LF	1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-200)	94.03	3.13
07 91 33 00-0032	LF	1-1/4" Minimum, 3-3/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-250)	118.85	3.24
07 91 33 00-0033	LF	1-1/2" Minimum, 4-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-300)	156.76	3.36
07 91 33 00-0034	LF	1-3/4" Minimum, 5-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-350)	207.78	3.47
07 91 33 00-0035	LF	2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-400)	255.10	3.60
07 91 33 00-0036	LF	2-1/2" Minimum, 7-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-500)	344.49	3.71
07 91 33 00-0037	LF	3" Minimum, 9" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-600)	402.40	3.83
07 91 33 00-0038		**Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal Systems (Wabo® WeatherSeal II)** *(07 91 33 00-0001)*		
		Note: Includes a pre-compressed foam seal and silicone sealant.		
07 91 33 00-0039	LF	0.75" Minimum, 1.25" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-100)	35.67	2.89
07 91 33 00-0040	LF	1.13" Minimum, 1.88" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-150)	47.38	3.02
07 91 33 00-0041	LF	1.50" Minimum, 2.50" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-200)	63.93	3.13
07 91 33 00-0042	LF	1.88" Minimum, 3.13" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-250)	87.14	3.24
07 91 33 00-0043	LF	2.25" Minimum, 3.75" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-300)	99.55	3.36
07 91 33 00-0044	LF	2.63" Minimum, 4.38" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-350)	138.62	3.47
07 91 33 00-0045	LF	3.00" Minimum, 5.00" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-400)	186.63	3.60
07 91 33 00-0046	LF	3.75" Minimum, 6.25" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-500)	201.58	3.71
07 91 33 00-0047		**Molded EPDM Rubber Cover, For Pedestrian Foot Traffic And Slow Speed Non-Commercial Vehicular Traffic (Wabo® SafetyFlexl)** *(07 91 33 00-0001)*		
07 91 33 00-0048	LF	2-1/2" Minimum, 12" Maximum Joint Opening, Elastomeric Hinged Cover System for Pedestrian Walkway And Low-speed Vehicular Traffic Areas (Wabo® SafetyFlex SFP-600)	268.15	9.39
07 91 33 00-0049		**Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal)** *(07 91 33 00-0001)*		
		Note: Includes epoxy adhesive.		
07 91 33 00-0050	LF	0.45" Minimum, 1.25" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-100)	29.44	
07 91 33 00-0051	LF	0.675" Minimum, 1.875" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-150)	32.24	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 91 33 00-0052	LF	0.90" Minimum, 2.50" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-200)	42.51	
07 91 33 00-0053	LF	1.125" Minimum, 3.125" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-250)	52.88	
07 91 33 00-0054	LF	1.35" Minimum, 3.75" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-300)	122.04	
07 91 33 00-0055	LF	1.80" Minimum, 5.00" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-400)	160.64	

07 92 Joint Sealants *(07 90)*

07 92 13 Elastomeric Joint Sealants *(07 92)*

07 92 13 00-0001 Silicone Sealant And Caulking *(07 92 13)*

07 92 13 00-0002	CLF	1/4" x 1/4" Joint, Silicone Sealant And Caulking	354.21	103.54
		For Custom Match Coloring, Add	*10.46*	
		For Up To 6 CLF, Add	*18.80*	
		For >30 CLF, Deduct	*-19.89*	
		For 1 Part Mildew Resistant, Add	*15.26*	
		For High-Modulus Non-Acid Curing, Add	*8.72*	
07 92 13 00-0003	CLF	1/4" x 3/8" Joint, Silicone Sealant And Caulking	376.01	103.54
		For Custom Match Coloring, Add	*15.69*	
		For Up To 4 CLF, Add	*20.44*	
		For >20 CLF, Deduct	*-22.07*	
		For 1 Part Mildew Resistant, Add	*22.89*	
		For High-Modulus Non-Acid Curing, Add	*13.08*	
07 92 13 00-0004	CLF	1/4" x 1/2" Joint, Silicone Sealant And Caulking	409.31	106.99
		For Custom Match Coloring, Add	*20.92*	
		For Up To 3 CLF, Add	*22.65*	
		For >15 CLF, Deduct	*-24.82*	
		For 1 Part Mildew Resistant, Add	*30.51*	
		For High-Modulus Non-Acid Curing, Add	*17.44*	
07 92 13 00-0005	CLF	3/8" x 3/8" Joint, Silicone Sealant And Caulking	420.21	106.99
		For Custom Match Coloring, Add	*23.54*	
		For Up To 2.5 CLF, Add	*23.46*	
		For >13 CLF, Deduct	*-25.91*	
		For 1 Part Mildew Resistant, Add	*34.33*	
		For High-Modulus Non-Acid Curing, Add	*19.62*	
07 92 13 00-0006	CLF	3/8" x 1/2" Joint, Silicone Sealant And Caulking	452.90	106.99
		For Custom Match Coloring, Add	*31.38*	
		For Up To 2 CLF, Add	*25.91*	
		For >10 CLF, Deduct	*-29.18*	
		For 1 Part Mildew Resistant, Add	*45.77*	
		For High-Modulus Non-Acid Curing, Add	*26.15*	
07 92 13 00-0007	CLF	3/8" x 5/8" Joint, Silicone Sealant And Caulking	485.59	106.99
		For Custom Match Coloring, Add	*39.23*	
		For Up To 1.5 CLF, Add	*28.37*	
		For >8 CLF, Deduct	*-32.45*	
		For 1 Part Mildew Resistant, Add	*57.21*	
		For High-Modulus Non-Acid Curing, Add	*32.69*	
07 92 13 00-0008	CLF	3/8" x 3/4" Joint, Silicone Sealant And Caulking	529.78	111.59
		For Custom Match Coloring, Add	*47.08*	
		For Up To 1.3 CLF, Add	*31.39*	
		For >7 CLF, Deduct	*-36.30*	
		For 1 Part Mildew Resistant, Add	*68.65*	
		For High-Modulus Non-Acid Curing, Add	*39.23*	
07 92 13 00-0009	CLF	1/2" x 1/2" Joint, Silicone Sealant And Caulking	507.99	111.59
		For Custom Match Coloring, Add	*41.85*	
		For Up To 1.4 CLF, Add	*29.76*	
		For >7.5 CLF, Deduct	*-34.12*	
		For 1 Part Mildew Resistant, Add	*61.03*	
		For High-Modulus Non-Acid Curing, Add	*34.87*	
07 92 13 00-0010	CLF	1/2" x 5/8" Joint, Silicone Sealant And Caulking	563.09	115.04
		For Custom Match Coloring, Add	*52.31*	
		For Up To 1.15 CLF, Add	*33.60*	
		For >6 CLF, Deduct	*-39.05*	
		For 1 Part Mildew Resistant, Add	*76.28*	
		For High-Modulus Non-Acid Curing, Add	*43.59*	
07 92 13 00-0011	CLF	1/2" x 3/4" Joint, Silicone Sealant And Caulking	606.68	115.04
		For Custom Match Coloring, Add	*62.77*	
		For Up To 1 CLF, Add	*36.87*	
		For >5 CLF, Deduct	*-43.41*	
		For 1 Part Mildew Resistant, Add	*91.54*	
		For High-Modulus Non-Acid Curing, Add	*52.31*	
07 92 13 00-0012	CLF	1/2" x 7/8" Joint, Silicone Sealant And Caulking	661.77	118.49
		For Custom Match Coloring, Add	*73.23*	
		For Up To 0.8 CLF, Add	*40.72*	
		For >4.5 CLF, Deduct	*-48.35*	
		For 1 Part Mildew Resistant, Add	*106.80*	
		For High-Modulus Non-Acid Curing, Add	*61.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0013	CLF	1/2" x 1" Joint, Silicone Sealant And Caulking	716.87	123.10
		For Custom Match Coloring, Add	*83.69*	
		For Up To 0.75 CLF, Add	*44.56*	
		For >4 CLF, Deduct	*-53.28*	
		For 1 Part Mildew Resistant, Add	*122.05*	
		For High-Modulus Non-Acid Curing, Add	*69.74*	
07 92 13 00-0014	CLF	3/4" x 3/4" Joint, Silicone Sealant And Caulking	771.96	126.55
		For Custom Match Coloring, Add	*94.15*	
		For Up To 0.65 CLF, Add	*48.41*	
		For >3.5 CLF, Deduct	*-58.21*	
		For 1 Part Mildew Resistant, Add	*137.31*	
		For High-Modulus Non-Acid Curing, Add	*78.46*	
07 92 13 00-0015	CLF	3/4" x 1" Joint, Silicone Sealant And Caulking	937.25	138.06
		For Custom Match Coloring, Add	*125.54*	
		For Up To 0.5 CLF, Add	*59.94*	
		For >2.5 CLF, Deduct	*-73.02*	
		For 1 Part Mildew Resistant, Add	*183.08*	
		For High-Modulus Non-Acid Curing, Add	*104.62*	
07 92 13 00-0016	CLF	1" x 1" Joint, Silicone Sealant And Caulking	1,157.63	153.01
		For Custom Match Coloring, Add	*167.39*	
		For Up To 0.4 CLF, Add	*75.32*	
		For >2 CLF, Deduct	*-92.75*	
		For 1 Part Mildew Resistant, Add	*244.10*	
		For High-Modulus Non-Acid Curing, Add	*139.49*	

07 92 13 00-0017 Acrylic/Latex Sealant And Caulking *(07 92 13)*

07 92 13 00-0018	CLF	1/4" x 1/4" Joint, Acrylic/Latex Sealant And Caulking	325.91	103.54
		For Up To 6 CLF, Add	*16.68*	
		For >30 CLF, Deduct	*-17.06*	
07 92 13 00-0019	CLF	1/4" x 3/8" Joint, Acrylic/Latex Sealant And Caulking	333.56	103.54
		For Up To 4 CLF, Add	*17.25*	
		For >20 CLF, Deduct	*-17.83*	
07 92 13 00-0020	CLF	1/4" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	352.72	106.99
		For Up To 3 CLF, Add	*18.40*	
		For >15 CLF, Deduct	*-19.17*	
07 92 13 00-0021	CLF	3/8" x 3/8" Joint, Acrylic/Latex Sealant And Caulking	356.54	106.99
		For Up To 2.5 CLF, Add	*18.69*	
		For >13 CLF, Deduct	*-19.55*	
07 92 13 00-0022	CLF	3/8" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	368.01	106.99
		For Up To 2 CLF, Add	*19.55*	
		For >10 CLF, Deduct	*-20.69*	
07 92 13 00-0023	CLF	3/8" x 5/8" Joint, Acrylic/Latex Sealant And Caulking	379.48	106.99
		For Up To 1.5 CLF, Add	*20.41*	
		For >8 CLF, Deduct	*-21.84*	
07 92 13 00-0024	CLF	3/8" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	402.45	111.59
		For Up To 1.3 CLF, Add	*21.84*	
		For >7 CLF, Deduct	*-23.56*	
07 92 13 00-0025	CLF	1/2" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	394.80	111.59
		For Up To 1.4 CLF, Add	*21.27*	
		For >7.5 CLF, Deduct	*-22.80*	
07 92 13 00-0026	CLF	1/2" x 5/8" Joint, Acrylic/Latex Sealant And Caulking	421.60	115.04
		For Up To 1.15 CLF, Add	*22.99*	
		For >6 CLF, Deduct	*-24.90*	
07 92 13 00-0027	CLF	1/2" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	436.90	115.04
		For Up To 1 CLF, Add	*24.14*	
		For >5 CLF, Deduct	*-26.43*	
07 92 13 00-0028	CLF	1/2" x 7/8" Joint, Acrylic/Latex Sealant And Caulking	463.69	118.49
		For Up To 0.8 CLF, Add	*25.86*	
		For >4.5 CLF, Deduct	*-28.54*	
07 92 13 00-0029	CLF	1/2" x 1" Joint, Acrylic/Latex Sealant And Caulking	490.49	123.10
		For Up To 0.75 CLF, Add	*27.58*	
		For >4 CLF, Deduct	*-30.64*	
07 92 13 00-0030	CLF	3/4" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	517.28	126.55
		For Up To 0.65 CLF, Add	*29.30*	
		For >3.5 CLF, Deduct	*-32.75*	
07 92 13 00-0031	CLF	3/4" x 1" Joint, Acrylic/Latex Sealant And Caulking	597.68	138.06
		For Up To 0.5 CLF, Add	*34.47*	
		For >2.5 CLF, Deduct	*-39.06*	
07 92 13 00-0032	CLF	1" x 1" Joint, Acrylic/Latex Sealant And Caulking	704.87	153.01
		For Up To 0.4 CLF, Add	*41.36*	
		For >2 CLF, Deduct	*-47.48*	

07 92 13 00-0033 Polyurethane Sealant And Caulking *(07 92 13)*

Note: 1 or 2 part, non-sag.

07 92 13 00-0034	CLF	1/4" x 1/4" Joint, Polyurethane Sealant And Caulking	344.05	103.54
		For Up To 6 CLF, Add	*18.04*	
		For >30 CLF, Deduct	*-18.87*	
07 92 13 00-0035	CLF	1/4" x 3/8" Joint, Polyurethane Sealant And Caulking	360.77	103.54
		For Up To 4 CLF, Add	*19.29*	
		For >20 CLF, Deduct	*-20.55*	
07 92 13 00-0036	CLF	1/4" x 1/2" Joint, Polyurethane Sealant And Caulking	388.99	106.99
		For Up To 3 CLF, Add	*21.12*	
		For >15 CLF, Deduct	*-22.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0037	CLF	3/8" x 3/8" Joint, Polyurethane Sealant And Caulking	397.35	106.99
		For Up To 2.5 CLF, Add	*21.75*	
		For >13 CLF, Deduct	*-23.63*	
07 92 13 00-0038	CLF	3/8" x 1/2" Joint, Polyurethane Sealant And Caulking	422.43	106.99
		For Up To 2 CLF, Add	*23.63*	
		For >10 CLF, Deduct	*-26.14*	
07 92 13 00-0039	CLF	3/8" x 5/8" Joint, Polyurethane Sealant And Caulking	447.50	106.99
		For Up To 1.5 CLF, Add	*25.51*	
		For >8 CLF, Deduct	*-28.64*	
07 92 13 00-0040	CLF	3/8" x 3/4" Joint, Polyurethane Sealant And Caulking	484.07	111.59
		For Up To 1.3 CLF, Add	*27.96*	
		For >7 CLF, Deduct	*-31.73*	
07 92 13 00-0041	CLF	1/2" x 1/2" Joint, Polyurethane Sealant And Caulking	467.36	111.59
		For Up To 1.4 CLF, Add	*26.71*	
		For >7.5 CLF, Deduct	*-30.05*	
07 92 13 00-0042	CLF	1/2" x 5/8" Joint, Polyurethane Sealant And Caulking	512.30	115.04
		For Up To 1.15 CLF, Add	*29.79*	
		For >6 CLF, Deduct	*-33.97*	
07 92 13 00-0043	CLF	1/2" x 3/4" Joint, Polyurethane Sealant And Caulking	545.73	115.04
		For Up To 1 CLF, Add	*32.30*	
		For >5 CLF, Deduct	*-37.32*	
07 92 13 00-0044	CLF	1/2" x 7/8" Joint, Polyurethane Sealant And Caulking	590.66	118.49
		For Up To 0.8 CLF, Add	*35.38*	
		For >4.5 CLF, Deduct	*-41.23*	
07 92 13 00-0045	CLF	1/2" x 1" Joint, Polyurethane Sealant And Caulking	635.61	123.10
		For Up To 0.75 CLF, Add	*38.47*	
		For >4 CLF, Deduct	*-45.15*	
07 92 13 00-0046	CLF	3/4" x 3/4" Joint, Polyurethane Sealant And Caulking	680.54	126.55
		For Up To 0.65 CLF, Add	*41.55*	
		For >3.5 CLF, Deduct	*-49.07*	
07 92 13 00-0047	CLF	3/4" x 1" Joint, Polyurethane Sealant And Caulking	815.35	138.06
		For Up To 0.5 CLF, Add	*50.80*	
		For >2.5 CLF, Deduct	*-60.83*	

07 92 13 00-0048 Flexible Polysulfide Sealant And Caulking, Clear *(07 92 13)*

Note: 1 or 2 part, non-sag.

07 92 13 00-0049	CLF	1/4" x 1/4" Joint, Polysulfide Sealant And Caulking	347.22	103.54
		For Up To 6 CLF, Add	*18.28*	
		For >30 CLF, Deduct	*-19.19*	
07 92 13 00-0050	CLF	1/4" x 3/8" Joint, Polysulfide Sealant And Caulking	365.54	103.54
		For Up To 4 CLF, Add	*19.65*	
		For >20 CLF, Deduct	*-21.02*	
07 92 13 00-0051	CLF	1/4" x 1/2" Joint, Polysulfide Sealant And Caulking	395.36	106.99
		For Up To 3 CLF, Add	*21.60*	
		For >15 CLF, Deduct	*-23.43*	
07 92 13 00-0052	CLF	3/8" x 3/8" Joint, Polysulfide Sealant And Caulking	404.51	106.99
		For Up To 2.5 CLF, Add	*22.29*	
		For >13 CLF, Deduct	*-24.34*	
07 92 13 00-0053	CLF	3/8" x 1/2" Joint, Polysulfide Sealant And Caulking	431.98	106.99
		For Up To 2 CLF, Add	*24.35*	
		For >10 CLF, Deduct	*-27.09*	
07 92 13 00-0054	CLF	3/8" x 5/8" Joint, Polysulfide Sealant And Caulking	459.43	106.99
		For Up To 1.5 CLF, Add	*26.40*	
		For >8 CLF, Deduct	*-29.84*	
07 92 13 00-0055	CLF	3/8" x 3/4" Joint, Polysulfide Sealant And Caulking	498.38	111.59
		For Up To 1.3 CLF, Add	*29.04*	
		For >7 CLF, Deduct	*-33.16*	
07 92 13 00-0056	CLF	1/2" x 1/2" Joint, Polysulfide Sealant And Caulking	480.08	111.59
		For Up To 1.4 CLF, Add	*27.67*	
		For >7.5 CLF, Deduct	*-31.33*	
07 92 13 00-0057	CLF	1/2" x 5/8" Joint, Polysulfide Sealant And Caulking	528.21	115.04
		For Up To 1.15 CLF, Add	*30.99*	
		For >6 CLF, Deduct	*-35.56*	
07 92 13 00-0058	CLF	1/2" x 3/4" Joint, Polysulfide Sealant And Caulking	564.82	115.04
		For Up To 1 CLF, Add	*33.73*	
		For >5 CLF, Deduct	*-39.23*	
07 92 13 00-0059	CLF	1/2" x 7/8" Joint, Polysulfide Sealant And Caulking	612.94	118.49
		For Up To 0.8 CLF, Add	*37.05*	
		For >4.5 CLF, Deduct	*-43.46*	
07 92 13 00-0060	CLF	1/2" x 1" Joint, Polysulfide Sealant And Caulking	661.05	123.10
		For Up To 0.75 CLF, Add	*40.38*	
		For >4 CLF, Deduct	*-47.70*	
07 92 13 00-0061	CLF	3/4" x 3/4" Joint, Polysulfide Sealant And Caulking	709.17	126.55
		For Up To 0.65 CLF, Add	*43.70*	
		For >3.5 CLF, Deduct	*-51.93*	
07 92 13 00-0062	CLF	3/4" x 1" Joint, Polysulfide Sealant And Caulking	853.52	138.06
		For Up To 0.5 CLF, Add	*53.66*	
		For >2.5 CLF, Deduct	*-64.64*	

07 92 13 00-0063 Flexible Polyurethane Security Sealant And Caulking *(07 92 13)*

Note: 1 or 2 part, non-sag.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0064	CLF	1/4" x 1/4" Joint, Flexible Polyurethane Security Sealant And Caulking	354.99	103.54
		For Up To 6 CLF, Add	*18.86*	
		For >30 CLF, Deduct	*-19.97*	
07 92 13 00-0065	CLF	1/4" x 3/8" Joint, Flexible Polyurethane Security Sealant And Caulking	377.18	103.54
		For Up To 4 CLF, Add	*20.52*	
		For >20 CLF, Deduct	*-22.19*	
07 92 13 00-0066	CLF	1/4" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	410.87	106.99
		For Up To 3 CLF, Add	*22.76*	
		For >15 CLF, Deduct	*-24.98*	
07 92 13 00-0067	CLF	3/8" x 3/8" Joint, Flexible Polyurethane Security Sealant And Caulking	421.97	106.99
		For Up To 2.5 CLF, Add	*23.59*	
		For >13 CLF, Deduct	*-26.09*	
07 92 13 00-0068	CLF	3/8" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	455.24	106.99
		For Up To 2 CLF, Add	*26.09*	
		For >10 CLF, Deduct	*-29.42*	
07 92 13 00-0069	CLF	3/8" x 5/8" Joint, Flexible Polyurethane Security Sealant And Caulking	488.52	106.99
		For Up To 1.5 CLF, Add	*28.59*	
		For >8 CLF, Deduct	*-32.75*	
07 92 13 00-0070	CLF	3/8" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	533.30	111.59
		For Up To 1.3 CLF, Add	*31.66*	
		For >7 CLF, Deduct	*-36.65*	
07 92 13 00-0071	CLF	1/2" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	511.12	111.59
		For Up To 1.4 CLF, Add	*29.99*	
		For >7.5 CLF, Deduct	*-34.43*	
07 92 13 00-0072	CLF	1/2" x 5/8" Joint, Flexible Polyurethane Security Sealant And Caulking	567.00	115.04
		For Up To 1.15 CLF, Add	*33.90*	
		For >6 CLF, Deduct	*-39.44*	
07 92 13 00-0073	CLF	1/2" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	611.37	115.04
		For Up To 1 CLF, Add	*37.22*	
		For >5 CLF, Deduct	*-43.88*	
07 92 13 00-0074	CLF	1/2" x 7/8" Joint, Flexible Polyurethane Security Sealant And Caulking	667.24	118.49
		For Up To 0.8 CLF, Add	*41.13*	
		For >4.5 CLF, Deduct	*-48.89*	
07 92 13 00-0075	CLF	1/2" x 1" Joint, Flexible Polyurethane Security Sealant And Caulking	723.12	123.10
		For Up To 0.75 CLF, Add	*45.03*	
		For >4 CLF, Deduct	*-53.90*	
07 92 13 00-0076	CLF	3/4" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	778.99	126.55
		For Up To 0.65 CLF, Add	*48.93*	
		For >3.5 CLF, Deduct	*-58.92*	
07 92 13 00-0077	CLF	3/4" x 1" Joint, Flexible Polyurethane Security Sealant And Caulking	946.63	138.06
		For Up To 0.5 CLF, Add	*60.64*	
		For >2.5 CLF, Deduct	*-73.95*	

07 92 19 Acoustical Joint Sealants *(07 92)*

07 92 19 00-0001 Acoustical Sealant *(07 92 19)*

07 92 19 00-0002	CLF	1/4" x 1/4" Joint, Acoustical Sealant	364.59	103.54
		For Custom Match Coloring, Add	*12.95*	
		For Up To 6 CLF, Add	*19.58*	
		For >30 CLF, Deduct	*-20.93*	
		For 1 Part Mildew Resistant, Add	*18.89*	
		For High-Modulus Non-Acid Curing, Add	*10.79*	
07 92 19 00-0003	CLF	1/4" x 3/8" Joint, Acoustical Sealant	385.08	103.54
		For Custom Match Coloring, Add	*17.87*	
		For Up To 4 CLF, Add	*21.12*	
		For >20 CLF, Deduct	*-22.98*	
		For 1 Part Mildew Resistant, Add	*26.06*	
		For High-Modulus Non-Acid Curing, Add	*14.89*	
07 92 19 00-0004	CLF	1/4" x 1/2" Joint, Acoustical Sealant	408.67	106.99
		For Custom Match Coloring, Add	*20.77*	
		For Up To 3 CLF, Add	*22.60*	
		For >15 CLF, Deduct	*-24.76*	
		For 1 Part Mildew Resistant, Add	*30.29*	
		For High-Modulus Non-Acid Curing, Add	*17.31*	
07 92 19 00-0005	CLF	3/8" x 3/8" Joint, Acoustical Sealant	442.20	106.99
		For Custom Match Coloring, Add	*28.82*	
		For Up To 2.5 CLF, Add	*25.11*	
		For >13 CLF, Deduct	*-28.11*	
		For 1 Part Mildew Resistant, Add	*42.02*	
		For High-Modulus Non-Acid Curing, Add	*24.01*	
07 92 19 00-0006	CLF	3/8" x 1/2" Joint, Acoustical Sealant	477.06	106.99
		For Custom Match Coloring, Add	*37.18*	
		For Up To 2 CLF, Add	*27.73*	
		For >10 CLF, Deduct	*-31.60*	
		For 1 Part Mildew Resistant, Add	*54.23*	
		For High-Modulus Non-Acid Curing, Add	*30.99*	
07 92 19 00-0007	CLF	1/2" x 1/2" Joint, Acoustical Sealant	551.95	111.59
		For Custom Match Coloring, Add	*52.40*	
		For Up To 1.4 CLF, Add	*33.06*	
		For >7.5 CLF, Deduct	*-38.51*	
		For 1 Part Mildew Resistant, Add	*76.41*	
		For High-Modulus Non-Acid Curing, Add	*43.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 95 Expansion Control *(07 90)*

07 95 13 Expansion Joint Cover Assemblies *(07 95)*

Note: Includes necessary waterproofing mastics/caulking.

07 95 13 13 Interior Expansion Joint Cover Assemblies *(07 95 13)*

07 95 13 13-0001 Interior Floor Expansion Joint Cover Assemblies *(07 95 13 13)*

07 95 13 13-0002 With 1" Space *(07 95 13 13-0001)*

07 95 13 13-0003	LF	1" Opening Floor Assembly Type, With Aluminum Expansion Joint Cover	85.05	7.53
07 95 13 13-0004	LF	1" Opening Floor Assembly Type, With Bronze Expansion Joint Cover	48.39	7.53
07 95 13 13-0005	LF	1" Opening Floor Assembly Type, With Stainless Steel Expansion Joint Cover	98.76	7.53

07 95 13 13-0006 With 2" Space *(07 95 13 13-0001)*

07 95 13 13-0007	LF	2" Opening Floor Assembly Type, Aluminum Expansion Joint Cover	114.34	7.53
07 95 13 13-0008	LF	2" Opening Floor Assembly Type, Bronze Expansion Joint Cover	55.69	7.53
07 95 13 13-0009	LF	2" Opening Floor Assembly Type, Stainless Steel Expansion Joint Cover	134.91	7.53

07 95 13 13-0010 Interior Ceiling And Wall Expansion Joint Cover Assemblies *(07 95 13 13)*

07 95 13 13-0011 With 1" Space *(07 95 13 13-0010)*

07 95 13 13-0012	LF	1" Opening Ceiling And Wall Assembly Type, Aluminum Expansion Joint Cover	62.31	7.53
07 95 13 13-0013	LF	1" Opening Ceiling And Wall Assembly Type, Bronze Expansion Joint Cover	47.63	7.53
07 95 13 13-0014	LF	1" Opening Ceiling And Wall Assembly Type, Stainless Steel Expansion Joint Cover	87.23	7.53

07 95 13 13-0015 With 2" Space *(07 95 13 13-0010)*

07 95 13 13-0016	LF	2" Opening Ceiling And Wall Assembly Type, Aluminum Expansion Joint Cover	79.88	7.53
07 95 13 13-0017	LF	2" Opening Ceiling And Wall Assembly Type, Bronze Expansion Joint Cover	51.27	7.53
07 95 13 13-0018	LF	2" Opening Ceiling And Wall Assembly Type, Stainless Steel Expansion Joint Cover	105.30	7.53

07 95 13 16 Exterior Expansion Joint Cover Assemblies *(07 95 13)*

07 95 13 16-0001 Exterior Roof Aluminum Expansion Joint Cover Assemblies *(07 95 13 16)*

07 95 13 16-0002 Roof To Roof *(07 95 13 16-0001)*

07 95 13 16-0003	LF	1" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint	116.53	5.02
07 95 13 16-0004	LF	2" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint	141.18	5.02
07 95 13 16-0005	LF	3" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint	158.16	5.02

07 95 13 16-0006 Roof To Wall *(07 95 13 16-0001)*

07 95 13 16-0007	LF	1" Opening Aluminum Assemblies, Exterior Roof To Wall Expansion Joint	85.72	5.02
07 95 13 16-0008	LF	2" Opening Aluminum Assemblies, Exterior Roof To Wall Expansion Joint	115.89	5.02

07 95 13 16-0009 Flat Wall To Wall *(07 95 13 16-0001)*

07 95 13 16-0010	LF	1" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint	63.15	5.02
07 95 13 16-0011	LF	2" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint	81.25	5.02
07 95 13 16-0012	LF	3" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint	103.10	5.02

07 95 13 16-0013 Corner To Flat Wall *(07 95 13 16-0001)*

07 95 13 16-0014	LF	1" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint	59.03	5.02
07 95 13 16-0015	LF	2" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint	71.09	5.02
07 95 13 16-0016	LF	3" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint	105.01	5.02

END OF SECTION 07

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 Openings

08 01 Operation and Maintenance of Openings *(08)*

08 01 10 Operation and Maintenance of Doors and Frames *(08 01)*

08 01 11 Operation and Maintenance of Metal Doors and Frames *(08 01 10)*

08 01 11 61 Metal Doors and Frames Repair *(08 01 11)*

08 01 11 61-0001 Hollow Metal Door Repair *(08 01 11 61)*
Note: Repairs are based on holes or damage of less than 1/2 of a square foot.

08 01 11 61-0002	EA	Up To 1 SI, Patch Small Drill Holes Note: Per hinge location - sand to bare metal, mix/patch with a two-part polyester-based, putty-like filler resin and hardener (Bondo® Fillers), fine grit sand smooth for finish	26.20	
08 01 11 61-0003	EA	>1 To 6 SI, Patch Small Drill Holes Note: Per hinge location - sand to bare metal, mix/patch with a two-part polyester-based, putty-like filler resin and hardener (Bondo® Fillers), fine grit sand smooth for finish	52.55	
08 01 11 61-0004	LF	Patch Deep Scrapes Or Cuts In Doors	63.25	

08 01 50 Operation and Maintenance of Windows *(08 01)*

08 01 52 Operation and Maintenance of Wood Windows *(08 01 50)*

08 01 52 61 Wood Window Repairs *(08 01 52)*

08 01 52 61-0001 Window Restoration And Replacement *(08 01 52 61)*

08 01 52 61-0002	EA	Removal And Replacement Of Sash Guides	13.07	
08 01 52 61-0003	EA	Removal And Replacement Of Window Arms	37.53	
08 01 52 61-0004	EA	Removal And Replacement Of Window Crank Operator	42.94	
08 01 52 61-0005	EA	Removal And Replacement Of Brass Window Sash Pull	26.29	
08 01 52 61-0006	EA	Removal And Replacement Of Brass Window Sash Lock	23.35	
08 01 52 61-0007	EA	Removal And Replacement Of Window Balance, Removable Sash Window Note: Channel, spiral or coil balance.	29.00	
08 01 52 61-0008	EA	Removal And Replacement Of Window Balance, Sash Window, Wooden Stops And/or Casing Note: Channel, spiral or coil balance.	86.54	
		For Replacing Two Balances In One Window, Deduct	*-31.76*	

08 01 70 Operation and Maintenance of Hardware *(08 01)*

08 01 71 Operation and Maintenance of Door Hardware *(08 01 70)*

08 01 71 81 Door Hardware Replacement *(08 01 71)*

08 01 71 81-0001 Replace Door Hardware *(08 01 71 81)*

08 01 71 81-0002 Replace Door Hardware Strikes *(08 01 71 81-0001)*

08 01 71 81-0003	EA	Replace 2-1/4" x 1" Round Corner, Door Strike (Pamex FD5SP) Note: All finishes.	13.43	

08 01 71 81-0004 Replace Door Hardware Deadbolts, Latches And Accessories *(08 01 71 81-0001)*

08 01 71 81-0005	EA	Replace 1" x 2-1/4" Dual Option Deadbolt Latch (Schlage 12-321) Note: Includes all finishes	76.51	
08 01 71 81-0006	EA	Replace 1" x 2-1/4" Satin Chrome Finish, Adjustable Deadbolt Latch (Schlage 12-288-626)	63.72	
08 01 71 81-0007	EA	Replace 1" x 2-1/4" Satin Nickel Finish, Adjustable Deadbolt Latch (Schlage 12-288-619)	89.47	
08 01 71 81-0008	EA	Replace Dead Bolt Adaptor Ring (Schlage 38-017) Note: Includes one 38-031 adaptor for cylinder and one 38-032 adaptor for B250 thumbturn	63.31	

08 01 80 Maintenance of Glazing *(08 01)*

08 01 81 Maintenance of Glass Glazing *(08 01 80)*

08 01 81 10 Maintenance of Glass Glazing *(08 01 81)*

08 01 81 10-0001 Glazing Compound Repair *(08 01 81 10)*

08 01 81 10-0002	LF	Removal And Replacement Of Up To 1/2" Wide Damaged, Broken Or Cracked Window Glazing, For Glazing Compound Repair	8.19

08 05 Common Work Results for Openings *(08)*

08 05 13 Door Options and Modifications *(08 05)*

Note: Excludes removal and reinstallation of door.

08 05 13 00-0001 Door Vision Panels (Pemko LT-S1) *(08 05 13)*
Note: Factory primed or powder coated. See CSI section 08 81 00 00-0000 for glazing.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 05 13 00-0002	EA	For Up To 1 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	155.03	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*77.52*	
08 05 13 00-0003	EA	For >1 To 2 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	196.24	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*98.12*	
08 05 13 00-0004	EA	For >2 To 4 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	227.64	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*113.82*	
08 05 13 00-0005	EA	For >4 To 6 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	290.44	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*145.22*	
08 05 13 00-0006	EA	For >6 To 8 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	376.79	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*188.40*	
08 05 13 00-0007	EA	For >8 To 10 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	480.79	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*240.40*	
08 05 13 00-0008	EA	For >10 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	510.23	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*255.12*	
08 05 13 00-0009	EA	For Up To 1 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	256.03	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*70.47*	
08 05 13 00-0010	EA	For >1 To 2 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	305.01	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*89.20*	
08 05 13 00-0011	EA	For >2 To 4 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	345.06	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*103.48*	
08 05 13 00-0012	EA	For >4 To 6 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	413.66	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*132.02*	
08 05 13 00-0013	EA	For >6 To 8 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	503.66	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*171.27*	
08 05 13 00-0014	EA	For >8 To 10 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	609.73	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*218.55*	
08 05 13 00-0015	EA	For >10 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	648.00	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*231.93*	
08 05 13 00-0016		**Door Louvers, Inverted "Y" 50% Free Air (Pemko LV-IY)** *(08 05 13)*		
		Note: Factory primed or powder coated.		
08 05 13 00-0017	EA	For Up To 1 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	147.83	
08 05 13 00-0018	EA	For >1 To 2 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	167.93	
08 05 13 00-0019	EA	For >2 To 4 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	228.24	
08 05 13 00-0020	EA	For >4 To 6 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	425.62	
08 05 13 00-0021	EA	For >6 To 8 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	526.35	
08 05 13 00-0022	EA	For >8 To 10 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	628.69	
08 05 13 00-0023	EA	For >10 To 14 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	820.39	
08 05 13 00-0024	EA	For >14 To 18 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	965.72	
		For 18 Gauge Louver And 18 Gauge Frame, Add	*115.89*	
08 05 13 00-0025	EA	For Up To 1 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	234.15	
08 05 13 00-0026	EA	For >1 To 2 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	262.88	
08 05 13 00-0027	EA	For >2 To 4 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	331.82	
08 05 13 00-0028	EA	For >4 To 6 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	537.84	
08 05 13 00-0029	EA	For >6 To 8 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	647.20	
08 05 13 00-0030	EA	For >8 To 10 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	758.16	
08 05 13 00-0031	EA	For >10 To 14 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	958.50	
08 05 13 00-0032	EA	For >14 To 18 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	1,109.58	
		For 18 Gauge Louver And 18 Gauge Frame, Add	*115.89*	
08 05 13 00-0033		**Fire Rated Fusible Link Louvers (Pemko LV-FL)** *(08 05 13)*		
		Note: Factory primed or powder coated.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 05 13 00-0034	EA	For Up To 1 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	299.36	
08 05 13 00-0035	EA	For >1 To 2 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	342.56	
08 05 13 00-0036	EA	For >2 To 4 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	402.37	
08 05 13 00-0037	EA	For Up To 1 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	402.94	
08 05 13 00-0038	EA	For >1 To 2 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	457.65	
08 05 13 00-0039	EA	For >2 To 4 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	526.67	

08 05 13 00-0040 Door Hardware Preparation *(08 05 13)*

08 05 13 00-0041	EA	Factory Prepare Wood Door (Rated Or Non-Rated) For Mortise Lockset Hardware	86.28	
08 05 13 00-0042	EA	Prepare Existing Wood Door (Rated) For Mortise Lockset Hardware Note: Requires door to be taken off site for UL certification.	212.83	
08 05 13 00-0043	EA	Prepare Existing Wood Door (Non-Rated) For Mortise Lockset Hardware	97.78	
08 05 13 00-0044	EA	Prepare Existing Wood Door (Rated) For Cylindrical Lockset Hardware Note: Requires door to be taken off site for UL certification.	172.57	
08 05 13 00-0045	EA	Prepare Existing Wood Door (Non-Rated) For Cylindrical Lockset Hardware	28.76	
08 05 13 00-0046	EA	Prepare Existing Wood Door (Rated) For Concealed Vertical Rod Note: Requires door to be taken off site for UL certification.	316.41	
08 05 13 00-0047	EA	Prepare Existing Wood Door (Non-Rated) For Concealed Vertical Rod	201.32	
08 05 13 00-0048	EA	Prepare Existing Wood Door (Rated) For Electric Hardware Note: Requires door to be taken off site for UL certification.	212.83	
08 05 13 00-0049	EA	Prepare Existing Wood Door (Non-Rated) For Electric Hardware	97.78	

08 05 13 00-0050 Door Modifications *(08 05 13)*

08 05 13 00-0051	EA	Removal And Reinstallation Of Door	97.83	
08 05 13 00-0052	EA	Removal And Reinstallation Of Metal Door Frame	191.82	
08 05 13 00-0053	EA	Trim Bottom Of Existing Steel Door For Installation Of Carpet Or Tile Note: Excludes removal and reinstallation of door.	103.58	
08 05 13 00-0054	EA	Modify Metal Door Frame For Door Swing Note: Includes removal of door; install blank hinge plates, new continuous hinge, blank strike plate, new strike plate and reinstallation of door.	1,344.28	
08 05 13 00-0055	EA	Factory Installed Sound Proofing (STC 28) In Metal Door	112.98	
08 05 13 00-0056	SF	For 16 Gauge Steel Metal Plate Bolted On Door Note: Includes mounting hardware.	24.50	
08 05 13 00-0057	EA	Removal And Reinstallation Of Wood Door Frame	115.90	
08 05 13 00-0058	EA	Trim Bottom Of Existing Wood Door For Installation Of Carpet Or Tile Note: Excludes removal and reinstallation of door.	52.16	
08 05 13 00-0059	EA	Factory Trim Wood Door Edge For Custom Width	75.34	

08 10 Doors and Frames *(08)*

08 11 Metal Doors and Frames *(08 10)*

08 11 63 Metal Screen and Storm Doors and Frames *(08 11)*

08 11 63 13 Steel Screen and Storm Doors and Frames *(08 11 63)*

08 11 63 13-0001 Steel Screen Door *(08 11 63 13)*
Note: Includes frame, trim, necessary anchors and hardware (closures, chain and spring, latching, screens, etc.).

08 11 63 13-0002	EA	2'-8" x 7', Residential, Steel Screen Door With Frame, Trim, Hardware	858.02	158.26
08 11 63 13-0003	EA	3' x 7' Steel Screen Door, Residential, With Frame, Trim, Hardware	869.57	164.01
08 11 63 13-0004	EA	Steel Combination Type Residential Storm Door, With Mesh And Tempered Glass With Frame, Trim, Hardware	1,190.34	164.01

08 11 63 23 Aluminum Screen and Storm Doors and Frames *(08 11 63)*

08 11 63 23-0001 Aluminum Combination Type With Tempered Glass At Top And Bottom *(08 11 63 23)*
Note: Includes frame trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).

08 11 63 23-0002	EA	Aluminum Combination Type Residential Storm Door, Tempered Glass Top With Frame, Trim, Hardware	1,186.22	92.08
		For Special Finished, Add	*114.72*	
08 11 63 23-0003	EA	Aluminum Combination Type Residential Storm Door, Tempered Glass Top And Bottom With Frame, Trim, Hardware	1,250.70	92.08
08 11 63 23-0004	EA	Aluminum Screen Door	324.15	57.52
08 11 63 23-0005	SF	Repair Screen Door	14.49	

08 11 73 Sliding Metal Fire Doors *(08 11)*

08 11 73 00-0001 Motor Operated Fire Door With Fusible Link *(08 11 73)*
Note: 3 hour rating. Excludes electrical hook-up of motor.

08 11 73 00-0002	EA	3' x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	4,854.21	627.47
08 11 73 00-0003	EA	3' 8" x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	5,128.76	627.47
08 11 73 00-0004	EA	4' x 8' Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	5,584.43	627.47
08 11 73 00-0005	EA	5' x 8' Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	6,084.15	627.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 12 Metal Frames *(08 10)*

Note: Includes perimeter caulk, sealant (as required), anchors and silencers.

08 12 13 Hollow Metal Frames *(08 12)*

08 12 13 13 Standard Hollow Metal Frames *(08 12 13)*

Note: Shop prime coat. See CSI section 04 05 16 26-0017 for grouting frames.

08 12 13 13-0001 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*

Note: For non-rated or fire rated frame assemblies

08 12 13 13-0002 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0001)*

08 12 13 13-0003	EA	2' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	741.51	86.32
		For Auxiliary Frame Reinforcement For Hinges, Add	*85.33*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*68.26*	
		For Type 304 Stainless Steel Frame, Add	*1,032.60*	
		For Type 316 Stainless Steel Frame, Add	*1,203.26*	
		For Baked Enamel Finish, Add	*196.56*	
		For 18 Gauge Frame, Deduct	*-56.89*	
		For 14 Gauge Frame, Add	*142.22*	
		For 12 Gauge Frame, Add	*216.17*	
08 12 13 13-0004	EA	2'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	867.13	94.95
		For Auxiliary Frame Reinforcement For Hinges, Add	*101.58*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*81.27*	
		For Type 304 Stainless Steel Frame, Add	*1,228.51*	
		For Type 316 Stainless Steel Frame, Add	*1,431.68*	
		For Baked Enamel Finish, Add	*231.65*	
		For 18 Gauge Frame, Deduct	*-67.72*	
		For 14 Gauge Frame, Add	*169.31*	
		For 12 Gauge Frame, Add	*257.35*	
08 12 13 13-0005	EA	2'-6" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	889.49	100.70
		For Auxiliary Frame Reinforcement For Hinges, Add	*103.21*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*82.57*	
		For Type 304 Stainless Steel Frame, Add	*1,248.60*	
		For Type 316 Stainless Steel Frame, Add	*1,455.02*	
		For Baked Enamel Finish, Add	*236.63*	
		For 18 Gauge Frame, Deduct	*-68.81*	
		For 14 Gauge Frame, Add	*172.02*	
		For 12 Gauge Frame, Add	*261.47*	
08 12 13 13-0006	EA	2'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	906.75	109.34
		For Auxiliary Frame Reinforcement For Hinges, Add	*103.21*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*82.57*	
		For Type 304 Stainless Steel Frame, Add	*1,249.46*	
		For Type 316 Stainless Steel Frame, Add	*1,455.88*	
		For Baked Enamel Finish, Add	*239.22*	
		For 18 Gauge Frame, Deduct	*-68.81*	
		For 14 Gauge Frame, Add	*172.02*	
		For 12 Gauge Frame, Add	*261.47*	
08 12 13 13-0007	EA	2'-10" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	923.33	112.22
		For Auxiliary Frame Reinforcement For Hinges, Add	*104.84*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*83.87*	
		For Type 304 Stainless Steel Frame, Add	*1,269.24*	
		For Type 316 Stainless Steel Frame, Add	*1,478.91*	
		For Baked Enamel Finish, Add	*243.33*	
		For 18 Gauge Frame, Deduct	*-69.89*	
		For 14 Gauge Frame, Add	*174.73*	
		For 12 Gauge Frame, Add	*265.58*	
08 12 13 13-0008	EA	3' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	939.93	115.09
		For Auxiliary Frame Reinforcement For Hinges, Add	*106.46*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*85.17*	
		For Type 304 Stainless Steel Frame, Add	*1,289.04*	
		For Type 316 Stainless Steel Frame, Add	*1,501.96*	
		For Baked Enamel Finish, Add	*247.45*	
		For 18 Gauge Frame, Deduct	*-70.97*	
		For 14 Gauge Frame, Add	*177.44*	
		For 12 Gauge Frame, Add	*269.70*	
08 12 13 13-0009	EA	3'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,000.19	120.85
		For Auxiliary Frame Reinforcement For Hinges, Add	*113.78*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*91.02*	
		For Type 304 Stainless Steel Frame, Add	*1,377.38*	
		For Type 316 Stainless Steel Frame, Add	*1,604.93*	
		For Baked Enamel Finish, Add	*263.80*	
		For 18 Gauge Frame, Deduct	*-75.85*	
		For 14 Gauge Frame, Add	*189.63*	
		For 12 Gauge Frame, Add	*288.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0010	EA	3'-6" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,011.70	126.61
		For Auxiliary Frame Reinforcement For Hinges, Add	*113.78*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*91.02*	
		For Type 304 Stainless Steel Frame, Add	*1,377.96*	
		For Type 316 Stainless Steel Frame, Add	*1,605.51*	
		For Baked Enamel Finish, Add	*265.53*	
		For 18 Gauge Frame, Deduct	*-75.85*	
		For 14 Gauge Frame, Add	*189.63*	
		For 12 Gauge Frame, Add	*288.23*	
08 12 13 13-0011	EA	4' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,050.30	132.35
		For Auxiliary Frame Reinforcement For Hinges, Add	*117.84*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*94.27*	
		For Type 304 Stainless Steel Frame, Add	*1,427.30*	
		For Type 316 Stainless Steel Frame, Add	*1,662.97*	
		For Baked Enamel Finish, Add	*275.38*	
		For 18 Gauge Frame, Deduct	*-78.56*	
		For 14 Gauge Frame, Add	*196.40*	
		For 12 Gauge Frame, Add	*298.52*	
08 12 13 13-0012	EA	5' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,088.91	138.11
		For Auxiliary Frame Reinforcement For Hinges, Add	*121.90*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*97.52*	
		For Type 304 Stainless Steel Frame, Add	*1,476.64*	
		For Type 316 Stainless Steel Frame, Add	*1,720.44*	
		For Baked Enamel Finish, Add	*285.24*	
		For 18 Gauge Frame, Deduct	*-81.27*	
		For 14 Gauge Frame, Add	*203.17*	
		For 12 Gauge Frame, Add	*308.82*	
08 12 13 13-0013	EA	5'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,100.41	143.86
		For Auxiliary Frame Reinforcement For Hinges, Add	*121.90*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*97.52*	
		For Type 304 Stainless Steel Frame, Add	*1,477.21*	
		For Type 316 Stainless Steel Frame, Add	*1,721.01*	
		For Baked Enamel Finish, Add	*286.96*	
		For 18 Gauge Frame, Deduct	*-81.27*	
		For 14 Gauge Frame, Add	*203.17*	
		For 12 Gauge Frame, Add	*308.82*	
08 12 13 13-0014	EA	5'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,119.71	146.74
		For Auxiliary Frame Reinforcement For Hinges, Add	*123.93*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*99.15*	
		For Type 304 Stainless Steel Frame, Add	*1,501.87*	
		For Type 316 Stainless Steel Frame, Add	*1,749.74*	
		For Baked Enamel Finish, Add	*291.89*	
		For 18 Gauge Frame, Deduct	*-82.62*	
		For 14 Gauge Frame, Add	*206.56*	
		For 12 Gauge Frame, Add	*313.96*	
08 12 13 13-0015	EA	6' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,139.01	149.62
		For Auxiliary Frame Reinforcement For Hinges, Add	*125.97*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*100.77*	
		For Type 304 Stainless Steel Frame, Add	*1,526.55*	
		For Type 316 Stainless Steel Frame, Add	*1,778.48*	
		For Baked Enamel Finish, Add	*296.82*	
		For 18 Gauge Frame, Deduct	*-83.98*	
		For 14 Gauge Frame, Add	*209.94*	
		For 12 Gauge Frame, Add	*319.11*	
08 12 13 13-0016	EA	7' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,198.94	152.50
		For Auxiliary Frame Reinforcement For Hinges, Add	*134.09*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*107.27*	
		For Type 304 Stainless Steel Frame, Add	*1,624.34*	
		For Type 316 Stainless Steel Frame, Add	*1,892.52*	
		For Baked Enamel Finish, Add	*313.93*	
		For 18 Gauge Frame, Deduct	*-89.39*	
		For 14 Gauge Frame, Add	*223.49*	
		For 12 Gauge Frame, Add	*339.70*	
08 12 13 13-0017	EA	8' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,258.87	155.38
		For Auxiliary Frame Reinforcement For Hinges, Add	*142.22*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*113.77*	
		For Type 304 Stainless Steel Frame, Add	*1,722.15*	
		For Type 316 Stainless Steel Frame, Add	*2,006.59*	
		For Baked Enamel Finish, Add	*331.05*	
		For 18 Gauge Frame, Deduct	*-94.81*	
		For 14 Gauge Frame, Add	*237.03*	
		For 12 Gauge Frame, Add	*360.29*	

08 12 13 13-0018 >7'-2" Through 9'-0" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0019	EA	2' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	804.72	86.32
		For Auxiliary Frame Reinforcement For Hinges, Add	*94.81*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*75.85*	
		For Type 304 Stainless Steel Frame, Add	*1,146.38*	
		For Type 316 Stainless Steel Frame, Add	*1,336.00*	
		For Baked Enamel Finish, Add	*215.52*	
		For 18 Gauge Frame, Deduct	*-63.21*	
		For 14 Gauge Frame, Add	*158.02*	
		For 12 Gauge Frame, Add	*240.19*	
08 12 13 13-0020	EA	2'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	942.38	94.95
		For Auxiliary Frame Reinforcement For Hinges, Add	*112.87*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*90.30*	
		For Type 304 Stainless Steel Frame, Add	*1,363.96*	
		For Type 316 Stainless Steel Frame, Add	*1,589.70*	
		For Baked Enamel Finish, Add	*254.23*	
		For 18 Gauge Frame, Deduct	*-75.25*	
		For 14 Gauge Frame, Add	*188.12*	
		For 12 Gauge Frame, Add	*285.94*	
08 12 13 13-0021	EA	2'-6" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	965.94	100.70
		For Auxiliary Frame Reinforcement For Hinges, Add	*114.68*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*91.74*	
		For Type 304 Stainless Steel Frame, Add	*1,386.21*	
		For Type 316 Stainless Steel Frame, Add	*1,615.56*	
		For Baked Enamel Finish, Add	*259.57*	
		For 18 Gauge Frame, Deduct	*-76.45*	
		For 14 Gauge Frame, Add	*191.13*	
		For 12 Gauge Frame, Add	*290.52*	
08 12 13 13-0022	EA	2'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	983.20	109.34
		For Auxiliary Frame Reinforcement For Hinges, Add	*114.68*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*91.74*	
		For Type 304 Stainless Steel Frame, Add	*1,387.07*	
		For Type 316 Stainless Steel Frame, Add	*1,616.43*	
		For Baked Enamel Finish, Add	*262.16*	
		For 18 Gauge Frame, Deduct	*-76.45*	
		For 14 Gauge Frame, Add	*191.13*	
		For 12 Gauge Frame, Add	*290.52*	
08 12 13 13-0023	EA	2'-10" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,000.99	112.22
		For Auxiliary Frame Reinforcement For Hinges, Add	*116.48*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*93.19*	
		For Type 304 Stainless Steel Frame, Add	*1,409.03*	
		For Type 316 Stainless Steel Frame, Add	*1,642.00*	
		For Baked Enamel Finish, Add	*266.63*	
		For 18 Gauge Frame, Deduct	*-77.66*	
		For 14 Gauge Frame, Add	*194.14*	
		For 12 Gauge Frame, Add	*295.09*	
08 12 13 13-0024	EA	3' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,018.79	115.09
		For Auxiliary Frame Reinforcement For Hinges, Add	*118.29*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*94.63*	
		For Type 304 Stainless Steel Frame, Add	*1,430.99*	
		For Type 316 Stainless Steel Frame, Add	*1,667.57*	
		For Baked Enamel Finish, Add	*271.11*	
		For 18 Gauge Frame, Deduct	*-78.86*	
		For 14 Gauge Frame, Add	*197.15*	
		For 12 Gauge Frame, Add	*299.67*	
08 12 13 13-0025	EA	3'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,084.47	120.85
		For Auxiliary Frame Reinforcement For Hinges, Add	*126.42*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*101.13*	
		For Type 304 Stainless Steel Frame, Add	*1,529.09*	
		For Type 316 Stainless Steel Frame, Add	*1,781.92*	
		For Baked Enamel Finish, Add	*289.09*	
		For 18 Gauge Frame, Deduct	*-84.28*	
		For 14 Gauge Frame, Add	*210.70*	
		For 12 Gauge Frame, Add	*320.26*	
08 12 13 13-0026	EA	3'-6" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,095.98	126.61
		For Auxiliary Frame Reinforcement For Hinges, Add	*126.42*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*101.13*	
		For Type 304 Stainless Steel Frame, Add	*1,529.66*	
		For Type 316 Stainless Steel Frame, Add	*1,782.50*	
		For Baked Enamel Finish, Add	*290.81*	
		For 18 Gauge Frame, Deduct	*-84.28*	
		For 14 Gauge Frame, Add	*210.70*	
		For 12 Gauge Frame, Add	*320.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0027	EA	4' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,137.59	132.35
		For Auxiliary Frame Reinforcement For Hinges, Add	*130.93*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*104.75*	
		For Type 304 Stainless Steel Frame, Add	*1,584.42*	
		For Type 316 Stainless Steel Frame, Add	*1,846.28*	
		For Baked Enamel Finish, Add	*301.57*	
		For 18 Gauge Frame, Deduct	*-87.29*	
		For 14 Gauge Frame, Add	*218.22*	
		For 12 Gauge Frame, Add	*331.69*	
08 12 13 13-0028	EA	5' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,179.20	138.11
		For Auxiliary Frame Reinforcement For Hinges, Add	*135.45*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*108.36*	
		For Type 304 Stainless Steel Frame, Add	*1,639.16*	
		For Type 316 Stainless Steel Frame, Add	*1,910.05*	
		For Baked Enamel Finish, Add	*312.33*	
		For 18 Gauge Frame, Deduct	*-90.30*	
		For 14 Gauge Frame, Add	*225.74*	
		For 12 Gauge Frame, Add	*343.13*	
08 12 13 13-0029	EA	5'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,190.70	143.86
		For Auxiliary Frame Reinforcement For Hinges, Add	*135.45*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*108.36*	
		For Type 304 Stainless Steel Frame, Add	*1,639.73*	
		For Type 316 Stainless Steel Frame, Add	*1,910.62*	
		For Baked Enamel Finish, Add	*314.05*	
		For 18 Gauge Frame, Deduct	*-90.30*	
		For 14 Gauge Frame, Add	*225.74*	
		For 12 Gauge Frame, Add	*343.13*	
08 12 13 13-0030	EA	5'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,211.51	146.74
		For Auxiliary Frame Reinforcement For Hinges, Add	*137.70*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*110.16*	
		For Type 304 Stainless Steel Frame, Add	*1,667.11*	
		For Type 316 Stainless Steel Frame, Add	*1,942.52*	
		For Baked Enamel Finish, Add	*319.43*	
		For 18 Gauge Frame, Deduct	*-91.80*	
		For 14 Gauge Frame, Add	*229.51*	
		For 12 Gauge Frame, Add	*348.85*	
08 12 13 13-0031	EA	6' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,232.31	149.62
		For Auxiliary Frame Reinforcement For Hinges, Add	*139.96*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*111.97*	
		For Type 304 Stainless Steel Frame, Add	*1,694.49*	
		For Type 316 Stainless Steel Frame, Add	*1,974.41*	
		For Baked Enamel Finish, Add	*324.81*	
		For 18 Gauge Frame, Deduct	*-93.31*	
		For 14 Gauge Frame, Add	*233.27*	
		For 12 Gauge Frame, Add	*354.57*	
08 12 13 13-0032	EA	7' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,298.27	152.50
		For Auxiliary Frame Reinforcement For Hinges, Add	*148.99*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*119.19*	
		For Type 304 Stainless Steel Frame, Add	*1,803.14*	
		For Type 316 Stainless Steel Frame, Add	*2,101.12*	
		For Baked Enamel Finish, Add	*343.73*	
		For 18 Gauge Frame, Deduct	*-99.33*	
		For 14 Gauge Frame, Add	*248.32*	
		For 12 Gauge Frame, Add	*377.44*	
08 12 13 13-0033	EA	8' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,364.22	155.38
		For Auxiliary Frame Reinforcement For Hinges, Add	*158.02*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*126.42*	
		For Type 304 Stainless Steel Frame, Add	*1,911.78*	
		For Type 316 Stainless Steel Frame, Add	*2,227.82*	
		For Baked Enamel Finish, Add	*362.65*	
		For 18 Gauge Frame, Deduct	*-105.35*	
		For 14 Gauge Frame, Add	*263.37*	
		For 12 Gauge Frame, Add	*400.32*	

08 12 13 13-0034 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*

Note: For non-rated or fire rated frame assemblies

08 12 13 13-0035 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0034)*

08 12 13 13-0036	EA	2' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	804.72	86.32
		For Auxiliary Frame Reinforcement For Hinges, Add	*94.81*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*75.85*	
		For Type 304 Stainless Steel Frame, Add	*1,146.38*	
		For Type 316 Stainless Steel Frame, Add	*1,336.00*	
		For Baked Enamel Finish, Add	*215.52*	
		For 18 Gauge Frame, Deduct	*-63.21*	
		For 14 Gauge Frame, Add	*158.02*	
		For 12 Gauge Frame, Add	*240.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0037	EA	2'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	942.38	94.95
		For Auxiliary Frame Reinforcement For Hinges, Add	*112.87*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*90.30*	
		For Type 304 Stainless Steel Frame, Add	*1,363.96*	
		For Type 316 Stainless Steel Frame, Add	*1,589.70*	
		For Baked Enamel Finish, Add	*254.23*	
		For 18 Gauge Frame, Deduct	*-75.25*	
		For 14 Gauge Frame, Add	*188.12*	
		For 12 Gauge Frame, Add	*285.94*	
08 12 13 13-0038	EA	2'-6" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	965.94	100.70
		For Auxiliary Frame Reinforcement For Hinges, Add	*114.68*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*91.74*	
		For Type 304 Stainless Steel Frame, Add	*1,386.21*	
		For Type 316 Stainless Steel Frame, Add	*1,615.56*	
		For Baked Enamel Finish, Add	*259.57*	
		For 18 Gauge Frame, Deduct	*-76.45*	
		For 14 Gauge Frame, Add	*191.13*	
		For 12 Gauge Frame, Add	*290.52*	
08 12 13 13-0039	EA	2'-8" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	983.20	109.34
		For Auxiliary Frame Reinforcement For Hinges, Add	*114.68*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*91.74*	
		For Type 304 Stainless Steel Frame, Add	*1,387.07*	
		For Type 316 Stainless Steel Frame, Add	*1,616.43*	
		For Baked Enamel Finish, Add	*262.16*	
		For 18 Gauge Frame, Deduct	*-76.45*	
		For 14 Gauge Frame, Add	*191.13*	
		For 12 Gauge Frame, Add	*290.52*	
08 12 13 13-0040	EA	2'-10" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,000.99	112.22
		For Auxiliary Frame Reinforcement For Hinges, Add	*116.48*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*93.19*	
		For Type 304 Stainless Steel Frame, Add	*1,409.03*	
		For Type 316 Stainless Steel Frame, Add	*1,642.00*	
		For Baked Enamel Finish, Add	*266.63*	
		For 18 Gauge Frame, Deduct	*-77.66*	
		For 14 Gauge Frame, Add	*194.14*	
		For 12 Gauge Frame, Add	*295.09*	
08 12 13 13-0041	EA	3' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,018.79	115.09
		For Auxiliary Frame Reinforcement For Hinges, Add	*118.29*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*94.63*	
		For Type 304 Stainless Steel Frame, Add	*1,430.99*	
		For Type 316 Stainless Steel Frame, Add	*1,667.57*	
		For Baked Enamel Finish, Add	*271.11*	
		For 18 Gauge Frame, Deduct	*-78.86*	
		For 14 Gauge Frame, Add	*197.15*	
		For 12 Gauge Frame, Add	*299.67*	
08 12 13 13-0042	EA	3'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,084.47	120.85
		For Auxiliary Frame Reinforcement For Hinges, Add	*126.42*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*101.13*	
		For Type 304 Stainless Steel Frame, Add	*1,529.09*	
		For Type 316 Stainless Steel Frame, Add	*1,781.92*	
		For Baked Enamel Finish, Add	*289.09*	
		For 18 Gauge Frame, Deduct	*-84.28*	
		For 14 Gauge Frame, Add	*210.70*	
		For 12 Gauge Frame, Add	*320.26*	
08 12 13 13-0043	EA	3'-6" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,095.98	126.61
		For Auxiliary Frame Reinforcement For Hinges, Add	*126.42*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*101.13*	
		For Type 304 Stainless Steel Frame, Add	*1,529.66*	
		For Type 316 Stainless Steel Frame, Add	*1,782.50*	
		For Baked Enamel Finish, Add	*290.81*	
		For 18 Gauge Frame, Deduct	*-84.28*	
		For 14 Gauge Frame, Add	*210.70*	
		For 12 Gauge Frame, Add	*320.26*	
08 12 13 13-0044	EA	4' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,137.58	132.35
		For Auxiliary Frame Reinforcement For Hinges, Add	*130.93*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*104.74*	
		For Type 304 Stainless Steel Frame, Add	*1,584.40*	
		For Type 316 Stainless Steel Frame, Add	*1,846.26*	
		For Baked Enamel Finish, Add	*301.57*	
		For 18 Gauge Frame, Deduct	*-87.29*	
		For 14 Gauge Frame, Add	*218.22*	
		For 12 Gauge Frame, Add	*331.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0045	EA	5' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,179.20	138.11
		For Auxiliary Frame Reinforcement For Hinges, Add	*135.45*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*108.36*	
		For Type 304 Stainless Steel Frame, Add	*1,639.16*	
		For Type 316 Stainless Steel Frame, Add	*1,910.05*	
		For Baked Enamel Finish, Add	*312.33*	
		For 18 Gauge Frame, Deduct	*-90.30*	
		For 14 Gauge Frame, Add	*225.74*	
		For 12 Gauge Frame, Add	*343.13*	
08 12 13 13-0046	EA	5'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,190.70	143.86
		For Auxiliary Frame Reinforcement For Hinges, Add	*135.45*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*108.36*	
		For Type 304 Stainless Steel Frame, Add	*1,639.73*	
		For Type 316 Stainless Steel Frame, Add	*1,910.62*	
		For Baked Enamel Finish, Add	*314.05*	
		For 18 Gauge Frame, Deduct	*-90.30*	
		For 14 Gauge Frame, Add	*225.74*	
		For 12 Gauge Frame, Add	*343.13*	
08 12 13 13-0047	EA	5'-8" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,211.51	146.74
		For Auxiliary Frame Reinforcement For Hinges, Add	*137.70*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*110.16*	
		For Type 304 Stainless Steel Frame, Add	*1,667.11*	
		For Type 316 Stainless Steel Frame, Add	*1,942.52*	
		For Baked Enamel Finish, Add	*319.43*	
		For 18 Gauge Frame, Deduct	*-91.80*	
		For 14 Gauge Frame, Add	*229.51*	
		For 12 Gauge Frame, Add	*348.85*	
08 12 13 13-0048	EA	6' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,232.31	149.62
		For Auxiliary Frame Reinforcement For Hinges, Add	*139.96*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*111.97*	
		For Type 304 Stainless Steel Frame, Add	*1,694.49*	
		For Type 316 Stainless Steel Frame, Add	*1,974.41*	
		For Baked Enamel Finish, Add	*324.81*	
		For 18 Gauge Frame, Deduct	*-93.31*	
		For 14 Gauge Frame, Add	*233.27*	
		For 12 Gauge Frame, Add	*354.57*	
08 12 13 13-0049	EA	7' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,298.27	152.50
		For Auxiliary Frame Reinforcement For Hinges, Add	*148.99*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*119.19*	
		For Type 304 Stainless Steel Frame, Add	*1,803.14*	
		For Type 316 Stainless Steel Frame, Add	*2,101.12*	
		For Baked Enamel Finish, Add	*343.73*	
		For 18 Gauge Frame, Deduct	*-99.33*	
		For 14 Gauge Frame, Add	*248.32*	
		For 12 Gauge Frame, Add	*377.44*	
08 12 13 13-0050	EA	8' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,364.22	155.38
		For Auxiliary Frame Reinforcement For Hinges, Add	*158.02*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*126.42*	
		For Type 304 Stainless Steel Frame, Add	*1,911.78*	
		For Type 316 Stainless Steel Frame, Add	*2,227.82*	
		For Baked Enamel Finish, Add	*362.65*	
		For 18 Gauge Frame, Deduct	*-105.35*	
		For 14 Gauge Frame, Add	*263.37*	
		For 12 Gauge Frame, Add	*400.32*	

08 12 13 13-0051 >7'-2" Through 9'-0" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0034)*

08 12 13 13-0052	EA	2' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	874.95	86.32
		For Auxiliary Frame Reinforcement For Hinges, Add	*105.35*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*84.28*	
		For Type 304 Stainless Steel Frame, Add	*1,272.79*	
		For Type 316 Stainless Steel Frame, Add	*1,483.48*	
		For Baked Enamel Finish, Add	*236.59*	
		For 18 Gauge Frame, Deduct	*-70.23*	
		For 14 Gauge Frame, Add	*175.58*	
		For 12 Gauge Frame, Add	*266.88*	
08 12 13 13-0053	EA	2'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,025.99	94.95
		For Auxiliary Frame Reinforcement For Hinges, Add	*125.41*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*100.33*	
		For Type 304 Stainless Steel Frame, Add	*1,514.46*	
		For Type 316 Stainless Steel Frame, Add	*1,765.28*	
		For Baked Enamel Finish, Add	*279.31*	
		For 18 Gauge Frame, Deduct	*-83.61*	
		For 14 Gauge Frame, Add	*209.02*	
		For 12 Gauge Frame, Add	*317.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0054	EA	2'-6" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,050.88	100.70
		For Auxiliary Frame Reinforcement For Hinges, Add	*127.42*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*101.94*	
		For Type 304 Stainless Steel Frame, Add	*1,539.10*	
		For Type 316 Stainless Steel Frame, Add	*1,793.94*	
		For Baked Enamel Finish, Add	*285.05*	
		For 18 Gauge Frame, Deduct	*-84.95*	
		For 14 Gauge Frame, Add	*212.37*	
		For 12 Gauge Frame, Add	*322.79*	
08 12 13 13-0055	EA	2'-8" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,068.14	109.34
		For Auxiliary Frame Reinforcement For Hinges, Add	*127.42*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*101.94*	
		For Type 304 Stainless Steel Frame, Add	*1,539.96*	
		For Type 316 Stainless Steel Frame, Add	*1,794.80*	
		For Baked Enamel Finish, Add	*287.64*	
		For 18 Gauge Frame, Deduct	*-84.95*	
		For 14 Gauge Frame, Add	*212.37*	
		For 12 Gauge Frame, Add	*322.79*	
08 12 13 13-0056	EA	2'-10" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,087.27	112.22
		For Auxiliary Frame Reinforcement For Hinges, Add	*129.43*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*103.54*	
		For Type 304 Stainless Steel Frame, Add	*1,564.33*	
		For Type 316 Stainless Steel Frame, Add	*1,823.19*	
		For Baked Enamel Finish, Add	*292.52*	
		For 18 Gauge Frame, Deduct	*-86.28*	
		For 14 Gauge Frame, Add	*215.71*	
		For 12 Gauge Frame, Add	*327.88*	
08 12 13 13-0057	EA	3' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,106.41	115.09
		For Auxiliary Frame Reinforcement For Hinges, Add	*131.43*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*105.15*	
		For Type 304 Stainless Steel Frame, Add	*1,588.71*	
		For Type 316 Stainless Steel Frame, Add	*1,851.57*	
		For Baked Enamel Finish, Add	*297.39*	
		For 18 Gauge Frame, Deduct	*-87.62*	
		For 14 Gauge Frame, Add	*219.06*	
		For 12 Gauge Frame, Add	*332.96*	
08 12 13 13-0058	EA	3'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,178.11	120.85
		For Auxiliary Frame Reinforcement For Hinges, Add	*140.46*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*112.37*	
		For Type 304 Stainless Steel Frame, Add	*1,697.64*	
		For Type 316 Stainless Steel Frame, Add	*1,978.57*	
		For Baked Enamel Finish, Add	*317.18*	
		For 18 Gauge Frame, Deduct	*-93.64*	
		For 14 Gauge Frame, Add	*234.11*	
		For 12 Gauge Frame, Add	*355.84*	
08 12 13 13-0059	EA	3'-6" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,189.62	126.61
		For Auxiliary Frame Reinforcement For Hinges, Add	*140.46*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*112.37*	
		For Type 304 Stainless Steel Frame, Add	*1,698.22*	
		For Type 316 Stainless Steel Frame, Add	*1,979.14*	
		For Baked Enamel Finish, Add	*318.91*	
		For 18 Gauge Frame, Deduct	*-93.64*	
		For 14 Gauge Frame, Add	*234.11*	
		For 12 Gauge Frame, Add	*355.84*	
08 12 13 13-0060	EA	4' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,234.57	132.35
		For Auxiliary Frame Reinforcement For Hinges, Add	*145.48*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*116.38*	
		For Type 304 Stainless Steel Frame, Add	*1,758.98*	
		For Type 316 Stainless Steel Frame, Add	*2,049.94*	
		For Baked Enamel Finish, Add	*330.66*	
		For 18 Gauge Frame, Deduct	*-96.99*	
		For 14 Gauge Frame, Add	*242.47*	
		For 12 Gauge Frame, Add	*368.55*	
08 12 13 13-0061	EA	5' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,279.53	138.11
		For Auxiliary Frame Reinforcement For Hinges, Add	*150.50*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*120.40*	
		For Type 304 Stainless Steel Frame, Add	*1,819.75*	
		For Type 316 Stainless Steel Frame, Add	*2,120.74*	
		For Baked Enamel Finish, Add	*342.42*	
		For 18 Gauge Frame, Deduct	*-100.33*	
		For 14 Gauge Frame, Add	*250.83*	
		For 12 Gauge Frame, Add	*381.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0062	EA	5'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,291.03	143.86
		For Auxiliary Frame Reinforcement For Hinges, Add	*150.50*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*120.40*	
		For Type 304 Stainless Steel Frame, Add	*1,820.33*	
		For Type 316 Stainless Steel Frame, Add	*2,121.32*	
		For Baked Enamel Finish, Add	*344.15*	
		For 18 Gauge Frame, Deduct	*-100.33*	
		For 14 Gauge Frame, Add	*250.83*	
		For 12 Gauge Frame, Add	*381.25*	
08 12 13 13-0063	EA	5'-8" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,313.52	146.74
		For Auxiliary Frame Reinforcement For Hinges, Add	*153.00*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*122.40*	
		For Type 304 Stainless Steel Frame, Add	*1,850.73*	
		For Type 316 Stainless Steel Frame, Add	*2,156.74*	
		For Baked Enamel Finish, Add	*350.03*	
		For 18 Gauge Frame, Deduct	*-102.00*	
		For 14 Gauge Frame, Add	*255.01*	
		For 12 Gauge Frame, Add	*387.61*	
08 12 13 13-0064	EA	6' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,335.99	149.62
		For Auxiliary Frame Reinforcement For Hinges, Add	*155.51*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*124.41*	
		For Type 304 Stainless Steel Frame, Add	*1,881.11*	
		For Type 316 Stainless Steel Frame, Add	*2,192.14*	
		For Baked Enamel Finish, Add	*355.91*	
		For 18 Gauge Frame, Deduct	*-103.68*	
		For 14 Gauge Frame, Add	*259.19*	
		For 12 Gauge Frame, Add	*393.97*	
08 12 13 13-0065	EA	7' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,408.64	152.50
		For Auxiliary Frame Reinforcement For Hinges, Add	*165.55*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*132.44*	
		For Type 304 Stainless Steel Frame, Add	*2,001.80*	
		For Type 316 Stainless Steel Frame, Add	*2,332.89*	
		For Baked Enamel Finish, Add	*376.84*	
		For 18 Gauge Frame, Deduct	*-110.36*	
		For 14 Gauge Frame, Add	*275.91*	
		For 12 Gauge Frame, Add	*419.38*	
08 12 13 13-0066	EA	8' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,481.27	155.38
		For Auxiliary Frame Reinforcement For Hinges, Add	*175.58*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*140.46*	
		For Type 304 Stainless Steel Frame, Add	*2,122.47*	
		For Type 316 Stainless Steel Frame, Add	*2,473.63*	
		For Baked Enamel Finish, Add	*397.77*	
		For 18 Gauge Frame, Deduct	*-117.05*	
		For 14 Gauge Frame, Add	*292.63*	
		For 12 Gauge Frame, Add	*444.80*	

08 12 13 13-0067 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*

Note: For non-rated or fire rated frame assemblies

08 12 13 13-0068 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0067)*

08 12 13 13-0069	EA	2' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,173.30	86.32
		For Auxiliary Frame Reinforcement For Hinges, Add	*150.10*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*120.08*	
		For Type 304 Stainless Steel Frame, Add	*1,809.82*	
		For Type 316 Stainless Steel Frame, Add	*2,110.02*	
		For Baked Enamel Finish, Add	*326.09*	
		For 18 Gauge Frame, Deduct	*-100.07*	
		For 14 Gauge Frame, Add	*250.17*	
		For 12 Gauge Frame, Add	*380.25*	
08 12 13 13-0070	EA	2'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,381.16	94.95
		For Auxiliary Frame Reinforcement For Hinges, Add	*178.69*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*142.95*	
		For Type 304 Stainless Steel Frame, Add	*2,153.76*	
		For Type 316 Stainless Steel Frame, Add	*2,511.14*	
		For Baked Enamel Finish, Add	*385.86*	
		For 18 Gauge Frame, Deduct	*-119.13*	
		For 14 Gauge Frame, Add	*297.82*	
		For 12 Gauge Frame, Add	*452.68*	
08 12 13 13-0071	EA	2'-6" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,411.74	100.70
		For Auxiliary Frame Reinforcement For Hinges, Add	*181.55*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*145.24*	
		For Type 304 Stainless Steel Frame, Add	*2,188.65*	
		For Type 316 Stainless Steel Frame, Add	*2,551.74*	
		For Baked Enamel Finish, Add	*393.31*	
		For 18 Gauge Frame, Deduct	*-121.03*	
		For 14 Gauge Frame, Add	*302.58*	
		For 12 Gauge Frame, Add	*459.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0072	EA	2'-8" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,429.00	109.34
		For Auxiliary Frame Reinforcement For Hinges, Add	*181.55*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*145.24*	
		For Type 304 Stainless Steel Frame, Add	*2,189.51*	
		For Type 316 Stainless Steel Frame, Add	*2,552.61*	
		For Baked Enamel Finish, Add	*395.90*	
		For 18 Gauge Frame, Deduct	*-121.03*	
		For 14 Gauge Frame, Add	*302.58*	
		For 12 Gauge Frame, Add	*459.92*	
08 12 13 13-0073	EA	2'-10" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,453.81	112.22
		For Auxiliary Frame Reinforcement For Hinges, Add	*184.41*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*147.53*	
		For Type 304 Stainless Steel Frame, Add	*2,224.11*	
		For Type 316 Stainless Steel Frame, Add	*2,592.92*	
		For Baked Enamel Finish, Add	*402.48*	
		For 18 Gauge Frame, Deduct	*-122.94*	
		For 14 Gauge Frame, Add	*307.35*	
		For 12 Gauge Frame, Add	*467.16*	
08 12 13 13-0074	EA	3' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,478.63	115.09
		For Auxiliary Frame Reinforcement For Hinges, Add	*187.27*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*149.81*	
		For Type 304 Stainless Steel Frame, Add	*2,258.70*	
		For Type 316 Stainless Steel Frame, Add	*2,633.23*	
		For Baked Enamel Finish, Add	*409.06*	
		For 18 Gauge Frame, Deduct	*-124.84*	
		For 14 Gauge Frame, Add	*312.11*	
		For 12 Gauge Frame, Add	*474.41*	
08 12 13 13-0075	EA	3'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,575.90	120.85
		For Auxiliary Frame Reinforcement For Hinges, Add	*200.13*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*160.11*	
		For Type 304 Stainless Steel Frame, Add	*2,413.66*	
		For Type 316 Stainless Steel Frame, Add	*2,813.93*	
		For Baked Enamel Finish, Add	*436.52*	
		For 18 Gauge Frame, Deduct	*-133.42*	
		For 14 Gauge Frame, Add	*333.55*	
		For 12 Gauge Frame, Add	*507.00*	
08 12 13 13-0076	EA	3'-6" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,587.41	126.61
		For Auxiliary Frame Reinforcement For Hinges, Add	*200.13*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*160.11*	
		For Type 304 Stainless Steel Frame, Add	*2,414.24*	
		For Type 316 Stainless Steel Frame, Add	*2,814.50*	
		For Baked Enamel Finish, Add	*438.24*	
		For 18 Gauge Frame, Deduct	*-133.42*	
		For 14 Gauge Frame, Add	*333.55*	
		For 12 Gauge Frame, Add	*507.00*	
08 12 13 13-0077	EA	4' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,646.57	132.35
		For Auxiliary Frame Reinforcement For Hinges, Add	*207.28*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*165.82*	
		For Type 304 Stainless Steel Frame, Add	*2,500.58*	
		For Type 316 Stainless Steel Frame, Add	*2,915.14*	
		For Baked Enamel Finish, Add	*454.26*	
		For 18 Gauge Frame, Deduct	*-138.19*	
		For 14 Gauge Frame, Add	*345.47*	
		For 12 Gauge Frame, Add	*525.11*	
08 12 13 13-0078	EA	5' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,705.74	138.11
		For Auxiliary Frame Reinforcement For Hinges, Add	*214.43*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*171.54*	
		For Type 304 Stainless Steel Frame, Add	*2,586.93*	
		For Type 316 Stainless Steel Frame, Add	*3,015.78*	
		For Baked Enamel Finish, Add	*470.29*	
		For 18 Gauge Frame, Deduct	*-142.95*	
		For 14 Gauge Frame, Add	*357.38*	
		For 12 Gauge Frame, Add	*543.21*	
08 12 13 13-0079	EA	5'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,717.24	143.86
		For Auxiliary Frame Reinforcement For Hinges, Add	*214.43*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*171.54*	
		For Type 304 Stainless Steel Frame, Add	*2,587.50*	
		For Type 316 Stainless Steel Frame, Add	*3,016.36*	
		For Baked Enamel Finish, Add	*472.01*	
		For 18 Gauge Frame, Deduct	*-142.95*	
		For 14 Gauge Frame, Add	*357.38*	
		For 12 Gauge Frame, Add	*543.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0080	EA	5'-8" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,746.82	146.74
		For Auxiliary Frame Reinforcement For Hinges, Add	*218.00*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*174.40*	
		For Type 304 Stainless Steel Frame, Add	*2,630.67*	
		For Type 316 Stainless Steel Frame, Add	*3,066.67*	
		For Baked Enamel Finish, Add	*480.02*	
		For 18 Gauge Frame, Deduct	*-145.33*	
		For 14 Gauge Frame, Add	*363.33*	
		For 12 Gauge Frame, Add	*552.27*	
08 12 13 13-0081	EA	6' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,776.40	149.62
		For Auxiliary Frame Reinforcement For Hinges, Add	*221.57*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*177.26*	
		For Type 304 Stainless Steel Frame, Add	*2,673.85*	
		For Type 316 Stainless Steel Frame, Add	*3,117.00*	
		For Baked Enamel Finish, Add	*488.03*	
		For 18 Gauge Frame, Deduct	*-147.72*	
		For 14 Gauge Frame, Add	*369.29*	
		For 12 Gauge Frame, Add	*561.32*	
08 12 13 13-0082	EA	7' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,877.45	152.50
		For Auxiliary Frame Reinforcement For Hinges, Add	*235.87*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*188.69*	
		For Type 304 Stainless Steel Frame, Add	*2,845.66*	
		For Type 316 Stainless Steel Frame, Add	*3,317.40*	
		For Baked Enamel Finish, Add	*517.49*	
		For 18 Gauge Frame, Deduct	*-157.25*	
		For 14 Gauge Frame, Add	*393.11*	
		For 12 Gauge Frame, Add	*597.53*	
08 12 13 13-0083	EA	8' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,978.51	155.38
		For Auxiliary Frame Reinforcement For Hinges, Add	*250.16*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*200.13*	
		For Type 304 Stainless Steel Frame, Add	*3,017.51*	
		For Type 316 Stainless Steel Frame, Add	*3,517.83*	
		For Baked Enamel Finish, Add	*546.94*	
		For 18 Gauge Frame, Deduct	*-166.78*	
		For 14 Gauge Frame, Add	*416.94*	
		For 12 Gauge Frame, Add	*633.75*	

08 12 13 13-0084 >7'-2" Through 9'-0" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0067)*

08 12 13 13-0085	EA	2' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,284.48	86.32
		For Auxiliary Frame Reinforcement For Hinges, Add	*166.78*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*133.42*	
		For Type 304 Stainless Steel Frame, Add	*2,009.94*	
		For Type 316 Stainless Steel Frame, Add	*2,343.50*	
		For Baked Enamel Finish, Add	*359.45*	
		For 18 Gauge Frame, Deduct	*-111.18*	
		For 14 Gauge Frame, Add	*277.96*	
		For 12 Gauge Frame, Add	*422.50*	
08 12 13 13-0086	EA	2'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,513.52	94.95
		For Auxiliary Frame Reinforcement For Hinges, Add	*198.54*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*158.83*	
		For Type 304 Stainless Steel Frame, Add	*2,392.01*	
		For Type 316 Stainless Steel Frame, Add	*2,789.10*	
		For Baked Enamel Finish, Add	*425.57*	
		For 18 Gauge Frame, Deduct	*-132.36*	
		For 14 Gauge Frame, Add	*330.91*	
		For 12 Gauge Frame, Add	*502.98*	
08 12 13 13-0087	EA	2'-6" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,546.22	100.70
		For Auxiliary Frame Reinforcement For Hinges, Add	*201.72*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*161.38*	
		For Type 304 Stainless Steel Frame, Add	*2,430.71*	
		For Type 316 Stainless Steel Frame, Add	*2,834.15*	
		For Baked Enamel Finish, Add	*433.65*	
		For 18 Gauge Frame, Deduct	*-134.48*	
		For 14 Gauge Frame, Add	*336.20*	
		For 12 Gauge Frame, Add	*511.02*	
08 12 13 13-0088	EA	2'-8" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,563.48	109.34
		For Auxiliary Frame Reinforcement For Hinges, Add	*201.72*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*161.38*	
		For Type 304 Stainless Steel Frame, Add	*2,431.57*	
		For Type 316 Stainless Steel Frame, Add	*2,835.01*	
		For Baked Enamel Finish, Add	*436.24*	
		For 18 Gauge Frame, Deduct	*-134.48*	
		For 14 Gauge Frame, Add	*336.20*	
		For 12 Gauge Frame, Add	*511.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0089	EA	2'-10" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,590.40	112.22
		For Auxiliary Frame Reinforcement For Hinges, Add	*204.90*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*163.92*	
		For Type 304 Stainless Steel Frame, Add	*2,469.97*	
		For Type 316 Stainless Steel Frame, Add	*2,879.76*	
		For Baked Enamel Finish, Add	*443.46*	
		For 18 Gauge Frame, Deduct	*-136.60*	
		For 14 Gauge Frame, Add	*341.49*	
		For 12 Gauge Frame, Add	*519.07*	
08 12 13 13-0090	EA	3' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,617.34	115.09
		For Auxiliary Frame Reinforcement For Hinges, Add	*208.07*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*166.46*	
		For Type 304 Stainless Steel Frame, Add	*2,508.38*	
		For Type 316 Stainless Steel Frame, Add	*2,924.52*	
		For Baked Enamel Finish, Add	*450.67*	
		For 18 Gauge Frame, Deduct	*-138.72*	
		For 14 Gauge Frame, Add	*346.79*	
		For 12 Gauge Frame, Add	*527.12*	
08 12 13 13-0091	EA	3'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,724.14	120.85
		For Auxiliary Frame Reinforcement For Hinges, Add	*222.37*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*177.89*	
		For Type 304 Stainless Steel Frame, Add	*2,680.49*	
		For Type 316 Stainless Steel Frame, Add	*3,125.23*	
		For Baked Enamel Finish, Add	*480.99*	
		For 18 Gauge Frame, Deduct	*-148.25*	
		For 14 Gauge Frame, Add	*370.61*	
		For 12 Gauge Frame, Add	*563.33*	
08 12 13 13-0092	EA	3'-6" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,735.65	126.61
		For Auxiliary Frame Reinforcement For Hinges, Add	*222.37*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*177.89*	
		For Type 304 Stainless Steel Frame, Add	*2,681.07*	
		For Type 316 Stainless Steel Frame, Add	*3,125.81*	
		For Baked Enamel Finish, Add	*482.72*	
		For 18 Gauge Frame, Deduct	*-148.25*	
		For 14 Gauge Frame, Add	*370.61*	
		For 12 Gauge Frame, Add	*563.33*	
08 12 13 13-0093	EA	4' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,800.11	132.35
		For Auxiliary Frame Reinforcement For Hinges, Add	*230.31*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*184.25*	
		For Type 304 Stainless Steel Frame, Add	*2,776.96*	
		For Type 316 Stainless Steel Frame, Add	*3,237.58*	
		For Baked Enamel Finish, Add	*500.33*	
		For 18 Gauge Frame, Deduct	*-153.54*	
		For 14 Gauge Frame, Add	*383.85*	
		For 12 Gauge Frame, Add	*583.45*	
08 12 13 13-0094	EA	5' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,864.57	138.11
		For Auxiliary Frame Reinforcement For Hinges, Add	*238.25*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*190.60*	
		For Type 304 Stainless Steel Frame, Add	*2,872.82*	
		For Type 316 Stainless Steel Frame, Add	*3,349.33*	
		For Baked Enamel Finish, Add	*517.94*	
		For 18 Gauge Frame, Deduct	*-158.83*	
		For 14 Gauge Frame, Add	*397.09*	
		For 12 Gauge Frame, Add	*603.57*	
08 12 13 13-0095	EA	5'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,876.07	143.86
		For Auxiliary Frame Reinforcement For Hinges, Add	*238.25*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*190.60*	
		For Type 304 Stainless Steel Frame, Add	*2,873.40*	
		For Type 316 Stainless Steel Frame, Add	*3,349.90*	
		For Baked Enamel Finish, Add	*519.66*	
		For 18 Gauge Frame, Deduct	*-158.83*	
		For 14 Gauge Frame, Add	*397.09*	
		For 12 Gauge Frame, Add	*603.57*	
08 12 13 13-0096	EA	5'-8" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,908.30	146.74
		For Auxiliary Frame Reinforcement For Hinges, Add	*242.22*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*193.78*	
		For Type 304 Stainless Steel Frame, Add	*2,921.33*	
		For Type 316 Stainless Steel Frame, Add	*3,405.78*	
		For Baked Enamel Finish, Add	*528.47*	
		For 18 Gauge Frame, Deduct	*-161.48*	
		For 14 Gauge Frame, Add	*403.70*	
		For 12 Gauge Frame, Add	*613.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0097	EA	6' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,940.53	149.62
		For Auxiliary Frame Reinforcement For Hinges, Add	*246.19*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*196.95*	
		For Type 304 Stainless Steel Frame, Add	*2,969.28*	
		For Type 316 Stainless Steel Frame, Add	*3,461.67*	
		For Baked Enamel Finish, Add	*537.27*	
		For 18 Gauge Frame, Deduct	*-164.13*	
		For 14 Gauge Frame, Add	*410.32*	
		For 12 Gauge Frame, Add	*623.69*	
08 12 13 13-0098	EA	7' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,052.16	152.50
		For Auxiliary Frame Reinforcement For Hinges, Add	*262.07*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*209.66*	
		For Type 304 Stainless Steel Frame, Add	*3,160.14*	
		For Type 316 Stainless Steel Frame, Add	*3,684.29*	
		For Baked Enamel Finish, Add	*569.90*	
		For 18 Gauge Frame, Deduct	*-174.72*	
		For 14 Gauge Frame, Add	*436.79*	
		For 12 Gauge Frame, Add	*663.92*	
08 12 13 13-0099	EA	8' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,163.81	155.38
		For Auxiliary Frame Reinforcement For Hinges, Add	*277.96*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*222.37*	
		For Type 304 Stainless Steel Frame, Add	*3,351.05*	
		For Type 316 Stainless Steel Frame, Add	*3,906.96*	
		For Baked Enamel Finish, Add	*602.53*	
		For 18 Gauge Frame, Deduct	*-185.31*	
		For 14 Gauge Frame, Add	*463.27*	
		For 12 Gauge Frame, Add	*704.16*	

08 12 13 13-0100 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*

Note: For non-rated or fire rated frame assemblies

08 12 13 13-0101 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0100)*

08 12 13 13-0102	EA	2' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,248.35	86.32
		For Auxiliary Frame Reinforcement For Hinges, Add	*161.36*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*129.09*	
		For Type 304 Stainless Steel Frame, Add	*1,944.91*	
		For Type 316 Stainless Steel Frame, Add	*2,267.62*	
		For Baked Enamel Finish, Add	*348.61*	
		For 18 Gauge Frame, Deduct	*-107.57*	
		For 14 Gauge Frame, Add	*268.93*	
		For 12 Gauge Frame, Add	*408.77*	
08 12 13 13-0103	EA	2'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,470.50	94.95
		For Auxiliary Frame Reinforcement For Hinges, Add	*192.09*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*153.67*	
		For Type 304 Stainless Steel Frame, Add	*2,314.58*	
		For Type 316 Stainless Steel Frame, Add	*2,698.76*	
		For Baked Enamel Finish, Add	*412.67*	
		For 18 Gauge Frame, Deduct	*-128.06*	
		For 14 Gauge Frame, Add	*320.15*	
		For 12 Gauge Frame, Add	*486.63*	
08 12 13 13-0104	EA	2'-6" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,502.51	100.70
		For Auxiliary Frame Reinforcement For Hinges, Add	*195.16*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*156.13*	
		For Type 304 Stainless Steel Frame, Add	*2,352.03*	
		For Type 316 Stainless Steel Frame, Add	*2,742.36*	
		For Baked Enamel Finish, Add	*420.54*	
		For 18 Gauge Frame, Deduct	*-130.11*	
		For 14 Gauge Frame, Add	*325.27*	
		For 12 Gauge Frame, Add	*494.41*	
08 12 13 13-0105	EA	2'-8" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,519.77	109.34
		For Auxiliary Frame Reinforcement For Hinges, Add	*195.16*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*156.13*	
		For Type 304 Stainless Steel Frame, Add	*2,352.90*	
		For Type 316 Stainless Steel Frame, Add	*2,743.22*	
		For Baked Enamel Finish, Add	*423.13*	
		For 18 Gauge Frame, Deduct	*-130.11*	
		For 14 Gauge Frame, Add	*325.27*	
		For 12 Gauge Frame, Add	*494.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0106	EA	2'-10" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,546.01	112.22
		For Auxiliary Frame Reinforcement For Hinges, Add	*198.24*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*158.59*	
		For Type 304 Stainless Steel Frame, Add	*2,390.07*	
		For Type 316 Stainless Steel Frame, Add	*2,786.54*	
		For Baked Enamel Finish, Add	*430.14*	
		For 18 Gauge Frame, Deduct	*-132.16*	
		For 14 Gauge Frame, Add	*330.40*	
		For 12 Gauge Frame, Add	*502.20*	
08 12 13 13-0107	EA	3' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,572.26	115.09
		For Auxiliary Frame Reinforcement For Hinges, Add	*201.31*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*161.05*	
		For Type 304 Stainless Steel Frame, Add	*2,427.24*	
		For Type 316 Stainless Steel Frame, Add	*2,829.86*	
		For Baked Enamel Finish, Add	*437.15*	
		For 18 Gauge Frame, Deduct	*-134.21*	
		For 14 Gauge Frame, Add	*335.52*	
		For 12 Gauge Frame, Add	*509.99*	
08 12 13 13-0108	EA	3'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,675.96	120.85
		For Auxiliary Frame Reinforcement For Hinges, Add	*215.14*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*172.11*	
		For Type 304 Stainless Steel Frame, Add	*2,593.77*	
		For Type 316 Stainless Steel Frame, Add	*3,024.05*	
		For Baked Enamel Finish, Add	*466.53*	
		For 18 Gauge Frame, Deduct	*-143.43*	
		For 14 Gauge Frame, Add	*358.57*	
		For 12 Gauge Frame, Add	*545.02*	
08 12 13 13-0109	EA	3'-6" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,687.47	126.61
		For Auxiliary Frame Reinforcement For Hinges, Add	*215.14*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*172.11*	
		For Type 304 Stainless Steel Frame, Add	*2,594.35*	
		For Type 316 Stainless Steel Frame, Add	*3,024.63*	
		For Baked Enamel Finish, Add	*468.26*	
		For 18 Gauge Frame, Deduct	*-143.43*	
		For 14 Gauge Frame, Add	*358.57*	
		For 12 Gauge Frame, Add	*545.02*	
08 12 13 13-0110	EA	4' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,750.21	132.35
		For Auxiliary Frame Reinforcement For Hinges, Add	*222.83*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*178.26*	
		For Type 304 Stainless Steel Frame, Add	*2,687.14*	
		For Type 316 Stainless Steel Frame, Add	*3,132.79*	
		For Baked Enamel Finish, Add	*485.36*	
		For 18 Gauge Frame, Deduct	*-148.55*	
		For 14 Gauge Frame, Add	*371.38*	
		For 12 Gauge Frame, Add	*564.49*	
08 12 13 13-0111	EA	5' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,812.95	138.11
		For Auxiliary Frame Reinforcement For Hinges, Add	*230.51*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*184.41*	
		For Type 304 Stainless Steel Frame, Add	*2,779.91*	
		For Type 316 Stainless Steel Frame, Add	*3,240.92*	
		For Baked Enamel Finish, Add	*502.45*	
		For 18 Gauge Frame, Deduct	*-153.67*	
		For 14 Gauge Frame, Add	*384.18*	
		For 12 Gauge Frame, Add	*583.95*	
08 12 13 13-0112	EA	5'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,824.45	143.86
		For Auxiliary Frame Reinforcement For Hinges, Add	*230.51*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*184.41*	
		For Type 304 Stainless Steel Frame, Add	*2,780.48*	
		For Type 316 Stainless Steel Frame, Add	*3,241.50*	
		For Baked Enamel Finish, Add	*504.18*	
		For 18 Gauge Frame, Deduct	*-153.67*	
		For 14 Gauge Frame, Add	*384.18*	
		For 12 Gauge Frame, Add	*583.95*	
08 12 13 13-0113	EA	5'-8" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,855.82	146.74
		For Auxiliary Frame Reinforcement For Hinges, Add	*234.35*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*187.48*	
		For Type 304 Stainless Steel Frame, Add	*2,826.87*	
		For Type 316 Stainless Steel Frame, Add	*3,295.57*	
		For Baked Enamel Finish, Add	*512.72*	
		For 18 Gauge Frame, Deduct	*-156.23*	
		For 14 Gauge Frame, Add	*390.58*	
		For 12 Gauge Frame, Add	*593.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0114	EA	6' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,887.18	149.62
		For Auxiliary Frame Reinforcement For Hinges, Add	*238.19*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*190.55*	
		For Type 304 Stainless Steel Frame, Add	*2,873.25*	
		For Type 316 Stainless Steel Frame, Add	*3,349.64*	
		For Baked Enamel Finish, Add	*521.27*	
		For 18 Gauge Frame, Deduct	*-158.79*	
		For 14 Gauge Frame, Add	*396.99*	
		For 12 Gauge Frame, Add	*603.42*	
08 12 13 13-0115	EA	7' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,995.38	152.50
		For Auxiliary Frame Reinforcement For Hinges, Add	*253.56*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*202.85*	
		For Type 304 Stainless Steel Frame, Add	*3,057.93*	
		For Type 316 Stainless Steel Frame, Add	*3,565.05*	
		For Baked Enamel Finish, Add	*552.86*	
		For 18 Gauge Frame, Deduct	*-169.04*	
		For 14 Gauge Frame, Add	*422.60*	
		For 12 Gauge Frame, Add	*642.34*	
08 12 13 13-0116	EA	8' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,103.59	155.38
		For Auxiliary Frame Reinforcement For Hinges, Add	*268.93*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*215.14*	
		For Type 304 Stainless Steel Frame, Add	*3,242.65*	
		For Type 316 Stainless Steel Frame, Add	*3,780.50*	
		For Baked Enamel Finish, Add	*584.46*	
		For 18 Gauge Frame, Deduct	*-179.28*	
		For 14 Gauge Frame, Add	*448.21*	
		For 12 Gauge Frame, Add	*681.28*	

08 12 13 13-0117 >7'-2" Through 9'-0" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0100)*

08 12 13 13-0118	EA	2' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,367.87	86.32
		For Auxiliary Frame Reinforcement For Hinges, Add	*179.28*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*143.43*	
		For Type 304 Stainless Steel Frame, Add	*2,160.05*	
		For Type 316 Stainless Steel Frame, Add	*2,518.62*	
		For Baked Enamel Finish, Add	*384.47*	
		For 18 Gauge Frame, Deduct	*-119.52*	
		For 14 Gauge Frame, Add	*298.81*	
		For 12 Gauge Frame, Add	*454.19*	
08 12 13 13-0119	EA	2'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,612.79	94.95
		For Auxiliary Frame Reinforcement For Hinges, Add	*213.43*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*170.75*	
		For Type 304 Stainless Steel Frame, Add	*2,570.70*	
		For Type 316 Stainless Steel Frame, Add	*2,997.56*	
		For Baked Enamel Finish, Add	*455.35*	
		For 18 Gauge Frame, Deduct	*-142.29*	
		For 14 Gauge Frame, Add	*355.72*	
		For 12 Gauge Frame, Add	*540.70*	
08 12 13 13-0120	EA	2'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,647.07	100.70
		For Auxiliary Frame Reinforcement For Hinges, Add	*216.85*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*173.48*	
		For Type 304 Stainless Steel Frame, Add	*2,612.24*	
		For Type 316 Stainless Steel Frame, Add	*3,045.94*	
		For Baked Enamel Finish, Add	*463.91*	
		For 18 Gauge Frame, Deduct	*-144.57*	
		For 14 Gauge Frame, Add	*361.41*	
		For 12 Gauge Frame, Add	*549.35*	
08 12 13 13-0121	EA	2'-8" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,664.33	109.34
		For Auxiliary Frame Reinforcement For Hinges, Add	*216.85*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*173.48*	
		For Type 304 Stainless Steel Frame, Add	*2,613.10*	
		For Type 316 Stainless Steel Frame, Add	*3,046.80*	
		For Baked Enamel Finish, Add	*466.50*	
		For 18 Gauge Frame, Deduct	*-144.57*	
		For 14 Gauge Frame, Add	*361.41*	
		For 12 Gauge Frame, Add	*549.35*	
08 12 13 13-0122	EA	2'-10" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,692.85	112.22
		For Auxiliary Frame Reinforcement For Hinges, Add	*220.26*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*176.21*	
		For Type 304 Stainless Steel Frame, Add	*2,654.38*	
		For Type 316 Stainless Steel Frame, Add	*3,094.90*	
		For Baked Enamel Finish, Add	*474.19*	
		For 18 Gauge Frame, Deduct	*-146.84*	
		For 14 Gauge Frame, Add	*367.11*	
		For 12 Gauge Frame, Add	*558.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0123	EA	3' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,721.38	115.09
		For Auxiliary Frame Reinforcement For Hinges, Add	*223.68*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*178.94*	
		For Type 304 Stainless Steel Frame, Add	*2,695.65*	
		For Type 316 Stainless Steel Frame, Add	*3,143.01*	
		For Baked Enamel Finish, Add	*481.89*	
		For 18 Gauge Frame, Deduct	*-149.12*	
		For 14 Gauge Frame, Add	*372.80*	
		For 12 Gauge Frame, Add	*566.65*	
08 12 13 13-0124	EA	3'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,835.33	120.85
		For Auxiliary Frame Reinforcement For Hinges, Add	*239.05*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*191.24*	
		For Type 304 Stainless Steel Frame, Add	*2,880.64*	
		For Type 316 Stainless Steel Frame, Add	*3,358.73*	
		For Baked Enamel Finish, Add	*514.35*	
		For 18 Gauge Frame, Deduct	*-159.36*	
		For 14 Gauge Frame, Add	*398.41*	
		For 12 Gauge Frame, Add	*605.58*	
08 12 13 13-0125	EA	3'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,846.84	126.61
		For Auxiliary Frame Reinforcement For Hinges, Add	*239.05*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*191.24*	
		For Type 304 Stainless Steel Frame, Add	*2,881.21*	
		For Type 316 Stainless Steel Frame, Add	*3,359.30*	
		For Baked Enamel Finish, Add	*516.07*	
		For 18 Gauge Frame, Deduct	*-159.36*	
		For 14 Gauge Frame, Add	*398.41*	
		For 12 Gauge Frame, Add	*605.58*	
08 12 13 13-0126	EA	4' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,915.26	132.35
		For Auxiliary Frame Reinforcement For Hinges, Add	*247.58*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*198.07*	
		For Type 304 Stainless Steel Frame, Add	*2,984.23*	
		For Type 316 Stainless Steel Frame, Add	*3,479.39*	
		For Baked Enamel Finish, Add	*534.87*	
		For 18 Gauge Frame, Deduct	*-165.06*	
		For 14 Gauge Frame, Add	*412.64*	
		For 12 Gauge Frame, Add	*627.21*	
08 12 13 13-0127	EA	5' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,983.70	138.11
		For Auxiliary Frame Reinforcement For Hinges, Add	*256.12*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*204.90*	
		For Type 304 Stainless Steel Frame, Add	*3,087.26*	
		For Type 316 Stainless Steel Frame, Add	*3,599.50*	
		For Baked Enamel Finish, Add	*553.68*	
		For 18 Gauge Frame, Deduct	*-170.75*	
		For 14 Gauge Frame, Add	*426.87*	
		For 12 Gauge Frame, Add	*648.84*	
08 12 13 13-0128	EA	5'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,995.20	143.86
		For Auxiliary Frame Reinforcement For Hinges, Add	*256.12*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*204.90*	
		For Type 304 Stainless Steel Frame, Add	*3,087.83*	
		For Type 316 Stainless Steel Frame, Add	*3,600.07*	
		For Baked Enamel Finish, Add	*555.40*	
		For 18 Gauge Frame, Deduct	*-170.75*	
		For 14 Gauge Frame, Add	*426.87*	
		For 12 Gauge Frame, Add	*648.84*	
08 12 13 13-0129	EA	5'-8" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,029.41	146.74
		For Auxiliary Frame Reinforcement For Hinges, Add	*260.39*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*208.31*	
		For Type 304 Stainless Steel Frame, Add	*3,139.33*	
		For Type 316 Stainless Steel Frame, Add	*3,660.11*	
		For Baked Enamel Finish, Add	*564.80*	
		For 18 Gauge Frame, Deduct	*-173.59*	
		For 14 Gauge Frame, Add	*433.98*	
		For 12 Gauge Frame, Add	*659.65*	
08 12 13 13-0130	EA	6' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,063.62	149.62
		For Auxiliary Frame Reinforcement For Hinges, Add	*264.66*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*211.73*	
		For Type 304 Stainless Steel Frame, Add	*3,190.85*	
		For Type 316 Stainless Steel Frame, Add	*3,720.16*	
		For Baked Enamel Finish, Add	*574.20*	
		For 18 Gauge Frame, Deduct	*-176.44*	
		For 14 Gauge Frame, Add	*441.10*	
		For 12 Gauge Frame, Add	*670.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0131	EA	7' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,183.19	152.50
		For Auxiliary Frame Reinforcement For Hinges, Add	*281.73*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*225.38*	
		For Type 304 Stainless Steel Frame, Add	*3,395.99*	
		For Type 316 Stainless Steel Frame, Add	*3,959.45*	
		For Baked Enamel Finish, Add	*609.21*	
		For 18 Gauge Frame, Deduct	*-187.82*	
		For 14 Gauge Frame, Add	*469.55*	
		For 12 Gauge Frame, Add	*713.71*	
08 12 13 13-0132	EA	8' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,302.79	155.38
		For Auxiliary Frame Reinforcement For Hinges, Add	*298.81*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*239.04*	
		For Type 304 Stainless Steel Frame, Add	*3,601.21*	
		For Type 316 Stainless Steel Frame, Add	*4,198.82*	
		For Baked Enamel Finish, Add	*644.22*	
		For 18 Gauge Frame, Deduct	*-199.20*	
		For 14 Gauge Frame, Add	*498.01*	
		For 12 Gauge Frame, Add	*756.98*	

08 12 13 13-0133 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*

Note: For non-rated or fire rated frame assemblies

08 12 13 13-0134 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0133)*

08 12 13 13-0135	EA	2' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,298.38	86.32
		For Auxiliary Frame Reinforcement For Hinges, Add	*168.86*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*135.09*	
		For Type 304 Stainless Steel Frame, Add	*2,034.96*	
		For Type 316 Stainless Steel Frame, Add	*2,372.69*	
		For Baked Enamel Finish, Add	*363.62*	
		For 18 Gauge Frame, Deduct	*-112.57*	
		For 14 Gauge Frame, Add	*281.44*	
		For 12 Gauge Frame, Add	*427.78*	
08 12 13 13-0136	EA	2'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,530.06	94.95
		For Auxiliary Frame Reinforcement For Hinges, Add	*201.02*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*160.82*	
		For Type 304 Stainless Steel Frame, Add	*2,421.78*	
		For Type 316 Stainless Steel Frame, Add	*2,823.83*	
		For Baked Enamel Finish, Add	*430.53*	
		For 18 Gauge Frame, Deduct	*-134.02*	
		For 14 Gauge Frame, Add	*335.04*	
		For 12 Gauge Frame, Add	*509.26*	
08 12 13 13-0137	EA	2'-6" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,563.03	100.70
		For Auxiliary Frame Reinforcement For Hinges, Add	*204.24*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*163.39*	
		For Type 304 Stainless Steel Frame, Add	*2,460.97*	
		For Type 316 Stainless Steel Frame, Add	*2,869.45*	
		For Baked Enamel Finish, Add	*438.70*	
		For 18 Gauge Frame, Deduct	*-136.16*	
		For 14 Gauge Frame, Add	*340.40*	
		For 12 Gauge Frame, Add	*517.41*	
08 12 13 13-0138	EA	2'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,580.29	109.34
		For Auxiliary Frame Reinforcement For Hinges, Add	*204.24*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*163.39*	
		For Type 304 Stainless Steel Frame, Add	*2,461.83*	
		For Type 316 Stainless Steel Frame, Add	*2,870.32*	
		For Baked Enamel Finish, Add	*441.29*	
		For 18 Gauge Frame, Deduct	*-136.16*	
		For 14 Gauge Frame, Add	*340.40*	
		For 12 Gauge Frame, Add	*517.41*	
08 12 13 13-0139	EA	2'-10" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,607.48	112.22
		For Auxiliary Frame Reinforcement For Hinges, Add	*207.46*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*165.97*	
		For Type 304 Stainless Steel Frame, Add	*2,500.71*	
		For Type 316 Stainless Steel Frame, Add	*2,915.63*	
		For Baked Enamel Finish, Add	*448.58*	
		For 18 Gauge Frame, Deduct	*-138.31*	
		For 14 Gauge Frame, Add	*345.76*	
		For 12 Gauge Frame, Add	*525.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0140	EA	3' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,634.68	115.09
		For Auxiliary Frame Reinforcement For Hinges, Add	*210.67*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*168.54*	
		For Type 304 Stainless Steel Frame, Add	*2,539.59*	
		For Type 316 Stainless Steel Frame, Add	*2,960.94*	
		For Baked Enamel Finish, Add	*455.88*	
		For 18 Gauge Frame, Deduct	*-140.45*	
		For 14 Gauge Frame, Add	*351.12*	
		For 12 Gauge Frame, Add	*533.71*	
08 12 13 13-0141	EA	3'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,742.67	120.85
		For Auxiliary Frame Reinforcement For Hinges, Add	*225.15*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*180.12*	
		For Type 304 Stainless Steel Frame, Add	*2,713.85*	
		For Type 316 Stainless Steel Frame, Add	*3,164.14*	
		For Baked Enamel Finish, Add	*486.55*	
		For 18 Gauge Frame, Deduct	*-150.10*	
		For 14 Gauge Frame, Add	*375.25*	
		For 12 Gauge Frame, Add	*570.37*	
08 12 13 13-0142	EA	3'-6" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,754.18	126.61
		For Auxiliary Frame Reinforcement For Hinges, Add	*225.15*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*180.12*	
		For Type 304 Stainless Steel Frame, Add	*2,714.42*	
		For Type 316 Stainless Steel Frame, Add	*3,164.72*	
		For Baked Enamel Finish, Add	*488.27*	
		For 18 Gauge Frame, Deduct	*-150.10*	
		For 14 Gauge Frame, Add	*375.25*	
		For 12 Gauge Frame, Add	*570.37*	
08 12 13 13-0143	EA	4' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,819.30	132.35
		For Auxiliary Frame Reinforcement For Hinges, Add	*233.19*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*186.55*	
		For Type 304 Stainless Steel Frame, Add	*2,811.50*	
		For Type 316 Stainless Steel Frame, Add	*3,277.87*	
		For Baked Enamel Finish, Add	*506.08*	
		For 18 Gauge Frame, Deduct	*-155.46*	
		For 14 Gauge Frame, Add	*388.65*	
		For 12 Gauge Frame, Add	*590.74*	
08 12 13 13-0144	EA	5' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,884.43	138.11
		For Auxiliary Frame Reinforcement For Hinges, Add	*241.23*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*192.98*	
		For Type 304 Stainless Steel Frame, Add	*2,908.57*	
		For Type 316 Stainless Steel Frame, Add	*3,391.03*	
		For Baked Enamel Finish, Add	*523.89*	
		For 18 Gauge Frame, Deduct	*-160.82*	
		For 14 Gauge Frame, Add	*402.05*	
		For 12 Gauge Frame, Add	*611.12*	
08 12 13 13-0145	EA	5'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,895.93	143.86
		For Auxiliary Frame Reinforcement For Hinges, Add	*241.23*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*192.98*	
		For Type 304 Stainless Steel Frame, Add	*2,909.15*	
		For Type 316 Stainless Steel Frame, Add	*3,391.61*	
		For Baked Enamel Finish, Add	*525.62*	
		For 18 Gauge Frame, Deduct	*-160.82*	
		For 14 Gauge Frame, Add	*402.05*	
		For 12 Gauge Frame, Add	*611.12*	
08 12 13 13-0146	EA	5'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,928.49	146.74
		For Auxiliary Frame Reinforcement For Hinges, Add	*245.25*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*196.20*	
		For Type 304 Stainless Steel Frame, Add	*2,957.67*	
		For Type 316 Stainless Steel Frame, Add	*3,448.17*	
		For Baked Enamel Finish, Add	*534.52*	
		For 18 Gauge Frame, Deduct	*-163.50*	
		For 14 Gauge Frame, Add	*408.75*	
		For 12 Gauge Frame, Add	*621.30*	
08 12 13 13-0147	EA	6' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,961.04	149.62
		For Auxiliary Frame Reinforcement For Hinges, Add	*249.27*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*199.42*	
		For Type 304 Stainless Steel Frame, Add	*3,006.20*	
		For Type 316 Stainless Steel Frame, Add	*3,504.74*	
		For Baked Enamel Finish, Add	*543.43*	
		For 18 Gauge Frame, Deduct	*-166.18*	
		For 14 Gauge Frame, Add	*415.45*	
		For 12 Gauge Frame, Add	*631.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0148	EA	7' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,074.00	152.50
		For Auxiliary Frame Reinforcement For Hinges, Add	*265.35*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*212.28*	
		For Type 304 Stainless Steel Frame, Add	*3,199.45*	
		For Type 316 Stainless Steel Frame, Add	*3,730.15*	
		For Baked Enamel Finish, Add	*576.45*	
		For 18 Gauge Frame, Deduct	*-176.90*	
		For 14 Gauge Frame, Add	*442.25*	
		For 12 Gauge Frame, Add	*672.22*	
08 12 13 13-0149	EA	8' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,186.98	155.38
		For Auxiliary Frame Reinforcement For Hinges, Add	*281.43*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*225.15*	
		For Type 304 Stainless Steel Frame, Add	*3,392.75*	
		For Type 316 Stainless Steel Frame, Add	*3,955.62*	
		For Baked Enamel Finish, Add	*609.48*	
		For 18 Gauge Frame, Deduct	*-187.62*	
		For 14 Gauge Frame, Add	*469.06*	
		For 12 Gauge Frame, Add	*712.97*	
08 12 13 13-0150		**>7'-2" Through 9'-0" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames** *(08 12 13 13-0133)*		
08 12 13 13-0151	EA	2' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,423.46	86.32
		For Auxiliary Frame Reinforcement For Hinges, Add	*187.62*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*150.10*	
		For Type 304 Stainless Steel Frame, Add	*2,260.11*	
		For Type 316 Stainless Steel Frame, Add	*2,635.35*	
		For Baked Enamel Finish, Add	*401.14*	
		For 18 Gauge Frame, Deduct	*-125.08*	
		For 14 Gauge Frame, Add	*312.71*	
		For 12 Gauge Frame, Add	*475.31*	
08 12 13 13-0152	EA	2'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,678.97	94.95
		For Auxiliary Frame Reinforcement For Hinges, Add	*223.36*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*178.69*	
		For Type 304 Stainless Steel Frame, Add	*2,689.82*	
		For Type 316 Stainless Steel Frame, Add	*3,136.54*	
		For Baked Enamel Finish, Add	*475.21*	
		For 18 Gauge Frame, Deduct	*-148.91*	
		For 14 Gauge Frame, Add	*372.27*	
		For 12 Gauge Frame, Add	*565.85*	
08 12 13 13-0153	EA	2'-6" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,714.31	100.70
		For Auxiliary Frame Reinforcement For Hinges, Add	*226.93*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*181.55*	
		For Type 304 Stainless Steel Frame, Add	*2,733.27*	
		For Type 316 Stainless Steel Frame, Add	*3,187.14*	
		For Baked Enamel Finish, Add	*484.08*	
		For 18 Gauge Frame, Deduct	*-151.29*	
		For 14 Gauge Frame, Add	*378.22*	
		For 12 Gauge Frame, Add	*574.90*	
08 12 13 13-0154	EA	2'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,731.57	109.34
		For Auxiliary Frame Reinforcement For Hinges, Add	*226.93*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*181.55*	
		For Type 304 Stainless Steel Frame, Add	*2,734.14*	
		For Type 316 Stainless Steel Frame, Add	*3,188.00*	
		For Baked Enamel Finish, Add	*486.67*	
		For 18 Gauge Frame, Deduct	*-151.29*	
		For 14 Gauge Frame, Add	*378.22*	
		For 12 Gauge Frame, Add	*574.90*	
08 12 13 13-0155	EA	2'-10" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,761.15	112.22
		For Auxiliary Frame Reinforcement For Hinges, Add	*230.51*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*184.41*	
		For Type 304 Stainless Steel Frame, Add	*2,777.32*	
		For Type 316 Stainless Steel Frame, Add	*3,238.33*	
		For Baked Enamel Finish, Add	*494.68*	
		For 18 Gauge Frame, Deduct	*-153.67*	
		For 14 Gauge Frame, Add	*384.18*	
		For 12 Gauge Frame, Add	*583.95*	
08 12 13 13-0156	EA	3' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,790.74	115.09
		For Auxiliary Frame Reinforcement For Hinges, Add	*234.08*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*187.27*	
		For Type 304 Stainless Steel Frame, Add	*2,820.50*	
		For Type 316 Stainless Steel Frame, Add	*3,288.66*	
		For Baked Enamel Finish, Add	*502.69*	
		For 18 Gauge Frame, Deduct	*-156.06*	
		For 14 Gauge Frame, Add	*390.14*	
		For 12 Gauge Frame, Add	*593.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0157	EA	3'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,909.45	120.85
		For Auxiliary Frame Reinforcement For Hinges, Add	*250.16*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*200.13*	
		For Type 304 Stainless Steel Frame, Add	*3,014.05*	
		For Type 316 Stainless Steel Frame, Add	*3,514.38*	
		For Baked Enamel Finish, Add	*536.58*	
		For 18 Gauge Frame, Deduct	*-166.78*	
		For 14 Gauge Frame, Add	*416.94*	
		For 12 Gauge Frame, Add	*633.75*	
08 12 13 13-0158	EA	3'-6" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,920.96	126.61
		For Auxiliary Frame Reinforcement For Hinges, Add	*250.16*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*200.13*	
		For Type 304 Stainless Steel Frame, Add	*3,014.63*	
		For Type 316 Stainless Steel Frame, Add	*3,514.96*	
		For Baked Enamel Finish, Add	*538.31*	
		For 18 Gauge Frame, Deduct	*-166.78*	
		For 14 Gauge Frame, Add	*416.94*	
		For 12 Gauge Frame, Add	*633.75*	
08 12 13 13-0159	EA	4' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,992.03	132.35
		For Auxiliary Frame Reinforcement For Hinges, Add	*259.10*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*207.28*	
		For Type 304 Stainless Steel Frame, Add	*3,122.41*	
		For Type 316 Stainless Steel Frame, Add	*3,640.61*	
		For Baked Enamel Finish, Add	*557.90*	
		For 18 Gauge Frame, Deduct	*-172.73*	
		For 14 Gauge Frame, Add	*431.83*	
		For 12 Gauge Frame, Add	*656.38*	
08 12 13 13-0160	EA	5' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,063.11	138.11
		For Auxiliary Frame Reinforcement For Hinges, Add	*268.03*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*214.43*	
		For Type 304 Stainless Steel Frame, Add	*3,230.20*	
		For Type 316 Stainless Steel Frame, Add	*3,766.26*	
		For Baked Enamel Finish, Add	*577.50*	
		For 18 Gauge Frame, Deduct	*-178.69*	
		For 14 Gauge Frame, Add	*446.72*	
		For 12 Gauge Frame, Add	*679.01*	
08 12 13 13-0161	EA	5'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,074.61	143.86
		For Auxiliary Frame Reinforcement For Hinges, Add	*268.03*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*214.43*	
		For Type 304 Stainless Steel Frame, Add	*3,230.77*	
		For Type 316 Stainless Steel Frame, Add	*3,766.83*	
		For Baked Enamel Finish, Add	*579.22*	
		For 18 Gauge Frame, Deduct	*-178.69*	
		For 14 Gauge Frame, Add	*446.72*	
		For 12 Gauge Frame, Add	*679.01*	
08 12 13 13-0162	EA	5'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,110.16	146.74
		For Auxiliary Frame Reinforcement For Hinges, Add	*272.50*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*218.00*	
		For Type 304 Stainless Steel Frame, Add	*3,284.68*	
		For Type 316 Stainless Steel Frame, Add	*3,829.68*	
		For Baked Enamel Finish, Add	*589.02*	
		For 18 Gauge Frame, Deduct	*-181.67*	
		For 14 Gauge Frame, Add	*454.17*	
		For 12 Gauge Frame, Add	*690.33*	
08 12 13 13-0163	EA	6' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,145.69	149.62
		For Auxiliary Frame Reinforcement For Hinges, Add	*276.97*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*221.57*	
		For Type 304 Stainless Steel Frame, Add	*3,338.57*	
		For Type 316 Stainless Steel Frame, Add	*3,892.51*	
		For Baked Enamel Finish, Add	*598.82*	
		For 18 Gauge Frame, Deduct	*-184.65*	
		For 14 Gauge Frame, Add	*461.61*	
		For 12 Gauge Frame, Add	*701.65*	
08 12 13 13-0164	EA	7' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,270.55	152.50
		For Auxiliary Frame Reinforcement For Hinges, Add	*294.83*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*235.87*	
		For Type 304 Stainless Steel Frame, Add	*3,553.24*	
		For Type 316 Stainless Steel Frame, Add	*4,142.91*	
		For Baked Enamel Finish, Add	*635.42*	
		For 18 Gauge Frame, Deduct	*-196.56*	
		For 14 Gauge Frame, Add	*491.39*	
		For 12 Gauge Frame, Add	*746.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0165	EA	8' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,395.45	155.38
		For Auxiliary Frame Reinforcement For Hinges, Add	*312.71*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*250.16*	
		For Type 304 Stainless Steel Frame, Add	*3,768.00*	
		For Type 316 Stainless Steel Frame, Add	*4,393.41*	
		For Baked Enamel Finish, Add	*672.02*	
		For 18 Gauge Frame, Deduct	*-208.47*	
		For 14 Gauge Frame, Add	*521.18*	
		For 12 Gauge Frame, Add	*792.19*	
08 12 13 13-0166		**Sidelights And Transoms** *(08 12 13 13)*		
		Note: For non-rated or fire rated frame assemblies		
08 12 13 13-0167		**Operable Steel Transom Sash** *(08 12 13 13-0166)*		
		Note: Includes hardware.		
08 12 13 13-0168	SF	4-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash	201.86	16.12
		For 18 Gauge Frame, Deduct	*-16.96*	
		For 14 Gauge Frame, Add	*42.41*	
		For 12 Gauge Frame, Add	*64.46*	
08 12 13 13-0169	SF	5-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash	211.50	16.69
		For 18 Gauge Frame, Deduct	*-17.81*	
		For 14 Gauge Frame, Add	*44.53*	
		For 12 Gauge Frame, Add	*67.69*	
08 12 13 13-0170	SF	6-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash	221.55	17.27
		For 18 Gauge Frame, Deduct	*-18.70*	
		For 14 Gauge Frame, Add	*46.76*	
		For 12 Gauge Frame, Add	*71.07*	
08 12 13 13-0171		**Sidelights, Steel Frame** *(08 12 13 13-0166)*		
		Note: Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.		
08 12 13 13-0172	SF	4-3/4" Deep Sidelights, 16 Gauge Frame	141.01	16.12
		For 18 Gauge Frame, Deduct	*-10.88*	
		For 14 Gauge Frame, Add	*27.20*	
		For 12 Gauge Frame, Add	*41.34*	
08 12 13 13-0173	SF	5-3/4" Deep Sidelights, 16 Gauge Frame	147.61	16.69
		For 18 Gauge Frame, Deduct	*-11.42*	
		For 14 Gauge Frame, Add	*28.56*	
		For 12 Gauge Frame, Add	*43.41*	
08 12 13 13-0174	SF	6-3/4" Deep Sidelights, 16 Gauge Frame	154.45	17.27
		For 18 Gauge Frame, Deduct	*-11.99*	
		For 14 Gauge Frame, Add	*29.98*	
		For 12 Gauge Frame, Add	*45.57*	
08 12 13 13-0175		**Sundry Hollow Metal Frame Sections** *(08 12 13 13)*		
		Note: For non-rated or fire rated frame assemblies		
08 12 13 13-0176		**16 Gauge, Hollow Metal Frame Vertical Mullions** *(08 12 13 13-0175)*		
08 12 13 13-0177	LF	4-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion	34.33	6.44
		For 18 Gauge Frame, Deduct	*-1.81*	
		For 14 Gauge Frame, Add	*4.53*	
		For 12 Gauge Frame, Add	*6.89*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0178	LF	4-3/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion	35.06	6.44
		For 18 Gauge Frame, Deduct	*-1.89*	
		For 14 Gauge Frame, Add	*4.71*	
		For 12 Gauge Frame, Add	*7.16*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0179	LF	5-1/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion	34.80	6.67
		For 18 Gauge Frame, Deduct	*-1.81*	
		For 14 Gauge Frame, Add	*4.53*	
		For 12 Gauge Frame, Add	*6.89*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0180	LF	5-1/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion	35.93	6.67
		For 18 Gauge Frame, Deduct	*-1.93*	
		For 14 Gauge Frame, Add	*4.81*	
		For 12 Gauge Frame, Add	*7.32*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0181	LF	6-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion	36.07	6.80
		For 18 Gauge Frame, Deduct	*-1.90*	
		For 14 Gauge Frame, Add	*4.76*	
		For 12 Gauge Frame, Add	*7.23*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0182	LF	6-3/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion	36.51	6.80
		For 18 Gauge Frame, Deduct	*-1.95*	
		For 14 Gauge Frame, Add	*4.87*	
		For 12 Gauge Frame, Add	*7.39*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	

08 12 13 13-0183 16 Gauge, Hollow Metal Frame Horizontal Rails *(08 12 13 13-0175)*

08 12 13 13-0184	LF	4-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail	25.27	6.44
		For 18 Gauge Frame, Deduct	*-0.91*	
		For 14 Gauge Frame, Add	*2.27*	
		For 12 Gauge Frame, Add	*3.44*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0185	LF	4-3/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail	26.19	6.44
		For 18 Gauge Frame, Deduct	*-1.00*	
		For 14 Gauge Frame, Add	*2.50*	
		For 12 Gauge Frame, Add	*3.79*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0186	LF	5-1/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail	25.74	6.67
		For 18 Gauge Frame, Deduct	*-0.91*	
		For 14 Gauge Frame, Add	*2.27*	
		For 12 Gauge Frame, Add	*3.44*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0187	LF	5-1/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail	26.66	6.67
		For 18 Gauge Frame, Deduct	*-1.00*	
		For 14 Gauge Frame, Add	*2.50*	
		For 12 Gauge Frame, Add	*3.79*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0188	LF	6-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail	26.56	6.80
		For 18 Gauge Frame, Deduct	*-0.95*	
		For 14 Gauge Frame, Add	*2.38*	
		For 12 Gauge Frame, Add	*3.61*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0189	LF	6-3/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail	27.37	6.80
		For 18 Gauge Frame, Deduct	*-1.03*	
		For 14 Gauge Frame, Add	*2.58*	
		For 12 Gauge Frame, Add	*3.92*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	

08 12 13 13-0190 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullions *(08 12 13 13-0175)*

08 12 13 13-0191	EA	4-3/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	831.81	45.11
		For 18 Gauge Frame, Deduct	*-71.90*	
		For 14 Gauge Frame, Add	*179.76*	
		For 12 Gauge Frame, Add	*273.23*	
08 12 13 13-0192	EA	4-3/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	860.49	45.11
		For 18 Gauge Frame, Deduct	*-74.77*	
		For 14 Gauge Frame, Add	*186.93*	
		For 12 Gauge Frame, Add	*284.13*	
08 12 13 13-0193	EA	5-1/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	951.01	47.19
		For 18 Gauge Frame, Deduct	*-83.48*	
		For 14 Gauge Frame, Add	*208.69*	
		For 12 Gauge Frame, Add	*317.21*	
		For 3 Hour Frame, Add	*56.00*	
		For 1-1/2 Hour Frame, Add	*36.00*	
		For 3/4 Hour Frame, Add	*28.00*	
08 12 13 13-0194	EA	5-1/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	976.61	47.19
		For 18 Gauge Frame, Deduct	*-86.04*	
		For 14 Gauge Frame, Add	*215.09*	
		For 12 Gauge Frame, Add	*326.94*	
		For 3 Hour Frame, Add	*56.00*	
		For 1-1/2 Hour Frame, Add	*36.00*	
		For 3/4 Hour Frame, Add	*28.00*	
08 12 13 13-0195	EA	6-3/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	1,102.07	48.34
		For 18 Gauge Frame, Deduct	*-98.12*	
		For 14 Gauge Frame, Add	*245.31*	
		For 12 Gauge Frame, Add	*372.86*	
		For 3 Hour Frame, Add	*56.00*	
		For 1-1/2 Hour Frame, Add	*36.00*	
		For 3/4 Hour Frame, Add	*28.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0196	EA	6-3/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	1,119.49	48.34
		For 18 Gauge Frame, Deduct	*-99.86*	
		For 14 Gauge Frame, Add	*249.66*	
		For 12 Gauge Frame, Add	*379.48*	
		For 3 Hour Frame, Add	*56.00*	
		For 1-1/2 Hour Frame, Add	*36.00*	
		For 3/4 Hour Frame, Add	*28.00*	
08 12 13 13-0197		Metal Frames Accessories *(08 12 13 13)*		
08 12 13 13-0198	EA	For 1' Extension Of New Door Frame	32.52	

08 13 Metal Doors *(08 10)*

Note: Includes machining for all hardware. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 13 13 Hollow Metal Doors *(08 13)*

08 13 13 13 Standard Hollow Metal Doors *(08 13 13)*

Note: Hollow Metal Doors are full flush, fabricated from cold rolled steel conforming to ASTM A1008, honeycomb core, interlocking mechanical vertical edge seam, with epoxy baked-on primer. Galvanized steel doors are fabricated from a carbon steel sheet and coated with zinc on two sides by the continuous hot-dip process. Hollow Metal Doors are organized by the following levels: 20 Gauge, Level 1 Standard Duty; 18 Gauge, Level 2 Heavy-Duty; 16 Gauge, Level 3 Extra Heavy-Duty; 14 Gauge, Level 4 Maximum Duty.

08 13 13 13-0001 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13)*

08 13 13 13-0002 6'-8" High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0001)*

08 13 13 13-0003	EA	2' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	544.30	63.30
		For Galvanized Steel Door, Add	*83.54*	
		For Type 304 Stainless Steel Door, Add	*334.15*	
		For Type 316 Stainless Steel Door, Add	*543.00*	
		For Embossed Panel Door, Add	*100.25*	
		For Baked Enamel Finish, Add	*144.30*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-30.38*	
		For >100, Deduct	*-43.99*	
		For Polystyrene Core, Add	*41.77*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*104.42*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*52.21*	
08 13 13 13-0004	EA	2'-4" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	544.30	63.30
		For Galvanized Steel Door, Add	*83.54*	
		For Type 304 Stainless Steel Door, Add	*334.15*	
		For Type 316 Stainless Steel Door, Add	*543.00*	
		For Embossed Panel Door, Add	*100.25*	
		For Baked Enamel Finish, Add	*144.30*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-30.38*	
		For >100, Deduct	*-43.99*	
		For Polystyrene Core, Add	*41.77*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*104.42*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*52.21*	
08 13 13 13-0005	EA	2'-6" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	558.59	66.18
		For Galvanized Steel Door, Add	*85.25*	
		For Type 304 Stainless Steel Door, Add	*340.99*	
		For Type 316 Stainless Steel Door, Add	*554.11*	
		For Embossed Panel Door, Add	*102.30*	
		For Baked Enamel Finish, Add	*147.72*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-31.24*	
		For >100, Deduct	*-45.20*	
		For Polystyrene Core, Add	*42.62*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*106.56*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*53.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0006	EA	2'-8" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	564.95	66.18
		For Galvanized Steel Door, Add	*86.52*	
		For Type 304 Stainless Steel Door, Add	*346.08*	
		For Type 316 Stainless Steel Door, Add	*562.38*	
		For Embossed Panel Door, Add	*103.82*	
		For Baked Enamel Finish, Add	*149.63*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-31.56*	
		For >100, Deduct	*-45.68*	
		For Polystyrene Core, Add	*43.26*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*108.15*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*54.08*	
08 13 13 13-0007	EA	2'-10" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	570.37	67.62
		For Galvanized Steel Door, Add	*87.03*	
		For Type 304 Stainless Steel Door, Add	*348.11*	
		For Type 316 Stainless Steel Door, Add	*565.68*	
		For Embossed Panel Door, Add	*104.43*	
		For Baked Enamel Finish, Add	*150.83*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-31.90*	
		For >100, Deduct	*-46.16*	
		For Polystyrene Core, Add	*43.51*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*108.79*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*54.39*	
08 13 13 13-0008	EA	3' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	575.80	69.05
		For Galvanized Steel Door, Add	*87.54*	
		For Type 304 Stainless Steel Door, Add	*350.15*	
		For Type 316 Stainless Steel Door, Add	*569.00*	
		For Embossed Panel Door, Add	*105.05*	
		For Baked Enamel Finish, Add	*152.02*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-32.24*	
		For >100, Deduct	*-46.64*	
		For Polystyrene Core, Add	*43.77*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*109.42*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*54.71*	
08 13 13 13-0009	EA	3'-4" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	608.88	69.05
		For Galvanized Steel Door, Add	*94.15*	
		For Type 304 Stainless Steel Door, Add	*376.62*	
		For Type 316 Stainless Steel Door, Add	*612.00*	
		For Embossed Panel Door, Add	*112.98*	
		For Baked Enamel Finish, Add	*161.95*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-33.90*	
		For >100, Deduct	*-49.12*	
		For Polystyrene Core, Add	*47.08*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*117.69*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*58.85*	
08 13 13 13-0010	EA	3'-6" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	627.35	71.93
		For Galvanized Steel Door, Add	*96.70*	
		For Type 304 Stainless Steel Door, Add	*386.79*	
		For Type 316 Stainless Steel Door, Add	*628.54*	
		For Embossed Panel Door, Add	*116.04*	
		For Baked Enamel Finish, Add	*166.63*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-34.96*	
		For >100, Deduct	*-50.65*	
		For Polystyrene Core, Add	*48.35*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*120.87*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*60.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0011	EA	4' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	689.77	77.69
		For Galvanized Steel Door, Add	*106.88*	
		For Type 304 Stainless Steel Door, Add	*427.51*	
		For Type 316 Stainless Steel Door, Add	*694.71*	
		For Embossed Panel Door, Add	*128.25*	
		For Baked Enamel Finish, Add	*183.62*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-38.37*	
		For >100, Deduct	*-55.62*	
		For Polystyrene Core, Add	*53.44*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*133.60*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*66.80*	

08 13 13 13-0012 7' High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0001)*

08 13 13 13-0013	EA	2' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	555.25	63.30
		For Galvanized Steel Door, Add	*85.73*	
		For Type 304 Stainless Steel Door, Add	*342.91*	
		For Type 316 Stainless Steel Door, Add	*557.23*	
		For Embossed Panel Door, Add	*102.87*	
		For Baked Enamel Finish, Add	*147.58*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-30.93*	
		For >100, Deduct	*-44.81*	
		For Polystyrene Core, Add	*42.86*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*107.16*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*53.58*	
08 13 13 13-0014	EA	2'-4" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	555.25	63.30
		For Galvanized Steel Door, Add	*85.73*	
		For Type 304 Stainless Steel Door, Add	*342.91*	
		For Type 316 Stainless Steel Door, Add	*557.23*	
		For Embossed Panel Door, Add	*102.87*	
		For Baked Enamel Finish, Add	*147.58*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-30.93*	
		For >100, Deduct	*-44.81*	
		For Polystyrene Core, Add	*42.86*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*107.16*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*53.58*	
08 13 13 13-0015	EA	2'-6" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	569.75	66.18
		For Galvanized Steel Door, Add	*87.48*	
		For Type 304 Stainless Steel Door, Add	*349.92*	
		For Type 316 Stainless Steel Door, Add	*568.62*	
		For Embossed Panel Door, Add	*104.98*	
		For Baked Enamel Finish, Add	*151.07*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-31.80*	
		For >100, Deduct	*-46.04*	
		For Polystyrene Core, Add	*43.74*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*109.35*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*54.68*	
08 13 13 13-0016	EA	2'-8" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	576.28	66.18
		For Galvanized Steel Door, Add	*88.79*	
		For Type 304 Stainless Steel Door, Add	*355.14*	
		For Type 316 Stainless Steel Door, Add	*577.11*	
		For Embossed Panel Door, Add	*106.54*	
		For Baked Enamel Finish, Add	*153.03*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-32.12*	
		For >100, Deduct	*-46.53*	
		For Polystyrene Core, Add	*44.39*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*110.98*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*55.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0017	EA	2'-10" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	581.77	67.62
		For Galvanized Steel Door, Add	*89.31*	
		For Type 304 Stainless Steel Door, Add	*357.23*	
		For Type 316 Stainless Steel Door, Add	*580.50*	
		For Embossed Panel Door, Add	*107.17*	
		For Baked Enamel Finish, Add	*154.25*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-32.47*	
		For >100, Deduct	*-47.01*	
		For Polystyrene Core, Add	*44.65*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*111.64*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*55.82*	
08 13 13 13-0018	EA	3' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	587.27	69.05
		For Galvanized Steel Door, Add	*89.83*	
		For Type 304 Stainless Steel Door, Add	*359.33*	
		For Type 316 Stainless Steel Door, Add	*583.91*	
		For Embossed Panel Door, Add	*107.80*	
		For Baked Enamel Finish, Add	*155.46*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-32.82*	
		For >100, Deduct	*-47.50*	
		For Polystyrene Core, Add	*44.92*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*112.29*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*56.15*	
08 13 13 13-0019	EA	3'-4" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	621.21	69.05
		For Galvanized Steel Door, Add	*96.62*	
		For Type 304 Stainless Steel Door, Add	*386.48*	
		For Type 316 Stainless Steel Door, Add	*628.03*	
		For Embossed Panel Door, Add	*115.94*	
		For Baked Enamel Finish, Add	*165.65*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-34.51*	
		For >100, Deduct	*-50.04*	
		For Polystyrene Core, Add	*48.31*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*120.78*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*60.39*	
08 13 13 13-0020	EA	3'-6" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	640.02	71.93
		For Galvanized Steel Door, Add	*99.23*	
		For Type 304 Stainless Steel Door, Add	*396.93*	
		For Type 316 Stainless Steel Door, Add	*645.01*	
		For Embossed Panel Door, Add	*119.08*	
		For Baked Enamel Finish, Add	*170.43*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-35.60*	
		For >100, Deduct	*-51.60*	
		For Polystyrene Core, Add	*49.62*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*124.04*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*62.02*	
08 13 13 13-0021	EA	4' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	703.77	77.69
		For Galvanized Steel Door, Add	*109.68*	
		For Type 304 Stainless Steel Door, Add	*438.71*	
		For Type 316 Stainless Steel Door, Add	*712.91*	
		For Embossed Panel Door, Add	*131.61*	
		For Baked Enamel Finish, Add	*187.82*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-39.07*	
		For >100, Deduct	*-56.67*	
		For Polystyrene Core, Add	*54.84*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*137.10*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*68.55*	

08 13 13 13-0022 7'-2" High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0023	EA	2' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	565.88	63.30
		For Galvanized Steel Door, Add	*87.85*	
		For Type 304 Stainless Steel Door, Add	*351.42*	
		For Type 316 Stainless Steel Door, Add	*571.05*	
		For Embossed Panel Door, Add	*105.42*	
		For Baked Enamel Finish, Add	*150.77*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-31.46*	
		For >100, Deduct	*-45.61*	
		For Polystyrene Core, Add	*43.93*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*109.82*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*54.91*	
08 13 13 13-0024	EA	2'-4" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	565.88	63.30
		For Galvanized Steel Door, Add	*87.85*	
		For Type 304 Stainless Steel Door, Add	*351.42*	
		For Type 316 Stainless Steel Door, Add	*571.05*	
		For Embossed Panel Door, Add	*105.42*	
		For Baked Enamel Finish, Add	*150.77*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-31.46*	
		For >100, Deduct	*-45.61*	
		For Polystyrene Core, Add	*43.93*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*109.82*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*54.91*	
08 13 13 13-0025	EA	2'-6" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	580.60	66.18
		For Galvanized Steel Door, Add	*89.65*	
		For Type 304 Stainless Steel Door, Add	*358.60*	
		For Type 316 Stainless Steel Door, Add	*582.73*	
		For Embossed Panel Door, Add	*107.58*	
		For Baked Enamel Finish, Add	*154.33*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-32.34*	
		For >100, Deduct	*-46.85*	
		For Polystyrene Core, Add	*44.83*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*112.06*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*56.03*	
08 13 13 13-0026	EA	2'-8" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	587.29	66.18
		For Galvanized Steel Door, Add	*90.99*	
		For Type 304 Stainless Steel Door, Add	*363.95*	
		For Type 316 Stainless Steel Door, Add	*591.42*	
		For Embossed Panel Door, Add	*109.19*	
		For Baked Enamel Finish, Add	*156.33*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-32.67*	
		For >100, Deduct	*-47.36*	
		For Polystyrene Core, Add	*45.49*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*113.74*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*56.87*	
08 13 13 13-0027	EA	2'-10" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	592.84	67.62
		For Galvanized Steel Door, Add	*91.52*	
		For Type 304 Stainless Steel Door, Add	*366.09*	
		For Type 316 Stainless Steel Door, Add	*594.89*	
		For Embossed Panel Door, Add	*109.83*	
		For Baked Enamel Finish, Add	*157.57*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-33.02*	
		For >100, Deduct	*-47.84*	
		For Polystyrene Core, Add	*45.76*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*114.40*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*57.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0028	EA	3' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	598.40	69.05
		For Galvanized Steel Door, Add	*92.06*	
		For Type 304 Stainless Steel Door, Add	*368.23*	
		For Type 316 Stainless Steel Door, Add	*598.38*	
		For Embossed Panel Door, Add	*110.47*	
		For Baked Enamel Finish, Add	*158.80*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-33.37*	
		For >100, Deduct	*-48.33*	
		For Polystyrene Core, Add	*46.03*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*115.07*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*57.54*	
08 13 13 13-0029	EA	3'-4" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	633.19	69.05
		For Galvanized Steel Door, Add	*99.02*	
		For Type 304 Stainless Steel Door, Add	*396.06*	
		For Type 316 Stainless Steel Door, Add	*643.60*	
		For Embossed Panel Door, Add	*118.82*	
		For Baked Enamel Finish, Add	*169.24*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-35.11*	
		For >100, Deduct	*-50.94*	
		For Polystyrene Core, Add	*49.51*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*123.77*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*61.89*	
08 13 13 13-0030	EA	3'-6" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	652.33	71.93
		For Galvanized Steel Door, Add	*101.69*	
		For Type 304 Stainless Steel Door, Add	*406.78*	
		For Type 316 Stainless Steel Door, Add	*661.01*	
		For Embossed Panel Door, Add	*122.03*	
		For Baked Enamel Finish, Add	*174.12*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-36.21*	
		For >100, Deduct	*-52.52*	
		For Polystyrene Core, Add	*50.85*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*127.12*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*63.56*	
08 13 13 13-0031	EA	4' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	717.37	77.69
		For Galvanized Steel Door, Add	*112.40*	
		For Type 304 Stainless Steel Door, Add	*449.59*	
		For Type 316 Stainless Steel Door, Add	*730.59*	
		For Embossed Panel Door, Add	*134.88*	
		For Baked Enamel Finish, Add	*191.90*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-39.75*	
		For >100, Deduct	*-57.69*	
		For Polystyrene Core, Add	*56.20*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*140.50*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*70.25*	

08 13 13 13-0032 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13)*

08 13 13 13-0033 6'-8" High, 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0032)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0034	EA	2' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	578.10	63.30
		For Galvanized Steel Door, Add	*90.30*	
		For Type 304 Stainless Steel Door, Add	*361.19*	
		For Type 316 Stainless Steel Door, Add	*586.94*	
		For Embossed Panel Door, Add	*108.36*	
		For Baked Enamel Finish, Add	*154.44*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-32.07*	
		For >100, Deduct	*-46.52*	
		For 2" Thick Door, Add	*35.90*	
		For Polystyrene Core, Add	*45.15*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*112.87*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*56.44*	
		For Steel Stiffened, Add	*112.87*	
08 13 13 13-0035	EA	2'-4" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	578.10	63.30
		For Galvanized Steel Door, Add	*90.30*	
		For Type 304 Stainless Steel Door, Add	*361.19*	
		For Type 316 Stainless Steel Door, Add	*586.94*	
		For Embossed Panel Door, Add	*108.36*	
		For Baked Enamel Finish, Add	*154.44*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-32.07*	
		For >100, Deduct	*-46.52*	
		For 2" Thick Door, Add	*35.90*	
		For Polystyrene Core, Add	*45.15*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*112.87*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*56.44*	
		For Steel Stiffened, Add	*112.87*	
08 13 13 13-0036	EA	2'-6" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	593.07	66.18
		For Galvanized Steel Door, Add	*92.14*	
		For Type 304 Stainless Steel Door, Add	*368.58*	
		For Type 316 Stainless Steel Door, Add	*598.94*	
		For Embossed Panel Door, Add	*110.57*	
		For Baked Enamel Finish, Add	*158.07*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-32.96*	
		For >100, Deduct	*-47.79*	
		For 2" Thick Door, Add	*36.71*	
		For Polystyrene Core, Add	*46.07*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*115.18*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*57.59*	
		For Steel Stiffened, Add	*115.18*	
08 13 13 13-0037	EA	2'-8" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	599.95	66.18
		For Galvanized Steel Door, Add	*93.52*	
		For Type 304 Stainless Steel Door, Add	*374.08*	
		For Type 316 Stainless Steel Door, Add	*607.88*	
		For Embossed Panel Door, Add	*112.22*	
		For Baked Enamel Finish, Add	*160.13*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-33.31*	
		For >100, Deduct	*-48.31*	
		For 2" Thick Door, Add	*37.21*	
		For Polystyrene Core, Add	*46.76*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*116.90*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*58.45*	
		For Steel Stiffened, Add	*116.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0038	EA	2'-10" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	605.57	67.62
		For Galvanized Steel Door, Add	*94.07*	
		For Type 304 Stainless Steel Door, Add	*376.27*	
		For Type 316 Stainless Steel Door, Add	*611.44*	
		For Embossed Panel Door, Add	*112.88*	
		For Baked Enamel Finish, Add	*161.39*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-33.66*	
		For >100, Deduct	*-48.80*	
		For 2" Thick Door, Add	*37.48*	
		For Polystyrene Core, Add	*47.03*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*117.59*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*58.79*	
		For Steel Stiffened, Add	*117.59*	
08 13 13 13-0039	EA	3' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	611.21	69.05
		For Galvanized Steel Door, Add	*94.62*	
		For Type 304 Stainless Steel Door, Add	*378.48*	
		For Type 316 Stainless Steel Door, Add	*615.03*	
		For Embossed Panel Door, Add	*113.54*	
		For Baked Enamel Finish, Add	*162.65*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-34.01*	
		For >100, Deduct	*-49.29*	
		For 2" Thick Door, Add	*37.75*	
		For Polystyrene Core, Add	*47.31*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*118.28*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*59.14*	
		For Steel Stiffened, Add	*118.28*	
08 13 13 13-0040	EA	3'-4" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	646.96	69.05
		For Galvanized Steel Door, Add	*101.77*	
		For Type 304 Stainless Steel Door, Add	*407.08*	
		For Type 316 Stainless Steel Door, Add	*661.51*	
		For Embossed Panel Door, Add	*122.12*	
		For Baked Enamel Finish, Add	*173.37*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-35.80*	
		For >100, Deduct	*-51.97*	
		For 2" Thick Door, Add	*40.34*	
		For Polystyrene Core, Add	*50.89*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*127.21*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*63.61*	
		For Steel Stiffened, Add	*127.21*	
08 13 13 13-0041	EA	3'-6" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	666.47	71.93
		For Galvanized Steel Door, Add	*104.52*	
		For Type 304 Stainless Steel Door, Add	*418.09*	
		For Type 316 Stainless Steel Door, Add	*679.39*	
		For Embossed Panel Door, Add	*125.43*	
		For Baked Enamel Finish, Add	*178.36*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-36.92*	
		For >100, Deduct	*-53.58*	
		For 2" Thick Door, Add	*41.49*	
		For Polystyrene Core, Add	*52.26*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*130.65*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*65.33*	
		For Steel Stiffened, Add	*130.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0042	EA	4' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	733.00	77.69
		For Galvanized Steel Door, Add	*115.52*	
		For Type 304 Stainless Steel Door, Add	*462.10*	
		For Type 316 Stainless Steel Door, Add	*750.91*	
		For Embossed Panel Door, Add	*138.63*	
		For Baked Enamel Finish, Add	*196.59*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-40.53*	
		For >100, Deduct	*-58.86*	
		For 2" Thick Door, Add	*45.76*	
		For Polystyrene Core, Add	*57.76*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*144.41*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*72.20*	
		For Steel Stiffened, Add	*144.41*	

08 13 13 13-0043 7' High, 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0032)*

08 13 13 13-0044	EA	2' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	588.81	63.30
		For Galvanized Steel Door, Add	*92.44*	
		For Type 304 Stainless Steel Door, Add	*369.76*	
		For Type 316 Stainless Steel Door, Add	*600.86*	
		For Embossed Panel Door, Add	*110.93*	
		For Baked Enamel Finish, Add	*157.65*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-32.61*	
		For >100, Deduct	*-47.33*	
		For 2" Thick Door, Add	*36.67*	
		For Polystyrene Core, Add	*46.22*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*115.55*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*57.78*	
		For Steel Stiffened, Add	*115.55*	
08 13 13 13-0045	EA	2'-4" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	588.81	63.30
		For Galvanized Steel Door, Add	*92.44*	
		For Type 304 Stainless Steel Door, Add	*369.76*	
		For Type 316 Stainless Steel Door, Add	*600.86*	
		For Embossed Panel Door, Add	*110.93*	
		For Baked Enamel Finish, Add	*157.65*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-32.61*	
		For >100, Deduct	*-47.33*	
		For 2" Thick Door, Add	*36.67*	
		For Polystyrene Core, Add	*46.22*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*115.55*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*57.78*	
		For Steel Stiffened, Add	*115.55*	
08 13 13 13-0046	EA	2'-6" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	604.00	66.18
		For Galvanized Steel Door, Add	*94.33*	
		For Type 304 Stainless Steel Door, Add	*377.32*	
		For Type 316 Stainless Steel Door, Add	*613.15*	
		For Embossed Panel Door, Add	*113.20*	
		For Baked Enamel Finish, Add	*161.35*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-33.51*	
		For >100, Deduct	*-48.61*	
		For 2" Thick Door, Add	*37.50*	
		For Polystyrene Core, Add	*47.17*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*117.91*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*58.96*	
		For Steel Stiffened, Add	*117.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0047	EA	2'-8" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	611.04	66.18
		For Galvanized Steel Door, Add	*95.74*	
		For Type 304 Stainless Steel Door, Add	*382.95*	
		For Type 316 Stainless Steel Door, Add	*622.30*	
		For Embossed Panel Door, Add	*114.89*	
		For Baked Enamel Finish, Add	*163.46*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-33.86*	
		For >100, Deduct	*-49.14*	
		For 2" Thick Door, Add	*38.01*	
		For Polystyrene Core, Add	*47.87*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*119.67*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*59.84*	
		For Steel Stiffened, Add	*119.67*	
08 13 13 13-0048	EA	2'-10" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	616.74	67.62
		For Galvanized Steel Door, Add	*96.30*	
		For Type 304 Stainless Steel Door, Add	*385.21*	
		For Type 316 Stainless Steel Door, Add	*625.96*	
		For Embossed Panel Door, Add	*115.56*	
		For Baked Enamel Finish, Add	*164.74*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-34.22*	
		For >100, Deduct	*-49.64*	
		For 2" Thick Door, Add	*38.29*	
		For Polystyrene Core, Add	*48.15*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*120.38*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*60.19*	
		For Steel Stiffened, Add	*120.38*	
08 13 13 13-0049	EA	3' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	622.43	69.05
		For Galvanized Steel Door, Add	*96.86*	
		For Type 304 Stainless Steel Door, Add	*387.46*	
		For Type 316 Stainless Steel Door, Add	*629.62*	
		For Embossed Panel Door, Add	*116.24*	
		For Baked Enamel Finish, Add	*166.01*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-34.57*	
		For >100, Deduct	*-50.14*	
		For 2" Thick Door, Add	*38.57*	
		For Polystyrene Core, Add	*48.43*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*121.08*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*60.54*	
		For Steel Stiffened, Add	*121.08*	
08 13 13 13-0050	EA	3'-4" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	659.04	69.05
		For Galvanized Steel Door, Add	*104.19*	
		For Type 304 Stainless Steel Door, Add	*416.74*	
		For Type 316 Stainless Steel Door, Add	*677.21*	
		For Embossed Panel Door, Add	*125.02*	
		For Baked Enamel Finish, Add	*177.00*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-36.40*	
		For >100, Deduct	*-52.88*	
		For 2" Thick Door, Add	*41.22*	
		For Polystyrene Core, Add	*52.09*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*130.23*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*65.12*	
		For Steel Stiffened, Add	*130.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0051	EA	3'-6" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	678.87	71.93
		For Galvanized Steel Door, Add	*107.00*	
		For Type 304 Stainless Steel Door, Add	*428.01*	
		For Type 316 Stainless Steel Door, Add	*695.51*	
		For Embossed Panel Door, Add	*128.40*	
		For Baked Enamel Finish, Add	*182.08*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-37.54*	
		For >100, Deduct	*-54.51*	
		For 2" Thick Door, Add	*42.38*	
		For Polystyrene Core, Add	*53.50*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*133.75*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*66.88*	
		For Steel Stiffened, Add	*133.75*	
08 13 13 13-0052	EA	4' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	746.71	77.69
		For Galvanized Steel Door, Add	*118.27*	
		For Type 304 Stainless Steel Door, Add	*473.06*	
		For Type 316 Stainless Steel Door, Add	*768.73*	
		For Embossed Panel Door, Add	*141.92*	
		For Baked Enamel Finish, Add	*200.71*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-41.22*	
		For >100, Deduct	*-59.89*	
		For 2" Thick Door, Add	*46.76*	
		For Polystyrene Core, Add	*59.13*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*147.83*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*73.92*	
		For Steel Stiffened, Add	*147.83*	

08 13 13 13-0053 7'-2" High, 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0032)*

08 13 13 13-0054	EA	2' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	599.53	63.30
		For Galvanized Steel Door, Add	*94.58*	
		For Type 304 Stainless Steel Door, Add	*378.34*	
		For Type 316 Stainless Steel Door, Add	*614.80*	
		For Embossed Panel Door, Add	*113.50*	
		For Baked Enamel Finish, Add	*160.87*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-33.14*	
		For >100, Deduct	*-48.13*	
		For 2" Thick Door, Add	*37.45*	
		For Polystyrene Core, Add	*47.29*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*118.23*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*59.12*	
		For Steel Stiffened, Add	*118.23*	
08 13 13 13-0055	EA	2'-4" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	599.53	63.30
		For Galvanized Steel Door, Add	*94.58*	
		For Type 304 Stainless Steel Door, Add	*378.34*	
		For Type 316 Stainless Steel Door, Add	*614.80*	
		For Embossed Panel Door, Add	*113.50*	
		For Baked Enamel Finish, Add	*160.87*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-33.14*	
		For >100, Deduct	*-48.13*	
		For 2" Thick Door, Add	*37.45*	
		For Polystyrene Core, Add	*47.29*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*118.23*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*59.12*	
		For Steel Stiffened, Add	*118.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0056	EA	2'-6" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	614.94	66.18
		For Galvanized Steel Door, Add	*96.52*	
		For Type 304 Stainless Steel Door, Add	*386.07*	
		For Type 316 Stainless Steel Door, Add	*627.37*	
		For Embossed Panel Door, Add	*115.82*	
		For Baked Enamel Finish, Add	*164.63*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-34.06*	
		For >100, Deduct	*-49.43*	
		For 2" Thick Door, Add	*38.30*	
		For Polystyrene Core, Add	*48.26*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*120.65*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*60.32*	
		For Steel Stiffened, Add	*120.65*	
08 13 13 13-0057	EA	2'-8" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	622.14	66.18
		For Galvanized Steel Door, Add	*97.96*	
		For Type 304 Stainless Steel Door, Add	*391.83*	
		For Type 316 Stainless Steel Door, Add	*636.73*	
		For Embossed Panel Door, Add	*117.55*	
		For Baked Enamel Finish, Add	*166.79*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-34.42*	
		For >100, Deduct	*-49.97*	
		For 2" Thick Door, Add	*38.82*	
		For Polystyrene Core, Add	*48.98*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*122.45*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*61.22*	
		For Steel Stiffened, Add	*122.45*	
08 13 13 13-0058	EA	2'-10" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	627.91	67.62
		For Galvanized Steel Door, Add	*98.54*	
		For Type 304 Stainless Steel Door, Add	*394.14*	
		For Type 316 Stainless Steel Door, Add	*640.48*	
		For Embossed Panel Door, Add	*118.24*	
		For Baked Enamel Finish, Add	*168.09*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-34.78*	
		For >100, Deduct	*-50.47*	
		For 2" Thick Door, Add	*39.10*	
		For Polystyrene Core, Add	*49.27*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*123.17*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*61.59*	
		For Steel Stiffened, Add	*123.17*	
08 13 13 13-0059	EA	3' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	633.66	69.05
		For Galvanized Steel Door, Add	*99.11*	
		For Type 304 Stainless Steel Door, Add	*396.44*	
		For Type 316 Stainless Steel Door, Add	*644.22*	
		For Embossed Panel Door, Add	*118.93*	
		For Baked Enamel Finish, Add	*169.38*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-35.14*	
		For >100, Deduct	*-50.98*	
		For 2" Thick Door, Add	*39.38*	
		For Polystyrene Core, Add	*49.56*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*123.89*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*61.94*	
		For Steel Stiffened, Add	*123.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0060	EA	3'-4" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	671.12	69.05
		For Galvanized Steel Door, Add	*106.60*	
		For Type 304 Stainless Steel Door, Add	*426.41*	
		For Type 316 Stainless Steel Door, Add	*692.91*	
		For Embossed Panel Door, Add	*127.92*	
		For Baked Enamel Finish, Add	*180.62*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-37.01*	
		For >100, Deduct	*-53.79*	
		For 2" Thick Door, Add	*42.10*	
		For Polystyrene Core, Add	*53.30*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*133.25*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*66.63*	
		For Steel Stiffened, Add	*133.25*	
08 13 13 13-0061	EA	3'-6" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	691.27	71.93
		For Galvanized Steel Door, Add	*109.48*	
		For Type 304 Stainless Steel Door, Add	*437.93*	
		For Type 316 Stainless Steel Door, Add	*711.63*	
		For Embossed Panel Door, Add	*131.38*	
		For Baked Enamel Finish, Add	*185.80*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-38.16*	
		For >100, Deduct	*-55.44*	
		For 2" Thick Door, Add	*43.28*	
		For Polystyrene Core, Add	*54.74*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*136.85*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*68.43*	
		For Steel Stiffened, Add	*136.85*	
08 13 13 13-0062	EA	4' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	760.42	77.69
		For Galvanized Steel Door, Add	*121.01*	
		For Type 304 Stainless Steel Door, Add	*484.03*	
		For Type 316 Stainless Steel Door, Add	*786.55*	
		For Embossed Panel Door, Add	*145.21*	
		For Baked Enamel Finish, Add	*204.82*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-41.91*	
		For >100, Deduct	*-60.92*	
		For 2" Thick Door, Add	*47.75*	
		For Polystyrene Core, Add	*60.50*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*151.26*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*75.63*	
		For Steel Stiffened, Add	*151.26*	

08 13 13 13-0063 8' High, 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0032)*

08 13 13 13-0064	EA	2' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	687.91	63.30
		For Up To 1' Extra Height, Add	*155.31*	
		For 1' To 1'-6" Extra Height, Add	*296.31*	
		For Galvanized Steel Door, Add	*112.26*	
		For Type 304 Stainless Steel Door, Add	*449.04*	
		For Type 316 Stainless Steel Door, Add	*729.69*	
		For Embossed Panel Door, Add	*134.71*	
		For Baked Enamel Finish, Add	*187.38*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-37.56*	
		For >100, Deduct	*-54.76*	
		For 2" Thick Door, Add	*43.86*	
		For Polystyrene Core, Add	*56.13*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*140.33*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*70.16*	
		For Steel Stiffened, Add	*140.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0065	EA	2'-4" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	687.91	63.30
		For Up To 1' Extra Height, Add	*155.31*	
		For 1' To 1'-6" Extra Height, Add	*296.31*	
		For Galvanized Steel Door, Add	*112.26*	
		For Type 304 Stainless Steel Door, Add	*449.04*	
		For Type 316 Stainless Steel Door, Add	*729.69*	
		For Embossed Panel Door, Add	*134.71*	
		For Baked Enamel Finish, Add	*187.38*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-37.56*	
		For >100, Deduct	*-54.76*	
		For 2" Thick Door, Add	*43.86*	
		For Polystyrene Core, Add	*56.13*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*140.33*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*70.16*	
		For Steel Stiffened, Add	*140.33*	
08 13 13 13-0066	EA	2'-6" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	705.13	66.18
		For Up To 1' Extra Height, Add	*158.49*	
		For 1' To 1'-6" Extra Height, Add	*302.37*	
		For Galvanized Steel Door, Add	*114.56*	
		For Type 304 Stainless Steel Door, Add	*458.22*	
		For Type 316 Stainless Steel Door, Add	*744.61*	
		For Embossed Panel Door, Add	*137.47*	
		For Baked Enamel Finish, Add	*191.69*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-38.57*	
		For >100, Deduct	*-56.19*	
		For 2" Thick Door, Add	*44.84*	
		For Polystyrene Core, Add	*57.28*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*143.20*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*71.60*	
		For Steel Stiffened, Add	*143.20*	
08 13 13 13-0067	EA	2'-8" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	713.68	66.18
		For Up To 1' Extra Height, Add	*160.85*	
		For 1' To 1'-6" Extra Height, Add	*306.88*	
		For Galvanized Steel Door, Add	*116.27*	
		For Type 304 Stainless Steel Door, Add	*465.06*	
		For Type 316 Stainless Steel Door, Add	*755.73*	
		For Embossed Panel Door, Add	*139.52*	
		For Baked Enamel Finish, Add	*194.25*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-38.99*	
		For >100, Deduct	*-56.83*	
		For 2" Thick Door, Add	*45.46*	
		For Polystyrene Core, Add	*58.13*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*145.33*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*72.67*	
		For Steel Stiffened, Add	*145.33*	
08 13 13 13-0068	EA	2'-10" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	719.98	67.62
		For Up To 1' Extra Height, Add	*161.80*	
		For 1' To 1'-6" Extra Height, Add	*308.69*	
		For Galvanized Steel Door, Add	*116.95*	
		For Type 304 Stainless Steel Door, Add	*467.80*	
		For Type 316 Stainless Steel Door, Add	*760.18*	
		For Embossed Panel Door, Add	*140.34*	
		For Baked Enamel Finish, Add	*195.71*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-39.38*	
		For >100, Deduct	*-57.38*	
		For 2" Thick Door, Add	*45.78*	
		For Polystyrene Core, Add	*58.48*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*146.19*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*73.09*	
		For Steel Stiffened, Add	*146.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0069	EA	3' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	726.28	69.05
		For Up To 1' Extra Height, Add	*162.75*	
		For 1' To 1'-6" Extra Height, Add	*310.49*	
		For Galvanized Steel Door, Add	*117.63*	
		For Type 304 Stainless Steel Door, Add	*470.54*	
		For Type 316 Stainless Steel Door, Add	*764.62*	
		For Embossed Panel Door, Add	*141.16*	
		For Baked Enamel Finish, Add	*197.17*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-39.77*	
		For >100, Deduct	*-57.92*	
		For 2" Thick Door, Add	*46.10*	
		For Polystyrene Core, Add	*58.82*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*147.04*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*73.52*	
		For Steel Stiffened, Add	*147.04*	
08 13 13 13-0070	EA	3'-4" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	770.73	69.05
		For Up To 1' Extra Height, Add	*175.05*	
		For 1' To 1'-6" Extra Height, Add	*333.96*	
		For Galvanized Steel Door, Add	*126.52*	
		For Type 304 Stainless Steel Door, Add	*506.10*	
		For Type 316 Stainless Steel Door, Add	*822.41*	
		For Embossed Panel Door, Add	*151.83*	
		For Baked Enamel Finish, Add	*210.50*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-41.99*	
		For >100, Deduct	*-61.26*	
		For 2" Thick Door, Add	*49.32*	
		For Polystyrene Core, Add	*63.26*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*158.16*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*79.08*	
		For Steel Stiffened, Add	*158.16*	
08 13 13 13-0071	EA	3'-6" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	793.58	71.93
		For Up To 1' Extra Height, Add	*179.78*	
		For 1' To 1'-6" Extra Height, Add	*342.99*	
		For Galvanized Steel Door, Add	*129.94*	
		For Type 304 Stainless Steel Door, Add	*519.78*	
		For Type 316 Stainless Steel Door, Add	*844.64*	
		For Embossed Panel Door, Add	*155.93*	
		For Baked Enamel Finish, Add	*216.50*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-43.28*	
		For >100, Deduct	*-63.12*	
		For 2" Thick Door, Add	*50.70*	
		For Polystyrene Core, Add	*64.97*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*162.43*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*81.22*	
		For Steel Stiffened, Add	*162.43*	
08 13 13 13-0072	EA	4' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	873.49	77.69
		For Up To 1' Extra Height, Add	*198.70*	
		For 1' To 1'-6" Extra Height, Add	*379.09*	
		For Galvanized Steel Door, Add	*143.62*	
		For Type 304 Stainless Steel Door, Add	*574.49*	
		For Type 316 Stainless Steel Door, Add	*933.54*	
		For Embossed Panel Door, Add	*172.35*	
		For Baked Enamel Finish, Add	*238.74*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-47.56*	
		For >100, Deduct	*-69.40*	
		For 2" Thick Door, Add	*55.95*	
		For Polystyrene Core, Add	*71.81*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*179.53*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*89.76*	
		For Steel Stiffened, Add	*179.53*	

08 13 13 13-0073 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13)*

08 13 13 13-0074 6'-8" High, 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0073)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0075	EA	2' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	751.92	63.30
		For 14 Gauge, Level 4 Maximum Duty, Add	*250.12*	
		For Galvanized Steel Door, Add	*125.06*	
		For Type 304 Stainless Steel Door, Add	*500.25*	
		For Type 316 Stainless Steel Door, Add	*812.90*	
		For Embossed Panel Door, Add	*150.07*	
		For Baked Enamel Finish, Add	*206.58*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-40.76*	
		For >100, Deduct	*-59.56*	
		For 2" Thick Door, Add	*48.50*	
		For Polystyrene Core, Add	*62.53*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*156.33*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*78.16*	
		For Steel Stiffened, Add	*156.33*	
08 13 13 13-0076	EA	2'-4" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	751.92	63.30
		For 14 Gauge, Level 4 Maximum Duty, Add	*250.12*	
		For Galvanized Steel Door, Add	*125.06*	
		For Type 304 Stainless Steel Door, Add	*500.25*	
		For Type 316 Stainless Steel Door, Add	*812.90*	
		For Embossed Panel Door, Add	*150.07*	
		For Baked Enamel Finish, Add	*206.58*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-40.76*	
		For >100, Deduct	*-59.56*	
		For 2" Thick Door, Add	*48.50*	
		For Polystyrene Core, Add	*62.53*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*156.33*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*78.16*	
		For Steel Stiffened, Add	*156.33*	
08 13 13 13-0077	EA	2'-6" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	770.45	66.18
		For 14 Gauge, Level 4 Maximum Duty, Add	*255.24*	
		For Galvanized Steel Door, Add	*127.62*	
		For Type 304 Stainless Steel Door, Add	*510.48*	
		For Type 316 Stainless Steel Door, Add	*829.53*	
		For Embossed Panel Door, Add	*153.14*	
		For Baked Enamel Finish, Add	*211.28*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-41.83*	
		For >100, Deduct	*-61.09*	
		For 2" Thick Door, Add	*49.57*	
		For Polystyrene Core, Add	*63.81*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*159.53*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*79.76*	
		For Steel Stiffened, Add	*159.53*	
08 13 13 13-0078	EA	2'-8" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	779.97	66.18
		For 14 Gauge, Level 4 Maximum Duty, Add	*259.05*	
		For Galvanized Steel Door, Add	*129.52*	
		For Type 304 Stainless Steel Door, Add	*518.10*	
		For Type 316 Stainless Steel Door, Add	*841.91*	
		For Embossed Panel Door, Add	*155.43*	
		For Baked Enamel Finish, Add	*214.14*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-42.31*	
		For >100, Deduct	*-61.81*	
		For 2" Thick Door, Add	*50.26*	
		For Polystyrene Core, Add	*64.76*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*161.91*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*80.95*	
		For Steel Stiffened, Add	*161.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0079	EA	2'-10" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	786.67	67.62
		For 14 Gauge, Level 4 Maximum Duty, Add	*260.58*	
		For Galvanized Steel Door, Add	*130.29*	
		For Type 304 Stainless Steel Door, Add	*521.15*	
		For Type 316 Stainless Steel Door, Add	*846.87*	
		For Embossed Panel Door, Add	*156.35*	
		For Baked Enamel Finish, Add	*215.72*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-42.71*	
		For >100, Deduct	*-62.38*	
		For 2" Thick Door, Add	*50.61*	
		For Polystyrene Core, Add	*65.14*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*162.86*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*81.43*	
		For Steel Stiffened, Add	*162.86*	
08 13 13 13-0080	EA	3' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	793.35	69.05
		For 14 Gauge, Level 4 Maximum Duty, Add	*262.10*	
		For Galvanized Steel Door, Add	*131.05*	
		For Type 304 Stainless Steel Door, Add	*524.19*	
		For Type 316 Stainless Steel Door, Add	*851.81*	
		For Embossed Panel Door, Add	*157.26*	
		For Baked Enamel Finish, Add	*217.29*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-43.12*	
		For >100, Deduct	*-62.95*	
		For 2" Thick Door, Add	*50.96*	
		For Polystyrene Core, Add	*65.52*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*163.81*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*81.91*	
		For Steel Stiffened, Add	*163.81*	
08 13 13 13-0081	EA	3'-4" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	842.88	69.05
		For 14 Gauge, Level 4 Maximum Duty, Add	*281.91*	
		For Galvanized Steel Door, Add	*140.95*	
		For Type 304 Stainless Steel Door, Add	*563.82*	
		For Type 316 Stainless Steel Door, Add	*916.20*	
		For Embossed Panel Door, Add	*169.14*	
		For Baked Enamel Finish, Add	*232.15*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-45.60*	
		For >100, Deduct	*-66.67*	
		For 2" Thick Door, Add	*54.55*	
		For Polystyrene Core, Add	*70.48*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*176.19*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*88.10*	
		For Steel Stiffened, Add	*176.19*	
08 13 13 13-0082	EA	3'-6" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	867.67	71.93
		For 14 Gauge, Level 4 Maximum Duty, Add	*289.52*	
		For Galvanized Steel Door, Add	*144.76*	
		For Type 304 Stainless Steel Door, Add	*579.05*	
		For Type 316 Stainless Steel Door, Add	*940.95*	
		For Embossed Panel Door, Add	*173.71*	
		For Baked Enamel Finish, Add	*238.72*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-46.98*	
		For >100, Deduct	*-68.67*	
		For 2" Thick Door, Add	*56.07*	
		For Polystyrene Core, Add	*72.38*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*180.95*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*90.48*	
		For Steel Stiffened, Add	*180.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0083	EA	4' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	955.38	77.69
		For 14 Gauge, Level 4 Maximum Duty, Add	*320.00*	
		For Galvanized Steel Door, Add	*160.00*	
		For Type 304 Stainless Steel Door, Add	*640.00*	
		For Type 316 Stainless Steel Door, Add	*1,040.00*	
		For Embossed Panel Door, Add	*192.00*	
		For Baked Enamel Finish, Add	*263.31*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-51.65*	
		For >100, Deduct	*-75.54*	
		For 2" Thick Door, Add	*61.88*	
		For Polystyrene Core, Add	*80.00*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*200.00*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*100.00*	
		For Steel Stiffened, Add	*200.00*	
08 13 13 13-0084		7' High, 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0073)*		
08 13 13 13-0085	EA	2' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	766.76	63.30
		For 14 Gauge, Level 4 Maximum Duty, Add	*256.06*	
		For Galvanized Steel Door, Add	*128.03*	
		For Type 304 Stainless Steel Door, Add	*512.12*	
		For Type 316 Stainless Steel Door, Add	*832.20*	
		For Embossed Panel Door, Add	*153.64*	
		For Baked Enamel Finish, Add	*211.04*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-41.50*	
		For >100, Deduct	*-60.67*	
		For 2" Thick Door, Add	*49.58*	
		For Polystyrene Core, Add	*64.02*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*160.04*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*80.02*	
		For Steel Stiffened, Add	*160.04*	
08 13 13 13-0086	EA	2'-4" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	766.76	63.30
		For 14 Gauge, Level 4 Maximum Duty, Add	*256.06*	
		For Galvanized Steel Door, Add	*128.03*	
		For Type 304 Stainless Steel Door, Add	*512.12*	
		For Type 316 Stainless Steel Door, Add	*832.20*	
		For Embossed Panel Door, Add	*153.64*	
		For Baked Enamel Finish, Add	*211.04*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-41.50*	
		For >100, Deduct	*-60.67*	
		For 2" Thick Door, Add	*49.58*	
		For Polystyrene Core, Add	*64.02*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*160.04*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*80.02*	
		For Steel Stiffened, Add	*160.04*	
08 13 13 13-0087	EA	2'-6" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	785.59	66.18
		For 14 Gauge, Level 4 Maximum Duty, Add	*261.30*	
		For Galvanized Steel Door, Add	*130.65*	
		For Type 304 Stainless Steel Door, Add	*522.59*	
		For Type 316 Stainless Steel Door, Add	*849.21*	
		For Embossed Panel Door, Add	*156.78*	
		For Baked Enamel Finish, Add	*215.82*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-42.59*	
		For >100, Deduct	*-62.23*	
		For 2" Thick Door, Add	*50.67*	
		For Polystyrene Core, Add	*65.32*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*163.31*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*81.66*	
		For Steel Stiffened, Add	*163.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0088	EA	2'-8" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	795.34	66.18
		For 14 Gauge, Level 4 Maximum Duty, Add	*265.20*	
		For Galvanized Steel Door, Add	*132.60*	
		For Type 304 Stainless Steel Door, Add	*530.39*	
		For Type 316 Stainless Steel Door, Add	*861.89*	
		For Embossed Panel Door, Add	*159.12*	
		For Baked Enamel Finish, Add	*218.75*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-43.08*	
		For >100, Deduct	*-62.96*	
		For 2" Thick Door, Add	*51.38*	
		For Polystyrene Core, Add	*66.30*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*165.75*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*82.87*	
		For Steel Stiffened, Add	*165.75*	
08 13 13 13-0089	EA	2'-10" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	802.12	67.62
		For 14 Gauge, Level 4 Maximum Duty, Add	*266.76*	
		For Galvanized Steel Door, Add	*133.38*	
		For Type 304 Stainless Steel Door, Add	*533.51*	
		For Type 316 Stainless Steel Door, Add	*866.96*	
		For Embossed Panel Door, Add	*160.05*	
		For Baked Enamel Finish, Add	*220.35*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-43.49*	
		For >100, Deduct	*-63.54*	
		For 2" Thick Door, Add	*51.73*	
		For Polystyrene Core, Add	*66.69*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*166.72*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*83.36*	
		For Steel Stiffened, Add	*166.72*	
08 13 13 13-0090	EA	3' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	808.90	69.05
		For 14 Gauge, Level 4 Maximum Duty, Add	*268.32*	
		For Galvanized Steel Door, Add	*134.16*	
		For Type 304 Stainless Steel Door, Add	*536.63*	
		For Type 316 Stainless Steel Door, Add	*872.03*	
		For Embossed Panel Door, Add	*160.99*	
		For Baked Enamel Finish, Add	*221.95*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-43.90*	
		For >100, Deduct	*-64.12*	
		For 2" Thick Door, Add	*52.09*	
		For Polystyrene Core, Add	*67.08*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*167.70*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*83.85*	
		For Steel Stiffened, Add	*167.70*	
08 13 13 13-0091	EA	3'-4" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	859.60	69.05
		For 14 Gauge, Level 4 Maximum Duty, Add	*288.60*	
		For Galvanized Steel Door, Add	*144.30*	
		For Type 304 Stainless Steel Door, Add	*577.19*	
		For Type 316 Stainless Steel Door, Add	*937.94*	
		For Embossed Panel Door, Add	*173.16*	
		For Baked Enamel Finish, Add	*237.16*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-46.43*	
		For >100, Deduct	*-67.92*	
		For 2" Thick Door, Add	*55.76*	
		For Polystyrene Core, Add	*72.15*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*180.37*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*90.19*	
		For Steel Stiffened, Add	*180.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0092	EA	3'-6" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	884.85	71.93
		For 14 Gauge, Level 4 Maximum Duty, Add	*296.40*	
		For Galvanized Steel Door, Add	*148.20*	
		For Type 304 Stainless Steel Door, Add	*592.79*	
		For Type 316 Stainless Steel Door, Add	*963.29*	
		For Embossed Panel Door, Add	*177.84*	
		For Baked Enamel Finish, Add	*243.88*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-47.84*	
		For >100, Deduct	*-69.96*	
		For 2" Thick Door, Add	*57.32*	
		For Polystyrene Core, Add	*74.10*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*185.25*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*92.62*	
		For Steel Stiffened, Add	*185.25*	
08 13 13 13-0093	EA	4' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	974.37	77.69
		For 14 Gauge, Level 4 Maximum Duty, Add	*327.60*	
		For Galvanized Steel Door, Add	*163.80*	
		For Type 304 Stainless Steel Door, Add	*655.19*	
		For Type 316 Stainless Steel Door, Add	*1,064.69*	
		For Embossed Panel Door, Add	*196.56*	
		For Baked Enamel Finish, Add	*269.00*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-52.60*	
		For >100, Deduct	*-76.96*	
		For 2" Thick Door, Add	*63.26*	
		For Polystyrene Core, Add	*81.90*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*204.75*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*102.37*	
		For Steel Stiffened, Add	*204.75*	

08 13 13 13-0094 7'-2" High, 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0073)*

08 13 13 13-0095	EA	2' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	781.60	63.30
		For 14 Gauge, Level 4 Maximum Duty, Add	*262.00*	
		For Galvanized Steel Door, Add	*131.00*	
		For Type 304 Stainless Steel Door, Add	*523.99*	
		For Type 316 Stainless Steel Door, Add	*851.49*	
		For Embossed Panel Door, Add	*157.20*	
		For Baked Enamel Finish, Add	*215.49*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-42.25*	
		For >100, Deduct	*-61.79*	
		For 2" Thick Door, Add	*50.65*	
		For Polystyrene Core, Add	*65.50*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*163.75*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*81.87*	
		For Steel Stiffened, Add	*163.75*	
08 13 13 13-0096	EA	2'-4" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	781.60	63.30
		For 14 Gauge, Level 4 Maximum Duty, Add	*262.00*	
		For Galvanized Steel Door, Add	*131.00*	
		For Type 304 Stainless Steel Door, Add	*523.99*	
		For Type 316 Stainless Steel Door, Add	*851.49*	
		For Embossed Panel Door, Add	*157.20*	
		For Baked Enamel Finish, Add	*215.49*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-42.25*	
		For >100, Deduct	*-61.79*	
		For 2" Thick Door, Add	*50.65*	
		For Polystyrene Core, Add	*65.50*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*163.75*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*81.87*	
		For Steel Stiffened, Add	*163.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0097	EA	2'-6" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	800.74	66.18
		For 14 Gauge, Level 4 Maximum Duty, Add	*267.36*	
		For Galvanized Steel Door, Add	*133.68*	
		For Type 304 Stainless Steel Door, Add	*534.71*	
		For Type 316 Stainless Steel Door, Add	*868.91*	
		For Embossed Panel Door, Add	*160.41*	
		For Baked Enamel Finish, Add	*220.37*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-43.35*	
		For >100, Deduct	*-63.36*	
		For 2" Thick Door, Add	*51.77*	
		For Polystyrene Core, Add	*66.84*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*167.10*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*83.55*	
		For Steel Stiffened, Add	*167.10*	
08 13 13 13-0098	EA	2'-8" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	810.71	66.18
		For 14 Gauge, Level 4 Maximum Duty, Add	*271.34*	
		For Galvanized Steel Door, Add	*135.67*	
		For Type 304 Stainless Steel Door, Add	*542.69*	
		For Type 316 Stainless Steel Door, Add	*881.87*	
		For Embossed Panel Door, Add	*162.81*	
		For Baked Enamel Finish, Add	*223.36*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-43.84*	
		For >100, Deduct	*-64.11*	
		For 2" Thick Door, Add	*52.49*	
		For Polystyrene Core, Add	*67.84*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*169.59*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*84.80*	
		For Steel Stiffened, Add	*169.59*	
08 13 13 13-0099	EA	2'-10" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	817.59	67.62
		For 14 Gauge, Level 4 Maximum Duty, Add	*272.94*	
		For Galvanized Steel Door, Add	*136.47*	
		For Type 304 Stainless Steel Door, Add	*545.89*	
		For Type 316 Stainless Steel Door, Add	*887.07*	
		For Embossed Panel Door, Add	*163.77*	
		For Baked Enamel Finish, Add	*224.99*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-44.26*	
		For >100, Deduct	*-64.70*	
		For 2" Thick Door, Add	*52.85*	
		For Polystyrene Core, Add	*68.24*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*170.59*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*85.30*	
		For Steel Stiffened, Add	*170.59*	
08 13 13 13-0100	EA	3' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	824.45	69.05
		For 14 Gauge, Level 4 Maximum Duty, Add	*274.54*	
		For Galvanized Steel Door, Add	*137.27*	
		For Type 304 Stainless Steel Door, Add	*549.07*	
		For Type 316 Stainless Steel Door, Add	*892.24*	
		For Embossed Panel Door, Add	*164.72*	
		For Baked Enamel Finish, Add	*226.62*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-44.68*	
		For >100, Deduct	*-65.29*	
		For 2" Thick Door, Add	*53.21*	
		For Polystyrene Core, Add	*68.63*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*171.59*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*85.79*	
		For Steel Stiffened, Add	*171.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0101	EA	3'-4" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	876.33	69.05
		For 14 Gauge, Level 4 Maximum Duty, Add	*295.29*	
		For Galvanized Steel Door, Add	*147.64*	
		For Type 304 Stainless Steel Door, Add	*590.58*	
		For Type 316 Stainless Steel Door, Add	*959.69*	
		For Embossed Panel Door, Add	*177.17*	
		For Baked Enamel Finish, Add	*242.18*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-47.27*	
		For >100, Deduct	*-69.18*	
		For 2" Thick Door, Add	*56.97*	
		For Polystyrene Core, Add	*73.82*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*184.56*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*92.28*	
		For Steel Stiffened, Add	*184.56*	
08 13 13 13-0102	EA	3'-6" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	902.03	71.93
		For 14 Gauge, Level 4 Maximum Duty, Add	*303.27*	
		For Galvanized Steel Door, Add	*151.63*	
		For Type 304 Stainless Steel Door, Add	*606.54*	
		For Type 316 Stainless Steel Door, Add	*985.62*	
		For Embossed Panel Door, Add	*181.96*	
		For Baked Enamel Finish, Add	*249.03*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-48.70*	
		For >100, Deduct	*-71.25*	
		For 2" Thick Door, Add	*58.56*	
		For Polystyrene Core, Add	*75.82*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*189.54*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*94.77*	
		For Steel Stiffened, Add	*189.54*	
08 13 13 13-0103	EA	4' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	993.35	77.69
		For 14 Gauge, Level 4 Maximum Duty, Add	*335.19*	
		For Galvanized Steel Door, Add	*167.59*	
		For Type 304 Stainless Steel Door, Add	*670.38*	
		For Type 316 Stainless Steel Door, Add	*1,089.36*	
		For Embossed Panel Door, Add	*201.11*	
		For Baked Enamel Finish, Add	*274.70*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-53.55*	
		For >100, Deduct	*-78.39*	
		For 2" Thick Door, Add	*64.64*	
		For Polystyrene Core, Add	*83.80*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*209.49*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*104.75*	
		For Steel Stiffened, Add	*209.49*	

08 13 13 13-0104 8' High, 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0073)*

08 13 13 13-0105	EA	2' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	904.01	63.30
		For Up To 1' Extra Height, Add	*215.11*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*310.96*	
		For Galvanized Steel Door, Add	*155.48*	
		For Type 304 Stainless Steel Door, Add	*621.92*	
		For Type 316 Stainless Steel Door, Add	*1,010.62*	
		For Embossed Panel Door, Add	*186.58*	
		For Baked Enamel Finish, Add	*252.21*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-48.37*	
		For >100, Deduct	*-70.97*	
		For 2" Thick Door, Add	*59.53*	
		For Polystyrene Core, Add	*77.74*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*194.35*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*97.18*	
		For Steel Stiffened, Add	*194.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0106	EA	2'-4" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	904.01	63.30
		For Up To 1' Extra Height, Add	*215.11*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*310.96*	
		For Galvanized Steel Door, Add	*155.48*	
		For Type 304 Stainless Steel Door, Add	*621.92*	
		For Type 316 Stainless Steel Door, Add	*1,010.62*	
		For Embossed Panel Door, Add	*186.58*	
		For Baked Enamel Finish, Add	*252.21*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-48.37*	
		For >100, Deduct	*-70.97*	
		For 2" Thick Door, Add	*59.53*	
		For Polystyrene Core, Add	*77.74*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*194.35*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*97.18*	
		For Steel Stiffened, Add	*194.35*	
08 13 13 13-0107	EA	2'-6" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	925.65	66.18
		For Up To 1' Extra Height, Add	*219.51*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*317.32*	
		For Galvanized Steel Door, Add	*158.66*	
		For Type 304 Stainless Steel Door, Add	*634.64*	
		For Type 316 Stainless Steel Door, Add	*1,031.29*	
		For Embossed Panel Door, Add	*190.39*	
		For Baked Enamel Finish, Add	*257.84*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-49.59*	
		For >100, Deduct	*-72.73*	
		For 2" Thick Door, Add	*60.82*	
		For Polystyrene Core, Add	*79.33*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*198.33*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*99.16*	
		For Steel Stiffened, Add	*198.33*	
08 13 13 13-0108	EA	2'-8" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	937.49	66.18
		For Up To 1' Extra Height, Add	*222.78*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*322.06*	
		For Galvanized Steel Door, Add	*161.03*	
		For Type 304 Stainless Steel Door, Add	*644.11*	
		For Type 316 Stainless Steel Door, Add	*1,046.68*	
		For Embossed Panel Door, Add	*193.23*	
		For Baked Enamel Finish, Add	*261.39*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-50.18*	
		For >100, Deduct	*-73.62*	
		For 2" Thick Door, Add	*61.68*	
		For Polystyrene Core, Add	*80.51*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*201.29*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*100.64*	
		For Steel Stiffened, Add	*201.29*	
08 13 13 13-0109	EA	2'-10" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	945.11	67.62
		For Up To 1' Extra Height, Add	*224.09*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*323.95*	
		For Galvanized Steel Door, Add	*161.98*	
		For Type 304 Stainless Steel Door, Add	*647.90*	
		For Type 316 Stainless Steel Door, Add	*1,052.84*	
		For Embossed Panel Door, Add	*194.37*	
		For Baked Enamel Finish, Add	*263.25*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-50.64*	
		For >100, Deduct	*-74.26*	
		For 2" Thick Door, Add	*62.10*	
		For Polystyrene Core, Add	*80.99*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*202.47*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*101.24*	
		For Steel Stiffened, Add	*202.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0110	EA	3' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	952.72	69.05
		For Up To 1' Extra Height, Add	*225.40*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*325.84*	
		For Galvanized Steel Door, Add	*162.92*	
		For Type 304 Stainless Steel Door, Add	*651.69*	
		For Type 316 Stainless Steel Door, Add	*1,058.99*	
		For Embossed Panel Door, Add	*195.51*	
		For Baked Enamel Finish, Add	*265.10*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-51.09*	
		For >100, Deduct	*-74.91*	
		For 2" Thick Door, Add	*62.51*	
		For Polystyrene Core, Add	*81.46*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*203.65*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*101.83*	
		For Steel Stiffened, Add	*203.65*	
08 13 13 13-0111	EA	3'-4" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	1,014.29	69.05
		For Up To 1' Extra Height, Add	*242.44*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*350.47*	
		For Galvanized Steel Door, Add	*175.24*	
		For Type 304 Stainless Steel Door, Add	*700.94*	
		For Type 316 Stainless Steel Door, Add	*1,139.03*	
		For Embossed Panel Door, Add	*210.28*	
		For Baked Enamel Finish, Add	*283.57*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-54.17*	
		For >100, Deduct	*-79.52*	
		For 2" Thick Door, Add	*66.98*	
		For Polystyrene Core, Add	*87.62*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*219.05*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*109.52*	
		For Steel Stiffened, Add	*219.05*	
08 13 13 13-0112	EA	3'-6" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	1,043.73	71.93
		For Up To 1' Extra Height, Add	*248.99*	
		For 1' To 1'-6" Extra Height, Add	*475.04*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*359.95*	
		For Galvanized Steel Door, Add	*179.97*	
		For Type 304 Stainless Steel Door, Add	*719.90*	
		For Type 316 Stainless Steel Door, Add	*1,169.83*	
		For Embossed Panel Door, Add	*215.97*	
		For Baked Enamel Finish, Add	*291.54*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-55.78*	
		For >100, Deduct	*-81.88*	
		For 2" Thick Door, Add	*68.84*	
		For Polystyrene Core, Add	*89.99*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*224.97*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*112.48*	
		For Steel Stiffened, Add	*224.97*	
08 13 13 13-0113	EA	4' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	1,149.96	77.69
		For Up To 1' Extra Height, Add	*275.20*	
		For 1' To 1'-6" Extra Height, Add	*525.04*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*397.83*	
		For Galvanized Steel Door, Add	*198.92*	
		For Type 304 Stainless Steel Door, Add	*795.66*	
		For Type 316 Stainless Steel Door, Add	*1,292.95*	
		For Embossed Panel Door, Add	*238.70*	
		For Baked Enamel Finish, Add	*321.68*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-61.38*	
		For >100, Deduct	*-90.13*	
		For 2" Thick Door, Add	*75.99*	
		For Polystyrene Core, Add	*99.46*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*248.65*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*124.32*	
		For Steel Stiffened, Add	*248.65*	

08 13 76 Bifolding Metal Doors *(08 13)*

08 13 76 00-0001 Bi-Fold Metal Doors *(08 13 76)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 76 00-0002		**Steel Full Louver Bi-Fold Doors** *(08 13 76 00-0001)*		
08 13 76 00-0003	EA	1'-6", Two 1" Doors, Painted, 24 Gauge Steel, Full Louvered Bi-Fold	266.16	63.28
08 13 76 00-0004	EA	2'-0", Two 1" Doors, Painted, 24 Gauge Steel, Full Louvered Bi-Fold	288.50	69.02
08 13 76 00-0005	EA	2'-6", Two 1" Doors, Painted, 24 Gauge Steel, Full Louvered Bi-Fold	314.45	74.78
08 13 76 00-0006	EA	3'-0", Two 1" Doors, Painted, 24 Gauge Steel, Full Louvered Bi-Fold	353.11	86.28
08 13 76 00-0007	EA	4'-0", Four 1" Doors, Painted, 24 Gauge Steel, Full Louvered Bi-Fold	462.12	92.04
08 13 76 00-0008	EA	5'-0", Four 1" Doors, Painted, 24 Gauge Steel, Full Louvered Bi-Fold	504.92	97.79
08 13 76 00-0009	EA	6'-0", Four 1" Doors, Painted, 24 Gauge Steel, Full Louvered Bi-Fold	535.68	103.54
08 13 76 00-0010		**Steel Half Louver, Half Panel Bi-Fold Doors** *(08 13 76 00-0001)*		
08 13 76 00-0011	EA	2'-0", Two 1" Doors, Painted, 24 Gauge Steel, Half Louvered Half Paneled Bi-Fold	302.95	69.02
08 13 76 00-0012	EA	2'-6", Two 1" Doors, Painted, 24 Gauge Steel, Half Louvered Half Paneled Bi-Fold	330.10	74.78
08 13 76 00-0013	EA	3'-0", Two 1" Doors, Painted, 24 Gauge Steel, Half Louvered Half Paneled Bi-Fold	362.74	86.28
08 13 76 00-0014	EA	4'-0", Four 1" Doors, Painted, 24 Gauge Steel, Half Louvered Half Paneled Bi-Fold	488.60	92.04
08 13 76 00-0015	EA	5'-0", Four 1" Doors, Painted, 24 Gauge Steel, Half Louvered Half Paneled Bi-Fold	524.18	97.79
08 13 76 00-0016	EA	6'-0", Four 1" Doors, Painted, 24 Gauge Steel, Half Louvered Half Paneled Bi-Fold	564.57	103.54

08 14 Wood Doors *(08 10)*

Note: Includes machining for all hardware, except mortised locks. Excludes frames, finish hardware (unless note states included).
See CSI section 08 05 13 00-0040 for mortise preparation, 08 70 00 00-0000 for finish hardware.

08 14 16 Flush Wood Doors *(08 14)*

08 14 16 00-0001 1-3/8" Thick, Hollow Core (HC), Wood Doors *(08 14 16)*

08 14 16 00-0002 Birch Faced Wood Door *(08 14 16 00-0001)*

08 14 16 00-0003	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	253.70	63.30
		For >25 To 50, Deduct	*-14.58*	
		For >50 To 100, Deduct	*-23.78*	
		For >100, Deduct	*-34.89*	
08 14 16 00-0004	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	253.70	63.30
		For >25 To 50, Deduct	*-14.58*	
		For >50 To 100, Deduct	*-23.78*	
		For >100, Deduct	*-34.89*	
08 14 16 00-0005	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	268.45	66.18
		For >25 To 50, Deduct	*-15.37*	
		For >50 To 100, Deduct	*-25.14*	
		For >100, Deduct	*-36.96*	
08 14 16 00-0006	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	275.08	66.18
		For >25 To 50, Deduct	*-15.64*	
		For >50 To 100, Deduct	*-25.72*	
		For >100, Deduct	*-37.95*	
08 14 16 00-0007	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	276.63	66.18
		For >25 To 50, Deduct	*-15.70*	
		For >50 To 100, Deduct	*-25.86*	
		For >100, Deduct	*-38.19*	
08 14 16 00-0008	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	283.17	69.05
		For >25 To 50, Deduct	*-16.16*	
		For >50 To 100, Deduct	*-26.50*	
		For >100, Deduct	*-39.02*	
08 14 16 00-0009	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	297.34	69.05
		For >25 To 50, Deduct	*-16.73*	
		For >50 To 100, Deduct	*-27.74*	
		For >100, Deduct	*-41.15*	
08 14 16 00-0010	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	313.28	71.93
		For >25 To 50, Deduct	*-17.57*	
		For >50 To 100, Deduct	*-29.21*	
		For >100, Deduct	*-43.40*	
08 14 16 00-0011	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	261.11	63.30
		For >25 To 50, Deduct	*-14.88*	
		For >50 To 100, Deduct	*-24.43*	
		For >100, Deduct	*-36.00*	
08 14 16 00-0012	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	261.11	63.30
		For >25 To 50, Deduct	*-14.88*	
		For >50 To 100, Deduct	*-24.43*	
		For >100, Deduct	*-36.00*	
08 14 16 00-0013	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	276.38	66.18
		For >25 To 50, Deduct	*-15.69*	
		For >50 To 100, Deduct	*-25.84*	
		For >100, Deduct	*-38.15*	
08 14 16 00-0014	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	283.39	66.18
		For >25 To 50, Deduct	*-15.97*	
		For >50 To 100, Deduct	*-26.45*	
		For >100, Deduct	*-39.20*	
08 14 16 00-0015	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	285.03	66.18
		For >25 To 50, Deduct	*-16.03*	
		For >50 To 100, Deduct	*-26.59*	
		For >100, Deduct	*-39.45*	
08 14 16 00-0016	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	291.61	69.05
		For >25 To 50, Deduct	*-16.50*	
		For >50 To 100, Deduct	*-27.24*	
		For >100, Deduct	*-40.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0017	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	306.60	69.05
		For >25 To 50, Deduct	*-17.10*	
		For >50 To 100, Deduct	*-28.55*	
		For >100, Deduct	*-42.54*	
08 14 16 00-0018	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	323.13	71.93
		For >25 To 50, Deduct	*-17.96*	
		For >50 To 100, Deduct	*-30.07*	
		For >100, Deduct	*-44.87*	
08 14 16 00-0019	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	287.33	63.30
		For >25 To 50, Deduct	*-15.92*	
		For >50 To 100, Deduct	*-26.72*	
		For >100, Deduct	*-39.93*	
		For 9' Door Height, Add	*33.75*	
08 14 16 00-0020	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	287.33	63.30
		For >25 To 50, Deduct	*-15.92*	
		For >50 To 100, Deduct	*-26.72*	
		For >100, Deduct	*-39.93*	
		For 9' Door Height, Add	*33.75*	
08 14 16 00-0021	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	304.48	66.18
		For >25 To 50, Deduct	*-16.81*	
		For >50 To 100, Deduct	*-28.30*	
		For >100, Deduct	*-42.36*	
		For 9' Door Height, Add	*36.15*	
08 14 16 00-0022	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	312.83	66.18
		For >25 To 50, Deduct	*-17.15*	
		For >50 To 100, Deduct	*-29.03*	
		For >100, Deduct	*-43.62*	
		For 9' Door Height, Add	*37.90*	
08 14 16 00-0023	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	314.80	66.18
		For >25 To 50, Deduct	*-17.22*	
		For >50 To 100, Deduct	*-29.20*	
		For >100, Deduct	*-43.91*	
		For 9' Door Height, Add	*38.31*	
08 14 16 00-0024	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	321.54	69.05
		For >25 To 50, Deduct	*-17.70*	
		For >50 To 100, Deduct	*-29.86*	
		For >100, Deduct	*-44.78*	
		For 9' Door Height, Add	*38.52*	
08 14 16 00-0025	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	339.46	69.05
		For >25 To 50, Deduct	*-18.41*	
		For >50 To 100, Deduct	*-31.43*	
		For >100, Deduct	*-47.47*	
		For 9' Door Height, Add	*42.28*	
08 14 16 00-0026	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	358.08	71.93
		For >25 To 50, Deduct	*-19.36*	
		For >50 To 100, Deduct	*-33.13*	
		For >100, Deduct	*-50.12*	
		For 9' Door Height, Add	*44.99*	
08 14 16 00-0027		Oak Faced Wood Door *(08 14 16 00-0001)*		
08 14 16 00-0028	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	384.05	63.30
		For >25 To 50, Deduct	*-19.79*	
		For >50 To 100, Deduct	*-35.19*	
		For >100, Deduct	*-54.44*	
08 14 16 00-0029	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	384.05	63.30
		For >25 To 50, Deduct	*-19.79*	
		For >50 To 100, Deduct	*-35.19*	
		For >100, Deduct	*-54.44*	
08 14 16 00-0030	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	408.03	66.18
		For >25 To 50, Deduct	*-20.95*	
		For >50 To 100, Deduct	*-37.36*	
		For >100, Deduct	*-57.90*	
08 14 16 00-0031	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	421.46	66.18
		For >25 To 50, Deduct	*-21.49*	
		For >50 To 100, Deduct	*-38.53*	
		For >100, Deduct	*-59.91*	
08 14 16 00-0032	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	423.82	66.18
		For >25 To 50, Deduct	*-21.59*	
		For >50 To 100, Deduct	*-38.74*	
		For >100, Deduct	*-60.26*	
08 14 16 00-0033	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	431.95	69.05
		For >25 To 50, Deduct	*-22.11*	
		For >50 To 100, Deduct	*-39.52*	
		For >100, Deduct	*-61.34*	
08 14 16 00-0034	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	460.60	69.05
		For >25 To 50, Deduct	*-23.26*	
		For >50 To 100, Deduct	*-42.03*	
		For >100, Deduct	*-65.64*	
08 14 16 00-0035	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	487.01	71.93
		For >25 To 50, Deduct	*-24.52*	
		For >50 To 100, Deduct	*-44.41*	
		For >100, Deduct	*-69.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0036	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	399.02	63.30
		For >25 To 50, Deduct	*-20.39*	
		For >50 To 100, Deduct	*-36.50*	
		For >100, Deduct	*-56.69*	
08 14 16 00-0037	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	399.02	63.30
		For >25 To 50, Deduct	*-20.39*	
		For >50 To 100, Deduct	*-36.50*	
		For >100, Deduct	*-56.69*	
08 14 16 00-0038	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	424.08	66.18
		For >25 To 50, Deduct	*-21.60*	
		For >50 To 100, Deduct	*-38.76*	
		For >100, Deduct	*-60.30*	
08 14 16 00-0039	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	438.28	66.18
		For >25 To 50, Deduct	*-22.16*	
		For >50 To 100, Deduct	*-40.00*	
		For >100, Deduct	*-62.43*	
08 14 16 00-0040	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	440.77	66.18
		For >25 To 50, Deduct	*-22.26*	
		For >50 To 100, Deduct	*-40.22*	
		For >100, Deduct	*-62.81*	
08 14 16 00-0041	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	449.03	69.05
		For >25 To 50, Deduct	*-22.80*	
		For >50 To 100, Deduct	*-41.02*	
		For >100, Deduct	*-63.90*	
08 14 16 00-0042	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	479.37	69.05
		For >25 To 50, Deduct	*-24.01*	
		For >50 To 100, Deduct	*-43.67*	
		For >100, Deduct	*-68.45*	
08 14 16 00-0043	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	506.97	71.93
		For >25 To 50, Deduct	*-25.31*	
		For >50 To 100, Deduct	*-46.16*	
		For >100, Deduct	*-72.45*	
08 14 16 00-0044	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	452.16	63.30
		For >25 To 50, Deduct	*-22.52*	
		For >50 To 100, Deduct	*-41.15*	
		For >100, Deduct	*-64.66*	
		For 9' Door Height, Add	*68.37*	
08 14 16 00-0045	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	452.16	63.30
		For >25 To 50, Deduct	*-22.52*	
		For >50 To 100, Deduct	*-41.15*	
		For >100, Deduct	*-64.66*	
		For 9' Door Height, Add	*68.37*	
08 14 16 00-0046	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	480.96	66.18
		For >25 To 50, Deduct	*-23.87*	
		For >50 To 100, Deduct	*-43.74*	
		For >100, Deduct	*-68.84*	
		For 9' Door Height, Add	*73.21*	
08 14 16 00-0047	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	497.92	66.18
		For >25 To 50, Deduct	*-24.55*	
		For >50 To 100, Deduct	*-45.22*	
		For >100, Deduct	*-71.38*	
		For 9' Door Height, Add	*76.77*	
08 14 16 00-0048	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	500.93	66.18
		For >25 To 50, Deduct	*-24.67*	
		For >50 To 100, Deduct	*-45.49*	
		For >100, Deduct	*-71.83*	
		For 9' Door Height, Add	*77.40*	
08 14 16 00-0049	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	509.66	69.05
		For >25 To 50, Deduct	*-25.22*	
		For >50 To 100, Deduct	*-46.32*	
		For >100, Deduct	*-73.00*	
		For 9' Door Height, Add	*78.03*	
08 14 16 00-0050	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	545.93	69.05
		For >25 To 50, Deduct	*-26.67*	
		For >50 To 100, Deduct	*-49.50*	
		For >100, Deduct	*-78.44*	
		For 9' Door Height, Add	*85.64*	
08 14 16 00-0051	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	577.80	71.93
		For >25 To 50, Deduct	*-28.15*	
		For >50 To 100, Deduct	*-52.36*	
		For >100, Deduct	*-83.07*	
		For 9' Door Height, Add	*91.13*	

08 14 16 00-0052 Maple Faced Wood Door *(08 14 16 00-0001)*

08 14 16 00-0053	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	315.26	63.30
		For >25 To 50, Deduct	*-17.04*	
		For >50 To 100, Deduct	*-29.17*	
		For >100, Deduct	*-44.12*	
08 14 16 00-0054	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	315.26	63.30
		For >25 To 50, Deduct	*-17.04*	
		For >50 To 100, Deduct	*-29.17*	
		For >100, Deduct	*-44.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0055	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	334.35	66.18
		For >25 To 50, Deduct	*-18.01*	
		For >50 To 100, Deduct	*-30.91*	
		For >100, Deduct	*-46.84*	
08 14 16 00-0056	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	344.21	66.18
		For >25 To 50, Deduct	*-18.40*	
		For >50 To 100, Deduct	*-31.77*	
		For >100, Deduct	*-48.32*	
08 14 16 00-0057	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	345.94	66.18
		For >25 To 50, Deduct	*-18.47*	
		For >50 To 100, Deduct	*-31.92*	
		For >100, Deduct	*-48.58*	
08 14 16 00-0058	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	353.43	69.05
		For >25 To 50, Deduct	*-18.97*	
		For >50 To 100, Deduct	*-32.65*	
		For >100, Deduct	*-49.56*	
08 14 16 00-0059	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	374.43	69.05
		For >25 To 50, Deduct	*-19.81*	
		For >50 To 100, Deduct	*-34.49*	
		For >100, Deduct	*-52.71*	
08 14 16 00-0060	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	395.31	71.93
		For >25 To 50, Deduct	*-20.85*	
		For >50 To 100, Deduct	*-36.39*	
		For >100, Deduct	*-55.70*	
08 14 16 00-0061	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	326.22	63.30
		For >25 To 50, Deduct	*-17.48*	
		For >50 To 100, Deduct	*-30.13*	
		For >100, Deduct	*-45.77*	
08 14 16 00-0062	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	326.22	63.30
		For >25 To 50, Deduct	*-17.48*	
		For >50 To 100, Deduct	*-30.13*	
		For >100, Deduct	*-45.77*	
08 14 16 00-0063	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	346.12	66.18
		For >25 To 50, Deduct	*-18.48*	
		For >50 To 100, Deduct	*-31.94*	
		For >100, Deduct	*-48.61*	
08 14 16 00-0064	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	356.53	66.18
		For >25 To 50, Deduct	*-18.89*	
		For >50 To 100, Deduct	*-32.85*	
		For >100, Deduct	*-50.17*	
08 14 16 00-0065	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	358.37	66.18
		For >25 To 50, Deduct	*-18.97*	
		For >50 To 100, Deduct	*-33.01*	
		For >100, Deduct	*-50.45*	
08 14 16 00-0066	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	365.94	69.05
		For >25 To 50, Deduct	*-19.47*	
		For >50 To 100, Deduct	*-33.75*	
		For >100, Deduct	*-51.44*	
08 14 16 00-0067	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	388.17	69.05
		For >25 To 50, Deduct	*-20.36*	
		For >50 To 100, Deduct	*-35.69*	
		For >100, Deduct	*-54.77*	
08 14 16 00-0068	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	409.95	71.93
		For >25 To 50, Deduct	*-21.43*	
		For >50 To 100, Deduct	*-37.67*	
		For >100, Deduct	*-57.90*	
08 14 16 00-0069	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	365.16	63.30
		For >25 To 50, Deduct	*-19.04*	
		For >50 To 100, Deduct	*-33.53*	
		For >100, Deduct	*-51.61*	
		For 9' Door Height, Add	*50.10*	
08 14 16 00-0070	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	365.16	63.30
		For >25 To 50, Deduct	*-19.04*	
		For >50 To 100, Deduct	*-33.53*	
		For >100, Deduct	*-51.61*	
		For 9' Door Height, Add	*50.10*	
08 14 16 00-0071	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	387.80	66.18
		For >25 To 50, Deduct	*-20.14*	
		For >50 To 100, Deduct	*-35.59*	
		For >100, Deduct	*-54.86*	
		For 9' Door Height, Add	*53.64*	
08 14 16 00-0072	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	400.22	66.18
		For >25 To 50, Deduct	*-20.64*	
		For >50 To 100, Deduct	*-36.67*	
		For >100, Deduct	*-56.72*	
		For 9' Door Height, Add	*56.25*	
08 14 16 00-0073	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	402.43	66.18
		For >25 To 50, Deduct	*-20.73*	
		For >50 To 100, Deduct	*-36.87*	
		For >100, Deduct	*-57.06*	
		For 9' Door Height, Add	*56.72*	
08 14 16 00-0074	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	410.37	69.05
		For >25 To 50, Deduct	*-21.25*	
		For >50 To 100, Deduct	*-37.63*	
		For >100, Deduct	*-58.10*	
		For 9' Door Height, Add	*57.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0075	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	436.96	69.05
		For >25 To 50, Deduct	*-22.31*	
		For >50 To 100, Deduct	*-39.96*	
		For >100, Deduct	*-62.09*	
		For 9' Door Height, Add	*62.76*	
08 14 16 00-0076	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	461.84	71.93
		For >25 To 50, Deduct	*-23.51*	
		For >50 To 100, Deduct	*-42.21*	
		For >100, Deduct	*-65.68*	
		For 9' Door Height, Add	*66.78*	

08 14 16 00-0077 Lauan Faced Wood Doors *(08 14 16 00-0001)*

08 14 16 00-0078	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	217.99	63.30
		For >25 To 50, Deduct	*-13.15*	
		For >50 To 100, Deduct	*-20.66*	
		For >100, Deduct	*-29.53*	
08 14 16 00-0079	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	217.99	63.30
		For >25 To 50, Deduct	*-13.15*	
		For >50 To 100, Deduct	*-20.66*	
		For >100, Deduct	*-29.53*	
08 14 16 00-0080	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	229.92	66.18
		For >25 To 50, Deduct	*-13.83*	
		For >50 To 100, Deduct	*-21.77*	
		For >100, Deduct	*-31.18*	
08 14 16 00-0081	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	235.15	66.18
		For >25 To 50, Deduct	*-14.04*	
		For >50 To 100, Deduct	*-22.23*	
		For >100, Deduct	*-31.96*	
08 14 16 00-0082	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	236.99	66.18
		For >25 To 50, Deduct	*-14.11*	
		For >50 To 100, Deduct	*-22.39*	
		For >100, Deduct	*-32.24*	
08 14 16 00-0083	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	244.60	69.05
		For >25 To 50, Deduct	*-14.62*	
		For >50 To 100, Deduct	*-23.13*	
		For >100, Deduct	*-33.24*	
08 14 16 00-0084	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	254.78	69.05
		For >25 To 50, Deduct	*-15.03*	
		For >50 To 100, Deduct	*-24.02*	
		For >100, Deduct	*-34.76*	
08 14 16 00-0085	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	268.01	71.93
		For >25 To 50, Deduct	*-15.76*	
		For >50 To 100, Deduct	*-25.25*	
		For >100, Deduct	*-36.61*	
08 14 16 00-0086	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	223.30	63.30
		For >25 To 50, Deduct	*-13.36*	
		For >50 To 100, Deduct	*-21.12*	
		For >100, Deduct	*-30.33*	
08 14 16 00-0087	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	227.16	63.30
		For >25 To 50, Deduct	*-13.52*	
		For >50 To 100, Deduct	*-21.46*	
		For >100, Deduct	*-30.91*	
08 14 16 00-0088	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	235.60	66.18
		For >25 To 50, Deduct	*-14.06*	
		For >50 To 100, Deduct	*-22.27*	
		For >100, Deduct	*-32.03*	
08 14 16 00-0089	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	241.13	66.18
		For >25 To 50, Deduct	*-14.28*	
		For >50 To 100, Deduct	*-22.75*	
		For >100, Deduct	*-32.86*	
08 14 16 00-0090	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	247.51	66.18
		For >25 To 50, Deduct	*-14.53*	
		For >50 To 100, Deduct	*-23.31*	
		For >100, Deduct	*-33.82*	
08 14 16 00-0091	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	250.79	69.05
		For >25 To 50, Deduct	*-14.87*	
		For >50 To 100, Deduct	*-23.67*	
		For >100, Deduct	*-34.17*	
08 14 16 00-0092	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	261.57	69.05
		For >25 To 50, Deduct	*-15.30*	
		For >50 To 100, Deduct	*-24.61*	
		For >100, Deduct	*-35.78*	
08 14 16 00-0093	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	280.48	71.93
		For >25 To 50, Deduct	*-16.25*	
		For >50 To 100, Deduct	*-26.34*	
		For >100, Deduct	*-38.48*	
08 14 16 00-0094	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	242.17	63.30
		For >25 To 50, Deduct	*-14.12*	
		For >50 To 100, Deduct	*-22.77*	
		For >100, Deduct	*-33.16*	
		For 9' Door Height, Add	*24.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0095	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	242.14	63.30
		For >25 To 50, Deduct	*-14.12*	
		For >50 To 100, Deduct	*-22.77*	
		For >100, Deduct	*-33.16*	
		For 9' Door Height, Add	*24.26*	
08 14 16 00-0096	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	255.74	66.18
		For >25 To 50, Deduct	*-14.86*	
		For >50 To 100, Deduct	*-24.03*	
		For >100, Deduct	*-35.05*	
		For 9' Door Height, Add	*25.91*	
08 14 16 00-0097	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	262.33	66.18
		For >25 To 50, Deduct	*-15.13*	
		For >50 To 100, Deduct	*-24.61*	
		For >100, Deduct	*-36.04*	
		For 9' Door Height, Add	*27.30*	
08 14 16 00-0098	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	264.68	66.18
		For >25 To 50, Deduct	*-15.22*	
		For >50 To 100, Deduct	*-24.81*	
		For >100, Deduct	*-36.39*	
		For 9' Door Height, Add	*27.79*	
08 14 16 00-0099	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	272.77	69.05
		For >25 To 50, Deduct	*-15.74*	
		For >50 To 100, Deduct	*-25.59*	
		For >100, Deduct	*-37.46*	
		For 9' Door Height, Add	*28.28*	
08 14 16 00-0100	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	285.65	69.05
		For >25 To 50, Deduct	*-16.26*	
		For >50 To 100, Deduct	*-26.72*	
		For >100, Deduct	*-39.39*	
		For 9' Door Height, Add	*30.98*	
08 14 16 00-0101	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	300.83	71.93
		For >25 To 50, Deduct	*-17.07*	
		For >50 To 100, Deduct	*-28.12*	
		For >100, Deduct	*-41.53*	
		For 9' Door Height, Add	*32.96*	
08 14 16 00-0102		**Medium Density Overlay (MDO) Faced Wood Doors** *(08 14 16 00-0001)*		
08 14 16 00-0103	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	242.82	63.30
		For >25 To 50, Deduct	*-14.14*	
		For >50 To 100, Deduct	*-22.83*	
		For >100, Deduct	*-33.26*	
08 14 16 00-0104	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	242.82	63.30
		For >25 To 50, Deduct	*-14.14*	
		For >50 To 100, Deduct	*-22.83*	
		For >100, Deduct	*-33.26*	
08 14 16 00-0105	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	257.03	66.18
		For >25 To 50, Deduct	*-14.91*	
		For >50 To 100, Deduct	*-24.14*	
		For >100, Deduct	*-35.25*	
08 14 16 00-0106	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	261.04	66.18
		For >25 To 50, Deduct	*-15.07*	
		For >50 To 100, Deduct	*-24.50*	
		For >100, Deduct	*-35.85*	
08 14 16 00-0107	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	265.07	66.18
		For >25 To 50, Deduct	*-15.24*	
		For >50 To 100, Deduct	*-24.85*	
		For >100, Deduct	*-36.45*	
08 14 16 00-0108	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	274.83	69.05
		For >25 To 50, Deduct	*-15.83*	
		For >50 To 100, Deduct	*-25.77*	
		For >100, Deduct	*-37.77*	
08 14 16 00-0109	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	289.88	69.05
		For >25 To 50, Deduct	*-16.43*	
		For >50 To 100, Deduct	*-27.09*	
		For >100, Deduct	*-40.03*	
08 14 16 00-0110	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	305.33	71.93
		For >25 To 50, Deduct	*-17.25*	
		For >50 To 100, Deduct	*-28.51*	
		For >100, Deduct	*-42.20*	
08 14 16 00-0111	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	249.57	63.30
		For >25 To 50, Deduct	*-14.41*	
		For >50 To 100, Deduct	*-23.42*	
		For >100, Deduct	*-34.27*	
08 14 16 00-0112	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	249.57	63.30
		For >25 To 50, Deduct	*-14.41*	
		For >50 To 100, Deduct	*-23.42*	
		For >100, Deduct	*-34.27*	
08 14 16 00-0113	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	264.28	66.18
		For >25 To 50, Deduct	*-15.20*	
		For >50 To 100, Deduct	*-24.78*	
		For >100, Deduct	*-36.33*	
08 14 16 00-0114	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	268.53	66.18
		For >25 To 50, Deduct	*-15.37*	
		For >50 To 100, Deduct	*-25.15*	
		For >100, Deduct	*-36.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0115	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	272.80	66.18
		For >25 To 50, Deduct	*-15.54*	
		For >50 To 100, Deduct	*-25.52*	
		For >100, Deduct	*-37.61*	
08 14 16 00-0116	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	282.80	69.05
		For >25 To 50, Deduct	*-16.15*	
		For >50 To 100, Deduct	*-26.47*	
		For >100, Deduct	*-38.97*	
08 14 16 00-0117	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	298.72	69.05
		For >25 To 50, Deduct	*-16.78*	
		For >50 To 100, Deduct	*-27.86*	
		For >100, Deduct	*-41.36*	
08 14 16 00-0118	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	314.73	71.93
		For >25 To 50, Deduct	*-17.62*	
		For >50 To 100, Deduct	*-29.34*	
		For >100, Deduct	*-43.61*	
08 14 16 00-0119	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	273.53	63.30
		For >25 To 50, Deduct	*-15.37*	
		For >50 To 100, Deduct	*-25.52*	
		For >100, Deduct	*-37.86*	
		For 9' Door Height, Add	*30.85*	
08 14 16 00-0120	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	273.56	63.30
		For >25 To 50, Deduct	*-15.37*	
		For >50 To 100, Deduct	*-25.52*	
		For >100, Deduct	*-37.87*	
		For 9' Door Height, Add	*30.86*	
08 14 16 00-0121	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	290.00	66.18
		For >25 To 50, Deduct	*-16.23*	
		For >50 To 100, Deduct	*-27.03*	
		For >100, Deduct	*-40.19*	
		For 9' Door Height, Add	*33.11*	
08 14 16 00-0122	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	295.10	66.18
		For >25 To 50, Deduct	*-16.44*	
		For >50 To 100, Deduct	*-27.48*	
		For >100, Deduct	*-40.96*	
		For 9' Door Height, Add	*34.18*	
08 14 16 00-0123	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	300.20	66.18
		For >25 To 50, Deduct	*-16.64*	
		For >50 To 100, Deduct	*-27.92*	
		For >100, Deduct	*-41.72*	
		For 9' Door Height, Add	*35.25*	
08 14 16 00-0124	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	311.03	69.05
		For >25 To 50, Deduct	*-17.28*	
		For >50 To 100, Deduct	*-28.94*	
		For >100, Deduct	*-43.20*	
		For 9' Door Height, Add	*36.31*	
08 14 16 00-0125	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	330.04	69.05
		For >25 To 50, Deduct	*-18.04*	
		For >50 To 100, Deduct	*-30.60*	
		For >100, Deduct	*-46.05*	
		For 9' Door Height, Add	*40.31*	
08 14 16 00-0126	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	348.06	71.93
		For >25 To 50, Deduct	*-18.96*	
		For >50 To 100, Deduct	*-32.25*	
		For >100, Deduct	*-48.61*	
		For 9' Door Height, Add	*42.88*	

08 14 16 00-0127 1-3/4" Thick, Hollow Core (HC), Wood Doors *(08 14 16)*

08 14 16 00-0128 Birch Faced Wood Doors *(08 14 16 00-0127)*

08 14 16 00-0129	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	285.47	63.30
		For >25 To 50, Deduct	*-15.85*	
		For >50 To 100, Deduct	*-26.56*	
		For >100, Deduct	*-39.66*	
08 14 16 00-0130	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	285.47	63.30
		For >25 To 50, Deduct	*-15.85*	
		For >50 To 100, Deduct	*-26.56*	
		For >100, Deduct	*-39.66*	
08 14 16 00-0131	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	297.20	66.18
		For >25 To 50, Deduct	*-16.52*	
		For >50 To 100, Deduct	*-27.66*	
		For >100, Deduct	*-41.27*	
08 14 16 00-0132	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	299.43	66.18
		For >25 To 50, Deduct	*-16.61*	
		For >50 To 100, Deduct	*-27.85*	
		For >100, Deduct	*-41.61*	
08 14 16 00-0133	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	304.32	66.18
		For >25 To 50, Deduct	*-16.81*	
		For >50 To 100, Deduct	*-28.28*	
		For >100, Deduct	*-42.34*	
08 14 16 00-0134	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	314.97	69.05
		For >25 To 50, Deduct	*-17.43*	
		For >50 To 100, Deduct	*-29.29*	
		For >100, Deduct	*-43.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0135	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	340.90	69.05
		For >25 To 50, Deduct	*-18.47*	
		For >50 To 100, Deduct	*-31.56*	
		For >100, Deduct	*-47.68*	
08 14 16 00-0136	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	399.28	71.93
		For >25 To 50, Deduct	*-21.01*	
		For >50 To 100, Deduct	*-36.74*	
		For >100, Deduct	*-56.30*	
08 14 16 00-0137	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	412.05	71.93
		For >25 To 50, Deduct	*-21.52*	
		For >50 To 100, Deduct	*-37.85*	
		For >100, Deduct	*-58.21*	
08 14 16 00-0138	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	437.59	71.93
		For >25 To 50, Deduct	*-22.54*	
		For >50 To 100, Deduct	*-40.09*	
		For >100, Deduct	*-62.04*	
08 14 16 00-0139	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	294.73	63.30
		For >25 To 50, Deduct	*-16.22*	
		For >50 To 100, Deduct	*-27.37*	
		For >100, Deduct	*-41.04*	
08 14 16 00-0140	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	294.72	63.30
		For >25 To 50, Deduct	*-16.22*	
		For >50 To 100, Deduct	*-27.37*	
		For >100, Deduct	*-41.04*	
08 14 16 00-0141	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	306.79	66.18
		For >25 To 50, Deduct	*-16.90*	
		For >50 To 100, Deduct	*-28.50*	
		For >100, Deduct	*-42.71*	
08 14 16 00-0142	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	309.16	66.18
		For >25 To 50, Deduct	*-17.00*	
		For >50 To 100, Deduct	*-28.71*	
		For >100, Deduct	*-43.07*	
08 14 16 00-0143	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	314.33	66.18
		For >25 To 50, Deduct	*-17.21*	
		For >50 To 100, Deduct	*-29.16*	
		For >100, Deduct	*-43.84*	
08 14 16 00-0144	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	325.25	69.05
		For >25 To 50, Deduct	*-17.84*	
		For >50 To 100, Deduct	*-30.19*	
		For >100, Deduct	*-45.33*	
08 14 16 00-0145	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	352.70	69.05
		For >25 To 50, Deduct	*-18.94*	
		For >50 To 100, Deduct	*-32.59*	
		For >100, Deduct	*-49.45*	
08 14 16 00-0146	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	414.16	71.93
		For >25 To 50, Deduct	*-21.60*	
		For >50 To 100, Deduct	*-38.04*	
		For >100, Deduct	*-58.53*	
08 14 16 00-0147	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	427.66	71.93
		For >25 To 50, Deduct	*-22.14*	
		For >50 To 100, Deduct	*-39.22*	
		For >100, Deduct	*-60.55*	
08 14 16 00-0148	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	454.69	71.93
		For >25 To 50, Deduct	*-23.22*	
		For >50 To 100, Deduct	*-41.58*	
		For >100, Deduct	*-64.61*	
08 14 16 00-0149	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	327.51	63.30
		For >25 To 50, Deduct	*-17.53*	
		For >50 To 100, Deduct	*-30.24*	
		For >100, Deduct	*-45.96*	
		For 9' Door Height, Add	*42.19*	
08 14 16 00-0150	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	327.51	63.30
		For >25 To 50, Deduct	*-17.53*	
		For >50 To 100, Deduct	*-30.24*	
		For >100, Deduct	*-45.96*	
		For 9' Door Height, Add	*42.19*	
08 14 16 00-0151	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	340.82	66.18
		For >25 To 50, Deduct	*-18.27*	
		For >50 To 100, Deduct	*-31.48*	
		For >100, Deduct	*-47.81*	
		For 9' Door Height, Add	*43.78*	
08 14 16 00-0152	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	343.63	66.18
		For >25 To 50, Deduct	*-18.38*	
		For >50 To 100, Deduct	*-31.72*	
		For >100, Deduct	*-48.24*	
		For 9' Door Height, Add	*44.37*	
08 14 16 00-0153	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	349.83	66.18
		For >25 To 50, Deduct	*-18.63*	
		For >50 To 100, Deduct	*-32.26*	
		For >100, Deduct	*-49.17*	
		For 9' Door Height, Add	*45.67*	
08 14 16 00-0154	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	361.74	69.05
		For >25 To 50, Deduct	*-19.30*	
		For >50 To 100, Deduct	*-33.38*	
		For >100, Deduct	*-50.81*	
		For 9' Door Height, Add	*46.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0155	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	394.55	69.05
		For >25 To 50, Deduct	*-20.62*	
		For >50 To 100, Deduct	*-36.25*	
		For >100, Deduct	*-55.73*	
		For 9' Door Height, Add	*53.85*	
08 14 16 00-0156	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	466.86	71.93
		For >25 To 50, Deduct	*-23.71*	
		For >50 To 100, Deduct	*-42.65*	
		For >100, Deduct	*-66.43*	
		For 9' Door Height, Add	*67.83*	
08 14 16 00-0157	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	482.99	71.93
		For >25 To 50, Deduct	*-24.35*	
		For >50 To 100, Deduct	*-44.06*	
		For >100, Deduct	*-68.85*	
		For 9' Door Height, Add	*71.22*	
08 14 16 00-0158	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	515.31	71.93
		For >25 To 50, Deduct	*-25.65*	
		For >50 To 100, Deduct	*-46.89*	
		For >100, Deduct	*-73.70*	
		For 9' Door Height, Add	*78.00*	

08 14 16 00-0159 Oak Faced Wood Doors *(08 14 16 00-0127)*

08 14 16 00-0160	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	468.94	63.30
		For >25 To 50, Deduct	*-23.19*	
		For >50 To 100, Deduct	*-42.61*	
		For >100, Deduct	*-67.18*	
08 14 16 00-0161	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	468.94	63.30
		For >25 To 50, Deduct	*-23.19*	
		For >50 To 100, Deduct	*-42.61*	
		For >100, Deduct	*-67.18*	
08 14 16 00-0162	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	487.55	66.18
		For >25 To 50, Deduct	*-24.13*	
		For >50 To 100, Deduct	*-44.32*	
		For >100, Deduct	*-69.82*	
08 14 16 00-0163	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	492.37	66.18
		For >25 To 50, Deduct	*-24.33*	
		For >50 To 100, Deduct	*-44.74*	
		For >100, Deduct	*-70.55*	
08 14 16 00-0164	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	502.91	66.18
		For >25 To 50, Deduct	*-24.75*	
		For >50 To 100, Deduct	*-45.66*	
		For >100, Deduct	*-72.13*	
08 14 16 00-0165	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	519.17	69.05
		For >25 To 50, Deduct	*-25.60*	
		For >50 To 100, Deduct	*-47.15*	
		For >100, Deduct	*-74.42*	
08 14 16 00-0166	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	575.06	69.05
		For >25 To 50, Deduct	*-27.84*	
		For >50 To 100, Deduct	*-52.04*	
		For >100, Deduct	*-82.81*	
08 14 16 00-0167	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	694.23	71.93
		For >25 To 50, Deduct	*-32.80*	
		For >50 To 100, Deduct	*-62.54*	
		For >100, Deduct	*-100.54*	
08 14 16 00-0168	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	721.77	71.93
		For >25 To 50, Deduct	*-33.91*	
		For >50 To 100, Deduct	*-64.95*	
		For >100, Deduct	*-104.67*	
08 14 16 00-0169	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	776.84	71.93
		For >25 To 50, Deduct	*-36.11*	
		For >50 To 100, Deduct	*-69.77*	
		For >100, Deduct	*-112.93*	
08 14 16 00-0170	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	488.85	63.30
		For >25 To 50, Deduct	*-23.99*	
		For >50 To 100, Deduct	*-44.36*	
		For >100, Deduct	*-70.16*	
08 14 16 00-0171	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	488.86	63.30
		For >25 To 50, Deduct	*-23.99*	
		For >50 To 100, Deduct	*-44.36*	
		For >100, Deduct	*-70.16*	
08 14 16 00-0172	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	508.22	66.18
		For >25 To 50, Deduct	*-24.96*	
		For >50 To 100, Deduct	*-46.12*	
		For >100, Deduct	*-72.92*	
08 14 16 00-0173	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	513.32	66.18
		For >25 To 50, Deduct	*-25.17*	
		For >50 To 100, Deduct	*-46.57*	
		For >100, Deduct	*-73.69*	
08 14 16 00-0174	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	524.46	66.18
		For >25 To 50, Deduct	*-25.61*	
		For >50 To 100, Deduct	*-47.54*	
		For >100, Deduct	*-75.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0175	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	541.34	69.05
		For >25 To 50, Deduct	*-26.49*	
		For >50 To 100, Deduct	*-49.09*	
		For >100, Deduct	*-77.75*	
08 14 16 00-0176	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	600.49	69.05
		For >25 To 50, Deduct	*-28.85*	
		For >50 To 100, Deduct	*-54.27*	
		For >100, Deduct	*-86.62*	
08 14 16 00-0177	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	726.27	71.93
		For >25 To 50, Deduct	*-34.09*	
		For >50 To 100, Deduct	*-65.35*	
		For >100, Deduct	*-105.34*	
08 14 16 00-0178	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	755.42	71.93
		For >25 To 50, Deduct	*-35.25*	
		For >50 To 100, Deduct	*-67.90*	
		For >100, Deduct	*-109.72*	
08 14 16 00-0179	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	813.68	71.93
		For >25 To 50, Deduct	*-37.58*	
		For >50 To 100, Deduct	*-73.00*	
		For >100, Deduct	*-118.46*	
08 14 16 00-0180	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	559.47	63.30
		For >25 To 50, Deduct	*-26.81*	
		For >50 To 100, Deduct	*-50.54*	
		For >100, Deduct	*-80.76*	
		For 9' Door Height, Add	*90.90*	
08 14 16 00-0181	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	559.51	63.30
		For >25 To 50, Deduct	*-26.81*	
		For >50 To 100, Deduct	*-50.54*	
		For >100, Deduct	*-80.76*	
		For 9' Door Height, Add	*90.91*	
08 14 16 00-0182	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	581.52	66.18
		For >25 To 50, Deduct	*-27.89*	
		For >50 To 100, Deduct	*-52.54*	
		For >100, Deduct	*-83.92*	
		For 9' Door Height, Add	*94.33*	
08 14 16 00-0183	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	587.59	66.18
		For >25 To 50, Deduct	*-28.14*	
		For >50 To 100, Deduct	*-53.07*	
		For >100, Deduct	*-84.83*	
		For 9' Door Height, Add	*95.60*	
08 14 16 00-0184	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	600.92	66.18
		For >25 To 50, Deduct	*-28.67*	
		For >50 To 100, Deduct	*-54.23*	
		For >100, Deduct	*-86.83*	
		For 9' Door Height, Add	*98.40*	
08 14 16 00-0185	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	619.98	69.05
		For >25 To 50, Deduct	*-29.63*	
		For >50 To 100, Deduct	*-55.97*	
		For >100, Deduct	*-89.54*	
		For 9' Door Height, Add	*101.19*	
08 14 16 00-0186	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	690.68	69.05
		For >25 To 50, Deduct	*-32.46*	
		For >50 To 100, Deduct	*-62.16*	
		For >100, Deduct	*-100.15*	
		For 9' Door Height, Add	*116.04*	
08 14 16 00-0187	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	839.84	71.93
		For >25 To 50, Deduct	*-38.63*	
		For >50 To 100, Deduct	*-75.28*	
		For >100, Deduct	*-122.38*	
		For 9' Door Height, Add	*146.16*	
08 14 16 00-0188	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	874.69	71.93
		For >25 To 50, Deduct	*-40.02*	
		For >50 To 100, Deduct	*-78.33*	
		For >100, Deduct	*-127.61*	
		For 9' Door Height, Add	*153.47*	
08 14 16 00-0189	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	944.31	71.93
		For >25 To 50, Deduct	*-42.81*	
		For >50 To 100, Deduct	*-84.43*	
		For >100, Deduct	*-138.05*	
		For 9' Door Height, Add	*168.09*	

08 14 16 00-0190 Maple Faced Wood Doors *(08 14 16 00-0127)*

08 14 16 00-0191	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	377.46	63.30
		For >25 To 50, Deduct	*-19.53*	
		For >50 To 100, Deduct	*-34.61*	
		For >100, Deduct	*-53.45*	
08 14 16 00-0192	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	377.46	63.30
		For >25 To 50, Deduct	*-19.53*	
		For >50 To 100, Deduct	*-34.61*	
		For >100, Deduct	*-53.45*	
08 14 16 00-0193	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	392.63	66.18
		For >25 To 50, Deduct	*-20.34*	
		For >50 To 100, Deduct	*-36.01*	
		For >100, Deduct	*-55.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0194	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	396.31	66.18
		For >25 To 50, Deduct	*-20.48*	
		For >50 To 100, Deduct	*-36.33*	
		For >100, Deduct	*-56.14*	
08 14 16 00-0195	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	403.95	66.18
		For >25 To 50, Deduct	*-20.79*	
		For >50 To 100, Deduct	*-37.00*	
		For >100, Deduct	*-57.28*	
08 14 16 00-0196	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	417.33	69.05
		For >25 To 50, Deduct	*-21.53*	
		For >50 To 100, Deduct	*-38.24*	
		For >100, Deduct	*-59.15*	
08 14 16 00-0197	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	458.30	69.05
		For >25 To 50, Deduct	*-23.17*	
		For >50 To 100, Deduct	*-41.83*	
		For >100, Deduct	*-65.29*	
08 14 16 00-0198	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	527.11	71.93
		For >25 To 50, Deduct	*-26.12*	
		For >50 To 100, Deduct	*-47.92*	
		For >100, Deduct	*-75.47*	
08 14 16 00-0199	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	567.33	71.93
		For >25 To 50, Deduct	*-27.73*	
		For >50 To 100, Deduct	*-51.44*	
		For >100, Deduct	*-81.50*	
08 14 16 00-0200	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	607.69	71.93
		For >25 To 50, Deduct	*-29.34*	
		For >50 To 100, Deduct	*-54.97*	
		For >100, Deduct	*-87.56*	
08 14 16 00-0201	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	392.07	63.30
		For >25 To 50, Deduct	*-20.11*	
		For >50 To 100, Deduct	*-35.89*	
		For >100, Deduct	*-55.65*	
08 14 16 00-0202	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	392.07	63.30
		For >25 To 50, Deduct	*-20.11*	
		For >50 To 100, Deduct	*-35.89*	
		For >100, Deduct	*-55.65*	
08 14 16 00-0203	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	407.76	66.18
		For >25 To 50, Deduct	*-20.94*	
		For >50 To 100, Deduct	*-37.33*	
		For >100, Deduct	*-57.86*	
08 14 16 00-0204	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	411.68	66.18
		For >25 To 50, Deduct	*-21.10*	
		For >50 To 100, Deduct	*-37.68*	
		For >100, Deduct	*-58.44*	
08 14 16 00-0205	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	419.75	66.18
		For >25 To 50, Deduct	*-21.42*	
		For >50 To 100, Deduct	*-38.38*	
		For >100, Deduct	*-59.65*	
08 14 16 00-0206	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	433.57	69.05
		For >25 To 50, Deduct	*-22.18*	
		For >50 To 100, Deduct	*-39.66*	
		For >100, Deduct	*-61.58*	
08 14 16 00-0207	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	476.93	69.05
		For >25 To 50, Deduct	*-23.91*	
		For >50 To 100, Deduct	*-43.46*	
		For >100, Deduct	*-68.09*	
08 14 16 00-0208	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	549.31	71.93
		For >25 To 50, Deduct	*-27.01*	
		For >50 To 100, Deduct	*-49.86*	
		For >100, Deduct	*-78.80*	
08 14 16 00-0209	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	592.01	71.93
		For >25 To 50, Deduct	*-28.72*	
		For >50 To 100, Deduct	*-53.60*	
		For >100, Deduct	*-85.21*	
08 14 16 00-0210	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	634.68	71.93
		For >25 To 50, Deduct	*-30.42*	
		For >50 To 100, Deduct	*-57.33*	
		For >100, Deduct	*-91.61*	
08 14 16 00-0211	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	443.83	63.30
		For >25 To 50, Deduct	*-22.18*	
		For >50 To 100, Deduct	*-40.42*	
		For >100, Deduct	*-63.41*	
		For 9' Door Height, Add	*66.62*	
08 14 16 00-0212	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	443.83	63.30
		For >25 To 50, Deduct	*-22.18*	
		For >50 To 100, Deduct	*-40.42*	
		For >100, Deduct	*-63.41*	
		For 9' Door Height, Add	*66.62*	
08 14 16 00-0213	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	461.47	66.18
		For >25 To 50, Deduct	*-23.09*	
		For >50 To 100, Deduct	*-42.03*	
		For >100, Deduct	*-65.91*	
		For 9' Door Height, Add	*69.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0214	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	466.15	66.18
		For >25 To 50, Deduct	*-23.28*	
		For >50 To 100, Deduct	*-42.44*	
		For >100, Deduct	*-66.61*	
		For 9' Door Height, Add	*70.10*	
08 14 16 00-0215	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	475.76	66.18
		For >25 To 50, Deduct	*-23.66*	
		For >50 To 100, Deduct	*-43.28*	
		For >100, Deduct	*-68.06*	
		For 9' Door Height, Add	*72.12*	
08 14 16 00-0216	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	491.19	69.05
		For >25 To 50, Deduct	*-24.48*	
		For >50 To 100, Deduct	*-44.71*	
		For >100, Deduct	*-70.23*	
		For 9' Door Height, Add	*74.15*	
08 14 16 00-0217	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	542.98	69.05
		For >25 To 50, Deduct	*-26.55*	
		For >50 To 100, Deduct	*-49.24*	
		For >100, Deduct	*-77.99*	
		For 9' Door Height, Add	*85.02*	
08 14 16 00-0218	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	628.40	71.93
		For >25 To 50, Deduct	*-30.17*	
		For >50 To 100, Deduct	*-56.78*	
		For >100, Deduct	*-90.66*	
		For 9' Door Height, Add	*101.75*	
08 14 16 00-0219	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	679.40	71.93
		For >25 To 50, Deduct	*-32.21*	
		For >50 To 100, Deduct	*-61.25*	
		For >100, Deduct	*-98.31*	
		For 9' Door Height, Add	*112.46*	
08 14 16 00-0220	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	730.42	71.93
		For >25 To 50, Deduct	*-34.25*	
		For >50 To 100, Deduct	*-65.71*	
		For >100, Deduct	*-105.97*	
		For 9' Door Height, Add	*123.18*	
08 14 16 00-0221		**Walnut Faced Wood Doors** *(08 14 16 00-0127)*		
08 14 16 00-0222	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	590.37	63.30
		For >25 To 50, Deduct	*-28.05*	
		For >50 To 100, Deduct	*-53.24*	
		For >100, Deduct	*-85.39*	
08 14 16 00-0223	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	590.37	63.30
		For >25 To 50, Deduct	*-28.05*	
		For >50 To 100, Deduct	*-53.24*	
		For >100, Deduct	*-85.39*	
08 14 16 00-0224	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	599.33	66.18
		For >25 To 50, Deduct	*-28.61*	
		For >50 To 100, Deduct	*-54.10*	
		For >100, Deduct	*-86.59*	
08 14 16 00-0225	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	619.90	66.18
		For >25 To 50, Deduct	*-29.43*	
		For >50 To 100, Deduct	*-55.90*	
		For >100, Deduct	*-89.68*	
08 14 16 00-0226	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	623.04	66.18
		For >25 To 50, Deduct	*-29.55*	
		For >50 To 100, Deduct	*-56.17*	
		For >100, Deduct	*-90.15*	
08 14 16 00-0227	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	631.94	69.05
		For >25 To 50, Deduct	*-30.11*	
		For >50 To 100, Deduct	*-57.02*	
		For >100, Deduct	*-91.34*	
08 14 16 00-0228	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	687.06	69.05
		For >25 To 50, Deduct	*-32.32*	
		For >50 To 100, Deduct	*-61.84*	
		For >100, Deduct	*-99.61*	
08 14 16 00-0229	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	835.10	71.93
		For >25 To 50, Deduct	*-38.44*	
		For >50 To 100, Deduct	*-74.87*	
		For >100, Deduct	*-121.67*	
08 14 16 00-0230	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	869.66	71.93
		For >25 To 50, Deduct	*-39.82*	
		For >50 To 100, Deduct	*-77.89*	
		For >100, Deduct	*-126.85*	
08 14 16 00-0231	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	938.85	71.93
		For >25 To 50, Deduct	*-42.59*	
		For >50 To 100, Deduct	*-83.95*	
		For >100, Deduct	*-137.23*	
08 14 16 00-0232	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	617.34	63.30
		For >25 To 50, Deduct	*-29.12*	
		For >50 To 100, Deduct	*-55.60*	
		For >100, Deduct	*-89.44*	
08 14 16 00-0233	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	617.34	63.30
		For >25 To 50, Deduct	*-29.12*	
		For >50 To 100, Deduct	*-55.60*	
		For >100, Deduct	*-89.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0234	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	626.53	66.18
		For >25 To 50, Deduct	*-29.69*	
		For >50 To 100, Deduct	*-56.48*	
		For >100, Deduct	*-90.67*	
08 14 16 00-0235	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	648.26	66.18
		For >25 To 50, Deduct	*-30.56*	
		For >50 To 100, Deduct	*-58.38*	
		For >100, Deduct	*-93.93*	
08 14 16 00-0236	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	651.61	66.18
		For >25 To 50, Deduct	*-30.70*	
		For >50 To 100, Deduct	*-58.67*	
		For >100, Deduct	*-94.43*	
08 14 16 00-0237	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	660.69	69.05
		For >25 To 50, Deduct	*-31.26*	
		For >50 To 100, Deduct	*-59.54*	
		For >100, Deduct	*-95.65*	
08 14 16 00-0238	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	718.99	69.05
		For >25 To 50, Deduct	*-33.59*	
		For >50 To 100, Deduct	*-64.64*	
		For >100, Deduct	*-104.40*	
08 14 16 00-0239	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	875.34	71.93
		For >25 To 50, Deduct	*-40.05*	
		For >50 To 100, Deduct	*-78.39*	
		For >100, Deduct	*-127.70*	
08 14 16 00-0240	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	911.91	71.93
		For >25 To 50, Deduct	*-41.51*	
		For >50 To 100, Deduct	*-81.59*	
		For >100, Deduct	*-133.19*	
08 14 16 00-0241	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	985.10	71.93
		For >25 To 50, Deduct	*-44.44*	
		For >50 To 100, Deduct	*-87.99*	
		For >100, Deduct	*-144.17*	
08 14 16 00-0242	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	713.04	63.30
		For >25 To 50, Deduct	*-32.95*	
		For >50 To 100, Deduct	*-63.97*	
		For >100, Deduct	*-103.79*	
		For 9' Door Height, Add	*123.15*	
08 14 16 00-0243	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	713.04	63.30
		For >25 To 50, Deduct	*-32.95*	
		For >50 To 100, Deduct	*-63.97*	
		For >100, Deduct	*-103.79*	
		For 9' Door Height, Add	*123.15*	
08 14 16 00-0244	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	722.91	66.18
		For >25 To 50, Deduct	*-33.55*	
		For >50 To 100, Deduct	*-64.91*	
		For >100, Deduct	*-105.13*	
		For 9' Door Height, Add	*124.02*	
08 14 16 00-0245	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	748.86	66.18
		For >25 To 50, Deduct	*-34.59*	
		For >50 To 100, Deduct	*-67.18*	
		For >100, Deduct	*-109.02*	
		For 9' Door Height, Add	*129.47*	
08 14 16 00-0246	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	752.86	66.18
		For >25 To 50, Deduct	*-34.75*	
		For >50 To 100, Deduct	*-67.53*	
		For >100, Deduct	*-109.62*	
		For 9' Door Height, Add	*130.31*	
08 14 16 00-0247	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	762.58	69.05
		For >25 To 50, Deduct	*-35.34*	
		For >50 To 100, Deduct	*-68.45*	
		For >100, Deduct	*-110.93*	
		For 9' Door Height, Add	*131.14*	
08 14 16 00-0248	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	832.28	69.05
		For >25 To 50, Deduct	*-38.13*	
		For >50 To 100, Deduct	*-74.55*	
		For >100, Deduct	*-121.39*	
		For 9' Door Height, Add	*145.78*	
08 14 16 00-0249	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	1,017.97	71.93
		For >25 To 50, Deduct	*-45.75*	
		For >50 To 100, Deduct	*-90.87*	
		For >100, Deduct	*-149.10*	
		For 9' Door Height, Add	*183.56*	
08 14 16 00-0250	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	1,061.69	71.93
		For >25 To 50, Deduct	*-47.50*	
		For >50 To 100, Deduct	*-94.70*	
		For >100, Deduct	*-155.66*	
		For 9' Door Height, Add	*192.74*	
08 14 16 00-0251	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	1,149.12	71.93
		For >25 To 50, Deduct	*-51.00*	
		For >50 To 100, Deduct	*-102.35*	
		For >100, Deduct	*-168.77*	
		For 9' Door Height, Add	*211.10*	

08 14 16 00-0252 Lauan Faced Wood Doors *(08 14 16 00-0127)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0253	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	242.70	63.30
		For >25 To 50, Deduct	*-14.14*	
		For >50 To 100, Deduct	*-22.82*	
		For >100, Deduct	*-33.24*	
08 14 16 00-0254	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	242.70	63.30
		For >25 To 50, Deduct	*-14.14*	
		For >50 To 100, Deduct	*-22.82*	
		For >100, Deduct	*-33.24*	
08 14 16 00-0255	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	256.42	66.18
		For >25 To 50, Deduct	*-14.89*	
		For >50 To 100, Deduct	*-24.09*	
		For >100, Deduct	*-35.15*	
08 14 16 00-0256	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	262.91	66.18
		For >25 To 50, Deduct	*-15.15*	
		For >50 To 100, Deduct	*-24.66*	
		For >100, Deduct	*-36.13*	
08 14 16 00-0257	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	264.20	66.18
		For >25 To 50, Deduct	*-15.20*	
		For >50 To 100, Deduct	*-24.77*	
		For >100, Deduct	*-36.32*	
08 14 16 00-0258	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	271.25	69.05
		For >25 To 50, Deduct	*-15.68*	
		For >50 To 100, Deduct	*-25.46*	
		For >100, Deduct	*-37.23*	
08 14 16 00-0259	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	285.88	69.05
		For >25 To 50, Deduct	*-16.27*	
		For >50 To 100, Deduct	*-26.74*	
		For >100, Deduct	*-39.43*	
08 14 16 00-0260	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	310.50	71.93
		For >25 To 50, Deduct	*-17.46*	
		For >50 To 100, Deduct	*-28.97*	
		For >100, Deduct	*-42.98*	
08 14 16 00-0261	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	318.81	71.93
		For >25 To 50, Deduct	*-17.79*	
		For >50 To 100, Deduct	*-29.69*	
		For >100, Deduct	*-44.23*	
08 14 16 00-0262	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	335.49	71.93
		For >25 To 50, Deduct	*-18.45*	
		For >50 To 100, Deduct	*-31.15*	
		For >100, Deduct	*-46.73*	
08 14 16 00-0263	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	249.44	63.30
		For >25 To 50, Deduct	*-14.41*	
		For >50 To 100, Deduct	*-23.41*	
		For >100, Deduct	*-34.25*	
08 14 16 00-0264	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	249.44	63.30
		For >25 To 50, Deduct	*-14.41*	
		For >50 To 100, Deduct	*-23.41*	
		For >100, Deduct	*-34.25*	
08 14 16 00-0265	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	263.65	66.18
		For >25 To 50, Deduct	*-15.18*	
		For >50 To 100, Deduct	*-24.72*	
		For >100, Deduct	*-36.24*	
08 14 16 00-0266	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	270.52	66.18
		For >25 To 50, Deduct	*-15.45*	
		For >50 To 100, Deduct	*-25.32*	
		For >100, Deduct	*-37.27*	
08 14 16 00-0267	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	271.88	66.18
		For >25 To 50, Deduct	*-15.51*	
		For >50 To 100, Deduct	*-25.44*	
		For >100, Deduct	*-37.47*	
08 14 16 00-0268	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	278.99	69.05
		For >25 To 50, Deduct	*-15.99*	
		For >50 To 100, Deduct	*-26.14*	
		For >100, Deduct	*-38.40*	
08 14 16 00-0269	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	294.49	69.05
		For >25 To 50, Deduct	*-16.61*	
		For >50 To 100, Deduct	*-27.49*	
		For >100, Deduct	*-40.72*	
08 14 16 00-0270	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	320.19	71.93
		For >25 To 50, Deduct	*-17.84*	
		For >50 To 100, Deduct	*-29.81*	
		For >100, Deduct	*-44.43*	
08 14 16 00-0271	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	328.99	71.93
		For >25 To 50, Deduct	*-18.19*	
		For >50 To 100, Deduct	*-30.58*	
		For >100, Deduct	*-45.75*	
08 14 16 00-0272	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	346.63	71.93
		For >25 To 50, Deduct	*-18.90*	
		For >50 To 100, Deduct	*-32.13*	
		For >100, Deduct	*-48.40*	
08 14 16 00-0273	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	273.39	63.30
		For >25 To 50, Deduct	*-15.37*	
		For >50 To 100, Deduct	*-25.50*	
		For >100, Deduct	*-37.84*	
		For 9' Door Height, Add	*30.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0274	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	273.39	63.30
		For >25 To 50, Deduct	*-15.37*	
		For >50 To 100, Deduct	*-25.50*	
		For >100, Deduct	*-37.84*	
		For 9' Door Height, Add	*30.82*	
08 14 16 00-0275	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	289.24	66.18
		For >25 To 50, Deduct	*-16.20*	
		For >50 To 100, Deduct	*-26.96*	
		For >100, Deduct	*-40.08*	
		For 9' Door Height, Add	*32.95*	
08 14 16 00-0276	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	297.45	66.18
		For >25 To 50, Deduct	*-16.53*	
		For >50 To 100, Deduct	*-27.68*	
		For >100, Deduct	*-41.31*	
		For 9' Door Height, Add	*34.67*	
08 14 16 00-0277	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	299.09	66.18
		For >25 To 50, Deduct	*-16.60*	
		For >50 To 100, Deduct	*-27.82*	
		For >100, Deduct	*-41.55*	
		For 9' Door Height, Add	*35.02*	
08 14 16 00-0278	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	306.47	69.05
		For >25 To 50, Deduct	*-17.09*	
		For >50 To 100, Deduct	*-28.54*	
		For >100, Deduct	*-42.52*	
		For 9' Door Height, Add	*35.36*	
08 14 16 00-0279	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	324.99	69.05
		For >25 To 50, Deduct	*-17.83*	
		For >50 To 100, Deduct	*-30.16*	
		For >100, Deduct	*-45.30*	
		For 9' Door Height, Add	*39.24*	
08 14 16 00-0280	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	354.56	71.93
		For >25 To 50, Deduct	*-19.22*	
		For >50 To 100, Deduct	*-32.82*	
		For >100, Deduct	*-49.59*	
		For 9' Door Height, Add	*44.25*	
08 14 16 00-0281	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	365.10	71.93
		For >25 To 50, Deduct	*-19.64*	
		For >50 To 100, Deduct	*-33.74*	
		For >100, Deduct	*-51.17*	
		For 9' Door Height, Add	*46.46*	
08 14 16 00-0282	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	386.17	71.93
		For >25 To 50, Deduct	*-20.48*	
		For >50 To 100, Deduct	*-35.59*	
		For >100, Deduct	*-54.33*	
		For 9' Door Height, Add	*50.89*	

08 14 16 00-0283 Medium Density Overlay (MDO) Faced Wood Doors *(08 14 16 00-0127)*

08 14 16 00-0284	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	271.37	63.30
		For >25 To 50, Deduct	*-15.29*	
		For >50 To 100, Deduct	*-25.33*	
		For >100, Deduct	*-37.54*	
08 14 16 00-0285	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	271.41	63.30
		For >25 To 50, Deduct	*-15.29*	
		For >50 To 100, Deduct	*-25.33*	
		For >100, Deduct	*-37.55*	
08 14 16 00-0286	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	281.15	66.18
		For >25 To 50, Deduct	*-15.88*	
		For >50 To 100, Deduct	*-26.26*	
		For >100, Deduct	*-38.86*	
08 14 16 00-0287	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	289.22	66.18
		For >25 To 50, Deduct	*-16.20*	
		For >50 To 100, Deduct	*-26.96*	
		For >100, Deduct	*-40.07*	
08 14 16 00-0288	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	293.25	66.18
		For >25 To 50, Deduct	*-16.36*	
		For >50 To 100, Deduct	*-27.31*	
		For >100, Deduct	*-40.68*	
08 14 16 00-0289	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	302.99	69.05
		For >25 To 50, Deduct	*-16.95*	
		For >50 To 100, Deduct	*-28.24*	
		For >100, Deduct	*-42.00*	
08 14 16 00-0290	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	312.18	69.05
		For >25 To 50, Deduct	*-17.32*	
		For >50 To 100, Deduct	*-29.04*	
		For >100, Deduct	*-43.37*	
08 14 16 00-0291	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	347.84	71.93
		For >25 To 50, Deduct	*-18.95*	
		For >50 To 100, Deduct	*-32.23*	
		For >100, Deduct	*-48.58*	
08 14 16 00-0292	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	358.03	71.93
		For >25 To 50, Deduct	*-19.36*	
		For >50 To 100, Deduct	*-33.13*	
		For >100, Deduct	*-50.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0293	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	378.46	71.93
		For >25 To 50, Deduct	*-20.17*	
		For >50 To 100, Deduct	*-34.91*	
		For >100, Deduct	*-53.17*	
08 14 16 00-0294	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	279.81	63.30
		For >25 To 50, Deduct	*-15.62*	
		For >50 To 100, Deduct	*-26.07*	
		For >100, Deduct	*-38.81*	
08 14 16 00-0295	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	279.82	63.30
		For >25 To 50, Deduct	*-15.62*	
		For >50 To 100, Deduct	*-26.07*	
		For >100, Deduct	*-38.81*	
08 14 16 00-0296	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	289.80	66.18
		For >25 To 50, Deduct	*-16.22*	
		For >50 To 100, Deduct	*-27.01*	
		For >100, Deduct	*-40.16*	
08 14 16 00-0297	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	298.34	66.18
		For >25 To 50, Deduct	*-16.57*	
		For >50 To 100, Deduct	*-27.76*	
		For >100, Deduct	*-41.44*	
08 14 16 00-0298	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	302.61	66.18
		For >25 To 50, Deduct	*-16.74*	
		For >50 To 100, Deduct	*-28.13*	
		For >100, Deduct	*-42.08*	
08 14 16 00-0299	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	312.59	69.05
		For >25 To 50, Deduct	*-17.34*	
		For >50 To 100, Deduct	*-29.08*	
		For >100, Deduct	*-43.44*	
08 14 16 00-0300	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	322.32	69.05
		For >25 To 50, Deduct	*-17.73*	
		For >50 To 100, Deduct	*-29.93*	
		For >100, Deduct	*-44.90*	
08 14 16 00-0301	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	359.72	71.93
		For >25 To 50, Deduct	*-19.42*	
		For >50 To 100, Deduct	*-33.27*	
		For >100, Deduct	*-50.36*	
08 14 16 00-0302	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	370.51	71.93
		For >25 To 50, Deduct	*-19.86*	
		For >50 To 100, Deduct	*-34.22*	
		For >100, Deduct	*-51.98*	
08 14 16 00-0303	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	392.10	71.93
		For >25 To 50, Deduct	*-20.72*	
		For >50 To 100, Deduct	*-36.11*	
		For >100, Deduct	*-55.22*	
08 14 16 00-0304	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	309.69	63.30
		For >25 To 50, Deduct	*-16.82*	
		For >50 To 100, Deduct	*-28.68*	
		For >100, Deduct	*-43.29*	
		For 9' Door Height, Add	*38.45*	
08 14 16 00-0305	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	309.69	63.30
		For >25 To 50, Deduct	*-16.82*	
		For >50 To 100, Deduct	*-28.68*	
		For >100, Deduct	*-43.29*	
		For 9' Door Height, Add	*38.45*	
08 14 16 00-0306	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	320.50	66.18
		For >25 To 50, Deduct	*-17.45*	
		For >50 To 100, Deduct	*-29.70*	
		For >100, Deduct	*-44.77*	
		For 9' Door Height, Add	*39.51*	
08 14 16 00-0307	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	330.70	66.18
		For >25 To 50, Deduct	*-17.86*	
		For >50 To 100, Deduct	*-30.59*	
		For >100, Deduct	*-46.30*	
		For 9' Door Height, Add	*41.65*	
08 14 16 00-0308	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	335.80	66.18
		For >25 To 50, Deduct	*-18.06*	
		For >50 To 100, Deduct	*-31.04*	
		For >100, Deduct	*-47.06*	
		For 9' Door Height, Add	*42.72*	
08 14 16 00-0309	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	346.62	69.05
		For >25 To 50, Deduct	*-18.70*	
		For >50 To 100, Deduct	*-32.06*	
		For >100, Deduct	*-48.54*	
		For 9' Door Height, Add	*43.79*	
08 14 16 00-0310	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	358.26	69.05
		For >25 To 50, Deduct	*-19.16*	
		For >50 To 100, Deduct	*-33.07*	
		For >100, Deduct	*-50.29*	
		For 9' Door Height, Add	*46.23*	
08 14 16 00-0311	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	401.83	71.93
		For >25 To 50, Deduct	*-21.11*	
		For >50 To 100, Deduct	*-36.96*	
		For >100, Deduct	*-56.68*	
		For 9' Door Height, Add	*54.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0312	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	414.71	71.93
		For >25 To 50, Deduct	*-21.62*	
		For >50 To 100, Deduct	*-38.09*	
		For >100, Deduct	*-58.61*	
		For 9' Door Height, Add	*56.88*	
08 14 16 00-0313	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	440.52	71.93
		For >25 To 50, Deduct	*-22.66*	
		For >50 To 100, Deduct	*-40.34*	
		For >100, Deduct	*-62.48*	
		For 9' Door Height, Add	*62.30*	

08 14 16 00-0314 1-3/8" Thick, Particleboard Core (PC), Wood Doors *(08 14 16)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 16 00-0315 Birch Faced Wood Doors *(08 14 16 00-0314)*

08 14 16 00-0316	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	294.57	63.30
		For 7 Ply Cold Press Construction, Deduct	*-3.36*	
		For Stave Lumber Core (SLC), Add	*125.97*	
		For Structural Composite Lumber Core (SCLC), Add	*75.58*	
		For >25 To 50, Deduct	*-16.21*	
		For >50 To 100, Deduct	*-27.36*	
		For >100, Deduct	*-41.02*	
08 14 16 00-0317	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	294.60	63.30
		For 7 Ply Cold Press Construction, Deduct	*-3.36*	
		For Stave Lumber Core (SLC), Add	*125.99*	
		For Structural Composite Lumber Core (SCLC), Add	*75.60*	
		For >25 To 50, Deduct	*-16.22*	
		For >50 To 100, Deduct	*-27.36*	
		For >100, Deduct	*-41.02*	
08 14 16 00-0318	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	309.15	66.18
		For 7 Ply Cold Press Construction, Deduct	*-3.54*	
		For Stave Lumber Core (SLC), Add	*132.60*	
		For Structural Composite Lumber Core (SCLC), Add	*79.56*	
		For >25 To 50, Deduct	*-17.00*	
		For >50 To 100, Deduct	*-28.71*	
		For >100, Deduct	*-43.06*	
08 14 16 00-0319	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	317.96	66.18
		For 7 Ply Cold Press Construction, Deduct	*-3.71*	
		For Stave Lumber Core (SLC), Add	*139.21*	
		For Structural Composite Lumber Core (SCLC), Add	*83.52*	
		For >25 To 50, Deduct	*-17.35*	
		For >50 To 100, Deduct	*-29.48*	
		For >100, Deduct	*-44.39*	
08 14 16 00-0320	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	323.33	66.18
		For 7 Ply Cold Press Construction, Deduct	*-3.82*	
		For Stave Lumber Core (SLC), Add	*143.24*	
		For Structural Composite Lumber Core (SCLC), Add	*85.94*	
		For >25 To 50, Deduct	*-17.57*	
		For >50 To 100, Deduct	*-29.95*	
		For >100, Deduct	*-45.19*	
08 14 16 00-0321	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	334.49	69.05
		For 7 Ply Cold Press Construction, Deduct	*-3.93*	
		For Stave Lumber Core (SLC), Add	*147.29*	
		For Structural Composite Lumber Core (SCLC), Add	*88.37*	
		For >25 To 50, Deduct	*-18.21*	
		For >50 To 100, Deduct	*-30.99*	
		For >100, Deduct	*-46.72*	
08 14 16 00-0322	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	356.03	69.05
		For 7 Ply Cold Press Construction, Deduct	*-4.36*	
		For Stave Lumber Core (SLC), Add	*163.44*	
		For Structural Composite Lumber Core (SCLC), Add	*98.06*	
		For >25 To 50, Deduct	*-19.08*	
		For >50 To 100, Deduct	*-32.88*	
		For >100, Deduct	*-49.95*	
08 14 16 00-0323	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	375.72	71.93
		For 7 Ply Cold Press Construction, Deduct	*-4.64*	
		For Stave Lumber Core (SLC), Add	*173.90*	
		For Structural Composite Lumber Core (SCLC), Add	*104.34*	
		For >25 To 50, Deduct	*-20.06*	
		For >50 To 100, Deduct	*-34.67*	
		For >100, Deduct	*-52.76*	
08 14 16 00-0324	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	304.35	63.30
		For 7 Ply Cold Press Construction, Deduct	*-3.55*	
		For Stave Lumber Core (SLC), Add	*133.31*	
		For Structural Composite Lumber Core (SCLC), Add	*79.98*	
		For >25 To 50, Deduct	*-16.61*	
		For >50 To 100, Deduct	*-28.21*	
		For >100, Deduct	*-42.49*	
08 14 16 00-0325	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	304.36	63.30
		For 7 Ply Cold Press Construction, Deduct	*-3.56*	
		For Stave Lumber Core (SLC), Add	*133.31*	
		For Structural Composite Lumber Core (SCLC), Add	*79.99*	
		For >25 To 50, Deduct	*-16.61*	
		For >50 To 100, Deduct	*-28.21*	
		For >100, Deduct	*-42.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0326	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	319.44	66.18
		For 7 Ply Cold Press Construction, Deduct	*-3.74*	
		For Stave Lumber Core (SLC), Add	*140.32*	
		For Structural Composite Lumber Core (SCLC), Add	*84.19*	
		For >25 To 50, Deduct	*-17.41*	
		For >50 To 100, Deduct	*-29.61*	
		For >100, Deduct	*-44.61*	
08 14 16 00-0327	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	328.77	66.18
		For 7 Ply Cold Press Construction, Deduct	*-3.93*	
		For Stave Lumber Core (SLC), Add	*147.32*	
		For Structural Composite Lumber Core (SCLC), Add	*88.39*	
		For >25 To 50, Deduct	*-17.78*	
		For >50 To 100, Deduct	*-30.42*	
		For >100, Deduct	*-46.01*	
08 14 16 00-0328	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	334.46	66.18
		For 7 Ply Cold Press Construction, Deduct	*-4.04*	
		For Stave Lumber Core (SLC), Add	*151.58*	
		For Structural Composite Lumber Core (SCLC), Add	*90.95*	
		For >25 To 50, Deduct	*-18.01*	
		For >50 To 100, Deduct	*-30.92*	
		For >100, Deduct	*-46.86*	
08 14 16 00-0329	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	345.91	69.05
		For 7 Ply Cold Press Construction, Deduct	*-4.16*	
		For Stave Lumber Core (SLC), Add	*155.85*	
		For Structural Composite Lumber Core (SCLC), Add	*93.51*	
		For >25 To 50, Deduct	*-18.67*	
		For >50 To 100, Deduct	*-31.99*	
		For >100, Deduct	*-48.43*	
08 14 16 00-0330	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	368.72	69.05
		For 7 Ply Cold Press Construction, Deduct	*-4.61*	
		For Stave Lumber Core (SLC), Add	*172.96*	
		For Structural Composite Lumber Core (SCLC), Add	*103.77*	
		For >25 To 50, Deduct	*-19.58*	
		For >50 To 100, Deduct	*-33.99*	
		For >100, Deduct	*-51.86*	
08 14 16 00-0331	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	389.21	71.93
		For 7 Ply Cold Press Construction, Deduct	*-4.91*	
		For Stave Lumber Core (SLC), Add	*184.01*	
		For Structural Composite Lumber Core (SCLC), Add	*110.41*	
		For >25 To 50, Deduct	*-20.60*	
		For >50 To 100, Deduct	*-35.85*	
		For >100, Deduct	*-54.79*	
08 14 16 00-0332	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	339.02	63.30
		For 7 Ply Cold Press Construction, Deduct	*-4.25*	
		For Stave Lumber Core (SLC), Add	*159.31*	
		For Structural Composite Lumber Core (SCLC), Add	*95.58*	
		For >25 To 50, Deduct	*-17.99*	
		For >50 To 100, Deduct	*-31.25*	
		For >100, Deduct	*-47.69*	
		For 9' Door Height, Add	*44.61*	
08 14 16 00-0333	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	339.02	63.30
		For 7 Ply Cold Press Construction, Deduct	*-4.25*	
		For Stave Lumber Core (SLC), Add	*159.31*	
		For Structural Composite Lumber Core (SCLC), Add	*95.58*	
		For >25 To 50, Deduct	*-17.99*	
		For >50 To 100, Deduct	*-31.25*	
		For >100, Deduct	*-47.69*	
		For 9' Door Height, Add	*44.61*	
08 14 16 00-0334	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	355.92	66.18
		For 7 Ply Cold Press Construction, Deduct	*-4.47*	
		For Stave Lumber Core (SLC), Add	*167.68*	
		For Structural Composite Lumber Core (SCLC), Add	*100.61*	
		For >25 To 50, Deduct	*-18.87*	
		For >50 To 100, Deduct	*-32.80*	
		For >100, Deduct	*-50.08*	
		For 9' Door Height, Add	*46.95*	
08 14 16 00-0335	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	367.07	66.18
		For 7 Ply Cold Press Construction, Deduct	*-4.69*	
		For Stave Lumber Core (SLC), Add	*176.04*	
		For Structural Composite Lumber Core (SCLC), Add	*105.62*	
		For >25 To 50, Deduct	*-19.32*	
		For >50 To 100, Deduct	*-33.77*	
		For >100, Deduct	*-51.75*	
		For 9' Door Height, Add	*49.29*	
08 14 16 00-0336	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	373.86	66.18
		For 7 Ply Cold Press Construction, Deduct	*-4.83*	
		For Stave Lumber Core (SLC), Add	*181.13*	
		For Structural Composite Lumber Core (SCLC), Add	*108.68*	
		For >25 To 50, Deduct	*-19.59*	
		For >50 To 100, Deduct	*-34.37*	
		For >100, Deduct	*-52.77*	
		For 9' Door Height, Add	*50.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0337	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	386.44	69.05
		For 7 Ply Cold Press Construction, Deduct	*-4.97*	
		For Stave Lumber Core (SLC), Add	*186.25*	
		For Structural Composite Lumber Core (SCLC), Add	*111.75*	
		For >25 To 50, Deduct	*-20.29*	
		For >50 To 100, Deduct	*-35.54*	
		For >100, Deduct	*-54.51*	
		For 9' Door Height, Add	*52.15*	
08 14 16 00-0338	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	413.68	69.05
		For 7 Ply Cold Press Construction, Deduct	*-5.51*	
		For Stave Lumber Core (SLC), Add	*206.68*	
		For Structural Composite Lumber Core (SCLC), Add	*124.01*	
		For >25 To 50, Deduct	*-21.38*	
		For >50 To 100, Deduct	*-37.92*	
		For >100, Deduct	*-58.60*	
		For 9' Door Height, Add	*57.87*	
08 14 16 00-0339	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	437.05	71.93
		For 7 Ply Cold Press Construction, Deduct	*-5.86*	
		For Stave Lumber Core (SLC), Add	*219.89*	
		For Structural Composite Lumber Core (SCLC), Add	*131.94*	
		For >25 To 50, Deduct	*-22.52*	
		For >50 To 100, Deduct	*-40.04*	
		For >100, Deduct	*-61.96*	
		For 9' Door Height, Add	*61.57*	

08 14 16 00-0340 Oak Faced Wood Doors *(08 14 16 00-0314)*

08 14 16 00-0341	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	421.07	63.30
		For 7 Ply Cold Press Construction, Deduct	*-5.89*	
		For Stave Lumber Core (SLC), Add	*220.85*	
		For Structural Composite Lumber Core (SCLC), Add	*132.51*	
		For >25 To 50, Deduct	*-21.27*	
		For >50 To 100, Deduct	*-38.43*	
		For >100, Deduct	*-60.00*	
08 14 16 00-0342	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	421.07	63.30
		For 7 Ply Cold Press Construction, Deduct	*-5.89*	
		For Stave Lumber Core (SLC), Add	*220.85*	
		For Structural Composite Lumber Core (SCLC), Add	*132.51*	
		For >25 To 50, Deduct	*-21.27*	
		For >50 To 100, Deduct	*-38.43*	
		For >100, Deduct	*-60.00*	
08 14 16 00-0343	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	442.31	66.18
		For 7 Ply Cold Press Construction, Deduct	*-6.20*	
		For Stave Lumber Core (SLC), Add	*232.47*	
		For Structural Composite Lumber Core (SCLC), Add	*139.48*	
		For >25 To 50, Deduct	*-22.32*	
		For >50 To 100, Deduct	*-40.36*	
		For >100, Deduct	*-63.04*	
08 14 16 00-0344	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	457.77	66.18
		For 7 Ply Cold Press Construction, Deduct	*-6.51*	
		For Stave Lumber Core (SLC), Add	*244.07*	
		For Structural Composite Lumber Core (SCLC), Add	*146.44*	
		For >25 To 50, Deduct	*-22.94*	
		For >50 To 100, Deduct	*-41.71*	
		For >100, Deduct	*-65.36*	
08 14 16 00-0345	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	467.18	66.18
		For 7 Ply Cold Press Construction, Deduct	*-6.70*	
		For Stave Lumber Core (SLC), Add	*251.12*	
		For Structural Composite Lumber Core (SCLC), Add	*150.67*	
		For >25 To 50, Deduct	*-23.32*	
		For >50 To 100, Deduct	*-42.53*	
		For >100, Deduct	*-66.77*	
08 14 16 00-0346	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	482.40	69.05
		For 7 Ply Cold Press Construction, Deduct	*-6.89*	
		For Stave Lumber Core (SLC), Add	*258.22*	
		For Structural Composite Lumber Core (SCLC), Add	*154.93*	
		For >25 To 50, Deduct	*-24.13*	
		For >50 To 100, Deduct	*-43.94*	
		For >100, Deduct	*-68.91*	
08 14 16 00-0347	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	520.17	69.05
		For 7 Ply Cold Press Construction, Deduct	*-7.64*	
		For Stave Lumber Core (SLC), Add	*286.55*	
		For Structural Composite Lumber Core (SCLC), Add	*171.93*	
		For >25 To 50, Deduct	*-25.64*	
		For >50 To 100, Deduct	*-47.24*	
		For >100, Deduct	*-74.57*	
08 14 16 00-0348	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	550.33	71.93
		For 7 Ply Cold Press Construction, Deduct	*-8.13*	
		For Stave Lumber Core (SLC), Add	*304.85*	
		For Structural Composite Lumber Core (SCLC), Add	*182.91*	
		For >25 To 50, Deduct	*-27.05*	
		For >50 To 100, Deduct	*-49.95*	
		For >100, Deduct	*-78.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0349	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	438.20	63.30
		For 7 Ply Cold Press Construction, Deduct	*-6.23*	
		For Stave Lumber Core (SLC), Add	*233.69*	
		For Structural Composite Lumber Core (SCLC), Add	*140.22*	
		For >25 To 50, Deduct	*-21.96*	
		For >50 To 100, Deduct	*-39.93*	
		For >100, Deduct	*-62.56*	
08 14 16 00-0350	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	438.20	63.30
		For 7 Ply Cold Press Construction, Deduct	*-6.23*	
		For Stave Lumber Core (SLC), Add	*233.69*	
		For Structural Composite Lumber Core (SCLC), Add	*140.22*	
		For >25 To 50, Deduct	*-21.96*	
		For >50 To 100, Deduct	*-39.93*	
		For >100, Deduct	*-62.56*	
08 14 16 00-0351	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	460.37	66.18
		For 7 Ply Cold Press Construction, Deduct	*-6.56*	
		For Stave Lumber Core (SLC), Add	*246.02*	
		For Structural Composite Lumber Core (SCLC), Add	*147.61*	
		For >25 To 50, Deduct	*-23.05*	
		For >50 To 100, Deduct	*-41.94*	
		For >100, Deduct	*-65.75*	
08 14 16 00-0352	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	476.72	66.18
		For 7 Ply Cold Press Construction, Deduct	*-6.89*	
		For Stave Lumber Core (SLC), Add	*258.28*	
		For Structural Composite Lumber Core (SCLC), Add	*154.97*	
		For >25 To 50, Deduct	*-23.70*	
		For >50 To 100, Deduct	*-43.37*	
		For >100, Deduct	*-68.20*	
08 14 16 00-0353	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	486.67	66.18
		For 7 Ply Cold Press Construction, Deduct	*-7.09*	
		For Stave Lumber Core (SLC), Add	*265.74*	
		For Structural Composite Lumber Core (SCLC), Add	*159.44*	
		For >25 To 50, Deduct	*-24.10*	
		For >50 To 100, Deduct	*-44.24*	
		For >100, Deduct	*-69.69*	
08 14 16 00-0354	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	502.43	69.05
		For 7 Ply Cold Press Construction, Deduct	*-7.29*	
		For Stave Lumber Core (SLC), Add	*273.24*	
		For Structural Composite Lumber Core (SCLC), Add	*163.94*	
		For >25 To 50, Deduct	*-24.93*	
		For >50 To 100, Deduct	*-45.69*	
		For >100, Deduct	*-71.91*	
08 14 16 00-0355	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	542.41	69.05
		For 7 Ply Cold Press Construction, Deduct	*-8.09*	
		For Stave Lumber Core (SLC), Add	*303.23*	
		For Structural Composite Lumber Core (SCLC), Add	*181.94*	
		For >25 To 50, Deduct	*-26.53*	
		For >50 To 100, Deduct	*-49.19*	
		For >100, Deduct	*-77.91*	
08 14 16 00-0356	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	574.01	71.93
		For 7 Ply Cold Press Construction, Deduct	*-8.60*	
		For Stave Lumber Core (SLC), Add	*322.61*	
		For Structural Composite Lumber Core (SCLC), Add	*193.57*	
		For >25 To 50, Deduct	*-28.00*	
		For >50 To 100, Deduct	*-52.02*	
		For >100, Deduct	*-82.51*	
08 14 16 00-0357	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	498.95	63.30
		For 7 Ply Cold Press Construction, Deduct	*-7.45*	
		For Stave Lumber Core (SLC), Add	*279.26*	
		For Structural Composite Lumber Core (SCLC), Add	*167.55*	
		For >25 To 50, Deduct	*-24.39*	
		For >50 To 100, Deduct	*-45.24*	
		For >100, Deduct	*-71.68*	
		For 9' Door Height, Add	*78.19*	
08 14 16 00-0358	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	498.95	63.30
		For 7 Ply Cold Press Construction, Deduct	*-7.45*	
		For Stave Lumber Core (SLC), Add	*279.26*	
		For Structural Composite Lumber Core (SCLC), Add	*167.55*	
		For >25 To 50, Deduct	*-24.39*	
		For >50 To 100, Deduct	*-45.24*	
		For >100, Deduct	*-71.68*	
		For 9' Door Height, Add	*78.19*	
08 14 16 00-0359	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	524.33	66.18
		For 7 Ply Cold Press Construction, Deduct	*-7.84*	
		For Stave Lumber Core (SLC), Add	*293.99*	
		For Structural Composite Lumber Core (SCLC), Add	*176.39*	
		For >25 To 50, Deduct	*-25.61*	
		For >50 To 100, Deduct	*-47.53*	
		For >100, Deduct	*-75.34*	
		For 9' Door Height, Add	*82.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0360	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	543.86	66.18
		For 7 Ply Cold Press Construction, Deduct	*-8.23*	
		For Stave Lumber Core (SLC), Add	*308.63*	
		For Structural Composite Lumber Core (SCLC), Add	*185.18*	
		For >25 To 50, Deduct	*-26.39*	
		For >50 To 100, Deduct	*-49.24*	
		For >100, Deduct	*-78.27*	
		For 9' Door Height, Add	*86.42*	
08 14 16 00-0361	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	555.76	66.18
		For 7 Ply Cold Press Construction, Deduct	*-8.47*	
		For Stave Lumber Core (SLC), Add	*317.56*	
		For Structural Composite Lumber Core (SCLC), Add	*190.53*	
		For >25 To 50, Deduct	*-26.86*	
		For >50 To 100, Deduct	*-50.28*	
		For >100, Deduct	*-80.06*	
		For 9' Door Height, Add	*88.92*	
08 14 16 00-0362	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	573.49	69.05
		For 7 Ply Cold Press Construction, Deduct	*-8.71*	
		For Stave Lumber Core (SLC), Add	*326.54*	
		For Structural Composite Lumber Core (SCLC), Add	*195.92*	
		For >25 To 50, Deduct	*-27.77*	
		For >50 To 100, Deduct	*-51.91*	
		For >100, Deduct	*-82.57*	
		For 9' Door Height, Add	*91.43*	
08 14 16 00-0363	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	621.26	69.05
		For 7 Ply Cold Press Construction, Deduct	*-9.66*	
		For Stave Lumber Core (SLC), Add	*362.36*	
		For Structural Composite Lumber Core (SCLC), Add	*217.42*	
		For >25 To 50, Deduct	*-29.68*	
		For >50 To 100, Deduct	*-56.09*	
		For >100, Deduct	*-89.74*	
		For 9' Door Height, Add	*101.46*	
08 14 16 00-0364	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	657.89	71.93
		For 7 Ply Cold Press Construction, Deduct	*-10.28*	
		For Stave Lumber Core (SLC), Add	*385.52*	
		For Structural Composite Lumber Core (SCLC), Add	*231.31*	
		For >25 To 50, Deduct	*-31.35*	
		For >50 To 100, Deduct	*-59.36*	
		For >100, Deduct	*-95.09*	
		For 9' Door Height, Add	*107.95*	
08 14 16 00-0365		**Maple Faced Wood Doors** *(08 14 16 00-0314)*		
08 14 16 00-0366	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	375.32	63.30
		For 7 Ply Cold Press Construction, Deduct	*-4.97*	
		For Stave Lumber Core (SLC), Add	*186.53*	
		For Structural Composite Lumber Core (SCLC), Add	*111.92*	
		For >25 To 50, Deduct	*-19.44*	
		For >50 To 100, Deduct	*-34.42*	
		For >100, Deduct	*-53.13*	
08 14 16 00-0367	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	375.32	63.30
		For 7 Ply Cold Press Construction, Deduct	*-4.97*	
		For Stave Lumber Core (SLC), Add	*186.53*	
		For Structural Composite Lumber Core (SCLC), Add	*111.92*	
		For >25 To 50, Deduct	*-19.44*	
		For >50 To 100, Deduct	*-34.42*	
		For >100, Deduct	*-53.13*	
08 14 16 00-0368	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	394.15	66.18
		For 7 Ply Cold Press Construction, Deduct	*-5.24*	
		For Stave Lumber Core (SLC), Add	*196.35*	
		For Structural Composite Lumber Core (SCLC), Add	*117.81*	
		For >25 To 50, Deduct	*-20.40*	
		For >50 To 100, Deduct	*-36.14*	
		For >100, Deduct	*-55.81*	
08 14 16 00-0369	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	407.21	66.18
		For 7 Ply Cold Press Construction, Deduct	*-5.50*	
		For Stave Lumber Core (SLC), Add	*206.15*	
		For Structural Composite Lumber Core (SCLC), Add	*123.69*	
		For >25 To 50, Deduct	*-20.92*	
		For >50 To 100, Deduct	*-37.29*	
		For >100, Deduct	*-57.77*	
08 14 16 00-0370	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	415.15	66.18
		For 7 Ply Cold Press Construction, Deduct	*-5.66*	
		For Stave Lumber Core (SLC), Add	*212.10*	
		For Structural Composite Lumber Core (SCLC), Add	*127.26*	
		For >25 To 50, Deduct	*-21.24*	
		For >50 To 100, Deduct	*-37.98*	
		For >100, Deduct	*-58.96*	
08 14 16 00-0371	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	428.90	69.05
		For 7 Ply Cold Press Construction, Deduct	*-5.82*	
		For Stave Lumber Core (SLC), Add	*218.09*	
		For Structural Composite Lumber Core (SCLC), Add	*130.86*	
		For >25 To 50, Deduct	*-21.99*	
		For >50 To 100, Deduct	*-39.26*	
		For >100, Deduct	*-60.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0372	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	460.81	69.05
		For 7 Ply Cold Press Construction, Deduct	*-6.45*	
		For Stave Lumber Core (SLC), Add	*242.03*	
		For Structural Composite Lumber Core (SCLC), Add	*145.22*	
		For >25 To 50, Deduct	*-23.27*	
		For >50 To 100, Deduct	*-42.05*	
		For >100, Deduct	*-65.67*	
08 14 16 00-0373	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	487.17	71.93
		For 7 Ply Cold Press Construction, Deduct	*-6.87*	
		For Stave Lumber Core (SLC), Add	*257.48*	
		For Structural Composite Lumber Core (SCLC), Add	*154.49*	
		For >25 To 50, Deduct	*-24.52*	
		For >50 To 100, Deduct	*-44.43*	
		For >100, Deduct	*-69.48*	
08 14 16 00-0374	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	389.78	63.30
		For 7 Ply Cold Press Construction, Deduct	*-5.26*	
		For Stave Lumber Core (SLC), Add	*197.38*	
		For Structural Composite Lumber Core (SCLC), Add	*118.43*	
		For >25 To 50, Deduct	*-20.02*	
		For >50 To 100, Deduct	*-35.69*	
		For >100, Deduct	*-55.30*	
08 14 16 00-0375	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	389.78	63.30
		For 7 Ply Cold Press Construction, Deduct	*-5.26*	
		For Stave Lumber Core (SLC), Add	*197.38*	
		For Structural Composite Lumber Core (SCLC), Add	*118.43*	
		For >25 To 50, Deduct	*-20.02*	
		For >50 To 100, Deduct	*-35.69*	
		For >100, Deduct	*-55.30*	
08 14 16 00-0376	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	409.40	66.18
		For 7 Ply Cold Press Construction, Deduct	*-5.54*	
		For Stave Lumber Core (SLC), Add	*207.79*	
		For Structural Composite Lumber Core (SCLC), Add	*124.67*	
		For >25 To 50, Deduct	*-21.01*	
		For >50 To 100, Deduct	*-37.48*	
		For >100, Deduct	*-58.10*	
08 14 16 00-0377	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	423.22	66.18
		For 7 Ply Cold Press Construction, Deduct	*-5.82*	
		For Stave Lumber Core (SLC), Add	*218.15*	
		For Structural Composite Lumber Core (SCLC), Add	*130.89*	
		For >25 To 50, Deduct	*-21.56*	
		For >50 To 100, Deduct	*-38.69*	
		For >100, Deduct	*-60.17*	
08 14 16 00-0378	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	431.62	66.18
		For 7 Ply Cold Press Construction, Deduct	*-5.99*	
		For Stave Lumber Core (SLC), Add	*224.45*	
		For Structural Composite Lumber Core (SCLC), Add	*134.67*	
		For >25 To 50, Deduct	*-21.90*	
		For >50 To 100, Deduct	*-39.42*	
		For >100, Deduct	*-61.43*	
08 14 16 00-0379	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	445.84	69.05
		For 7 Ply Cold Press Construction, Deduct	*-6.15*	
		For Stave Lumber Core (SLC), Add	*230.80*	
		For Structural Composite Lumber Core (SCLC), Add	*138.48*	
		For >25 To 50, Deduct	*-22.67*	
		For >50 To 100, Deduct	*-40.74*	
		For >100, Deduct	*-63.42*	
08 14 16 00-0380	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	479.60	69.05
		For 7 Ply Cold Press Construction, Deduct	*-6.83*	
		For Stave Lumber Core (SLC), Add	*256.12*	
		For Structural Composite Lumber Core (SCLC), Add	*153.67*	
		For >25 To 50, Deduct	*-24.02*	
		For >50 To 100, Deduct	*-43.69*	
		For >100, Deduct	*-68.49*	
08 14 16 00-0381	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	507.16	71.93
		For 7 Ply Cold Press Construction, Deduct	*-7.27*	
		For Stave Lumber Core (SLC), Add	*272.48*	
		For Structural Composite Lumber Core (SCLC), Add	*163.49*	
		For >25 To 50, Deduct	*-25.32*	
		For >50 To 100, Deduct	*-46.17*	
		For >100, Deduct	*-72.48*	
08 14 16 00-0382	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	441.10	63.30
		For 7 Ply Cold Press Construction, Deduct	*-6.29*	
		For Stave Lumber Core (SLC), Add	*235.87*	
		For Structural Composite Lumber Core (SCLC), Add	*141.52*	
		For >25 To 50, Deduct	*-22.08*	
		For >50 To 100, Deduct	*-40.18*	
		For >100, Deduct	*-63.00*	
		For 9' Door Height, Add	*66.04*	
08 14 16 00-0383	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	441.10	63.30
		For 7 Ply Cold Press Construction, Deduct	*-6.29*	
		For Stave Lumber Core (SLC), Add	*235.87*	
		For Structural Composite Lumber Core (SCLC), Add	*141.52*	
		For >25 To 50, Deduct	*-22.08*	
		For >50 To 100, Deduct	*-40.18*	
		For >100, Deduct	*-63.00*	
		For 9' Door Height, Add	*66.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0384	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	463.42	66.18
		For 7 Ply Cold Press Construction, Deduct	*-6.62*	
		For Stave Lumber Core (SLC), Add	*248.30*	
		For Structural Composite Lumber Core (SCLC), Add	*148.98*	
		For >25 To 50, Deduct	*-23.17*	
		For >50 To 100, Deduct	*-42.20*	
		For >100, Deduct	*-66.20*	
		For 9' Door Height, Add	*69.52*	
08 14 16 00-0385	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	479.92	66.18
		For 7 Ply Cold Press Construction, Deduct	*-6.95*	
		For Stave Lumber Core (SLC), Add	*260.68*	
		For Structural Composite Lumber Core (SCLC), Add	*156.41*	
		For >25 To 50, Deduct	*-23.83*	
		For >50 To 100, Deduct	*-43.65*	
		For >100, Deduct	*-68.68*	
		For 9' Door Height, Add	*72.99*	
08 14 16 00-0386	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	489.98	66.18
		For 7 Ply Cold Press Construction, Deduct	*-7.15*	
		For Stave Lumber Core (SLC), Add	*268.22*	
		For Structural Composite Lumber Core (SCLC), Add	*160.93*	
		For >25 To 50, Deduct	*-24.23*	
		For >50 To 100, Deduct	*-44.53*	
		For >100, Deduct	*-70.19*	
		For 9' Door Height, Add	*75.10*	
08 14 16 00-0387	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	505.83	69.05
		For 7 Ply Cold Press Construction, Deduct	*-7.35*	
		For Stave Lumber Core (SLC), Add	*275.79*	
		For Structural Composite Lumber Core (SCLC), Add	*165.47*	
		For >25 To 50, Deduct	*-25.07*	
		For >50 To 100, Deduct	*-45.99*	
		For >100, Deduct	*-72.42*	
		For 9' Door Height, Add	*77.22*	
08 14 16 00-0388	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	546.19	69.05
		For 7 Ply Cold Press Construction, Deduct	*-8.16*	
		For Stave Lumber Core (SLC), Add	*306.06*	
		For Structural Composite Lumber Core (SCLC), Add	*183.64*	
		For >25 To 50, Deduct	*-26.68*	
		For >50 To 100, Deduct	*-49.52*	
		For >100, Deduct	*-78.48*	
		For 9' Door Height, Add	*85.70*	
08 14 16 00-0389	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	578.01	71.93
		For 7 Ply Cold Press Construction, Deduct	*-8.68*	
		For Stave Lumber Core (SLC), Add	*325.61*	
		For Structural Composite Lumber Core (SCLC), Add	*195.37*	
		For >25 To 50, Deduct	*-28.16*	
		For >50 To 100, Deduct	*-52.37*	
		For >100, Deduct	*-83.11*	
		For 9' Door Height, Add	*91.17*	
08 14 16 00-0390		**Lauan Faced Wood Doors** *(08 14 16 00-0314)*		
08 14 16 00-0391	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	240.85	63.30
		For >25 To 50, Deduct	*-14.07*	
		For >50 To 100, Deduct	*-22.66*	
		For >100, Deduct	*-32.96*	
08 14 16 00-0392	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	240.85	63.30
		For >25 To 50, Deduct	*-14.07*	
		For >50 To 100, Deduct	*-22.66*	
		For >100, Deduct	*-32.96*	
08 14 16 00-0393	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	252.84	66.18
		For >25 To 50, Deduct	*-14.75*	
		For >50 To 100, Deduct	*-23.78*	
		For >100, Deduct	*-34.62*	
08 14 16 00-0394	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	259.14	66.18
		For >25 To 50, Deduct	*-15.00*	
		For >50 To 100, Deduct	*-24.33*	
		For >100, Deduct	*-35.56*	
08 14 16 00-0395	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	262.30	66.18
		For >25 To 50, Deduct	*-15.12*	
		For >50 To 100, Deduct	*-24.61*	
		For >100, Deduct	*-36.04*	
08 14 16 00-0396	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	271.25	69.05
		For >25 To 50, Deduct	*-15.68*	
		For >50 To 100, Deduct	*-25.46*	
		For >100, Deduct	*-37.23*	
08 14 16 00-0397	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	285.87	69.05
		For >25 To 50, Deduct	*-16.27*	
		For >50 To 100, Deduct	*-26.74*	
		For >100, Deduct	*-39.43*	
08 14 16 00-0398	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	303.20	71.93
		For >25 To 50, Deduct	*-17.16*	
		For >50 To 100, Deduct	*-28.33*	
		For >100, Deduct	*-41.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0399	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	247.50	63.30
		For >25 To 50, Deduct	*-14.33*	
		For >50 To 100, Deduct	*-23.24*	
		For >100, Deduct	*-33.96*	
08 14 16 00-0400	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	247.50	63.30
		For >25 To 50, Deduct	*-14.33*	
		For >50 To 100, Deduct	*-23.24*	
		For >100, Deduct	*-33.96*	
08 14 16 00-0401	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	259.86	66.18
		For >25 To 50, Deduct	*-15.03*	
		For >50 To 100, Deduct	*-24.39*	
		For >100, Deduct	*-35.67*	
08 14 16 00-0402	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	266.52	66.18
		For >25 To 50, Deduct	*-15.29*	
		For >50 To 100, Deduct	*-24.97*	
		For >100, Deduct	*-36.67*	
08 14 16 00-0403	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	269.88	66.18
		For >25 To 50, Deduct	*-15.43*	
		For >50 To 100, Deduct	*-25.27*	
		For >100, Deduct	*-37.17*	
08 14 16 00-0404	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	278.99	69.05
		For >25 To 50, Deduct	*-15.99*	
		For >50 To 100, Deduct	*-26.14*	
		For >100, Deduct	*-38.40*	
08 14 16 00-0405	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	294.48	69.05
		For >25 To 50, Deduct	*-16.61*	
		For >50 To 100, Deduct	*-27.49*	
		For >100, Deduct	*-40.72*	
08 14 16 00-0406	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	312.47	71.93
		For >25 To 50, Deduct	*-17.53*	
		For >50 To 100, Deduct	*-29.14*	
		For >100, Deduct	*-43.27*	
08 14 16 00-0407	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	271.08	63.30
		For >25 To 50, Deduct	*-15.27*	
		For >50 To 100, Deduct	*-25.30*	
		For >100, Deduct	*-37.50*	
		For 9' Door Height, Add	*30.34*	
08 14 16 00-0408	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	271.08	63.30
		For >25 To 50, Deduct	*-15.27*	
		For >50 To 100, Deduct	*-25.30*	
		For >100, Deduct	*-37.50*	
		For 9' Door Height, Add	*30.34*	
08 14 16 00-0409	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	284.72	66.18
		For >25 To 50, Deduct	*-16.02*	
		For >50 To 100, Deduct	*-26.57*	
		For >100, Deduct	*-39.40*	
		For 9' Door Height, Add	*32.00*	
08 14 16 00-0410	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	292.69	66.18
		For >25 To 50, Deduct	*-16.34*	
		For >50 To 100, Deduct	*-27.26*	
		For >100, Deduct	*-40.59*	
		For 9' Door Height, Add	*33.67*	
08 14 16 00-0411	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	296.70	66.18
		For >25 To 50, Deduct	*-16.50*	
		For >50 To 100, Deduct	*-27.62*	
		For >100, Deduct	*-41.20*	
		For 9' Door Height, Add	*34.51*	
08 14 16 00-0412	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	306.47	69.05
		For >25 To 50, Deduct	*-17.09*	
		For >50 To 100, Deduct	*-28.54*	
		For >100, Deduct	*-42.52*	
		For 9' Door Height, Add	*35.36*	
08 14 16 00-0413	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	324.97	69.05
		For >25 To 50, Deduct	*-17.83*	
		For >50 To 100, Deduct	*-30.16*	
		For >100, Deduct	*-45.29*	
		For 9' Door Height, Add	*39.24*	
08 14 16 00-0414	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	345.34	71.93
		For >25 To 50, Deduct	*-18.85*	
		For >50 To 100, Deduct	*-32.02*	
		For >100, Deduct	*-48.20*	
		For 9' Door Height, Add	*42.31*	

08 14 16 00-0415 Medium Density Overlay (MDO) Faced Wood Doors *(08 14 16 00-0314)*

08 14 16 00-0416	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	234.00	63.30
		For Stave Lumber Core (SLC), Add	*80.54*	
		For Structural Composite Lumber Core (SCLC), Add	*48.33*	
		For >25 To 50, Deduct	*-13.79*	
		For >50 To 100, Deduct	*-22.06*	
		For >100, Deduct	*-31.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0417	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	234.00	63.30
		For Stave Lumber Core (SLC), Add	*80.54*	
		For Structural Composite Lumber Core (SCLC), Add	*48.33*	
		For >25 To 50, Deduct	*-13.79*	
		For >50 To 100, Deduct	*-22.06*	
		For >100, Deduct	*-31.93*	
08 14 16 00-0418	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	245.98	66.18
		For Stave Lumber Core (SLC), Add	*85.22*	
		For Structural Composite Lumber Core (SCLC), Add	*51.13*	
		For >25 To 50, Deduct	*-14.47*	
		For >50 To 100, Deduct	*-23.18*	
		For >100, Deduct	*-33.59*	
08 14 16 00-0419	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	252.20	66.18
		For Stave Lumber Core (SLC), Add	*89.89*	
		For Structural Composite Lumber Core (SCLC), Add	*53.93*	
		For >25 To 50, Deduct	*-14.72*	
		For >50 To 100, Deduct	*-23.72*	
		For >100, Deduct	*-34.52*	
08 14 16 00-0420	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	253.34	66.18
		For Stave Lumber Core (SLC), Add	*90.74*	
		For Structural Composite Lumber Core (SCLC), Add	*54.45*	
		For >25 To 50, Deduct	*-14.77*	
		For >50 To 100, Deduct	*-23.82*	
		For >100, Deduct	*-34.69*	
08 14 16 00-0421	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	260.26	69.05
		For Stave Lumber Core (SLC), Add	*91.61*	
		For Structural Composite Lumber Core (SCLC), Add	*54.97*	
		For >25 To 50, Deduct	*-15.24*	
		For >50 To 100, Deduct	*-24.50*	
		For >100, Deduct	*-35.59*	
08 14 16 00-0422	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	273.73	69.05
		For Stave Lumber Core (SLC), Add	*101.72*	
		For Structural Composite Lumber Core (SCLC), Add	*61.03*	
		For >25 To 50, Deduct	*-15.78*	
		For >50 To 100, Deduct	*-25.68*	
		For >100, Deduct	*-37.61*	
08 14 16 00-0423	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	304.05	71.93
		For Stave Lumber Core (SLC), Add	*120.14*	
		For Structural Composite Lumber Core (SCLC), Add	*72.09*	
		For >25 To 50, Deduct	*-17.20*	
		For >50 To 100, Deduct	*-28.40*	
		For >100, Deduct	*-42.01*	
08 14 16 00-0424	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	240.25	63.30
		For Stave Lumber Core (SLC), Add	*85.23*	
		For Structural Composite Lumber Core (SCLC), Add	*51.14*	
		For >25 To 50, Deduct	*-14.04*	
		For >50 To 100, Deduct	*-22.60*	
		For >100, Deduct	*-32.87*	
08 14 16 00-0425	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	240.26	63.30
		For Stave Lumber Core (SLC), Add	*85.24*	
		For Structural Composite Lumber Core (SCLC), Add	*51.14*	
		For >25 To 50, Deduct	*-14.04*	
		For >50 To 100, Deduct	*-22.61*	
		For >100, Deduct	*-32.87*	
08 14 16 00-0426	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	252.59	66.18
		For Stave Lumber Core (SLC), Add	*90.18*	
		For Structural Composite Lumber Core (SCLC), Add	*54.11*	
		For >25 To 50, Deduct	*-14.74*	
		For >50 To 100, Deduct	*-23.76*	
		For >100, Deduct	*-34.58*	
08 14 16 00-0427	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	259.17	66.18
		For Stave Lumber Core (SLC), Add	*95.12*	
		For Structural Composite Lumber Core (SCLC), Add	*57.07*	
		For >25 To 50, Deduct	*-15.00*	
		For >50 To 100, Deduct	*-24.33*	
		For >100, Deduct	*-35.57*	
08 14 16 00-0428	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	260.38	66.18
		For Stave Lumber Core (SLC), Add	*96.02*	
		For Structural Composite Lumber Core (SCLC), Add	*57.61*	
		For >25 To 50, Deduct	*-15.05*	
		For >50 To 100, Deduct	*-24.44*	
		For >100, Deduct	*-35.75*	
08 14 16 00-0429	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	267.37	69.05
		For Stave Lumber Core (SLC), Add	*96.95*	
		For Structural Composite Lumber Core (SCLC), Add	*58.17*	
		For >25 To 50, Deduct	*-15.53*	
		For >50 To 100, Deduct	*-25.12*	
		For >100, Deduct	*-36.65*	
08 14 16 00-0430	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	281.62	69.05
		For Stave Lumber Core (SLC), Add	*107.63*	
		For Structural Composite Lumber Core (SCLC), Add	*64.58*	
		For >25 To 50, Deduct	*-16.10*	
		For >50 To 100, Deduct	*-26.37*	
		For >100, Deduct	*-38.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0431	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	313.38	71.93
		For Stave Lumber Core (SLC), Add	*127.14*	
		For Structural Composite Lumber Core (SCLC), Add	*76.28*	
		For >25 To 50, Deduct	*-17.57*	
		For >50 To 100, Deduct	*-29.22*	
		For >100, Deduct	*-43.41*	
08 14 16 00-0432	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	262.40	63.30
		For Stave Lumber Core (SLC), Add	*101.84*	
		For Structural Composite Lumber Core (SCLC), Add	*61.11*	
		For >25 To 50, Deduct	*-14.93*	
		For >50 To 100, Deduct	*-24.54*	
		For >100, Deduct	*-36.19*	
		For 9' Door Height, Add	*28.52*	
08 14 16 00-0433	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	262.42	63.30
		For Stave Lumber Core (SLC), Add	*101.86*	
		For Structural Composite Lumber Core (SCLC), Add	*61.11*	
		For >25 To 50, Deduct	*-14.93*	
		For >50 To 100, Deduct	*-24.54*	
		For >100, Deduct	*-36.20*	
		For 9' Door Height, Add	*28.52*	
08 14 16 00-0434	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	276.04	66.18
		For Stave Lumber Core (SLC), Add	*107.77*	
		For Structural Composite Lumber Core (SCLC), Add	*64.66*	
		For >25 To 50, Deduct	*-15.67*	
		For >50 To 100, Deduct	*-25.81*	
		For >100, Deduct	*-38.10*	
		For 9' Door Height, Add	*30.17*	
08 14 16 00-0435	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	283.89	66.18
		For Stave Lumber Core (SLC), Add	*113.66*	
		For Structural Composite Lumber Core (SCLC), Add	*68.19*	
		For >25 To 50, Deduct	*-15.99*	
		For >50 To 100, Deduct	*-26.49*	
		For >100, Deduct	*-39.27*	
		For 9' Door Height, Add	*31.82*	
08 14 16 00-0436	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	285.34	66.18
		For Stave Lumber Core (SLC), Add	*114.74*	
		For Structural Composite Lumber Core (SCLC), Add	*68.85*	
		For >25 To 50, Deduct	*-16.05*	
		For >50 To 100, Deduct	*-26.62*	
		For >100, Deduct	*-39.49*	
		For 9' Door Height, Add	*32.13*	
08 14 16 00-0437	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	292.58	69.05
		For Stave Lumber Core (SLC), Add	*115.85*	
		For Structural Composite Lumber Core (SCLC), Add	*69.51*	
		For >25 To 50, Deduct	*-16.54*	
		For >50 To 100, Deduct	*-27.33*	
		For >100, Deduct	*-40.43*	
		For 9' Door Height, Add	*32.44*	
08 14 16 00-0438	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	309.62	69.05
		For Stave Lumber Core (SLC), Add	*128.63*	
		For Structural Composite Lumber Core (SCLC), Add	*77.18*	
		For >25 To 50, Deduct	*-17.22*	
		For >50 To 100, Deduct	*-28.82*	
		For >100, Deduct	*-42.99*	
		For 9' Door Height, Add	*36.02*	
08 14 16 00-0439	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	346.44	71.93
		For Stave Lumber Core (SLC), Add	*151.94*	
		For Structural Composite Lumber Core (SCLC), Add	*91.16*	
		For >25 To 50, Deduct	*-18.89*	
		For >50 To 100, Deduct	*-32.11*	
		For >100, Deduct	*-48.37*	
		For 9' Door Height, Add	*42.54*	

08 14 16 00-0440 1-3/4" Thick, Particleboard Core (PC), Wood Doors *(08 14 16)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 16 00-0441 Birch Faced Wood Doors *(08 14 16 00-0440)*

08 14 16 00-0442	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	331.06	63.30
		For 7 Ply Cold Press Construction, Deduct	*-4.09*	
		For Stave Lumber Core (SLC), Add	*153.34*	
		For Structural Composite Lumber Core (SCLC), Add	*92.00*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*352.68*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.53*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*110.40*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*153.34*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*245.34*	
		For >25 To 50, Deduct	*-17.67*	
		For >50 To 100, Deduct	*-30.55*	
		For >100, Deduct	*-46.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0443	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	331.06	63.30
		For 7 Ply Cold Press Construction, Deduct	*-4.09*	
		For Stave Lumber Core (SLC), Add	*153.34*	
		For Structural Composite Lumber Core (SCLC), Add	*92.00*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*352.68*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.53*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*110.40*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*153.34*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*245.34*	
		For >25 To 50, Deduct	*-17.67*	
		For >50 To 100, Deduct	*-30.55*	
		For >100, Deduct	*-46.49*	
08 14 16 00-0444	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	326.03	66.18
		For 7 Ply Cold Press Construction, Deduct	*-3.87*	
		For Stave Lumber Core (SLC), Add	*145.26*	
		For Structural Composite Lumber Core (SCLC), Add	*87.16*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*334.10*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.24*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*104.59*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*145.26*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*232.42*	
		For >25 To 50, Deduct	*-17.67*	
		For >50 To 100, Deduct	*-30.18*	
		For >100, Deduct	*-45.60*	
08 14 16 00-0445	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	334.10	66.18
		For 7 Ply Cold Press Construction, Deduct	*-4.04*	
		For Stave Lumber Core (SLC), Add	*151.31*	
		For Structural Composite Lumber Core (SCLC), Add	*90.79*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*348.02*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.21*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*108.95*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*151.31*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*242.10*	
		For >25 To 50, Deduct	*-18.00*	
		For >50 To 100, Deduct	*-30.89*	
		For >100, Deduct	*-46.81*	
08 14 16 00-0446	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	339.50	66.18
		For 7 Ply Cold Press Construction, Deduct	*-4.14*	
		For Stave Lumber Core (SLC), Add	*155.36*	
		For Structural Composite Lumber Core (SCLC), Add	*93.22*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*357.33*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.86*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*111.86*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*155.36*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*248.58*	
		For >25 To 50, Deduct	*-18.21*	
		For >50 To 100, Deduct	*-31.36*	
		For >100, Deduct	*-47.62*	
08 14 16 00-0447	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	350.63	69.05
		For 7 Ply Cold Press Construction, Deduct	*-4.25*	
		For Stave Lumber Core (SLC), Add	*159.39*	
		For Structural Composite Lumber Core (SCLC), Add	*95.63*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*366.60*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.50*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*114.76*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*159.39*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*255.02*	
		For >25 To 50, Deduct	*-18.86*	
		For >50 To 100, Deduct	*-32.41*	
		For >100, Deduct	*-49.14*	
08 14 16 00-0448	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	374.00	69.05
		For 7 Ply Cold Press Construction, Deduct	*-4.72*	
		For Stave Lumber Core (SLC), Add	*176.92*	
		For Structural Composite Lumber Core (SCLC), Add	*106.15*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*406.91*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.31*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*127.38*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*176.92*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*283.07*	
		For >25 To 50, Deduct	*-19.79*	
		For >50 To 100, Deduct	*-34.45*	
		For >100, Deduct	*-52.65*	
08 14 16 00-0449	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	430.26	71.93
		For 7 Ply Cold Press Construction, Deduct	*-5.73*	
		For Stave Lumber Core (SLC), Add	*214.80*	
		For Structural Composite Lumber Core (SCLC), Add	*128.88*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*494.04*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*34.37*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*154.66*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*214.80*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*343.68*	
		For >25 To 50, Deduct	*-22.25*	
		For >50 To 100, Deduct	*-39.45*	
		For >100, Deduct	*-60.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0450	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	444.58	71.93
		For 7 Ply Cold Press Construction, Deduct	*-6.01*	
		For Stave Lumber Core (SLC), Add	*225.54*	
		For Structural Composite Lumber Core (SCLC), Add	*135.32*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*518.74*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.09*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*162.39*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*225.54*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*360.86*	
		For >25 To 50, Deduct	*-22.82*	
		For >50 To 100, Deduct	*-40.70*	
		For >100, Deduct	*-63.09*	
08 14 16 00-0451	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	484.73	77.69
		For 7 Ply Cold Press Construction, Deduct	*-6.59*	
		For Stave Lumber Core (SLC), Add	*247.01*	
		For Structural Composite Lumber Core (SCLC), Add	*148.21*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*568.13*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.52*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*177.85*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*247.01*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*395.22*	
		For >25 To 50, Deduct	*-24.83*	
		For >50 To 100, Deduct	*-44.36*	
		For >100, Deduct	*-68.83*	
08 14 16 00-0452	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	321.39	63.30
		For 7 Ply Cold Press Construction, Deduct	*-3.90*	
		For Stave Lumber Core (SLC), Add	*146.09*	
		For Structural Composite Lumber Core (SCLC), Add	*87.65*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*336.00*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.37*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*105.18*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*146.09*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*233.74*	
		For >25 To 50, Deduct	*-17.29*	
		For >50 To 100, Deduct	*-29.70*	
		For >100, Deduct	*-45.04*	
08 14 16 00-0453	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	321.39	63.30
		For 7 Ply Cold Press Construction, Deduct	*-3.90*	
		For Stave Lumber Core (SLC), Add	*146.09*	
		For Structural Composite Lumber Core (SCLC), Add	*87.65*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*336.00*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.37*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*105.18*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*146.09*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*233.74*	
		For >25 To 50, Deduct	*-17.29*	
		For >50 To 100, Deduct	*-29.70*	
		For >100, Deduct	*-45.04*	
08 14 16 00-0454	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	337.31	66.18
		For 7 Ply Cold Press Construction, Deduct	*-4.10*	
		For Stave Lumber Core (SLC), Add	*153.72*	
		For Structural Composite Lumber Core (SCLC), Add	*92.23*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*353.56*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.60*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*110.68*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*153.72*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*245.95*	
		For >25 To 50, Deduct	*-18.12*	
		For >50 To 100, Deduct	*-31.17*	
		For >100, Deduct	*-47.29*	
08 14 16 00-0455	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	345.85	66.18
		For 7 Ply Cold Press Construction, Deduct	*-4.27*	
		For Stave Lumber Core (SLC), Add	*160.13*	
		For Structural Composite Lumber Core (SCLC), Add	*96.08*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*368.29*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.62*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*115.29*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*160.13*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*256.20*	
		For >25 To 50, Deduct	*-18.47*	
		For >50 To 100, Deduct	*-31.92*	
		For >100, Deduct	*-48.57*	
08 14 16 00-0456	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	351.55	66.18
		For 7 Ply Cold Press Construction, Deduct	*-4.38*	
		For Stave Lumber Core (SLC), Add	*164.40*	
		For Structural Composite Lumber Core (SCLC), Add	*98.64*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*378.12*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.30*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*118.37*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*164.40*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*263.04*	
		For >25 To 50, Deduct	*-18.69*	
		For >50 To 100, Deduct	*-32.42*	
		For >100, Deduct	*-49.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0457	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	362.99	69.05
		For 7 Ply Cold Press Construction, Deduct	*-4.50*	
		For Stave Lumber Core (SLC), Add	*168.66*	
		For Structural Composite Lumber Core (SCLC), Add	*101.20*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*387.92*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.99*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*121.44*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*168.66*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*269.86*	
		For >25 To 50, Deduct	*-19.35*	
		For >50 To 100, Deduct	*-33.49*	
		For >100, Deduct	*-51.00*	
08 14 16 00-0458	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	387.73	69.05
		For 7 Ply Cold Press Construction, Deduct	*-4.99*	
		For Stave Lumber Core (SLC), Add	*187.22*	
		For Structural Composite Lumber Core (SCLC), Add	*112.33*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*430.59*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.95*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*134.79*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*187.22*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*299.54*	
		For >25 To 50, Deduct	*-20.34*	
		For >50 To 100, Deduct	*-35.65*	
		For >100, Deduct	*-54.71*	
08 14 16 00-0459	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	446.93	71.93
		For 7 Ply Cold Press Construction, Deduct	*-6.06*	
		For Stave Lumber Core (SLC), Add	*227.30*	
		For Structural Composite Lumber Core (SCLC), Add	*136.38*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*522.80*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.37*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*163.66*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*227.30*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*363.68*	
		For >25 To 50, Deduct	*-22.91*	
		For >50 To 100, Deduct	*-40.90*	
		For >100, Deduct	*-63.44*	
08 14 16 00-0460	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	462.09	71.93
		For 7 Ply Cold Press Construction, Deduct	*-6.36*	
		For Stave Lumber Core (SLC), Add	*238.67*	
		For Structural Composite Lumber Core (SCLC), Add	*143.20*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*548.95*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*38.19*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*171.84*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*238.67*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*381.88*	
		For >25 To 50, Deduct	*-23.52*	
		For >50 To 100, Deduct	*-42.23*	
		For >100, Deduct	*-65.72*	
08 14 16 00-0461	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	503.90	77.69
		For 7 Ply Cold Press Construction, Deduct	*-6.97*	
		For Stave Lumber Core (SLC), Add	*261.39*	
		For Structural Composite Lumber Core (SCLC), Add	*156.83*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*601.20*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*41.82*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*188.20*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*261.39*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*418.22*	
		For >25 To 50, Deduct	*-25.59*	
		For >50 To 100, Deduct	*-46.03*	
		For >100, Deduct	*-71.70*	
08 14 16 00-0462	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	385.14	63.30
		For 7 Ply Cold Press Construction, Deduct	*-5.17*	
		For Stave Lumber Core (SLC), Add	*193.90*	
		For Structural Composite Lumber Core (SCLC), Add	*116.34*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*445.96*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.02*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*139.61*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*193.90*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*310.24*	
		For >25 To 50, Deduct	*-19.84*	
		For >50 To 100, Deduct	*-35.28*	
		For >100, Deduct	*-54.61*	
		For 9' Door Height, Add	*54.29*	
08 14 16 00-0463	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	385.14	63.30
		For 7 Ply Cold Press Construction, Deduct	*-5.17*	
		For Stave Lumber Core (SLC), Add	*193.90*	
		For Structural Composite Lumber Core (SCLC), Add	*116.34*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*445.96*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.02*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*139.61*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*193.90*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*310.24*	
		For >25 To 50, Deduct	*-19.84*	
		For >50 To 100, Deduct	*-35.28*	
		For >100, Deduct	*-54.61*	
		For 9' Door Height, Add	*54.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0464	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	377.27	66.18
		For 7 Ply Cold Press Construction, Deduct	*-4.90*	
		For Stave Lumber Core (SLC), Add	*183.69*	
		For Structural Composite Lumber Core (SCLC), Add	*110.21*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*422.49*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.39*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*132.26*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*183.69*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*293.90*	
		For >25 To 50, Deduct	*-19.72*	
		For >50 To 100, Deduct	*-34.67*	
		For >100, Deduct	*-53.28*	
		For 9' Door Height, Add	*51.43*	
08 14 16 00-0465	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	387.47	66.18
		For 7 Ply Cold Press Construction, Deduct	*-5.10*	
		For Stave Lumber Core (SLC), Add	*191.34*	
		For Structural Composite Lumber Core (SCLC), Add	*114.80*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*440.08*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.61*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*137.76*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*191.34*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*306.14*	
		For >25 To 50, Deduct	*-20.13*	
		For >50 To 100, Deduct	*-35.56*	
		For >100, Deduct	*-54.81*	
		For 9' Door Height, Add	*53.58*	
08 14 16 00-0466	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	394.29	66.18
		For 7 Ply Cold Press Construction, Deduct	*-5.24*	
		For Stave Lumber Core (SLC), Add	*196.46*	
		For Structural Composite Lumber Core (SCLC), Add	*117.87*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*451.85*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.43*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*141.45*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*196.46*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*314.33*	
		For >25 To 50, Deduct	*-20.40*	
		For >50 To 100, Deduct	*-36.15*	
		For >100, Deduct	*-55.83*	
		For 9' Door Height, Add	*55.01*	
08 14 16 00-0467	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	406.84	69.05
		For 7 Ply Cold Press Construction, Deduct	*-5.37*	
		For Stave Lumber Core (SLC), Add	*201.55*	
		For Structural Composite Lumber Core (SCLC), Add	*120.93*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*463.56*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*32.25*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*145.11*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*201.55*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*322.48*	
		For >25 To 50, Deduct	*-21.11*	
		For >50 To 100, Deduct	*-37.32*	
		For >100, Deduct	*-57.57*	
		For 9' Door Height, Add	*56.43*	
08 14 16 00-0468	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	436.40	69.05
		For 7 Ply Cold Press Construction, Deduct	*-5.97*	
		For Stave Lumber Core (SLC), Add	*223.72*	
		For Structural Composite Lumber Core (SCLC), Add	*134.23*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*514.55*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*35.79*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*161.08*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*223.72*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*357.95*	
		For >25 To 50, Deduct	*-22.29*	
		For >50 To 100, Deduct	*-39.91*	
		For >100, Deduct	*-62.01*	
		For 9' Door Height, Add	*62.64*	
08 14 16 00-0469	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	506.02	71.93
		For 7 Ply Cold Press Construction, Deduct	*-7.24*	
		For Stave Lumber Core (SLC), Add	*271.62*	
		For Structural Composite Lumber Core (SCLC), Add	*162.97*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*624.73*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*43.46*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*195.57*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*271.62*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*434.59*	
		For >25 To 50, Deduct	*-25.28*	
		For >50 To 100, Deduct	*-46.08*	
		For >100, Deduct	*-72.31*	
		For 9' Door Height, Add	*76.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0470	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	524.13	71.93
		For 7 Ply Cold Press Construction, Deduct	*-7.61*	
		For Stave Lumber Core (SLC), Add	*285.20*	
		For Structural Composite Lumber Core (SCLC), Add	*171.12*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*655.97*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*45.63*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*205.35*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*285.20*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*456.32*	
		For >25 To 50, Deduct	*-26.00*	
		For >50 To 100, Deduct	*-47.66*	
		For >100, Deduct	*-75.02*	
		For 9' Door Height, Add	*79.86*	
08 14 16 00-0471	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	571.86	77.69
		For 7 Ply Cold Press Construction, Deduct	*-8.33*	
		For Stave Lumber Core (SLC), Add	*312.36*	
		For Structural Composite Lumber Core (SCLC), Add	*187.42*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*718.43*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.98*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*224.90*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*312.36*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*499.78*	
		For >25 To 50, Deduct	*-28.31*	
		For >50 To 100, Deduct	*-51.98*	
		For >100, Deduct	*-81.89*	
		For 9' Door Height, Add	*87.46*	

08 14 16 00-0472 Oak Faced Wood Doors *(08 14 16 00-0440)*

08 14 16 00-0473	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	518.94	63.30
		For 7 Ply Cold Press Construction, Deduct	*-7.85*	
		For Stave Lumber Core (SLC), Add	*294.25*	
		For Structural Composite Lumber Core (SCLC), Add	*176.55*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*676.77*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.08*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*211.86*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*294.25*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*470.80*	
		For >25 To 50, Deduct	*-25.19*	
		For >50 To 100, Deduct	*-46.99*	
		For >100, Deduct	*-74.68*	
08 14 16 00-0474	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	518.94	63.30
		For 7 Ply Cold Press Construction, Deduct	*-7.85*	
		For Stave Lumber Core (SLC), Add	*294.25*	
		For Structural Composite Lumber Core (SCLC), Add	*176.55*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*676.77*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.08*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*211.86*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*294.25*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*470.80*	
		For >25 To 50, Deduct	*-25.19*	
		For >50 To 100, Deduct	*-46.99*	
		For >100, Deduct	*-74.68*	
08 14 16 00-0475	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	524.68	66.18
		For 7 Ply Cold Press Construction, Deduct	*-7.85*	
		For Stave Lumber Core (SLC), Add	*294.25*	
		For Structural Composite Lumber Core (SCLC), Add	*176.55*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*676.77*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.08*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*211.86*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*294.25*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*470.80*	
		For >25 To 50, Deduct	*-25.62*	
		For >50 To 100, Deduct	*-47.56*	
		For >100, Deduct	*-75.39*	
08 14 16 00-0476	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	528.71	66.18
		For 7 Ply Cold Press Construction, Deduct	*-7.93*	
		For Stave Lumber Core (SLC), Add	*297.27*	
		For Structural Composite Lumber Core (SCLC), Add	*178.36*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*683.72*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.56*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*214.03*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*297.27*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*475.63*	
		For >25 To 50, Deduct	*-25.78*	
		For >50 To 100, Deduct	*-47.92*	
		For >100, Deduct	*-76.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0477	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	530.53	66.18
		For 7 Ply Cold Press Construction, Deduct	*-7.96*	
		For Stave Lumber Core (SLC), Add	*298.64*	
		For Structural Composite Lumber Core (SCLC), Add	*179.18*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*686.86*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.78*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*215.02*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*298.64*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*477.82*	
		For >25 To 50, Deduct	*-25.85*	
		For >50 To 100, Deduct	*-48.08*	
		For >100, Deduct	*-76.27*	
08 14 16 00-0478	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	538.11	69.05
		For 7 Ply Cold Press Construction, Deduct	*-8.00*	
		For Stave Lumber Core (SLC), Add	*300.00*	
		For Structural Composite Lumber Core (SCLC), Add	*180.00*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*690.00*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*48.00*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*216.00*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*300.00*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*480.00*	
		For >25 To 50, Deduct	*-26.36*	
		For >50 To 100, Deduct	*-48.81*	
		For >100, Deduct	*-77.26*	
08 14 16 00-0479	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	582.05	69.05
		For 7 Ply Cold Press Construction, Deduct	*-8.88*	
		For Stave Lumber Core (SLC), Add	*332.96*	
		For Structural Composite Lumber Core (SCLC), Add	*199.77*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*765.80*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*53.27*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*239.73*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*332.96*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*532.73*	
		For >25 To 50, Deduct	*-28.12*	
		For >50 To 100, Deduct	*-52.66*	
		For >100, Deduct	*-83.85*	
08 14 16 00-0480	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	700.94	71.93
		For 7 Ply Cold Press Construction, Deduct	*-11.14*	
		For Stave Lumber Core (SLC), Add	*417.81*	
		For Structural Composite Lumber Core (SCLC), Add	*250.69*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*960.96*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*66.85*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*300.82*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*417.81*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*668.50*	
		For >25 To 50, Deduct	*-33.07*	
		For >50 To 100, Deduct	*-63.13*	
		For >100, Deduct	*-101.54*	
08 14 16 00-0481	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	729.18	71.93
		For 7 Ply Cold Press Construction, Deduct	*-11.71*	
		For Stave Lumber Core (SLC), Add	*438.99*	
		For Structural Composite Lumber Core (SCLC), Add	*263.39*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,009.68*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*70.24*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*316.07*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*438.99*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*702.38*	
		For >25 To 50, Deduct	*-34.20*	
		For >50 To 100, Deduct	*-65.60*	
		For >100, Deduct	*-105.78*	
08 14 16 00-0482	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	796.03	77.69
		For 7 Ply Cold Press Construction, Deduct	*-12.81*	
		For Stave Lumber Core (SLC), Add	*480.49*	
		For Structural Composite Lumber Core (SCLC), Add	*288.29*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,105.12*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*76.88*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*345.95*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*480.49*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*768.78*	
		For >25 To 50, Deduct	*-37.28*	
		For >50 To 100, Deduct	*-71.59*	
		For >100, Deduct	*-115.52*	
08 14 16 00-0483	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	541.76	63.30
		For 7 Ply Cold Press Construction, Deduct	*-8.30*	
		For Stave Lumber Core (SLC), Add	*311.36*	
		For Structural Composite Lumber Core (SCLC), Add	*186.82*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*716.13*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.82*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*224.18*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*311.36*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*498.18*	
		For >25 To 50, Deduct	*-26.10*	
		For >50 To 100, Deduct	*-48.99*	
		For >100, Deduct	*-78.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0484	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	541.76	63.30
		For 7 Ply Cold Press Construction, Deduct	*-8.30*	
		For Stave Lumber Core (SLC), Add	*311.36*	
		For Structural Composite Lumber Core (SCLC), Add	*186.82*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*716.13*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.82*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*224.18*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*311.36*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*498.18*	
		For >25 To 50, Deduct	*-26.10*	
		For >50 To 100, Deduct	*-48.99*	
		For >100, Deduct	*-78.10*	
08 14 16 00-0485	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	547.50	66.18
		For 7 Ply Cold Press Construction, Deduct	*-8.30*	
		For Stave Lumber Core (SLC), Add	*311.36*	
		For Structural Composite Lumber Core (SCLC), Add	*186.82*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*716.13*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.82*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*224.18*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*311.36*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*498.18*	
		For >25 To 50, Deduct	*-26.53*	
		For >50 To 100, Deduct	*-49.56*	
		For >100, Deduct	*-78.82*	
08 14 16 00-0486	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	551.76	66.18
		For 7 Ply Cold Press Construction, Deduct	*-8.39*	
		For Stave Lumber Core (SLC), Add	*314.56*	
		For Structural Composite Lumber Core (SCLC), Add	*188.73*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*723.48*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*50.33*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*226.48*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*314.56*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*503.29*	
		For >25 To 50, Deduct	*-26.70*	
		For >50 To 100, Deduct	*-49.93*	
		For >100, Deduct	*-79.46*	
08 14 16 00-0487	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	553.70	66.18
		For 7 Ply Cold Press Construction, Deduct	*-8.43*	
		For Stave Lumber Core (SLC), Add	*316.01*	
		For Structural Composite Lumber Core (SCLC), Add	*189.61*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*726.83*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*50.56*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*227.53*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*316.01*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*505.62*	
		For >25 To 50, Deduct	*-26.78*	
		For >50 To 100, Deduct	*-50.10*	
		For >100, Deduct	*-79.75*	
08 14 16 00-0488	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	561.40	69.05
		For 7 Ply Cold Press Construction, Deduct	*-8.47*	
		For Stave Lumber Core (SLC), Add	*317.47*	
		For Structural Composite Lumber Core (SCLC), Add	*190.48*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*730.18*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*50.79*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*228.58*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*317.47*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*507.95*	
		For >25 To 50, Deduct	*-27.29*	
		For >50 To 100, Deduct	*-50.85*	
		For >100, Deduct	*-80.76*	
08 14 16 00-0489	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	607.89	69.05
		For 7 Ply Cold Press Construction, Deduct	*-9.40*	
		For Stave Lumber Core (SLC), Add	*352.34*	
		For Structural Composite Lumber Core (SCLC), Add	*211.40*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*810.37*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*56.37*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*253.68*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*352.34*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*563.74*	
		For >25 To 50, Deduct	*-29.15*	
		For >50 To 100, Deduct	*-54.92*	
		For >100, Deduct	*-87.73*	
08 14 16 00-0490	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	733.37	71.93
		For 7 Ply Cold Press Construction, Deduct	*-11.79*	
		For Stave Lumber Core (SLC), Add	*442.13*	
		For Structural Composite Lumber Core (SCLC), Add	*265.28*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,016.90*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*70.74*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*318.34*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*442.13*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*707.41*	
		For >25 To 50, Deduct	*-34.37*	
		For >50 To 100, Deduct	*-65.97*	
		For >100, Deduct	*-106.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0491	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	763.24	71.93
		For 7 Ply Cold Press Construction, Deduct	*-12.39*	
		For Stave Lumber Core (SLC), Add	*464.54*	
		For Structural Composite Lumber Core (SCLC), Add	*278.72*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,068.43*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*74.33*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*334.47*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*464.54*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*743.26*	
		For >25 To 50, Deduct	*-35.56*	
		For >50 To 100, Deduct	*-68.58*	
		For >100, Deduct	*-110.89*	
08 14 16 00-0492	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	833.30	77.69
		For 7 Ply Cold Press Construction, Deduct	*-13.56*	
		For Stave Lumber Core (SLC), Add	*508.44*	
		For Structural Composite Lumber Core (SCLC), Add	*305.06*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,169.41*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*81.35*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*366.08*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*508.44*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*813.50*	
		For >25 To 50, Deduct	*-38.77*	
		For >50 To 100, Deduct	*-74.86*	
		For >100, Deduct	*-121.11*	
08 14 16 00-0493	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	622.70	63.30
		For 7 Ply Cold Press Construction, Deduct	*-9.92*	
		For Stave Lumber Core (SLC), Add	*372.07*	
		For Structural Composite Lumber Core (SCLC), Add	*223.24*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*855.76*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*59.53*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*267.89*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*372.07*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*595.31*	
		For >25 To 50, Deduct	*-29.34*	
		For >50 To 100, Deduct	*-56.07*	
		For >100, Deduct	*-90.24*	
		For 9' Door Height, Add	*104.18*	
08 14 16 00-0494	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	622.70	63.30
		For 7 Ply Cold Press Construction, Deduct	*-9.92*	
		For Stave Lumber Core (SLC), Add	*372.07*	
		For Structural Composite Lumber Core (SCLC), Add	*223.24*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*855.76*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*59.53*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*267.89*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*372.07*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*595.31*	
		For >25 To 50, Deduct	*-29.34*	
		For >50 To 100, Deduct	*-56.07*	
		For >100, Deduct	*-90.24*	
		For 9' Door Height, Add	*104.18*	
08 14 16 00-0495	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	628.44	66.18
		For 7 Ply Cold Press Construction, Deduct	*-9.92*	
		For Stave Lumber Core (SLC), Add	*372.07*	
		For Structural Composite Lumber Core (SCLC), Add	*223.24*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*855.76*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*59.53*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*267.89*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*372.07*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*595.31*	
		For >25 To 50, Deduct	*-29.77*	
		For >50 To 100, Deduct	*-56.64*	
		For >100, Deduct	*-90.96*	
		For 9' Door Height, Add	*104.18*	
08 14 16 00-0496	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	633.56	66.18
		For 7 Ply Cold Press Construction, Deduct	*-10.02*	
		For Stave Lumber Core (SLC), Add	*375.91*	
		For Structural Composite Lumber Core (SCLC), Add	*225.54*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*864.59*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*60.15*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*270.65*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*375.91*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*601.45*	
		For >25 To 50, Deduct	*-29.97*	
		For >50 To 100, Deduct	*-57.09*	
		For >100, Deduct	*-91.73*	
		For 9' Door Height, Add	*105.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0497	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	635.88	66.18
		For 7 Ply Cold Press Construction, Deduct	*-10.07*	
		For Stave Lumber Core (SLC), Add	*377.65*	
		For Structural Composite Lumber Core (SCLC), Add	*226.59*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*868.59*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*60.42*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*271.91*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*377.65*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*604.24*	
		For >25 To 50, Deduct	*-30.07*	
		For >50 To 100, Deduct	*-57.29*	
		For >100, Deduct	*-92.07*	
		For 9' Door Height, Add	*105.74*	
08 14 16 00-0498	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	643.93	69.05
		For 7 Ply Cold Press Construction, Deduct	*-10.12*	
		For Stave Lumber Core (SLC), Add	*379.37*	
		For Structural Composite Lumber Core (SCLC), Add	*227.62*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*872.54*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*60.70*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*273.14*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*379.37*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*606.98*	
		For >25 To 50, Deduct	*-30.59*	
		For >50 To 100, Deduct	*-58.07*	
		For >100, Deduct	*-93.14*	
		For 9' Door Height, Add	*106.22*	
08 14 16 00-0499	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	699.49	69.05
		For 7 Ply Cold Press Construction, Deduct	*-11.23*	
		For Stave Lumber Core (SLC), Add	*421.04*	
		For Structural Composite Lumber Core (SCLC), Add	*252.62*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*968.38*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*67.37*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*303.15*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*421.04*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*673.66*	
		For >25 To 50, Deduct	*-32.81*	
		For >50 To 100, Deduct	*-62.93*	
		For >100, Deduct	*-101.47*	
		For 9' Door Height, Add	*117.89*	
08 14 16 00-0500	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	848.32	71.93
		For 7 Ply Cold Press Construction, Deduct	*-14.09*	
		For Stave Lumber Core (SLC), Add	*528.35*	
		For Structural Composite Lumber Core (SCLC), Add	*317.01*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,215.19*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*84.54*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*380.41*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*528.35*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*845.35*	
		For >25 To 50, Deduct	*-38.97*	
		For >50 To 100, Deduct	*-76.03*	
		For >100, Deduct	*-123.65*	
		For 9' Door Height, Add	*147.94*	
08 14 16 00-0501	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	884.01	71.93
		For 7 Ply Cold Press Construction, Deduct	*-14.80*	
		For Stave Lumber Core (SLC), Add	*555.11*	
		For Structural Composite Lumber Core (SCLC), Add	*333.07*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,276.76*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*88.82*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*399.68*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*555.11*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*888.18*	
		For >25 To 50, Deduct	*-40.40*	
		For >50 To 100, Deduct	*-79.15*	
		For >100, Deduct	*-129.01*	
		For 9' Door Height, Add	*155.43*	
08 14 16 00-0502	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	965.50	77.69
		For 7 Ply Cold Press Construction, Deduct	*-16.20*	
		For Stave Lumber Core (SLC), Add	*607.59*	
		For Structural Composite Lumber Core (SCLC), Add	*364.55*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,397.46*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*97.21*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*437.46*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*607.59*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*972.14*	
		For >25 To 50, Deduct	*-44.06*	
		For >50 To 100, Deduct	*-86.42*	
		For >100, Deduct	*-140.94*	
		For 9' Door Height, Add	*170.13*	

08 14 16 00-0503 Maple Faced Wood Doors *(08 14 16 00-0440)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0504	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	457.98	63.30
		For 7 Ply Cold Press Construction, Deduct	*-6.63*	
		For Stave Lumber Core (SLC), Add	*248.53*	
		For Structural Composite Lumber Core (SCLC), Add	*149.12*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*571.61*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.76*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*178.94*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*248.53*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*397.64*	
		For >25 To 50, Deduct	*-22.75*	
		For >50 To 100, Deduct	*-41.66*	
		For >100, Deduct	*-65.53*	
08 14 16 00-0505	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	457.98	63.30
		For 7 Ply Cold Press Construction, Deduct	*-6.63*	
		For Stave Lumber Core (SLC), Add	*248.53*	
		For Structural Composite Lumber Core (SCLC), Add	*149.12*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*571.61*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.76*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*178.94*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*248.53*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*397.64*	
		For >25 To 50, Deduct	*-22.75*	
		For >50 To 100, Deduct	*-41.66*	
		For >100, Deduct	*-65.53*	
08 14 16 00-0506	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	463.72	66.18
		For 7 Ply Cold Press Construction, Deduct	*-6.63*	
		For Stave Lumber Core (SLC), Add	*248.53*	
		For Structural Composite Lumber Core (SCLC), Add	*149.12*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*571.61*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.76*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*178.94*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*248.53*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*397.64*	
		For >25 To 50, Deduct	*-23.18*	
		For >50 To 100, Deduct	*-42.23*	
		For >100, Deduct	*-66.25*	
08 14 16 00-0507	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	467.13	66.18
		For 7 Ply Cold Press Construction, Deduct	*-6.70*	
		For Stave Lumber Core (SLC), Add	*251.09*	
		For Structural Composite Lumber Core (SCLC), Add	*150.65*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*577.50*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*40.17*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*180.78*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*251.09*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*401.74*	
		For >25 To 50, Deduct	*-23.32*	
		For >50 To 100, Deduct	*-42.53*	
		For >100, Deduct	*-66.76*	
08 14 16 00-0508	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	468.66	66.18
		For 7 Ply Cold Press Construction, Deduct	*-6.73*	
		For Stave Lumber Core (SLC), Add	*252.23*	
		For Structural Composite Lumber Core (SCLC), Add	*151.34*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*580.13*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*40.36*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*181.61*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*252.23*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*403.57*	
		For >25 To 50, Deduct	*-23.38*	
		For >50 To 100, Deduct	*-42.66*	
		For >100, Deduct	*-66.99*	
08 14 16 00-0509	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	475.97	69.05
		For 7 Ply Cold Press Construction, Deduct	*-6.76*	
		For Stave Lumber Core (SLC), Add	*253.40*	
		For Structural Composite Lumber Core (SCLC), Add	*152.04*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*582.81*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*40.54*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*182.44*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*253.40*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*405.43*	
		For >25 To 50, Deduct	*-23.87*	
		For >50 To 100, Deduct	*-43.37*	
		For >100, Deduct	*-67.94*	
08 14 16 00-0510	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	513.09	69.05
		For 7 Ply Cold Press Construction, Deduct	*-7.50*	
		For Stave Lumber Core (SLC), Add	*281.24*	
		For Structural Composite Lumber Core (SCLC), Add	*168.74*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*646.84*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*45.00*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*202.49*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*281.24*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*449.98*	
		For >25 To 50, Deduct	*-25.36*	
		For >50 To 100, Deduct	*-46.62*	
		For >100, Deduct	*-73.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0511	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	590.86	71.93
		For 7 Ply Cold Press Construction, Deduct	*-8.94*	
		For Stave Lumber Core (SLC), Add	*335.25*	
		For Structural Composite Lumber Core (SCLC), Add	*201.15*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*771.08*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*53.64*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*241.38*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*335.25*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*536.40*	
		For >25 To 50, Deduct	*-28.67*	
		For >50 To 100, Deduct	*-53.50*	
		For >100, Deduct	*-85.03*	
08 14 16 00-0512	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	637.90	71.93
		For 7 Ply Cold Press Construction, Deduct	*-9.88*	
		For Stave Lumber Core (SLC), Add	*370.53*	
		For Structural Composite Lumber Core (SCLC), Add	*222.32*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*852.22*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*59.28*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*266.78*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*370.53*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*592.85*	
		For >25 To 50, Deduct	*-30.55*	
		For >50 To 100, Deduct	*-57.61*	
		For >100, Deduct	*-92.09*	
08 14 16 00-0513	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	685.00	71.93
		For 7 Ply Cold Press Construction, Deduct	*-10.82*	
		For Stave Lumber Core (SLC), Add	*405.86*	
		For Structural Composite Lumber Core (SCLC), Add	*243.51*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*933.47*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*64.94*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*292.22*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*405.86*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*649.37*	
		For >25 To 50, Deduct	*-32.44*	
		For >50 To 100, Deduct	*-61.74*	
		For >100, Deduct	*-99.15*	
08 14 16 00-0514	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	477.26	63.30
		For 7 Ply Cold Press Construction, Deduct	*-7.01*	
		For Stave Lumber Core (SLC), Add	*262.99*	
		For Structural Composite Lumber Core (SCLC), Add	*157.79*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*604.87*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.08*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*189.35*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*262.99*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*420.78*	
		For >25 To 50, Deduct	*-23.52*	
		For >50 To 100, Deduct	*-43.34*	
		For >100, Deduct	*-68.42*	
08 14 16 00-0515	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	477.26	63.30
		For 7 Ply Cold Press Construction, Deduct	*-7.01*	
		For Stave Lumber Core (SLC), Add	*262.99*	
		For Structural Composite Lumber Core (SCLC), Add	*157.79*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*604.87*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.08*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*189.35*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*262.99*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*420.78*	
		For >25 To 50, Deduct	*-23.52*	
		For >50 To 100, Deduct	*-43.34*	
		For >100, Deduct	*-68.42*	
08 14 16 00-0516	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	483.00	66.18
		For 7 Ply Cold Press Construction, Deduct	*-7.01*	
		For Stave Lumber Core (SLC), Add	*262.99*	
		For Structural Composite Lumber Core (SCLC), Add	*157.79*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*604.87*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.08*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*189.35*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*262.99*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*420.78*	
		For >25 To 50, Deduct	*-23.95*	
		For >50 To 100, Deduct	*-43.92*	
		For >100, Deduct	*-69.14*	
08 14 16 00-0517	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	486.60	66.18
		For 7 Ply Cold Press Construction, Deduct	*-7.09*	
		For Stave Lumber Core (SLC), Add	*265.69*	
		For Structural Composite Lumber Core (SCLC), Add	*159.41*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*611.08*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.51*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*191.30*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*265.69*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*425.10*	
		For >25 To 50, Deduct	*-24.10*	
		For >50 To 100, Deduct	*-44.23*	
		For >100, Deduct	*-69.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0518	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	488.24	66.18
		For 7 Ply Cold Press Construction, Deduct	*-7.12*	
		For Stave Lumber Core (SLC), Add	*266.92*	
		For Structural Composite Lumber Core (SCLC), Add	*160.15*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*613.91*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.71*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*192.18*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*266.92*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*427.07*	
		For >25 To 50, Deduct	*-24.16*	
		For >50 To 100, Deduct	*-44.38*	
		For >100, Deduct	*-69.93*	
08 14 16 00-0519	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	495.63	69.05
		For 7 Ply Cold Press Construction, Deduct	*-7.15*	
		For Stave Lumber Core (SLC), Add	*268.14*	
		For Structural Composite Lumber Core (SCLC), Add	*160.88*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*616.72*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.90*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*193.06*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*268.14*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*429.02*	
		For >25 To 50, Deduct	*-24.66*	
		For >50 To 100, Deduct	*-45.09*	
		For >100, Deduct	*-70.89*	
08 14 16 00-0520	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	534.90	69.05
		For 7 Ply Cold Press Construction, Deduct	*-7.94*	
		For Stave Lumber Core (SLC), Add	*297.59*	
		For Structural Composite Lumber Core (SCLC), Add	*178.56*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*684.46*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.61*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*214.27*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*297.59*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*476.15*	
		For >25 To 50, Deduct	*-26.23*	
		For >50 To 100, Deduct	*-48.53*	
		For >100, Deduct	*-76.78*	
08 14 16 00-0521	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	616.88	71.93
		For 7 Ply Cold Press Construction, Deduct	*-9.46*	
		For Stave Lumber Core (SLC), Add	*354.77*	
		For Structural Composite Lumber Core (SCLC), Add	*212.86*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*815.96*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*56.76*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*255.43*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*354.77*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*567.62*	
		For >25 To 50, Deduct	*-29.71*	
		For >50 To 100, Deduct	*-55.78*	
		For >100, Deduct	*-88.94*	
08 14 16 00-0522	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	666.67	71.93
		For 7 Ply Cold Press Construction, Deduct	*-10.46*	
		For Stave Lumber Core (SLC), Add	*392.11*	
		For Structural Composite Lumber Core (SCLC), Add	*235.26*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*901.85*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*62.74*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*282.32*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*392.11*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*627.37*	
		For >25 To 50, Deduct	*-31.70*	
		For >50 To 100, Deduct	*-60.13*	
		For >100, Deduct	*-96.40*	
08 14 16 00-0523	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	716.50	71.93
		For 7 Ply Cold Press Construction, Deduct	*-11.45*	
		For Stave Lumber Core (SLC), Add	*429.48*	
		For Structural Composite Lumber Core (SCLC), Add	*257.69*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*987.80*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*68.72*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*309.23*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*429.48*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*687.17*	
		For >25 To 50, Deduct	*-33.70*	
		For >50 To 100, Deduct	*-64.49*	
		For >100, Deduct	*-103.88*	
08 14 16 00-0524	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	545.63	63.30
		For 7 Ply Cold Press Construction, Deduct	*-8.38*	
		For Stave Lumber Core (SLC), Add	*314.27*	
		For Structural Composite Lumber Core (SCLC), Add	*188.56*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*722.81*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*50.28*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*226.27*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*314.27*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*502.82*	
		For >25 To 50, Deduct	*-26.26*	
		For >50 To 100, Deduct	*-49.33*	
		For >100, Deduct	*-78.68*	
		For 9' Door Height, Add	*87.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0525	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	545.63	63.30
		For 7 Ply Cold Press Construction, Deduct	*-8.38*	
		For Stave Lumber Core (SLC), Add	*314.27*	
		For Structural Composite Lumber Core (SCLC), Add	*188.56*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*722.81*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*50.28*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*226.27*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*314.27*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*502.82*	
		For >25 To 50, Deduct	*-26.26*	
		For >50 To 100, Deduct	*-49.33*	
		For >100, Deduct	*-78.68*	
		For 9' Door Height, Add	*87.99*	
08 14 16 00-0526	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	551.37	66.18
		For 7 Ply Cold Press Construction, Deduct	*-8.38*	
		For Stave Lumber Core (SLC), Add	*314.27*	
		For Structural Composite Lumber Core (SCLC), Add	*188.56*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*722.81*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*50.28*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*226.27*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*314.27*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*502.82*	
		For >25 To 50, Deduct	*-26.69*	
		For >50 To 100, Deduct	*-49.90*	
		For >100, Deduct	*-79.40*	
		For 9' Door Height, Add	*87.99*	
08 14 16 00-0527	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	555.68	66.18
		For 7 Ply Cold Press Construction, Deduct	*-8.47*	
		For Stave Lumber Core (SLC), Add	*317.50*	
		For Structural Composite Lumber Core (SCLC), Add	*190.50*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*730.24*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*50.80*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*228.60*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*317.50*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*508.00*	
		For >25 To 50, Deduct	*-26.86*	
		For >50 To 100, Deduct	*-50.28*	
		For >100, Deduct	*-80.04*	
		For 9' Door Height, Add	*88.90*	
08 14 16 00-0528	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	557.64	66.18
		For 7 Ply Cold Press Construction, Deduct	*-8.51*	
		For Stave Lumber Core (SLC), Add	*318.97*	
		For Structural Composite Lumber Core (SCLC), Add	*191.38*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*733.63*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*51.03*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*229.66*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*318.97*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*510.35*	
		For >25 To 50, Deduct	*-26.94*	
		For >50 To 100, Deduct	*-50.45*	
		For >100, Deduct	*-80.34*	
		For 9' Door Height, Add	*89.31*	
08 14 16 00-0529	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	565.34	69.05
		For 7 Ply Cold Press Construction, Deduct	*-8.54*	
		For Stave Lumber Core (SLC), Add	*320.42*	
		For Structural Composite Lumber Core (SCLC), Add	*192.25*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*736.97*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*51.27*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*230.70*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*320.42*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*512.68*	
		For >25 To 50, Deduct	*-27.45*	
		For >50 To 100, Deduct	*-51.19*	
		For >100, Deduct	*-81.35*	
		For 9' Door Height, Add	*89.72*	
08 14 16 00-0530	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	612.27	69.05
		For 7 Ply Cold Press Construction, Deduct	*-9.48*	
		For Stave Lumber Core (SLC), Add	*355.62*	
		For Structural Composite Lumber Core (SCLC), Add	*213.37*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*817.93*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*56.90*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*256.05*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*355.62*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*568.99*	
		For >25 To 50, Deduct	*-29.32*	
		For >50 To 100, Deduct	*-55.30*	
		For >100, Deduct	*-88.39*	
		For 9' Door Height, Add	*99.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0531	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	709.11	71.93
		For 7 Ply Cold Press Construction, Deduct	*-11.31*	
		For Stave Lumber Core (SLC), Add	*423.94*	
		For Structural Composite Lumber Core (SCLC), Add	*254.36*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*975.06*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*67.83*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*305.24*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*423.94*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*678.30*	
		For >25 To 50, Deduct	*-33.40*	
		For >50 To 100, Deduct	*-63.85*	
		For >100, Deduct	*-102.77*	
		For 9' Door Height, Add	*118.70*	
08 14 16 00-0532	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	768.61	71.93
		For 7 Ply Cold Press Construction, Deduct	*-12.50*	
		For Stave Lumber Core (SLC), Add	*468.56*	
		For Structural Composite Lumber Core (SCLC), Add	*281.14*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,077.69*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*74.97*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*337.37*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*468.56*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*749.70*	
		For >25 To 50, Deduct	*-35.78*	
		For >50 To 100, Deduct	*-69.05*	
		For >100, Deduct	*-111.70*	
		For 9' Door Height, Add	*131.20*	
08 14 16 00-0533	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	828.14	71.93
		For 7 Ply Cold Press Construction, Deduct	*-13.69*	
		For Stave Lumber Core (SLC), Add	*513.21*	
		For Structural Composite Lumber Core (SCLC), Add	*307.93*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,180.38*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*82.11*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*369.51*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*513.21*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*821.14*	
		For >25 To 50, Deduct	*-38.16*	
		For >50 To 100, Deduct	*-74.26*	
		For >100, Deduct	*-120.62*	
		For 9' Door Height, Add	*143.70*	

08 14 16 00-0534 Walnut Faced Wood Doors *(08 14 16 00-0440)*

08 14 16 00-0535	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	728.55	63.30
		For 7 Ply Cold Press Construction, Deduct	*-12.04*	
		For Stave Lumber Core (SLC), Add	*451.46*	
		For Structural Composite Lumber Core (SCLC), Add	*270.87*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,038.35*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*72.23*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*325.05*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*451.46*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*722.33*	
		For >25 To 50, Deduct	*-33.57*	
		For >50 To 100, Deduct	*-65.33*	
		For >100, Deduct	*-106.12*	
08 14 16 00-0536	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	728.55	63.30
		For 7 Ply Cold Press Construction, Deduct	*-12.04*	
		For Stave Lumber Core (SLC), Add	*451.46*	
		For Structural Composite Lumber Core (SCLC), Add	*270.87*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,038.35*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*72.23*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*325.05*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*451.46*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*722.33*	
		For >25 To 50, Deduct	*-33.57*	
		For >50 To 100, Deduct	*-65.33*	
		For >100, Deduct	*-106.12*	
08 14 16 00-0537	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	734.49	66.18
		For 7 Ply Cold Press Construction, Deduct	*-12.04*	
		For Stave Lumber Core (SLC), Add	*451.61*	
		For Structural Composite Lumber Core (SCLC), Add	*270.96*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,038.69*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*72.26*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*325.16*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*451.61*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*722.57*	
		For >25 To 50, Deduct	*-34.01*	
		For >50 To 100, Deduct	*-65.92*	
		For >100, Deduct	*-106.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0538	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	740.69	66.18
		For 7 Ply Cold Press Construction, Deduct	*-12.17*	
		For Stave Lumber Core (SLC), Add	*456.26*	
		For Structural Composite Lumber Core (SCLC), Add	*273.75*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,049.39*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*73.00*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*328.50*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*456.26*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*730.01*	
		For >25 To 50, Deduct	*-34.26*	
		For >50 To 100, Deduct	*-66.46*	
		For >100, Deduct	*-107.79*	
08 14 16 00-0539	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	756.92	66.18
		For 7 Ply Cold Press Construction, Deduct	*-12.49*	
		For Stave Lumber Core (SLC), Add	*468.43*	
		For Structural Composite Lumber Core (SCLC), Add	*281.06*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,077.38*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*74.95*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*337.27*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*468.43*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*749.48*	
		For >25 To 50, Deduct	*-34.91*	
		For >50 To 100, Deduct	*-67.88*	
		For >100, Deduct	*-110.23*	
08 14 16 00-0540	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	778.87	69.05
		For 7 Ply Cold Press Construction, Deduct	*-12.82*	
		For Stave Lumber Core (SLC), Add	*480.57*	
		For Structural Composite Lumber Core (SCLC), Add	*288.34*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,105.31*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*76.89*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*346.01*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*480.57*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*768.91*	
		For >25 To 50, Deduct	*-35.99*	
		For >50 To 100, Deduct	*-69.88*	
		For >100, Deduct	*-113.38*	
08 14 16 00-0541	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	820.95	69.05
		For 7 Ply Cold Press Construction, Deduct	*-13.66*	
		For Stave Lumber Core (SLC), Add	*512.13*	
		For Structural Composite Lumber Core (SCLC), Add	*307.28*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,177.90*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*81.94*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*368.73*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*512.13*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*819.41*	
		For >25 To 50, Deduct	*-37.67*	
		For >50 To 100, Deduct	*-73.56*	
		For >100, Deduct	*-119.69*	
08 14 16 00-0542	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,004.31	71.93
		For 7 Ply Cold Press Construction, Deduct	*-17.21*	
		For Stave Lumber Core (SLC), Add	*645.34*	
		For Structural Composite Lumber Core (SCLC), Add	*387.20*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,484.28*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*103.25*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*464.64*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*645.34*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,032.54*	
		For >25 To 50, Deduct	*-45.21*	
		For >50 To 100, Deduct	*-89.68*	
		For >100, Deduct	*-147.05*	
08 14 16 00-0543	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,047.32	71.93
		For 7 Ply Cold Press Construction, Deduct	*-18.07*	
		For Stave Lumber Core (SLC), Add	*677.60*	
		For Structural Composite Lumber Core (SCLC), Add	*406.56*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,558.47*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*108.42*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*487.87*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*677.60*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,084.15*	
		For >25 To 50, Deduct	*-46.93*	
		For >50 To 100, Deduct	*-93.44*	
		For >100, Deduct	*-153.50*	
08 14 16 00-0544	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,133.41	71.93
		For 7 Ply Cold Press Construction, Deduct	*-19.79*	
		For Stave Lumber Core (SLC), Add	*742.16*	
		For Structural Composite Lumber Core (SCLC), Add	*445.30*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,706.97*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*118.75*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*534.36*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*742.16*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,187.46*	
		For >25 To 50, Deduct	*-50.37*	
		For >50 To 100, Deduct	*-100.97*	
		For >100, Deduct	*-166.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0545	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	763.58	63.30
		For 7 Ply Cold Press Construction, Deduct	*-12.74*	
		For Stave Lumber Core (SLC), Add	*477.73*	
		For Structural Composite Lumber Core (SCLC), Add	*286.64*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,098.77*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*76.44*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*343.96*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*477.73*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*764.36*	
		For >25 To 50, Deduct	*-34.97*	
		For >50 To 100, Deduct	*-68.40*	
		For >100, Deduct	*-111.37*	
08 14 16 00-0546	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	763.58	63.30
		For 7 Ply Cold Press Construction, Deduct	*-12.74*	
		For Stave Lumber Core (SLC), Add	*477.73*	
		For Structural Composite Lumber Core (SCLC), Add	*286.64*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,098.77*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*76.44*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*343.96*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*477.73*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*764.36*	
		For >25 To 50, Deduct	*-34.97*	
		For >50 To 100, Deduct	*-68.40*	
		For >100, Deduct	*-111.37*	
08 14 16 00-0547	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	769.51	66.18
		For 7 Ply Cold Press Construction, Deduct	*-12.74*	
		For Stave Lumber Core (SLC), Add	*477.87*	
		For Structural Composite Lumber Core (SCLC), Add	*286.72*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,099.10*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*76.46*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*344.07*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*477.87*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*764.59*	
		For >25 To 50, Deduct	*-35.41*	
		For >50 To 100, Deduct	*-68.99*	
		For >100, Deduct	*-112.12*	
08 14 16 00-0548	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	776.10	66.18
		For 7 Ply Cold Press Construction, Deduct	*-12.88*	
		For Stave Lumber Core (SLC), Add	*482.81*	
		For Structural Composite Lumber Core (SCLC), Add	*289.69*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,110.47*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*77.25*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*347.63*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*482.81*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*772.50*	
		For >25 To 50, Deduct	*-35.68*	
		For >50 To 100, Deduct	*-69.56*	
		For >100, Deduct	*-113.11*	
08 14 16 00-0549	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	793.26	66.18
		For 7 Ply Cold Press Construction, Deduct	*-13.22*	
		For Stave Lumber Core (SLC), Add	*495.68*	
		For Structural Composite Lumber Core (SCLC), Add	*297.41*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,140.07*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*79.31*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*356.89*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*495.68*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*793.09*	
		For >25 To 50, Deduct	*-36.36*	
		For >50 To 100, Deduct	*-71.06*	
		For >100, Deduct	*-115.68*	
08 14 16 00-0550	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	816.15	69.05
		For 7 Ply Cold Press Construction, Deduct	*-13.56*	
		For Stave Lumber Core (SLC), Add	*508.53*	
		For Structural Composite Lumber Core (SCLC), Add	*305.12*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,169.62*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*81.36*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*366.14*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*508.53*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*813.65*	
		For >25 To 50, Deduct	*-37.48*	
		For >50 To 100, Deduct	*-73.14*	
		For >100, Deduct	*-118.97*	
08 14 16 00-0551	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	860.70	69.05
		For 7 Ply Cold Press Construction, Deduct	*-14.45*	
		For Stave Lumber Core (SLC), Add	*541.94*	
		For Structural Composite Lumber Core (SCLC), Add	*325.17*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,246.47*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*86.71*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*390.20*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*541.94*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*867.11*	
		For >25 To 50, Deduct	*-39.26*	
		For >50 To 100, Deduct	*-77.04*	
		For >100, Deduct	*-125.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0552	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,054.37	71.93
		For 7 Ply Cold Press Construction, Deduct	*-18.21*	
		For Stave Lumber Core (SLC), Add	*682.88*	
		For Structural Composite Lumber Core (SCLC), Add	*409.73*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,570.63*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*109.26*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*491.68*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*682.88*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,092.61*	
		For >25 To 50, Deduct	*-47.21*	
		For >50 To 100, Deduct	*-94.06*	
		For >100, Deduct	*-154.56*	
08 14 16 00-0553	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,099.89	71.93
		For 7 Ply Cold Press Construction, Deduct	*-19.12*	
		For Stave Lumber Core (SLC), Add	*717.02*	
		For Structural Composite Lumber Core (SCLC), Add	*430.21*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,649.15*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*114.72*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*516.26*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*717.02*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,147.24*	
		For >25 To 50, Deduct	*-49.03*	
		For >50 To 100, Deduct	*-98.04*	
		For >100, Deduct	*-161.39*	
08 14 16 00-0554	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,190.98	71.93
		For 7 Ply Cold Press Construction, Deduct	*-20.94*	
		For Stave Lumber Core (SLC), Add	*785.34*	
		For Structural Composite Lumber Core (SCLC), Add	*471.20*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,806.28*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*125.65*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*565.44*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*785.34*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,256.54*	
		For >25 To 50, Deduct	*-52.67*	
		For >50 To 100, Deduct	*-106.01*	
		For >100, Deduct	*-175.05*	
08 14 16 00-0555	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	887.79	63.30
		For 7 Ply Cold Press Construction, Deduct	*-15.22*	
		For Stave Lumber Core (SLC), Add	*570.89*	
		For Structural Composite Lumber Core (SCLC), Add	*342.53*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,313.04*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*91.34*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*411.04*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*570.89*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*913.42*	
		For >25 To 50, Deduct	*-39.94*	
		For >50 To 100, Deduct	*-79.26*	
		For >100, Deduct	*-130.00*	
		For 9' Door Height, Add	*159.85*	
08 14 16 00-0556	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	887.79	63.30
		For 7 Ply Cold Press Construction, Deduct	*-15.22*	
		For Stave Lumber Core (SLC), Add	*570.89*	
		For Structural Composite Lumber Core (SCLC), Add	*342.53*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,313.04*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*91.34*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*411.04*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*570.89*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*913.42*	
		For >25 To 50, Deduct	*-39.94*	
		For >50 To 100, Deduct	*-79.26*	
		For >100, Deduct	*-130.00*	
		For 9' Door Height, Add	*159.85*	
08 14 16 00-0557	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	893.77	66.18
		For 7 Ply Cold Press Construction, Deduct	*-15.23*	
		For Stave Lumber Core (SLC), Add	*571.07*	
		For Structural Composite Lumber Core (SCLC), Add	*342.64*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,313.45*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*91.37*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*411.17*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*571.07*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*913.70*	
		For >25 To 50, Deduct	*-40.38*	
		For >50 To 100, Deduct	*-79.86*	
		For >100, Deduct	*-130.76*	
		For 9' Door Height, Add	*159.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0558	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	901.63	66.18
		For 7 Ply Cold Press Construction, Deduct	*-15.39*	
		For Stave Lumber Core (SLC), Add	*576.96*	
		For Structural Composite Lumber Core (SCLC), Add	*346.18*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,327.01*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*92.31*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*415.41*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*576.96*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*923.14*	
		For >25 To 50, Deduct	*-40.70*	
		For >50 To 100, Deduct	*-80.55*	
		For >100, Deduct	*-131.94*	
		For 9' Door Height, Add	*161.55*	
08 14 16 00-0559	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	922.13	66.18
		For 7 Ply Cold Press Construction, Deduct	*-15.80*	
		For Stave Lumber Core (SLC), Add	*592.34*	
		For Structural Composite Lumber Core (SCLC), Add	*355.40*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,362.37*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*94.77*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*426.48*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*592.34*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*947.74*	
		For >25 To 50, Deduct	*-41.52*	
		For >50 To 100, Deduct	*-82.34*	
		For >100, Deduct	*-135.01*	
		For 9' Door Height, Add	*165.85*	
08 14 16 00-0560	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	948.38	69.05
		For 7 Ply Cold Press Construction, Deduct	*-16.21*	
		For Stave Lumber Core (SLC), Add	*607.70*	
		For Structural Composite Lumber Core (SCLC), Add	*364.62*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,397.72*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*97.23*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*437.55*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*607.70*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*972.32*	
		For >25 To 50, Deduct	*-42.77*	
		For >50 To 100, Deduct	*-84.71*	
		For >100, Deduct	*-138.80*	
		For 9' Door Height, Add	*170.16*	
08 14 16 00-0561	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,001.62	69.05
		For 7 Ply Cold Press Construction, Deduct	*-17.27*	
		For Stave Lumber Core (SLC), Add	*647.63*	
		For Structural Composite Lumber Core (SCLC), Add	*388.58*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,489.55*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*103.62*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*466.30*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*647.63*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,036.21*	
		For >25 To 50, Deduct	*-44.90*	
		For >50 To 100, Deduct	*-89.37*	
		For >100, Deduct	*-146.79*	
		For 9' Door Height, Add	*181.34*	
08 14 16 00-0562	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,231.94	71.93
		For 7 Ply Cold Press Construction, Deduct	*-21.76*	
		For Stave Lumber Core (SLC), Add	*816.06*	
		For Structural Composite Lumber Core (SCLC), Add	*489.64*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,876.94*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*130.57*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*587.56*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*816.06*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,305.70*	
		For >25 To 50, Deduct	*-54.31*	
		For >50 To 100, Deduct	*-109.59*	
		For >100, Deduct	*-181.19*	
		For 9' Door Height, Add	*228.50*	
08 14 16 00-0563	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,286.33	71.93
		For 7 Ply Cold Press Construction, Deduct	*-22.85*	
		For Stave Lumber Core (SLC), Add	*856.85*	
		For Structural Composite Lumber Core (SCLC), Add	*514.11*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*1,970.76*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*137.10*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*616.93*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*856.85*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,370.96*	
		For >25 To 50, Deduct	*-56.49*	
		For >50 To 100, Deduct	*-114.35*	
		For >100, Deduct	*-189.35*	
		For 9' Door Height, Add	*239.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0564	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,395.17	71.93
		For 7 Ply Cold Press Construction, Deduct	*-25.03*	
		For Stave Lumber Core (SLC), Add	*938.48*	
		For Structural Composite Lumber Core (SCLC), Add	*563.09*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*2,158.51*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*150.16*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*675.71*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*938.48*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,501.57*	
		For >25 To 50, Deduct	*-60.84*	
		For >50 To 100, Deduct	*-123.88*	
		For >100, Deduct	*-205.68*	
		For 9' Door Height, Add	*262.78*	

08 14 16 00-0565 Lauan Faced Wood Doors *(08 14 16 00-0440)*

08 14 16 00-0566	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	282.12	63.30
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*268.25*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*18.66*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*83.98*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*116.63*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*186.61*	
		For >25 To 50, Deduct	*-15.72*	
		For >50 To 100, Deduct	*-26.27*	
		For >100, Deduct	*-39.15*	
08 14 16 00-0567	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	282.12	63.30
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*268.25*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*18.66*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*83.98*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*116.63*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*186.61*	
		For >25 To 50, Deduct	*-15.72*	
		For >50 To 100, Deduct	*-26.27*	
		For >100, Deduct	*-39.15*	
08 14 16 00-0568	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	288.31	66.18
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*269.03*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*18.72*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*84.22*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*116.97*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*187.15*	
		For >25 To 50, Deduct	*-16.16*	
		For >50 To 100, Deduct	*-26.88*	
		For >100, Deduct	*-39.94*	
08 14 16 00-0569	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	292.79	66.18
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*276.76*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.25*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*86.64*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*120.33*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*192.53*	
		For >25 To 50, Deduct	*-16.34*	
		For >50 To 100, Deduct	*-27.27*	
		For >100, Deduct	*-40.61*	
08 14 16 00-0570	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	294.41	66.18
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*279.55*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.45*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*87.51*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*121.55*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*194.47*	
		For >25 To 50, Deduct	*-16.41*	
		For >50 To 100, Deduct	*-27.42*	
		For >100, Deduct	*-40.85*	
08 14 16 00-0571	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	301.79	69.05
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*282.35*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.64*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*88.39*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*122.76*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*196.42*	
		For >25 To 50, Deduct	*-16.91*	
		For >50 To 100, Deduct	*-28.13*	
		For >100, Deduct	*-41.82*	
08 14 16 00-0572	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	316.58	69.05
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*307.86*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*21.42*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*96.37*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*133.85*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*214.16*	
		For >25 To 50, Deduct	*-17.50*	
		For >50 To 100, Deduct	*-29.43*	
		For >100, Deduct	*-44.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0573	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	335.06	71.93
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*329.82*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.94*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*103.25*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*143.40*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*229.44*	
		For >25 To 50, Deduct	*-18.44*	
		For >50 To 100, Deduct	*-31.12*	
		For >100, Deduct	*-46.66*	
08 14 16 00-0574	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	344.62	71.93
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*346.31*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.09*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*108.41*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*150.57*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*240.91*	
		For >25 To 50, Deduct	*-18.82*	
		For >50 To 100, Deduct	*-31.95*	
		For >100, Deduct	*-48.10*	
08 14 16 00-0575	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	363.75	71.93
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*379.31*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.39*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*118.74*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*164.92*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*263.87*	
		For >25 To 50, Deduct	*-19.59*	
		For >50 To 100, Deduct	*-33.63*	
		For >100, Deduct	*-50.97*	
08 14 16 00-0576	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	291.16	63.30
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*283.85*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.75*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*88.86*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*123.41*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*197.46*	
		For >25 To 50, Deduct	*-16.08*	
		For >50 To 100, Deduct	*-27.06*	
		For >100, Deduct	*-40.51*	
08 14 16 00-0577	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	291.16	63.30
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*283.85*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.75*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*88.86*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*123.41*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*197.46*	
		For >25 To 50, Deduct	*-16.08*	
		For >50 To 100, Deduct	*-27.06*	
		For >100, Deduct	*-40.51*	
08 14 16 00-0578	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	297.38	66.18
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*284.68*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.80*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*89.12*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*123.77*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*198.04*	
		For >25 To 50, Deduct	*-16.53*	
		For >50 To 100, Deduct	*-27.68*	
		For >100, Deduct	*-41.30*	
08 14 16 00-0579	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	302.12	66.18
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*292.85*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*20.37*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*91.68*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*127.33*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*203.72*	
		For >25 To 50, Deduct	*-16.72*	
		For >50 To 100, Deduct	*-28.09*	
		For >100, Deduct	*-42.01*	
08 14 16 00-0580	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	303.85	66.18
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*295.84*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*20.58*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*92.61*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*128.63*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*205.80*	
		For >25 To 50, Deduct	*-16.79*	
		For >50 To 100, Deduct	*-28.24*	
		For >100, Deduct	*-42.27*	
08 14 16 00-0581	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	311.31	69.05
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*298.77*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*20.78*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*93.53*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*129.90*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*207.84*	
		For >25 To 50, Deduct	*-17.29*	
		For >50 To 100, Deduct	*-28.97*	
		For >100, Deduct	*-43.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0582	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	326.96	69.05
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*325.77*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.66*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*101.98*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*141.64*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*226.62*	
		For >25 To 50, Deduct	*-17.91*	
		For >50 To 100, Deduct	*-30.34*	
		For >100, Deduct	*-45.59*	
08 14 16 00-0583	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	346.19	71.93
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*349.02*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.28*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*109.26*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*151.75*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*242.80*	
		For >25 To 50, Deduct	*-18.88*	
		For >50 To 100, Deduct	*-32.09*	
		For >100, Deduct	*-48.33*	
08 14 16 00-0584	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	356.30	71.93
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*366.46*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.49*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*114.72*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*159.33*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*254.93*	
		For >25 To 50, Deduct	*-19.29*	
		For >50 To 100, Deduct	*-32.97*	
		For >100, Deduct	*-49.85*	
08 14 16 00-0585	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	376.55	71.93
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*401.39*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.92*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*125.65*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*174.52*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*279.23*	
		For >25 To 50, Deduct	*-20.10*	
		For >50 To 100, Deduct	*-34.75*	
		For >100, Deduct	*-52.89*	
08 14 16 00-0586	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	323.23	63.30
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*339.17*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.59*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*106.17*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*147.47*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*235.94*	
		For >25 To 50, Deduct	*-17.36*	
		For >50 To 100, Deduct	*-29.87*	
		For >100, Deduct	*-45.32*	
		For 9' Door Height, Add	*41.29*	
08 14 16 00-0587	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	323.23	63.30
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*339.17*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.59*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*106.17*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*147.47*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*235.94*	
		For >25 To 50, Deduct	*-17.36*	
		For >50 To 100, Deduct	*-29.87*	
		For >100, Deduct	*-45.32*	
		For 9' Door Height, Add	*41.29*	
08 14 16 00-0588	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	329.55	66.18
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*340.17*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.66*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*106.49*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*147.90*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*236.64*	
		For >25 To 50, Deduct	*-17.81*	
		For >50 To 100, Deduct	*-30.49*	
		For >100, Deduct	*-46.12*	
		For 9' Door Height, Add	*41.41*	
08 14 16 00-0589	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	335.23	66.18
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*349.97*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.35*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*109.56*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*152.16*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*243.46*	
		For >25 To 50, Deduct	*-18.04*	
		For >50 To 100, Deduct	*-30.99*	
		For >100, Deduct	*-46.98*	
		For 9' Door Height, Add	*42.60*	
08 14 16 00-0590	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	337.29	66.18
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*353.52*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.59*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*110.67*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*153.71*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*245.93*	
		For >25 To 50, Deduct	*-18.12*	
		For >50 To 100, Deduct	*-31.17*	
		For >100, Deduct	*-47.28*	
		For 9' Door Height, Add	*43.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0591	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	345.10	69.05
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*357.06*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.84*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*111.77*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*155.24*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*248.39*	
		For >25 To 50, Deduct	*-18.64*	
		For >50 To 100, Deduct	*-31.92*	
		For >100, Deduct	*-48.31*	
		For 9' Door Height, Add	*43.47*	
08 14 16 00-0592	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	363.80	69.05
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*389.32*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.08*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*121.87*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*169.27*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*270.83*	
		For >25 To 50, Deduct	*-19.39*	
		For >50 To 100, Deduct	*-33.56*	
		For >100, Deduct	*-51.12*	
		For 9' Door Height, Add	*47.39*	
08 14 16 00-0593	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	385.64	71.93
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*417.07*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.01*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*130.56*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*181.34*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*290.14*	
		For >25 To 50, Deduct	*-20.46*	
		For >50 To 100, Deduct	*-35.54*	
		For >100, Deduct	*-54.25*	
		For 9' Door Height, Add	*50.77*	
08 14 16 00-0594	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	397.72	71.93
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*437.91*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.46*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*137.08*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*190.40*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*304.63*	
		For >25 To 50, Deduct	*-20.94*	
		For >50 To 100, Deduct	*-36.60*	
		For >100, Deduct	*-56.06*	
		For 9' Door Height, Add	*53.31*	
08 14 16 00-0595	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	421.92	71.93
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*479.65*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*33.37*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*150.15*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*208.55*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*333.67*	
		For >25 To 50, Deduct	*-21.91*	
		For >50 To 100, Deduct	*-38.72*	
		For >100, Deduct	*-59.69*	
		For 9' Door Height, Add	*58.39*	

08 14 16 00-0596 Medium Density Overlay (MDO) Wood Doors *(08 14 16 00-0440)*

08 14 16 00-0597	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	261.55	63.30
		For Stave Lumber Core (SLC), Add	*101.21*	
		For Structural Composite Lumber Core (SCLC), Add	*60.72*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*16.19*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*72.87*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*101.21*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*161.93*	
		For >25 To 50, Deduct	*-14.89*	
		For >50 To 100, Deduct	*-24.47*	
		For >100, Deduct	*-36.07*	
08 14 16 00-0598	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	261.55	63.30
		For Stave Lumber Core (SLC), Add	*101.21*	
		For Structural Composite Lumber Core (SCLC), Add	*60.72*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*16.19*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*72.87*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*101.21*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*161.93*	
		For >25 To 50, Deduct	*-14.89*	
		For >50 To 100, Deduct	*-24.47*	
		For >100, Deduct	*-36.07*	
08 14 16 00-0599	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	275.10	66.18
		For Stave Lumber Core (SLC), Add	*107.06*	
		For Structural Composite Lumber Core (SCLC), Add	*64.24*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*17.13*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*77.09*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*107.06*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*171.30*	
		For >25 To 50, Deduct	*-15.64*	
		For >50 To 100, Deduct	*-25.73*	
		For >100, Deduct	*-37.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0600	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	282.90	66.18
		For Stave Lumber Core (SLC), Add	*112.91*	
		For Structural Composite Lumber Core (SCLC), Add	*67.75*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*18.07*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*81.30*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*112.91*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*180.66*	
		For >25 To 50, Deduct	*-15.95*	
		For >50 To 100, Deduct	*-26.41*	
		For >100, Deduct	*-39.13*	
08 14 16 00-0601	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	284.35	66.18
		For Stave Lumber Core (SLC), Add	*114.00*	
		For Structural Composite Lumber Core (SCLC), Add	*68.40*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*18.24*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*82.08*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*114.00*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*182.40*	
		For >25 To 50, Deduct	*-16.01*	
		For >50 To 100, Deduct	*-26.54*	
		For >100, Deduct	*-39.34*	
08 14 16 00-0602	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	291.58	69.05
		For Stave Lumber Core (SLC), Add	*115.10*	
		For Structural Composite Lumber Core (SCLC), Add	*69.06*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*18.42*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*82.87*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*115.10*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*184.16*	
		For >25 To 50, Deduct	*-16.50*	
		For >50 To 100, Deduct	*-27.24*	
		For >100, Deduct	*-40.28*	
08 14 16 00-0603	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	308.50	69.05
		For Stave Lumber Core (SLC), Add	*127.79*	
		For Structural Composite Lumber Core (SCLC), Add	*76.68*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*20.45*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*92.01*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*127.79*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*204.47*	
		For >25 To 50, Deduct	*-17.17*	
		For >50 To 100, Deduct	*-28.72*	
		For >100, Deduct	*-42.82*	
08 14 16 00-0604	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	345.14	71.93
		For Stave Lumber Core (SLC), Add	*150.96*	
		For Structural Composite Lumber Core (SCLC), Add	*90.58*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.15*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*108.69*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*150.96*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*241.54*	
		For >25 To 50, Deduct	*-18.84*	
		For >50 To 100, Deduct	*-32.00*	
		For >100, Deduct	*-48.17*	
08 14 16 00-0605	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	355.21	71.93
		For Stave Lumber Core (SLC), Add	*158.51*	
		For Structural Composite Lumber Core (SCLC), Add	*95.11*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.36*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*114.13*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*158.51*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*253.62*	
		For >25 To 50, Deduct	*-19.24*	
		For >50 To 100, Deduct	*-32.88*	
		For >100, Deduct	*-49.69*	
08 14 16 00-0606	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	375.32	71.93
		For Stave Lumber Core (SLC), Add	*173.60*	
		For Structural Composite Lumber Core (SCLC), Add	*104.16*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.78*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*124.99*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*173.60*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*277.75*	
		For >25 To 50, Deduct	*-20.05*	
		For >50 To 100, Deduct	*-34.64*	
		For >100, Deduct	*-52.70*	
08 14 16 00-0607	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	269.41	63.30
		For Stave Lumber Core (SLC), Add	*107.10*	
		For Structural Composite Lumber Core (SCLC), Add	*64.26*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*17.14*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*77.11*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*107.10*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*171.36*	
		For >25 To 50, Deduct	*-15.21*	
		For >50 To 100, Deduct	*-25.16*	
		For >100, Deduct	*-37.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0608	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	269.41	63.30
		For Stave Lumber Core (SLC), Add	*107.10*	
		For Structural Composite Lumber Core (SCLC), Add	*64.26*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*17.14*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*77.11*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*107.10*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*171.36*	
		For >25 To 50, Deduct	*-15.21*	
		For >50 To 100, Deduct	*-25.16*	
		For >100, Deduct	*-37.25*	
08 14 16 00-0609	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	283.42	66.18
		For Stave Lumber Core (SLC), Add	*113.30*	
		For Structural Composite Lumber Core (SCLC), Add	*67.98*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*18.13*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*81.58*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*113.30*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*181.28*	
		For >25 To 50, Deduct	*-15.97*	
		For >50 To 100, Deduct	*-26.45*	
		For >100, Deduct	*-39.20*	
08 14 16 00-0610	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	291.67	66.18
		For Stave Lumber Core (SLC), Add	*119.49*	
		For Structural Composite Lumber Core (SCLC), Add	*71.69*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.12*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*86.03*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*119.49*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*191.18*	
		For >25 To 50, Deduct	*-16.30*	
		For >50 To 100, Deduct	*-27.18*	
		For >100, Deduct	*-40.44*	
08 14 16 00-0611	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	293.20	66.18
		For Stave Lumber Core (SLC), Add	*120.64*	
		For Structural Composite Lumber Core (SCLC), Add	*72.38*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.30*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*86.86*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*120.64*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*193.02*	
		For >25 To 50, Deduct	*-16.36*	
		For >50 To 100, Deduct	*-27.31*	
		For >100, Deduct	*-40.67*	
08 14 16 00-0612	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	300.52	69.05
		For Stave Lumber Core (SLC), Add	*121.81*	
		For Structural Composite Lumber Core (SCLC), Add	*73.08*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.49*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*87.70*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*121.81*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*194.89*	
		For >25 To 50, Deduct	*-16.85*	
		For >50 To 100, Deduct	*-28.02*	
		For >100, Deduct	*-41.63*	
08 14 16 00-0613	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	318.41	69.05
		For Stave Lumber Core (SLC), Add	*135.23*	
		For Structural Composite Lumber Core (SCLC), Add	*81.14*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*21.64*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*97.36*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*135.23*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*216.36*	
		For >25 To 50, Deduct	*-17.57*	
		For >50 To 100, Deduct	*-29.59*	
		For >100, Deduct	*-44.31*	
08 14 16 00-0614	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	356.85	71.93
		For Stave Lumber Core (SLC), Add	*159.74*	
		For Structural Composite Lumber Core (SCLC), Add	*95.85*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.56*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*115.01*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*159.74*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*255.59*	
		For >25 To 50, Deduct	*-19.31*	
		For >50 To 100, Deduct	*-33.02*	
		For >100, Deduct	*-49.93*	
08 14 16 00-0615	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	367.51	71.93
		For Stave Lumber Core (SLC), Add	*167.74*	
		For Structural Composite Lumber Core (SCLC), Add	*100.64*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.84*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*120.77*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*167.74*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*268.38*	
		For >25 To 50, Deduct	*-19.74*	
		For >50 To 100, Deduct	*-33.96*	
		For >100, Deduct	*-51.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0616	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	388.80	71.93
		For Stave Lumber Core (SLC), Add	*183.71*	
		For Structural Composite Lumber Core (SCLC), Add	*110.22*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.39*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*132.27*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*183.71*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*293.93*	
		For >25 To 50, Deduct	*-20.59*	
		For >50 To 100, Deduct	*-35.82*	
		For >100, Deduct	*-54.72*	
08 14 16 00-0617	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	297.25	63.30
		For Stave Lumber Core (SLC), Add	*127.98*	
		For Structural Composite Lumber Core (SCLC), Add	*76.79*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*20.48*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*92.15*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*127.98*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*204.77*	
		For >25 To 50, Deduct	*-16.32*	
		For >50 To 100, Deduct	*-27.59*	
		For >100, Deduct	*-41.42*	
		For 9' Door Height, Add	*35.83*	
08 14 16 00-0618	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	297.25	63.30
		For Stave Lumber Core (SLC), Add	*127.98*	
		For Structural Composite Lumber Core (SCLC), Add	*76.79*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*20.48*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*92.15*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*127.98*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*204.77*	
		For >25 To 50, Deduct	*-16.32*	
		For >50 To 100, Deduct	*-27.59*	
		For >100, Deduct	*-41.42*	
		For 9' Door Height, Add	*35.83*	
08 14 16 00-0619	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	312.88	66.18
		For Stave Lumber Core (SLC), Add	*135.40*	
		For Structural Composite Lumber Core (SCLC), Add	*81.24*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*21.66*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*97.49*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*135.40*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*216.64*	
		For >25 To 50, Deduct	*-17.15*	
		For >50 To 100, Deduct	*-29.03*	
		For >100, Deduct	*-43.62*	
		For 9' Door Height, Add	*37.91*	
08 14 16 00-0620	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	322.74	66.18
		For Stave Lumber Core (SLC), Add	*142.79*	
		For Structural Composite Lumber Core (SCLC), Add	*85.68*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.85*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*102.81*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*142.79*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*228.47*	
		For >25 To 50, Deduct	*-17.54*	
		For >50 To 100, Deduct	*-29.89*	
		For >100, Deduct	*-45.10*	
		For 9' Door Height, Add	*39.98*	
08 14 16 00-0621	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	324.57	66.18
		For Stave Lumber Core (SLC), Add	*144.17*	
		For Structural Composite Lumber Core (SCLC), Add	*86.50*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.07*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*103.80*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*144.17*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*230.66*	
		For >25 To 50, Deduct	*-17.62*	
		For >50 To 100, Deduct	*-30.05*	
		For >100, Deduct	*-45.38*	
		For 9' Door Height, Add	*40.37*	
08 14 16 00-0622	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	332.19	69.05
		For Stave Lumber Core (SLC), Add	*145.56*	
		For Structural Composite Lumber Core (SCLC), Add	*87.34*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.29*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*104.80*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*145.56*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*232.90*	
		For >25 To 50, Deduct	*-18.12*	
		For >50 To 100, Deduct	*-30.79*	
		For >100, Deduct	*-46.38*	
		For 9' Door Height, Add	*40.76*	
08 14 16 00-0623	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	353.57	69.05
		For Stave Lumber Core (SLC), Add	*161.60*	
		For Structural Composite Lumber Core (SCLC), Add	*96.96*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.86*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*116.35*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*161.60*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*258.55*	
		For >25 To 50, Deduct	*-18.98*	
		For >50 To 100, Deduct	*-32.66*	
		For >100, Deduct	*-49.58*	
		For 9' Door Height, Add	*45.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0624	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	398.37	71.93
		For Stave Lumber Core (SLC), Add	*190.88*	
		For Structural Composite Lumber Core (SCLC), Add	*114.53*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.54*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*137.44*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*190.88*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*305.41*	
		For >25 To 50, Deduct	*-20.97*	
		For >50 To 100, Deduct	*-36.66*	
		For >100, Deduct	*-56.16*	
		For 9' Door Height, Add	*53.45*	
08 14 16 00-0625	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	411.12	71.93
		For Stave Lumber Core (SLC), Add	*200.45*	
		For Structural Composite Lumber Core (SCLC), Add	*120.27*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*32.07*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*144.32*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*200.45*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*320.71*	
		For >25 To 50, Deduct	*-21.48*	
		For >50 To 100, Deduct	*-37.77*	
		For >100, Deduct	*-58.07*	
		For 9' Door Height, Add	*56.12*	
08 14 16 00-0626	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	436.56	71.93
		For Stave Lumber Core (SLC), Add	*219.53*	
		For Structural Composite Lumber Core (SCLC), Add	*131.72*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*35.12*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*158.06*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*219.53*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*351.24*	
		For >25 To 50, Deduct	*-22.50*	
		For >50 To 100, Deduct	*-40.00*	
		For >100, Deduct	*-61.89*	
		For 9' Door Height, Add	*61.47*	

08 14 16 00-0627 Manufacturer Prefinished Options For Flush Wood Doors *(08 14 16)*

08 14 16 00-0628	EA	Two Coats, Clear Or Colored Catalyzed Polyurethane Factory Finish For Flush Wood Door Note: Includes (2) coats any standard manufacturer color on six sides.	78.30	
		For Custom Color To Match Non-Standard Manufacturer Finish, Add	*26.08*	
08 14 16 00-0629	EA	Three Coats, Clear Or Colored Catalyzed Polyurethane Factory Finish For Flush Wood Door Note: Includes (3) coats any standard manufacturer color on six sides.	117.45	
		For Custom Color To Match Non-Standard Manufacturer Finish, Add	*26.08*	

08 14 16 00-0630 Exterior Doors, Premium Grade Door *(08 14 16)*

Note: Window and Door Manufacturers Association (WDMA), Plain slice, book matched, Grade A Premium, pre-finished

08 14 16 00-0631	EA	3' x 7' x 1-3/4" Window and Door Manufacturers Association (WDMA), White Birch, Solid Wood, 20 Minute Fire Rated, Premium Grade Exterior Door	1,074.11	69.05
		For >25 To 50, Deduct	*-47.80*	
		For >50 To 100, Deduct	*-95.71*	
		For >100, Deduct	*-157.66*	
08 14 16 00-0632	EA	3' x 7' x 1-3/4" Window and Door Manufacturers Association (WDMA), White Birch, Solid Wood, 45 Minute Fire Rated, Premium Grade Exterior Door	1,183.34	69.05
		For >25 To 50, Deduct	*-52.17*	
		For >50 To 100, Deduct	*-105.27*	
		For >100, Deduct	*-174.05*	
08 14 16 00-0633	EA	3' x 7' x 1-3/4" Window and Door Manufacturers Association (WDMA), White Birch, Solid Wood, 60 Minute Fire Rated, Premium Grade Exterior Door	1,315.17	69.05
		For >25 To 50, Deduct	*-57.44*	
		For >50 To 100, Deduct	*-116.80*	
		For >100, Deduct	*-193.82*	
08 14 16 00-0634	EA	3' x 7' x 1-3/4" Window and Door Manufacturers Association (WDMA), White Birch, Solid Wood, 90 Minute Fire Rated, Premium Grade Exterior Door	1,415.22	69.05
		For >25 To 50, Deduct	*-61.44*	
		For >50 To 100, Deduct	*-125.56*	
		For >100, Deduct	*-208.83*	

08 14 23 Clad Wood Doors *(08 14)*

08 14 23 16 Plastic-Laminate-Faced Wood Doors *(08 14 23)*

08 14 23 16-0001 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Doors *(08 14 23 16)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 23 16-0002	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	311.94	63.30
		For Structural Composite Lumber Core (SCLC), Add	*83.40*	
		For 5 Ply Construction, Add	*6.49*	
		For >25 To 50, Deduct	*-16.91*	
		For >50 To 100, Deduct	*-28.88*	
		For >100, Deduct	*-43.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0003	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	311.94	63.30
		For Structural Composite Lumber Core (SCLC), Add	*83.40*	
		For 5 Ply Construction, Add	*6.49*	
		For >25 To 50, Deduct	*-16.91*	
		For >50 To 100, Deduct	*-28.88*	
		For >100, Deduct	*-43.63*	
08 14 23 16-0004	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	327.87	66.18
		For Structural Composite Lumber Core (SCLC), Add	*87.98*	
		For 5 Ply Construction, Add	*6.84*	
		For >25 To 50, Deduct	*-17.75*	
		For >50 To 100, Deduct	*-30.34*	
		For >100, Deduct	*-45.87*	
08 14 23 16-0005	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	338.07	66.18
		For Structural Composite Lumber Core (SCLC), Add	*92.57*	
		For 5 Ply Construction, Add	*7.20*	
		For >25 To 50, Deduct	*-18.16*	
		For >50 To 100, Deduct	*-31.24*	
		For >100, Deduct	*-47.40*	
08 14 23 16-0006	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	343.21	66.18
		For Structural Composite Lumber Core (SCLC), Add	*94.89*	
		For 5 Ply Construction, Add	*7.38*	
		For >25 To 50, Deduct	*-18.36*	
		For >50 To 100, Deduct	*-31.69*	
		For >100, Deduct	*-48.17*	
08 14 23 16-0007	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	354.09	69.05
		For Structural Composite Lumber Core (SCLC), Add	*97.19*	
		For 5 Ply Construction, Add	*7.56*	
		For >25 To 50, Deduct	*-19.00*	
		For >50 To 100, Deduct	*-32.71*	
		For >100, Deduct	*-49.66*	
08 14 23 16-0008	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	377.84	69.05
		For Structural Composite Lumber Core (SCLC), Add	*107.88*	
		For 5 Ply Construction, Add	*8.39*	
		For >25 To 50, Deduct	*-19.95*	
		For >50 To 100, Deduct	*-34.79*	
		For >100, Deduct	*-53.22*	
08 14 23 16-0009	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	398.93	71.93
		For Structural Composite Lumber Core (SCLC), Add	*114.78*	
		For 5 Ply Construction, Add	*8.93*	
		For >25 To 50, Deduct	*-20.99*	
		For >50 To 100, Deduct	*-36.70*	
		For >100, Deduct	*-56.24*	
08 14 23 16-0010	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	322.73	63.30
		For Structural Composite Lumber Core (SCLC), Add	*88.25*	
		For 5 Ply Construction, Add	*6.86*	
		For >25 To 50, Deduct	*-17.34*	
		For >50 To 100, Deduct	*-29.82*	
		For >100, Deduct	*-45.24*	
08 14 23 16-0011	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	322.72	63.30
		For Structural Composite Lumber Core (SCLC), Add	*88.25*	
		For 5 Ply Construction, Add	*6.86*	
		For >25 To 50, Deduct	*-17.34*	
		For >50 To 100, Deduct	*-29.82*	
		For >100, Deduct	*-45.24*	
08 14 23 16-0012	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	339.26	66.18
		For Structural Composite Lumber Core (SCLC), Add	*93.11*	
		For 5 Ply Construction, Add	*7.24*	
		For >25 To 50, Deduct	*-18.20*	
		For >50 To 100, Deduct	*-31.34*	
		For >100, Deduct	*-47.58*	
08 14 23 16-0013	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	350.04	66.18
		For Structural Composite Lumber Core (SCLC), Add	*97.96*	
		For 5 Ply Construction, Add	*7.62*	
		For >25 To 50, Deduct	*-18.63*	
		For >50 To 100, Deduct	*-32.28*	
		For >100, Deduct	*-49.20*	
08 14 23 16-0014	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	355.48	66.18
		For Structural Composite Lumber Core (SCLC), Add	*100.41*	
		For 5 Ply Construction, Add	*7.81*	
		For >25 To 50, Deduct	*-18.85*	
		For >50 To 100, Deduct	*-32.76*	
		For >100, Deduct	*-50.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0015	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	366.66	69.05
		For Structural Composite Lumber Core (SCLC), Add	*102.85*	
		For 5 Ply Construction, Add	*8.00*	
		For >25 To 50, Deduct	*-19.50*	
		For >50 To 100, Deduct	*-33.81*	
		For >100, Deduct	*-51.55*	
08 14 23 16-0016	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	391.79	69.05
		For Structural Composite Lumber Core (SCLC), Add	*114.16*	
		For 5 Ply Construction, Add	*8.88*	
		For >25 To 50, Deduct	*-20.51*	
		For >50 To 100, Deduct	*-36.01*	
		For >100, Deduct	*-55.32*	
08 14 23 16-0017	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	413.77	71.93
		For Structural Composite Lumber Core (SCLC), Add	*121.46*	
		For 5 Ply Construction, Add	*9.45*	
		For >25 To 50, Deduct	*-21.59*	
		For >50 To 100, Deduct	*-38.00*	
		For >100, Deduct	*-58.47*	
08 14 23 16-0018	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	360.97	63.30
		For Structural Composite Lumber Core (SCLC), Add	*105.46*	
		For 5 Ply Construction, Add	*8.20*	
		For >25 To 50, Deduct	*-18.87*	
		For >50 To 100, Deduct	*-33.17*	
		For >100, Deduct	*-50.98*	
08 14 23 16-0019	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	360.97	63.30
		For Structural Composite Lumber Core (SCLC), Add	*105.46*	
		For 5 Ply Construction, Add	*8.20*	
		For >25 To 50, Deduct	*-18.87*	
		For >50 To 100, Deduct	*-33.17*	
		For >100, Deduct	*-50.98*	
08 14 23 16-0020	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	379.61	66.18
		For Structural Composite Lumber Core (SCLC), Add	*111.27*	
		For 5 Ply Construction, Add	*8.65*	
		For >25 To 50, Deduct	*-19.82*	
		For >50 To 100, Deduct	*-34.87*	
		For >100, Deduct	*-53.63*	
08 14 23 16-0021	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	392.50	66.18
		For Structural Composite Lumber Core (SCLC), Add	*117.07*	
		For 5 Ply Construction, Add	*9.11*	
		For >25 To 50, Deduct	*-20.33*	
		For >50 To 100, Deduct	*-36.00*	
		For >100, Deduct	*-55.57*	
08 14 23 16-0022	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	398.99	66.18
		For Structural Composite Lumber Core (SCLC), Add	*119.99*	
		For 5 Ply Construction, Add	*9.33*	
		For >25 To 50, Deduct	*-20.59*	
		For >50 To 100, Deduct	*-36.57*	
		For >100, Deduct	*-56.54*	
08 14 23 16-0023	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	411.23	69.05
		For Structural Composite Lumber Core (SCLC), Add	*122.90*	
		For 5 Ply Construction, Add	*9.56*	
		For >25 To 50, Deduct	*-21.28*	
		For >50 To 100, Deduct	*-37.71*	
		For >100, Deduct	*-58.23*	
08 14 23 16-0024	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	441.25	69.05
		For Structural Composite Lumber Core (SCLC), Add	*136.41*	
		For 5 Ply Construction, Add	*10.61*	
		For >25 To 50, Deduct	*-22.48*	
		For >50 To 100, Deduct	*-40.34*	
		For >100, Deduct	*-62.73*	
08 14 23 16-0025	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	466.40	71.93
		For Structural Composite Lumber Core (SCLC), Add	*145.14*	
		For 5 Ply Construction, Add	*11.29*	
		For >25 To 50, Deduct	*-23.69*	
		For >50 To 100, Deduct	*-42.61*	
		For >100, Deduct	*-66.36*	

08 14 23 16-0026 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Doors *(08 14 23 16)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0027	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	442.36	63.30
		For 5 Ply Construction, Add	*11.05*	
		For Stave Lumber Core (SLC), Add	*236.81*	
		For Structural Composite Lumber Core (SCLC), Add	*142.09*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*544.67*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*37.89*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*170.51*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*236.81*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*378.90*	
		For >25 To 50, Deduct	*-22.13*	
		For >50 To 100, Deduct	*-40.29*	
		For >100, Deduct	*-63.19*	
08 14 23 16-0028	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	442.34	63.30
		For 5 Ply Construction, Add	*11.05*	
		For Stave Lumber Core (SLC), Add	*236.80*	
		For Structural Composite Lumber Core (SCLC), Add	*142.08*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*544.63*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*37.89*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*170.49*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*236.80*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*378.88*	
		For >25 To 50, Deduct	*-22.12*	
		For >50 To 100, Deduct	*-40.29*	
		For >100, Deduct	*-63.19*	
08 14 23 16-0029	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	457.96	66.18
		For 5 Ply Construction, Add	*11.40*	
		For Stave Lumber Core (SLC), Add	*244.21*	
		For Structural Composite Lumber Core (SCLC), Add	*146.52*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*561.68*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.07*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*175.83*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*244.21*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*390.73*	
		For >25 To 50, Deduct	*-22.95*	
		For >50 To 100, Deduct	*-41.73*	
		For >100, Deduct	*-65.39*	
08 14 23 16-0030	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	457.96	66.18
		For 5 Ply Construction, Add	*11.40*	
		For Stave Lumber Core (SLC), Add	*244.21*	
		For Structural Composite Lumber Core (SCLC), Add	*146.52*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*561.68*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.07*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*175.83*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*244.21*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*390.73*	
		For >25 To 50, Deduct	*-22.95*	
		For >50 To 100, Deduct	*-41.73*	
		For >100, Deduct	*-65.39*	
08 14 23 16-0031	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	477.52	66.18
		For 5 Ply Construction, Add	*12.08*	
		For Stave Lumber Core (SLC), Add	*258.88*	
		For Structural Composite Lumber Core (SCLC), Add	*155.33*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*595.42*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*41.42*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*186.39*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*258.88*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*414.20*	
		For >25 To 50, Deduct	*-23.73*	
		For >50 To 100, Deduct	*-43.44*	
		For >100, Deduct	*-68.32*	
08 14 23 16-0032	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	502.83	69.05
		For 5 Ply Construction, Add	*12.77*	
		For Stave Lumber Core (SLC), Add	*273.54*	
		For Structural Composite Lumber Core (SCLC), Add	*164.12*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*629.14*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*43.77*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*196.95*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*273.54*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*437.66*	
		For >25 To 50, Deduct	*-24.95*	
		For >50 To 100, Deduct	*-45.72*	
		For >100, Deduct	*-71.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0033	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	522.82	69.05
		For 5 Ply Construction, Add	*13.46*	
		For Stave Lumber Core (SLC), Add	*288.53*	
		For Structural Composite Lumber Core (SCLC), Add	*173.12*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*663.62*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*46.17*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*207.74*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*288.53*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*461.65*	
		For >25 To 50, Deduct	*-25.75*	
		For >50 To 100, Deduct	*-47.47*	
		For >100, Deduct	*-74.97*	
08 14 23 16-0034	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	538.55	71.93
		For 5 Ply Construction, Add	*13.81*	
		For Stave Lumber Core (SLC), Add	*296.02*	
		For Structural Composite Lumber Core (SCLC), Add	*177.61*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*680.84*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.36*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*213.13*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*296.02*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*473.63*	
		For >25 To 50, Deduct	*-26.58*	
		For >50 To 100, Deduct	*-48.92*	
		For >100, Deduct	*-77.19*	
08 14 23 16-0035	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	558.28	71.93
		For 5 Ply Construction, Add	*14.50*	
		For Stave Lumber Core (SLC), Add	*310.82*	
		For Structural Composite Lumber Core (SCLC), Add	*186.49*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*714.87*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.73*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*223.79*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*310.82*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*497.30*	
		For >25 To 50, Deduct	*-27.37*	
		For >50 To 100, Deduct	*-50.65*	
		For >100, Deduct	*-80.15*	
08 14 23 16-0036	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	609.27	77.69
		For 5 Ply Construction, Add	*15.89*	
		For Stave Lumber Core (SLC), Add	*340.42*	
		For Structural Composite Lumber Core (SCLC), Add	*204.25*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*782.96*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*54.47*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*245.10*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*340.42*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*544.67*	
		For >25 To 50, Deduct	*-29.81*	
		For >50 To 100, Deduct	*-55.25*	
		For >100, Deduct	*-87.51*	
08 14 23 16-0037	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	460.74	63.30
		For 5 Ply Construction, Add	*11.69*	
		For Stave Lumber Core (SLC), Add	*250.60*	
		For Structural Composite Lumber Core (SCLC), Add	*150.36*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*576.37*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*40.10*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*180.43*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*250.60*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*400.96*	
		For >25 To 50, Deduct	*-22.86*	
		For >50 To 100, Deduct	*-41.90*	
		For >100, Deduct	*-65.95*	
08 14 23 16-0038	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	460.72	63.30
		For 5 Ply Construction, Add	*11.69*	
		For Stave Lumber Core (SLC), Add	*250.58*	
		For Structural Composite Lumber Core (SCLC), Add	*150.35*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*576.34*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*40.09*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*180.42*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*250.58*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*400.93*	
		For >25 To 50, Deduct	*-22.86*	
		For >50 To 100, Deduct	*-41.90*	
		For >100, Deduct	*-65.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0039	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	476.92	66.18
		For 5 Ply Construction, Add	*12.06*	
		For Stave Lumber Core (SLC), Add	*258.43*	
		For Structural Composite Lumber Core (SCLC), Add	*155.06*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*594.38*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*41.35*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*186.07*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*258.43*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*413.48*	
		For >25 To 50, Deduct	*-23.71*	
		For >50 To 100, Deduct	*-43.38*	
		For >100, Deduct	*-68.23*	
08 14 23 16-0040	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	476.92	66.18
		For 5 Ply Construction, Add	*12.06*	
		For Stave Lumber Core (SLC), Add	*258.43*	
		For Structural Composite Lumber Core (SCLC), Add	*155.06*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*594.38*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*41.35*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*186.07*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*258.43*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*413.48*	
		For >25 To 50, Deduct	*-23.71*	
		For >50 To 100, Deduct	*-43.38*	
		For >100, Deduct	*-68.23*	
08 14 23 16-0041	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	497.61	66.18
		For 5 Ply Construction, Add	*12.78*	
		For Stave Lumber Core (SLC), Add	*273.95*	
		For Structural Composite Lumber Core (SCLC), Add	*164.37*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*630.07*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*43.83*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*197.24*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*273.95*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*438.31*	
		For >25 To 50, Deduct	*-24.54*	
		For >50 To 100, Deduct	*-45.20*	
		For >100, Deduct	*-71.33*	
08 14 23 16-0042	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	524.07	69.05
		For 5 Ply Construction, Add	*13.51*	
		For Stave Lumber Core (SLC), Add	*289.47*	
		For Structural Composite Lumber Core (SCLC), Add	*173.68*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*665.78*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*46.32*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*208.42*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*289.47*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*463.15*	
		For >25 To 50, Deduct	*-25.80*	
		For >50 To 100, Deduct	*-47.58*	
		For >100, Deduct	*-75.16*	
08 14 23 16-0043	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	545.20	69.05
		For 5 Ply Construction, Add	*14.25*	
		For Stave Lumber Core (SLC), Add	*305.32*	
		For Structural Composite Lumber Core (SCLC), Add	*183.19*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*702.23*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*48.85*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*219.83*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*305.32*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*488.51*	
		For >25 To 50, Deduct	*-26.64*	
		For >50 To 100, Deduct	*-49.43*	
		For >100, Deduct	*-78.33*	
08 14 23 16-0044	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	561.52	71.93
		For 5 Ply Construction, Add	*14.62*	
		For Stave Lumber Core (SLC), Add	*313.25*	
		For Structural Composite Lumber Core (SCLC), Add	*187.95*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*720.46*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*50.12*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*225.54*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*313.25*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*501.19*	
		For >25 To 50, Deduct	*-27.50*	
		For >50 To 100, Deduct	*-50.93*	
		For >100, Deduct	*-80.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0045	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	582.40	71.93
		For 5 Ply Construction, Add	*15.35*	
		For Stave Lumber Core (SLC), Add	*328.91*	
		For Structural Composite Lumber Core (SCLC), Add	*197.34*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*756.48*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*52.62*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*236.81*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*328.91*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*526.25*	
		For >25 To 50, Deduct	*-28.33*	
		For >50 To 100, Deduct	*-52.76*	
		For >100, Deduct	*-83.76*	
08 14 23 16-0046	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	635.68	77.69
		For 5 Ply Construction, Add	*16.81*	
		For Stave Lumber Core (SLC), Add	*360.23*	
		For Structural Composite Lumber Core (SCLC), Add	*216.14*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*828.52*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*57.64*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*259.36*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*360.23*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*576.36*	
		For >25 To 50, Deduct	*-30.87*	
		For >50 To 100, Deduct	*-57.56*	
		For >100, Deduct	*-91.47*	
08 14 23 16-0047	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	525.90	63.30
		For 5 Ply Construction, Add	*13.98*	
		For Stave Lumber Core (SLC), Add	*299.47*	
		For Structural Composite Lumber Core (SCLC), Add	*179.68*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*688.78*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.91*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*215.62*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*299.47*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*479.15*	
		For >25 To 50, Deduct	*-25.47*	
		For >50 To 100, Deduct	*-47.60*	
		For >100, Deduct	*-75.72*	
08 14 23 16-0048	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	525.88	63.30
		For 5 Ply Construction, Add	*13.97*	
		For Stave Lumber Core (SLC), Add	*299.45*	
		For Structural Composite Lumber Core (SCLC), Add	*179.67*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*688.74*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.91*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*215.61*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*299.45*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*479.12*	
		For >25 To 50, Deduct	*-25.47*	
		For >50 To 100, Deduct	*-47.60*	
		For >100, Deduct	*-75.72*	
08 14 23 16-0049	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	544.11	66.18
		For 5 Ply Construction, Add	*14.41*	
		For Stave Lumber Core (SLC), Add	*308.82*	
		For Structural Composite Lumber Core (SCLC), Add	*185.29*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*710.29*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.41*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*222.35*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*308.82*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*494.11*	
		For >25 To 50, Deduct	*-26.40*	
		For >50 To 100, Deduct	*-49.26*	
		For >100, Deduct	*-78.31*	
08 14 23 16-0050	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	544.11	66.18
		For 5 Ply Construction, Add	*14.41*	
		For Stave Lumber Core (SLC), Add	*308.82*	
		For Structural Composite Lumber Core (SCLC), Add	*185.29*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*710.29*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.41*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*222.35*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*308.82*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*494.11*	
		For >25 To 50, Deduct	*-26.40*	
		For >50 To 100, Deduct	*-49.26*	
		For >100, Deduct	*-78.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0051	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	568.83	66.18
		For 5 Ply Construction, Add	*15.28*	
		For Stave Lumber Core (SLC), Add	*327.36*	
		For Structural Composite Lumber Core (SCLC), Add	*196.42*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*752.93*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*52.38*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*235.70*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*327.36*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*523.78*	
		For >25 To 50, Deduct	*-27.39*	
		For >50 To 100, Deduct	*-51.43*	
		For >100, Deduct	*-82.02*	
08 14 23 16-0052	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	599.33	69.05
		For 5 Ply Construction, Add	*16.14*	
		For Stave Lumber Core (SLC), Add	*345.92*	
		For Structural Composite Lumber Core (SCLC), Add	*207.55*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*795.60*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*55.35*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*249.06*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*345.92*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*553.46*	
		For >25 To 50, Deduct	*-28.81*	
		For >50 To 100, Deduct	*-54.17*	
		For >100, Deduct	*-86.45*	
08 14 23 16-0053	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	624.58	69.05
		For 5 Ply Construction, Add	*17.03*	
		For Stave Lumber Core (SLC), Add	*364.85*	
		For Structural Composite Lumber Core (SCLC), Add	*218.91*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*839.16*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*58.38*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*262.69*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*364.85*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*583.76*	
		For >25 To 50, Deduct	*-29.82*	
		For >50 To 100, Deduct	*-56.38*	
		For >100, Deduct	*-90.23*	
08 14 23 16-0054	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	642.96	71.93
		For 5 Ply Construction, Add	*17.47*	
		For Stave Lumber Core (SLC), Add	*374.33*	
		For Structural Composite Lumber Core (SCLC), Add	*224.60*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*860.95*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*59.89*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*269.51*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*374.33*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*598.92*	
		For >25 To 50, Deduct	*-30.75*	
		For >50 To 100, Deduct	*-58.06*	
		For >100, Deduct	*-92.85*	
08 14 23 16-0055	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	667.90	71.93
		For 5 Ply Construction, Add	*18.34*	
		For Stave Lumber Core (SLC), Add	*393.03*	
		For Structural Composite Lumber Core (SCLC), Add	*235.82*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*903.97*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*62.88*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*282.98*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*393.03*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*628.85*	
		For >25 To 50, Deduct	*-31.75*	
		For >50 To 100, Deduct	*-60.24*	
		For >100, Deduct	*-96.59*	
08 14 23 16-0056	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	729.34	77.69
		For 5 Ply Construction, Add	*20.09*	
		For Stave Lumber Core (SLC), Add	*430.47*	
		For Structural Composite Lumber Core (SCLC), Add	*258.28*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*990.08*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*68.88*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*309.94*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*430.47*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*688.75*	
		For >25 To 50, Deduct	*-34.61*	
		For >50 To 100, Deduct	*-65.76*	
		For >100, Deduct	*-105.52*	

08 14 23 19 Molded-Hardboard-Faced Wood Doors *(08 14 23)*

08 14 23 19-0001 1-3/8" Thick, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Doors *(08 14 23 19)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0002	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	224.22	63.30
		For >25 To 50, Deduct	*-13.40*	
		For >50 To 100, Deduct	*-21.20*	
		For >100, Deduct	*-30.47*	
08 14 23 19-0003	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	224.22	63.30
		For >25 To 50, Deduct	*-13.40*	
		For >50 To 100, Deduct	*-21.20*	
		For >100, Deduct	*-30.47*	
08 14 23 19-0004	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	237.08	66.18
		For >25 To 50, Deduct	*-14.12*	
		For >50 To 100, Deduct	*-22.40*	
		For >100, Deduct	*-32.25*	
08 14 23 19-0005	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	240.47	66.18
		For >25 To 50, Deduct	*-14.25*	
		For >50 To 100, Deduct	*-22.70*	
		For >100, Deduct	*-32.76*	
08 14 23 19-0006	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	243.83	66.18
		For >25 To 50, Deduct	*-14.39*	
		For >50 To 100, Deduct	*-22.99*	
		For >100, Deduct	*-33.27*	
08 14 23 19-0007	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	252.98	69.05
		For >25 To 50, Deduct	*-14.95*	
		For >50 To 100, Deduct	*-23.86*	
		For >100, Deduct	*-34.49*	
08 14 23 19-0008	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	265.60	69.05
		For >25 To 50, Deduct	*-15.46*	
		For >50 To 100, Deduct	*-24.97*	
		For >100, Deduct	*-36.39*	
08 14 23 19-0009	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	279.52	71.93
		For >25 To 50, Deduct	*-16.22*	
		For >50 To 100, Deduct	*-26.26*	
		For >100, Deduct	*-38.33*	
08 14 23 19-0010	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	229.90	63.30
		For >25 To 50, Deduct	*-13.63*	
		For >50 To 100, Deduct	*-21.70*	
		For >100, Deduct	*-31.32*	
08 14 23 19-0011	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	229.90	63.30
		For >25 To 50, Deduct	*-13.63*	
		For >50 To 100, Deduct	*-21.70*	
		For >100, Deduct	*-31.32*	
08 14 23 19-0012	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	243.18	66.18
		For >25 To 50, Deduct	*-14.36*	
		For >50 To 100, Deduct	*-22.93*	
		For >100, Deduct	*-33.17*	
08 14 23 19-0013	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	246.75	66.18
		For >25 To 50, Deduct	*-14.50*	
		For >50 To 100, Deduct	*-23.25*	
		For >100, Deduct	*-33.70*	
08 14 23 19-0014	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	250.32	66.18
		For >25 To 50, Deduct	*-14.65*	
		For >50 To 100, Deduct	*-23.56*	
		For >100, Deduct	*-34.24*	
08 14 23 19-0015	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	259.66	69.05
		For >25 To 50, Deduct	*-15.22*	
		For >50 To 100, Deduct	*-24.45*	
		For >100, Deduct	*-35.50*	
08 14 23 19-0016	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	273.01	69.05
		For >25 To 50, Deduct	*-15.75*	
		For >50 To 100, Deduct	*-25.61*	
		For >100, Deduct	*-37.50*	
08 14 23 19-0017	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	287.40	71.93
		For >25 To 50, Deduct	*-16.53*	
		For >50 To 100, Deduct	*-26.95*	
		For >100, Deduct	*-39.51*	
08 14 23 19-0018	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	250.05	63.30
		For >25 To 50, Deduct	*-14.43*	
		For >50 To 100, Deduct	*-23.46*	
		For >100, Deduct	*-34.34*	
08 14 23 19-0019	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	250.05	63.30
		For >25 To 50, Deduct	*-14.43*	
		For >50 To 100, Deduct	*-23.46*	
		For >100, Deduct	*-34.34*	
08 14 23 19-0020	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	264.80	66.18
		For >25 To 50, Deduct	*-15.22*	
		For >50 To 100, Deduct	*-24.82*	
		For >100, Deduct	*-36.41*	
08 14 23 19-0021	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	269.06	66.18
		For >25 To 50, Deduct	*-15.39*	
		For >50 To 100, Deduct	*-25.20*	
		For >100, Deduct	*-37.05*	
08 14 23 19-0022	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	273.34	66.18
		For >25 To 50, Deduct	*-15.57*	
		For >50 To 100, Deduct	*-25.57*	
		For >100, Deduct	*-37.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0023	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	283.36	69.05
		For >25 To 50, Deduct	*-16.17*	
		For >50 To 100, Deduct	*-26.52*	
		For >100, Deduct	*-39.05*	
08 14 23 19-0024	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	299.31	69.05
		For >25 To 50, Deduct	*-16.81*	
		For >50 To 100, Deduct	*-27.92*	
		For >100, Deduct	*-41.44*	
08 14 23 19-0025	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	315.38	71.93
		For >25 To 50, Deduct	*-17.65*	
		For >50 To 100, Deduct	*-29.39*	
		For >100, Deduct	*-43.71*	

08 14 23 19-0026 1-3/4" Thick, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Doors *(08 14 23 19)*

08 14 23 19-0027	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	248.24	63.30
		For >25 To 50, Deduct	*-14.36*	
		For >50 To 100, Deduct	*-23.30*	
		For >100, Deduct	*-34.07*	
08 14 23 19-0028	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	248.24	63.30
		For >25 To 50, Deduct	*-14.36*	
		For >50 To 100, Deduct	*-23.30*	
		For >100, Deduct	*-34.07*	
08 14 23 19-0029	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	257.34	66.18
		For >25 To 50, Deduct	*-14.93*	
		For >50 To 100, Deduct	*-24.17*	
		For >100, Deduct	*-35.29*	
08 14 23 19-0030	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	264.12	66.18
		For >25 To 50, Deduct	*-15.20*	
		For >50 To 100, Deduct	*-24.76*	
		For >100, Deduct	*-36.31*	
08 14 23 19-0031	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	267.51	66.18
		For >25 To 50, Deduct	*-15.33*	
		For >50 To 100, Deduct	*-25.06*	
		For >100, Deduct	*-36.82*	
08 14 23 19-0032	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	276.61	69.05
		For >25 To 50, Deduct	*-15.90*	
		For >50 To 100, Deduct	*-25.93*	
		For >100, Deduct	*-38.04*	
08 14 23 19-0033	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	284.33	69.05
		For >25 To 50, Deduct	*-16.21*	
		For >50 To 100, Deduct	*-26.61*	
		For >100, Deduct	*-39.20*	
08 14 23 19-0034	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	315.20	71.93
		For >25 To 50, Deduct	*-17.64*	
		For >50 To 100, Deduct	*-29.38*	
		For >100, Deduct	*-43.68*	
08 14 23 19-0035	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	323.76	71.93
		For >25 To 50, Deduct	*-17.99*	
		For >50 To 100, Deduct	*-30.13*	
		For >100, Deduct	*-44.97*	
08 14 23 19-0036	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	340.92	71.93
		For >25 To 50, Deduct	*-18.67*	
		For >50 To 100, Deduct	*-31.63*	
		For >100, Deduct	*-47.54*	
08 14 23 19-0037	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	255.30	63.30
		For >25 To 50, Deduct	*-14.64*	
		For >50 To 100, Deduct	*-23.92*	
		For >100, Deduct	*-35.13*	
08 14 23 19-0038	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	255.30	63.30
		For >25 To 50, Deduct	*-14.64*	
		For >50 To 100, Deduct	*-23.92*	
		For >100, Deduct	*-35.13*	
08 14 23 19-0039	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	264.62	66.18
		For >25 To 50, Deduct	*-15.22*	
		For >50 To 100, Deduct	*-24.81*	
		For >100, Deduct	*-36.38*	
08 14 23 19-0040	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	271.79	66.18
		For >25 To 50, Deduct	*-15.50*	
		For >50 To 100, Deduct	*-25.44*	
		For >100, Deduct	*-37.46*	
08 14 23 19-0041	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	275.36	66.18
		For >25 To 50, Deduct	*-15.65*	
		For >50 To 100, Deduct	*-25.75*	
		For >100, Deduct	*-38.00*	
08 14 23 19-0042	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	284.67	69.05
		For >25 To 50, Deduct	*-16.22*	
		For >50 To 100, Deduct	*-26.64*	
		For >100, Deduct	*-39.25*	
08 14 23 19-0043	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	292.84	69.05
		For >25 To 50, Deduct	*-16.55*	
		For >50 To 100, Deduct	*-27.35*	
		For >100, Deduct	*-40.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0044	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	325.18	71.93
		For >25 To 50, Deduct	*-18.04*	
		For >50 To 100, Deduct	*-30.25*	
		For >100, Deduct	*-45.18*	
08 14 23 19-0045	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	334.25	71.93
		For >25 To 50, Deduct	*-18.41*	
		For >50 To 100, Deduct	*-31.05*	
		For >100, Deduct	*-46.54*	
08 14 23 19-0046	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	352.38	71.93
		For >25 To 50, Deduct	*-19.13*	
		For >50 To 100, Deduct	*-32.63*	
		For >100, Deduct	*-49.26*	
08 14 23 19-0047	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	280.40	63.30
		For >25 To 50, Deduct	*-15.65*	
		For >50 To 100, Deduct	*-26.12*	
		For >100, Deduct	*-38.89*	
08 14 23 19-0048	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	280.40	63.30
		For >25 To 50, Deduct	*-15.65*	
		For >50 To 100, Deduct	*-26.12*	
		For >100, Deduct	*-38.89*	
08 14 23 19-0049	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	290.42	66.18
		For >25 To 50, Deduct	*-16.25*	
		For >50 To 100, Deduct	*-27.07*	
		For >100, Deduct	*-40.25*	
08 14 23 19-0050	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	298.99	66.18
		For >25 To 50, Deduct	*-16.59*	
		For >50 To 100, Deduct	*-27.82*	
		For >100, Deduct	*-41.54*	
08 14 23 19-0051	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	303.24	66.18
		For >25 To 50, Deduct	*-16.76*	
		For >50 To 100, Deduct	*-28.19*	
		For >100, Deduct	*-42.18*	
08 14 23 19-0052	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	313.26	69.05
		For >25 To 50, Deduct	*-17.36*	
		For >50 To 100, Deduct	*-29.14*	
		For >100, Deduct	*-43.54*	
08 14 23 19-0053	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	323.01	69.05
		For >25 To 50, Deduct	*-17.75*	
		For >50 To 100, Deduct	*-29.99*	
		For >100, Deduct	*-45.00*	
08 14 23 19-0054	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	360.55	71.93
		For >25 To 50, Deduct	*-19.46*	
		For >50 To 100, Deduct	*-33.35*	
		For >100, Deduct	*-50.49*	
08 14 23 19-0055	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	371.38	71.93
		For >25 To 50, Deduct	*-19.89*	
		For >50 To 100, Deduct	*-34.29*	
		For >100, Deduct	*-52.11*	
08 14 23 19-0056	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	393.05	71.93
		For >25 To 50, Deduct	*-20.76*	
		For >50 To 100, Deduct	*-36.19*	
		For >100, Deduct	*-55.36*	

08 14 23 19-0057 1-3/8" Thick, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Doors *(08 14 23 19)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 23 19-0058	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	267.87	63.30
		For >25 To 50, Deduct	*-15.15*	
		For >50 To 100, Deduct	*-25.02*	
		For >100, Deduct	*-37.02*	
08 14 23 19-0059	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	267.87	63.30
		For >25 To 50, Deduct	*-15.15*	
		For >50 To 100, Deduct	*-25.02*	
		For >100, Deduct	*-37.02*	
08 14 23 19-0060	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	281.82	66.18
		For >25 To 50, Deduct	*-15.91*	
		For >50 To 100, Deduct	*-26.31*	
		For >100, Deduct	*-38.96*	
08 14 23 19-0061	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	290.00	66.18
		For >25 To 50, Deduct	*-16.23*	
		For >50 To 100, Deduct	*-27.03*	
		For >100, Deduct	*-40.19*	
08 14 23 19-0062	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	291.50	66.18
		For >25 To 50, Deduct	*-16.29*	
		For >50 To 100, Deduct	*-27.16*	
		For >100, Deduct	*-40.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0063	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	298.79	69.05
		For >25 To 50, Deduct	*-16.79*	
		For >50 To 100, Deduct	*-27.87*	
		For >100, Deduct	*-41.37*	
08 14 23 19-0064	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	316.52	69.05
		For >25 To 50, Deduct	*-17.49*	
		For >50 To 100, Deduct	*-29.42*	
		For >100, Deduct	*-44.03*	
08 14 23 19-0065	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	354.58	71.93
		For >25 To 50, Deduct	*-19.22*	
		For >50 To 100, Deduct	*-32.82*	
		For >100, Deduct	*-49.59*	
08 14 23 19-0066	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	276.11	63.30
		For >25 To 50, Deduct	*-15.48*	
		For >50 To 100, Deduct	*-25.74*	
		For >100, Deduct	*-38.25*	
08 14 23 19-0067	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	276.11	63.30
		For >25 To 50, Deduct	*-15.48*	
		For >50 To 100, Deduct	*-25.74*	
		For >100, Deduct	*-38.25*	
08 14 23 19-0068	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	290.52	66.18
		For >25 To 50, Deduct	*-16.25*	
		For >50 To 100, Deduct	*-27.07*	
		For >100, Deduct	*-40.27*	
08 14 23 19-0069	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	299.17	66.18
		For >25 To 50, Deduct	*-16.60*	
		For >50 To 100, Deduct	*-27.83*	
		For >100, Deduct	*-41.57*	
08 14 23 19-0070	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	300.78	66.18
		For >25 To 50, Deduct	*-16.66*	
		For >50 To 100, Deduct	*-27.97*	
		For >100, Deduct	*-41.81*	
08 14 23 19-0071	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	308.14	69.05
		For >25 To 50, Deduct	*-17.16*	
		For >50 To 100, Deduct	*-28.69*	
		For >100, Deduct	*-42.77*	
08 14 23 19-0072	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	326.91	69.05
		For >25 To 50, Deduct	*-17.91*	
		For >50 To 100, Deduct	*-30.33*	
		For >100, Deduct	*-45.58*	
08 14 23 19-0073	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	366.86	71.93
		For >25 To 50, Deduct	*-19.71*	
		For >50 To 100, Deduct	*-33.90*	
		For >100, Deduct	*-51.43*	
08 14 23 19-0074	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	305.26	63.30
		For >25 To 50, Deduct	*-16.64*	
		For >50 To 100, Deduct	*-28.29*	
		For >100, Deduct	*-42.62*	
08 14 23 19-0075	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	305.26	63.30
		For >25 To 50, Deduct	*-16.64*	
		For >50 To 100, Deduct	*-28.29*	
		For >100, Deduct	*-42.62*	
08 14 23 19-0076	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	321.37	66.18
		For >25 To 50, Deduct	*-17.49*	
		For >50 To 100, Deduct	*-29.77*	
		For >100, Deduct	*-44.90*	
08 14 23 19-0077	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	331.70	66.18
		For >25 To 50, Deduct	*-17.90*	
		For >50 To 100, Deduct	*-30.68*	
		For >100, Deduct	*-46.45*	
08 14 23 19-0078	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	333.61	66.18
		For >25 To 50, Deduct	*-17.98*	
		For >50 To 100, Deduct	*-30.85*	
		For >100, Deduct	*-46.73*	
08 14 23 19-0079	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	341.31	69.05
		For >25 To 50, Deduct	*-18.49*	
		For >50 To 100, Deduct	*-31.59*	
		For >100, Deduct	*-47.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0080	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	363.72	69.05
		For >25 To 50, Deduct	*-19.38*	
		For >50 To 100, Deduct	*-33.55*	
		For >100, Deduct	*-51.11*	
08 14 23 19-0081	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	410.35	71.93
		For >25 To 50, Deduct	*-21.45*	
		For >50 To 100, Deduct	*-37.70*	
		For >100, Deduct	*-57.96*	

08 14 23 19-0082 1-3/4" Thick, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Doors *(08 14 23 19)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 23 19-0083	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	304.12	63.30
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*306.20*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*21.30*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*95.86*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*133.13*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*213.01*	
		For >25 To 50, Deduct	*-16.60*	
		For >50 To 100, Deduct	*-28.19*	
		For >100, Deduct	*-42.45*	
08 14 23 19-0084	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	304.12	63.30
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*306.20*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*21.30*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*95.86*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*133.13*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*213.01*	
		For >25 To 50, Deduct	*-16.60*	
		For >50 To 100, Deduct	*-28.19*	
		For >100, Deduct	*-42.45*	
08 14 23 19-0085	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	320.14	66.18
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*323.94*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.53*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*101.41*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*140.84*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*225.35*	
		For >25 To 50, Deduct	*-17.44*	
		For >50 To 100, Deduct	*-29.67*	
		For >100, Deduct	*-44.71*	
08 14 23 19-0086	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	330.39	66.18
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*341.62*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.76*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*106.94*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*148.53*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*237.65*	
		For >25 To 50, Deduct	*-17.85*	
		For >50 To 100, Deduct	*-30.56*	
		For >100, Deduct	*-46.25*	
08 14 23 19-0087	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	332.30	66.18
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*344.91*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.99*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*107.97*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*149.96*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*239.94*	
		For >25 To 50, Deduct	*-17.92*	
		For >50 To 100, Deduct	*-30.73*	
		For >100, Deduct	*-46.54*	
08 14 23 19-0088	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	340.00	69.05
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*348.26*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.23*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*109.02*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*151.42*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*242.27*	
		For >25 To 50, Deduct	*-18.43*	
		For >50 To 100, Deduct	*-31.48*	
		For >100, Deduct	*-47.55*	
08 14 23 19-0089	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	362.25	69.05
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*386.64*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.90*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*121.04*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*168.11*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*268.97*	
		For >25 To 50, Deduct	*-19.32*	
		For >50 To 100, Deduct	*-33.42*	
		For >100, Deduct	*-50.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0090	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	408.63	71.93
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*456.73*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.77*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*142.98*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*198.58*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*317.72*	
		For >25 To 50, Deduct	*-21.38*	
		For >50 To 100, Deduct	*-37.55*	
		For >100, Deduct	*-57.70*	
08 14 23 19-0091	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	421.89	71.93
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*479.60*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*33.36*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*150.14*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*208.52*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*333.64*	
		For >25 To 50, Deduct	*-21.91*	
		For >50 To 100, Deduct	*-38.71*	
		For >100, Deduct	*-59.69*	
08 14 23 19-0092	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	448.34	71.93
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*525.23*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.54*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*164.42*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*228.36*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*365.38*	
		For >25 To 50, Deduct	*-22.97*	
		For >50 To 100, Deduct	*-41.03*	
		For >100, Deduct	*-63.65*	
08 14 23 19-0093	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	314.45	63.30
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*324.02*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.54*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*101.43*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*140.88*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*225.41*	
		For >25 To 50, Deduct	*-17.01*	
		For >50 To 100, Deduct	*-29.10*	
		For >100, Deduct	*-44.00*	
08 14 23 19-0094	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	314.45	63.30
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*324.02*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.54*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*101.43*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*140.88*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*225.41*	
		For >25 To 50, Deduct	*-17.01*	
		For >50 To 100, Deduct	*-29.10*	
		For >100, Deduct	*-44.00*	
08 14 23 19-0095	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	331.07	66.18
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*342.79*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.85*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*107.31*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*149.04*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*238.46*	
		For >25 To 50, Deduct	*-17.88*	
		For >50 To 100, Deduct	*-30.62*	
		For >100, Deduct	*-46.35*	
08 14 23 19-0096	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	341.93	66.18
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*361.53*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.15*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*113.17*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*157.19*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*251.50*	
		For >25 To 50, Deduct	*-18.31*	
		For >50 To 100, Deduct	*-31.57*	
		For >100, Deduct	*-47.98*	
08 14 23 19-0097	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	343.95	66.18
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*365.01*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.39*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*114.26*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*158.70*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*253.92*	
		For >25 To 50, Deduct	*-18.39*	
		For >50 To 100, Deduct	*-31.75*	
		For >100, Deduct	*-48.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0098	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	351.75	69.05
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*368.53*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.64*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*115.37*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*160.23*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*256.37*	
		For >25 To 50, Deduct	*-18.90*	
		For >50 To 100, Deduct	*-32.50*	
		For >100, Deduct	*-49.31*	
08 14 23 19-0099	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	375.29	69.05
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*409.14*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.46*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*128.08*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*177.89*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*284.62*	
		For >25 To 50, Deduct	*-19.85*	
		For >50 To 100, Deduct	*-34.56*	
		For >100, Deduct	*-52.84*	
08 14 23 19-0100	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	424.04	71.93
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*483.31*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*33.62*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*151.30*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*210.14*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*336.22*	
		For >25 To 50, Deduct	*-22.00*	
		For >50 To 100, Deduct	*-38.90*	
		For >100, Deduct	*-60.01*	
08 14 23 19-0101	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	438.06	71.93
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*507.50*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*35.30*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*158.87*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*220.65*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*353.04*	
		For >25 To 50, Deduct	*-22.56*	
		For >50 To 100, Deduct	*-40.13*	
		For >100, Deduct	*-62.11*	
08 14 23 19-0102	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	466.07	71.93
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*555.81*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*38.67*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*173.99*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*241.66*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*386.65*	
		For >25 To 50, Deduct	*-23.68*	
		For >50 To 100, Deduct	*-42.58*	
		For >100, Deduct	*-66.31*	
08 14 23 19-0103	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	351.08	63.30
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*387.21*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.94*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*121.21*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*168.35*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*269.36*	
		For >25 To 50, Deduct	*-18.47*	
		For >50 To 100, Deduct	*-32.30*	
		For >100, Deduct	*-49.50*	
08 14 23 19-0104	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	351.08	63.30
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*387.21*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.94*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*121.21*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*168.35*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*269.36*	
		For >25 To 50, Deduct	*-18.47*	
		For >50 To 100, Deduct	*-32.30*	
		For >100, Deduct	*-49.50*	
08 14 23 19-0105	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	369.83	66.18
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*409.65*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.50*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*128.24*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*178.11*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*284.98*	
		For >25 To 50, Deduct	*-19.43*	
		For >50 To 100, Deduct	*-34.01*	
		For >100, Deduct	*-52.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0106	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	382.81	66.18
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*432.04*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.06*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*135.25*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*187.85*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*300.55*	
		For >25 To 50, Deduct	*-19.94*	
		For >50 To 100, Deduct	*-35.15*	
		For >100, Deduct	*-54.11*	
08 14 23 19-0107	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	385.21	66.18
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*436.18*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.34*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*136.54*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*189.65*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*303.43*	
		For >25 To 50, Deduct	*-20.04*	
		For >50 To 100, Deduct	*-35.36*	
		For >100, Deduct	*-54.47*	
08 14 23 19-0108	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	393.42	69.05
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*440.41*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.64*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*137.87*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*191.48*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*306.37*	
		For >25 To 50, Deduct	*-20.57*	
		For >50 To 100, Deduct	*-36.15*	
		For >100, Deduct	*-55.56*	
08 14 23 19-0109	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	421.54	69.05
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*488.92*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*34.01*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*153.05*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*212.57*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*340.12*	
		For >25 To 50, Deduct	*-21.70*	
		For >50 To 100, Deduct	*-38.61*	
		For >100, Deduct	*-59.78*	
08 14 23 19-0110	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	478.67	71.93
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*577.55*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*40.18*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*180.80*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*251.11*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*401.77*	
		For >25 To 50, Deduct	*-24.18*	
		For >50 To 100, Deduct	*-43.68*	
		For >100, Deduct	*-68.20*	
08 14 23 19-0111	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	495.44	71.93
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*606.48*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.19*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*189.85*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*263.69*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*421.90*	
		For >25 To 50, Deduct	*-24.85*	
		For >50 To 100, Deduct	*-45.15*	
		For >100, Deduct	*-70.72*	
08 14 23 19-0112	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	528.90	71.93
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Solid Core, Add	*664.19*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*46.20*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*207.92*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*288.78*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*462.05*	
		For >25 To 50, Deduct	*-26.19*	
		For >50 To 100, Deduct	*-48.08*	
		For >100, Deduct	*-75.74*	

08 14 66 Wood Screen Doors *(08 14)*

08 14 66 00-0001 Wood Screen Storm Door, Residential Grade *(08 14 66)*

Note: Includes frame, trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).

08 14 66 00-0002	EA	2'-8" x 6'-8" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware	499.63	165.74
08 14 66 00-0003	EA	3' x 6'-8" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware	525.20	184.15
08 14 66 00-0004	EA	2'-8" x 7" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware	499.63	165.74
08 14 66 00-0005	EA	3' x 7' x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware	525.20	184.15

08 14 73 Sliding Wood Doors *(08 14)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0001		**Sliding Pocket Door** *(08 14 73)* Note: Includes unfinished door, frame and trim, and all mounting and door hardware. See CSI section 08 14 73 00-0055 for accessories to be added.		
08 14 73 00-0002		**Birch Faced Pocket Door** *(08 14 73 00-0001)* Note: Includes door, frame and trim, and all mounting and door hardware.		
08 14 73 00-0003		**1-3/8" Thick, Birch Faced Wood Pocket Door** *(08 14 73 00-0002)* See CSI section 08 14 73 00-0055 for all jambs and track hardware.		
08 14 73 00-0004		**6'-8" High, 1-3/8" Thick, Birch Faced Wood Pocket Door** *(08 14 73 00-0003)*		
08 14 73 00-0005	EA	2'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	514.09	40.28
		For Oak, Add	*119.66*	
		For Ash/Hickory, Add	*174.28*	
		For Walnut, Add	*254.05*	
		For Cherry, Add	*413.16*	
08 14 73 00-0006	EA	2'-4" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	530.36	43.16
		For Oak, Add	*122.56*	
		For Ash/Hickory, Add	*178.51*	
		For Walnut, Add	*260.21*	
		For Cherry, Add	*423.18*	
08 14 73 00-0007	EA	2'-6" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	549.22	46.04
		For Oak, Add	*126.18*	
		For Ash/Hickory, Add	*183.79*	
		For Walnut, Add	*267.91*	
		For Cherry, Add	*435.69*	
08 14 73 00-0008	EA	2'-8" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	562.87	48.92
		For Oak, Add	*128.36*	
		For Ash/Hickory, Add	*186.96*	
		For Walnut, Add	*272.53*	
		For Cherry, Add	*443.21*	
08 14 73 00-0009	EA	2'-10" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	581.77	51.80
		For Oak, Add	*131.98*	
		For Ash/Hickory, Add	*192.24*	
		For Walnut, Add	*280.23*	
		For Cherry, Add	*455.72*	
08 14 73 00-0010	EA	3'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	598.04	54.67
		For Oak, Add	*134.89*	
		For Ash/Hickory, Add	*196.47*	
		For Walnut, Add	*286.39*	
		For Cherry, Add	*465.75*	
08 14 73 00-0011	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,010.94	71.93
		For Oak, Add	*239.31*	
		For Ash/Hickory, Add	*348.57*	
		For Walnut, Add	*508.11*	
		For Cherry, Add	*826.33*	
08 14 73 00-0012	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,069.73	77.69
		For Oak, Add	*252.37*	
		For Ash/Hickory, Add	*367.58*	
		For Walnut, Add	*535.82*	
		For Cherry, Add	*871.39*	
08 14 73 00-0013	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,144.32	83.44
		For Oak, Add	*269.77*	
		For Ash/Hickory, Add	*392.93*	
		For Walnut, Add	*572.77*	
		For Cherry, Add	*931.49*	
08 14 73 00-0014		**7' High, 1-3/8" Thick Birch Faced Wood Pocket Door** *(08 14 73 00-0003)*		
08 14 73 00-0015	EA	2'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	606.05	40.28
		For Oak, Add	*122.97*	
		For Ash/Hickory, Add	*122.97*	
		For Walnut, Add	*202.32*	
		For Cherry, Add	*379.94*	
08 14 73 00-0016	EA	2'-4" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	635.46	43.16
		For Oak, Add	*128.50*	
		For Ash/Hickory, Add	*128.50*	
		For Walnut, Add	*211.42*	
		For Cherry, Add	*397.04*	
08 14 73 00-0017	EA	2'-6" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	656.95	46.04
		For Oak, Add	*132.19*	
		For Ash/Hickory, Add	*132.19*	
		For Walnut, Add	*217.49*	
		For Cherry, Add	*408.43*	
08 14 73 00-0018	EA	2'-8" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	675.85	48.92
		For Oak, Add	*135.26*	
		For Ash/Hickory, Add	*135.26*	
		For Walnut, Add	*222.55*	
		For Cherry, Add	*417.93*	
08 14 73 00-0019	EA	2'-10" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	692.13	51.80
		For Oak, Add	*137.72*	
		For Ash/Hickory, Add	*137.72*	
		For Walnut, Add	*226.60*	
		For Cherry, Add	*425.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0020	EA	3'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	713.64	54.67
		For Oak, Add	*141.41*	
		For Ash/Hickory, Add	*141.41*	
		For Walnut, Add	*232.66*	
		For Cherry, Add	*436.92*	
08 14 73 00-0021	EA	4' Wide, Two 2'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,194.86	71.93
		For Oak, Add	*245.93*	
		For Ash/Hickory, Add	*245.93*	
		For Walnut, Add	*404.64*	
		For Cherry, Add	*759.87*	
08 14 73 00-0022	EA	5' Wide, Two 2'-6" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,285.18	77.69
		For Oak, Add	*264.38*	
		For Ash/Hickory, Add	*264.38*	
		For Walnut, Add	*434.98*	
		For Cherry, Add	*816.86*	
08 14 73 00-0023	EA	6' Wide, Two 3' x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,375.54	83.44
		For Oak, Add	*282.82*	
		For Ash/Hickory, Add	*282.82*	
		For Walnut, Add	*465.33*	
		For Cherry, Add	*873.85*	

08 14 73 00-0024 1-3/4" Thick, Birch Faced Wood Pocket Door *(08 14 73 00-0002)*

See CSI section 08 14 73 00-0055 for all jambs and track hardware.

08 14 73 00-0025 6'-8" High, 1-3/4" Thick Birch Faced Wood Pocket Door *(08 14 73 00-0024)*

08 14 73 00-0026	EA	2'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	763.70	40.28
		For Oak, Add	*159.86*	
		For Ash/Hickory, Add	*159.86*	
		For Walnut, Add	*263.01*	
		For Cherry, Add	*493.92*	
08 14 73 00-0027	EA	2'-4" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	800.99	43.16
		For Oak, Add	*167.24*	
		For Ash/Hickory, Add	*167.24*	
		For Walnut, Add	*275.15*	
		For Cherry, Add	*516.71*	
08 14 73 00-0028	EA	2'-6" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	822.48	46.04
		For Oak, Add	*170.92*	
		For Ash/Hickory, Add	*170.92*	
		For Walnut, Add	*281.22*	
		For Cherry, Add	*528.11*	
08 14 73 00-0029	EA	2'-8" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	846.64	48.92
		For Oak, Add	*175.23*	
		For Ash/Hickory, Add	*175.23*	
		For Walnut, Add	*288.30*	
		For Cherry, Add	*541.41*	
08 14 73 00-0030	EA	2'-10" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	868.17	51.80
		For Oak, Add	*178.92*	
		For Ash/Hickory, Add	*178.92*	
		For Walnut, Add	*294.37*	
		For Cherry, Add	*552.81*	
08 14 73 00-0031	EA	3'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	889.69	54.67
		For Oak, Add	*182.61*	
		For Ash/Hickory, Add	*182.61*	
		For Walnut, Add	*300.44*	
		For Cherry, Add	*564.21*	
08 14 73 00-0032	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,510.16	71.93
		For Oak, Add	*319.71*	
		For Ash/Hickory, Add	*319.71*	
		For Walnut, Add	*526.03*	
		For Cherry, Add	*987.83*	
08 14 73 00-0033	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,616.25	77.69
		For Oak, Add	*341.85*	
		For Ash/Hickory, Add	*341.85*	
		For Walnut, Add	*562.44*	
		For Cherry, Add	*1,056.22*	
08 14 73 00-0034	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,727.63	83.44
		For Oak, Add	*365.21*	
		For Ash/Hickory, Add	*365.21*	
		For Walnut, Add	*600.88*	
		For Cherry, Add	*1,128.42*	

08 14 73 00-0035 7' High, 1-3/4" Thick Birch Faced Wood Pocket Door *(08 14 73 00-0024)*

08 14 73 00-0036	EA	2'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	816.25	40.28
		For Oak, Add	*172.15*	
		For Ash/Hickory, Add	*172.15*	
		For Walnut, Add	*283.24*	
		For Cherry, Add	*531.91*	
08 14 73 00-0037	EA	2'-4" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	858.79	43.16
		For Oak, Add	*180.76*	
		For Ash/Hickory, Add	*180.76*	
		For Walnut, Add	*297.40*	
		For Cherry, Add	*558.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0038	EA	2'-6" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	882.92	46.04
		For Oak, Add	*185.07*	
		For Ash/Hickory, Add	*185.07*	
		For Walnut, Add	*304.49*	
		For Cherry, Add	*571.81*	
08 14 73 00-0039	EA	2'-8" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	907.07	48.92
		For Oak, Add	*189.37*	
		For Ash/Hickory, Add	*189.37*	
		For Walnut, Add	*311.57*	
		For Cherry, Add	*585.10*	
08 14 73 00-0040	EA	2'-10" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	928.61	51.80
		For Oak, Add	*193.06*	
		For Ash/Hickory, Add	*193.06*	
		For Walnut, Add	*317.64*	
		For Cherry, Add	*596.50*	
08 14 73 00-0041	EA	3'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	952.75	54.67
		For Oak, Add	*197.36*	
		For Ash/Hickory, Add	*197.36*	
		For Walnut, Add	*324.72*	
		For Cherry, Add	*609.80*	
08 14 73 00-0042	EA	4' Wide, Two 2'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,615.26	71.93
		For Oak, Add	*344.31*	
		For Ash/Hickory, Add	*344.31*	
		For Walnut, Add	*566.49*	
		For Cherry, Add	*1,063.82*	
08 14 73 00-0043	EA	5' Wide, Two 2'-6" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,737.12	77.69
		For Oak, Add	*370.13*	
		For Ash/Hickory, Add	*370.13*	
		For Walnut, Add	*608.98*	
		For Cherry, Add	*1,143.61*	
08 14 73 00-0044	EA	6' Wide, Two 3'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,853.75	83.44
		For Oak, Add	*394.73*	
		For Ash/Hickory, Add	*394.73*	
		For Walnut, Add	*649.44*	
		For Cherry, Add	*1,219.60*	

08 14 73 00-0045 8' High, 1-3/4" Thick Birch Faced Wood Pocket Door *(08 14 73 00-0024)*

08 14 73 00-0046	EA	2'-0" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	868.80	40.28
		For Oak, Add	*184.45*	
		For Ash/Hickory, Add	*184.45*	
		For Walnut, Add	*303.48*	
		For Cherry, Add	*569.90*	
08 14 73 00-0047	EA	2'-4" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	911.35	43.16
		For Oak, Add	*193.06*	
		For Ash/Hickory, Add	*193.06*	
		For Walnut, Add	*317.64*	
		For Cherry, Add	*596.50*	
08 14 73 00-0048	EA	2'-6" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	938.10	46.04
		For Oak, Add	*197.98*	
		For Ash/Hickory, Add	*197.98*	
		For Walnut, Add	*325.73*	
		For Cherry, Add	*611.70*	
08 14 73 00-0049	EA	2'-8" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	964.88	48.92
		For Oak, Add	*202.90*	
		For Ash/Hickory, Add	*202.90*	
		For Walnut, Add	*333.83*	
		For Cherry, Add	*626.90*	
08 14 73 00-0050	EA	2'-10" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	986.41	51.80
		For Oak, Add	*206.58*	
		For Ash/Hickory, Add	*206.58*	
		For Walnut, Add	*339.89*	
		For Cherry, Add	*638.29*	
08 14 73 00-0051	EA	3'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,013.18	54.67
		For Oak, Add	*211.50*	
		For Ash/Hickory, Add	*211.50*	
		For Walnut, Add	*347.99*	
		For Cherry, Add	*653.49*	
08 14 73 00-0052	EA	4' Wide, Two 2'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,720.36	71.93
		For Oak, Add	*368.90*	
		For Ash/Hickory, Add	*368.90*	
		For Walnut, Add	*606.95*	
		For Cherry, Add	*1,139.81*	
08 14 73 00-0053	EA	5' Wide, Two 2'-6" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,847.47	77.69
		For Oak, Add	*395.95*	
		For Ash/Hickory, Add	*395.95*	
		For Walnut, Add	*651.46*	
		For Cherry, Add	*1,223.40*	
08 14 73 00-0054	EA	6' Wide, Two 3'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,974.61	83.44
		For Oak, Add	*423.01*	
		For Ash/Hickory, Add	*423.01*	
		For Walnut, Add	*695.97*	
		For Cherry, Add	*1,306.98*	

08 14 73 00-0055 Accessories *(08 14 73 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 14 73 00-0056 Jamb Replacement *(08 14 73 00-0055)*

08 14 73 00-0057	EA	4-9/16 Or 4-3/4" Birch Jamb Replacement For Pocket Doors	158.12	
		For Oak, Add	*11.37*	
		For Ash/Hickory, Add	*17.80*	
		For Walnut, Add	*38.92*	
		For Cherry, Add	*61.66*	
08 14 73 00-0058	EA	5-1/4" Birch Jamb Replacement For Pocket Doors	161.37	
		For Oak, Add	*11.73*	
		For Ash/Hickory, Add	*18.38*	
		For Walnut, Add	*40.18*	
		For Cherry, Add	*63.65*	
08 14 73 00-0059	EA	6-9/16" Or 6-3/4" Birch Jamb Replacement For Pocket Doors	182.46	
		For Oak, Add	*14.12*	
		For Ash/Hickory, Add	*22.11*	
		For Walnut, Add	*48.34*	
		For Cherry, Add	*76.58*	

08 14 73 00-0060 Track And Hardware Replacement Kits *(08 14 73 00-0055)*

Note: For double doors, use 2 appropriate sized hardware and 1 converging kit.

08 14 73 00-0061	EA	Up To 2'-6" x 6'-8" Door Track And Hardware Replacement For Pocket Door	289.90	
08 14 73 00-0062	EA	2'-8" x 6'-8" Door Track And Hardware Replacement For Pocket Door	292.44	
08 14 73 00-0063	EA	3'-0" x 6'-8" Door Track And Hardware Replacement For Pocket Door	297.53	
08 14 73 00-0064	EA	Up To 2'-6" x 7' Door Track And Hardware Replacement For Pocket Door	345.88	
08 14 73 00-0065	EA	2'-8" x 7' Door Track And Hardware Replacement For Pocket Door	348.42	
08 14 73 00-0066	EA	3'-0" x 7' Door Track And Hardware Replacement For Pocket Door	353.51	
08 14 73 00-0067	EA	Up To 2'-6" x 8' Door Track And Hardware	371.33	
08 14 73 00-0068	EA	2'-8" x 8' Door Track And Hardware Replacement For Pocket Door	373.87	
08 14 73 00-0069	EA	3'-0" x 8' Door Track And Hardware Replacement For Pocket Door	378.96	
08 14 73 00-0070	EA	Double Door Converging Kit For Pocket Door	42.72	

08 14 73 00-0071 Bi-Pass Doors *(08 14 73)*

Note: Includes unfinished doors, fascia track, hangers, door guide, doorstop, and pulls. 125 Lb. maximum door weight (each opening).

08 14 73 00-0072 Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors *(08 14 73 00-0071)*

08 14 73 00-0073	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors	465.06	92.04
08 14 73 00-0074	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors	511.68	97.79
08 14 73 00-0075	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors	558.89	103.54
08 14 73 00-0076	EA	8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors	775.01	109.30

08 14 73 00-0077 Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors *(08 14 73 00-0071)*

08 14 73 00-0078	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors	432.51	92.04
08 14 73 00-0079	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors	460.93	97.79
08 14 73 00-0080	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors	503.03	103.54
08 14 73 00-0081	EA	8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors	709.91	109.30

08 14 73 00-0082 Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Pass Doors *(08 14 73 00-0071)*

08 14 73 00-0083	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Pass Doors	465.97	92.04
08 14 73 00-0084	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Pass Doors	509.42	97.79
08 14 73 00-0085	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Pass Doors	555.13	103.54
08 14 73 00-0086	EA	8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Pass Doors	776.84	109.30

08 14 76 Bifolding Wood Doors *(08 14)*

08 14 76 00-0001 Bi-Fold Wood Doors *(08 14 76)*

Note: Includes doors, track, top and bottom pivots, door guide, track stop, panel hinge, bottom pivot bracket, top pivot lock, and 4-door aligner (when necessary). Excludes doorframe and knobs.

08 14 76 00-0002 Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors *(08 14 76 00-0001)*

08 14 76 00-0003	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	217.72	69.02
08 14 76 00-0004	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	229.22	74.78
08 14 76 00-0005	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	246.04	80.54
08 14 76 00-0006	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	257.55	86.28
08 14 76 00-0007	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	336.98	92.04
08 14 76 00-0008	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	348.48	97.79
08 14 76 00-0009	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	371.25	103.54

08 14 76 00-0010 Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors *(08 14 76 00-0001)*

08 14 76 00-0011	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	230.72	69.02
08 14 76 00-0012	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	246.49	74.78
08 14 76 00-0013	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	266.17	80.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 76 00-0014	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	277.68	86.28
08 14 76 00-0015	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	364.81	92.04
08 14 76 00-0016	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	391.86	97.79
08 14 76 00-0017	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	420.55	103.54
08 14 76 00-0018		Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors *(08 14 76 00-0001)*		
08 14 76 00-0019	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	231.33	69.02
08 14 76 00-0020	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	254.82	74.78
08 14 76 00-0021	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	273.85	80.54
08 14 76 00-0022	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	285.36	86.28
08 14 76 00-0023	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	371.53	92.04
08 14 76 00-0024	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	385.72	97.79
08 14 76 00-0025	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	420.55	103.54
08 14 76 00-0026		Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors *(08 14 76 00-0001)*		
08 14 76 00-0027	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	617.71	69.02
08 14 76 00-0028	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	706.70	74.78
08 14 76 00-0029	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	808.27	80.54
08 14 76 00-0030	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	819.78	86.28
08 14 76 00-0031	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	1,143.37	92.04
08 14 76 00-0032	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	1,309.87	97.79
08 14 76 00-0033	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	1,501.50	103.54
08 14 76 00-0034		Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors *(08 14 76 00-0001)*		
08 14 76 00-0035	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	795.74	69.02
08 14 76 00-0036	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	863.79	74.78
08 14 76 00-0037	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	944.41	80.54
08 14 76 00-0038	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	955.92	86.28
08 14 76 00-0039	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	1,499.44	92.04
08 14 76 00-0040	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	1,624.05	97.79
08 14 76 00-0041	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	1,773.78	103.54
08 14 76 00-0042		Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Fold Doors *(08 14 76 00-0001)*		
08 14 76 00-0043	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	222.30	69.02
08 14 76 00-0044	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	239.14	74.78
08 14 76 00-0045	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	261.96	80.54
08 14 76 00-0046	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	263.93	86.28
08 14 76 00-0047	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	329.44	92.04
08 14 76 00-0048	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	355.90	97.79
08 14 76 00-0049	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	399.70	103.54

08 16 Composite Doors *(08 10)*

Note: Includes machining for all hardware. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 16 13 Fiberglass Doors *(08 16)*

See CSI section 08 70 00 00-0000 for finish hardware.

08 16 13 00-0001 Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Frames And Doors *(08 16 13)*

08 16 13 00-0002 Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0001)*

08 16 13 00-0003 Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0002)*

Note: White, tan, brown or gray finish. Includes factory hardware prep and 25 Mil resin rich gel coat.

08 16 13 00-0004 Standard, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0003)*

Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.

08 16 13 00-0005 6'-8" High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0004)*

08 16 13 00-0006	EA	3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,546.55	69.05
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0007	EA	3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,786.41	71.93
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0008	EA	4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,151.08	77.69
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0009		7' High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0004)*		
08 16 13 00-0010	EA	3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,546.55	69.05
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0011	EA	3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,881.64	71.93
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0012	EA	4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,252.26	77.69
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0013		Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0003)*		
		Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0014		45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0013)*		
08 16 13 00-0015		6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0014)*		
08 16 13 00-0016	EA	3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,213.16	69.05
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0017	EA	3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,300.26	71.93
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0018	EA	4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,904.98	77.69
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0019		7' High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0014)*		
08 16 13 00-0020	EA	3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,213.16	69.05
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0021	EA	3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,609.75	71.93
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0022	EA	4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	5,020.05	77.69
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0023		60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0013)*		
08 16 13 00-0024		6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0023)*		
08 16 13 00-0025	EA	3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,213.16	69.05
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0026	EA	3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,300.26	71.93
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0027	EA	4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,904.98	77.69
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0028		7' High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0023)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0029	EA	3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,213.16	69.05
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0030	EA	3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,609.75	71.93
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0031	EA	4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	5,020.05	77.69
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	

08 16 13 00-0032 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0013)*

08 16 13 00-0033 6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0032)*

08 16 13 00-0034	EA	3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,213.16	69.05
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0035	EA	3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,300.26	71.93
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0036	EA	4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,904.98	77.69
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	

08 16 13 00-0037 7' High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0032)*

08 16 13 00-0038	EA	3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,213.16	69.05
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0039	EA	3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,609.75	71.93
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0040	EA	4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	5,020.05	77.69
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	

08 16 13 00-0041 Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0003)*

Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.

08 16 13 00-0042 6'-8" High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0041)*

08 16 13 00-0043	EA	3' x 6'-8", Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,750.90	69.05
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	

08 16 13 00-0044 7' High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0041)*

08 16 13 00-0045	EA	3' x 7', Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,750.90	69.05
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	

08 16 13 00-0046 Accessories For Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors (Chem-Pruf) *(08 16 13 00-0002)*

08 16 13 00-0047	SI	1/4" Tempered, Factory Installed Vision Glass (Chem-Pruf)	0.51
08 16 13 00-0048	SI	1/4" Laminated, Factory Installed Vision Glass (Chem-Pruf)	0.52
08 16 13 00-0049	SI	1/4" Wire, Factory Installed Vision Glass (Chem-Pruf)	0.68
08 16 13 00-0050	SI	1/2" Insulated, Factory Installed Vision Glass (Chem-Pruf)	0.66
08 16 13 00-0051	SI	Factory Installed Molded Louver (Chem-Pruf)	1.31
08 16 13 00-0052	SI	Factory Installed Molded Louver With Insect Screen (Chem-Pruf)	1.46
08 16 13 00-0053	LF	Weather Strip (Chem-Pruf)	13.89
08 16 13 00-0054	LF	Fiberglass Reinforced Polyester (FRP) Astragal With Seal (Chem-Pruf)	17.86
08 16 13 00-0055	LF	1/2" Fiberglass Reinforced Polyester (FRP) Grooved Saddle Threshold (Chem-Pruf)	37.70
08 16 13 00-0056	LF	Fiberglass Reinforced Polyester (FRP) Door Sweep (Chem-Pruf)	41.66
08 16 13 00-0057	LF	2-1/4" Fiberglass Reinforced Polyester (FRP) Center Door Mullion (Chem-Pruf)	81.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0058		Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0001)*		
08 16 13 00-0059		Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0058)*		
		Note: White, tan, brown or gray finish. Includes factory hardware prep.		
08 16 13 00-0060		Standard, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0059)*		
		Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0061		6'-8" High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0060)*		
08 16 13 00-0062	EA	3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,706.50	69.05
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0063	EA	3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,743.46	71.93
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0064	EA	4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,875.01	77.69
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0065		7' High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0060)*		
08 16 13 00-0066	EA	3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,706.50	69.05
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0067	EA	3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,863.49	71.93
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0068	EA	4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,875.01	77.69
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0069		Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0059)*		
		Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0070		45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0069)*		
08 16 13 00-0071		6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0070)*		
08 16 13 00-0072	EA	3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,506.95	69.05
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0073	EA	3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,599.12	71.93
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0074	EA	4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,817.09	77.69
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0075		7' High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0070)*		
08 16 13 00-0076	EA	3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,506.95	69.05
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0077	EA	3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,632.73	71.93
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0078	EA	4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,920.32	77.69
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0079		60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0069)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0080		6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0079)*		
08 16 13 00-0081	EA	3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,506.95	69.05
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0082	EA	3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,599.12	71.93
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0083	EA	4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,817.09	77.69
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0084		7' High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0079)*		
08 16 13 00-0085	EA	3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,506.95	69.05
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0086	EA	3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,632.73	71.93
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0087	EA	4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,920.32	77.69
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0088		90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0069)*		
08 16 13 00-0089		6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0088)*		
08 16 13 00-0090	EA	3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,506.95	69.05
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0091	EA	3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,599.12	71.93
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0092	EA	4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,817.09	77.69
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0093		7' High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0088)*		
08 16 13 00-0094	EA	3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,506.95	69.05
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0095	EA	3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,632.73	71.93
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0096	EA	4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,920.32	77.69
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0097		Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0059)*		
		Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0098		6'-8" High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0097)*		
08 16 13 00-0099	EA	3' x 6'-8", Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,066.59	69.05
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0100		7' High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0097)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0101	EA	3' x 7', Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,066.59	69.05
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0102		**Accessories For Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors (Skule Door)** *(08 16 13 00-0058)*		
08 16 13 00-0103	SI	1/4" Tempered, Factory Installed Vision Glass (Skule Door)	1.13	
08 16 13 00-0104	SI	1/4" Laminated, Factory Installed Vision Glass (Skule Door)	1.17	
08 16 13 00-0105	SI	1/4" Wire, Factory Installed Vision Glass (Skule Door)	1.23	
08 16 13 00-0106	SI	1/2" Insulated, Factory Installed Vision Glass (Skule Door)	1.77	
08 16 13 00-0107	SI	Factory Installed Molded Louver (Skule Door)	0.70	
08 16 13 00-0108	SI	Factory Installed Molded Louver With Insect Screen (Skule Door)	1.12	
08 16 13 00-0109	LF	Weather Strip (Skule Door)	9.60	
08 16 13 00-0110	LF	Fiberglass Reinforced Polyester (FRP) Astragal With Seal (Skule Door)	12.00	
08 16 13 00-0111	LF	1/2" Fiberglass Reinforced Polyester (FRP) Grooved Saddle Threshold (Skule Door)	38.41	
08 16 13 00-0112	LF	Fiberglass Reinforced Polyester (FRP) Door Sweep (Skule Door)	136.83	
08 16 13 00-0113	LF	2-1/4" Fiberglass Reinforced Polyester (FRP) Center Door Mullion (Skule Door)	52.81	
08 16 13 00-0114		**Galvanized Insulated Poly Core Composite Doors** *(08 16 13)*		
08 16 13 00-0115	EA	3'-0" x 7'-0" x 1-3/4" Thick, Flush, 18 Gauge, Galvanized, Insulated Poly Core Composite Door (Curries 707N)	1,416.53	69.05

08 17 Integrated Door Opening Assemblies *(08 10)*

08 17 23 Integrated Metal Door Opening Assemblies *(08 17)*

08 17 23 00-0001		**Pre-Hung Interior Door Units** *(08 17 23)* Note: Includes door, frame, and trim, all mounting hardware (standard duty ball bearing hinges). Excludes lockset.		
08 17 23 00-0002		**Hollow Core Doors, 1-3/8" Thick** *(08 17 23 00-0001)*		
08 17 23 00-0003		**Birch Faced** *(08 17 23 00-0002)*		
08 17 23 00-0004	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	389.27	71.93
		For 8' Door Height, Add	*58.90*	
08 17 23 00-0005	EA	2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	404.34	71.93
		For 8' Door Height, Add	*62.52*	
08 17 23 00-0006	EA	2'-8" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	425.20	74.81
		For 8' Door Height, Add	*66.14*	
08 17 23 00-0007	EA	3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	435.44	77.69
		For 8' Door Height, Add	*67.21*	
08 17 23 00-0008	EA	3'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	462.79	77.69
		For 8' Door Height, Add	*73.78*	
08 17 23 00-0009	EA	3'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	488.23	80.57
		For 8' Door Height, Add	*78.50*	
08 17 23 00-0010	EA	Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	726.76	117.97
		For 8' Door Height, Add	*117.79*	
08 17 23 00-0011	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	774.19	126.61
		For 8' Door Height, Add	*125.04*	
08 17 23 00-0012	EA	Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	830.61	135.23
		For 8' Door Height, Add	*134.43*	
08 17 23 00-0013		**Lauan Faced** *(08 17 23 00-0002)*		
08 17 23 00-0014	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	348.96	71.93
		For 8' Door Height, Add	*49.22*	
08 17 23 00-0015	EA	2'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	362.87	71.93
		For 8' Door Height, Add	*52.56*	
08 17 23 00-0016	EA	2'-8" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	380.35	74.81
		For 8' Door Height, Add	*55.38*	
08 17 23 00-0017	EA	3' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	394.40	77.69
		For 8' Door Height, Add	*57.36*	
08 17 23 00-0018	EA	3'-4" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	417.25	77.69
		For 8' Door Height, Add	*62.85*	
08 17 23 00-0019	EA	3'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	450.89	80.57
		For 8' Door Height, Add	*69.54*	
08 17 23 00-0020	EA	Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	646.15	117.97
		For 8' Door Height, Add	*98.45*	
08 17 23 00-0021	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	691.16	126.61
		For 8' Door Height, Add	*105.11*	
08 17 23 00-0022	EA	Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	748.57	135.23
		For 8' Door Height, Add	*114.74*	
08 17 23 00-0023		**Tempered Hardboard Faced** *(08 17 23 00-0002)*		
08 17 23 00-0024	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	311.07	71.93
		For 8' Door Height, Add	*40.13*	
08 17 23 00-0025	EA	2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	323.27	71.93
		For 8' Door Height, Add	*43.06*	
08 17 23 00-0026	EA	2'-8" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	334.81	74.81
		For 8' Door Height, Add	*44.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0027	EA	3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	352.14	77.69
		For 8' Door Height, Add	*47.22*	
08 17 23 00-0028	EA	3'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	373.77	77.69
		For 8' Door Height, Add	*52.42*	
08 17 23 00-0029	EA	3'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	384.57	80.57
		For 8' Door Height, Add	*53.63*	
08 17 23 00-0030	EA	Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	557.51	117.97
		For 8' Door Height, Add	*77.17*	
08 17 23 00-0031	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	611.99	126.61
		For 8' Door Height, Add	*86.11*	
08 17 23 00-0032	EA	Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	663.99	135.23
		For 8' Door Height, Add	*94.45*	

08 17 23 00-0033 Solid Core Doors, 1-3/8" Thick *(08 17 23 00-0001)*

08 17 23 00-0034 Birch Faced *(08 17 23 00-0033)*

08 17 23 00-0035	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	518.92	71.93
		For 8' Door Height, Add	*90.01*	
08 17 23 00-0036	EA	2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	538.64	71.93
		For 8' Door Height, Add	*94.75*	
08 17 23 00-0037	EA	2'-8" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	564.08	74.81
		For 8' Door Height, Add	*99.47*	
08 17 23 00-0038	EA	3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	593.85	77.69
		For 8' Door Height, Add	*105.24*	
08 17 23 00-0039	EA	3'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	642.00	77.69
		For 8' Door Height, Add	*116.79*	
08 17 23 00-0040	EA	3'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	690.29	80.57
		For 8' Door Height, Add	*127.00*	
08 17 23 00-0041	EA	Pair 2' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	986.07	117.97
		For 8' Door Height, Add	*180.03*	
08 17 23 00-0042	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	1,042.76	126.61
		For 8' Door Height, Add	*189.50*	
08 17 23 00-0043	EA	Pair 3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	1,147.41	135.23
		For 8' Door Height, Add	*210.47*	

08 17 23 00-0044 Lauan Faced *(08 17 23 00-0033)*

08 17 23 00-0045	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	440.41	71.93
		For 8' Door Height, Add	*71.17*	
08 17 23 00-0046	EA	2'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	456.71	71.93
		For 8' Door Height, Add	*75.08*	
08 17 23 00-0047	EA	2'-8" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	478.75	74.81
		For 8' Door Height, Add	*78.99*	
08 17 23 00-0048	EA	3' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	500.96	77.69
		For 8' Door Height, Add	*82.94*	
08 17 23 00-0049	EA	3'-4" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	538.97	77.69
		For 8' Door Height, Add	*92.06*	
08 17 23 00-0050	EA	3'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	569.27	80.57
		For 8' Door Height, Add	*97.95*	
08 17 23 00-0051	EA	Pair 2' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	829.03	117.97
		For 8' Door Height, Add	*142.34*	
08 17 23 00-0052	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	878.91	126.61
		For 8' Door Height, Add	*150.17*	
08 17 23 00-0053	EA	Pair 3' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	961.63	135.23
		For 8' Door Height, Add	*165.88*	

08 17 23 00-0054 Tempered Hardboard Faced *(08 17 23 00-0033)*

08 17 23 00-0055	EA	2'-0" - 2'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	423.74	71.93
		For 8' Door Height, Add	*67.17*	
08 17 23 00-0056	EA	2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	439.95	71.93
		For 8' Door Height, Add	*71.06*	
08 17 23 00-0057	EA	2'-8" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	461.97	74.81
		For 8' Door Height, Add	*74.96*	
08 17 23 00-0058	EA	3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	473.73	77.69
		For 8' Door Height, Add	*76.41*	
08 17 23 00-0059	EA	3'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	508.84	77.69
		For 8' Door Height, Add	*84.83*	
08 17 23 00-0060	EA	3'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	537.23	80.57
		For 8' Door Height, Add	*90.26*	
08 17 23 00-0061	PR	Pair 2' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	795.71	117.97
		For 8' Door Height, Add	*134.34*	
08 17 23 00-0062	PR	Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	845.36	126.61
		For 8' Door Height, Add	*142.12*	
08 17 23 00-0063	PR	Pair 3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	907.16	135.23
		For 8' Door Height, Add	*152.81*	

08 17 23 00-0064 Hollow Core Doors, 1-3/4" Thick *(08 17 23 00-0001)*

08 17 23 00-0065 Birch Faced *(08 17 23 00-0064)*

08 17 23 00-0066	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	450.58	71.93
		For 8' Door Height, Add	*73.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0067	EA	2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	462.16	71.93
		For 8' Door Height, Add	*76.39*	
08 17 23 00-0068	EA	2'-8" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	472.20	74.81
		For 8' Door Height, Add	*77.42*	
08 17 23 00-0069	EA	3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	496.82	77.69
		For 8' Door Height, Add	*81.95*	
08 17 23 00-0070	EA	3'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	546.91	77.69
		For 8' Door Height, Add	*93.97*	
08 17 23 00-0071	EA	3'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	611.19	80.57
		For 8' Door Height, Add	*108.01*	
08 17 23 00-0072	EA	Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	849.43	117.97
		For 8' Door Height, Add	*147.23*	
08 17 23 00-0073	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	889.79	126.61
		For 8' Door Height, Add	*152.78*	
08 17 23 00-0074	EA	Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	953.40	135.23
		For 8' Door Height, Add	*163.90*	

08 17 23 00-0075 Lauan Faced *(08 17 23 00-0064)*

08 17 23 00-0076	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	404.40	71.93
		For 8' Door Height, Add	*62.53*	
08 17 23 00-0077	EA	2'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	422.36	71.93
		For 8' Door Height, Add	*66.84*	
08 17 23 00-0078	EA	2'-8" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	442.69	74.81
		For 8' Door Height, Add	*70.34*	
08 17 23 00-0079	EA	3' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	454.21	77.69
		For 8' Door Height, Add	*71.72*	
08 17 23 00-0080	EA	3'-4" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	487.06	77.69
		For 8' Door Height, Add	*79.61*	
08 17 23 00-0081	EA	3'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	514.04	80.57
		For 8' Door Height, Add	*84.70*	
08 17 23 00-0082	EA	Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	757.05	117.97
		For 8' Door Height, Add	*125.06*	
08 17 23 00-0083	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	810.19	126.61
		For 8' Door Height, Add	*133.68*	
08 17 23 00-0084	EA	Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	868.16	135.23
		For 8' Door Height, Add	*143.44*	

08 17 23 00-0085 Tempered Hardboard Faced *(08 17 23 00-0064)*

08 17 23 00-0086	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	352.19	71.93
		For 8' Door Height, Add	*50.00*	
08 17 23 00-0087	EA	2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	358.00	71.93
		For 8' Door Height, Add	*51.39*	
08 17 23 00-0088	EA	2'-8" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	375.33	74.81
		For 8' Door Height, Add	*54.17*	
08 17 23 00-0089	EA	3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	392.66	77.69
		For 8' Door Height, Add	*56.95*	
08 17 23 00-0090	EA	3'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	405.88	77.69
		For 8' Door Height, Add	*60.12*	
08 17 23 00-0091	EA	3'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	417.43	80.57
		For 8' Door Height, Add	*61.51*	
08 17 23 00-0092	EA	Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	636.56	117.97
		For 8' Door Height, Add	*96.15*	
08 17 23 00-0093	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	681.46	126.61
		For 8' Door Height, Add	*102.78*	
08 17 23 00-0094	EA	Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	745.07	135.23
		For 8' Door Height, Add	*113.90*	

08 17 23 00-0095 Solid Core Doors, 1-3/4" Thick *(08 17 23 00-0001)*

08 17 23 00-0096 Birch Faced *(08 17 23 00-0095)*

08 17 23 00-0097	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	576.35	71.93
		For 8' Door Height, Add	*103.80*	
08 17 23 00-0098	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	594.36	71.93
		For 8' Door Height, Add	*108.12*	
08 17 23 00-0099	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	606.14	74.81
		For 8' Door Height, Add	*109.56*	
08 17 23 00-0100	EA	3' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	629.90	77.69
		For 8' Door Height, Add	*113.89*	
08 17 23 00-0101	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	682.10	77.69
		For 8' Door Height, Add	*126.42*	
08 17 23 00-0102	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	740.57	80.57
		For 8' Door Height, Add	*139.07*	
08 17 23 00-0103	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	1,100.93	117.97
		For 8' Door Height, Add	*207.60*	
08 17 23 00-0104	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	1,154.18	126.61
		For 8' Door Height, Add	*216.24*	
08 17 23 00-0105	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	1,219.53	135.23
		For 8' Door Height, Add	*227.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0106		**Lauan Faced** *(08 17 23 00-0095)*		
08 17 23 00-0107	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	547.50	71.93
		For 8' Door Height, Add	*96.87*	
08 17 23 00-0108	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	548.68	71.93
		For 8' Door Height, Add	*97.16*	
08 17 23 00-0109	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	566.07	74.81
		For 8' Door Height, Add	*99.95*	
08 17 23 00-0110	EA	3' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	580.24	77.69
		For 8' Door Height, Add	*101.97*	
08 17 23 00-0111	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	618.64	77.69
		For 8' Door Height, Add	*111.18*	
08 17 23 00-0112	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	654.03	80.57
		For 8' Door Height, Add	*118.30*	
08 17 23 00-0113	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	1,043.26	117.97
		For 8' Door Height, Add	*193.75*	
08 17 23 00-0114	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	1,062.83	126.61
		For 8' Door Height, Add	*194.31*	
08 17 23 00-0115	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	1,120.21	135.23
		For 8' Door Height, Add	*203.94*	
08 17 23 00-0116		**Tempered Hardboard Faced** *(08 17 23 00-0095)*		
08 17 23 00-0117	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	486.24	71.93
		For 8' Door Height, Add	*82.17*	
08 17 23 00-0118	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	492.23	71.93
		For 8' Door Height, Add	*83.61*	
08 17 23 00-0119	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	504.02	74.81
		For 8' Door Height, Add	*85.06*	
08 17 23 00-0120	EA	3' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	521.80	77.69
		For 8' Door Height, Add	*87.94*	
08 17 23 00-0121	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	548.67	77.69
		For 8' Door Height, Add	*94.39*	
08 17 23 00-0122	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	579.60	80.57
		For 8' Door Height, Add	*100.43*	
08 17 23 00-0123	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	920.70	117.97
		For 8' Door Height, Add	*164.34*	
08 17 23 00-0124	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	949.95	126.61
		For 8' Door Height, Add	*167.22*	
08 17 23 00-0125	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	1,003.30	135.23
		For 8' Door Height, Add	*175.88*	
08 17 23 00-0126		**Oak Or Maple Faced** *(08 17 23 00-0095)*		
08 17 23 00-0127	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	916.46	71.93
		For 8' Door Height, Add	*185.42*	
08 17 23 00-0128	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	921.17	71.93
		For 8' Door Height, Add	*186.55*	
08 17 23 00-0129	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	966.87	74.81
		For 8' Door Height, Add	*196.14*	
08 17 23 00-0130	EA	3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	983.06	77.69
		For 8' Door Height, Add	*198.64*	
08 17 23 00-0131	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	1,072.78	77.69
		For 8' Door Height, Add	*220.18*	
08 17 23 00-0132	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	1,184.85	80.57
		For 8' Door Height, Add	*245.69*	
08 17 23 00-0133	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	1,781.16	117.97
		For 8' Door Height, Add	*370.86*	
08 17 23 00-0134	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	1,807.87	126.61
		For 8' Door Height, Add	*373.12*	
08 17 23 00-0135	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	1,925.84	135.23
		For 8' Door Height, Add	*397.29*	
08 17 23 00-0136		**Walnut Faced** *(08 17 23 00-0095)*		
08 17 23 00-0137	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,157.74	71.93
		For 8' Door Height, Add	*243.33*	
08 17 23 00-0138	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,199.90	71.93
		For 8' Door Height, Add	*253.45*	
08 17 23 00-0139	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,219.79	74.81
		For 8' Door Height, Add	*256.84*	
08 17 23 00-0140	EA	3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,267.76	77.69
		For 8' Door Height, Add	*266.97*	
08 17 23 00-0141	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,390.14	77.69
		For 8' Door Height, Add	*296.34*	
08 17 23 00-0142	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,519.46	80.57
		For 8' Door Height, Add	*326.00*	
08 17 23 00-0143	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	2,263.72	117.97
		For 8' Door Height, Add	*486.66*	
08 17 23 00-0144	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	2,365.27	126.61
		For 8' Door Height, Add	*506.90*	
08 17 23 00-0145	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	2,495.25	135.23
		For 8' Door Height, Add	*533.94*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 18 Glass Doors *(08 10)*

08 18 16 Sliding Glass Doors *(08 18)*

08 18 16 00-0001 Sliding Aluminum-Framed Glass Doors *(08 18 16)*

08 18 16 00-0002 Residential Sliding Aluminum-Framed Glass Doors *(08 18 16 00-0001)*

08 18 16 00-0003 5/8" Insulating Glass, Sliding Aluminum-Framed Glass Doors *(08 18 16 00-0002)*

08 18 16 00-0004	SF	Up To 6' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware	54.31	5.17
		For Custom Quality, Add	*10.15*	
		For Tempered Glass, Add	*1.42*	
		For Anodized Or Colored Aluminum Frames, Add	*7.31*	
08 18 16 00-0005	SF	>6' Up To 12' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware	46.80	3.22
		For Custom Quality, Add	*9.70*	
		For Tempered Glass, Add	*1.42*	
		For Anodized Or Colored Aluminum Frames, Add	*6.99*	

08 18 16 00-0006 1" Insulating Glass, Sliding Aluminum-Framed Glass Doors *(08 18 16 00-0002)*

08 18 16 00-0007	SF	Up To 6' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware	61.59	5.17
		For Custom Quality, Add	*11.97*	
		For Tempered Glass, Add	*1.42*	
		For Anodized Or Colored Aluminum Frames, Add	*8.62*	
08 18 16 00-0008	SF	>6' Up To 12' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware	53.97	3.22
		For Custom Quality, Add	*11.50*	
		For Tempered Glass, Add	*1.42*	
		For Anodized Or Colored Aluminum Frames, Add	*8.28*	

08 18 16 00-0009 Sliding Plastic-Framed Glass Doors *(08 18 16)*

08 18 16 00-0010 Sliding Vinyl-Framed Glass Doors *(08 18 16 00-0009)*

08 18 16 00-0011 Vinyl Sliding Glass Doors (Pella Vinyl 10 Series) *(08 18 16 00-0010)*

Note: Includes white solid vinyl interior and exterior, standard hardware and tempered clear insulated glass. Excludes grilles and insect screens.

08 18 16 00-0012	EA	5' x 6' 8", Vinyl Sliding Glass Door (Pella Vinyl 10 Series)	1,538.59	86.32
		For Insect Screen, Add	*239.04*	
		For Grilles Between The Glass, Add	*300.51*	
		For Low-E Tempered Insulated Glass, Add	*614.68*	
08 18 16 00-0013	EA	6' x 6' 8", Vinyl Sliding Glass Door (Pella Vinyl 10 Series)	1,597.53	92.08
		For Insect Screen, Add	*247.34*	
		For Grilles Between The Glass, Add	*310.94*	
		For Low-E Tempered Insulated Glass, Add	*636.02*	

08 18 16 00-0014 Vinyl Sliding Glass Doors (Superior Windows & Doors 9900) *(08 18 16 00-0010)*

Note: Includes white solid vinyl interior and exterior, 5-1/2" frame depth, standard hardware and 7/8" clear Low-E insulated glass. Excludes grilles and insect screens.

08 18 16 00-0015	EA	69-1/2" x 78-1/2" Frame Opening, 2-Panel Vinyl Sliding Glass Door	2,029.05	90.93
08 18 16 00-0016	EA	93-1/2" x 78-1/2" Frame Opening, 2-Panel Vinyl Sliding Glass Door	2,519.27	108.18
08 18 16 00-0017	EA	59-1/2" x 79-1/2" Frame Opening, 2-Panel Vinyl Sliding Glass Door	1,895.04	86.32
08 18 16 00-0018	EA	69-1/2" x 79-1/2" Frame Opening, 2-Panel Vinyl Sliding Glass Door	2,029.05	90.93
08 18 16 00-0019	EA	71-1/2" x 79-1/2" Frame Opening, 2-Panel Vinyl Sliding Glass Door	2,056.32	92.08
08 18 16 00-0020	EA	93-1/2" x 79-1/2" Frame Opening, 2-Panel Vinyl Sliding Glass Door	2,519.27	108.18
08 18 16 00-0021	EA	95-1/2" x 79-1/2" Frame Opening, 2-Panel Vinyl Sliding Glass Door	2,922.38	110.49
08 18 16 00-0022	EA	119-1/2" x 79-1/2" Frame Opening, 2-Panel Vinyl Sliding Glass Door	3,322.60	124.30
08 18 16 00-0023	EA	71-1/2" x 95-1/2" Frame Opening, 2-Panel Vinyl Sliding Glass Door	2,600.43	98.98
08 18 16 00-0024	EA	95-1/2" x 95-1/2" Frame Opening, 2-Panel Vinyl Sliding Glass Door	2,878.68	119.70
08 18 16 00-0025	EA	104-7/8" x 78-1/2" Frame Opening, 3-Panel Vinyl Sliding Glass Door	2,365.24	111.64
08 18 16 00-0026	EA	140-7/8" x 78-1/2" Frame Opening, 3-Panel Vinyl Sliding Glass Door	2,944.26	136.96
08 18 16 00-0027	EA	89-7/8" x 79-1/2" Frame Opening, 3-Panel Vinyl Sliding Glass Door	2,209.00	105.89
08 18 16 00-0028	EA	107-7/8" x 79-1/2" Frame Opening, 3-Panel Vinyl Sliding Glass Door	2,369.84	113.94
08 18 16 00-0029	EA	143-7/8" x 79-1/2" Frame Opening, 3-Panel Vinyl Sliding Glass Door	2,449.42	139.26
08 18 16 00-0030	EA	107-7/8" x 95-1/2" Frame Opening, 3-Panel Vinyl Sliding Glass Door	2,669.48	133.51
08 18 16 00-0031	EA	143-7/8" x 95-1/2" Frame Opening, 3-Panel Vinyl Sliding Glass Door	2,945.44	153.07
08 18 16 00-0032	EA	118-5/16" x 79-1/2" Frame Opening, 4-Panel Vinyl Sliding Glass Door	7,083.55	113.94
08 18 16 00-0033	EA	142-5/16" x 79-1/2" Frame Opening, 4-Panel Vinyl Sliding Glass Door	7,226.84	139.26
08 18 16 00-0034	EA	190-5/16" x 79-1/2" Frame Opening, 4-Panel Vinyl Sliding Glass Door	7,284.39	168.03
08 18 16 00-0035	EA	142-5/16" x 95-1/2" Frame Opening, 4-Panel Vinyl Sliding Glass Door	8,753.62	153.07

08 18 16 00-0036 Premium Vinyl Sliding Glass Doors (Jeld Wen V4500) *(08 18 16 00-0010)*

Note: Includes white solid vinyl interior and exterior, standard hardware and clear high-performance Low-E insulating glass. Excludes grilles and insect screens.

08 18 16 00-0037	EA	61-3/4" x 81-3/4" Frame Opening, 2-Panel Vinyl Sliding Glass Door (Jeld Wen V4500)	2,153.57	90.93
08 18 16 00-0038	EA	73-3/4" x 81-3/4" Frame Opening, 2-Panel Vinyl Sliding Glass Door (Jeld Wen V4500)	2,182.54	92.08
08 18 16 00-0039	EA	97-3/4" x 81-3/4" Frame Opening, 2-Panel Vinyl Sliding Glass Door (Jeld Wen V4500)	3,138.92	110.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 18 16 00-0040		Premium Vinyl Sliding Glass Doors (Pella V350) *(08 18 16 00-0010)* Note: Includes white solid vinyl interior and exterior, standard hardware and clear high-performance Low-E insulating glass. Excludes grilles and insect screens.		
08 18 16 00-0041	EA	61-3/4" x 81-3/4" Frame Opening, 2-Panel Vinyl Sliding Glass Door (Pella V350)	2,252.17	90.93
08 18 16 00-0042	EA	73-3/4" x 81-3/4" Frame Opening, 2-Panel Vinyl Sliding Glass Door (Pella V350)	2,282.47	92.08
08 18 16 00-0043	EA	97-3/4" x 81-3/4" Frame Opening, 2-Panel Vinyl Sliding Glass Door (Pella V350)	3,284.81	110.49
08 18 16 00-0044		Premium Vinyl Sliding Glass Doors (Milgard Style Line™ Series) *(08 18 16 00-0010)* Note: Includes white solid vinyl interior and exterior, standard hardware and clear high-performance Low-E insulating glass. Excludes grilles and insect screens. Minimum STC rating of 32 included in price.		
08 18 16 00-0045	EA	61-3/4" x 81-3/4" Frame Opening, 2-Panel Vinyl Sliding Glass Door (Milgard Style Line™ Series)	4,847.97	90.93
		For STC 44 Rating, Add	*5,366.05*	
08 18 16 00-0046	EA	73-3/4" x 81-3/4" Frame Opening, 2-Panel Vinyl Sliding Glass Door (Milgard Style Line™ Series)	5,326.16	92.08
		For STC 44 Rating, Add	*5,913.31*	
08 18 16 00-0047	EA	97-3/4" x 81-3/4" Frame Opening, 2-Panel Vinyl Sliding Glass Door (Milgard Style Line™ Series)	7,122.32	110.49
		For STC 44 Rating, Add	*7,936.54*	
08 18 16 00-0048		Sliding Wood-Framed Glass Doors *(08 18 16)*		
08 18 16 00-0049		Residential Wood Sliding Doors With 5/8" Glass *(08 18 16 00-0048)*		
08 18 16 00-0050	EA	6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	2,052.37	155.38
08 18 16 00-0051	EA	8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	2,505.54	189.90
08 18 16 00-0052	EA	9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	2,895.13	218.68
08 18 16 00-0053	EA	6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	2,255.01	155.38
08 18 16 00-0054	EA	8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	2,767.27	189.90
08 18 16 00-0055	EA	9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	3,219.04	218.68

08 30 Specialty Doors and Frames *(08)*

Note: Includes caulk, sealant and mounting anchors.

08 31 Access Doors and Panels *(08 30)*

See CSI section 07 72 33 00-0000 for roof hatches, 23 33 33 00-0000 for duct-mounted access doors.

08 31 13 Access Doors and Frames *(08 31)*

08 31 13 00-0001		Stainless Steel Access Doors *(08 31 13)*		
08 31 13 00-0002		Fire Rated Stainless Steel Access Doors *(08 31 13 00-0001)*		
08 31 13 00-0003	EA	12" x 12" Fire Rated Stainless Steel Access Door With Cam Latch	491.09	66.36
08 31 13 00-0004	EA	12" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	571.52	70.69
08 31 13 00-0005	EA	18" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	667.33	74.77
08 31 13 00-0006	EA	24" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	770.30	78.57
08 31 13 00-0007	EA	24" x 24" Fire Rated Stainless Steel Access Door With Cam Latch	788.02	78.97
08 31 13 00-0008	EA	24" x 36" Fire Rated Stainless Steel Access Door With Cam Latch	1,019.38	81.42
08 31 13 00-0009		Stainless Steel Access Doors *(08 31 13 00-0001)*		
08 31 13 00-0010	EA	8" x 8" Stainless Steel Access Door With Cam Latch	197.29	50.88
08 31 13 00-0011	EA	12" x 12" Stainless Steel Access Door With Cam Latch	235.65	66.36
08 31 13 00-0012	EA	12" x 18" Stainless Steel Access Door With Cam Latch	335.00	70.69
08 31 13 00-0013	EA	18" x 18" Stainless Steel Access Door With Cam Latch	359.56	74.77
08 31 13 00-0014	EA	24" x 18" Stainless Steel Access Door With Cam Latch	417.22	78.57
08 31 13 00-0015	EA	24" x 24" Stainless Steel Access Door With Cam Latch	475.26	78.97
08 31 13 00-0016		Steel Access Doors *(08 31 13)* Note: Includes paintable powder coated finish.		
08 31 13 00-0017		Insulated Fire Rated Steel Access Doors *(08 31 13 00-0016)*		
08 31 13 00-0018	EA	12" x 12" Insulated Fire Rated Steel Access Door With Cam Latch	231.78	66.76
08 31 13 00-0019	EA	12" x 18" Insulated Fire Rated Steel Access Door With Cam Latch	279.01	70.69
08 31 13 00-0020	EA	18" x 18" Insulated Fire Rated Steel Access Door With Cam Latch	281.60	74.77
08 31 13 00-0021	EA	24" x 18" Insulated Fire Rated Steel Access Door With Cam Latch	327.92	78.97
08 31 13 00-0022	EA	24" x 24" Insulated Fire Rated Steel Access Door With Cam Latch	340.40	78.97
08 31 13 00-0023	EA	24" x 36" Insulated Fire Rated Steel Access Door With Cam Latch	445.74	81.42
08 31 13 00-0024	EA	24" x 48" Insulated Fire Rated Steel Access Door With Cam Latch	506.62	84.81
08 31 13 00-0025	EA	36" x 36" Insulated Fire Rated Steel Access Door With Cam Latch	609.93	84.81
08 31 13 00-0026	EA	48" x 48" Insulated Fire Rated Steel Access Door With Cam Latch	776.95	101.77
08 31 13 00-0027		Steel Access Doors *(08 31 13 00-0016)*		
08 31 13 00-0028	EA	8" x 8" Steel Access Door With Cam Latch	137.57	51.15
08 31 13 00-0029	EA	12" x 12" Steel Access Door With Cam Latch	147.17	66.76
08 31 13 00-0030	EA	12" x 18" Steel Access Door With Cam Latch	165.30	70.69
08 31 13 00-0031	EA	18" x 18" Steel Access Door With Cam Latch	171.36	74.77
08 31 13 00-0032	EA	24" x 18" Steel Access Door With Cam Latch	196.88	78.97
08 31 13 00-0033	EA	24" x 24" Steel Access Door With Cam Latch	200.32	78.97
08 31 13 00-0034	EA	24" x 36" Steel Access Door With Cam Latch	257.82	81.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 31 13 00-0035	EA	36" x 36" Steel Access Door With Cam Latch	322.06	84.81
08 31 13 00-0036		**Fiberglass Reinforced Polyester (FRP) Access Doors** *(08 31 13)*		
08 31 13 00-0037	EA	8" x 8" Fiberglass Reinforced Polyester (FRP) Access Door With Lock	203.65	50.88
08 31 13 00-0038	EA	12" x 12" Fiberglass Reinforced Polyester (FRP) Access Door With Lock	225.49	54.28
08 31 13 00-0039	EA	12" x 18" Fiberglass Reinforced Polyester (FRP) Access Door With Lock	278.72	57.67
08 31 13 00-0040	EA	18" x 18" Fiberglass Reinforced Polyester (FRP) Access Door With Lock	331.76	61.06
08 31 13 00-0041	EA	24" x 18" Fiberglass Reinforced Polyester (FRP) Access Door With Lock	388.43	64.18
08 31 13 00-0042	EA	24" x 24" Fiberglass Reinforced Polyester (FRP) Access Door With Lock	416.78	64.45
08 31 13 00-0043		**Steel Recessed Access Doors For Drywall Application** *(08 31 13)*		
		Note: Includes paintable powder coated finish.		
08 31 13 00-0044	EA	8" x 8" Recessed Steel Access Door With Cam Latch	178.73	50.88
		For Recessed Doors In Acoustical Tile, Add	*29.16*	
08 31 13 00-0045	EA	12" x 12" Recessed Steel Access Door With Cam Latch	188.08	54.55
		For Recessed Doors In Acoustical Tile, Add	*31.76*	
08 31 13 00-0046	EA	12" x 18" Recessed Steel Access Door With Cam Latch	201.41	57.67
		For Recessed Doors In Acoustical Tile, Add	*33.25*	
08 31 13 00-0047	EA	18" x 18" Recessed Steel Access Door With Cam Latch	230.99	61.06
		For Recessed Doors In Acoustical Tile, Add	*32.52*	
08 31 13 00-0048	EA	24" x 18" Recessed Steel Access Door With Cam Latch	243.21	64.45
		For Recessed Doors In Acoustical Tile, Add	*34.43*	
08 31 13 00-0049	EA	24" x 24" Recessed Steel Access Door With Cam Latch	261.36	64.45
		For Recessed Doors In Acoustical Tile, Add	*31.71*	
08 31 13 00-0050	EA	24" x 36" Recessed Steel Access Door With Cam Latch	326.46	81.42
		For Recessed Doors In Acoustical Tile, Add	*40.59*	
08 31 13 00-0051	EA	36" x 36" Recessed Steel Access Door With Cam Latch	441.05	84.81
		For Recessed Doors In Acoustical Tile, Add	*27.13*	
08 31 13 00-0052		**Steel Crawl Space Doors And Frames** *(08 31 13)*		
		Note: Includes paintable powder coated finish.		
08 31 13 00-0053	EA	24" x 24" Steel Crawl Space Door With Cam Latch	210.33	85.89
08 31 13 00-0054	EA	30" x 24" Steel Crawl Space Door With Cam Latch	285.50	104.08
08 31 13 00-0055	EA	30" x 30" Steel Crawl Space Door With Cam Latch	317.85	113.03
08 31 13 00-0056		**Attic Access Doors And Frames** *(08 31 13)*		
		Note: Non-rated attic access doors and frames. Door: White mineral board face, extruded polystyrene (EPS) R-42 core 10" thick, and fire rated rubber sealing gasket over top of EPS core. Door is prefinished and painted satin white to match trim. Frame: Plywood frame is installed into a wood framed 22-1/2" x 30-1/2" rough opening. Frame is 12" tall and provides insulation dam. Wood trim is pre-secured to frame. Rubber gasket is installed on trim on each side of frame. Trim: Tapered wood trim 2" wide is pre-secured to frame and painted satin white to match door.		
08 31 13 00-0057	EA	22-1/2" x 30-1/2" Rough Opening, Wood, R-42 Insulated, Attic Access Door (Battic Doors Model 22 x 30 E-Z Hatch®)	827.75	230.19
08 31 13 00-0058	EA	22-1/2" x 30-1/2" Rough Opening, Wood, R-50 Insulated, Attic Access Door (Battic Doors Model 22 x 30 E-Z Hatch®)	920.06	230.19

08 33 Coiling Doors and Grilles *(08 30)*

08 33 13 Coiling Counter Doors *(08 33)*

08 33 13 00-0001 Overhead Rolling Counter Doors *(08 33 13)*

08 33 13 00-0002 Galvanized Steel Overhead Rolling Counter Doors *(08 33 13 00-0001)*

Note: Includes necessary anchors, track and hardware. Includes galvanized steel primed with choice of baked-on polyester topcoat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0003	EA	4' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	3,093.16	501.98
		For Motor Operator (With Safety Reverse), Add	*775.49*	
08 33 13 00-0004	EA	6' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	3,204.57	501.98
		For Motor Operator (With Safety Reverse), Add	*775.49*	
08 33 13 00-0005	EA	8' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	3,434.95	533.35
		For Motor Operator (With Safety Reverse), Add	*781.82*	
08 33 13 00-0006	EA	10' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	3,789.02	627.47
		For Motor Operator (With Safety Reverse), Add	*806.09*	
08 33 13 00-0007	EA	4' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	3,594.50	501.98
		For Motor Operator (With Safety Reverse), Add	*775.49*	
08 33 13 00-0008	EA	6' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	3,817.49	557.69
		For Motor Operator (With Safety Reverse), Add	*789.44*	
08 33 13 00-0009	EA	8' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	3,928.97	580.03
		For Motor Operator (With Safety Reverse), Add	*795.01*	
08 33 13 00-0010	EA	10' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	4,186.76	627.47
		For Motor Operator (With Safety Reverse), Add	*806.87*	

08 33 13 00-0011 Stainless Steel Overhead Rolling Counter Doors *(08 33 13 00-0001)*

Note: Includes necessary anchors, track and hardware. Includes No. 4 stainless steel finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0012	EA	4' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	4,313.32	501.98
		For Motor Operator (With Safety Reverse), Add	*775.49*	
08 33 13 00-0013	EA	6' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	4,755.98	501.98
		For Motor Operator (With Safety Reverse), Add	*775.49*	
08 33 13 00-0014	EA	8' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	4,899.74	533.35
		For Motor Operator (With Safety Reverse), Add	*781.82*	
08 33 13 00-0015	EA	10' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	5,947.24	627.47
		For Motor Operator (With Safety Reverse), Add	*806.09*	
08 33 13 00-0016	EA	4' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	5,037.68	501.98
		For Motor Operator (With Safety Reverse), Add	*775.49*	
08 33 13 00-0017	EA	6' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	5,257.60	557.69
		For Motor Operator (With Safety Reverse), Add	*789.44*	
08 33 13 00-0018	EA	8' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	5,393.86	580.03
		For Motor Operator (With Safety Reverse), Add	*795.01*	
08 33 13 00-0019	EA	10' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	6,719.65	627.47
		For Motor Operator (With Safety Reverse), Add	*806.87*	

08 33 13 00-0020 Aluminum Overhead Rolling Counter Doors *(08 33 13 00-0001)*

Note: Includes necessary anchors, track and hardware. Includes clear anodized aluminum finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0021	EA	4' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	4,478.81	501.98
		For Motor Operator (With Safety Reverse), Add	*775.49*	
08 33 13 00-0022	EA	6' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	4,653.08	501.98
		For Motor Operator (With Safety Reverse), Add	*775.49*	
08 33 13 00-0023	EA	8' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	5,152.01	533.35
		For Motor Operator (With Safety Reverse), Add	*781.82*	
08 33 13 00-0024	EA	10' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	6,091.72	627.47
		For Motor Operator (With Safety Reverse), Add	*806.09*	
08 33 13 00-0025	EA	4' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	5,263.00	501.98
		For Motor Operator (With Safety Reverse), Add	*775.49*	
08 33 13 00-0026	EA	6' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	5,533.14	557.69
		For Motor Operator (With Safety Reverse), Add	*789.44*	
08 33 13 00-0027	EA	8' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	5,697.82	580.03
		For Motor Operator (With Safety Reverse), Add	*795.01*	
08 33 13 00-0028	EA	10' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	7,057.99	627.47
		For Motor Operator (With Safety Reverse), Add	*806.87*	

08 33 13 00-0029 Galvanized Steel Overhead Rolling Counter Fire Doors *(08 33 13 00-0001)*

Note: Includes necessary anchors, track and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0030	EA	4' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	3,761.61	501.98
		For Motor Operator (With Safety Reverse), Add	*775.49*	
08 33 13 00-0031	EA	6' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	3,928.72	501.98
		For Motor Operator (With Safety Reverse), Add	*775.49*	
08 33 13 00-0032	EA	8' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	4,214.81	533.35
		For Motor Operator (With Safety Reverse), Add	*781.82*	
08 33 13 00-0033	EA	10' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	4,624.58	627.47
		For Motor Operator (With Safety Reverse), Add	*806.09*	
08 33 13 00-0034	EA	4' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	4,095.83	501.98
		For Motor Operator (With Safety Reverse), Add	*775.49*	
08 33 13 00-0035	EA	6' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	4,346.68	557.69
		For Motor Operator (With Safety Reverse), Add	*789.44*	
08 33 13 00-0036	EA	8' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	4,513.86	580.03
		For Motor Operator (With Safety Reverse), Add	*795.01*	
08 33 13 00-0037	EA	10' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	4,688.09	627.47
		For Motor Operator (With Safety Reverse), Add	*806.87*	

08 33 13 00-0038 Stainless Steel Overhead Rolling Counter Fire Doors *(08 33 13 00-0001)*

Note: Includes necessary anchors, track and hardware. Includes No. 4 stainless steel finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0039	EA	4' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	5,440.10	501.98
		For Motor Operator (With Safety Reverse), Add	*775.49*	
08 33 13 00-0040	EA	6' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	6,083.97	501.98
		For Motor Operator (With Safety Reverse), Add	*775.49*	
08 33 13 00-0041	EA	8' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	6,227.72	533.35
		For Motor Operator (With Safety Reverse), Add	*781.82*	
08 33 13 00-0042	EA	10' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	7,597.16	627.47
		For Motor Operator (With Safety Reverse), Add	*806.09*	
08 33 13 00-0043	EA	4' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	5,842.52	501.98
		For Motor Operator (With Safety Reverse), Add	*775.49*	
08 33 13 00-0044	EA	6' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	6,102.68	557.69
		For Motor Operator (With Safety Reverse), Add	*789.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0045	EA	8' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	6,319.42	580.03
		For Motor Operator (With Safety Reverse), Add	*795.01*	
08 33 13 00-0046	EA	10' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	7,685.45	627.47
		For Motor Operator (With Safety Reverse), Add	*806.87*	

08 33 13 00-0047 Integral Frame And Sill, Overhead Rolling Counter Doors *(08 33 13)*

08 33 13 00-0048 Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish, aluminum slats are finished with clear anodized finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0049	EA	4' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	8,051.23	501.98
		For Motor Operator (With Safety Reverse), Add	*775.49*	
08 33 13 00-0050	EA	6' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	8,225.49	501.98
		For Motor Operator (With Safety Reverse), Add	*775.49*	
08 33 13 00-0051	EA	8' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	21,589.58	533.35
		For Motor Operator (With Safety Reverse), Add	*781.82*	
08 33 13 00-0052	EA	10' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	8,879.95	627.47
		For Motor Operator (With Safety Reverse), Add	*806.09*	
08 33 13 00-0053	EA	4' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	8,312.62	501.98
		For Motor Operator (With Safety Reverse), Add	*775.49*	
08 33 13 00-0054	EA	6' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	8,626.33	557.69
		For Motor Operator (With Safety Reverse), Add	*789.44*	
08 33 13 00-0055	EA	8' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	8,856.36	580.03
		For Motor Operator (With Safety Reverse), Add	*795.01*	
08 33 13 00-0056	EA	10' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	9,846.21	627.47
		For Motor Operator (With Safety Reverse), Add	*806.87*	

08 33 13 00-0057 Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Frame and Stainless Steel Sill *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish, aluminum slats are finished with clear anodized finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0058	EA	4' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	7,179.91	501.98
		For Motor Operator (With Safety Reverse), Add	*775.49*	
08 33 13 00-0059	EA	6' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	7,354.17	501.98
		For Motor Operator (With Safety Reverse), Add	*775.49*	
08 33 13 00-0060	EA	8' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	7,591.70	533.35
		For Motor Operator (With Safety Reverse), Add	*781.82*	
08 33 13 00-0061	EA	10' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	8,008.63	627.47
		For Motor Operator (With Safety Reverse), Add	*806.09*	
08 33 13 00-0062	EA	4' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	7,964.09	501.98
		For Motor Operator (With Safety Reverse), Add	*775.49*	
08 33 13 00-0063	EA	6' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	8,277.80	557.69
		For Motor Operator (With Safety Reverse), Add	*789.44*	
08 33 13 00-0064	EA	8' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	8,594.96	580.03
		For Motor Operator (With Safety Reverse), Add	*795.01*	
08 33 13 00-0065	EA	10' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	8,887.76	627.47
		For Motor Operator (With Safety Reverse), Add	*806.87*	

08 33 13 00-0066 Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0067	EA	4' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	10,108.17	501.98
		For Motor Operator (With Safety Reverse), Add	*775.49*	
08 33 13 00-0068	EA	6' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	10,913.01	501.98
		For Motor Operator (With Safety Reverse), Add	*775.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0069	EA	8' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	12,585.96	533.35
		For Motor Operator (With Safety Reverse), Add	*781.82*	
08 33 13 00-0070	EA	10' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	13,633.46	627.47
		For Motor Operator (With Safety Reverse), Add	*806.09*	
08 33 13 00-0071	EA	4' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	11,315.43	501.98
		For Motor Operator (With Safety Reverse), Add	*775.49*	
08 33 13 00-0072	EA	6' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	12,259.71	557.69
		For Motor Operator (With Safety Reverse), Add	*789.44*	
08 33 13 00-0073	EA	8' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	13,522.74	580.03
		For Motor Operator (With Safety Reverse), Add	*795.01*	
08 33 13 00-0074	EA	10' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	15,250.95	627.47
		For Motor Operator (With Safety Reverse), Add	*806.87*	

08 33 13 00-0075 Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Frame and Stainless Steel Sill *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0076	EA	4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	6,379.70	501.98
		For Motor Operator (With Safety Reverse), Add	*775.49*	
08 33 13 00-0077	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	6,491.11	501.98
		For Motor Operator (With Safety Reverse), Add	*775.49*	
08 33 13 00-0078	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	6,777.19	533.35
		For Motor Operator (With Safety Reverse), Add	*781.82*	
08 33 13 00-0079	EA	10' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	7,409.78	627.47
		For Motor Operator (With Safety Reverse), Add	*806.09*	
08 33 13 00-0080	EA	4' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	6,713.92	501.98
		For Motor Operator (With Safety Reverse), Add	*775.49*	
08 33 13 00-0081	EA	6' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	7,187.59	557.69
		For Motor Operator (With Safety Reverse), Add	*789.44*	
08 33 13 00-0082	EA	8' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	7,577.58	580.03
		For Motor Operator (With Safety Reverse), Add	*795.01*	
08 33 13 00-0083	EA	10' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	8,810.19	627.47
		For Motor Operator (With Safety Reverse), Add	*806.87*	

08 33 13 00-0084 Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0085	EA	4' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660)	12,120.27	501.98
		For Motor Operator (With Safety Reverse), Add	*775.49*	
08 33 13 00-0086	EA	6' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660)	12,522.69	501.98
		For Motor Operator (With Safety Reverse), Add	*775.49*	
08 33 13 00-0087	EA	8' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660)	14,195.64	533.35
		For Motor Operator (With Safety Reverse), Add	*781.82*	

08 33 13 00-0088 Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0089	EA	4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661)	6,825.33	501.98
		For Motor Operator (With Safety Reverse), Add	*775.49*	
08 33 13 00-0090	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661)	9,053.49	501.98
		For Motor Operator (With Safety Reverse), Add	*775.49*	
08 33 13 00-0091	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661)	10,230.84	533.35
		For Motor Operator (With Safety Reverse), Add	*781.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0092		Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood *(08 33 13 00-0047)*		
		Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0093	EA	4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	6,045.47	501.98
		For Motor Operator (With Safety Reverse), Add	*775.49*	
08 33 13 00-0094	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	6,713.92	501.98
		For Motor Operator (With Safety Reverse), Add	*775.49*	
08 33 13 00-0095	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	7,167.12	533.35
		For Motor Operator (With Safety Reverse), Add	*781.82*	
08 33 13 00-0096	EA	10' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	7,966.82	627.47
		For Motor Operator (With Safety Reverse), Add	*806.09*	
08 33 16		**Coiling Counter Grilles** *(08 33)*		
08 33 16 00-0001		Galvanized Steel Overhead Coiling Counter Grilles (Width x Height) *(08 33 16)*		
08 33 16 00-0002	EA	4' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	1,593.43	219.62
		For Lexan Lattice Pattern, Add	*144.89*	
		For Staggered Brick Pattern, Add	*147.18*	
08 33 16 00-0003	EA	6' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	1,797.34	257.26
		For Lexan Lattice Pattern, Add	*159.48*	
		For Staggered Brick Pattern, Add	*199.66*	
08 33 16 00-0004	EA	8' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	1,998.35	292.78
		For Lexan Lattice Pattern, Add	*174.26*	
		For Staggered Brick Pattern, Add	*252.15*	
08 33 16 00-0005	EA	10' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,228.06	332.56
		For Lexan Lattice Pattern, Add	*193.03*	
		For Staggered Brick Pattern, Add	*304.64*	
08 33 16 00-0006	EA	12' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,457.98	370.20
		For Lexan Lattice Pattern, Add	*211.80*	
		For Staggered Brick Pattern, Add	*357.12*	
08 33 16 00-0007	EA	14' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,767.56	401.58
		For Lexan Lattice Pattern, Add	*242.42*	
		For Staggered Brick Pattern, Add	*414.02*	
08 33 16 00-0008	EA	16' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	3,075.27	439.22
		For Lexan Lattice Pattern, Add	*273.05*	
		For Staggered Brick Pattern, Add	*470.91*	
08 33 16 00-0009	EA	18' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	3,487.78	501.98
		For Lexan Lattice Pattern, Add	*303.68*	
		For Staggered Brick Pattern, Add	*470.91*	
08 33 16 00-0010	EA	20' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	3,921.99	585.43
		For Lexan Lattice Pattern, Add	*337.31*	
		For Staggered Brick Pattern, Add	*584.70*	
08 33 16 00-0011	EA	24' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	4,852.33	702.76
		For Lexan Lattice Pattern, Add	*426.18*	
		For Staggered Brick Pattern, Add	*604.61*	
08 33 16 00-0012	EA	30' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	6,015.71	878.46
		For Lexan Lattice Pattern, Add	*525.88*	
		For Staggered Brick Pattern, Add	*694.03*	
08 33 16 00-0013	EA	4' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	1,645.16	219.62
		For Lexan Lattice Pattern, Add	*152.65*	
		For Staggered Brick Pattern, Add	*170.99*	
08 33 16 00-0014	EA	6' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	1,869.32	257.26
		For Lexan Lattice Pattern, Add	*170.28*	
		For Staggered Brick Pattern, Add	*232.56*	
08 33 16 00-0015	EA	8' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,008.58	292.91
		For Lexan Lattice Pattern, Add	*175.79*	
		For Staggered Brick Pattern, Add	*294.12*	
08 33 16 00-0016	EA	10' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,223.79	332.56
		For Lexan Lattice Pattern, Add	*192.39*	
		For Staggered Brick Pattern, Add	*355.68*	
08 33 16 00-0017	EA	12' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,441.07	370.20
		For Lexan Lattice Pattern, Add	*208.98*	
		For Staggered Brick Pattern, Add	*417.23*	
08 33 16 00-0018	EA	14' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,774.16	401.58
		For Lexan Lattice Pattern, Add	*243.41*	
		For Staggered Brick Pattern, Add	*495.80*	
08 33 16 00-0019	EA	16' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	3,107.24	439.22
		For Lexan Lattice Pattern, Add	*277.85*	
		For Staggered Brick Pattern, Add	*574.37*	
08 33 16 00-0020	EA	18' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	3,545.12	501.98
		For Lexan Lattice Pattern, Add	*312.28*	
		For Staggered Brick Pattern, Add	*574.37*	
08 33 16 00-0021	EA	20' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	3,980.20	585.43
		For Lexan Lattice Pattern, Add	*346.71*	
		For Staggered Brick Pattern, Add	*731.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 16 00-0022	EA	24' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	4,984.92	702.76
		For Lexan Lattice Pattern, Add	*446.07*	
		For Staggered Brick Pattern, Add	*843.29*	
08 33 16 00-0023	EA	30' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	6,098.26	878.46
		For Lexan Lattice Pattern, Add	*538.26*	
		For Staggered Brick Pattern, Add	*945.38*	
08 33 16 00-0024		Aluminum Overhead Coiling Counter Grilles (Width x Height) *(08 33 16)*		
08 33 16 00-0025	EA	4' x 4', Aluminum Overhead Coiling Counter Grilles, Manual Lift	1,699.28	219.62
		For Lexan Lattice Pattern, Add	*160.77*	
		For Staggered Brick Pattern, Add	*147.18*	
08 33 16 00-0026	EA	6' x 4', Aluminum Overhead Coiling Counter Grilles, Manual Lift	1,943.01	257.26
		For Lexan Lattice Pattern, Add	*181.33*	
		For Staggered Brick Pattern, Add	*199.66*	
08 33 16 00-0027	EA	8' x 4', Aluminum Overhead Coiling Counter Grilles, Manual Lift	2,183.85	292.78
		For Lexan Lattice Pattern, Add	*202.08*	
		For Staggered Brick Pattern, Add	*252.15*	
08 33 16 00-0028	EA	10' x 4', Aluminum Overhead Coiling Counter Grilles, Manual Lift	2,453.38	332.56
		For Lexan Lattice Pattern, Add	*226.83*	
		For Staggered Brick Pattern, Add	*304.64*	
08 33 16 00-0029	EA	12' x 4', Aluminum Overhead Coiling Counter Grilles, Manual Lift	2,724.98	370.20
		For Lexan Lattice Pattern, Add	*251.57*	
		For Staggered Brick Pattern, Add	*357.12*	
08 33 16 00-0030	EA	14' x 4', Aluminum Overhead Coiling Counter Grilles, Manual Lift	3,098.71	401.58
		For Lexan Lattice Pattern, Add	*292.10*	
		For Staggered Brick Pattern, Add	*414.02*	
08 33 16 00-0031	EA	16' x 4', Aluminum Overhead Coiling Counter Grilles, Manual Lift	3,472.45	439.22
		For Lexan Lattice Pattern, Add	*332.63*	
		For Staggered Brick Pattern, Add	*470.91*	
08 33 16 00-0032	EA	18' x 4', Aluminum Overhead Coiling Counter Grilles, Manual Lift	3,950.99	501.98
		For Lexan Lattice Pattern, Add	*373.16*	
		For Staggered Brick Pattern, Add	*470.91*	
08 33 16 00-0033	EA	20' x 4', Aluminum Overhead Coiling Counter Grilles, Manual Lift	4,431.19	585.43
		For Lexan Lattice Pattern, Add	*413.69*	
		For Staggered Brick Pattern, Add	*584.70*	
08 33 16 00-0034	EA	24' x 4', Aluminum Overhead Coiling Counter Grilles, Manual Lift	5,487.42	702.76
		For Lexan Lattice Pattern, Add	*521.45*	
		For Staggered Brick Pattern, Add	*604.61*	
08 33 16 00-0035	EA	30' x 4', Aluminum Overhead Coiling Counter Grilles, Manual Lift	6,759.06	878.46
		For Lexan Lattice Pattern, Add	*637.38*	
		For Staggered Brick Pattern, Add	*694.03*	
08 33 16 00-0036	EA	4' x 6', Aluminum Overhead Coiling Counter Grilles, Manual Lift	1,803.91	219.62
		For Lexan Lattice Pattern, Add	*176.47*	
		For Staggered Brick Pattern, Add	*170.99*	
08 33 16 00-0037	EA	6' x 6', Aluminum Overhead Coiling Counter Grilles, Manual Lift	2,107.45	257.26
		For Lexan Lattice Pattern, Add	*206.00*	
		For Staggered Brick Pattern, Add	*232.56*	
08 33 16 00-0038	EA	8' x 6', Aluminum Overhead Coiling Counter Grilles, Manual Lift	2,326.06	292.91
		For Lexan Lattice Pattern, Add	*223.42*	
		For Staggered Brick Pattern, Add	*294.12*	
08 33 16 00-0039	EA	10' x 6', Aluminum Overhead Coiling Counter Grilles, Manual Lift	2,620.68	332.56
		For Lexan Lattice Pattern, Add	*251.92*	
		For Staggered Brick Pattern, Add	*355.68*	
08 33 16 00-0040	EA	12' x 6', Aluminum Overhead Coiling Counter Grilles, Manual Lift	2,917.39	370.20
		For Lexan Lattice Pattern, Add	*280.43*	
		For Staggered Brick Pattern, Add	*417.23*	
08 33 16 00-0041	EA	14' x 6', Aluminum Overhead Coiling Counter Grilles, Manual Lift	3,329.87	401.58
		For Lexan Lattice Pattern, Add	*326.77*	
		For Staggered Brick Pattern, Add	*495.80*	
08 33 16 00-0042	EA	16' x 6', Aluminum Overhead Coiling Counter Grilles, Manual Lift	3,742.34	439.22
		For Lexan Lattice Pattern, Add	*373.11*	
		For Staggered Brick Pattern, Add	*574.37*	
08 33 16 00-0043	EA	18' x 6', Aluminum Overhead Coiling Counter Grilles, Manual Lift	4,259.60	501.98
		For Lexan Lattice Pattern, Add	*419.45*	
		For Staggered Brick Pattern, Add	*574.37*	
08 33 16 00-0044	EA	20' x 6', Aluminum Overhead Coiling Counter Grilles, Manual Lift	4,774.07	585.43
		For Lexan Lattice Pattern, Add	*465.79*	
		For Staggered Brick Pattern, Add	*731.51*	
08 33 16 00-0045	EA	24' x 6', Aluminum Overhead Coiling Counter Grilles, Manual Lift	5,937.55	702.76
		For Lexan Lattice Pattern, Add	*588.97*	
		For Staggered Brick Pattern, Add	*843.29*	
08 33 16 00-0046	EA	30' x 6', Aluminum Overhead Coiling Counter Grilles, Manual Lift	7,207.37	878.46
		For Lexan Lattice Pattern, Add	*704.63*	
		For Staggered Brick Pattern, Add	*945.38*	

08 33 23 Overhead Coiling Doors *(08 33)*

Note: Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-0051 for scissor lifts, 01 22 23 00-0943 for forklift.

08 33 23 11 Overhead Coiling Doors *(08 33 23)*

Note: Includes panels, guides, counterbalance mechanisms, hardware, and/or trim as required. Excludes lifting equipment (forklift or scissor lift) where required.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0001		**Galvanized Steel Overhead Coiling Doors (Width x Height)** *(08 33 23 11)* Note: Includes necessary anchors, track, and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. 20 pounds per square foot (PSF) wind load. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports, weatherstripping and weatherseal. See CSI section 05 12 23 00-0105 for lightweight framing and angle iron.		
08 33 23 11-0002		**26 Gauge Galvanized Steel Overhead Coiling Doors** *(08 33 23 11-0001)*		
08 33 23 11-0003	EA	4' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,408.07	589.85
08 33 23 11-0004	EA	4' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,508.92	624.56
08 33 23 11-0005	EA	5' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,505.24	624.56
08 33 23 11-0006	EA	5' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,610.90	659.25
08 33 23 11-0007	EA	6' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,637.12	676.63
08 33 23 11-0008	EA	6' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,777.06	728.64
08 33 23 11-0009	EA	6' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,896.43	763.34
08 33 23 11-0010	EA	8' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,860.13	763.34
08 33 23 11-0011	EA	8' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,921.13	780.69
08 33 23 11-0012	EA	8' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,993.80	798.04
08 33 23 11-0013	EA	8' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	2,136.67	832.74
08 33 23 11-0014	EA	10' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,988.74	798.04
08 33 23 11-0015	EA	10' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	2,112.50	832.74
08 33 23 11-0016	EA	10' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	2,254.38	867.44
08 33 23 11-0017	EA	10' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	2,361.23	902.13
08 33 23 11-0018		**24 Gauge Galvanized Steel Overhead Coiling Doors** *(08 33 23 11-0001)* Note: With curtain hood (barrel cover).		
08 33 23 11-0019	EA	8' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,490.47	877.84
		For 3/4" Insulated Slats, Add	*1,520.55*	
08 33 23 11-0020	EA	8' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,590.39	897.80
		For 3/4" Insulated Slats, Add	*1,570.51*	
08 33 23 11-0021	EA	8' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,885.90	957.65
		For 3/4" Insulated Slats, Add	*1,717.37*	
08 33 23 11-0022	EA	8' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,148.64	997.55
		For 3/4" Insulated Slats, Add	*1,864.54*	
08 33 23 11-0023	EA	10' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,737.69	917.75
		For 3/4" Insulated Slats, Add	*1,656.09*	
08 33 23 11-0024	EA	10' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,034.04	997.55
		For 3/4" Insulated Slats, Add	*1,778.59*	
08 33 23 11-0025	EA	10' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,250.60	1,037.45
		For 3/4" Insulated Slats, Add	*1,891.13*	
08 33 23 11-0026	EA	10' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,527.48	1,077.35
		For 3/4" Insulated Slats, Add	*2,048.92*	
08 33 23 11-0027	EA	12' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,996.64	957.65
		For 3/4" Insulated Slats, Add	*1,800.42*	
08 33 23 11-0028	EA	12' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,234.88	997.55
		For 3/4" Insulated Slats, Add	*1,929.22*	
08 33 23 11-0029	EA	12' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,552.94	1,077.35
		For 3/4" Insulated Slats, Add	*2,068.01*	
08 33 23 11-0030	EA	12' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,910.21	1,112.05
		For 3/4" Insulated Slats, Add	*2,292.59*	
08 33 23 11-0031	EA	14' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,019.02	1,181.45
		For 3/4" Insulated Slats, Add	*2,287.46*	
08 33 23 11-0032	EA	14' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,487.57	1,250.84
		For 3/4" Insulated Slats, Add	*2,552.13*	
08 33 23 11-0033	EA	14' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,976.12	1,320.23
		For 3/4" Insulated Slats, Add	*2,831.80*	
08 33 23 11-0034		**22 Gauge Galvanized Steel Overhead Coiling Doors** *(08 33 23 11-0001)* Note: With curtain hood (barrel cover).		
08 33 23 11-0035	EA	4' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,074.87	790.06
		For 3/4" Insulated Slats, Add	*1,318.58*	
08 33 23 11-0036	EA	4' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,312.19	833.96
		For 3/4" Insulated Slats, Add	*1,441.66*	
08 33 23 11-0037	EA	4' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,480.29	868.66
		For 3/4" Insulated Slats, Add	*1,524.37*	
08 33 23 11-0038	EA	6' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,505.47	921.74
		For 3/4" Insulated Slats, Add	*1,476.89*	
08 33 23 11-0039	EA	6' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,847.22	1,009.53
		For 3/4" Insulated Slats, Add	*1,623.47*	
08 33 23 11-0040	EA	6' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,069.32	1,044.23
		For 3/4" Insulated Slats, Add	*1,746.68*	
08 33 23 11-0041	EA	6' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,608.73	1,078.92
		For 3/4" Insulated Slats, Add	*2,107.86*	
08 33 23 11-0042	EA	6' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,182.83	1,130.97
		For 3/4" Insulated Slats, Add	*2,473.38*	
08 33 23 11-0043	EA	8' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,813.09	987.57
		For 3/4" Insulated Slats, Add	*1,625.37*	
08 33 23 11-0044	EA	8' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,128.59	1,053.41
		For 3/4" Insulated Slats, Add	*1,779.68*	
08 33 23 11-0045	EA	8' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,383.66	1,097.31
		For 3/4" Insulated Slats, Add	*1,916.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0046	EA	8' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,902.04	1,132.01
		For 3/4" Insulated Slats, Add	*2,261.48*	
08 33 23 11-0047	EA	8' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,455.09	1,184.06
		For 3/4" Insulated Slats, Add	*2,611.21*	
08 33 23 11-0048	EA	10' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,503.82	1,141.20
		For 3/4" Insulated Slats, Add	*1,951.37*	
08 33 23 11-0049	EA	10' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,839.35	1,185.10
		For 3/4" Insulated Slats, Add	*2,148.11*	
08 33 23 11-0050	EA	10' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,448.03	1,254.49
		For 3/4" Insulated Slats, Add	*2,517.87*	
08 33 23 11-0051	EA	10' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,126.10	1,358.59
		For 3/4" Insulated Slats, Add	*2,896.31*	
08 33 23 11-0052	EA	10' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,817.00	1,497.37
		For 3/4" Insulated Slats, Add	*3,241.00*	
08 33 23 11-0053	EA	10' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,577.31	1,670.86
		For 3/4" Insulated Slats, Add	*3,594.37*	
08 33 23 11-0054	EA	10' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,407.00	1,879.05
		For 3/4" Insulated Slats, Add	*3,956.41*	
08 33 23 11-0055	EA	10' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,304.34	2,121.93
		For 3/4" Insulated Slats, Add	*4,325.81*	
08 33 23 11-0056	EA	12' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,855.96	1,185.10
		For 3/4" Insulated Slats, Add	*2,160.56*	
08 33 23 11-0057	EA	12' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,189.17	1,223.27
		For 3/4" Insulated Slats, Add	*2,362.77*	
08 33 23 11-0058	EA	12' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,950.22	1,292.66
		For 3/4" Insulated Slats, Add	*2,846.81*	
08 33 23 11-0059	EA	12' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,780.65	1,396.76
		For 3/4" Insulated Slats, Add	*3,339.51*	
08 33 23 11-0060	EA	12' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,594.13	1,535.54
		For 3/4" Insulated Slats, Add	*3,776.14*	
08 33 23 11-0061	EA	12' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,477.00	1,709.02
		For 3/4" Insulated Slats, Add	*4,221.43*	
08 33 23 11-0062	EA	12' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,429.27	1,917.22
		For 3/4" Insulated Slats, Add	*4,675.40*	
08 33 23 11-0063	EA	12' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,520.31	2,194.79
		For 3/4" Insulated Slats, Add	*5,146.71*	

08 33 23 11-0064 20 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 11-0001)*

Note: With curtain hood (barrel cover)

08 33 23 11-0065	EA	14' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,936.45	1,379.93
		For 3/4" Insulated Slats, Add	*2,727.44*	
08 33 23 11-0066	EA	14' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,506.55	1,449.33
		For 3/4" Insulated Slats, Add	*3,068.28*	
08 33 23 11-0067	EA	14' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,191.38	1,518.72
		For 3/4" Insulated Slats, Add	*3,495.15*	
08 33 23 11-0068	EA	14' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,873.89	1,622.81
		For 3/4" Insulated Slats, Add	*3,876.92*	
08 33 23 11-0069	EA	14' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,664.96	1,761.60
		For 3/4" Insulated Slats, Add	*4,296.74*	
08 33 23 11-0070	EA	14' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,455.32	1,900.39
		For 3/4" Insulated Slats, Add	*4,716.02*	
08 33 23 11-0071	EA	14' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,089.99	2,073.87
		For 3/4" Insulated Slats, Add	*5,725.16*	
08 33 23 11-0072	EA	14' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,794.04	2,282.06
		For 3/4" Insulated Slats, Add	*6,742.97*	
08 33 23 11-0073	EA	16' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,146.55	1,586.92
		For 3/4" Insulated Slats, Add	*3,376.26*	
08 33 23 11-0074	EA	16' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,793.79	1,656.32
		For 3/4" Insulated Slats, Add	*3,774.95*	
08 33 23 11-0075	EA	16' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,371.25	1,725.71
		For 3/4" Insulated Slats, Add	*4,121.30*	
08 33 23 11-0076	EA	16' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,038.29	1,829.81
		For 3/4" Insulated Slats, Add	*4,491.47*	
08 33 23 11-0077	EA	16' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,832.88	1,968.59
		For 3/4" Insulated Slats, Add	*4,913.92*	
08 33 23 11-0078	EA	16' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,737.39	2,107.38
		For 3/4" Insulated Slats, Add	*5,418.81*	
08 33 23 11-0079	EA	16' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,103.80	2,280.87
		For 3/4" Insulated Slats, Add	*6,226.76*	
08 33 23 11-0080	EA	16' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,550.20	2,489.05
		For 3/4" Insulated Slats, Add	*7,051.33*	
08 33 23 11-0081	EA	18' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,730.47	1,785.29
		For 3/4" Insulated Slats, Add	*3,566.20*	
08 33 23 11-0082	EA	18' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,310.74	1,854.68
		For 3/4" Insulated Slats, Add	*3,914.66*	
08 33 23 11-0083	EA	18' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,236.11	1,958.78
		For 3/4" Insulated Slats, Add	*4,478.57*	
08 33 23 11-0084	EA	18' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,095.75	2,097.57
		For 3/4" Insulated Slats, Add	*4,949.82*	
08 33 23 11-0085	EA	18' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,030.20	2,271.06
		For 3/4" Insulated Slats, Add	*5,433.80*	
08 33 23 11-0086	EA	18' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,034.77	2,479.24
		For 3/4" Insulated Slats, Add	*5,926.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0087	EA	18' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,736.79	2,722.12
		For 3/4" Insulated Slats, Add	*6,899.91*	
08 33 23 11-0088	EA	18' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,540.37	2,999.70
		For 3/4" Insulated Slats, Add	*7,905.62*	
08 33 23 11-0089	EA	20' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,837.37	2,053.08
		For 3/4" Insulated Slats, Add	*4,061.63*	
08 33 23 11-0090	EA	20' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,936.12	2,122.48
		For 3/4" Insulated Slats, Add	*4,798.95*	
08 33 23 11-0091	EA	20' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,252.04	2,510.24
		For 3/4" Insulated Slats, Add	*5,301.26*	
08 33 23 11-0092	EA	20' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,426.71	2,614.34
		For 3/4" Insulated Slats, Add	*6,052.15*	
08 33 23 11-0093	EA	20' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,840.41	2,753.13
		For 3/4" Insulated Slats, Add	*6,938.93*	
08 33 23 11-0094	EA	20' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,415.11	2,891.92
		For 3/4" Insulated Slats, Add	*7,946.47*	
08 33 23 11-0095	EA	20' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	17,066.80	3,065.41
		For 3/4" Insulated Slats, Add	*8,968.38*	
08 33 23 11-0096	EA	20' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	18,814.50	3,273.59
		For 3/4" Insulated Slats, Add	*10,018.93*	
08 33 23 11-0097	EA	22' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,685.63	2,430.44
		For 3/4" Insulated Slats, Add	*4,226.20*	
08 33 23 11-0098	EA	22' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,919.32	2,534.53
		For 3/4" Insulated Slats, Add	*5,021.36*	
08 33 23 11-0099	EA	22' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,581.93	2,761.27
		For 3/4" Insulated Slats, Add	*5,984.84*	
08 33 23 11-0100	EA	22' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,107.98	2,865.35
		For 3/4" Insulated Slats, Add	*6,999.26*	
08 33 23 11-0101	EA	22' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,708.48	3,004.14
		For 3/4" Insulated Slats, Add	*8,026.15*	
08 33 23 11-0102	EA	22' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	17,469.41	3,142.93
		For 3/4" Insulated Slats, Add	*9,173.36*	
08 33 23 11-0103	EA	22' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	19,305.02	3,316.42
		For 3/4" Insulated Slats, Add	*10,333.21*	
08 33 23 11-0104	EA	22' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	21,199.33	3,524.60
		For 3/4" Insulated Slats, Add	*11,493.71*	
08 33 23 11-0105	EA	24' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,674.96	2,673.48
		For 3/4" Insulated Slats, Add	*4,664.34*	
08 33 23 11-0106	EA	24' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,514.78	2,742.87
		For 3/4" Insulated Slats, Add	*5,207.46*	
08 33 23 11-0107	EA	24' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,325.21	2,812.27
		For 3/4" Insulated Slats, Add	*6,478.54*	
08 33 23 11-0108	EA	24' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,026.32	2,916.35
		For 3/4" Insulated Slats, Add	*7,624.26*	
08 33 23 11-0109	EA	24' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	16,731.13	3,055.15
		For 3/4" Insulated Slats, Add	*8,729.38*	
08 33 23 11-0110	EA	24' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	18,595.15	3,193.94
		For 3/4" Insulated Slats, Add	*9,953.91*	
08 33 23 11-0111	EA	24' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	20,859.60	3,384.78
		For 3/4" Insulated Slats, Add	*11,413.70*	
08 33 23 11-0112	EA	24' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	23,177.76	3,575.61
		For 3/4" Insulated Slats, Add	*12,913.78*	

08 33 23 11-0113 18 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 11-0001)*

Note: With curtain hood (barrel cover).

08 33 23 11-0114	EA	14' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,550.90	1,448.96
		For 3/4" Insulated Slats, Add	*3,102.06*	
08 33 23 11-0115	EA	14' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,192.64	1,521.82
		For 3/4" Insulated Slats, Add	*3,492.29*	
08 33 23 11-0116	EA	14' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,966.32	1,594.70
		For 3/4" Insulated Slats, Add	*3,981.46*	
08 33 23 11-0117	EA	14' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,730.38	1,703.92
		For 3/4" Insulated Slats, Add	*4,417.89*	
08 33 23 11-0118	EA	14' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,612.35	1,849.65
		For 3/4" Insulated Slats, Add	*4,897.21*	
08 33 23 11-0119	EA	14' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,493.52	1,995.38
		For 3/4" Insulated Slats, Add	*5,375.92*	
08 33 23 11-0120	EA	14' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,338.67	2,177.60
		For 3/4" Insulated Slats, Add	*6,532.08*	
08 33 23 11-0121	EA	14' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,256.71	2,396.20
		For 3/4" Insulated Slats, Add	*7,697.37*	
08 33 23 11-0122	EA	16' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,901.07	1,666.30
		For 3/4" Insulated Slats, Add	*3,843.01*	
08 33 23 11-0123	EA	16' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,631.54	1,739.18
		For 3/4" Insulated Slats, Add	*4,299.77*	
08 33 23 11-0124	EA	16' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,281.75	1,812.04
		For 3/4" Insulated Slats, Add	*4,696.35*	
08 33 23 11-0125	EA	16' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,028.02	1,921.27
		For 3/4" Insulated Slats, Add	*5,119.43*	
08 33 23 11-0126	EA	16' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,914.04	2,067.00
		For 3/4" Insulated Slats, Add	*5,601.79*	
08 33 23 11-0127	EA	16' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,926.46	2,212.72
		For 3/4" Insulated Slats, Add	*6,178.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0128	EA	16' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,463.14	2,394.96
		For 3/4" Insulated Slats, Add	*7,103.75*	
08 33 23 11-0129	EA	16' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,084.85	2,613.55
		For 3/4" Insulated Slats, Add	*8,046.79*	
08 33 23 11-0130	EA	18' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,532.94	1,874.50
		For 3/4" Insulated Slats, Add	*4,056.50*	
08 33 23 11-0131	EA	18' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,186.35	1,947.36
		For 3/4" Insulated Slats, Add	*4,455.48*	
08 33 23 11-0132	EA	18' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,229.71	2,056.72
		For 3/4" Insulated Slats, Add	*5,101.38*	
08 33 23 11-0133	EA	18' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,190.56	2,202.45
		For 3/4" Insulated Slats, Add	*5,639.85*	
08 33 23 11-0134	EA	18' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,230.47	2,384.54
		For 3/4" Insulated Slats, Add	*6,192.09*	
08 33 23 11-0135	EA	18' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,344.07	2,603.14
		For 3/4" Insulated Slats, Add	*6,754.05*	
08 33 23 11-0136	EA	18' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,252.83	2,858.23
		For 3/4" Insulated Slats, Add	*7,866.83*	
08 33 23 11-0137	EA	18' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	17,271.42	3,149.69
		For 3/4" Insulated Slats, Add	*9,016.45*	
08 33 23 11-0138	EA	20' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,752.32	2,155.68
		For 3/4" Insulated Slats, Add	*4,619.55*	
08 33 23 11-0139	EA	20' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,001.99	2,228.55
		For 3/4" Insulated Slats, Add	*5,465.72*	
08 33 23 11-0140	EA	20' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,195.51	2,635.75
		For 3/4" Insulated Slats, Add	*5,851.94*	
08 33 23 11-0141	EA	20' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,487.98	2,745.12
		For 3/4" Insulated Slats, Add	*6,684.67*	
08 33 23 11-0142	EA	20' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,041.79	2,890.85
		For 3/4" Insulated Slats, Add	*7,667.87*	
08 33 23 11-0143	EA	20' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	16,774.50	3,036.58
		For 3/4" Insulated Slats, Add	*8,785.24*	
08 33 23 11-0144	EA	20' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	18,588.51	3,218.67
		For 3/4" Insulated Slats, Add	*9,918.05*	
08 33 23 11-0145	EA	20' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	20,504.95	3,437.26
		For 3/4" Insulated Slats, Add	*11,082.13*	
08 33 23 11-0146	EA	22' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,464.73	2,551.93
		For 3/4" Insulated Slats, Add	*4,658.64*	
08 33 23 11-0147	EA	22' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,822.77	2,661.29
		For 3/4" Insulated Slats, Add	*5,540.55*	
08 33 23 11-0148	EA	22' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,642.50	2,899.31
		For 3/4" Insulated Slats, Add	*6,607.64*	
08 33 23 11-0149	EA	22' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,325.37	3,008.68
		For 3/4" Insulated Slats, Add	*7,733.18*	
08 33 23 11-0150	EA	22' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	17,086.76	3,154.41
		For 3/4" Insulated Slats, Add	*8,872.06*	
08 33 23 11-0151	EA	22' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	19,026.37	3,300.14
		For 3/4" Insulated Slats, Add	*10,144.60*	
08 33 23 11-0152	EA	22' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	21,044.75	3,482.23
		For 3/4" Insulated Slats, Add	*11,430.69*	
08 33 23 11-0153	EA	22' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	23,124.10	3,700.83
		For 3/4" Insulated Slats, Add	*12,716.96*	
08 33 23 11-0154	EA	24' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,534.26	2,807.16
		For 3/4" Insulated Slats, Add	*5,141.75*	
08 33 23 11-0155	EA	24' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,458.91	2,880.02
		For 3/4" Insulated Slats, Add	*5,744.16*	
08 33 23 11-0156	EA	24' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,462.01	2,952.89
		For 3/4" Insulated Slats, Add	*7,155.40*	
08 33 23 11-0157	EA	24' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	16,339.42	3,062.11
		For 3/4" Insulated Slats, Add	*8,426.83*	
08 33 23 11-0158	EA	24' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	18,216.70	3,207.84
		For 3/4" Insulated Slats, Add	*9,652.63*	
08 33 23 11-0159	EA	24' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	20,270.88	3,353.58
		For 3/4" Insulated Slats, Add	*11,011.10*	
08 33 23 11-0160	EA	24' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	22,763.67	3,553.99
		For 3/4" Insulated Slats, Add	*12,630.18*	
08 33 23 11-0161	EA	24' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	25,316.01	3,754.40
		For 3/4" Insulated Slats, Add	*14,294.01*	

08 33 23 11-0162 Aluminum Overhead Coiling Doors (Width x Height) *(08 33 23 11)*

Note: Includes necessary anchors, track and hardware. Includes clear anodized aluminum finish. 20 pounds per square foot (PSF) wind load. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports, weatherstripping and weatherseal. See CSI section 05 12 23 00-0105 for lightweight framing and angle iron.

08 33 23 11-0163 0.04" Aluminum Overhead Coiling Doors *(08 33 23 11-0162)*

08 33 23 11-0164	EA	4' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,549.83	790.06
08 33 23 11-0165	EA	4' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,732.75	833.96
08 33 23 11-0166	EA	4' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,156.88	868.66
08 33 23 11-0167	EA	6' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,100.45	921.74
08 33 23 11-0168	EA	6' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,393.63	1,009.53
08 33 23 11-0169	EA	6' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,580.68	1,044.23
08 33 23 11-0170	EA	6' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,803.00	1,078.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0171	EA	6' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,062.59	1,130.97
08 33 23 11-0172	EA	8' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,377.19	987.57
08 33 23 11-0173	EA	8' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,668.11	1,053.41
08 33 23 11-0174	EA	8' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,917.65	1,097.31
08 33 23 11-0175	EA	8' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,140.15	1,132.01
08 33 23 11-0176	EA	8' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,398.18	1,184.06
08 33 23 11-0177	EA	10' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,017.84	1,141.20
08 33 23 11-0178	EA	10' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,263.72	1,185.10
08 33 23 11-0179	EA	10' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,597.41	1,254.49
08 33 23 11-0180	EA	10' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,001.58	1,358.59
08 33 23 11-0181	EA	10' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,614.29	1,497.37
08 33 23 11-0182	EA	10' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift	6,296.34	1,670.86
08 33 23 11-0183	EA	10' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift	7,044.56	1,879.05
08 33 23 11-0184	EA	10' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift	7,863.13	2,121.93
08 33 23 11-0185	EA	12' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,259.76	1,185.10
08 33 23 11-0186	EA	12' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,717.77	1,223.27
08 33 23 11-0187	EA	12' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,154.03	1,292.66
08 33 23 11-0188	EA	12' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,661.48	1,396.76
08 33 23 11-0189	EA	12' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift	6,344.44	1,535.54
08 33 23 11-0190	EA	12' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift	7,098.31	1,709.02
08 33 23 11-0191	EA	12' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift	7,697.66	1,917.22
08 33 23 11-0192	EA	12' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift	8,437.86	2,194.79
08 33 23 11-0193		**0.05" Aluminum Overhead Coiling Doors** *(08 33 23 11-0162)*		
08 33 23 11-0194	EA	14' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	4,883.67	1,379.93
08 33 23 11-0195	EA	14' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,447.22	1,449.33
08 33 23 11-0196	EA	14' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,000.74	1,518.72
08 33 23 11-0197	EA	14' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,583.41	1,622.81
08 33 23 11-0198	EA	14' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,268.17	1,761.60
08 33 23 11-0199	EA	14' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,952.91	1,900.39
08 33 23 11-0200	EA	14' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,715.85	2,073.87
08 33 23 11-0201	EA	14' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,548.28	2,282.06
08 33 23 11-0202	EA	16' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,680.99	1,586.92
08 33 23 11-0203	EA	16' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,268.41	1,656.32
08 33 23 11-0204	EA	16' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,833.22	1,725.71
08 33 23 11-0205	EA	16' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,483.76	1,829.81
08 33 23 11-0206	EA	16' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,248.96	1,968.59
08 33 23 11-0207	EA	16' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,051.84	2,107.38
08 33 23 11-0208	EA	16' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,893.93	2,280.87
08 33 23 11-0209	EA	16' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,766.49	2,489.05
08 33 23 11-0210	EA	18' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,355.51	1,785.29
08 33 23 11-0211	EA	18' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,981.90	1,854.68
08 33 23 11-0212	EA	18' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,734.73	1,958.78
08 33 23 11-0213	EA	18' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,547.16	2,097.57
08 33 23 11-0214	EA	18' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,437.03	2,271.06
08 33 23 11-0215	EA	18' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,391.29	2,479.24
08 33 23 11-0216	EA	18' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,413.66	2,722.12
08 33 23 11-0217	EA	18' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,510.46	2,999.70
08 33 23 11-0218	EA	20' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,268.11	2,053.08
08 33 23 11-0219	EA	20' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,905.81	2,122.48
08 33 23 11-0220	EA	20' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,947.18	2,226.57
08 33 23 11-0221	EA	20' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,717.42	2,365.36
08 33 23 11-0222	EA	20' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,675.14	2,538.85
08 33 23 11-0223	EA	20' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,724.88	2,747.03
08 33 23 11-0224	EA	20' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,803.80	2,989.92
08 33 23 11-0225	EA	20' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	13,978.53	3,267.49
08 33 23 11-0226	EA	22' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,584.46	2,430.44
08 33 23 11-0227	EA	22' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,431.04	2,534.53
08 33 23 11-0228	EA	22' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,613.51	2,761.27
08 33 23 11-0229	EA	22' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,534.23	2,865.35
08 33 23 11-0230	EA	22' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,523.12	3,004.14
08 33 23 11-0231	EA	22' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	13,520.78	3,142.93
08 33 23 11-0232	EA	22' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	14,540.09	3,316.42
08 33 23 11-0233	EA	22' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	15,635.07	3,524.60
08 33 23 11-0234	EA	24' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,458.95	2,673.48
08 33 23 11-0235	EA	24' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,981.03	2,742.87
08 33 23 11-0236	EA	24' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,177.99	2,812.27
08 33 23 11-0237	EA	24' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,201.75	2,916.35
08 33 23 11-0238	EA	24' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	13,243.41	3,055.15
08 33 23 11-0239	EA	24' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	14,285.08	3,193.94
08 33 23 11-0240	EA	24' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	15,526.81	3,367.42
08 33 23 11-0241	EA	24' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	16,875.68	3,575.61
08 33 23 11-0242		**Overhead Coiling Door Accessories** *(08 33 23 11)*		
08 33 23 11-0243	LF	Bottom Of Door, Weather Strip Seal For Coiling Doors, Astragal Only	5.25	1.44
08 33 23 11-0244	LF	Top Of Door (Lintel), Weather Strip Seal For Coiling Doors	35.79	1.72
08 33 23 11-0245	LF	Side Of Door (Guides), Weather Strip Seal For Coiling Doors	34.12	1.72
08 33 23 11-0246	EA	Cylinder Lock For Coiling Doors	229.89	71.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0247	LF	3" High Vision Lites, 5/8" Insulated Glazing With Wind Lock For Overhead Coiling Doors Note: Additional cost for factory supplied.	16.98	
08 33 23 11-0248	LF	10" High Vision Lites, 1" Insulated Glazing With Wind Lock For Overhead Coiling Doors Note: Additional cost for factory supplied.	67.90	
08 33 23 11-0249	EA	Up To 12' Height, 1/2 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes three button inside station controls and mounting hardware.	1,900.56	230.19
08 33 23 11-0250	EA	Up To 12' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes three button inside station controls and mounting hardware.	2,414.27	230.19
08 33 23 11-0251	EA	>12' To 18' Height, 1/2 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes three button inside station controls and mounting hardware.	2,253.57	258.96
08 33 23 11-0252	EA	>12' To 18' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes three button inside station controls and mounting hardware.	2,675.35	258.96
08 33 23 11-0253	EA	>18' To 24' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	2,914.82	287.73
08 33 23 11-0254	EA	>18' To 24' Height, 1 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	3,170.69	287.73
08 33 23 11-0255	LF	Safety Edge Bottom Bar Obstruction Detection Device, Electric For Coiling Doors And Grilles	83.26	
08 33 23 11-0256	EA	Remote Transmitter Kit For Coiling Door Operators	318.66	115.09
08 33 23 11-0257		Removal And Reinstallation Of Roll-Up Door And Support *(08 33 23 11)* Note: Includes storage, cleaning and supply materials.		
08 33 23 11-0258	SF	Removal And Reinstallation Of Metal Roll-up Door And Supports	24.51	

08 33 23 13 Overhead Rapid Coiling Doors *(08 33 23)*

Note: Includes panels, guides, counterbalance mechanisms, hardware, operators, frame, supports and/or trim as required. Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-0943 for forklift.

08 33 23 13-0001		32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13)* Note: Door panel is 32 ounce vinyl. Side frames are fully bolted together, anodized aluminum construction with weather seal. Bottom bar releases in either direction when impacted, without damage to door. Manual drive system.		
08 33 23 13-0002		32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0001)*		
08 33 23 13-0003		5' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0002)*		
08 33 23 13-0004	EA	5' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,314.22	421.24
08 33 23 13-0005	EA	5' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,603.28	440.80
08 33 23 13-0006	EA	5' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,890.41	460.38
08 33 23 13-0007	EA	5' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,175.60	479.94
08 33 23 13-0008	EA	5' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,464.67	499.51
08 33 23 13-0009	EA	5' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,751.80	519.07
08 33 23 13-0010		6' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0002)*		
08 33 23 13-0011	EA	6' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,603.28	440.80
08 33 23 13-0012	EA	6' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,890.41	460.38
08 33 23 13-0013	EA	6' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,175.60	479.94
08 33 23 13-0014	EA	6' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,464.67	499.51
08 33 23 13-0015	EA	6' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,751.80	519.07
08 33 23 13-0016	EA	6' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,038.94	538.64
08 33 23 13-0017		7' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0002)*		
08 33 23 13-0018	EA	7' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,890.41	460.38
08 33 23 13-0019	EA	7' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,175.60	479.94
08 33 23 13-0020	EA	7' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,464.67	499.51
08 33 23 13-0021	EA	7' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,751.80	519.07
08 33 23 13-0022	EA	7' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,038.94	538.64
08 33 23 13-0023	EA	7' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,328.01	558.20
08 33 23 13-0024		8' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0002)*		
08 33 23 13-0025	EA	8' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,175.60	479.94
08 33 23 13-0026	EA	8' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,464.67	499.51
08 33 23 13-0027	EA	8' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,751.80	519.07
08 33 23 13-0028	EA	8' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,038.94	538.64
08 33 23 13-0029	EA	8' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,328.01	558.20
08 33 23 13-0030	EA	8' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,613.20	577.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0031		**9' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®)** *(08 33 23 13-0002)*		
08 33 23 13-0032	EA	9' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,464.67	499.51
08 33 23 13-0033	EA	9' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,751.80	519.07
08 33 23 13-0034	EA	9' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,038.94	538.64
08 33 23 13-0035	EA	9' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,328.01	558.20
08 33 23 13-0036	EA	9' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,613.20	577.77
08 33 23 13-0037	EA	9' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,902.26	597.33
08 33 23 13-0038		**10' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®)** *(08 33 23 13-0002)*		
08 33 23 13-0039	EA	10' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,751.80	519.07
08 33 23 13-0040	EA	10' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,038.94	538.64
08 33 23 13-0041	EA	10' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,328.01	558.20
08 33 23 13-0042	EA	10' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,613.20	577.77
08 33 23 13-0043	EA	10' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,902.26	597.33
08 33 23 13-0044	EA	10' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	8,189.39	616.90
08 33 23 13-0045		**Rytec® Bantam® Door Options** *(08 33 23 13-0001)*		
08 33 23 13-0046	SF	Upgrade To 2-Ply Rilon Panel Material For Rytec® Bantam® High-Speed Rolling Doors	12.11	
08 33 23 13-0047	SF	Upgrade To 3-Ply Rilon Panel Material For Rytec® Bantam® High-Speed Rolling Doors	26.64	
08 33 23 13-0048	LF	31" High Full Vision Panel For Rytec® Bantam® High-Speed Rolling Doors Note: Multiply linear foot price x width of door.	38.75	
08 33 23 13-0049	EA	Two 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Bantam® High-Speed Rolling Doors	368.12	
08 33 23 13-0050	EA	Roll Cover For Rytec® Bantam® High-Speed Rolling Doors	696.34	57.54
08 33 23 13-0051	EA	Motor Cover For Rytec® Bantam® High-Speed Rolling Doors	696.34	57.54
08 33 23 13-0052	EA	Motor Operator For Rytec® Bantam® High-Speed Rolling Doors Note: Includes open/close/stop pushbutton, pneumatic reversing edge and coil cord.	2,991.12	115.09
08 33 23 13-0053	EA	Additional NEMA 4 Pushbutton Control For Rytec® Bantam® Motor Operator Note: Includes open/close/stop control.	366.96	57.54
08 33 23 13-0054	EA	Auto Close Feature For Rytec® Bantam® Motor Operator	357.28	57.54
08 33 23 13-0055		**2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)** *(08 33 23 13)* Note: Rytec® PredaDoor® PD5500. Door panel is 2-ply multi-filament Rilon. Includes full width vision panel. Side frames are fully bolted together, anodized aluminum construction with weather seal. Bottom bar releases in either direction when impacted, without damage to door. Drive system is a 3 phase, variable-speed AC Drive with brake and absolute encoder. Opens at 50" per second and closes at 21" per second.		
08 33 23 13-0056		**2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)** *(08 33 23 13-0055)*		
08 33 23 13-0057		**6' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)** *(08 33 23 13-0056)*		
08 33 23 13-0058	EA	6' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,499.63	460.38
08 33 23 13-0059	EA	6' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,764.80	479.94
08 33 23 13-0060	EA	6' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,071.23	499.51
08 33 23 13-0061	EA	6' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,499.65	519.07
08 33 23 13-0062	EA	6' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,937.06	538.64
08 33 23 13-0063	EA	6' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,675.84	558.20
08 33 23 13-0064	EA	6' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,199.34	577.77
08 33 23 13-0065		**7' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)** *(08 33 23 13-0056)*		
08 33 23 13-0066	EA	7' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,824.00	479.94
08 33 23 13-0067	EA	7' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,162.72	499.51
08 33 23 13-0068	EA	7' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,589.35	519.07
08 33 23 13-0069	EA	7' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,041.11	538.64
08 33 23 13-0070	EA	7' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,638.16	558.20
08 33 23 13-0071	EA	7' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,359.00	577.77
08 33 23 13-0072	EA	7' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,927.36	597.33
08 33 23 13-0073		**8' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)** *(08 33 23 13-0056)*		
08 33 23 13-0074	EA	8' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,220.13	499.51
08 33 23 13-0075	EA	8' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,644.97	519.07
08 33 23 13-0076	EA	8' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,114.66	538.64
08 33 23 13-0077	EA	8' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,729.66	558.20
08 33 23 13-0078	EA	8' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,283.66	577.77
08 33 23 13-0079	EA	8' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,069.08	597.33
08 33 23 13-0080	EA	8' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,712.78	616.90
08 33 23 13-0081		**9' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)** *(08 33 23 13-0056)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0082	EA	9' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,704.17	519.07
08 33 23 13-0083	EA	9' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,170.27	538.64
08 33 23 13-0084	EA	9' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,785.27	558.20
08 33 23 13-0085	EA	9' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,357.21	577.77
08 33 23 13-0086	EA	9' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,957.86	597.33
08 33 23 13-0087	EA	9' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,581.82	616.90
08 33 23 13-0088	EA	9' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	21,266.78	636.46
08 33 23 13-0089		10' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0056)*		
08 33 23 13-0090	EA	10' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,216.92	538.64
08 33 23 13-0091	EA	10' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,844.47	558.20
08 33 23 13-0092	EA	10' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,411.03	577.77
08 33 23 13-0093	EA	10' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,017.06	597.33
08 33 23 13-0094	EA	10' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,689.46	616.90
08 33 23 13-0095	EA	10' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,821.88	636.46
08 33 23 13-0096	EA	10' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	21,967.89	656.03
08 33 23 13-0097		11' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0056)*		
08 33 23 13-0098	EA	11' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,878.56	558.20
08 33 23 13-0099	EA	11' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,459.47	577.77
08 33 23 13-0100	EA	11' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,072.67	597.33
08 33 23 13-0101	EA	11' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,746.87	616.90
08 33 23 13-0102	EA	11' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	21,187.85	636.46
08 33 23 13-0103	EA	11' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	22,064.76	656.03
08 33 23 13-0104	EA	11' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	22,782.03	675.59
08 33 23 13-0105		12' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0056)*		
08 33 23 13-0106	EA	12' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,475.61	577.77
08 33 23 13-0107	EA	12' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,104.96	597.33
08 33 23 13-0108	EA	12' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,791.72	616.90
08 33 23 13-0109	EA	12' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	21,248.84	636.46
08 33 23 13-0110	EA	12' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	21,851.28	656.03
08 33 23 13-0111	EA	12' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	22,864.55	675.59
08 33 23 13-0112	EA	12' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	23,567.45	695.16
08 33 23 13-0113		Rytec® PredaDoor® Door Options *(08 33 23 13-0055)*		
08 33 23 13-0114	EA	Up To 10' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors	813.23	115.09
08 33 23 13-0115	EA	>10' To 15' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors	1,198.94	115.09
08 33 23 13-0116	SF	Upgrade To 3-Ply Rilon Panel Material For Rytec® PredaDoor® High-Speed Rolling Doors	14.53	
08 33 23 13-0117		3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13)*		
		Note: Rytec® Fast-Seal® FS1000. Door panel is heavy-duty 3-ply multi-filament Rilon. Independent opening and closing speeds up to 50" per second. Side frames are fully bolted together, reinforced with front and rear wind bar guides and full height vinyl weather seal on either side of the door panel. Counterbalance system consists of guided counterweights custom-sized to provide to provide proper balancing of each door system. The independent tension system maintains constant panel tensioning. The drive system is a 3 phase, variable speed AC drive motor with brake and absolute encoder. Bottom bar breaks away in either direction without damage to the bar, safety astragal, or side covers.		
08 33 23 13-0118		3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0117)*		
08 33 23 13-0119		8' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0120	EA	8' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	24,959.22	1,035.83
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0121	EA	8' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	26,096.09	1,065.19
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0122	EA	8' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	27,085.86	1,094.53
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0123	EA	8' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,150.98	1,123.88
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0124	EA	8' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,359.62	1,153.22
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0125	EA	8' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,990.59	1,182.58
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0126	EA	8' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,980.36	1,211.93
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0127	EA	8' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	31,861.22	1,243.44
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0128	EA	8' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,268.56	1,275.76
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0129	EA	8' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,404.40	1,308.93
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0130	EA	8' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,813.20	1,342.97
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	

08 33 23 13-0131 9' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0132	EA	9' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	26,096.09	1,065.19
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0133	EA	9' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	27,085.86	1,094.53
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0134	EA	9' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,150.98	1,123.88
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0135	EA	9' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,359.62	1,153.22
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0136	EA	9' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,990.59	1,182.58
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0137	EA	9' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,980.36	1,211.93
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0138	EA	9' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	32,258.95	1,241.27
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0139	EA	9' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,268.56	1,275.76
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0140	EA	9' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,404.40	1,308.93
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0141	EA	9' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,813.20	1,342.97
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0142	EA	9' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,493.10	1,377.88
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0143		10' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0144	EA	10' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	27,085.86	1,094.53
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0145	EA	10' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,150.98	1,123.88
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0146	EA	10' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,359.62	1,153.22
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0147	EA	10' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,990.59	1,182.58
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0148	EA	10' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,980.36	1,211.93
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0149	EA	10' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	32,258.95	1,241.27
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0150	EA	10' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,465.81	1,270.62
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0151	EA	10' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,403.12	1,308.30
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0152	EA	10' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,811.89	1,342.32
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0153	EA	10' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,491.76	1,377.21
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0154	EA	10' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,906.05	1,413.02
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	

08 33 23 13-0155 11' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0156	EA	11' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,150.98	1,123.88
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0157	EA	11' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,359.62	1,153.22
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0158	EA	11' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,990.59	1,182.58
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0159	EA	11' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,980.36	1,211.93
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0160	EA	11' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	32,258.95	1,241.27
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0161	EA	11' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,465.81	1,270.62
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0162	EA	11' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,816.16	1,299.97
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0163	EA	11' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,808.75	1,340.75
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0164	EA	11' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,488.54	1,375.60
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0165	EA	11' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,902.75	1,411.37
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0166	EA	11' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,584.26	1,448.06
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0167		12' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0168	EA	12' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,359.62	1,153.22
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0169	EA	12' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,990.59	1,182.58
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0170	EA	12' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,980.36	1,211.93
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0171	EA	12' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	32,258.95	1,241.27
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0172	EA	12' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,465.81	1,270.62
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0173	EA	12' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,816.16	1,299.97
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0174	EA	12' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,784.41	1,329.32
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0175	EA	12' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,483.71	1,373.19
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0176	EA	12' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,897.79	1,408.89
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0177	EA	12' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,579.17	1,445.53
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0178	EA	12' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	42,262.46	1,483.11
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0179		13' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0180	EA	13' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,729.70	1,182.58
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0181	EA	13' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	31,997.54	1,211.93
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0182	EA	13' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,199.00	1,241.27
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0183	EA	13' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,596.01	1,270.62
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0184	EA	13' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,987.63	1,299.97
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0185	EA	13' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,018.66	1,329.32
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0186	EA	13' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,800.32	1,358.67
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0187	EA	13' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	39,001.92	1,405.73
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0188	EA	13' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,685.08	1,442.28
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0189	EA	13' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	42,375.94	1,479.79
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0190	EA	13' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	43,863.39	1,518.25
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0191		14' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0192	EA	14' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	31,997.54	1,211.93
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0193	EA	14' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,199.00	1,241.27
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0194	EA	14' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,596.01	1,270.62
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0195	EA	14' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,987.63	1,299.97
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0196	EA	14' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,018.66	1,329.32
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0197	EA	14' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,800.32	1,358.67
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0198	EA	14' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,965.91	1,388.01
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0199	EA	14' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,676.93	1,438.21
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0200	EA	14' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	42,367.57	1,475.60
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0201	EA	14' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	43,854.81	1,513.96
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0202	EA	14' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	47,105.20	1,553.33
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	

08 33 23 13-0203 15' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0204	EA	15' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,140.88	1,211.93
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0205	EA	15' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,538.38	1,241.27
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0206	EA	15' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,930.09	1,270.62
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0207	EA	15' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	36,961.40	1,299.97
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0208	EA	15' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,742.78	1,329.32
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0209	EA	15' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,907.78	1,358.67
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0210	EA	15' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,640.39	1,419.95
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0211	EA	15' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	42,358.95	1,471.29
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0212	EA	15' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	43,845.96	1,509.53
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0213	EA	15' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	47,096.12	1,548.79
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0214	EA	15' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	49,379.59	1,589.06
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

08 33 23 13-0215 16' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0216	EA	16' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,592.48	1,268.31
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0217	EA	16' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,986.90	1,299.03
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0218	EA	16' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,020.95	1,329.74
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0219	EA	16' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,805.06	1,360.46
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0220	EA	16' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,972.80	1,391.17
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0221	EA	16' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,644.29	1,421.89
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0222	EA	16' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	42,321.58	1,452.60
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0223	EA	16' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	43,837.13	1,505.12
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0224	EA	16' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	47,087.06	1,544.26
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0225	EA	16' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	49,370.30	1,584.40
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0226	EA	16' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	51,667.25	1,625.60
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0227		**17' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)** *(08 33 23 13-0118)*		
08 33 23 13-0228	EA	17' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,855.93	1,297.49
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0229	EA	17' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,019.27	1,328.91
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0230	EA	17' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,428.67	1,360.33
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0231	EA	17' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	39,977.56	1,391.75
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0232	EA	17' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	41,398.59	1,423.17
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0233	EA	17' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	43,515.18	1,454.59
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0234	EA	17' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	45,554.26	1,486.01
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0235	EA	17' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	47,078.03	1,539.75
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0236	EA	17' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	49,361.03	1,579.77
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0237	EA	17' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	51,657.74	1,620.85
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0238	EA	17' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	53,884.89	1,662.99
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0239		**18' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)** *(08 33 23 13-0118)*		
08 33 23 13-0240	EA	18' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,391.98	1,327.33
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0241	EA	18' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,930.70	1,359.47
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0242	EA	18' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,606.99	1,391.62
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0243	EA	18' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	42,277.46	1,423.76
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0244	EA	18' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	44,019.61	1,455.91
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0245	EA	18' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	46,498.02	1,488.04
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0246	EA	18' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	49,046.18	1,520.19
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0247	EA	18' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	50,291.48	1,575.15
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0248	EA	18' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	51,648.26	1,616.11
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0249	EA	18' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	53,811.22	1,658.13
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0250	EA	18' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	56,044.19	1,701.24
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	

08 33 23 13-0251 19' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0252	EA	19' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,927.47	1,357.86
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0253	EA	19' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,605.24	1,390.74
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0254	EA	19' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	42,277.18	1,423.62
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0255	EA	19' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	44,020.82	1,456.51
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0256	EA	19' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	46,500.71	1,489.39
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0257	EA	19' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	49,050.34	1,522.27
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0258	EA	19' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	50,251.48	1,555.15
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0259	EA	19' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	51,638.81	1,611.38
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0260	EA	19' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	53,801.53	1,653.28
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0261	EA	19' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	56,034.24	1,696.26
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0262	EA	19' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	58,269.20	1,740.37
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 33 23 13-0263 20' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0264	EA	20' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,601.94	1,389.09
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0265	EA	20' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	42,275.40	1,422.72
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0266	EA	20' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	44,020.54	1,456.37
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0267	EA	20' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	46,501.94	1,490.00
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0268	EA	20' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	49,053.09	1,523.65
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0269	EA	20' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	50,255.74	1,557.28
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0270	EA	20' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	51,597.89	1,590.92
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0271	EA	20' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	53,791.86	1,648.44
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0272	EA	20' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	56,024.33	1,691.31
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0273	EA	20' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	58,259.02	1,735.28
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0274	EA	20' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	60,224.75	1,780.39
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

08 33 23 13-0275 21' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0276	EA	21' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	50,831.96	1,489.86
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0277	EA	21' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	53,314.89	1,524.27
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0278	EA	21' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	55,865.65	1,558.68
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0279	EA	21' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	57,073.72	1,593.10
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0280	EA	21' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	58,415.48	1,627.51
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0281	EA	21' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	60,612.11	1,686.37
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0282	EA	21' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	62,846.55	1,730.21
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0283	EA	21' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	65,083.26	1,775.19
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0284	EA	21' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	67,051.06	1,821.35
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

08 33 23 13-0285 22' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0286	EA	22' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	52,775.97	1,524.13
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0287	EA	22' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	55,262.44	1,559.34
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0288	EA	22' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	57,812.84	1,594.54
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0289	EA	22' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	59,020.56	1,629.74
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0290	EA	22' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	60,367.78	1,664.94
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0291	EA	22' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	62,567.11	1,725.14
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0292	EA	22' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	64,803.56	1,770.00
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0293	EA	22' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	67,040.41	1,816.02
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0294	EA	22' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	69,012.27	1,863.24
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

08 33 23 13-0295 23' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0296	EA	23' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	54,723.52	1,559.19
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0297	EA	23' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	57,209.66	1,595.20
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0298	EA	23' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	59,763.62	1,631.21
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0299	EA	23' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	60,972.96	1,667.23
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0300	EA	23' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	62,319.86	1,703.24
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0301	EA	23' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	64,523.90	1,764.83
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0302	EA	23' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	66,760.48	1,810.71
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0303	EA	23' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	69,001.38	1,857.79
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0304	EA	23' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	70,975.42	1,906.09
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0305		**24' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)** *(08 33 23 13-0118)*		
08 33 23 13-0306	EA	24' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	56,670.74	1,595.05
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0307	EA	24' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	59,158.54	1,631.89
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0308	EA	24' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	61,716.08	1,668.73
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0309	EA	24' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	62,927.09	1,705.57
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0310	EA	24' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	64,273.71	1,742.41
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0311	EA	24' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	66,478.64	1,805.42
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0312	EA	24' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	68,719.27	1,852.35
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0313	EA	24' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	70,964.26	1,900.52
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0314	EA	24' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	72,936.65	1,949.94
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0315		**Rytec® Fast-Seal® Door Options** *(08 33 23 13-0117)*		
08 33 23 13-0316	LF	Strapped Windbar For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Multiply linear foot price x width of door.	53.82	
08 33 23 13-0317	EA	Up To 10' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	583.04	
08 33 23 13-0318	EA	>10' To 15' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	968.75	
08 33 23 13-0319	EA	>15' To 20' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	1,424.63	
08 33 23 13-0320	EA	>20' To 24' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	2,131.24	
08 33 23 13-0321	EA	One 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Window With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	340.86	
08 33 23 13-0322	EA	Two 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 90" wide.	672.74	
08 33 23 13-0323	EA	Three 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 102" wide.	852.14	
08 33 23 13-0324	EA	Four 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 136" wide.	1,345.48	
08 33 23 13-0325	EA	One 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Window With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	394.67	
08 33 23 13-0326	EA	Two 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 108" wide.	780.38	
08 33 23 13-0327	EA	Three 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 144" wide.	968.75	
08 33 23 13-0328	EA	Four 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 192" wide.	1,560.76	
08 33 23 13-0329	EA	Sloped Roll And Motor Cover For Interior Or Exterior Door Widths Of 8' Or 10'	794.68	
		For 304 Stainless Steel, Add	*127.15*	
		For 316 Stainless Steel, Add	*556.28*	
08 33 23 13-0330	EA	Sloped Roll And Motor Cover For Interior Or Exterior Door Widths Of 12' Or 14'	1,033.08	
		For 304 Stainless Steel, Add	*165.29*	
		For 316 Stainless Steel, Add	*723.16*	
08 33 23 13-0331	EA	Sloped Roll And Motor Cover For Interior Or Exterior Door Widths Of 16' Or 18'	1,350.95	
		For 304 Stainless Steel, Add	*216.15*	
		For 316 Stainless Steel, Add	*945.67*	
08 33 23 13-0332	EA	Through Wall Brake Release	200.50	
08 33 23 13-0333	EA	Explosion Proof Upgrade Package: Control Box (including internal components), Motor, Rotary Limit Switch, Photo-eyes, Safety Bar, Push Buttons	22,807.17	
		For NEMA 12 Control Box Mounted Outside Explosion Proof Area, Deduct	*-6,200.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0334		High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13)*		
		Note: Rytec® Powerhouse™. Door panel is styrene butadiene rubber (SBR) panel 1/4" thick, made of two 1/8" thick layers, 60 durometer; sandwiched with 1-ply, 110 lb. polyester cord center. Panel includes bonded SBR beveled segmented windlocks to allow the door panel to effectively release from the side frame in case of accidental impact. Vertical orange stripes for visual safety awareness. Side frames are structural columns consisting of 5 x 2 x 1/4" structural steel tubing, welded to a reinforced 0.22" thick steel 'Z' mounting bracket and 0.18" thick steel hinged cover. Drive system is a 480 volt, 3-phase variable speed AC Drive motor with brake and absolute encoder. Opens at up to 60" per second and closes at 21" per second.		
08 33 23 13-0335		High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0334)*		
08 33 23 13-0336		8' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*		
08 33 23 13-0337	EA	8' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,071.58	1,035.83
08 33 23 13-0338	EA	8' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,358.89	1,065.19
08 33 23 13-0339	EA	8' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,872.90	1,094.53
08 33 23 13-0340	EA	8' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,386.91	1,123.88
08 33 23 13-0341	EA	8' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,902.86	1,153.22
08 33 23 13-0342	EA	8' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,416.86	1,182.58
08 33 23 13-0343	EA	8' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,702.25	1,211.93
08 33 23 13-0344	EA	8' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,222.52	1,243.44
08 33 23 13-0345	EA	8' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,197.80	1,275.76
08 33 23 13-0346	EA	8' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,492.77	1,308.93
08 33 23 13-0347	EA	8' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,244.76	1,342.97
08 33 23 13-0348		9' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*		
08 33 23 13-0349	EA	9' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,358.89	1,065.19
08 33 23 13-0350	EA	9' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,644.28	1,094.53
08 33 23 13-0351	EA	9' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,160.22	1,123.88
08 33 23 13-0352	EA	9' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,902.86	1,153.22
08 33 23 13-0353	EA	9' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,188.24	1,182.58
08 33 23 13-0354	EA	9' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,702.25	1,211.93
08 33 23 13-0355	EA	9' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,218.19	1,241.27
08 33 23 13-0356	EA	9' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,742.49	1,275.76
08 33 23 13-0357	EA	9' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,948.08	1,308.93
08 33 23 13-0358	EA	9' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,157.32	1,342.97
08 33 23 13-0359	EA	9' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,366.41	1,377.88
08 33 23 13-0360		10' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*		
08 33 23 13-0361	EA	10' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,012.15	1,094.53
08 33 23 13-0362	EA	10' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,299.47	1,123.88
08 33 23 13-0363	EA	10' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,813.48	1,153.22
08 33 23 13-0364	EA	10' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,556.11	1,182.58
08 33 23 13-0365	EA	10' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,070.12	1,211.93
08 33 23 13-0366	EA	10' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,586.06	1,241.27
08 33 23 13-0367	EA	10' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,100.08	1,270.62
08 33 23 13-0368	EA	10' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,859.36	1,308.29
08 33 23 13-0369	EA	10' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,838.01	1,342.32
08 33 23 13-0370	EA	10' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,275.68	1,377.21
08 33 23 13-0371	EA	10' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,488.48	1,413.02
08 33 23 13-0372		11' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*		
08 33 23 13-0373	EA	11' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,070.85	1,123.88
08 33 23 13-0374	EA	11' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,584.86	1,153.22
08 33 23 13-0375	EA	11' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,100.80	1,182.58
08 33 23 13-0376	EA	11' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,843.43	1,211.93
08 33 23 13-0377	EA	11' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,357.43	1,241.27
08 33 23 13-0378	EA	11' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,871.45	1,270.62
08 33 23 13-0379	EA	11' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,071.33	1,299.97
08 33 23 13-0380	EA	11' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,518.80	1,340.74
08 33 23 13-0381	EA	11' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,956.40	1,375.60
08 33 23 13-0382	EA	11' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,395.80	1,411.37
08 33 23 13-0383	EA	11' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,608.44	1,448.06
08 33 23 13-0384		12' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*		
08 33 23 13-0385	EA	12' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,358.17	1,153.22
08 33 23 13-0386	EA	12' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,872.17	1,182.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0387	EA	12' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,386.18	1,211.93
08 33 23 13-0388	EA	12' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,128.81	1,241.27
08 33 23 13-0389	EA	12' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,871.45	1,270.62
08 33 23 13-0390	EA	12' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,298.02	1,299.97
08 33 23 13-0391	EA	12' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,724.59	1,329.32
08 33 23 13-0392	EA	12' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,180.20	1,373.19
08 33 23 13-0393	EA	12' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,846.15	1,408.89
08 33 23 13-0394	EA	12' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,287.29	1,445.52
08 33 23 13-0395	EA	12' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	46,730.33	1,483.11
08 33 23 13-0396		**13' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0397	EA	13' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,872.17	1,182.58
08 33 23 13-0398	EA	13' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,159.50	1,211.93
08 33 23 13-0399	EA	13' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,673.50	1,241.27
08 33 23 13-0400	EA	13' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,644.77	1,270.62
08 33 23 13-0401	EA	13' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,298.02	1,299.97
08 33 23 13-0402	EA	13' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,953.21	1,329.32
08 33 23 13-0403	EA	13' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,379.77	1,358.67
08 33 23 13-0404	EA	13' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,068.47	1,405.73
08 33 23 13-0405	EA	13' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,738.06	1,442.28
08 33 23 13-0406	EA	13' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,407.61	1,479.79
08 33 23 13-0407	EA	13' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	48,852.43	1,518.25
08 33 23 13-0408		**14' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0409	EA	14' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,159.50	1,211.93
08 33 23 13-0410	EA	14' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,444.87	1,241.27
08 33 23 13-0411	EA	14' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,187.52	1,270.62
08 33 23 13-0412	EA	14' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,614.08	1,299.97
08 33 23 13-0413	EA	14' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,724.59	1,329.32
08 33 23 13-0414	EA	14' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,379.77	1,358.67
08 33 23 13-0415	EA	14' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,261.65	1,388.01
08 33 23 13-0416	EA	14' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,956.58	1,438.21
08 33 23 13-0417	EA	14' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,627.87	1,475.61
08 33 23 13-0418	EA	14' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,299.16	1,513.96
08 33 23 13-0419	EA	14' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,203.00	1,553.33
08 33 23 13-0420		**15' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0421	EA	15' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,583.12	1,239.80
08 33 23 13-0422	EA	15' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,098.48	1,269.83
08 33 23 13-0423	EA	15' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,842.45	1,299.84
08 33 23 13-0424	EA	15' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,813.14	1,329.87
08 33 23 13-0425	EA	15' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,153.61	1,359.90
08 33 23 13-0426	EA	15' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,036.83	1,389.91
08 33 23 13-0427	EA	15' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,920.07	1,419.95
08 33 23 13-0428	EA	15' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,619.26	1,471.29
08 33 23 13-0429	EA	15' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,518.94	1,509.53
08 33 23 13-0430	EA	15' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,420.61	1,548.79
08 33 23 13-0431	EA	15' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	53,324.33	1,589.05
08 33 23 13-0432		**16' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0433	EA	16' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,866.84	1,268.32
08 33 23 13-0434	EA	16' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,612.20	1,299.03
08 33 23 13-0435	EA	16' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,357.58	1,329.74
08 33 23 13-0436	EA	16' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,242.18	1,360.45
08 33 23 13-0437	EA	16' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,810.72	1,391.17
08 33 23 13-0438	EA	16' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,697.26	1,421.89
08 33 23 13-0439	EA	16' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,581.89	1,452.59
08 33 23 13-0440	EA	16' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,510.11	1,505.12
08 33 23 13-0441	EA	16' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,411.55	1,544.26
08 33 23 13-0442	EA	16' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	53,315.03	1,584.41
08 33 23 13-0443	EA	16' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	55,449.24	1,625.60
08 33 23 13-0444		**17' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0445	EA	17' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,382.42	1,297.49
08 33 23 13-0446	EA	17' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,900.57	1,328.91
08 33 23 13-0447	EA	17' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,786.60	1,360.33
08 33 23 13-0448	EA	17' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,672.62	1,391.75
08 33 23 13-0449	EA	17' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,242.58	1,423.17
08 33 23 13-0450	EA	17' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,357.22	1,454.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0451	EA	17' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,243.25	1,486.01
08 33 23 13-0452	EA	17' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,402.53	1,539.75
08 33 23 13-0453	EA	17' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	53,305.77	1,579.77
08 33 23 13-0454	EA	17' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	55,439.73	1,620.85
08 33 23 13-0455	EA	17' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	57,575.81	1,663.00
08 33 23 13-0456		**18' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0457	EA	18' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,897.41	1,327.33
08 33 23 13-0458	EA	18' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,417.03	1,359.47
08 33 23 13-0459	EA	18' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,988.42	1,391.62
08 33 23 13-0460	EA	18' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,104.52	1,423.75
08 33 23 13-0461	EA	18' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	46,675.93	1,455.90
08 33 23 13-0462	EA	18' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	48,792.01	1,488.04
08 33 23 13-0463	EA	18' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,136.73	1,520.19
08 33 23 13-0464	EA	18' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	53,296.53	1,575.16
08 33 23 13-0465	EA	18' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	55,430.24	1,616.11
08 33 23 13-0466	EA	18' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	57,566.08	1,658.13
08 33 23 13-0467	EA	18' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	59,704.12	1,701.24
08 33 23 13-0468		**19' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0469	EA	19' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,869.10	1,357.85
08 33 23 13-0470	EA	19' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,618.80	1,390.74
08 33 23 13-0471	EA	19' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,420.30	1,423.63
08 33 23 13-0472	EA	19' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,537.88	1,456.51
08 33 23 13-0473	EA	19' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	48,339.38	1,489.39
08 33 23 13-0474	EA	19' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	50,456.97	1,522.27
08 33 23 13-0475	EA	19' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	52,801.22	1,555.16
08 33 23 13-0476	EA	19' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	54,965.49	1,611.38
08 33 23 13-0477	EA	19' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	57,327.78	1,653.28
08 33 23 13-0478	EA	19' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	59,465.55	1,696.27
08 33 23 13-0479	EA	19' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	61,834.18	1,740.38
08 33 23 13-0480		**20' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0481	EA	20' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,299.44	1,389.09
08 33 23 13-0482	EA	20' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,050.65	1,422.73
08 33 23 13-0483	EA	20' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,625.04	1,456.37
08 33 23 13-0484	EA	20' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	46,972.76	1,490.00
08 33 23 13-0485	EA	20' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,775.77	1,523.64
08 33 23 13-0486	EA	20' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	52,121.55	1,557.28
08 33 23 13-0487	EA	20' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	54,469.25	1,590.93
08 33 23 13-0488	EA	20' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	56,862.79	1,648.45
08 33 23 13-0489	EA	20' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	59,228.94	1,691.31
08 33 23 13-0490	EA	20' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	61,595.38	1,735.27
08 33 23 13-0491	EA	20' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	63,964.12	1,780.40
08 33 23 13-0492		**21' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0493	EA	21' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,591.96	1,421.03
08 33 23 13-0494	EA	21' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,712.59	1,455.45
08 33 23 13-0495	EA	21' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,833.22	1,489.86
08 33 23 13-0496	EA	21' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	48,409.16	1,524.27
08 33 23 13-0497	EA	21' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,213.72	1,558.69
08 33 23 13-0498	EA	21' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	53,789.67	1,593.10
08 33 23 13-0499	EA	21' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	56,136.98	1,627.51
08 33 23 13-0500	EA	21' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	58,761.80	1,686.37
08 33 23 13-0501	EA	21' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	61,129.92	1,730.21
08 33 23 13-0502	EA	21' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	63,498.38	1,775.19
08 33 23 13-0503	EA	21' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	66,097.81	1,821.34
08 33 23 13-0504		**22' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0505	EA	22' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,112.63	1,453.72
08 33 23 13-0506	EA	22' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,006.22	1,488.93
08 33 23 13-0507	EA	22' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,269.62	1,524.12
08 33 23 13-0508	EA	22' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,847.14	1,559.34
08 33 23 13-0509	EA	22' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	52,879.99	1,594.54
08 33 23 13-0510	EA	22' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	55,457.51	1,629.75
08 33 23 13-0511	EA	22' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	57,808.35	1,664.94
08 33 23 13-0512	EA	22' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	60,435.87	1,725.14
08 33 23 13-0513	EA	22' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	63,032.69	1,769.99
08 33 23 13-0514	EA	22' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	65,631.84	1,816.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0515	EA	22' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	68,233.40	1,863.24
08 33 23 13-0516		**23' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0517	EA	23' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,776.01	1,487.15
08 33 23 13-0518	EA	23' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,442.59	1,523.18
08 33 23 13-0519	EA	23' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	48,478.97	1,559.19
08 33 23 13-0520	EA	23' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,286.74	1,595.20
08 33 23 13-0521	EA	23' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	54,321.20	1,631.21
08 33 23 13-0522	EA	23' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	56,900.35	1,667.22
08 33 23 13-0523	EA	23' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	59,708.12	1,703.25
08 33 23 13-0524	EA	23' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	62,338.41	1,764.83
08 33 23 13-0525	EA	23' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	64,937.30	1,810.71
08 33 23 13-0526	EA	23' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	67,767.20	1,857.79
08 33 23 13-0527	EA	23' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	70,370.91	1,906.09
08 33 23 13-0528		**24' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0529	EA	24' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,212.29	1,521.36
08 33 23 13-0530	EA	24' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	46,425.22	1,558.21
08 33 23 13-0531	EA	24' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,918.57	1,595.05
08 33 23 13-0532	EA	24' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	52,499.37	1,631.89
08 33 23 13-0533	EA	24' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	55,764.10	1,668.73
08 33 23 13-0534	EA	24' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	58,573.53	1,705.57
08 33 23 13-0535	EA	24' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	61,381.03	1,742.41
08 33 23 13-0536	EA	24' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	64,242.77	1,805.41
08 33 23 13-0537	EA	24' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	66,843.78	1,852.35
08 33 23 13-0538	EA	24' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	69,675.84	1,900.52
08 33 23 13-0539	EA	24' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	72,510.41	1,949.94
08 33 23 13-0540		**Rytec® Powerhouse™ Door Options** *(08 33 23 13-0334)*		
08 33 23 13-0541	EA	Up To 8' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,964.37	
08 33 23 13-0542	EA	9' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,022.49	
08 33 23 13-0543	EA	10' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,080.62	
08 33 23 13-0544	EA	11' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,138.74	
08 33 23 13-0545	EA	12' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,196.87	
08 33 23 13-0546	EA	13' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,254.99	
08 33 23 13-0547	EA	14' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,313.11	
08 33 23 13-0548	EA	15' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,371.24	
08 33 23 13-0549	EA	16' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,429.36	
08 33 23 13-0550	EA	17' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,487.49	
08 33 23 13-0551	EA	18' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,545.61	
08 33 23 13-0552	EA	19' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,603.74	
08 33 23 13-0553	EA	20' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,661.86	
08 33 23 13-0554	EA	21' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,719.99	
08 33 23 13-0555	EA	22' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,778.11	
08 33 23 13-0556	EA	23' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,836.24	
08 33 23 13-0557	EA	24' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,894.36	
08 33 23 13-0558	EA	11" x 20" Window For Rytec® Powerhouse™ High-Speed Rolling Doors	678.12	
08 33 23 13-0559	EA	208-230 Volt Application For Rytec® Powerhouse™ Door Note: Includes System 4 Controller In NEMA 4 Enclosure	1,666.24	
08 33 23 13-0560		**Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral®)** *(08 33 23 13)* Note: Door panels are double-walled aluminum slats that are 6" high x 1-3/16" thick. Width is variable. Side frames are galvanized steel with full height weather seal on both sides. There are extension springs in each column for counterbalance. The drive system is a 2 HP, 208,230/460 Volt, three-phase motor with variable speed AC drive. Opening and closing speeds up to 60" per second.		
08 33 23 13-0561		**Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral®)** *(08 33 23 13-0560)*		
08 33 23 13-0562		**8' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)** *(08 33 23 13-0561)*		
08 33 23 13-0563	EA	8' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,547.13	1,381.12
08 33 23 13-0564	EA	8' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,576.37	1,410.46
08 33 23 13-0565	EA	8' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,605.61	1,439.81
08 33 23 13-0566	EA	8' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,636.65	1,469.15
08 33 23 13-0567	EA	8' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,665.88	1,498.51
08 33 23 13-0568	EA	8' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,695.12	1,527.86
08 33 23 13-0569	EA	8' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	43,663.64	1,557.20
08 33 23 13-0570	EA	8' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	44,687.50	1,588.35
08 33 23 13-0571	EA	8' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,712.04	1,620.11
08 33 23 13-0572	EA	8' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,737.84	1,652.51
08 33 23 13-0573	EA	8' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,764.93	1,685.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0574		9' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0575	EA	9' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,576.37	1,410.46
08 33 23 13-0576	EA	9' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,605.61	1,439.81
08 33 23 13-0577	EA	9' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,636.65	1,469.15
08 33 23 13-0578	EA	9' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,665.88	1,498.51
08 33 23 13-0579	EA	9' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,695.12	1,527.86
08 33 23 13-0580	EA	9' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	41,724.35	1,557.20
08 33 23 13-0581	EA	9' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	44,692.89	1,586.55
08 33 23 13-0582	EA	9' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,702.06	1,618.28
08 33 23 13-0583	EA	9' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,745.72	1,650.65
08 33 23 13-0584	EA	9' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,772.75	1,683.67
08 33 23 13-0585	EA	9' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,801.09	1,717.33
08 33 23 13-0586		10' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0587	EA	10' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,605.61	1,439.81
08 33 23 13-0588	EA	10' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,636.65	1,469.15
08 33 23 13-0589	EA	10' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,665.88	1,498.51
08 33 23 13-0590	EA	10' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,695.12	1,527.86
08 33 23 13-0591	EA	10' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	41,724.35	1,557.20
08 33 23 13-0592	EA	10' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	42,753.60	1,586.55
08 33 23 13-0593	EA	10' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,722.12	1,615.90
08 33 23 13-0594	EA	10' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,748.62	1,648.22
08 33 23 13-0595	EA	10' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,775.54	1,681.18
08 33 23 13-0596	EA	10' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,803.78	1,714.82
08 33 23 13-0597	EA	10' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,833.38	1,749.09
08 33 23 13-0598		11' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0599	EA	11' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,636.65	1,469.15
08 33 23 13-0600	EA	11' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,665.88	1,498.51
08 33 23 13-0601	EA	11' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,695.12	1,527.86
08 33 23 13-0602	EA	11' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	41,724.35	1,557.20
08 33 23 13-0603	EA	11' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	42,753.60	1,586.55
08 33 23 13-0604	EA	11' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	43,782.83	1,615.90
08 33 23 13-0605	EA	11' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,749.57	1,645.25
08 33 23 13-0606	EA	11' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,779.17	1,678.15
08 33 23 13-0607	EA	11' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,807.29	1,711.71
08 33 23 13-0608	EA	11' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,836.76	1,745.95
08 33 23 13-0609	EA	11' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,867.59	1,780.88
08 33 23 13-0610		12' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0611	EA	12' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,665.88	1,498.51
08 33 23 13-0612	EA	12' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,695.12	1,527.86
08 33 23 13-0613	EA	12' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	41,724.35	1,557.20
08 33 23 13-0614	EA	12' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	42,753.60	1,586.55
08 33 23 13-0615	EA	12' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	43,782.83	1,615.90
08 33 23 13-0616	EA	12' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	44,812.07	1,645.25
08 33 23 13-0617	EA	12' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,780.59	1,674.60
08 33 23 13-0618	EA	12' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,809.73	1,708.09
08 33 23 13-0619	EA	12' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,839.05	1,742.25
08 33 23 13-0620	EA	12' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,869.74	1,777.10
08 33 23 13-0621	EA	12' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	51,903.76	1,812.64
08 33 23 13-0622		13' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0623	EA	13' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,695.12	1,527.86
08 33 23 13-0624	EA	13' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	41,724.35	1,557.20
08 33 23 13-0625	EA	13' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	42,753.60	1,586.55
08 33 23 13-0626	EA	13' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	43,782.83	1,615.90
08 33 23 13-0627	EA	13' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	44,812.07	1,645.25
08 33 23 13-0628	EA	13' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,841.31	1,674.60
08 33 23 13-0629	EA	13' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,809.84	1,703.94
08 33 23 13-0630	EA	13' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,840.28	1,738.03
08 33 23 13-0631	EA	13' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,870.79	1,772.78
08 33 23 13-0632	EA	13' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	51,902.72	1,808.24
08 33 23 13-0633	EA	13' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	52,936.03	1,844.40
08 33 23 13-0634		14' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0635	EA	14' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	43,663.64	1,557.20

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0636	EA	14' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	44,692.89	1,586.55
08 33 23 13-0637	EA	14' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,722.12	1,615.90
08 33 23 13-0638	EA	14' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,749.57	1,645.25
08 33 23 13-0639	EA	14' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,780.59	1,674.60
08 33 23 13-0640	EA	14' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,809.84	1,703.94
08 33 23 13-0641	EA	14' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,830.11	1,733.30
08 33 23 13-0642	EA	14' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,861.15	1,767.96
08 33 23 13-0643	EA	14' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	51,892.86	1,803.32
08 33 23 13-0644	EA	14' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	52,925.99	1,839.39
08 33 23 13-0645	EA	14' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	53,960.58	1,876.17
08 33 23 13-0646		**15' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)** *(08 33 23 13-0561)*		
08 33 23 13-0647	EA	15' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	44,687.50	1,588.35
08 33 23 13-0648	EA	15' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,720.00	1,618.28
08 33 23 13-0649	EA	15' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,748.62	1,648.22
08 33 23 13-0650	EA	15' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,779.17	1,678.15
08 33 23 13-0651	EA	15' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,809.73	1,708.09
08 33 23 13-0652	EA	15' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,840.28	1,738.03
08 33 23 13-0653	EA	15' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,861.15	1,767.96
08 33 23 13-0654	EA	15' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	51,892.86	1,803.32
08 33 23 13-0655	EA	15' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	52,925.99	1,839.39
08 33 23 13-0656	EA	15' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	53,960.58	1,876.17
08 33 23 13-0657	EA	15' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	54,996.62	1,913.70
08 33 23 13-0658		**16' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)** *(08 33 23 13-0561)*		
08 33 23 13-0659	EA	16' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,712.04	1,620.11
08 33 23 13-0660	EA	16' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,745.72	1,650.65
08 33 23 13-0661	EA	16' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,775.54	1,681.18
08 33 23 13-0662	EA	16' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,807.29	1,711.71
08 33 23 13-0663	EA	16' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,839.05	1,742.25
08 33 23 13-0664	EA	16' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,870.79	1,772.78
08 33 23 13-0665	EA	16' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	51,892.86	1,803.32
08 33 23 13-0666	EA	16' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	52,925.99	1,839.39
08 33 23 13-0667	EA	16' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	53,960.58	1,876.17
08 33 23 13-0668	EA	16' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	54,996.62	1,913.70
08 33 23 13-0669	EA	16' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	56,036.09	1,951.97
08 33 23 13-0670		**17' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)** *(08 33 23 13-0561)*		
08 33 23 13-0671	EA	17' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,737.84	1,652.51
08 33 23 13-0672	EA	17' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,772.75	1,683.67
08 33 23 13-0673	EA	17' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,803.78	1,714.82
08 33 23 13-0674	EA	17' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,836.76	1,745.95
08 33 23 13-0675	EA	17' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,869.74	1,777.10
08 33 23 13-0676	EA	17' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	51,902.72	1,808.24
08 33 23 13-0677	EA	17' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	52,925.99	1,839.39
08 33 23 13-0678	EA	17' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	53,960.58	1,876.17
08 33 23 13-0679	EA	17' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	54,996.62	1,913.70
08 33 23 13-0680	EA	17' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	56,036.09	1,951.97
08 33 23 13-0681	EA	17' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	57,075.17	1,991.01
08 33 23 13-0682		**18' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)** *(08 33 23 13-0561)*		
08 33 23 13-0683	EA	18' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,979.99	1,685.57
08 33 23 13-0684	EA	18' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,014.22	1,717.33
08 33 23 13-0685	EA	18' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,048.44	1,749.09
08 33 23 13-0686	EA	18' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	51,080.71	1,780.88
08 33 23 13-0687	EA	18' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	52,116.88	1,812.64
08 33 23 13-0688	EA	18' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	53,149.16	1,844.40
08 33 23 13-0689	EA	18' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	54,175.64	1,876.17
08 33 23 13-0690	EA	18' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	55,211.68	1,913.70
08 33 23 13-0691	EA	18' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	56,249.22	1,951.97
08 33 23 13-0692	EA	18' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	57,288.29	1,991.01
08 33 23 13-0693	EA	18' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	58,328.93	2,030.84
08 33 23 13-0694		**19' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)** *(08 33 23 13-0561)*		
08 33 23 13-0695	EA	19' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,328.10	1,719.28
08 33 23 13-0696	EA	19' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,365.53	1,751.69
08 33 23 13-0697	EA	19' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	51,399.10	1,784.09
08 33 23 13-0698	EA	19' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	52,434.58	1,816.48
08 33 23 13-0699	EA	19' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	53,470.08	1,848.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0700	EA	19' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	54,505.55	1,881.30
08 33 23 13-0701	EA	19' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	55,531.37	1,913.70
08 33 23 13-0702	EA	19' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	56,568.90	1,951.97
08 33 23 13-0703	EA	19' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	57,607.98	1,991.01
08 33 23 13-0704	EA	19' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	58,648.62	2,030.84
08 33 23 13-0705	EA	19' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	59,692.79	2,071.45
08 33 23 13-0706		**20' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)** *(08 33 23 13-0561)*		
08 33 23 13-0707	EA	20' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,998.73	1,754.01
08 33 23 13-0708	EA	20' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	52,038.10	1,786.24
08 33 23 13-0709	EA	20' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	53,072.45	1,819.62
08 33 23 13-0710	EA	20' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	54,109.90	1,852.99
08 33 23 13-0711	EA	20' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	55,146.17	1,886.37
08 33 23 13-0712	EA	20' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	56,182.47	1,918.60
08 33 23 13-0713	EA	20' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	57,210.21	1,951.97
08 33 23 13-0714	EA	20' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	58,249.47	1,991.10
08 33 23 13-0715	EA	20' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	59,289.89	2,031.39
08 33 23 13-0716	EA	20' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	60,332.61	2,071.67
08 33 23 13-0717	EA	20' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	61,376.46	2,113.10
08 33 23 13-0718		**Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®)** *(08 33 23 13-0560)*		
08 33 23 13-0719		**8' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®)** *(08 33 23 13-0718)*		
08 33 23 13-0720	EA	8' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	35,805.03	920.74
08 33 23 13-0721	EA	8' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	36,592.25	940.31
08 33 23 13-0722	EA	8' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	37,379.47	959.87
08 33 23 13-0723	EA	8' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,163.11	979.44
08 33 23 13-0724	EA	8' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,950.33	999.00
08 33 23 13-0725	EA	8' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,737.55	1,018.57
08 33 23 13-0726	EA	8' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	48,002.06	1,038.13
08 33 23 13-0727		**9' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®)** *(08 33 23 13-0718)*		
08 33 23 13-0728	EA	9' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	36,592.25	940.31
08 33 23 13-0729	EA	9' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	37,379.47	959.87
08 33 23 13-0730	EA	9' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,163.11	979.44
08 33 23 13-0731	EA	9' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,950.33	999.00
08 33 23 13-0732	EA	9' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,737.55	1,018.57
08 33 23 13-0733	EA	9' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	40,524.76	1,038.13
08 33 23 13-0734	EA	9' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	48,789.27	1,057.71
08 33 23 13-0735		**10' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®)** *(08 33 23 13-0718)*		
08 33 23 13-0736	EA	10' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	37,379.47	959.87
08 33 23 13-0737	EA	10' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,163.11	979.44
08 33 23 13-0738	EA	10' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,950.33	999.00
08 33 23 13-0739	EA	10' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,737.55	1,018.57
08 33 23 13-0740	EA	10' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	40,524.76	1,038.13
08 33 23 13-0741	EA	10' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	41,311.98	1,057.71
08 33 23 13-0742	EA	10' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	49,576.49	1,077.27
08 33 23 13-0743		**11' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®)** *(08 33 23 13-0718)*		
08 33 23 13-0744	EA	11' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,163.11	979.44
08 33 23 13-0745	EA	11' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,950.33	999.00
08 33 23 13-0746	EA	11' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,737.55	1,018.57
08 33 23 13-0747	EA	11' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	40,524.76	1,038.13
08 33 23 13-0748	EA	11' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	41,311.98	1,057.71
08 33 23 13-0749	EA	11' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	42,099.20	1,077.27
08 33 23 13-0750	EA	11' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	50,360.12	1,096.84
08 33 23 13-0751		**12' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®)** *(08 33 23 13-0718)*		
08 33 23 13-0752	EA	12' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,950.33	999.00
08 33 23 13-0753	EA	12' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,737.55	1,018.57
08 33 23 13-0754	EA	12' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	40,524.76	1,038.13
08 33 23 13-0755	EA	12' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	41,311.98	1,057.71
08 33 23 13-0756	EA	12' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	42,099.20	1,077.27
08 33 23 13-0757	EA	12' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	42,886.42	1,096.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0758	EA	12' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	51,147.35	1,116.40
08 33 23 13-0759		**13' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®)** *(08 33 23 13-0718)*		
08 33 23 13-0760	EA	13' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,737.55	1,018.57
08 33 23 13-0761	EA	13' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	40,524.76	1,038.13
08 33 23 13-0762	EA	13' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	41,311.98	1,057.71
08 33 23 13-0763	EA	13' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	42,099.20	1,077.27
08 33 23 13-0764	EA	13' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	42,886.42	1,096.84
08 33 23 13-0765	EA	13' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	43,673.65	1,116.40
08 33 23 13-0766	EA	13' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	51,934.57	1,135.97
08 33 23 13-0767		**14' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®)** *(08 33 23 13-0718)*		
08 33 23 13-0768	EA	14' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	48,002.06	1,038.13
08 33 23 13-0769	EA	14' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	48,789.27	1,057.71
08 33 23 13-0770	EA	14' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	49,576.49	1,077.27
08 33 23 13-0771	EA	14' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	50,360.12	1,096.84
08 33 23 13-0772	EA	14' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	51,147.35	1,116.40
08 33 23 13-0773	EA	14' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	51,934.57	1,135.97
08 33 23 13-0774	EA	14' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	52,721.79	1,155.53
08 33 23 13-0775		**Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®)** *(08 33 23 13-0560)*		
08 33 23 13-0776		**8' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®)** *(08 33 23 13-0775)*		
08 33 23 13-0777	EA	8' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	33,241.44	920.74
08 33 23 13-0778	EA	8' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	34,028.66	940.31
08 33 23 13-0779	EA	8' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	34,815.88	959.87
08 33 23 13-0780	EA	8' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	35,601.31	979.44
08 33 23 13-0781	EA	8' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	36,388.53	999.00
08 33 23 13-0782	EA	8' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	37,163.59	1,013.39
08 33 23 13-0783	EA	8' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	42,586.38	1,018.57
08 33 23 13-0784		**9' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®)** *(08 33 23 13-0775)*		
08 33 23 13-0785	EA	9' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	34,028.66	940.31
08 33 23 13-0786	EA	9' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	34,815.88	959.87
08 33 23 13-0787	EA	9' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	35,601.31	979.44
08 33 23 13-0788	EA	9' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	36,388.53	999.00
08 33 23 13-0789	EA	9' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	37,173.95	1,018.57
08 33 23 13-0790	EA	9' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	37,946.21	1,030.65
08 33 23 13-0791	EA	9' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	40,686.22	1,038.13
08 33 23 13-0792		**10' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®)** *(08 33 23 13-0775)*		
08 33 23 13-0793	EA	10' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	34,815.88	959.87
08 33 23 13-0794	EA	10' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	35,601.31	979.44
08 33 23 13-0795	EA	10' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	36,388.53	999.00
08 33 23 13-0796	EA	10' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	37,173.95	1,018.57
08 33 23 13-0797	EA	10' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	37,961.17	1,038.13
08 33 23 13-0798	EA	10' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	38,738.03	1,052.52
08 33 23 13-0799	EA	10' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	41,695.89	1,057.71
08 33 23 13-0800		**11' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®)** *(08 33 23 13-0775)*		
08 33 23 13-0801	EA	11' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	35,601.31	979.44
08 33 23 13-0802	EA	11' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	36,388.53	999.00
08 33 23 13-0803	EA	11' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	37,173.95	1,018.57
08 33 23 13-0804	EA	11' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	37,961.17	1,038.13
08 33 23 13-0805	EA	11' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	38,748.39	1,057.71
08 33 23 13-0806	EA	11' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	39,525.25	1,072.09
08 33 23 13-0807	EA	11' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	42,705.56	1,077.27
08 33 23 13-0808		**12' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®)** *(08 33 23 13-0775)*		
08 33 23 13-0809	EA	12' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	36,388.53	999.00
08 33 23 13-0810	EA	12' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	37,173.95	1,018.57
08 33 23 13-0811	EA	12' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	37,961.17	1,038.13
08 33 23 13-0812	EA	12' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	38,748.39	1,057.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0813	EA	12' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	39,535.61	1,077.27
08 33 23 13-0814	EA	12' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	40,310.18	1,090.50
08 33 23 13-0815	EA	12' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	43,715.23	1,096.84
08 33 23 13-0816		**13' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®)** *(08 33 23 13-0775)*		
08 33 23 13-0817	EA	13' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	37,173.95	1,018.57
08 33 23 13-0818	EA	13' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	37,961.17	1,038.13
08 33 23 13-0819	EA	13' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	38,748.39	1,057.71
08 33 23 13-0820	EA	13' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	39,535.61	1,077.27
08 33 23 13-0821	EA	13' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	40,322.83	1,096.84
08 33 23 13-0822	EA	13' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	41,098.54	1,110.64
08 33 23 13-0823	EA	13' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	44,724.92	1,116.40
08 33 23 13-0824		**14' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®)** *(08 33 23 13-0775)*		
08 33 23 13-0825	EA	14' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	42,625.51	1,038.13
08 33 23 13-0826	EA	14' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	43,635.18	1,057.71
08 33 23 13-0827	EA	14' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	44,644.85	1,077.27
08 33 23 13-0828	EA	14' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	45,652.73	1,096.84
08 33 23 13-0829	EA	14' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	46,664.20	1,116.40
08 33 23 13-0830	EA	14' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	47,663.51	1,130.78
08 33 23 13-0831	EA	14' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	47,673.87	1,135.97
08 33 23 13-0832		**Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®)** *(08 33 23 13-0560)*		
08 33 23 13-0833		**8' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®)** *(08 33 23 13-0832)*		
08 33 23 13-0834	EA	8' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	44,632.97	920.74
08 33 23 13-0835	EA	8' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	45,635.04	940.31
08 33 23 13-0836	EA	8' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	46,635.17	959.87
08 33 23 13-0837	EA	8' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	48,168.11	979.44
08 33 23 13-0838	EA	8' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	49,702.99	999.00
08 33 23 13-0839	EA	8' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	51,237.86	1,018.57
08 33 23 13-0840	EA	8' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	52,772.74	1,038.13
08 33 23 13-0841		**9' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®)** *(08 33 23 13-0832)*		
08 33 23 13-0842	EA	9' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	45,635.04	940.31
08 33 23 13-0843	EA	9' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	46,635.17	959.87
08 33 23 13-0844	EA	9' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	47,635.30	979.44
08 33 23 13-0845	EA	9' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	49,170.18	999.00
08 33 23 13-0846	EA	9' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	50,703.12	1,018.57
08 33 23 13-0847	EA	9' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	52,237.99	1,038.13
08 33 23 13-0848	EA	9' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	53,782.55	1,057.71
08 33 23 13-0849		**10' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®)** *(08 33 23 13-0832)*		
08 33 23 13-0850	EA	10' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	46,635.17	959.87
08 33 23 13-0851	EA	10' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	47,635.30	979.44
08 33 23 13-0852	EA	10' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	48,635.43	999.00
08 33 23 13-0853	EA	10' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	50,170.31	1,018.57
08 33 23 13-0854	EA	10' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	51,703.24	1,038.13
08 33 23 13-0855	EA	10' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	53,238.12	1,057.71
08 33 23 13-0856	EA	10' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	54,792.37	1,077.27
08 33 23 13-0857		**11' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®)** *(08 33 23 13-0832)*		
08 33 23 13-0858	EA	11' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	47,635.30	979.44
08 33 23 13-0859	EA	11' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	48,635.43	999.00
08 33 23 13-0860	EA	11' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	49,635.56	1,018.57
08 33 23 13-0861	EA	11' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	51,170.43	1,038.13
08 33 23 13-0862	EA	11' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	52,705.31	1,057.71
08 33 23 13-0863	EA	11' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	54,238.25	1,077.27
08 33 23 13-0864	EA	11' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	55,800.25	1,096.84
08 33 23 13-0865		**12' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®)** *(08 33 23 13-0832)*		
08 33 23 13-0866	EA	12' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	48,635.43	999.00
08 33 23 13-0867	EA	12' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	49,635.56	1,018.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0868	EA	12' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	50,635.68	1,038.13
08 33 23 13-0869	EA	12' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	52,170.56	1,057.71
08 33 23 13-0870	EA	12' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	53,705.43	1,077.27
08 33 23 13-0871	EA	12' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	55,238.37	1,096.84
08 33 23 13-0872	EA	12' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	56,812.01	1,116.40
08 33 23 13-0873		**13' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®)** *(08 33 23 13-0832)*		
08 33 23 13-0874	EA	13' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	49,635.56	1,018.57
08 33 23 13-0875	EA	13' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	50,635.68	1,038.13
08 33 23 13-0876	EA	13' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	51,635.81	1,057.71
08 33 23 13-0877	EA	13' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	53,170.69	1,077.27
08 33 23 13-0878	EA	13' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	54,705.56	1,096.84
08 33 23 13-0879	EA	13' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	56,240.45	1,116.40
08 33 23 13-0880	EA	13' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	57,821.82	1,135.97
08 33 23 13-0881		**14' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®)** *(08 33 23 13-0832)*		
08 33 23 13-0882	EA	14' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	50,635.68	1,038.13
08 33 23 13-0883	EA	14' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	51,635.81	1,057.71
08 33 23 13-0884	EA	14' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	52,635.94	1,077.27
08 33 23 13-0885	EA	14' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	54,170.81	1,096.84
08 33 23 13-0886	EA	14' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	55,705.70	1,116.40
08 33 23 13-0887	EA	14' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	57,240.57	1,135.97
08 33 23 13-0888	EA	14' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	58,821.95	1,155.53
08 33 23 13-0889		**Rytec® Spiral® Door Options** *(08 33 23 13-0560)*		
08 33 23 13-0890	EA	Insulated Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Per door price.	583.04	
08 33 23 13-0891	EA	Up To 13' Wide Doors, Width Of Door, Ventilated Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Maximum of 4 per door.	394.67	
08 33 23 13-0892	EA	>13' Wide Doors, Width Of Door, Ventilated Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Maximum of 4 per door.	583.04	
08 33 23 13-0893	EA	Up To 13' Wide Doors, 6" High x Width Of Door, Window Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Maximum of 4 per door.	394.67	
08 33 23 13-0894	EA	>13' Wide Doors, 6" High x Width Of Door, Window Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Maximum of 4 per door.	583.04	
08 33 23 13-0895	EA	Right Hand Motor Mount For Rytec® Spiral® High-Speed Rolling Doors	1,083.84	57.54
08 33 23 13-0896	EA	Up To 13' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors	3,136.43	115.09
08 33 23 13-0897	EA	>13' To 16' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors	5,656.97	115.09
08 33 23 13-0898	EA	>16' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors	6,437.35	115.09
08 33 23 13-0899	EA	Through Wall Brake Release For Rytec® Spiral® High-Speed Rolling Doors	678.12	
08 33 23 13-0900		**Activation And Control Box Options For High Speed Doors** *(08 33 23 13)*		
08 33 23 13-0901	EA	Pull Cord For High-Speed Rolling Doors	258.61	57.54
08 33 23 13-0902	EA	Emergency Stop, Pushbutton Control For High-Speed Rolling Doors	201.06	28.77
08 33 23 13-0903	EA	NEMA 4 Mushroom Remote Pushbutton Control For High-Speed Rolling Doors	254.88	28.77
08 33 23 13-0904	EA	On/Off Selector Switch, Remote Control For High-Speed Rolling Doors	174.15	28.77
08 33 23 13-0905	EA	On/Off Key Switch, Remote Control For High-Speed Rolling Doors	272.82	28.77
08 33 23 13-0906	EA	Keyed Remote Single Pushbutton Control For High-Speed Rolling Doors	452.21	28.77
08 33 23 13-0907	EA	Open/Close/Stop, Remote Pushbutton Control For High-Speed Rolling Doors	497.06	28.77
08 33 23 13-0908	EA	Radio Control For High-Speed Rolling Doors Note: Includes one receiver and two transmitters.	755.68	51.80
08 33 23 13-0909	EA	Floor Loop For High-Speed Rolling Doors Note: Excludes sealant.	985.86	
08 33 23 13-0910	EA	Reflective Type Photo Eye For High-Speed Rolling Doors	647.52	51.80
08 33 23 13-0911	EA	Thru-Beam Type Photo Eye For High-Speed Rolling Doors	854.35	51.80
08 33 23 13-0912	EA	Motion Detector For High-Speed Rolling Doors	750.76	34.53
08 33 23 13-0913	EA	Remote Warning Horn For High-Speed Rolling Doors Note: Includes wall box and mounting hardware.	509.76	57.54
08 33 23 13-0914	EA	Remote Strobe Light For High-Speed Rolling Doors Note: Includes wall box and mounting hardware.	698.13	57.54
08 33 23 13-0915	EA	Remote Warning Horn And Strobe Light For High-Speed Rolling Doors Note: Includes wall box and mounting hardware.	796.80	57.54
08 33 23 13-0916	EA	Red And Green Red Light For High-Speed Rolling Doors Note: Includes mounting hardware.	994.14	57.54

08 33 26 Overhead Coiling Grilles *(08 33)*

Note: Includes curtains, guides, counterbalance mechanisms, hardware, operators, frame, supports and/or trim as required. Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-0943 for forklift.

08 33 26 00-0001		**Galvanized Steel Overhead Coiling Grilles (Width x Height)** *(08 33 26)*		
08 33 26 00-0002	EA	4' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,085.31	263.54
		For Lexan Lattice Pattern, Add	*199.94*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*165.33*	
		For Staggered Brick Pattern, Add	*223.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 26 00-0003	EA	6' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,323.15	263.54
		For Lexan Lattice Pattern, Add	*235.62*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*248.00*	
		For Staggered Brick Pattern, Add	*303.09*	
08 33 26 00-0004	EA	8' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,810.64	329.42
		For Lexan Lattice Pattern, Add	*280.28*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*330.66*	
		For Staggered Brick Pattern, Add	*382.38*	
08 33 26 00-0005	EA	12' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,153.64	329.42
		For Lexan Lattice Pattern, Add	*331.73*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*436.11*	
		For Staggered Brick Pattern, Add	*540.97*	
08 33 26 00-0006	EA	16' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	4,425.85	527.08
		For Lexan Lattice Pattern, Add	*437.63*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*661.32*	
		For Staggered Brick Pattern, Add	*762.89*	
08 33 26 00-0007	EA	20' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	5,502.18	658.84
		For Lexan Lattice Pattern, Add	*543.53*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*826.65*	
		For Staggered Brick Pattern, Add	*984.80*	
08 33 26 00-0008	EA	24' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	6,891.26	790.60
		For Lexan Lattice Pattern, Add	*695.13*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*991.98*	
		For Staggered Brick Pattern, Add	*1,107.78*	
08 33 26 00-0009	EA	30' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	8,401.83	966.30
		For Lexan Lattice Pattern, Add	*847.47*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,148.93*	
		For Staggered Brick Pattern, Add	*1,208.18*	
08 33 26 00-0010	EA	4' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,257.70	263.54
		For Lexan Lattice Pattern, Add	*225.80*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*206.66*	
		For Staggered Brick Pattern, Add	*265.88*	
08 33 26 00-0011	EA	6' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,572.91	263.54
		For Lexan Lattice Pattern, Add	*273.08*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*309.98*	
		For Staggered Brick Pattern, Add	*377.56*	
08 33 26 00-0012	EA	8' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,086.40	329.42
		For Lexan Lattice Pattern, Add	*322.06*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*413.33*	
		For Staggered Brick Pattern, Add	*489.24*	
08 33 26 00-0013	EA	12' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,515.97	329.42
		For Lexan Lattice Pattern, Add	*386.50*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*619.99*	
		For Staggered Brick Pattern, Add	*712.61*	
08 33 26 00-0014	EA	16' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	4,903.28	527.08
		For Lexan Lattice Pattern, Add	*509.24*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*826.65*	
		For Staggered Brick Pattern, Add	*982.59*	
08 33 26 00-0015	EA	20' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	6,091.87	658.84
		For Lexan Lattice Pattern, Add	*631.98*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,033.31*	
		For Staggered Brick Pattern, Add	*1,252.57*	
08 33 26 00-0016	EA	24' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	7,603.73	790.60
		For Lexan Lattice Pattern, Add	*802.00*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,240.12*	
		For Staggered Brick Pattern, Add	*1,450.57*	
08 33 26 00-0017	EA	30' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	9,501.96	966.30
		For Lexan Lattice Pattern, Add	*1,012.49*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,452.00*	
		For Staggered Brick Pattern, Add	*1,624.96*	
08 33 26 00-0018	EA	4' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,455.11	263.54
		For Lexan Lattice Pattern, Add	*255.41*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*248.00*	
		For Staggered Brick Pattern, Add	*307.34*	
08 33 26 00-0019	EA	6' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,512.26	263.54
		For Lexan Lattice Pattern, Add	*263.99*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*371.99*	
		For Staggered Brick Pattern, Add	*450.78*	
08 33 26 00-0020	EA	8' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,070.14	329.42
		For Lexan Lattice Pattern, Add	*319.20*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*495.98*	
		For Staggered Brick Pattern, Add	*594.22*	
08 33 26 00-0021	EA	12' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,929.12	329.42
		For Lexan Lattice Pattern, Add	*448.05*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*743.95*	
		For Staggered Brick Pattern, Add	*881.09*	
08 33 26 00-0022	EA	16' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	5,578.17	527.08
		For Lexan Lattice Pattern, Add	*610.48*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*991.96*	
		For Staggered Brick Pattern, Add	*1,224.97*	
08 33 26 00-0023	EA	20' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	7,031.34	658.84
		For Lexan Lattice Pattern, Add	*772.91*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,239.96*	
		For Staggered Brick Pattern, Add	*1,568.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 26 00-0024	EA	24' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	8,516.73	790.60
		For Lexan Lattice Pattern, Add	*938.95*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,487.96*	
		For Staggered Brick Pattern, Add	*1,658.84*	
08 33 26 00-0025	EA	30' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	10,588.90	966.30
		For Lexan Lattice Pattern, Add	*1,175.53*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,724.33*	
		For Staggered Brick Pattern, Add	*1,807.33*	
08 33 26 00-0026	EA	4' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,808.20	263.54
		For Lexan Lattice Pattern, Add	*308.38*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*289.22*	
		For Staggered Brick Pattern, Add	*568.47*	
08 33 26 00-0027	EA	6' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,193.70	263.54
		For Lexan Lattice Pattern, Add	*366.20*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*433.91*	
		For Staggered Brick Pattern, Add	*698.01*	
08 33 26 00-0028	EA	8' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,770.40	329.42
		For Lexan Lattice Pattern, Add	*424.66*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*578.60*	
		For Staggered Brick Pattern, Add	*812.77*	
08 33 26 00-0029	EA	12' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	4,580.21	329.42
		For Lexan Lattice Pattern, Add	*546.13*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*867.98*	
		For Staggered Brick Pattern, Add	*1,030.66*	
08 33 26 00-0030	EA	16' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	6,251.54	527.08
		For Lexan Lattice Pattern, Add	*711.48*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,157.31*	
		For Staggered Brick Pattern, Add	*1,378.83*	
08 33 26 00-0031	EA	20' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	7,724.18	658.84
		For Lexan Lattice Pattern, Add	*876.83*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,446.62*	
		For Staggered Brick Pattern, Add	*1,727.00*	
08 33 26 00-0032	EA	24' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	9,236.07	790.60
		For Lexan Lattice Pattern, Add	*1,046.85*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,735.95*	
		For Staggered Brick Pattern, Add	*1,958.61*	
08 33 26 00-0033	EA	30' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	11,760.80	966.30
		For Lexan Lattice Pattern, Add	*1,351.31*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,049.31*	
		For Staggered Brick Pattern, Add	*2,237.81*	

08 33 26 00-0034 Coiling Grilles Accessories *(08 33 26)*

08 33 26 00-0035	LF	For Overhead Framed Rolling Grille Supports	112.02	

08 33 36 Side Coiling Grilles *(08 33)*

08 33 36 00-0001 Galvanized Steel Side Coiling Grilles (Width x Height) *(08 33 36)*

08 33 36 00-0002	EA	12' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated	3,693.27	736.90
		For Lexan Lattice Pattern, Add	*238.15*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*495.99*	
		For Staggered Brick Pattern, Add	*540.97*	
08 33 36 00-0003	EA	18' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated	5,035.72	946.59
		For Lexan Lattice Pattern, Add	*349.67*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*760.80*	
		For Staggered Brick Pattern, Add	*866.45*	
08 33 36 00-0004	EA	24' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated	6,471.92	1,193.56
		For Lexan Lattice Pattern, Add	*459.27*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*991.98*	
		For Staggered Brick Pattern, Add	*1,107.78*	
08 33 36 00-0005	EA	30' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated	7,593.53	1,317.68
		For Lexan Lattice Pattern, Add	*574.08*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,148.93*	
		For Staggered Brick Pattern, Add	*1,208.18*	
08 33 36 00-0006	EA	12' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated	4,383.60	840.18
		For Lexan Lattice Pattern, Add	*297.48*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*619.99*	
		For Staggered Brick Pattern, Add	*712.61*	
08 33 36 00-0007	EA	18' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated	6,000.54	1,079.11
		For Lexan Lattice Pattern, Add	*437.35*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*913.08*	
		For Staggered Brick Pattern, Add	*1,082.08*	
08 33 36 00-0008	EA	24' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated	7,645.28	1,360.22
		For Lexan Lattice Pattern, Add	*563.65*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,240.12*	
		For Staggered Brick Pattern, Add	*1,450.57*	
08 33 36 00-0009	EA	30' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated	9,092.17	1,502.15
		For Lexan Lattice Pattern, Add	*717.40*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,452.00*	
		For Staggered Brick Pattern, Add	*1,624.96*	
08 33 36 00-0010	EA	12' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated	5,085.13	946.59
		For Lexan Lattice Pattern, Add	*357.08*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*743.95*	
		For Staggered Brick Pattern, Add	*881.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 36 00-0011	EA	18' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated	6,979.14	1,215.78
		For Lexan Lattice Pattern, Add	*523.98*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,098.46*	
		For Staggered Brick Pattern, Add	*1,343.44*	
08 33 36 00-0012	EA	24' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated	8,950.08	1,532.90
		For Lexan Lattice Pattern, Add	*688.90*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,487.96*	
		For Staggered Brick Pattern, Add	*1,658.84*	
08 33 36 00-0013	EA	30' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated	10,574.94	1,691.02
		For Lexan Lattice Pattern, Add	*861.13*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,724.33*	
		For Staggered Brick Pattern, Add	*1,807.33*	
08 33 36 00-0014	EA	12' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated	5,771.38	1,046.61
		For Lexan Lattice Pattern, Add	*417.52*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*867.98*	
		For Staggered Brick Pattern, Add	*1,030.66*	
08 33 36 00-0015	EA	18' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated	7,950.99	1,344.03
		For Lexan Lattice Pattern, Add	*611.66*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,255.41*	
		For Staggered Brick Pattern, Add	*1,492.65*	
08 33 36 00-0016	EA	24' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated	10,184.79	1,694.53
		For Lexan Lattice Pattern, Add	*803.72*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,735.95*	
		For Staggered Brick Pattern, Add	*1,958.61*	
08 33 36 00-0017	EA	30' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated	12,038.85	1,871.10
		For Lexan Lattice Pattern, Add	*1,004.13*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,049.31*	
		For Staggered Brick Pattern, Add	*2,237.81*	

08 33 43 Overhead Coiling Smoke Curtains *(08 33)*

08 33 43 00-0001 Elevator Smoke Guard *(08 33 43)*

08 33 43 00-0002	EA	Elevator Smoke Guard, 55" Width Housing (Smoke Guard 400)	16,153.15	736.90
08 33 43 00-0003	EA	Elevator Smoke Guard, 64" Width Housing (Smoke Guard 400)	16,747.82	736.90
08 33 43 00-0004	EA	Elevator Smoke Guard, 73" Width Housing (Smoke Guard 400)	17,342.50	736.90

08 34 Special Function Doors *(08 30)*

08 34 53 Security Doors and Frames *(08 34)*

08 34 53 00-0001 Metal Security Doors, Bullet Resistant *(08 34 53)*

Note: Includes door, frame, hardware hinges, lockset and cylinder, all UL 753 Listed.

08 34 53 00-0002	SF	Metal Security Door	84.26	10.29
08 34 53 00-0003	EA	Up To 3' x 7' (.38 caliber) Medium-Small Arms Metal Security Door	3,445.92	513.89
08 34 53 00-0004	EA	Up To 3' x 7' (.44 caliber) Super-Small Arms Metal Security Door	4,081.84	545.51

08 34 53 00-0005 Metal Security Doors *(08 34 53)*

Note: Includes standard pitcher handle latch, pneumatic closure, hinges and baked enamel finish.

08 34 53 00-0006	EA	Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-501-28-O) Note: Top and bottom section are #12 mesh 0.028" stainless steel wire cloth with a bottom kick plate.	753.17	94.12
08 34 53 00-0007	EA	Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-503-28-O) Note: Top section is #12 mesh 0.028" stainless steel wire cloth and bottom section is a double kick panel.	753.17	94.12
08 34 53 00-0008	EA	Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-504-28-O) Note: Top section includes 1/8" tempered sash unit and #12 mesh 0.028" stainless steel wire cloth. Bottom section is a double kick panel.	1,035.65	94.12

08 34 73 Sound Control Door Assemblies *(08 34)*

08 34 73 13 Metal Sound Control Door Assemblies *(08 34 73)*

08 34 73 13-0001 Steel Acoustical Door Assembly *(08 34 73 13)*

Note: Includes seal.

08 34 73 13-0002 Steel Acoustical Doors *(08 34 73 13-0001)*

Note: Includes hardware: cam lift hinges and seals. Excludes frame, hardware: locksets, closer, electromagnetic release, etc. See CSI section 08 71 11 00-2132 for exit devices (panic bar).

08 34 73 13-0003	EA	3' x 7', 16 Gauge, STC 50, Steel Acoustical Door, Unrated Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.	4,551.11	207.16
		For Accent Window Vision Lite, Add	*1,649.34*	
		For Half Window Vision Lite, Add	*1,707.16*	
		For Full Window Vision Lite, Add	*1,764.98*	
		For 8' Height, Add	*559.97*	
		For 45 Minutes Fire Rated, Add	*235.78*	
		For 60 Minutes Fire Rated, Add	*353.66*	
		For 90 Minutes Fire Rated, Add	*589.44*	
		For 120 Minutes Fire Rated, Add	*825.22*	
		For 45 STC Rating, Deduct	*-986.33*	
		For 48 STC Rating, Deduct	*-707.33*	
		For 52 STC Rating, Add	*550.15*	
		For 56 STC Rating, Add	*1,493.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 13-0004	EA	3'-6" x 7', 16 Gauge, STC 50, Steel Acoustical Door, Unrated	4,814.36	215.80
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Accent Window Vision Lite, Add	*1,649.34*	
		For Half Window Vision Lite, Add	*1,707.16*	
		For Full Window Vision Lite, Add	*1,764.98*	
		For 8' Height, Add	*593.79*	
		For 45 Minutes Fire Rated, Add	*250.02*	
		For 60 Minutes Fire Rated, Add	*375.03*	
		For 90 Minutes Fire Rated, Add	*625.05*	
		For 120 Minutes Fire Rated, Add	*875.06*	
		For 45 STC Rating, Deduct	*-1,045.91*	
		For 48 STC Rating, Deduct	*-750.05*	
		For 52 STC Rating, Add	*583.38*	
		For 56 STC Rating, Add	*1,583.45*	
08 34 73 13-0005	EA	4' x 7', 16 Gauge, STC 50, Steel Acoustical Door, Unrated	5,103.52	233.07
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Accent Window Vision Lite, Add	*1,649.34*	
		For Half Window Vision Lite, Add	*1,707.16*	
		For Full Window Vision Lite, Add	*1,764.98*	
		For 8' Height, Add	*627.62*	
		For 45 Minutes Fire Rated, Add	*264.26*	
		For 60 Minutes Fire Rated, Add	*396.39*	
		For 90 Minutes Fire Rated, Add	*660.65*	
		For 120 Minutes Fire Rated, Add	*924.91*	
		For 45 STC Rating, Deduct	*-1,105.49*	
		For 48 STC Rating, Deduct	*-792.78*	
		For 52 STC Rating, Add	*616.61*	
		For 56 STC Rating, Add	*1,673.65*	
08 34 73 13-0006	PR	Pair 3' x 7', 16 Gauge, STC 50, Steel Acoustical Doors, Unrated	9,040.06	393.62
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Pair Accent Window Vision Lites, Add	*3,298.68*	
		For Pair Half Window Vision Lites, Add	*3,414.32*	
		For Pair Full Window Vision Lites, Add	*3,529.95*	
		For 8' Height, Add	*1,119.94*	
		For 45 Minutes Fire Rated, Add	*471.55*	
		For 60 Minutes Fire Rated, Add	*707.33*	
		For 90 Minutes Fire Rated, Add	*1,178.88*	
		For 120 Minutes Fire Rated, Add	*1,650.43*	
		For 45 STC Rating, Deduct	*-1,972.66*	
		For 48 STC Rating, Deduct	*-1,414.66*	
		For 52 STC Rating, Add	*1,100.29*	
		For 56 STC Rating, Add	*2,986.50*	
08 34 73 13-0007	PR	Pair 3'-6" x 7', 16 Gauge, STC 50, Steel Acoustical Door, Unrated	9,525.14	397.07
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Pair Accent Window Vision Lites, Add	*3,298.68*	
		For Pair Half Window Vision Lites, Add	*3,414.32*	
		For Pair Full Window Vision Lites, Add	*3,529.95*	
		For 8' Height, Add	*1,187.59*	
		For 45 Minutes Fire Rated, Add	*500.04*	
		For 60 Minutes Fire Rated, Add	*750.05*	
		For 90 Minutes Fire Rated, Add	*1,250.09*	
		For 120 Minutes Fire Rated, Add	*1,750.13*	
		For 45 STC Rating, Deduct	*-2,091.82*	
		For 48 STC Rating, Deduct	*-1,500.11*	
		For 52 STC Rating, Add	*1,166.75*	
		For 56 STC Rating, Add	*3,166.89*	
08 34 73 13-0008	EA	3' x 7', 14 Gauge, STC 50, Steel Acoustical Door, Unrated	5,112.68	130.06
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Accent Window Vision Lite, Add	*1,649.34*	
		For Half Window Vision Lite, Add	*1,707.16*	
		For Full Window Vision Lite, Add	*1,764.98*	
		For 8' Height, Add	*635.56*	
		For 45 Minutes Fire Rated, Add	*267.61*	
		For 60 Minutes Fire Rated, Add	*401.41*	
		For 90 Minutes Fire Rated, Add	*669.02*	
		For 120 Minutes Fire Rated, Add	*936.62*	
		For 45 STC Rating, Deduct	*-1,119.49*	
		For 48 STC Rating, Deduct	*-802.82*	
		For 52 STC Rating, Add	*624.41*	
		For 56 STC Rating, Add	*1,694.84*	
08 34 73 13-0009	EA	3'-6" x 7', 14 Gauge, STC 50, Steel Acoustical Door, Unrated	5,408.56	226.73
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Accent Window Vision Lite, Add	*1,649.34*	
		For Half Window Vision Lite, Add	*1,707.16*	
		For Full Window Vision Lite, Add	*1,764.98*	
		For 8' Height, Add	*673.96*	
		For 45 Minutes Fire Rated, Add	*283.77*	
		For 60 Minutes Fire Rated, Add	*425.66*	
		For 90 Minutes Fire Rated, Add	*709.43*	
		For 120 Minutes Fire Rated, Add	*993.20*	
		For 45 STC Rating, Deduct	*-1,187.11*	
		For 48 STC Rating, Deduct	*-851.31*	
		For 52 STC Rating, Add	*662.13*	
		For 56 STC Rating, Add	*1,797.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 13-0010	EA	4' x 7', 14 Gauge, STC 50, Steel Acoustical Door, Unrated	5,733.21	245.15
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Accent Window Vision Lite, Add	*1,649.34*	
		For Half Window Vision Lite, Add	*1,707.16*	
		For Full Window Vision Lite, Add	*1,764.98*	
		For 8' Height, Add	*712.34*	
		For 45 Minutes Fire Rated, Add	*299.93*	
		For 60 Minutes Fire Rated, Add	*449.90*	
		For 90 Minutes Fire Rated, Add	*749.84*	
		For 120 Minutes Fire Rated, Add	*1,049.77*	
		For 45 STC Rating, Deduct	*-1,254.73*	
		For 48 STC Rating, Deduct	*-899.80*	
		For 52 STC Rating, Add	*699.85*	
		For 56 STC Rating, Add	*1,899.59*	
08 34 73 13-0011	PR	Pair 3' x 7', 14 Gauge, STC 50, Steel Acoustical Doors, Unrated	9,629.26	413.18
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Pair Accent Window Vision Lites, Add	*3,298.68*	
		For Pair Half Window Vision Lites, Add	*3,414.32*	
		For Pair Full Window Vision Lites, Add	*3,529.95*	
		For 8' Height, Add	*1,195.53*	
		For 45 Minutes Fire Rated, Add	*503.38*	
		For 60 Minutes Fire Rated, Add	*755.07*	
		For 90 Minutes Fire Rated, Add	*1,258.46*	
		For 120 Minutes Fire Rated, Add	*1,761.84*	
		For 45 STC Rating, Deduct	*-2,105.82*	
		For 48 STC Rating, Deduct	*-1,510.15*	
		For 52 STC Rating, Add	*1,174.56*	
		For 56 STC Rating, Add	*3,188.09*	
08 34 73 13-0012	PR	Pair 3'-6" x 7', 14 Gauge, STC 50, Steel Acoustical Door, Unrated	10,147.53	416.63
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Pair Accent Window Vision Lites, Add	*3,298.68*	
		For Pair Half Window Vision Lites, Add	*3,414.32*	
		For Pair Full Window Vision Lites, Add	*3,529.95*	
		For 8' Height, Add	*1,267.75*	
		For 45 Minutes Fire Rated, Add	*533.79*	
		For 60 Minutes Fire Rated, Add	*800.68*	
		For 90 Minutes Fire Rated, Add	*1,334.47*	
		For 120 Minutes Fire Rated, Add	*1,868.26*	
		For 45 STC Rating, Deduct	*-2,233.01*	
		For 48 STC Rating, Deduct	*-1,601.36*	
		For 52 STC Rating, Add	*1,245.51*	
		For 56 STC Rating, Add	*3,380.66*	

08 34 73 13-0013 Steel Acoustical Door Frames *(08 34 73 13-0001)*

Note: Includes threshold and rating up to STC 55.

08 34 73 13-0014	EA	3' x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,232.00	115.09
		For 8' Height, Add	*318.74*	
		For 45 Minutes Fire Rated, Add	*194.01*	
		For 60 Minutes Fire Rated, Add	*332.59*	
		For 90 Minutes Fire Rated, Add	*471.18*	
		For 120 Minutes Fire Rated, Add	*665.19*	
08 34 73 13-0015	EA	3' x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,310.51	115.09
		For 8' Height, Add	*327.76*	
		For 45 Minutes Fire Rated, Add	*199.51*	
		For 60 Minutes Fire Rated, Add	*342.02*	
		For 90 Minutes Fire Rated, Add	*484.52*	
		For 120 Minutes Fire Rated, Add	*684.03*	
08 34 73 13-0016	EA	3' x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,389.02	115.09
		For 8' Height, Add	*336.79*	
		For 45 Minutes Fire Rated, Add	*205.00*	
		For 60 Minutes Fire Rated, Add	*351.44*	
		For 90 Minutes Fire Rated, Add	*497.87*	
		For 120 Minutes Fire Rated, Add	*702.87*	
08 34 73 13-0017	EA	3' x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,467.53	115.09
		For 8' Height, Add	*345.82*	
		For 45 Minutes Fire Rated, Add	*210.50*	
		For 60 Minutes Fire Rated, Add	*360.86*	
		For 90 Minutes Fire Rated, Add	*511.22*	
		For 120 Minutes Fire Rated, Add	*721.72*	
08 34 73 13-0018	EA	3'-6" x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,687.01	126.61
		For 8' Height, Add	*365.77*	
		For 45 Minutes Fire Rated, Add	*222.64*	
		For 60 Minutes Fire Rated, Add	*381.67*	
		For 90 Minutes Fire Rated, Add	*540.70*	
		For 120 Minutes Fire Rated, Add	*763.35*	
08 34 73 13-0019	EA	3'-6" x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,774.65	126.61
		For 8' Height, Add	*375.85*	
		For 45 Minutes Fire Rated, Add	*228.78*	
		For 60 Minutes Fire Rated, Add	*392.19*	
		For 90 Minutes Fire Rated, Add	*555.60*	
		For 120 Minutes Fire Rated, Add	*784.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 13-0020	EA	3'-6" x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,853.16	126.61
		For 8' Height, Add	*384.88*	
		For 45 Minutes Fire Rated, Add	*234.27*	
		For 60 Minutes Fire Rated, Add	*401.61*	
		For 90 Minutes Fire Rated, Add	*568.95*	
		For 120 Minutes Fire Rated, Add	*803.22*	
08 34 73 13-0021	EA	3'-6" x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,950.54	126.61
		For 8' Height, Add	*396.08*	
		For 45 Minutes Fire Rated, Add	*241.09*	
		For 60 Minutes Fire Rated, Add	*413.30*	
		For 90 Minutes Fire Rated, Add	*585.50*	
		For 120 Minutes Fire Rated, Add	*826.59*	
08 34 73 13-0022	EA	4' x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	4,139.11	132.35
		For 8' Height, Add	*415.11*	
		For 45 Minutes Fire Rated, Add	*252.68*	
		For 60 Minutes Fire Rated, Add	*433.16*	
		For 90 Minutes Fire Rated, Add	*613.65*	
		For 120 Minutes Fire Rated, Add	*866.32*	
08 34 73 13-0023	EA	4' x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	4,217.62	132.35
		For 8' Height, Add	*424.14*	
		For 45 Minutes Fire Rated, Add	*258.17*	
		For 60 Minutes Fire Rated, Add	*442.58*	
		For 90 Minutes Fire Rated, Add	*626.99*	
		For 120 Minutes Fire Rated, Add	*885.17*	
08 34 73 13-0024	EA	4' x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	4,296.13	132.35
		For 8' Height, Add	*433.17*	
		For 45 Minutes Fire Rated, Add	*263.67*	
		For 60 Minutes Fire Rated, Add	*452.00*	
		For 90 Minutes Fire Rated, Add	*640.34*	
		For 120 Minutes Fire Rated, Add	*904.01*	
08 34 73 13-0025	EA	4' x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	4,383.77	132.35
		For 8' Height, Add	*443.25*	
		For 45 Minutes Fire Rated, Add	*269.80*	
		For 60 Minutes Fire Rated, Add	*462.52*	
		For 90 Minutes Fire Rated, Add	*655.24*	
		For 120 Minutes Fire Rated, Add	*925.04*	
08 34 73 13-0026	EA	6' x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,167.84	149.62
		For 8' Height, Add	*755.48*	
		For 45 Minutes Fire Rated, Add	*459.86*	
		For 60 Minutes Fire Rated, Add	*788.32*	
		For 90 Minutes Fire Rated, Add	*1,116.79*	
		For 120 Minutes Fire Rated, Add	*1,576.65*	
08 34 73 13-0027	EA	6' x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,242.70	149.62
		For 8' Height, Add	*764.09*	
		For 45 Minutes Fire Rated, Add	*465.10*	
		For 60 Minutes Fire Rated, Add	*797.31*	
		For 90 Minutes Fire Rated, Add	*1,129.52*	
		For 120 Minutes Fire Rated, Add	*1,594.61*	
08 34 73 13-0028	EA	6' x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,323.04	149.62
		For 8' Height, Add	*773.32*	
		For 45 Minutes Fire Rated, Add	*470.72*	
		For 60 Minutes Fire Rated, Add	*806.95*	
		For 90 Minutes Fire Rated, Add	*1,143.18*	
		For 120 Minutes Fire Rated, Add	*1,613.89*	
08 34 73 13-0029	EA	6' x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,405.20	149.62
		For 8' Height, Add	*782.77*	
		For 45 Minutes Fire Rated, Add	*476.47*	
		For 60 Minutes Fire Rated, Add	*816.81*	
		For 90 Minutes Fire Rated, Add	*1,157.14*	
		For 120 Minutes Fire Rated, Add	*1,633.61*	
08 34 73 13-0030	EA	7' x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,683.56	155.38
		For 8' Height, Add	*812.14*	
		For 45 Minutes Fire Rated, Add	*494.34*	
		For 60 Minutes Fire Rated, Add	*847.45*	
		For 90 Minutes Fire Rated, Add	*1,200.55*	
		For 120 Minutes Fire Rated, Add	*1,694.89*	
08 34 73 13-0031	EA	7' x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,764.04	155.38
		For 8' Height, Add	*821.39*	
		For 45 Minutes Fire Rated, Add	*499.98*	
		For 60 Minutes Fire Rated, Add	*857.10*	
		For 90 Minutes Fire Rated, Add	*1,214.23*	
		For 120 Minutes Fire Rated, Add	*1,714.21*	
08 34 73 13-0032	EA	7' x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,850.40	155.38
		For 8' Height, Add	*831.32*	
		For 45 Minutes Fire Rated, Add	*506.02*	
		For 60 Minutes Fire Rated, Add	*867.47*	
		For 90 Minutes Fire Rated, Add	*1,228.91*	
		For 120 Minutes Fire Rated, Add	*1,734.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 13-0033	EA	7' x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,938.73	155.38
		For 8' Height, Add	*841.48*	
		For 45 Minutes Fire Rated, Add	*512.21*	
		For 60 Minutes Fire Rated, Add	*878.07*	
		For 90 Minutes Fire Rated, Add	*1,243.93*	
		For 120 Minutes Fire Rated, Add	*1,756.14*	
08 34 73 13-0034	EA	3' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,539.96	115.09
		For 8' Height, Add	*354.15*	
		For 45 Minutes Fire Rated, Add	*215.57*	
		For 60 Minutes Fire Rated, Add	*369.55*	
		For 90 Minutes Fire Rated, Add	*523.53*	
		For 120 Minutes Fire Rated, Add	*739.10*	
08 34 73 13-0035	EA	3' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,627.19	115.09
		For 8' Height, Add	*364.18*	
		For 45 Minutes Fire Rated, Add	*221.68*	
		For 60 Minutes Fire Rated, Add	*380.02*	
		For 90 Minutes Fire Rated, Add	*538.36*	
		For 120 Minutes Fire Rated, Add	*760.03*	
08 34 73 13-0036	EA	3' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,714.43	115.09
		For 8' Height, Add	*374.22*	
		For 45 Minutes Fire Rated, Add	*227.78*	
		For 60 Minutes Fire Rated, Add	*390.49*	
		For 90 Minutes Fire Rated, Add	*553.19*	
		For 120 Minutes Fire Rated, Add	*780.97*	
08 34 73 13-0037	EA	3' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,801.66	115.09
		For 8' Height, Add	*384.25*	
		For 45 Minutes Fire Rated, Add	*233.89*	
		For 60 Minutes Fire Rated, Add	*400.95*	
		For 90 Minutes Fire Rated, Add	*568.02*	
		For 120 Minutes Fire Rated, Add	*801.91*	
08 34 73 13-0038	EA	3'-6" x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,040.41	126.61
		For 8' Height, Add	*406.41*	
		For 45 Minutes Fire Rated, Add	*247.38*	
		For 60 Minutes Fire Rated, Add	*424.08*	
		For 90 Minutes Fire Rated, Add	*600.78*	
		For 120 Minutes Fire Rated, Add	*848.16*	
08 34 73 13-0039	EA	3'-6" x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,137.79	126.61
		For 8' Height, Add	*417.61*	
		For 45 Minutes Fire Rated, Add	*254.20*	
		For 60 Minutes Fire Rated, Add	*435.77*	
		For 90 Minutes Fire Rated, Add	*617.34*	
		For 120 Minutes Fire Rated, Add	*871.53*	
08 34 73 13-0040	EA	3'-6" x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,225.02	126.61
		For 8' Height, Add	*427.64*	
		For 45 Minutes Fire Rated, Add	*260.30*	
		For 60 Minutes Fire Rated, Add	*446.23*	
		For 90 Minutes Fire Rated, Add	*632.17*	
		For 120 Minutes Fire Rated, Add	*892.47*	
08 34 73 13-0041	EA	3'-6" x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,333.22	126.61
		For 8' Height, Add	*440.08*	
		For 45 Minutes Fire Rated, Add	*267.88*	
		For 60 Minutes Fire Rated, Add	*459.22*	
		For 90 Minutes Fire Rated, Add	*650.56*	
		For 120 Minutes Fire Rated, Add	*918.44*	
08 34 73 13-0042	EA	4' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,540.19	132.35
		For 8' Height, Add	*461.24*	
		For 45 Minutes Fire Rated, Add	*280.75*	
		For 60 Minutes Fire Rated, Add	*481.29*	
		For 90 Minutes Fire Rated, Add	*681.83*	
		For 120 Minutes Fire Rated, Add	*962.58*	
08 34 73 13-0043	EA	4' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,627.42	132.35
		For 8' Height, Add	*471.27*	
		For 45 Minutes Fire Rated, Add	*286.86*	
		For 60 Minutes Fire Rated, Add	*491.76*	
		For 90 Minutes Fire Rated, Add	*696.66*	
		For 120 Minutes Fire Rated, Add	*983.52*	
08 34 73 13-0044	EA	4' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,714.65	132.35
		For 8' Height, Add	*481.30*	
		For 45 Minutes Fire Rated, Add	*292.97*	
		For 60 Minutes Fire Rated, Add	*502.23*	
		For 90 Minutes Fire Rated, Add	*711.49*	
		For 120 Minutes Fire Rated, Add	*1,004.45*	
08 34 73 13-0045	EA	4' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,812.03	132.35
		For 8' Height, Add	*492.50*	
		For 45 Minutes Fire Rated, Add	*299.78*	
		For 60 Minutes Fire Rated, Add	*513.91*	
		For 90 Minutes Fire Rated, Add	*728.04*	
		For 120 Minutes Fire Rated, Add	*1,027.82*	
08 34 73 13-0046	EA	6' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,897.77	149.62
		For 8' Height, Add	*839.42*	
		For 45 Minutes Fire Rated, Add	*510.95*	
		For 60 Minutes Fire Rated, Add	*875.91*	
		For 90 Minutes Fire Rated, Add	*1,240.88*	
		For 120 Minutes Fire Rated, Add	*1,751.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 13-0047	EA	6' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,980.95	149.62
		For 8' Height, Add	*848.98*	
		For 45 Minutes Fire Rated, Add	*516.77*	
		For 60 Minutes Fire Rated, Add	*885.90*	
		For 90 Minutes Fire Rated, Add	*1,255.02*	
		For 120 Minutes Fire Rated, Add	*1,771.79*	
08 34 73 13-0048	EA	6' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	8,070.21	149.62
		For 8' Height, Add	*859.25*	
		For 45 Minutes Fire Rated, Add	*523.02*	
		For 60 Minutes Fire Rated, Add	*896.61*	
		For 90 Minutes Fire Rated, Add	*1,270.19*	
		For 120 Minutes Fire Rated, Add	*1,793.22*	
08 34 73 13-0049	EA	6' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	8,161.50	149.62
		For 8' Height, Add	*869.75*	
		For 45 Minutes Fire Rated, Add	*529.41*	
		For 60 Minutes Fire Rated, Add	*907.56*	
		For 90 Minutes Fire Rated, Add	*1,285.71*	
		For 120 Minutes Fire Rated, Add	*1,815.12*	
08 34 73 13-0050	EA	7' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	8,468.24	155.38
		For 8' Height, Add	*902.38*	
		For 45 Minutes Fire Rated, Add	*549.27*	
		For 60 Minutes Fire Rated, Add	*941.61*	
		For 90 Minutes Fire Rated, Add	*1,333.95*	
		For 120 Minutes Fire Rated, Add	*1,883.22*	
08 34 73 13-0051	EA	7' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	8,557.65	155.38
		For 8' Height, Add	*912.66*	
		For 45 Minutes Fire Rated, Add	*555.53*	
		For 60 Minutes Fire Rated, Add	*952.34*	
		For 90 Minutes Fire Rated, Add	*1,349.15*	
		For 120 Minutes Fire Rated, Add	*1,904.68*	
08 34 73 13-0052	EA	7' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	8,653.61	155.38
		For 8' Height, Add	*923.69*	
		For 45 Minutes Fire Rated, Add	*562.25*	
		For 60 Minutes Fire Rated, Add	*963.85*	
		For 90 Minutes Fire Rated, Add	*1,365.46*	
		For 120 Minutes Fire Rated, Add	*1,927.71*	
08 34 73 13-0053	EA	7' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	8,751.75	155.38
		For 8' Height, Add	*934.98*	
		For 45 Minutes Fire Rated, Add	*569.12*	
		For 60 Minutes Fire Rated, Add	*975.63*	
		For 90 Minutes Fire Rated, Add	*1,382.14*	
		For 120 Minutes Fire Rated, Add	*1,951.26*	

08 34 73 16 Wood Sound Control Door Assemblies *(08 34 73)*

08 34 73 16-0001 Composite With Wood Veneer Cladding *(08 34 73 16)*

Note: Includes the door, frame, hinges, caulking and seals.

08 34 73 16-0002	EA	3' x 7' x 1-3/4" Thick, STC 27, Wood Acoustical Door System, Unrated Note: Includes the prefinished door, frame, hinges and seals.	2,655.44	322.26
		For 8' Height, Add	*164.90*	
		For 2-1/4" Thick, Add	*156.85*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0003	EA	3' x 7' x 1-3/4" Thick, STC 29, Wood Acoustical Door System, Unrated Note: Includes the prefinished door, frame, hinges and seals.	2,863.46	322.26
		For 8' Height, Add	*181.95*	
		For 2-1/4" Thick, Add	*173.08*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0004	EA	3' x 7' x 1-3/4" Thick, STC 30, Wood Acoustical Door System, Unrated Note: Includes the prefinished door, frame, hinges and seals.	2,979.03	322.26
		For 8' Height, Add	*191.43*	
		For 2-1/4" Thick, Add	*182.09*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0005	EA	3' x 7' x 1-3/4" Thick, STC 31-32, Wood Acoustical Door System, Unrated Note: Includes the prefinished door, frame, hinges and seals.	3,094.60	322.26
		For 8' Height, Add	*200.91*	
		For 2-1/4" Thick, Add	*191.11*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 16-0006	EA	3' x 7' x 1-3/4" Thick, STC 35-36, Wood Acoustical Door System, Unrated	3,603.11	322.26
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*242.60*	
		For 2-1/4" Thick, Add	*230.77*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0007	EA	3' x 7' x 1-3/4" Thick, STC 40-41, Wood Acoustical Door System, Unrated	4,712.58	322.26
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*333.58*	
		For 2-1/4" Thick, Add	*317.31*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0008	EA	3' x 7' x 1-3/4" Thick, STC 42-43, Wood Acoustical Door System, Unrated	4,927.54	322.26
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*351.21*	
		For 2-1/4" Thick, Add	*334.08*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0009	EA	3' x 7' x 1-3/4" Thick, STC 44-45, Wood Acoustical Door System, Unrated	5,475.28	322.26
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*396.12*	
		For 2-1/4" Thick, Add	*376.80*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0010	EA	3' x 7' x 1-3/4" Thick, STC 46, Wood Acoustical Door System, Unrated	5,787.38	322.26
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*421.71*	
		For 2-1/4" Thick, Add	*401.14*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0011	EA	3' x 7' x 1-3/4" Thick, STC 47-48, Wood Acoustical Door System, Unrated	6,108.09	322.26
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*448.01*	
		For 2-1/4" Thick, Add	*426.16*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0012	EA	3' x 7' x 1-3/4" Thick, STC 49-50, Wood Acoustical Door System, Unrated	6,428.80	322.26
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*474.31*	
		For 2-1/4" Thick, Add	*451.17*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0013	EA	3' x 7' x 1-3/4" Thick, STC 51-52, Wood Acoustical Door System, Unrated	7,502.88	322.26
		For 8' Height, Add	*562.39*	
		For 2-1/4" Thick, Add	*534.95*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0014	EA	3' x 7' x 1-3/4" Thick, STC 54-55, Wood Acoustical Door System, Unrated	7,975.06	322.26
		For 8' Height, Add	*601.10*	
		For 2-1/4" Thick, Add	*571.78*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0015	EA	3' x 7' x 1-3/4" Thick, STC 56, Wood Acoustical Door System, Unrated	8,325.88	322.26
		For 8' Height, Add	*629.87*	
		For 2-1/4" Thick, Add	*599.15*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0016	EA	3'-6" x 7' x 1-3/4" Thick, STC 27, Wood Acoustical Door System, Unrated	2,829.28	333.77
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*177.26*	
		For 2-1/4" Thick, Add	*168.62*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 16-0017	EA	3'-6" x 7' x 1-3/4" Thick, STC 29, Wood Acoustical Door System, Unrated	3,052.90	333.77
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*195.60*	
		For 2-1/4" Thick, Add	*186.06*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0018	EA	3'-6" x 7' x 1-3/4" Thick, STC 30, Wood Acoustical Door System, Unrated	3,177.14	333.77
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*205.79*	
		For 2-1/4" Thick, Add	*195.75*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0019	EA	3'-6" x 7' x 1-3/4" Thick, STC 31-32, Wood Acoustical Door System, Unrated	3,301.38	333.77
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*215.97*	
		For 2-1/4" Thick, Add	*205.44*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0020	EA	3'-6" x 7' x 1-3/4" Thick, STC 35-36, Wood Acoustical Door System, Unrated	3,848.03	333.77
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*260.80*	
		For 2-1/4" Thick, Add	*248.08*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0021	EA	3'-6" x 7' x 1-3/4" Thick, STC 40-41, Wood Acoustical Door System, Unrated	5,040.71	333.77
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*358.60*	
		For 2-1/4" Thick, Add	*341.11*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0022	EA	3'-6" x 7' x 1-3/4" Thick, STC 42-43, Wood Acoustical Door System, Unrated	5,271.79	333.77
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*377.55*	
		For 2-1/4" Thick, Add	*359.13*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0023	EA	3'-6" x 7' x 1-3/4" Thick, STC 44-45, Wood Acoustical Door System, Unrated	5,860.61	333.77
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*425.83*	
		For 2-1/4" Thick, Add	*405.06*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0024	EA	3'-6" x 7' x 1-3/4" Thick, STC 46, Wood Acoustical Door System, Unrated	6,196.12	333.77
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*453.34*	
		For 2-1/4" Thick, Add	*431.23*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0025	EA	3'-6" x 7' x 1-3/4" Thick, STC 47-48, Wood Acoustical Door System, Unrated	6,540.88	333.77
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*481.61*	
		For 2-1/4" Thick, Add	*458.12*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0026	EA	3'-6" x 7' x 1-3/4" Thick, STC 49-50, Wood Acoustical Door System, Unrated	6,885.64	333.77
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*509.88*	
		For 2-1/4" Thick, Add	*485.01*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 16-0027	EA	3'-6" x 7' x 1-3/4" Thick, STC 51-52, Wood Acoustical Door System, Unrated	8,040.28	333.77
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*604.56*	
		For 2-1/4" Thick, Add	*575.07*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0028	EA	3'-6" x 7' x 1-3/4" Thick, STC 54-55, Wood Acoustical Door System, Unrated	8,547.87	333.77
		For 8' Height, Add	*646.19*	
		For 2-1/4" Thick, Add	*614.67*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0029	EA	3'-6" x 7' x 1-3/4" Thick, STC 56, Wood Acoustical Door System, Unrated	8,925.00	333.77
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*677.11*	
		For 2-1/4" Thick, Add	*644.08*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0030	EA	4' x 7' x 1-3/4" Thick, STC 27, Wood Acoustical Door System, Unrated	3,204.20	345.28
		For 8' Height, Add	*206.12*	
		For 2-1/4" Thick, Add	*196.06*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0031	EA	4' x 7' x 1-3/4" Thick, STC 29, Wood Acoustical Door System, Unrated	3,464.23	345.28
		For 8' Height, Add	*227.44*	
		For 2-1/4" Thick, Add	*216.35*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0032	EA	4' x 7' x 1-3/4" Thick, STC 30, Wood Acoustical Door System, Unrated	3,608.69	345.28
		For 8' Height, Add	*239.29*	
		For 2-1/4" Thick, Add	*227.61*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0033	EA	4' x 7' x 1-3/4" Thick, STC 31-32, Wood Acoustical Door System, Unrated	3,753.15	345.28
		For 8' Height, Add	*251.13*	
		For 2-1/4" Thick, Add	*238.88*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0034	EA	4' x 7' x 1-3/4" Thick, STC 35-36, Wood Acoustical Door System, Unrated	4,388.79	345.28
		For 8' Height, Add	*303.26*	
		For 2-1/4" Thick, Add	*288.46*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0035	EA	4' x 7' x 1-3/4" Thick, STC 40-41, Wood Acoustical Door System, Unrated	5,775.63	345.28
		For 8' Height, Add	*416.98*	
		For 2-1/4" Thick, Add	*396.64*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0036	EA	4' x 7' x 1-3/4" Thick, STC 42-43, Wood Acoustical Door System, Unrated	6,044.33	345.28
		For 8' Height, Add	*439.01*	
		For 2-1/4" Thick, Add	*417.59*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0037	EA	4' x 7' x 1-3/4" Thick, STC 44-45, Wood Acoustical Door System, Unrated	6,729.00	345.28
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*495.15*	
		For 2-1/4" Thick, Add	*471.00*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0038	EA	4' x 7' x 1-3/4" Thick, STC 46, Wood Acoustical Door System, Unrated	7,119.13	345.28
		For 8' Height, Add	*527.14*	
		For 2-1/4" Thick, Add	*501.43*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 16-0039	EA	4' x 7' x 1-3/4" Thick, STC 47-48, Wood Acoustical Door System, Unrated Note: Includes the prefinished door, frame, hinges and seals.	7,520.01	345.28
		For 8' Height, Add	*560.02*	
		For 2-1/4" Thick, Add	*532.70*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0040	EA	4' x 7' x 1-3/4" Thick, STC 49-50, Wood Acoustical Door System, Unrated	7,920.90	345.28
		For 8' Height, Add	*592.89*	
		For 2-1/4" Thick, Add	*563.97*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0041	EA	4' x 7' x 1-3/4" Thick, STC 51-52, Wood Acoustical Door System, Unrated	9,263.51	345.28
		For 8' Height, Add	*702.98*	
		For 2-1/4" Thick, Add	*668.69*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0042	EA	4' x 7' x 1-3/4" Thick, STC 54-55, Wood Acoustical Door System, Unrated	9,853.73	345.28
		For 8' Height, Add	*751.38*	
		For 2-1/4" Thick, Add	*714.73*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0043	EA	4' x 7' x 1-3/4" Thick, STC 56, Wood Acoustical Door System, Unrated	10,292.25	345.28
		For 8' Height, Add	*787.34*	
		For 2-1/4" Thick, Add	*748.93*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	

08 35 Folding Doors *(08 30)*

08 35 13 Folding Doors *(08 35)*

08 35 13 13 Accordion Folding Doors *(08 35 13)*

08 35 13 13-0001 Accordion Folding Doors *(08 35 13 13)*
Note: Includes track, fittings and hardware, complete.

08 35 13 13-0002	SF	Fire-Resistant, Vinyl Fabric Installed On Welded Steel Frames, Accordion Folding Door	100.15	11.51
		For Fire Retardant, Add	*22.45*	
08 35 13 13-0003	SF	1/32" Thick, Single Ply Vinyl, Accordion Folding Door	19.51	11.51
		For Fire Retardant, Add	*2.29*	
08 35 13 13-0004	SF	0.04" Thick, Fire-Resistant, Rigid Vinyl Panels, Accordion Folding Door	44.77	11.51
		For Fire Retardant, Add	*8.60*	
08 35 13 13-0005	SF	3/8" Thick, Fire-Resistant, Wood Veneer, Vinyl Or High Pressure Laminate, High-Density Engineered Wood Core Panel, Accordion Folding Door	63.81	11.51
		For Fire Retardant, Add	*13.36*	

08 36 Panel Doors *(08 30)*

08 36 13 Sectional Doors *(08 36)*

Note: Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-0943 for forklift.

08 36 13 00-0001 Sectional Wood Overhead Doors (Width x Height) *(08 36 13)*

08 36 13 00-0002 Wood Sectional Overhead Doors *(08 36 13 00-0001)*
Note: Includes 1-3/4" door, tracks and hardware. Excludes frame.

08 36 13 00-0003	EA	8' x 8', Wood Sectional Door, Manual Lift	2,860.14	460.38
08 36 13 00-0004	EA	10' x 10', Wood Sectional Door, Manual Lift	3,545.06	511.01
08 36 13 00-0005	EA	12' x 12', Wood Sectional Door, Manual Lift	4,515.72	612.29
08 36 13 00-0006	EA	14' x 14', Wood Sectional Door, Manual Lift	6,475.06	708.97
08 36 13 00-0007	EA	12' x 16', Wood Sectional Door, Manual Lift	6,989.39	920.74
08 36 13 00-0008	EA	20' x 8', Wood Sectional Door, Manual Lift	6,709.20	1,150.93
08 36 13 00-0009	EA	20' x 16', Wood Sectional Door, Manual Lift	12,140.28	1,534.19

08 36 13 00-0010 Residential Grade, Wood Sectional Overhead Doors *(08 36 13 00-0001)*
Note: Includes 1-3/4" door, tracks and hardware. Excludes frame.

08 36 13 00-0011	EA	9' x 7', Residential Grade, Wood Sectional Door, Manual Lift	1,475.04	230.19
		For Hardboard Face, Add	*115.00*	
		For Insulation, Add	*117.00*	
		For Motor Operator With Remote Controls, Add	*460.28*	
		For Each Glass Vision Panel In Door, Add	*50.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0012	EA	16' x 7', Residential Grade, Wood Sectional Door, Manual Lift	2,307.31	230.19
		For Hardboard Face, Add	*115.00*	
		For Insulation, Add	*117.00*	
		For Motor Operator With Remote Controls, Add	*494.50*	
		For Each Glass Vision Panel In Door, Add	*50.00*	

08 36 13 00-0013 Sectional Metal Overhead Doors (Width x Height) *(08 36 13)*

Note: Includes tracks and all hardware.

08 36 13 00-0014 Galvanized Steel Sectional Overhead Doors *(08 36 13 00-0013)*

08 36 13 00-0015 Non-Insulated, 24 Gauge Galvanized Steel Sectional Doors *(08 36 13 00-0014)*

Note: Includes 2" door, tracks and hardware. Excludes frame.

08 36 13 00-0016	EA	8' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,077.67	402.82
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*184.44*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*318.01*	
		For Aluminum, Mill Finish, Add	*145.01*	
		For Aluminum, Anodized Finish, Add	*405.77*	
08 36 13 00-0017	EA	8' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,456.36	460.38
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*222.66*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*383.91*	
		For Aluminum, Mill Finish, Add	*175.06*	
		For Aluminum, Anodized Finish, Add	*489.86*	
08 36 13 00-0018	EA	8' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,028.44	575.46
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*272.24*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*469.38*	
		For Aluminum, Mill Finish, Add	*214.04*	
		For Aluminum, Anodized Finish, Add	*598.93*	
08 36 13 00-0019	EA	10' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,338.96	460.38
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*205.64*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*354.56*	
		For Aluminum, Mill Finish, Add	*161.68*	
		For Aluminum, Anodized Finish, Add	*452.41*	
08 36 13 00-0020	EA	10' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,878.09	575.46
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*250.44*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*431.79*	
		For Aluminum, Mill Finish, Add	*196.90*	
		For Aluminum, Anodized Finish, Add	*550.96*	
08 36 13 00-0021	EA	10' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,608.51	748.10
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*306.28*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*528.08*	
		For Aluminum, Mill Finish, Add	*240.80*	
		For Aluminum, Anodized Finish, Add	*673.83*	
08 36 13 00-0022	EA	10' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,246.27	920.74
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*348.69*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*601.20*	
		For Aluminum, Mill Finish, Add	*274.15*	
		For Aluminum, Anodized Finish, Add	*767.13*	
08 36 13 00-0023	EA	12' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,779.26	575.46
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*236.11*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*407.08*	
		For Aluminum, Mill Finish, Add	*185.63*	
		For Aluminum, Anodized Finish, Add	*519.44*	
08 36 13 00-0024	EA	12' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,460.23	748.10
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*284.78*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*491.01*	
		For Aluminum, Mill Finish, Add	*223.90*	
		For Aluminum, Anodized Finish, Add	*626.53*	
08 36 13 00-0025	EA	12' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,219.47	920.74
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*344.81*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*594.50*	
		For Aluminum, Mill Finish, Add	*271.09*	
		For Aluminum, Anodized Finish, Add	*758.58*	
08 36 13 00-0026	EA	12' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,974.62	1,093.38
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*404.24*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*696.97*	
		For Aluminum, Mill Finish, Add	*317.82*	
		For Aluminum, Anodized Finish, Add	*889.33*	
08 36 13 00-0027	EA	12' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,927.23	1,323.56
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*475.62*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*820.03*	
		For Aluminum, Mill Finish, Add	*373.93*	
		For Aluminum, Anodized Finish, Add	*1,046.36*	
08 36 13 00-0028	EA	14' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,264.58	748.10
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*256.42*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*442.10*	
		For Aluminum, Mill Finish, Add	*201.60*	
		For Aluminum, Anodized Finish, Add	*564.11*	
08 36 13 00-0029	EA	14' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,015.58	920.74
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*315.24*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*543.53*	
		For Aluminum, Mill Finish, Add	*247.85*	
		For Aluminum, Anodized Finish, Add	*693.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0030	EA	14' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,947.60	1,150.93
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*383.63*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*661.44*	
		For Aluminum, Mill Finish, Add	*301.61*	
		For Aluminum, Anodized Finish, Add	*843.99*	
08 36 13 00-0031	EA	14' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,706.85	1,323.56
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*443.66*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*764.93*	
		For Aluminum, Mill Finish, Add	*348.81*	
		For Aluminum, Anodized Finish, Add	*976.05*	
08 36 13 00-0032	EA	14' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,575.26	1,496.20
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*519.51*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*895.72*	
		For Aluminum, Mill Finish, Add	*408.45*	
		For Aluminum, Anodized Finish, Add	*1,142.93*	
08 36 13 00-0033	EA	16' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,943.48	920.74
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*304.79*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*525.50*	
		For Aluminum, Mill Finish, Add	*239.63*	
		For Aluminum, Anodized Finish, Add	*670.54*	
08 36 13 00-0034	EA	16' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,871.39	1,150.93
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*372.58*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*642.38*	
		For Aluminum, Mill Finish, Add	*292.93*	
		For Aluminum, Anodized Finish, Add	*819.68*	
08 36 13 00-0035	EA	16' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,745.96	1,323.56
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*449.33*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*774.71*	
		For Aluminum, Mill Finish, Add	*353.27*	
		For Aluminum, Anodized Finish, Add	*988.53*	
08 36 13 00-0036	EA	16' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,884.19	1,496.20
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*564.31*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*972.95*	
		For Aluminum, Mill Finish, Add	*443.66*	
		For Aluminum, Anodized Finish, Add	*1,241.48*	
08 36 13 00-0037	EA	16' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,026.30	1,726.39
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*663.16*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,143.38*	
		For Aluminum, Mill Finish, Add	*521.38*	
		For Aluminum, Anodized Finish, Add	*1,458.95*	
08 36 13 00-0038	EA	18' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,030.00	1,150.93
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*395.58*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*682.04*	
		For Aluminum, Mill Finish, Add	*311.01*	
		For Aluminum, Anodized Finish, Add	*870.28*	
08 36 13 00-0039	EA	18' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,030.21	1,323.56
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*490.55*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*845.77*	
		For Aluminum, Mill Finish, Add	*385.67*	
		For Aluminum, Anodized Finish, Add	*1,079.21*	
08 36 13 00-0040	EA	18' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,337.30	1,496.20
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*630.01*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,086.23*	
		For Aluminum, Mill Finish, Add	*495.32*	
		For Aluminum, Anodized Finish, Add	*1,386.02*	
08 36 13 00-0041	EA	18' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,481.48	1,726.39
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*729.16*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,257.17*	
		For Aluminum, Mill Finish, Add	*573.27*	
		For Aluminum, Anodized Finish, Add	*1,604.15*	
08 36 13 00-0042	EA	18' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	9,753.34	1,956.57
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*846.82*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,460.04*	
		For Aluminum, Mill Finish, Add	*665.78*	
		For Aluminum, Anodized Finish, Add	*1,863.01*	
08 36 13 00-0043	EA	20' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,706.85	1,323.56
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*443.66*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*764.93*	
		For Aluminum, Mill Finish, Add	*348.81*	
		For Aluminum, Anodized Finish, Add	*976.05*	
08 36 13 00-0044	EA	20' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,707.08	1,496.20
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*538.63*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*928.67*	
		For Aluminum, Mill Finish, Add	*423.47*	
		For Aluminum, Anodized Finish, Add	*1,184.98*	
08 36 13 00-0045	EA	20' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,322.90	1,726.39
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*706.16*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,217.53*	
		For Aluminum, Mill Finish, Add	*555.19*	
		For Aluminum, Anodized Finish, Add	*1,553.56*	
08 36 13 00-0046	EA	20' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	9,467.05	1,956.57
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*805.31*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,388.47*	
		For Aluminum, Mill Finish, Add	*633.14*	
		For Aluminum, Anodized Finish, Add	*1,771.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0047	EA	20' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	11,776.95	2,186.76
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,073.49*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,850.85*	
		For Aluminum, Mill Finish, Add	*843.99*	
		For Aluminum, Anodized Finish, Add	*2,361.68*	
08 36 13 00-0048	EA	22' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,344.57	1,496.20
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*486.06*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*838.04*	
		For Aluminum, Mill Finish, Add	*382.15*	
		For Aluminum, Anodized Finish, Add	*1,069.34*	
08 36 13 00-0049	EA	22' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,880.10	1,726.39
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*641.96*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,106.83*	
		For Aluminum, Mill Finish, Add	*504.71*	
		For Aluminum, Anodized Finish, Add	*1,412.31*	
08 36 13 00-0050	EA	22' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	9,374.37	1,956.57
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*791.87*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,365.30*	
		For Aluminum, Mill Finish, Add	*622.58*	
		For Aluminum, Anodized Finish, Add	*1,742.12*	
08 36 13 00-0051	EA	22' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	11,111.70	2,186.76
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*977.03*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,684.54*	
		For Aluminum, Mill Finish, Add	*768.15*	
		For Aluminum, Anodized Finish, Add	*2,149.47*	
08 36 13 00-0052	EA	22' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	12,550.31	2,416.95
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,118.88*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,929.11*	
		For Aluminum, Mill Finish, Add	*879.67*	
		For Aluminum, Anodized Finish, Add	*2,461.54*	
08 36 13 00-0053	EA	24' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,004.78	1,726.39
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*515.04*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*888.00*	
		For Aluminum, Mill Finish, Add	*404.93*	
		For Aluminum, Anodized Finish, Add	*1,133.08*	
08 36 13 00-0054	EA	24' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,604.07	1,956.57
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*680.18*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,172.73*	
		For Aluminum, Mill Finish, Add	*534.76*	
		For Aluminum, Anodized Finish, Add	*1,496.40*	
08 36 13 00-0055	EA	24' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	10,559.73	2,186.76
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*896.99*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,546.54*	
		For Aluminum, Mill Finish, Add	*705.22*	
		For Aluminum, Anodized Finish, Add	*1,973.39*	
08 36 13 00-0056	EA	24' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	11,817.11	2,416.95
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,012.57*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,745.81*	
		For Aluminum, Mill Finish, Add	*796.09*	
		For Aluminum, Anodized Finish, Add	*2,227.65*	
08 36 13 00-0057	EA	24' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	13,292.86	2,647.13
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,159.80*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,999.65*	
		For Aluminum, Mill Finish, Add	*911.84*	
		For Aluminum, Anodized Finish, Add	*2,551.56*	

08 36 13 00-0058 Insulated, 24 Gauge Galvanized Steel Sectional Doors *(08 36 13 00-0014)*

Note: Includes 2" door with polystyrene insulation, 26 gauge interior cover, tracks and hardware. Excludes frame.

08 36 13 00-0059	EA	8' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,683.76	402.82
		For Aluminum, Mill Finish, Add	*214.10*	
		For Aluminum, Anodized Finish, Add	*599.12*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*234.76*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*469.53*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,220.77*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,347.64*	
08 36 13 00-0060	EA	8' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,208.66	460.38
		For Aluminum, Mill Finish, Add	*260.82*	
		For Aluminum, Anodized Finish, Add	*729.85*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*285.99*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*571.98*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,487.15*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,859.90*	
08 36 13 00-0061	EA	8' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,936.02	575.46
		For Aluminum, Mill Finish, Add	*317.50*	
		For Aluminum, Anodized Finish, Add	*888.44*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*348.14*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*696.27*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,810.31*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,481.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0062	EA	10' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,125.12	460.38
		For Aluminum, Mill Finish, Add	*251.30*	
		For Aluminum, Anodized Finish, Add	*703.20*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*275.55*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*551.10*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,432.85*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,755.48*	
08 36 13 00-0063	EA	10' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,833.10	575.46
		For Aluminum, Mill Finish, Add	*305.77*	
		For Aluminum, Anodized Finish, Add	*855.61*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*335.27*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*670.54*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,743.41*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,352.71*	
08 36 13 00-0064	EA	10' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,863.93	748.10
		For Aluminum, Mill Finish, Add	*383.92*	
		For Aluminum, Anodized Finish, Add	*1,074.31*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*420.97*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*841.93*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,189.02*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*4,209.66*	
08 36 13 00-0065	EA	10' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,617.08	920.74
		For Aluminum, Mill Finish, Add	*430.42*	
		For Aluminum, Anodized Finish, Add	*1,204.42*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*471.95*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*943.90*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,454.14*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*4,719.50*	
08 36 13 00-0066	EA	12' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,675.79	575.46
		For Aluminum, Mill Finish, Add	*287.83*	
		For Aluminum, Anodized Finish, Add	*805.43*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*315.61*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*631.22*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,641.16*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,156.08*	
08 36 13 00-0067	EA	12' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,566.80	748.10
		For Aluminum, Mill Finish, Add	*350.05*	
		For Aluminum, Anodized Finish, Add	*979.52*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*383.83*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*767.65*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,995.89*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,838.25*	
08 36 13 00-0068	EA	12' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,564.65	920.74
		For Aluminum, Mill Finish, Add	*424.44*	
		For Aluminum, Anodized Finish, Add	*1,187.69*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*465.40*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*930.79*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,420.06*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*4,653.96*	
08 36 13 00-0069	EA	12' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,498.40	1,093.38
		For Aluminum, Mill Finish, Add	*491.53*	
		For Aluminum, Anodized Finish, Add	*1,375.41*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*538.96*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,077.91*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,802.57*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*5,389.55*	
08 36 13 00-0070	EA	12' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,890.99	1,323.56
		For Aluminum, Mill Finish, Add	*597.80*	
		For Aluminum, Anodized Finish, Add	*1,672.79*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*655.48*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,310.97*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,408.52*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*6,554.84*	
08 36 13 00-0071	EA	14' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,335.69	748.10
		For Aluminum, Mill Finish, Add	*323.70*	
		For Aluminum, Anodized Finish, Add	*905.80*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*354.94*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*709.87*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,845.67*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,549.36*	
08 36 13 00-0072	EA	14' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,380.14	920.74
		For Aluminum, Mill Finish, Add	*403.41*	
		For Aluminum, Anodized Finish, Add	*1,128.83*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*442.33*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*884.67*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,300.13*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*4,423.33*	
08 36 13 00-0073	EA	14' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,529.99	1,150.93
		For Aluminum, Mill Finish, Add	*482.01*	
		For Aluminum, Anodized Finish, Add	*1,348.77*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*528.52*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,057.03*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,748.28*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*5,285.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0074	EA	14' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,712.30	1,323.56
		For Aluminum, Mill Finish, Add	*577.43*	
		For Aluminum, Anodized Finish, Add	*1,615.79*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*633.15*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,266.30*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,292.37*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*6,331.48*	
08 36 13 00-0075	EA	14' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,863.58	1,496.20
		For Aluminum, Mill Finish, Add	*669.31*	
		For Aluminum, Anodized Finish, Add	*1,872.91*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*733.90*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,467.80*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,816.27*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*7,338.98*	
08 36 13 00-0076	EA	16' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,180.10	920.74
		For Aluminum, Mill Finish, Add	*380.60*	
		For Aluminum, Anodized Finish, Add	*1,065.02*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*417.33*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*834.66*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,170.10*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*4,173.28*	
08 36 13 00-0077	EA	16' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,685.36	1,150.93
		For Aluminum, Mill Finish, Add	*499.72*	
		For Aluminum, Anodized Finish, Add	*1,398.34*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*547.94*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,095.88*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,849.28*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*5,479.38*	
08 36 13 00-0078	EA	16' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,817.19	1,323.56
		For Aluminum, Mill Finish, Add	*589.39*	
		For Aluminum, Anodized Finish, Add	*1,649.25*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*646.26*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,292.52*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,360.55*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*6,462.59*	
08 36 13 00-0079	EA	16' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,956.79	1,496.20
		For Aluminum, Mill Finish, Add	*679.94*	
		For Aluminum, Anodized Finish, Add	*1,902.64*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*745.55*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,491.10*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,876.85*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*7,455.49*	
08 36 13 00-0080	EA	16' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	10,613.56	1,726.39
		For Aluminum, Mill Finish, Add	*816.33*	
		For Aluminum, Anodized Finish, Add	*2,284.28*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*895.10*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,790.19*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*4,654.49*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*8,950.95*	
08 36 13 00-0081	EA	18' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,931.79	1,150.93
		For Aluminum, Mill Finish, Add	*413.81*	
		For Aluminum, Anodized Finish, Add	*1,157.95*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*453.74*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*907.48*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,359.45*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*4,537.41*	
08 36 13 00-0082	EA	18' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,403.50	1,323.56
		For Aluminum, Mill Finish, Add	*542.23*	
		For Aluminum, Anodized Finish, Add	*1,517.29*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*594.55*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,189.10*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,091.65*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*5,945.48*	
08 36 13 00-0083	EA	18' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,614.97	1,496.20
		For Aluminum, Mill Finish, Add	*640.97*	
		For Aluminum, Anodized Finish, Add	*1,793.60*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*702.82*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,405.64*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,654.67*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*7,028.21*	
08 36 13 00-0084	EA	18' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	10,811.66	1,726.39
		For Aluminum, Mill Finish, Add	*838.91*	
		For Aluminum, Anodized Finish, Add	*2,347.48*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*919.86*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,839.72*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*4,783.26*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*9,198.58*	
08 36 13 00-0085	EA	18' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	11,813.89	1,956.57
		For Aluminum, Mill Finish, Add	*900.68*	
		For Aluminum, Anodized Finish, Add	*2,520.33*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*987.59*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,975.18*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*5,135.47*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*9,875.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0086	EA	20' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,366.59	1,323.56
		For Aluminum, Mill Finish, Add	*538.02*	
		For Aluminum, Anodized Finish, Add	*1,505.51*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*589.93*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,179.87*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,067.66*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*5,899.34*	
08 36 13 00-0087	EA	20' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,700.45	1,496.20
		For Aluminum, Mill Finish, Add	*650.72*	
		For Aluminum, Anodized Finish, Add	*1,820.87*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*713.51*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,427.01*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,710.23*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*7,135.06*	
08 36 13 00-0088	EA	20' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	11,209.79	1,726.39
		For Aluminum, Mill Finish, Add	*884.30*	
		For Aluminum, Anodized Finish, Add	*2,474.48*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*969.62*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,939.25*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*5,042.04*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*9,696.24*	
08 36 13 00-0089	EA	20' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	12,169.30	1,956.57
		For Aluminum, Mill Finish, Add	*941.20*	
		For Aluminum, Anodized Finish, Add	*2,633.71*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,032.02*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,064.03*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*5,366.48*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*10,320.16*	
08 36 13 00-0090	EA	20' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	14,177.59	2,186.76
		For Aluminum, Mill Finish, Add	*1,117.66*	
		For Aluminum, Anodized Finish, Add	*3,127.49*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,225.50*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,451.01*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*6,372.62*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*12,255.04*	
08 36 13 00-0091	EA	22' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,061.46	1,496.20
		For Aluminum, Mill Finish, Add	*577.87*	
		For Aluminum, Anodized Finish, Add	*1,617.03*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*633.63*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,267.27*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,294.89*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*6,336.33*	
08 36 13 00-0092	EA	22' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	10,025.10	1,726.39
		For Aluminum, Mill Finish, Add	*749.24*	
		For Aluminum, Anodized Finish, Add	*2,096.56*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*821.54*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,643.08*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*4,272.00*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*8,215.38*	
08 36 13 00-0093	EA	22' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	11,955.68	1,956.57
		For Aluminum, Mill Finish, Add	*916.85*	
		For Aluminum, Anodized Finish, Add	*2,565.56*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,005.31*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,010.63*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*5,227.63*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*10,053.14*	
08 36 13 00-0094	EA	22' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	13,441.51	2,186.76
		For Aluminum, Mill Finish, Add	*1,033.75*	
		For Aluminum, Anodized Finish, Add	*2,892.68*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,133.49*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,266.99*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*5,894.17*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*11,334.94*	
08 36 13 00-0095	EA	22' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	15,372.03	2,416.95
		For Aluminum, Mill Finish, Add	*1,201.35*	
		For Aluminum, Anodized Finish, Add	*3,361.67*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,317.27*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,634.54*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*6,849.80*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*13,172.70*	
08 36 13 00-0096	EA	24' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,951.07	1,726.39
		For Aluminum, Mill Finish, Add	*626.80*	
		For Aluminum, Anodized Finish, Add	*1,753.95*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*687.28*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,374.57*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,573.88*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*6,872.84*	
08 36 13 00-0097	EA	24' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	11,130.27	1,956.57
		For Aluminum, Mill Finish, Add	*822.75*	
		For Aluminum, Anodized Finish, Add	*2,302.25*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*902.14*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,804.28*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*4,691.12*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*9,021.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0098	EA	24' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	12,950.17	2,186.76
		For Aluminum, Mill Finish, Add	*977.73*	
		For Aluminum, Anodized Finish, Add	*2,735.94*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,072.08*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,144.15*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*5,574.80*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*10,720.76*	
08 36 13 00-0099	EA	24' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	14,884.57	2,416.95
		For Aluminum, Mill Finish, Add	*1,145.78*	
		For Aluminum, Anodized Finish, Add	*3,206.17*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,256.34*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,512.68*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*6,532.96*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*12,563.38*	
08 36 13 00-0100	EA	24' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	16,786.02	2,647.13
		For Aluminum, Mill Finish, Add	*1,310.06*	
		For Aluminum, Anodized Finish, Add	*3,665.87*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,436.47*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,872.94*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*7,469.65*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*14,364.71*	
08 36 13 00-0101		**Residential Grade, Galvanized Steel Sectional Overhead Doors** *(08 36 13 00-0013)*		
		Note: Includes track and hardware. Excludes frame.		
08 36 13 00-0102	EA	9' x 7', Non-Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	1,472.90	230.19
		For Aluminum And Fiberglass, Add	*278.21*	
		For Each Glass Vision Panel In Door, Add	*27.00*	
		For Insulated Door, Add	*475.64*	
08 36 13 00-0103	EA	9' x 8', Non-Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	1,633.95	230.19
		For Aluminum And Fiberglass, Add	*328.13*	
		For Each Glass Vision Panel In Door, Add	*27.00*	
		For Insulated Door, Add	*561.00*	
08 36 13 00-0104	EA	16' x 7', Non-Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	2,141.06	263.33
		For Aluminum And Fiberglass, Add	*460.08*	
		For Each Glass Vision Panel In Door, Add	*27.00*	
		For Insulated Door, Add	*786.59*	
08 36 13 00-0105	EA	16' x 8', Non-Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	2,394.13	263.33
		For Aluminum And Fiberglass, Add	*538.54*	
		For Each Glass Vision Panel In Door, Add	*27.00*	
		For Insulated Door, Add	*920.72*	
08 36 13 00-0106		**Removal And Reinstallation Of Sectional Metal Overhead Doors And Supports** *(08 36 13 00-0013)*		
		Note: Includes storage, cleaning and supply materials.		
08 36 13 00-0107	SF	Removal And Reinstallation Of Sectional Metal Overhead Door And Supports	16.40	
08 36 13 00-0108		**Sectional Fiberglass Overhead Doors (Width x Height)** *(08 36 13)*		
08 36 13 00-0109		**Fiberglass Sectional Overhead Doors** *(08 36 13 00-0108)*		
08 36 13 00-0110		**Non-Insulated, Fiberglass Sectional Doors** *(08 36 13 00-0109)*		
		Note: Includes 2" door, tracks and hardware. Excludes frame.		
08 36 13 00-0111	EA	8' x 8', Non-Insulated, Fiberglass Sectional Door, Manual Lift	2,079.27	402.82
08 36 13 00-0112	EA	8' x 10', Non-Insulated, Fiberglass Sectional Door, Manual Lift	2,456.10	460.38
08 36 13 00-0113	EA	8' x 12', Non-Insulated, Fiberglass Sectional Door, Manual Lift	2,927.17	575.46
08 36 13 00-0114	EA	10' x 8', Non-Insulated, Fiberglass Sectional Door, Manual Lift	2,430.96	460.38
08 36 13 00-0115	EA	10' x 10', Non-Insulated, Fiberglass Sectional Door, Manual Lift	2,879.02	517.92
08 36 13 00-0116	EA	10' x 12', Non-Insulated, Fiberglass Sectional Door, Manual Lift	3,640.11	719.33
08 36 13 00-0117	EA	10' x 14', Non-Insulated, Fiberglass Sectional Door, Manual Lift	4,404.71	920.74
08 36 13 00-0118	EA	12' x 8', Non-Insulated, Fiberglass Sectional Door, Manual Lift	2,891.56	575.46
08 36 13 00-0119	EA	12' x 10', Non-Insulated, Fiberglass Sectional Door, Manual Lift	3,625.44	719.33
08 36 13 00-0120	EA	12' x 12', Non-Insulated, Fiberglass Sectional Door, Manual Lift	4,350.60	863.20
08 36 13 00-0121	EA	12' x 14', Non-Insulated, Fiberglass Sectional Door, Manual Lift	5,362.10	1,150.93
08 36 13 00-0122	EA	12' x 16', Non-Insulated, Fiberglass Sectional Door, Manual Lift	6,263.54	1,381.12
08 36 13 00-0123	EA	14' x 8', Non-Insulated, Fiberglass Sectional Door, Manual Lift	3,582.08	805.65
08 36 13 00-0124	EA	14' x 10', Non-Insulated, Fiberglass Sectional Door, Manual Lift	4,316.74	920.74
08 36 13 00-0125	EA	14' x 12', Non-Insulated, Fiberglass Sectional Door, Manual Lift	5,286.69	1,150.93
08 36 13 00-0126	EA	14' x 14', Non-Insulated, Fiberglass Sectional Door, Manual Lift	6,255.17	1,381.12
08 36 13 00-0127	EA	14' x 16', Non-Insulated, Fiberglass Sectional Door, Manual Lift	6,995.88	1,496.20
08 36 13 00-0128	EA	16' x 8', Non-Insulated, Fiberglass Sectional Door, Manual Lift	4,071.67	920.74
08 36 13 00-0129	EA	16' x 10', Non-Insulated, Fiberglass Sectional Door, Manual Lift	4,855.25	1,035.83
08 36 13 00-0130	EA	16' x 12', Non-Insulated, Fiberglass Sectional Door, Manual Lift	5,882.15	1,266.02
08 36 13 00-0131	EA	16' x 14', Non-Insulated, Fiberglass Sectional Door, Manual Lift	6,897.44	1,496.20
08 36 13 00-0132	EA	16' x 16', Non-Insulated, Fiberglass Sectional Door, Manual Lift	7,683.61	1,611.29
08 36 13 00-0133		**Insulated, Fiberglass Sectional Doors** *(08 36 13 00-0109)*		
		Note: Includes 2" door with polystyrene insulation, tracks and hardware. Excludes frame.		
08 36 13 00-0134	EA	8' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	2,499.53	402.82
08 36 13 00-0135	EA	8' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	2,962.76	460.38
08 36 13 00-0136	EA	8' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	3,513.33	575.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0137	EA	10' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	2,929.33	460.38
08 36 13 00-0138	EA	10' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	3,487.29	517.92
08 36 13 00-0139	EA	10' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	4,366.58	719.33
08 36 13 00-0140	EA	10' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	5,250.77	920.74
08 36 13 00-0141	EA	12' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	3,465.97	575.46
08 36 13 00-0142	EA	12' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	4,347.08	719.33
08 36 13 00-0143	EA	12' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	5,216.70	863.20
08 36 13 00-0144	EA	12' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	6,371.98	1,150.93
08 36 13 00-0145	EA	12' x 16', Insulated, Fiberglass Sectional Door, Manual Lift	7,419.27	1,381.12
08 36 13 00-0146	EA	14' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	4,232.52	805.65
08 36 13 00-0147	EA	14' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	5,133.77	920.74
08 36 13 00-0148	EA	14' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	6,271.69	1,150.93
08 36 13 00-0149	EA	14' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	7,408.13	1,381.12
08 36 13 00-0150	EA	14' x 16', Insulated, Fiberglass Sectional Door, Manual Lift	8,317.50	1,496.20
08 36 13 00-0151	EA	16' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	4,807.82	920.74
08 36 13 00-0152	EA	16' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	5,773.89	1,035.83
08 36 13 00-0153	EA	16' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	6,987.42	1,266.02
08 36 13 00-0154	EA	16' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	8,186.57	1,496.20
08 36 13 00-0155	EA	16' x 16', Insulated, Fiberglass Sectional Door, Manual Lift	9,155.92	1,611.29

08 36 13 00-0156 Sectional Overhead Door Accessories *(08 36 13)*

08 36 13 00-0157 Sectional Overhead Door Accessories *(08 36 13 00-0156)*

08 36 13 00-0158	LF	Flap Seal For Sectional Overhead Doors	3.92	1.44
08 36 13 00-0159	LF	Weather Seal At Top Of Door For Sectional Overhead Doors	5.52	1.80
08 36 13 00-0160	LF	Astragal Only, Weather Strip At Bottom Of Door For Sectional Overhead Doors	3.31	1.44
08 36 13 00-0161	EA	Cylinder Lock For Sectional Overhead Doors	314.35	71.93
08 36 13 00-0162	EA	Manual Chain Hoist For Sectional Overhead Doors	707.61	143.86
08 36 13 00-0163	EA	3/4 HP, Electric Chain Lift Operator For Sectional Overhead Doors Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	2,737.98	230.19
08 36 13 00-0164	EA	1/2 HP Trolley Operator For Sectional Overhead Doors Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	1,326.56	230.19
08 36 13 00-0165	EA	3/4 HP Trolley Operator For Sectional Overhead Doors Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	1,729.58	230.19
		For Door Height >12', Add *Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.*	*10.00*	
08 36 13 00-0166	SF	Up To 2 SF Per Window 1/8" Double Strength Glass (DSB) Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	32.05	
08 36 13 00-0167	SF	>2 SF Per Window 1/8" Double Strength Glass (DSB) Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	19.99	
08 36 13 00-0168	SF	Up To 2 SF Per Window 1/8" Plexiglas Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	20.17	
08 36 13 00-0169	SF	>2 SF Per Window 1/8" Plexiglas Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	13.75	
08 36 13 00-0170	SF	Up To 2 SF Per Window 3/4" Insulated Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	50.94	
08 36 13 00-0171	SF	>2 SF Per Window 3/4" Insulated Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	34.38	
08 36 13 00-0172	SF	Up To 2 SF Per Window 1-5/8" Insulated Glazing For Sectional Metal Overhead Doors Note: Additional cost for factory supplied.	68.77	
08 36 13 00-0173	SF	>2 SF Per Window 1-5/8" Insulated Glazing For Sectional Metal Overhead Doors Note: Additional cost for factory supplied.	46.42	
08 36 13 00-0174	EA	Vertical Lift Track For Sectional Overhead Doors Up To 12' High Door Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.	671.21	115.09
08 36 13 00-0175	EA	Vertical Lift Track For Sectional Overhead Doors >12' To 16' High Door Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.	1,047.24	173.85
08 36 13 00-0176	EA	Vertical Lift Track For Sectional Overhead Doors >16' To 20' High Door Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.	1,537.59	289.75
08 36 13 00-0177	SF	25,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors Note: Additional cost for factory supplied/installed spring. Per SF of Door.	2.13	
08 36 13 00-0178	SF	50,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors Note: Additional cost for factory supplied/installed spring. Per SF of Door.	2.74	
08 36 13 00-0179	SF	100,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors Note: Additional cost for factory supplied/installed spring. Per SF of Door.	3.62	

08 38 Traffic Doors *(08 30)*

08 38 13 Flexible Strip Doors *(08 38)*

08 38 13 00-0001 Clear Polyvinyl Chloride (PVC) Strip Doors *(08 38 13)*

08 38 13 00-0002	SF	8" Smooth Strip, 0.080" Thick, 50% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	21.85	6.91
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*0.69*	
		For Ribbed Strip Material, Add	*1.45*	
08 38 13 00-0003	SF	8" Smooth Strip, 0.080" Thick, 100% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	30.43	9.21
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*0.97*	
		For Ribbed Strip Material, Add	*2.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 13 00-0004	SF	12" Smooth Strip, 0.120" Thick, 66% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	19.04	5.76
		For Cooler/Freezer Doors, USDA Grade, Add	*0.87*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*1.82*	
08 38 13 00-0005	SF	12" Smooth Strip, 0.120" Thick, 100% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	24.71	6.33
		For Cooler/Freezer Doors, USDA Grade, Add	*1.09*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*2.29*	
08 38 13 00-0006	SF	16" Smooth Strip, 0.160" Thick, 66% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	20.24	5.76
		For Cooler/Freezer Doors, USDA Grade, Add	*1.10*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*2.32*	
08 38 13 00-0007		Clear Polyvinyl Chloride (PVC) Replacement Strips *(08 38 13)*		
08 38 13 00-0008	EA	8" Smooth Strip, 0.080" Thick, 7' Long, Replacement Strip	68.89	32.46
		For Cooler/Freezer Doors, USDA Grade, Add	*1.60*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*3.35*	
08 38 13 00-0009	EA	8" Smooth Strip, 0.080" Thick, 8' Long, Replacement Strip	71.13	32.46
		For Cooler/Freezer Doors, USDA Grade, Add	*1.82*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*3.82*	
08 38 13 00-0010	EA	12" Smooth Strip, 0.120" Thick, 8' Long, Replacement Strip	102.88	40.17
		For Cooler/Freezer Doors, USDA Grade, Add	*3.73*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*7.83*	
08 38 13 00-0011	EA	12" Smooth Strip, 0.120" Thick, 10' Long, Replacement Strip	110.45	40.17
		For Cooler/Freezer Doors, USDA Grade, Add	*4.49*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*9.42*	
08 38 13 00-0012	EA	12" Smooth Strip, 0.120" Thick, 12' Long, Replacement Strip	117.56	40.17
		For Cooler/Freezer Doors, USDA Grade, Add	*5.20*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*10.91*	
08 38 13 00-0013	EA	16" Smooth Strip, 0.160" Thick, 14' Long, Replacement Strip	203.71	40.97
		For Cooler/Freezer Doors, USDA Grade, Add	*12.17*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*25.56*	
08 38 16		**Flexible Traffic Doors** *(08 38)*		
		Note: Impact traffic doors also known as double action traffic doors. Includes hardware. Excludes door frame.		
08 38 16 00-0001		0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors (TMI Mega-Pro) *(08 38 16)*		
08 38 16 00-0002		Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors *(08 38 16 00-0001)*		
08 38 16 00-0003		Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors *(08 38 16 00-0002)*		
08 38 16 00-0004	EA	72" x 84" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	9,259.02	115.09
08 38 16 00-0005	EA	72" x 96" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	10,035.13	115.09
08 38 16 00-0006	EA	96" x 96" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	21,203.65	132.35
08 38 16 00-0007	EA	96" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	23,808.09	143.86
08 38 16 00-0008	EA	108" x 108" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	37,239.36	143.86
08 38 16 00-0009	EA	108" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	38,976.87	143.86
08 38 16 00-0010	EA	120" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	43,346.16	172.64
08 38 16 00-0011		Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors *(08 38 16 00-0002)*		
08 38 16 00-0012	EA	72" x 84" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	10,339.48	115.09
08 38 16 00-0013	EA	72" x 96" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	11,203.77	115.09
08 38 16 00-0014	EA	96" x 96" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	25,183.47	132.35
08 38 16 00-0015	EA	96" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	27,770.23	143.86
08 38 16 00-0016	EA	108" x 108" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	41,783.39	143.86
08 38 16 00-0017	EA	108" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	43,550.81	143.86
08 38 16 00-0018	EA	120" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	48,434.80	172.64
08 38 16 00-0019		0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (Eliason FMP) *(08 38 16)*		
		Note: Includes pebble embossed finish and a 14" x 16" vinyl window.		
08 38 16 00-0020		Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0019)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 16 00-0021		84" Height, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0020)*		
08 38 16 00-0022	EA	24" To 36" Width x 84" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	3,620.03	63.30
08 38 16 00-0023	EA	40" To 44" Width x 84" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	3,914.30	63.30
08 38 16 00-0024		96" Height, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0020)*		
08 38 16 00-0025	EA	24" To 36" Width x 96" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	3,914.30	63.30
08 38 16 00-0026	EA	40" To 44" Width x 96" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	3,997.29	63.30
08 38 16 00-0027		Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0019)*		
08 38 16 00-0028		84" Height, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0027)*		
08 38 16 00-0029	EA	48" To 72" Width x 84" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	7,205.52	109.34
08 38 16 00-0030	EA	80" To 88" Width x 84" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	7,794.05	109.34
08 38 16 00-0031		96" Height, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0027)*		
08 38 16 00-0032	EA	48" To 72" Width x 96" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	7,794.05	109.34
08 38 16 00-0033	EA	80" To 88" Width x 96" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	7,960.05	109.34

08 38 19 Rigid Traffic Doors *(08 38)*

Note: Impact traffic doors also known as double action traffic doors. Includes hardware. Excludes door frame.

08 38 19 00-0001		0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors (Eliason LWP-3) *(08 38 19)*		
		Note: Includes delta formed vertical edges and a 9" x 14" acrylic window.		
08 38 19 00-0002		Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0001)*		
08 38 19 00-0003		84" Height, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0002)*		
08 38 19 00-0004	EA	24" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,696.00	63.30
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0005	EA	28" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,831.81	63.30
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0006	EA	30" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,890.39	66.18
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0007	EA	32" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,973.39	66.18
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0008	EA	36" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	2,062.16	69.05
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0009	EA	40" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	2,243.25	69.05
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0010	EA	42" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	2,313.30	77.69
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0011		96" Height, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0002)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0012	EA	24" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,929.90	63.30
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0013	EA	28" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	2,035.53	63.30
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0014	EA	30" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	2,101.65	66.18
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0015	EA	32" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	2,162.02	66.18
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0016	EA	36" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	2,371.52	69.05
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0017	EA	40" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	2,416.79	69.05
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0018	EA	42" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	2,479.29	77.69
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

08 38 19 00-0019 Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0001)*

08 38 19 00-0020 84" Height, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0019)*

08 38 19 00-0021	EA	48" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,357.46	109.34
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0022	EA	56" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,629.08	109.34
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0023	EA	60" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,734.72	109.34
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0024	EA	64" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,900.71	109.34
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0025	EA	72" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	4,078.26	115.09
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0026	EA	80" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	4,440.43	115.09
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0027	EA	84" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	4,546.06	115.09
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

08 38 19 00-0028 96" Height, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0019)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0029	EA	48" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,825.26	109.34
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0030	EA	56" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	4,036.53	109.34
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0031	EA	60" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	4,157.25	109.34
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0032	EA	64" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	4,277.97	109.34
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0033	EA	72" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	4,696.97	115.09
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0034	EA	80" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	4,787.51	115.09
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0035	EA	84" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	4,878.05	115.09
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

08 38 19 00-0036 3/4" Thick, Polymer Cell Core Impact Traffic Doors (Eliason P-11 Plus) *(08 38 19)*

Note: Includes 0.125" thick thermoplastic exterior finish, 14 gauge back channel and a 14" x 16" acrylic window.

08 38 19 00-0037 Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0036)*

08 38 19 00-0038 84" Height, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0037)*

08 38 19 00-0039	EA	24" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,084.32	63.30
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0040	EA	28" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,438.95	63.30
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0041	EA	30" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,588.07	66.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0042	EA	32" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,738.97	66.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0043	EA	36" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,790.02	69.05
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0044	EA	40" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	4,099.38	69.05
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0045	EA	42" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	4,395.78	77.69
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0046	EA	44" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	4,448.60	77.69
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0047 96" Height, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0037)*

08 38 19 00-0048	EA	24" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,386.13	63.30
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0049	EA	28" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,755.85	63.30
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0050	EA	30" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,904.97	66.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0051	EA	32" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	4,093.60	66.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0052	EA	36" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	4,235.19	69.05
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0053	EA	40" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	4,537.00	69.05
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0054	EA	42" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	4,674.95	77.69
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0055	EA	44" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	4,863.58	77.69
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0056 Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0036)*

08 38 19 00-0057 84" Height, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0056)*

08 38 19 00-0058	EA	48" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	6,134.10	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0059	EA	56" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	6,843.35	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0060	EA	60" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	7,130.07	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0061	EA	64" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	7,431.88	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0062	EA	72" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	7,533.97	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0063	EA	80" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	8,152.68	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0064	EA	84" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	8,711.03	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0065	EA	88" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	8,816.66	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0066 96" Height, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0056)*

08 38 19 00-0067	EA	48" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	6,737.72	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0068	EA	56" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	7,477.15	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0069	EA	60" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	7,763.87	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0070	EA	64" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	8,141.13	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0071	EA	72" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	8,424.31	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0072	EA	80" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	9,027.93	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0073	EA	84" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	9,269.38	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0074	EA	88" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	9,646.64	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0075 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors (Eliason PMP-2) *(08 38 19)*

Note: Includes textured finish, 16 gauge back channel and a 14" x 16" window.

08 38 19 00-0076 Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0075)*

08 38 19 00-0077 84" Height, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0076)*

08 38 19 00-0078	EA	24" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	4,166.42	63.30
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0079	EA	28" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	4,749.09	63.30
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0080	EA	30" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	4,910.23	66.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0081	EA	32" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	4,968.49	66.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0082	EA	36" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	5,032.54	69.05
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0083	EA	40" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	5,576.36	69.05
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0084	EA	42" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	6,040.30	77.69
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0085	EA	44" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	6,108.28	77.69
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0086 96" Height, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0076)*

08 38 19 00-0087	EA	24" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	4,292.66	63.30
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0088	EA	28" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	5,011.29	63.30
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0089	EA	30" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	5,182.14	66.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0090	EA	32" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	5,259.83	66.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0091	EA	36" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	5,285.03	69.05
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0092	EA	40" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	5,683.19	69.05
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0093	EA	42" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	6,137.42	77.69
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0094	EA	44" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	6,215.11	77.69
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0095 Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0075)*

08 38 19 00-0096 84" Height, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0095)*

08 38 19 00-0097	EA	48" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	8,298.30	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0098	EA	56" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	9,463.64	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0099	EA	60" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	9,774.39	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0100	EA	64" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	9,890.93	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0101	EA	72" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	10,019.01	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0102	EA	80" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	11,106.66	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0103	EA	84" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	12,000.08	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0104	EA	88" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	12,136.04	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0105 96" Height, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0095)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0106	EA	48" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	8,550.79	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0107	EA	56" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	9,988.04	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0108	EA	60" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	10,318.22	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0109	EA	64" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	10,473.59	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0110	EA	72" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	10,523.99	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0111	EA	80" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	11,320.30	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0112	EA	84" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	12,194.30	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0113	EA	88" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	12,349.68	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0114 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors (Eliason SCP-2) *(08 38 19)*

Note: Includes 0.032" tempered aluminum alloy top panel, 48" high 16 gauge stainless steel front and galvanized back base plate, 14 gauge galvanized steel back channel and a 9" x 14" window.

08 38 19 00-0115 Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0114)*

08 38 19 00-0116 84" Height, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0115)*

08 38 19 00-0117	EA	24" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,170.83	63.30
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0118	EA	28" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,570.73	63.30
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0119	EA	30" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,682.12	66.18
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0120	EA	32" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,780.21	66.18
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0121	EA	36" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,951.99	69.05
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0122	EA	40" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	5,140.62	69.05
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0123	EA	42" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	5,308.75	77.69
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0124	EA	44" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	5,437.02	77.69
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

08 38 19 00-0125 96" Height, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0115)*

08 38 19 00-0126	EA	24" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,510.37	63.30
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0127	EA	28" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,932.90	63.30
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0128	EA	30" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	5,051.84	66.18
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0129	EA	32" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	5,104.66	66.18
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0130	EA	36" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	5,261.34	69.05
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0131	EA	40" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	5,510.33	69.05
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0132	EA	42" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	5,648.29	77.69
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0133	EA	44" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	5,776.56	77.69
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

08 38 19 00-0134 Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0114)*

08 38 19 00-0135 84" Height, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0134)*

08 38 19 00-0136	EA	48" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	8,307.13	109.34
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0137	EA	56" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	9,106.92	109.34
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0138	EA	60" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	9,318.19	109.34
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0139	EA	64" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	9,514.36	109.34
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0140	EA	72" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	9,857.90	115.09
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0141	EA	80" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	10,235.17	115.09
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0142	EA	84" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	10,536.97	115.09
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0143	EA	88" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	10,793.51	115.09
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

08 38 19 00-0144 96" Height, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0134)*

08 38 19 00-0145	EA	48" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	8,986.20	109.34
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0146	EA	56" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	9,831.26	109.34
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0147	EA	60" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	10,057.62	109.34
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0148	EA	64" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	10,163.25	109.34
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0149	EA	72" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	10,476.61	115.09
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0150	EA	80" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	10,974.60	115.09
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0151	EA	84" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	11,216.04	115.09
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0152	EA	88" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	11,472.58	115.09
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0153		1-1/2" Thick, Polymer Cell Core Impact Traffic Doors (Eliason HCP-10) *(08 38 19)*		
		Note: Includes 0.125" thick thermoplastic exterior finish, 14" x 16" acrylic window and 18" high easy spring bumpers.		
08 38 19 00-0154		Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0153)*		
08 38 19 00-0155		84" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0154)*		
08 38 19 00-0156	EA	24" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,095.38	63.30
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0157	EA	28" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,314.19	63.30
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0158	EA	30" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,516.13	66.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0159	EA	32" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,644.40	66.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0160	EA	36" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,967.08	69.05
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0161	EA	40" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	5,223.61	69.05
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0162	EA	42" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	5,444.57	77.69
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0163	EA	44" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	5,686.01	77.69
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0164		90" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0154)*		
08 38 19 00-0165	EA	24" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,246.29	63.30
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0166	EA	28" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,510.37	63.30
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0167	EA	30" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,644.40	66.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0168	EA	32" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,825.48	66.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0169	EA	36" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	5,170.80	69.05
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0170	EA	40" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	5,480.15	69.05
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0171	EA	42" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	5,686.01	77.69
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0172	EA	44" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	5,912.37	77.69
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0173		96" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0154)*		
08 38 19 00-0174	EA	24" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,631.09	63.30
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0175	EA	28" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,683.91	63.30
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0176	EA	30" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,908.48	66.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0177	EA	32" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	5,074.48	66.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0178	EA	36" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	5,427.34	69.05
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0179	EA	40" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	5,797.05	69.05
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0180	EA	42" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	5,987.82	77.69
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0181	EA	44" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	6,214.18	77.69
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0182		Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0153)*		
08 38 19 00-0183		84" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0182)*		
08 38 19 00-0184	EA	48" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	8,156.22	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0185	EA	56" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	8,593.85	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0186	EA	60" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	8,986.20	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0187	EA	64" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	9,242.74	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0188	EA	72" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	9,888.08	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0189	EA	80" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	10,401.16	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0190	EA	84" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	10,808.60	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0191	EA	88" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	11,291.50	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0192		90" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0182)*		
08 38 19 00-0193	EA	48" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	8,458.03	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0194	EA	56" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	8,986.20	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0195	EA	60" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	9,242.74	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0196	EA	64" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	9,604.91	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0197	EA	72" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	10,295.53	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0198	EA	80" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	10,914.24	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0199	EA	84" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	11,291.50	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0200	EA	88" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	11,744.21	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0201		96" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0182)*		
08 38 19 00-0202	EA	48" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	9,227.64	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0203	EA	56" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	9,333.28	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0204	EA	60" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	9,770.90	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0205	EA	64" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	10,102.89	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0206	EA	72" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	10,808.60	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0207	EA	80" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	11,548.03	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0208	EA	84" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	11,895.12	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0209	EA	88" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	12,347.83	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0210 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors (Eliason HFG-10) *(08 38 19)*

Note: Includes 0.125" thick thermoplastic exterior finish, 14" x 16" acrylic window, 18" high easy spring bumpers, and perimeter gasketing.

08 38 19 00-0211 Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0210)*

08 38 19 00-0212 84" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0211)*

08 38 19 00-0213	EA	24" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,095.38	63.30
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0214	EA	28" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,314.19	63.30
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0215	EA	30" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,516.13	66.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0216	EA	32" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,644.40	66.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0217	EA	36" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,967.08	69.05
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0218	EA	40" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	5,223.61	69.05
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0219	EA	42" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	5,444.57	77.69
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0220	EA	44" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	5,686.01	77.69
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0221 90" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0211)*

08 38 19 00-0222	EA	24" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,246.29	63.30
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0223	EA	28" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,510.37	63.30
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0224	EA	30" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,644.40	66.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0225	EA	32" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,825.48	66.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0226	EA	36" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	5,170.80	69.05
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0227	EA	40" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	5,480.15	69.05
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0228	EA	42" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	5,686.01	77.69
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0229	EA	44" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	5,912.37	77.69
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 38 19 00-0230 96" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0211)*

08 38 19 00-0231	EA	24" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,631.09	63.30
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0232	EA	28" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,683.91	63.30
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0233	EA	30" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,908.48	66.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0234	EA	32" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	5,074.48	66.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0235	EA	36" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	5,427.34	69.05
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0236	EA	40" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	5,797.05	69.05
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0237	EA	42" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	5,987.82	77.69
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0238	EA	44" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	6,214.18	77.69
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0239 Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0210)*

08 38 19 00-0240 84" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0239)*

08 38 19 00-0241	EA	48" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	8,156.22	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0242	EA	56" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	8,593.85	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0243	EA	60" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	8,986.20	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0244	EA	64" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	9,242.74	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0245	EA	72" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	9,888.08	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0246	EA	80" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	10,401.16	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0247	EA	84" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	10,808.60	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0248	EA	88" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	11,291.50	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0249 90" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0239)*

08 38 19 00-0250	EA	48" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	8,458.03	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0251	EA	56" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	8,986.20	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0252	EA	60" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	9,242.74	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0253	EA	64" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	9,604.91	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0254	EA	72" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	10,295.53	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0255	EA	80" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	10,914.24	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0256	EA	84" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	11,291.50	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0257	EA	88" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	11,744.21	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0258		**96" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors** *(08 38 19 00-0239)*		
08 38 19 00-0259	EA	48" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	9,227.64	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0260	EA	56" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	9,333.28	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0261	EA	60" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	9,770.90	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0262	EA	64" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	10,102.89	109.34
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0263	EA	72" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	10,808.60	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0264	EA	80" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	11,548.03	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0265	EA	84" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	11,895.12	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0266	EA	88" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	12,347.83	115.09
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0267		**Rigid Impact Traffic Door Accessories** *(08 38 19)*		
08 38 19 00-0268		**Bumper Strips For Impact Traffic Doors** *(08 38 19 00-0267)*		
		Note: Includes two bumpers per set.		
08 38 19 00-0269	SET	24" Wide, Bumper Strips For Impact Traffic Doors	325.21	46.04
08 38 19 00-0270	SET	30" Wide, Bumper Strips For Impact Traffic Doors	362.94	46.04
08 38 19 00-0271	SET	36" Wide, Bumper Strips For Impact Traffic Doors	393.12	46.04
08 38 19 00-0272	SET	48" Wide, Bumper Strips For Impact Traffic Doors	445.94	46.04
08 38 19 00-0273		**Easy Spring Bumpers For Impact Traffic Doors** *(08 38 19 00-0267)*		
		Note: Includes two bumpers per set.		
08 38 19 00-0274	SET	18" Height, Easy Spring Bumpers For Impact Traffic Doors	936.38	46.04
08 38 19 00-0275	SET	24" Height, Easy Spring Bumpers For Impact Traffic Doors	1,253.28	46.04
08 38 19 00-0276	SET	36" Height, Easy Spring Bumpers For Impact Traffic Doors	1,864.44	46.04
08 38 19 00-0277	SET	42" Height, Easy Spring Bumpers For Impact Traffic Doors	2,158.70	46.04
08 38 19 00-0278	SET	48" Height, Easy Spring Bumpers For Impact Traffic Doors	2,460.51	46.04
08 38 19 00-0279		**Scuff Plates For Impact Traffic Doors** *(08 38 19 00-0267)*		
		Note: Includes two 0.090" thermoplastic plates per set.		
08 38 19 00-0280		**12" High, Scuff Plates For Impact Traffic Doors** *(08 38 19 00-0279)*		
08 38 19 00-0281	SET	24" Wide x 12" High, Impact Traffic Door Scuff Plates	393.12	46.04
08 38 19 00-0282	SET	30" Wide x 12" High, Impact Traffic Door Scuff Plates	423.30	46.04
08 38 19 00-0283	SET	36" Wide x 12" High, Impact Traffic Door Scuff Plates	461.03	46.04
08 38 19 00-0284	SET	42" Wide x 12" High, Impact Traffic Door Scuff Plates	513.84	46.04
08 38 19 00-0285	SET	48" Wide x 12" High, Impact Traffic Door Scuff Plates	544.03	46.04
08 38 19 00-0286		**24" High, Scuff Plates For Impact Traffic Doors** *(08 38 19 00-0279)*		
08 38 19 00-0287	SET	24" Wide x 24" High, Impact Traffic Door Scuff Plates	544.03	46.04
08 38 19 00-0288	SET	30" Wide x 24" High, Impact Traffic Door Scuff Plates	679.84	46.04
08 38 19 00-0289	SET	36" Wide x 24" High, Impact Traffic Door Scuff Plates	755.29	46.04
08 38 19 00-0290	SET	42" Wide x 24" High, Impact Traffic Door Scuff Plates	860.92	46.04
08 38 19 00-0291	SET	48" Wide x 24" High, Impact Traffic Door Scuff Plates	928.83	46.04
08 38 19 00-0292		**30" High, Scuff Plates For Impact Traffic Doors** *(08 38 19 00-0279)*		
08 38 19 00-0293	SET	24" Wide x 30" High, Impact Traffic Door Scuff Plates	679.84	46.04
08 38 19 00-0294	SET	30" Wide x 30" High, Impact Traffic Door Scuff Plates	800.56	46.04
08 38 19 00-0295	SET	36" Wide x 30" High, Impact Traffic Door Scuff Plates	891.11	46.04
08 38 19 00-0296	SET	42" Wide x 30" High, Impact Traffic Door Scuff Plates	1,057.10	46.04
08 38 19 00-0297	SET	48" Wide x 30" High, Impact Traffic Door Scuff Plates	1,170.28	46.04
08 38 19 00-0298		**36" High, Scuff Plates For Impact Traffic Doors** *(08 38 19 00-0279)*		
08 38 19 00-0299	SET	24" Wide x 36" High, Impact Traffic Door Scuff Plates	755.29	46.04
08 38 19 00-0300	SET	30" Wide x 36" High, Impact Traffic Door Scuff Plates	891.11	46.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0301	SET	36" Wide x 36" High, Impact Traffic Door Scuff Plates	1,042.01	46.04
08 38 19 00-0302	SET	42" Wide x 36" High, Impact Traffic Door Scuff Plates	1,125.01	46.04
08 38 19 00-0303	SET	48" Wide x 36" High, Impact Traffic Door Scuff Plates	1,253.28	46.04
08 38 19 00-0304		48" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*		
08 38 19 00-0305	SET	24" Wide x 48" High, Impact Traffic Door Scuff Plates	928.83	46.04
08 38 19 00-0306	SET	30" Wide x 48" High, Impact Traffic Door Scuff Plates	1,170.28	46.04
08 38 19 00-0307	SET	36" Wide x 48" High, Impact Traffic Door Scuff Plates	1,253.28	46.04
08 38 19 00-0308	SET	42" Wide x 48" High, Impact Traffic Door Scuff Plates	1,411.73	46.04
08 38 19 00-0309	SET	48" Wide x 48" High, Impact Traffic Door Scuff Plates	1,585.27	46.04
08 38 19 00-0310		Base Plates For Impact Traffic Doors *(08 38 19 00-0267)* Note: Includes two base plates per set.		
08 38 19 00-0311		Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0310)*		
08 38 19 00-0312		12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0313	SET	24" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	378.03	46.04
08 38 19 00-0314	SET	30" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	408.21	46.04
08 38 19 00-0315	SET	36" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	423.30	46.04
08 38 19 00-0316	SET	42" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	491.21	46.04
08 38 19 00-0317	SET	48" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	521.39	46.04
08 38 19 00-0318		24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0319	SET	24" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	491.21	46.04
08 38 19 00-0320	SET	30" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	536.48	46.04
08 38 19 00-0321	SET	36" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	581.75	46.04
08 38 19 00-0322	SET	42" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	619.48	46.04
08 38 19 00-0323	SET	48" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	679.84	46.04
08 38 19 00-0324		30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0325	SET	24" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	566.66	46.04
08 38 19 00-0326	SET	30" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	604.39	46.04
08 38 19 00-0327	SET	36" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	694.93	46.04
08 38 19 00-0328	SET	42" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	793.02	46.04
08 38 19 00-0329	SET	48" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	838.29	46.04
08 38 19 00-0330		36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0331	SET	24" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	604.39	46.04
08 38 19 00-0332	SET	30" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	679.84	46.04
08 38 19 00-0333	SET	36" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	793.02	46.04
08 38 19 00-0334	SET	42" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	883.56	46.04
08 38 19 00-0335	SET	48" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	936.38	46.04
08 38 19 00-0336		48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0337	SET	24" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	777.93	46.04
08 38 19 00-0338	SET	30" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	883.56	46.04
08 38 19 00-0339	SET	36" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	1,026.92	46.04
08 38 19 00-0340	SET	42" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	1,094.83	46.04
08 38 19 00-0341	SET	48" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	1,185.37	46.04
08 38 19 00-0342		Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0310)*		
08 38 19 00-0343		12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0344	SET	24" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	513.84	46.04
08 38 19 00-0345	SET	30" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	544.03	46.04
08 38 19 00-0346	SET	36" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	634.57	46.04
08 38 19 00-0347	SET	42" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	679.84	46.04
08 38 19 00-0348	SET	48" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	808.11	46.04
08 38 19 00-0349		24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0350	SET	24" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	725.11	46.04
08 38 19 00-0351	SET	30" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	860.92	46.04
08 38 19 00-0352	SET	36" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	996.74	46.04
08 38 19 00-0353	SET	42" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,162.73	46.04
08 38 19 00-0354	SET	48" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,313.64	46.04
08 38 19 00-0355		30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0356	SET	24" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	830.74	46.04
08 38 19 00-0357	SET	30" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,011.83	46.04
08 38 19 00-0358	SET	36" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,177.82	46.04
08 38 19 00-0359	SET	42" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,351.36	46.04
08 38 19 00-0360	SET	48" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,555.09	46.04
08 38 19 00-0361		36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0362	SET	24" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	966.56	46.04
08 38 19 00-0363	SET	30" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,162.73	46.04
08 38 19 00-0364	SET	36" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,389.09	46.04
08 38 19 00-0365	SET	42" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,607.90	46.04
08 38 19 00-0366	SET	48" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,796.53	46.04
08 38 19 00-0367		48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0368	SET	24" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,208.01	46.04
08 38 19 00-0369	SET	30" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,675.81	46.04
08 38 19 00-0370	SET	36" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,796.53	46.04
08 38 19 00-0371	SET	42" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	2,158.70	46.04
08 38 19 00-0372	SET	48" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	2,369.97	46.04
08 38 19 00-0373		One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0310)*		
08 38 19 00-0374		12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0375	SET	24" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	453.48	46.04
08 38 19 00-0376	SET	30" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	491.21	46.04
08 38 19 00-0377	SET	36" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	536.48	46.04
08 38 19 00-0378	SET	42" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	589.30	46.04
08 38 19 00-0379	SET	48" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	672.29	46.04
08 38 19 00-0380		24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0381	SET	24" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	619.48	46.04
08 38 19 00-0382	SET	30" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	710.02	46.04
08 38 19 00-0383	SET	36" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	800.56	46.04
08 38 19 00-0384	SET	42" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	898.65	46.04
08 38 19 00-0385	SET	48" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,011.83	46.04
08 38 19 00-0386		30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0387	SET	24" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	710.02	46.04
08 38 19 00-0388	SET	30" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	823.20	46.04
08 38 19 00-0389	SET	36" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	951.47	46.04
08 38 19 00-0390	SET	42" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,109.92	46.04
08 38 19 00-0391	SET	48" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,215.55	46.04
08 38 19 00-0392		36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0393	SET	24" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	800.56	46.04
08 38 19 00-0394	SET	30" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	951.47	46.04
08 38 19 00-0395	SET	36" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,109.92	46.04
08 38 19 00-0396	SET	42" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,268.37	46.04
08 38 19 00-0397	SET	48" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,381.55	46.04
08 38 19 00-0398		48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0399	SET	24" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,011.83	46.04
08 38 19 00-0400	SET	30" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,245.73	46.04
08 38 19 00-0401	SET	36" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,381.55	46.04
08 38 19 00-0402	SET	42" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,653.17	46.04
08 38 19 00-0403	SET	48" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,728.63	46.04
08 38 19 00-0404		Jamb Guards For Impact Traffic Doors *(08 38 19 00-0267)*		
08 38 19 00-0405	EA	3" x 9", Jamb Guard For Impact Traffic Doors	623.43	57.54
08 38 19 00-0406	EA	5" x 18", Jamb Guard For Impact Traffic Doors	849.79	57.54
08 38 19 00-0407	EA	5" x 18", Stainless Steel Jamb Guard For Impact Traffic Doors	1,679.76	57.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0408		**Other Impact Traffic Door Accessories** *(08 38 19 00-0267)*		
08 38 19 00-0409	EA	Push Plate For Impact Traffic Doors	149.49	28.77
08 38 19 00-0410	EA	Pull Handle For Impact Traffic Doors	202.31	28.77
08 38 19 00-0411	EA	Deadbolt Lock For Impact Traffic Doors	526.76	28.77
08 38 19 00-0412	PR	Lock Hole Reinforcements For Impact Traffic Doors	662.57	28.77
08 38 19 00-0413	PR	Padlock Brackets For Impact Traffic Doors	255.13	28.77
08 38 19 00-0414		**Impact Traffic Door Knock Down Frames** *(08 38 19)* Note: Frames are 16 gauge galvanized steel with reinforcement at hardware locations.		
08 38 19 00-0415		**Single Door, Impact Traffic Door Knock Down Frames** *(08 38 19 00-0414)*		
08 38 19 00-0416		**84" Height, Single Door, Impact Traffic Door Knock Down Frames** *(08 38 19 00-0415)*		
08 38 19 00-0417	EA	24" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,520.29	86.32
08 38 19 00-0418	EA	28" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,794.24	94.95
08 38 19 00-0419	EA	30" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,831.39	100.70
08 38 19 00-0420	EA	32" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,871.09	109.34
08 38 19 00-0421	EA	36" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,911.49	115.09
08 38 19 00-0422	EA	40" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,992.18	120.85
08 38 19 00-0423	EA	42" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	2,050.02	126.61
08 38 19 00-0424	EA	44" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	2,086.88	132.35
08 38 19 00-0425		**90" Height, Single Door, Impact Traffic Door Knock Down Frames** *(08 38 19 00-0415)*		
08 38 19 00-0426	EA	24" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,553.95	86.32
08 38 19 00-0427	EA	28" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,834.31	94.95
08 38 19 00-0428	EA	30" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,872.16	100.70
08 38 19 00-0429	EA	32" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,912.40	109.34
08 38 19 00-0430	EA	36" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,953.52	115.09
08 38 19 00-0431	EA	40" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	2,035.95	120.85
08 38 19 00-0432	EA	42" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	2,094.92	126.61
08 38 19 00-0433	EA	44" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	2,132.46	132.35
08 38 19 00-0434		**96" Height, Single Door, Impact Traffic Door Knock Down Frames** *(08 38 19 00-0415)*		
08 38 19 00-0435	EA	24" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,598.69	86.32
08 38 19 00-0436	EA	28" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,887.58	94.95
08 38 19 00-0437	EA	30" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,926.26	100.70
08 38 19 00-0438	EA	32" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,954.01	109.34
08 38 19 00-0439	EA	36" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	2,009.36	115.09
08 38 19 00-0440	EA	40" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	2,079.71	120.85
08 38 19 00-0441	EA	42" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	2,154.60	126.61
08 38 19 00-0442	EA	44" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	2,196.29	129.47
08 38 19 00-0443		**Double Door, Impact Traffic Door Knock Down Frames** *(08 38 19 00-0414)*		
08 38 19 00-0444		**84" Height, Double Door, Impact Traffic Door Knock Down Frames** *(08 38 19 00-0443)*		
08 38 19 00-0445	EA	48" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,125.74	132.35
08 38 19 00-0446	EA	56" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,158.32	134.66
08 38 19 00-0447	EA	60" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,201.40	138.11
08 38 19 00-0448	EA	64" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,256.28	143.86
08 38 19 00-0449	EA	72" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,288.54	149.62
08 38 19 00-0450	EA	80" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,369.31	150.77
08 38 19 00-0451	EA	84" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,422.68	152.50
08 38 19 00-0452	EA	88" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,486.27	155.38
08 38 19 00-0453		**90" Height, Double Door, Impact Traffic Door Knock Down Frames** *(08 38 19 00-0443)*		
08 38 19 00-0454	EA	48" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,172.22	132.35
08 38 19 00-0455	EA	56" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,205.48	134.66
08 38 19 00-0456	EA	60" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,249.53	138.11
08 38 19 00-0457	EA	64" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,305.48	143.86
08 38 19 00-0458	EA	72" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,338.34	149.62
08 38 19 00-0459	EA	80" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,421.00	150.77
08 38 19 00-0460	EA	84" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,475.61	152.50
08 38 19 00-0461	EA	88" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,540.67	155.38
08 38 19 00-0462		**96" Height, Double Door, Impact Traffic Door Knock Down Frames** *(08 38 19 00-0443)*		
08 38 19 00-0463	EA	48" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,226.47	132.35
08 38 19 00-0464	EA	56" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,252.56	134.66
08 38 19 00-0465	EA	60" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,313.44	138.11
08 38 19 00-0466	EA	64" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,354.67	143.86
08 38 19 00-0467	EA	72" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,404.36	149.62
08 38 19 00-0468	EA	80" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,497.20	150.77
08 38 19 00-0469	EA	84" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,545.93	152.50
08 38 19 00-0470	EA	88" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,598.18	155.38

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 40 Entrances, Storefronts, and Curtain Walls *(08)*

08 42 Entrances *(08 40)*

08 42 13 Aluminum-Framed Entrances *(08 42)*

08 42 13 00-0001 Aluminum Framed Entrance Doors *(08 42 13)*

Note: Includes frame, trim, necessary anchors, tempered glass, standard hardware (hinges, pull handle, push plate, threshold, door sweep) and prepared for panic device. Fixed doors mullion (on pairs). Excludes exit device and closer. See CSI section 08 71 11 00-2132 for exit device, 08 71 11 00-2283 for closer.

08 42 13 00-0002	EA	3' x 7' x 1-3/4" Medium Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors Note: Including Glazing, Trim And Hardware	4,079.52	837.04
		For Bronze Finish, Add	*313.53*	
		For Black Finish, Add	*900.48*	
		For 8' High Door, Add	*324.83*	
		For 10' High Door, Add	*706.15*	
		For 1" Insulated Glazing, Add	*164.44*	
08 42 13 00-0003	EA	3'-6" x 7' x 1-3/4" Medium Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors Note: Including Glazing, Trim And Hardware	4,223.31	919.86
		For Bronze Finish, Add	*315.56*	
		For Black Finish, Add	*906.31*	
		For 8' High Door, Add	*326.93*	
		For 10' High Door, Add	*710.72*	
		For 1" Insulated Glazing, Add	*164.44*	
08 42 13 00-0004	PR	6' x 7' x 1-3/4" Medium Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors Note: Including Glazing, Trim And Hardware	6,772.77	1,255.31
		For Bronze Finish, Add	*543.25*	
		For Black Finish, Add	*1,560.25*	
		For 8' High Door, Add	*562.82*	
		For 10' High Door, Add	*1,223.53*	
		For 1" Insulated Glazing, Add	*328.89*	
08 42 13 00-0005	PR	7' x 7' x 1-3/4" Medium Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors Note: Including Glazing, Trim And Hardware	7,852.73	1,367.87
		For Bronze Finish, Add	*643.21*	
		For Black Finish, Add	*1,847.33*	
		For 8' High Door, Add	*666.38*	
		For 10' High Door, Add	*1,448.66*	
		For 1" Insulated Glazing, Add	*328.89*	
08 42 13 00-0006	EA	3' x 7' x 1-3/4" Wide Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors Note: Including Glazing, Trim And Hardware	4,463.89	837.04
		For Bronze Finish, Add	*356.19*	
		For Black Finish, Add	*1,023.02*	
		For 8' High Door, Add	*369.03*	
		For 10' High Door, Add	*802.24*	
		For 1" Insulated Glazing, Add	*164.44*	
08 42 13 00-0007	EA	3'-6" x 7' x 1-3/4" Wide Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors Note: Including Glazing, Trim And Hardware	4,631.47	919.86
		For Bronze Finish, Add	*360.87*	
		For Black Finish, Add	*1,036.43*	
		For 8' High Door, Add	*373.87*	
		For 10' High Door, Add	*812.76*	
		For 1" Insulated Glazing, Add	*164.44*	
08 42 13 00-0008	PR	6' x 7' x 1-3/4" Wide Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors Note: Including Glazing, Trim And Hardware	7,499.40	1,255.31
		For Bronze Finish, Add	*623.90*	
		For Black Finish, Add	*1,791.90*	
		For 8' High Door, Add	*646.39*	
		For 10' High Door, Add	*1,405.19*	
		For 1" Insulated Glazing, Add	*328.89*	
08 42 13 00-0009	PR	7' x 7' x 1-3/4" Wide Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors Note: Including Glazing, Trim And Hardware	8,558.15	1,367.87
		For Bronze Finish, Add	*721.51*	
		For Black Finish, Add	*2,072.22*	
		For 8' High Door, Add	*747.51*	
		For 10' High Door, Add	*1,625.02*	
		For 1" Insulated Glazing, Add	*328.89*	

08 42 29 Automatic Entrances *(08 42)*

08 42 29 33 Swinging Automatic Entrances *(08 42 29)*

Note: Excludes glazing.

08 42 29 33-0001 Swing Door Operators, Up To 350 Lb. Panel Weight *(08 42 29 33)*

Note: Includes electro-mechanical swinging door operator and electrical controls, aluminum header, connecting hardware, actuating controls, and on/off/hold open switch. Excludes activation device, doors, and power connection. Stanley Magic Force or equal.

08 42 29 33-0002	EA	Concealed Single Door Swing Door Operator, Up To 350 Lb. Panel Note: For new storefront or existing concealed operator installations.	4,719.36	654.80
08 42 29 33-0003	EA	Concealed Pair Of Doors Swing Door Operator, Up To 350 Lb. Panel Note: For new storefront or existing concealed operator installations.	8,129.90	873.12
08 42 29 33-0004	EA	Exposed Single Door Swing Door Operator, Up To 350 Lb. Panel	3,925.40	523.84
08 42 29 33-0005	EA	Exposed Pair Of Doors Swing Door Operator, Up To 350 Lb. Panel	7,064.35	785.77

08 42 29 33-0006 Activation Devices For Door Operators *(08 42 29 33)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 29 33-0007	EA	Overhead Active Infrared Presence Detector For Door Operators (MS Sedco DH97) Note: Includes wiring harness and relays.	457.55	52.39
08 42 29 33-0008	EA	On Door Active Infrared Presence Detector For Door Operator (Stanley Sentrex RS) Note: Includes wiring harness and relays.	407.54	52.39
08 42 29 33-0009	EA	Microwave Motion Sensor For Door Operator (MS Sedco D38) Note: Includes wiring harness and relays.	411.53	52.39
08 42 29 33-0010	EA	4" x 4", Americans With Disabilities Act Compliant Push Button For Door Operator (MS Sedco 59-H) Note: Excludes wiring from operator to push plate.	216.04	52.39
08 42 29 33-0011	EA	1-1/2" x 4", Americans With Disabilities Act Compliant Push Button For Door Operator (MS Sedco 59J-H) Note: Excludes wiring from operator to push button.	232.20	52.39
08 42 29 33-0012	EA	1-11/16" x 4-1/2", Jamb Mounted Push Button For Door Operator (MS Sedco 425) Note: Excludes wiring from operator to push button.	148.69	52.39
08 42 29 33-0013	EA	Radio Control System For Door Operator (MS Sedco Clearpath) Note: Includes receiver and two push plate transmitters.	728.79	130.96
		For Single Transmitter (Includes Receiver, One Push Plate Transmitter, And One Jamb Mounted Push Button), Deduct	*-64.00*	
08 42 29 33-0014	EA	Combination Digital Camera/Motion Detector For Door Operators (Stanley StanVision) Note: Includes wiring harness and relays.	975.77	65.48
08 42 29 33-0015	EA	Guard Rail For Door With Operator	277.01	65.48

08 44 Curtain Wall and Glazed Assemblies *(08 40)*

08 44 13 Glazed Aluminum Curtain Walls *(08 44)*

08 44 13 00-0001 Curtain Walls *(08 44 13)*

08 44 13 00-0002 Coping Sections *(08 44 13 00-0001)*

08 44 13 00-0003	LF	Curtain Wall, 1/8" x 8" Coping Section Shaped (3") Aluminum System Framing Section	78.95	3.76
		For Bronze Anodized Aluminum, Add	*8.54*	
		For Stainless Steel, Add	*35.26*	
		For Black Anodized Finish, Add	*15.37*	
08 44 13 00-0004	LF	Curtain Wall, 1/8" x 9" Coping Section Shaped (4") Aluminum System Framing Section	81.99	3.76
		For Bronze Anodized Aluminum, Add	*9.00*	
		For Stainless Steel, Add	*37.08*	
		For Black Anodized Finish, Add	*16.19*	
08 44 13 00-0005	LF	Curtain Wall, 1/8" x 12-1/2" Coping Section Shaped (5-1/2") Aluminum Framing Section	98.60	5.02
		For Bronze Anodized Aluminum, Add	*10.68*	
		For Stainless Steel, Add	*44.07*	
		For Black Anodized Finish, Add	*19.22*	

08 44 13 00-0006 Sill Section *(08 44 13 00-0001)*

08 44 13 00-0007	LF	Aluminum Curtain Wall, 1/8" x 6" Sill Section Shaped Aluminum System Framing Section	61.16	2.51
		For Bronze Anodized Aluminum, Add	*6.85*	
		For Stainless Steel, Add	*28.18*	
		For Black Anodized Finish, Add	*12.33*	
08 44 13 00-0008	LF	Aluminum Curtain Wall, 1/8" x 7" Sill Section Shaped Aluminum System Framing Section	66.04	2.51
		For Bronze Anodized Aluminum, Add	*7.58*	
		For Stainless Steel, Add	*31.10*	
		For Black Anodized Finish, Add	*13.65*	
08 44 13 00-0009	LF	Aluminum Curtain Wall, 1/8" x 8-1/2" Sill Section Shaped Aluminum System Framing Section	70.98	2.51
		For Bronze Anodized Aluminum, Add	*8.32*	
		For Stainless Steel, Add	*34.07*	
		For Black Anodized Finish, Add	*14.98*	

08 44 13 00-0010 Aluminum Column Covers *(08 44 13 00-0001)*

Note: Includes all clips and fasteners.

08 44 13 00-0011	LF	Aluminum Column Covers, 1/8" x 26", Shaped	159.71	6.27
		For Bronze Anodized Aluminum, Add	*18.65*	
		For Stainless Steel, Add	*76.38*	
		For Black Anodized Finish, Add	*33.58*	
08 44 13 00-0012	LF	Aluminum Column Covers, 1/8" x 34", Shaped	196.24	6.27
		For Bronze Anodized Aluminum, Add	*23.82*	
		For Stainless Steel, Add	*97.14*	
		For Black Anodized Finish, Add	*42.87*	
08 44 13 00-0013	LF	Aluminum Column Covers, 1/8" x 38", Shaped	210.32	6.27
		For Bronze Anodized Aluminum, Add	*25.93*	
		For Stainless Steel, Add	*105.59*	
		For Black Anodized Finish, Add	*46.67*	

08 44 13 00-0014 Spandrel Covers *(08 44 13 00-0001)*

Note: Where exterior facing only is described in the following the interior face will be tempered hardboard (to be painted).

08 44 13 00-0015	SF	1" Spandrel Cover, Aluminum Both Faces	64.49	2.51
		For Bronze Anodized Aluminum, Add	*8.09*	
		For Stainless Steel, Add	*32.89*	
		For Black Anodized Finish, Add	*14.56*	
08 44 13 00-0016	SF	1" Spandrel Cover, Aluminum Exterior Face	56.48	2.51
		For Bronze Anodized Aluminum, Add	*6.89*	
		For Stainless Steel, Add	*28.09*	
		For Black Anodized Finish, Add	*12.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 44 13 00-0017	SF	1" Spandrel Cover, Epoxy Both Faces	122.75	2.51
		For Bronze Anodized Aluminum, Add	*16.83*	
		For Stainless Steel, Add	*67.85*	
		For Black Anodized Finish, Add	*30.29*	
08 44 13 00-0018	SF	1" Spandrel Cover, Epoxy Exterior Face Only	100.18	2.51
		For Bronze Anodized Aluminum, Add	*13.44*	
		For Stainless Steel, Add	*54.31*	
		For Black Anodized Finish, Add	*24.20*	
08 44 13 00-0019	SF	2" Spandrel Cover, Aluminum Both Faces	72.45	2.51
		For Bronze Anodized Aluminum, Add	*8.88*	
		For Stainless Steel, Add	*36.17*	
		For Black Anodized Finish, Add	*15.98*	
08 44 13 00-0020	SF	2" Spandrel Cover, Aluminum Exterior Face	64.87	2.51
		For Bronze Anodized Aluminum, Add	*7.74*	
		For Stainless Steel, Add	*31.62*	
		For Black Anodized Finish, Add	*13.93*	
08 44 13 00-0021	SF	2" Spandrel Cover, Epoxy Both Faces	140.26	2.51
		For Bronze Anodized Aluminum, Add	*19.05*	
		For Stainless Steel, Add	*76.85*	
		For Black Anodized Finish, Add	*34.28*	
08 44 13 00-0022	SF	2" Spandrel Cover, Epoxy Exterior Face Only	114.22	2.51
		For Bronze Anodized Aluminum, Add	*15.14*	
		For Stainless Steel, Add	*61.23*	
		For Black Anodized Finish, Add	*27.25*	

08 44 13 00-0023 Curtain Wall, Aluminum System Framing Sections *(08 44 13 00-0001)*

Note: The prices are based on stock shapes of anodized aluminum, plain color and of 0.125" thickness.

08 44 13 00-0024	LF	Aluminum System Curtain Wall, 1-1/2" x 3" Jamb Aluminum Framed Window Walls	87.40	2.51
		For Bronze Anodized Aluminum, Add	*11.62*	
		For Stainless Steel, Add	*46.96*	
		For Black Anodized Finish, Add	*20.91*	
08 44 13 00-0025	LF	Aluminum System Curtain Wall, 1-1/2" x 3" Head Aluminum Framed Window Walls	87.20	2.51
		For Bronze Anodized Aluminum, Add	*11.62*	
		For Stainless Steel, Add	*46.95*	
		For Black Anodized Finish, Add	*20.91*	
08 44 13 00-0026	LF	Aluminum System Curtain Wall, 1-1/2" x 3" Mullion Aluminum Framed Window Walls	87.20	2.51
		For Bronze Anodized Aluminum, Add	*11.62*	
		For Stainless Steel, Add	*46.95*	
		For Black Anodized Finish, Add	*20.91*	
		For Corner Mullion, Add	*20.82*	
08 44 13 00-0027	LF	Aluminum System Curtain Wall, 2" x 4" Jamb Aluminum Framed Window Walls	107.59	5.02
		For Bronze Anodized Aluminum, Add	*13.88*	
		For Stainless Steel, Add	*56.27*	
		For Black Anodized Finish, Add	*24.98*	
08 44 13 00-0028	LF	Aluminum System Curtain Wall, 2" x 4" Horizontal Aluminum Framed Window Walls	107.59	5.02
		For Bronze Anodized Aluminum, Add	*13.88*	
		For Stainless Steel, Add	*56.27*	
		For Black Anodized Finish, Add	*24.98*	
08 44 13 00-0029	LF	Aluminum System Curtain Wall, 2" x 4" Mullion Aluminum Framed Window Walls	107.59	5.02
		For Bronze Anodized Aluminum, Add	*13.88*	
		For Stainless Steel, Add	*56.27*	
		For Black Anodized Finish, Add	*24.98*	
		For Corner Mullion, Add	*25.39*	
08 44 13 00-0030	LF	Aluminum System Curtain Wall, 2" x 6" Jamb Aluminum Framed Window Walls	118.14	5.53
		For Bronze Anodized Aluminum, Add	*15.21*	
		For Stainless Steel, Add	*61.68*	
		For Black Anodized Finish, Add	*27.38*	
08 44 13 00-0031	LF	Aluminum System Curtain Wall, 2" x 6" Horizontal Aluminum Framed Window Walls	118.14	5.53
		For Bronze Anodized Aluminum, Add	*15.21*	
		For Stainless Steel, Add	*61.68*	
		For Black Anodized Finish, Add	*27.38*	
08 44 13 00-0032	LF	Aluminum System Curtain Wall, 2" x 6" Mullion Aluminum Framed Window Walls	118.14	5.53
		For Bronze Anodized Aluminum, Add	*15.21*	
		For Stainless Steel, Add	*61.68*	
		For Black Anodized Finish, Add	*27.38*	
		For Corner Mullion, Add	*27.86*	
08 44 13 00-0033	LF	Aluminum System Curtain Wall, 3" x 5-1/2" Jamb Aluminum Framed Window Walls	128.93	6.27
		For Bronze Anodized Aluminum, Add	*16.55*	
		For Stainless Steel, Add	*67.13*	
		For Black Anodized Finish, Add	*29.79*	
08 44 13 00-0034	LF	Aluminum System Curtain Wall, 3" x 5-1/2" Horizontal Aluminum Framed Window Walls	128.93	6.27
		For Bronze Anodized Aluminum, Add	*16.55*	
		For Stainless Steel, Add	*67.13*	
		For Black Anodized Finish, Add	*29.79*	
08 44 13 00-0035	LF	Aluminum System Curtain Wall, 3" x 5-1/2" Mullion Aluminum Framed Window Walls	128.93	6.27
		For Bronze Anodized Aluminum, Add	*16.55*	
		For Stainless Steel, Add	*67.13*	
		For Black Anodized Finish, Add	*29.79*	
		For Corner Mullion, Add	*30.37*	
08 44 13 00-0036	LF	Aluminum System Curtain Wall, 3" x 6-3/4" Jamb Aluminum Framed Window Walls	144.73	6.77
		For Bronze Anodized Aluminum, Add	*18.67*	
		For Stainless Steel, Add	*75.68*	
		For Black Anodized Finish, Add	*33.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 44 13 00-0037	LF	Aluminum System Curtain Wall, 3" x 6-3/4" Horizontal Aluminum Framed Window Walls	144.73	6.77
		For Bronze Anodized Aluminum, Add	*18.67*	
		For Stainless Steel, Add	*75.68*	
		For Black Anodized Finish, Add	*33.60*	
08 44 13 00-0038	LF	Aluminum System Curtain Wall, 3" x 6-3/4" Mullion Aluminum Framed Window Walls	144.73	6.77
		For Bronze Anodized Aluminum, Add	*18.67*	
		For Stainless Steel, Add	*75.68*	
		For Black Anodized Finish, Add	*33.60*	
		For Corner Mullion, Add	*34.15*	
08 44 13 00-0039	LF	Aluminum System Curtain Wall, 3" x 8-3/4" Jamb Aluminum Framed Window Walls	166.15	7.53
		For Bronze Anodized Aluminum, Add	*21.43*	
		For Stainless Steel, Add	*86.89*	
		For Black Anodized Finish, Add	*38.57*	
08 44 13 00-0040	LF	Aluminum System Curtain Wall, 3" x 8-3/4" Horizontal Aluminum Framed Window Walls	166.15	7.53
		For Bronze Anodized Aluminum, Add	*21.43*	
		For Stainless Steel, Add	*86.89*	
		For Black Anodized Finish, Add	*38.57*	
08 44 13 00-0041	LF	Aluminum System Curtain Wall, 3" x 8-3/4" Mullion Aluminum Framed Window Walls	166.15	7.53
		For Bronze Anodized Aluminum, Add	*21.43*	
		For Stainless Steel, Add	*86.89*	
		For Black Anodized Finish, Add	*38.57*	
		For Corner Mullion, Add	*39.21*	

08 45 Translucent Wall and Roof Assemblies *(08 40)*

08 45 23 Fiberglass-Sandwich-Panel Assemblies *(08 45)*

08 45 23 00-0001 Translucent Fiberglass Sandwich-Panels 2-3/4" Thick *(08 45 23)*

08 45 23 00-0002	SF	<5,000 SF Translucent Fiberglass Sandwich-Panel 2-3/4" Thick, Metal Framed	139.51	6.58
		For Aluminum Frame, Add	*12.96*	
08 45 23 00-0003	SF	>5,000 SF Translucent Fiberglass Sandwich-Panel 2-3/4" Thick, Metal Framed	127.82	5.60
		For Aluminum Frame, Add	*11.94*	

08 50 Windows *(08)*

Note: Includes hardware, caulk, sealant and mounting anchors. Operable windows include weather stripping. Demolition includes removal of frame, glass and insect screens.

08 52 Wood Windows *(08 50)*

08 52 11 Wood Windows *(08 52)*

08 52 11 00-0001 Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11)*

Note: Includes demo of the existing sashes and jamb liners. Includes two sashes, jamb liners, insulated glass and all hardware needed for installation. Includes primed pine wood interior and exterior. Excludes window frame, trim, insect screens and grilles.

08 52 11 00-0002 30" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*

08 52 11 00-0003	EA	20" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	350.22	
		For Low-E Insulated Glass, Add	*29.63*	
		For Aluminum Clad Exterior, Add	*31.75*	
08 52 11 00-0004	EA	24" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	371.89	
		For Low-E Insulated Glass, Add	*31.76*	
		For Aluminum Clad Exterior, Add	*34.03*	
08 52 11 00-0005	EA	28" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	395.08	
		For Low-E Insulated Glass, Add	*34.11*	
		For Aluminum Clad Exterior, Add	*36.54*	
08 52 11 00-0006	EA	30" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	407.44	
		For Low-E Insulated Glass, Add	*35.39*	
		For Aluminum Clad Exterior, Add	*37.91*	
08 52 11 00-0007	EA	32" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	418.27	
		For Low-E Insulated Glass, Add	*36.45*	
		For Aluminum Clad Exterior, Add	*39.06*	
08 52 11 00-0008	EA	34" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	432.16	
		For Low-E Insulated Glass, Add	*37.94*	
		For Aluminum Clad Exterior, Add	*40.65*	
08 52 11 00-0009	EA	36" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	438.47	
		For Low-E Insulated Glass, Add	*38.38*	
		For Aluminum Clad Exterior, Add	*41.12*	
08 52 11 00-0010	EA	40" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	466.19	
		For Low-E Insulated Glass, Add	*41.35*	
		For Aluminum Clad Exterior, Add	*44.31*	
08 52 11 00-0011	EA	44" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	489.38	
		For Low-E Insulated Glass, Add	*43.70*	
		For Aluminum Clad Exterior, Add	*46.82*	

08 52 11 00-0012 34" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*

08 52 11 00-0013	EA	20" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	371.89	
		For Low-E Insulated Glass, Add	*31.76*	
		For Aluminum Clad Exterior, Add	*34.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0014	EA	24" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	395.08	
		For Low-E Insulated Glass, Add	*34.11*	
		For Aluminum Clad Exterior, Add	*36.54*	
08 52 11 00-0015	EA	28" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	415.05	
		For Low-E Insulated Glass, Add	*36.45*	
		For Aluminum Clad Exterior, Add	*39.06*	
08 52 11 00-0016	EA	30" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	432.16	
		For Low-E Insulated Glass, Add	*37.94*	
		For Aluminum Clad Exterior, Add	*40.65*	
08 52 11 00-0017	EA	32" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	442.99	
		For Low-E Insulated Glass, Add	*39.01*	
		For Aluminum Clad Exterior, Add	*41.80*	
08 52 11 00-0018	EA	34" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	455.36	
		For Low-E Insulated Glass, Add	*40.29*	
		For Aluminum Clad Exterior, Add	*43.17*	
08 52 11 00-0019	EA	36" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	466.19	
		For Low-E Insulated Glass, Add	*41.35*	
		For Aluminum Clad Exterior, Add	*44.31*	
08 52 11 00-0020	EA	40" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	489.38	
		For Low-E Insulated Glass, Add	*43.70*	
		For Aluminum Clad Exterior, Add	*46.82*	
08 52 11 00-0021	EA	44" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	512.58	
		For Low-E Insulated Glass, Add	*46.04*	
		For Aluminum Clad Exterior, Add	*49.33*	

08 52 11 00-0022 36" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0023	EA	20" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	382.64	
		For Low-E Insulated Glass, Add	*33.04*	
		For Aluminum Clad Exterior, Add	*35.40*	
08 52 11 00-0024	EA	24" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	405.83	
		For Low-E Insulated Glass, Add	*35.39*	
		For Aluminum Clad Exterior, Add	*37.91*	
08 52 11 00-0025	EA	28" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	430.55	
		For Low-E Insulated Glass, Add	*37.94*	
		For Aluminum Clad Exterior, Add	*40.65*	
08 52 11 00-0026	EA	30" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	441.38	
		For Low-E Insulated Glass, Add	*39.01*	
		For Aluminum Clad Exterior, Add	*41.80*	
08 52 11 00-0027	EA	32" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	453.74	
		For Low-E Insulated Glass, Add	*40.29*	
		For Aluminum Clad Exterior, Add	*43.17*	
08 52 11 00-0028	EA	34" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	464.58	
		For Low-E Insulated Glass, Add	*41.35*	
		For Aluminum Clad Exterior, Add	*44.31*	
08 52 11 00-0029	EA	36" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	476.93	
		For Low-E Insulated Glass, Add	*42.63*	
		For Aluminum Clad Exterior, Add	*45.68*	
08 52 11 00-0030	EA	40" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	498.60	
		For Low-E Insulated Glass, Add	*44.77*	
		For Aluminum Clad Exterior, Add	*47.96*	
08 52 11 00-0031	EA	44" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	521.80	
		For Low-E Insulated Glass, Add	*47.11*	
		For Aluminum Clad Exterior, Add	*50.48*	

08 52 11 00-0032 38" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0033	EA	20" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	396.69	
		For Low-E Insulated Glass, Add	*34.11*	
		For Aluminum Clad Exterior, Add	*36.54*	
08 52 11 00-0034	EA	24" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	419.89	
		For Low-E Insulated Glass, Add	*36.45*	
		For Aluminum Clad Exterior, Add	*39.06*	
08 52 11 00-0035	EA	28" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	444.60	
		For Low-E Insulated Glass, Add	*39.01*	
		For Aluminum Clad Exterior, Add	*41.80*	
08 52 11 00-0036	EA	30" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	456.97	
		For Low-E Insulated Glass, Add	*40.29*	
		For Aluminum Clad Exterior, Add	*43.17*	
08 52 11 00-0037	EA	32" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	467.80	
		For Low-E Insulated Glass, Add	*41.35*	
		For Aluminum Clad Exterior, Add	*44.31*	
08 52 11 00-0038	EA	34" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	480.15	
		For Low-E Insulated Glass, Add	*42.63*	
		For Aluminum Clad Exterior, Add	*45.68*	
08 52 11 00-0039	EA	36" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	490.99	
		For Low-E Insulated Glass, Add	*43.70*	
		For Aluminum Clad Exterior, Add	*46.82*	
08 52 11 00-0040	EA	40" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	514.19	
		For Low-E Insulated Glass, Add	*46.04*	
		For Aluminum Clad Exterior, Add	*49.33*	
08 52 11 00-0041	EA	44" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	537.38	
		For Low-E Insulated Glass, Add	*48.39*	
		For Aluminum Clad Exterior, Add	*51.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0042		**46" Height, Sash-Only Replacement Kits For Double Hung Wood Windows** *(08 52 11 00-0001)*		
08 52 11 00-0043	EA	20" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	442.99	
		For Low-E Insulated Glass, Add	*39.01*	
		For Aluminum Clad Exterior, Add	*41.80*	
08 52 11 00-0044	EA	24" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	466.19	
		For Low-E Insulated Glass, Add	*41.35*	
		For Aluminum Clad Exterior, Add	*44.31*	
08 52 11 00-0045	EA	28" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	489.38	
		For Low-E Insulated Glass, Add	*43.70*	
		For Aluminum Clad Exterior, Add	*46.82*	
08 52 11 00-0046	EA	30" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	500.22	
		For Low-E Insulated Glass, Add	*44.77*	
		For Aluminum Clad Exterior, Add	*47.96*	
08 52 11 00-0047	EA	32" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	512.58	
		For Low-E Insulated Glass, Add	*46.04*	
		For Aluminum Clad Exterior, Add	*49.33*	
08 52 11 00-0048	EA	34" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	523.41	
		For Low-E Insulated Glass, Add	*47.11*	
		For Aluminum Clad Exterior, Add	*50.48*	
08 52 11 00-0049	EA	36" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	535.77	
		For Low-E Insulated Glass, Add	*48.39*	
		For Aluminum Clad Exterior, Add	*51.85*	
08 52 11 00-0050	EA	40" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	558.96	
		For Low-E Insulated Glass, Add	*50.73*	
		For Aluminum Clad Exterior, Add	*54.36*	
08 52 11 00-0051	EA	44" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	583.69	
		For Low-E Insulated Glass, Add	*53.29*	
		For Aluminum Clad Exterior, Add	*57.10*	
08 52 11 00-0052		**48" Height, Sash-Only Replacement Kits For Double Hung Wood Windows** *(08 52 11 00-0001)*		
08 52 11 00-0053	EA	20" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	453.74	
		For Low-E Insulated Glass, Add	*40.29*	
		For Aluminum Clad Exterior, Add	*43.17*	
08 52 11 00-0054	EA	24" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	476.93	
		For Low-E Insulated Glass, Add	*42.63*	
		For Aluminum Clad Exterior, Add	*45.68*	
08 52 11 00-0055	EA	28" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	498.60	
		For Low-E Insulated Glass, Add	*44.77*	
		For Aluminum Clad Exterior, Add	*47.96*	
08 52 11 00-0056	EA	30" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	510.97	
		For Low-E Insulated Glass, Add	*46.04*	
		For Aluminum Clad Exterior, Add	*49.33*	
08 52 11 00-0057	EA	32" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	521.80	
		For Low-E Insulated Glass, Add	*47.11*	
		For Aluminum Clad Exterior, Add	*50.48*	
08 52 11 00-0058	EA	34" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	534.16	
		For Low-E Insulated Glass, Add	*48.39*	
		For Aluminum Clad Exterior, Add	*51.85*	
08 52 11 00-0059	EA	36" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	544.99	
		For Low-E Insulated Glass, Add	*49.46*	
		For Aluminum Clad Exterior, Add	*52.99*	
08 52 11 00-0060	EA	40" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	569.71	
		For Low-E Insulated Glass, Add	*52.01*	
		For Aluminum Clad Exterior, Add	*55.73*	
08 52 11 00-0061	EA	44" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	592.91	
		For Low-E Insulated Glass, Add	*54.36*	
		For Aluminum Clad Exterior, Add	*58.24*	
08 52 11 00-0062		**50" Height, Sash-Only Replacement Kits For Double Hung Wood Windows** *(08 52 11 00-0001)*		
08 52 11 00-0063	EA	20" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	467.80	
		For Low-E Insulated Glass, Add	*41.35*	
		For Aluminum Clad Exterior, Add	*44.31*	
08 52 11 00-0064	EA	24" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	490.99	
		For Low-E Insulated Glass, Add	*43.70*	
		For Aluminum Clad Exterior, Add	*46.82*	
08 52 11 00-0065	EA	28" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	514.19	
		For Low-E Insulated Glass, Add	*46.04*	
		For Aluminum Clad Exterior, Add	*49.33*	
08 52 11 00-0066	EA	30" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	525.02	
		For Low-E Insulated Glass, Add	*47.11*	
		For Aluminum Clad Exterior, Add	*50.48*	
08 52 11 00-0067	EA	32" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	537.38	
		For Low-E Insulated Glass, Add	*48.39*	
		For Aluminum Clad Exterior, Add	*51.85*	
08 52 11 00-0068	EA	34" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	548.21	
		For Low-E Insulated Glass, Add	*49.46*	
		For Aluminum Clad Exterior, Add	*52.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0069	EA	36" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	560.57	
		For Low-E Insulated Glass, Add	*50.73*	
		For Aluminum Clad Exterior, Add	*54.36*	
08 52 11 00-0070	EA	40" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	585.30	
		For Low-E Insulated Glass, Add	*53.29*	
		For Aluminum Clad Exterior, Add	*57.10*	
08 52 11 00-0071	EA	44" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	608.48	
		For Low-E Insulated Glass, Add	*55.64*	
		For Aluminum Clad Exterior, Add	*59.61*	
08 52 11 00-0072		54" Height, Sash-Only Replacement Kits For Double Hung Wood Windows		
		(08 52 11 00-0001)		
08 52 11 00-0073	EA	20" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	490.99	
		For Low-E Insulated Glass, Add	*43.70*	
		For Aluminum Clad Exterior, Add	*46.82*	
08 52 11 00-0074	EA	24" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	514.19	
		For Low-E Insulated Glass, Add	*46.04*	
		For Aluminum Clad Exterior, Add	*49.33*	
08 52 11 00-0075	EA	28" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	537.38	
		For Low-E Insulated Glass, Add	*48.39*	
		For Aluminum Clad Exterior, Add	*51.85*	
08 52 11 00-0076	EA	30" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	548.21	
		For Low-E Insulated Glass, Add	*49.46*	
		For Aluminum Clad Exterior, Add	*52.99*	
08 52 11 00-0077	EA	32" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	560.57	
		For Low-E Insulated Glass, Add	*50.73*	
		For Aluminum Clad Exterior, Add	*54.36*	
08 52 11 00-0078	EA	34" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	572.94	
		For Low-E Insulated Glass, Add	*52.01*	
		For Aluminum Clad Exterior, Add	*55.73*	
08 52 11 00-0079	EA	36" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	585.30	
		For Low-E Insulated Glass, Add	*53.29*	
		For Aluminum Clad Exterior, Add	*57.10*	
08 52 11 00-0080	EA	40" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	608.48	
		For Low-E Insulated Glass, Add	*55.64*	
		For Aluminum Clad Exterior, Add	*59.61*	
08 52 11 00-0081	EA	44" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	631.67	
		For Low-E Insulated Glass, Add	*57.98*	
		For Aluminum Clad Exterior, Add	*62.12*	
08 52 11 00-0082		58" Height, Sash-Only Replacement Kits For Double Hung Wood Windows		
		(08 52 11 00-0001)		
08 52 11 00-0083	EA	20" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	512.58	
		For Low-E Insulated Glass, Add	*46.04*	
		For Aluminum Clad Exterior, Add	*49.33*	
08 52 11 00-0084	EA	24" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	535.77	
		For Low-E Insulated Glass, Add	*48.39*	
		For Aluminum Clad Exterior, Add	*51.85*	
08 52 11 00-0085	EA	28" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	558.96	
		For Low-E Insulated Glass, Add	*50.73*	
		For Aluminum Clad Exterior, Add	*54.36*	
08 52 11 00-0086	EA	30" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	571.32	
		For Low-E Insulated Glass, Add	*52.01*	
		For Aluminum Clad Exterior, Add	*55.73*	
08 52 11 00-0087	EA	32" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	583.69	
		For Low-E Insulated Glass, Add	*53.29*	
		For Aluminum Clad Exterior, Add	*57.10*	
08 52 11 00-0088	EA	34" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	594.52	
		For Low-E Insulated Glass, Add	*54.36*	
		For Aluminum Clad Exterior, Add	*58.24*	
08 52 11 00-0089	EA	36" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	606.87	
		For Low-E Insulated Glass, Add	*55.64*	
		For Aluminum Clad Exterior, Add	*59.61*	
08 52 11 00-0090	EA	40" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	630.06	
		For Low-E Insulated Glass, Add	*57.98*	
		For Aluminum Clad Exterior, Add	*62.12*	
08 52 11 00-0091	EA	44" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	651.74	
		For Low-E Insulated Glass, Add	*60.11*	
		For Aluminum Clad Exterior, Add	*64.41*	
08 52 11 00-0092		60" Height, Sash-Only Replacement Kits For Double Hung Wood Windows		
		(08 52 11 00-0001)		
08 52 11 00-0093	EA	20" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	521.80	
		For Low-E Insulated Glass, Add	*47.11*	
		For Aluminum Clad Exterior, Add	*50.48*	
08 52 11 00-0094	EA	24" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	544.99	
		For Low-E Insulated Glass, Add	*49.46*	
		For Aluminum Clad Exterior, Add	*52.99*	
08 52 11 00-0095	EA	28" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	569.71	
		For Low-E Insulated Glass, Add	*52.01*	
		For Aluminum Clad Exterior, Add	*55.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0096	EA	30" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	582.08	
		For Low-E Insulated Glass, Add	*53.29*	
		For Aluminum Clad Exterior, Add	*57.10*	
08 52 11 00-0097	EA	32" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	592.91	
		For Low-E Insulated Glass, Add	*54.36*	
		For Aluminum Clad Exterior, Add	*58.24*	
08 52 11 00-0098	EA	34" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	605.26	
		For Low-E Insulated Glass, Add	*55.64*	
		For Aluminum Clad Exterior, Add	*59.61*	
08 52 11 00-0099	EA	36" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	616.10	
		For Low-E Insulated Glass, Add	*56.70*	
		For Aluminum Clad Exterior, Add	*60.75*	
08 52 11 00-0100	EA	40" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	639.29	
		For Low-E Insulated Glass, Add	*59.05*	
		For Aluminum Clad Exterior, Add	*63.27*	
08 52 11 00-0101	EA	44" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	662.48	
		For Low-E Insulated Glass, Add	*61.39*	
		For Aluminum Clad Exterior, Add	*65.78*	
08 52 11 00-0102		62" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0103	EA	20" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	537.38	
		For Low-E Insulated Glass, Add	*48.39*	
		For Aluminum Clad Exterior, Add	*51.85*	
08 52 11 00-0104	EA	24" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	560.57	
		For Low-E Insulated Glass, Add	*50.73*	
		For Aluminum Clad Exterior, Add	*54.36*	
08 52 11 00-0105	EA	28" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	585.30	
		For Low-E Insulated Glass, Add	*53.29*	
		For Aluminum Clad Exterior, Add	*57.10*	
08 52 11 00-0106	EA	30" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	596.13	
		For Low-E Insulated Glass, Add	*54.36*	
		For Aluminum Clad Exterior, Add	*58.24*	
08 52 11 00-0107	EA	32" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	608.48	
		For Low-E Insulated Glass, Add	*55.64*	
		For Aluminum Clad Exterior, Add	*59.61*	
08 52 11 00-0108	EA	34" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	619.32	
		For Low-E Insulated Glass, Add	*56.70*	
		For Aluminum Clad Exterior, Add	*60.75*	
08 52 11 00-0109	EA	36" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	631.67	
		For Low-E Insulated Glass, Add	*57.98*	
		For Aluminum Clad Exterior, Add	*62.12*	
08 52 11 00-0110	EA	40" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	653.35	
		For Low-E Insulated Glass, Add	*60.11*	
		For Aluminum Clad Exterior, Add	*64.41*	
08 52 11 00-0111	EA	44" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	676.55	
		For Low-E Insulated Glass, Add	*62.46*	
		For Aluminum Clad Exterior, Add	*66.92*	
08 52 11 00-0112		66" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0113	EA	20" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	560.57	
		For Low-E Insulated Glass, Add	*50.73*	
		For Aluminum Clad Exterior, Add	*54.36*	
08 52 11 00-0114	EA	24" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	585.30	
		For Low-E Insulated Glass, Add	*53.29*	
		For Aluminum Clad Exterior, Add	*57.10*	
08 52 11 00-0115	EA	28" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	608.48	
		For Low-E Insulated Glass, Add	*55.64*	
		For Aluminum Clad Exterior, Add	*59.61*	
08 52 11 00-0116	EA	30" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	619.32	
		For Low-E Insulated Glass, Add	*56.70*	
		For Aluminum Clad Exterior, Add	*60.75*	
08 52 11 00-0117	EA	32" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	631.67	
		For Low-E Insulated Glass, Add	*57.98*	
		For Aluminum Clad Exterior, Add	*62.12*	
08 52 11 00-0118	EA	34" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	642.51	
		For Low-E Insulated Glass, Add	*59.05*	
		For Aluminum Clad Exterior, Add	*63.27*	
08 52 11 00-0119	EA	36" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	653.35	
		For Low-E Insulated Glass, Add	*60.11*	
		For Aluminum Clad Exterior, Add	*64.41*	
08 52 11 00-0120	EA	40" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	676.55	
		For Low-E Insulated Glass, Add	*62.46*	
		For Aluminum Clad Exterior, Add	*66.92*	
08 52 11 00-0121	EA	44" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	699.74	
		For Low-E Insulated Glass, Add	*64.80*	
		For Aluminum Clad Exterior, Add	*69.43*	
08 52 11 00-0122		70" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0123	EA	20" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	583.69	
		For Low-E Insulated Glass, Add	*53.29*	
		For Aluminum Clad Exterior, Add	*57.10*	
08 52 11 00-0124	EA	24" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	606.87	
		For Low-E Insulated Glass, Add	*55.64*	
		For Aluminum Clad Exterior, Add	*59.61*	
08 52 11 00-0125	EA	28" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	630.06	
		For Low-E Insulated Glass, Add	*57.98*	
		For Aluminum Clad Exterior, Add	*62.12*	
08 52 11 00-0126	EA	30" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	640.90	
		For Low-E Insulated Glass, Add	*59.05*	
		For Aluminum Clad Exterior, Add	*63.27*	
08 52 11 00-0127	EA	32" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	651.74	
		For Low-E Insulated Glass, Add	*60.11*	
		For Aluminum Clad Exterior, Add	*64.41*	
08 52 11 00-0128	EA	34" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	668.61	
		For Low-E Insulated Glass, Add	*62.02*	
		For Aluminum Clad Exterior, Add	*66.45*	
08 52 11 00-0129	EA	36" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	676.53	
		For Low-E Insulated Glass, Add	*62.68*	
		For Aluminum Clad Exterior, Add	*67.16*	
08 52 11 00-0130	EA	40" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	698.13	
		For Low-E Insulated Glass, Add	*64.80*	
		For Aluminum Clad Exterior, Add	*69.43*	
08 52 11 00-0131	EA	44" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	722.84	
		For Low-E Insulated Glass, Add	*67.36*	
		For Aluminum Clad Exterior, Add	*72.17*	

08 52 11 00-0132 74" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0133	EA	20" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	608.48	
		For Low-E Insulated Glass, Add	*55.64*	
		For Aluminum Clad Exterior, Add	*59.61*	
08 52 11 00-0134	EA	24" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	631.67	
		For Low-E Insulated Glass, Add	*57.98*	
		For Aluminum Clad Exterior, Add	*62.12*	
08 52 11 00-0135	EA	28" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	653.35	
		For Low-E Insulated Glass, Add	*60.11*	
		For Aluminum Clad Exterior, Add	*64.41*	
08 52 11 00-0136	EA	30" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	665.71	
		For Low-E Insulated Glass, Add	*61.39*	
		For Aluminum Clad Exterior, Add	*65.78*	
08 52 11 00-0137	EA	32" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	676.55	
		For Low-E Insulated Glass, Add	*62.46*	
		For Aluminum Clad Exterior, Add	*66.92*	
08 52 11 00-0138	EA	34" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	688.90	
		For Low-E Insulated Glass, Add	*63.74*	
		For Aluminum Clad Exterior, Add	*68.29*	
08 52 11 00-0139	EA	36" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	699.74	
		For Low-E Insulated Glass, Add	*64.80*	
		For Aluminum Clad Exterior, Add	*69.43*	
08 52 11 00-0140	EA	40" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	724.46	
		For Low-E Insulated Glass, Add	*67.36*	
		For Aluminum Clad Exterior, Add	*72.17*	
08 52 11 00-0141	EA	44" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	747.65	
		For Low-E Insulated Glass, Add	*69.71*	
		For Aluminum Clad Exterior, Add	*74.69*	

08 52 11 00-0142 78" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0143	EA	20" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	638.12	
		For Low-E Insulated Glass, Add	*57.98*	
		For Aluminum Clad Exterior, Add	*62.12*	
08 52 11 00-0144	EA	24" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	659.80	
		For Low-E Insulated Glass, Add	*60.11*	
		For Aluminum Clad Exterior, Add	*64.41*	
08 52 11 00-0145	EA	28" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	682.99	
		For Low-E Insulated Glass, Add	*62.46*	
		For Aluminum Clad Exterior, Add	*66.92*	
08 52 11 00-0146	EA	30" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	695.34	
		For Low-E Insulated Glass, Add	*63.74*	
		For Aluminum Clad Exterior, Add	*68.29*	
08 52 11 00-0147	EA	32" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	706.19	
		For Low-E Insulated Glass, Add	*64.80*	
		For Aluminum Clad Exterior, Add	*69.43*	
08 52 11 00-0148	EA	34" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	718.54	
		For Low-E Insulated Glass, Add	*66.08*	
		For Aluminum Clad Exterior, Add	*70.80*	
08 52 11 00-0149	EA	36" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	730.90	
		For Low-E Insulated Glass, Add	*67.36*	
		For Aluminum Clad Exterior, Add	*72.17*	
08 52 11 00-0150	EA	40" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	754.09	
		For Low-E Insulated Glass, Add	*69.71*	
		For Aluminum Clad Exterior, Add	*74.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0151	EA	44" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	777.29	
		For Low-E Insulated Glass, Add	*72.05*	
		For Aluminum Clad Exterior, Add	*77.20*	

08 52 11 00-0152 Commercial And Institutional Heavy Double Hung Windows *(08 52 11)*

Note: With true divided lites. Performance grade DP 40 in NWWDA I.S. 2-93. Includes complete unit with hardware, blocking and accessories, glazing, caulking, prepare opening, anchors, testing and certifications. Excludes painting.

08 52 11 00-0153	SF	Up To 21 SF Double Hung Wood Window With True Divided Lite	177.55	14.39
		For Insulating Glass, Add	*12.65*	
08 52 11 00-0154	SF	21 To 40 SF Double Hung Wood Window With True Divided Lite	165.18	16.00
		For Insulating Glass, Add	*11.32*	
08 52 11 00-0155	SF	40 SF And Over Double Hung Wood Window With True Divided Lite	153.20	17.95
		For Insulating Glass, Add	*9.96*	

08 52 11 00-0156 Architectural And Historic Reproduction Wood Windows *(08 52 11)*

Note: Fixed casement, awning, and double hung. With true divided lites. Casement performance grade DP 40; awning performance grade DP 25; double hung performance grade DP 30. Includes complete unit with hardware, blocking and accessories, glazing, caulking, prepare opening, anchors, testing and certifications. Excludes painting.

08 52 11 00-0157	SF	Up To 21 SF Architectural And Historic Reproduction Wood Window	193.25	14.38
		For Insulating Glass, Add	*13.98*	
08 52 11 00-0158	SF	21 To 40 SF Architectural And Historic Reproduction Wood Window	173.66	15.99
		For Insulating Glass, Add	*12.04*	
08 52 11 00-0159	SF	40 SF And Over Architectural And Historic Reproduction Wood Window	158.17	17.94
		For Insulating Glass, Add	*10.39*	

08 52 11 00-0160 Removal And Reinstallation Of Wood Window And Frame *(08 52 11)*

Note: Includes storage, cleaning and supply materials.

08 52 11 00-0161	SF	Removal And Reinstallation Of Wood Windows And Frames	27.75	

08 52 16 Plastic-Clad Wood Windows *(08 52)*

08 52 16 00-0001 Double Hung Wood Clad Windows *(08 52 16)*

Note: Double hung windows feature two movable sashes that operate vertically and open independently.

08 52 16 00-0002 Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0001)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.

08 52 16 00-0003 35-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0004	EA	23-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	414.53	52.94
		For Low-E Insulated Glass, Add	*37.04*	
		For Tempered Clear Insulated Glass, Add	*61.73*	
08 52 16 00-0005	EA	27-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	439.15	55.25
		For Low-E Insulated Glass, Add	*39.44*	
		For Tempered Clear Insulated Glass, Add	*65.73*	
08 52 16 00-0006	EA	31-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	462.10	57.54
		For Low-E Insulated Glass, Add	*41.64*	
		For Tempered Clear Insulated Glass, Add	*69.40*	
08 52 16 00-0007	EA	35-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	485.06	59.85
		For Low-E Insulated Glass, Add	*43.84*	
		For Tempered Clear Insulated Glass, Add	*73.07*	

08 52 16 00-0008 41-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0009	EA	23-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	449.79	56.40
		For Low-E Insulated Glass, Add	*40.44*	
		For Tempered Clear Insulated Glass, Add	*67.40*	
08 52 16 00-0010	EA	27-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	474.41	58.70
		For Low-E Insulated Glass, Add	*42.84*	
		For Tempered Clear Insulated Glass, Add	*71.40*	
08 52 16 00-0011	EA	31-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	497.37	61.00
		For Low-E Insulated Glass, Add	*45.04*	
		For Tempered Clear Insulated Glass, Add	*75.07*	
08 52 16 00-0012	EA	35-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	520.33	63.30
		For Low-E Insulated Glass, Add	*47.25*	
		For Tempered Clear Insulated Glass, Add	*78.74*	

08 52 16 00-0013 47-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0014	EA	23-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	485.06	59.85
		For Low-E Insulated Glass, Add	*43.84*	
		For Tempered Clear Insulated Glass, Add	*73.07*	
08 52 16 00-0015	EA	27-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	508.01	62.15
		For Low-E Insulated Glass, Add	*46.05*	
		For Tempered Clear Insulated Glass, Add	*76.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0016	EA	31-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	532.63	64.45
		For Low-E Insulated Glass, Add	*48.45*	
		For Tempered Clear Insulated Glass, Add	*80.75*	
08 52 16 00-0017	EA	35-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	555.59	66.76
		For Low-E Insulated Glass, Add	*50.65*	
		For Tempered Clear Insulated Glass, Add	*84.42*	

08 52 16 00-0018 53-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0019	EA	23-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	520.33	63.30
		For Low-E Insulated Glass, Add	*47.25*	
		For Tempered Clear Insulated Glass, Add	*78.74*	
08 52 16 00-0020	EA	27-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	543.28	65.60
		For Low-E Insulated Glass, Add	*49.45*	
		For Tempered Clear Insulated Glass, Add	*82.41*	
08 52 16 00-0021	EA	31-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	566.23	67.90
		For Low-E Insulated Glass, Add	*51.65*	
		For Tempered Clear Insulated Glass, Add	*86.08*	
08 52 16 00-0022	EA	35-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	590.86	70.21
		For Low-E Insulated Glass, Add	*54.05*	
		For Tempered Clear Insulated Glass, Add	*90.09*	

08 52 16 00-0023 56-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0024	EA	19-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	514.16	63.30
		For Low-E Insulated Glass, Add	*46.65*	
		For Tempered Clear Insulated Glass, Add	*77.74*	
08 52 16 00-0025	EA	23-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	537.13	65.02
		For Low-E Insulated Glass, Add	*48.85*	
		For Tempered Clear Insulated Glass, Add	*81.41*	
08 52 16 00-0026	EA	27-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	561.74	67.90
		For Low-E Insulated Glass, Add	*51.25*	
		For Tempered Clear Insulated Glass, Add	*85.42*	
08 52 16 00-0027	EA	31-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	584.70	70.21
		For Low-E Insulated Glass, Add	*53.45*	
		For Tempered Clear Insulated Glass, Add	*89.09*	
08 52 16 00-0028	EA	35-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	607.65	72.50
		For Low-E Insulated Glass, Add	*55.65*	
		For Tempered Clear Insulated Glass, Add	*92.76*	
08 52 16 00-0029	EA	39-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	630.61	74.81
		For Low-E Insulated Glass, Add	*57.86*	
		For Tempered Clear Insulated Glass, Add	*96.43*	

08 52 16 00-0030 59-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0031	EA	19-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	532.63	64.45
		For Low-E Insulated Glass, Add	*48.45*	
		For Tempered Clear Insulated Glass, Add	*80.75*	
08 52 16 00-0032	EA	23-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	555.59	66.76
		For Low-E Insulated Glass, Add	*50.65*	
		For Tempered Clear Insulated Glass, Add	*84.42*	
08 52 16 00-0033	EA	27-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	578.54	69.05
		For Low-E Insulated Glass, Add	*52.85*	
		For Tempered Clear Insulated Glass, Add	*88.09*	
08 52 16 00-0034	EA	31-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	601.49	71.36
		For Low-E Insulated Glass, Add	*55.05*	
		For Tempered Clear Insulated Glass, Add	*91.76*	
08 52 16 00-0035	EA	35-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	624.44	73.66
		For Low-E Insulated Glass, Add	*57.26*	
		For Tempered Clear Insulated Glass, Add	*95.43*	
08 52 16 00-0036	EA	39-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	649.07	75.96
		For Low-E Insulated Glass, Add	*59.66*	
		For Tempered Clear Insulated Glass, Add	*99.43*	

08 52 16 00-0037 65-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0038	EA	23-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	590.86	70.21
		For Low-E Insulated Glass, Add	*54.05*	
		For Tempered Clear Insulated Glass, Add	*90.09*	
08 52 16 00-0039	EA	27-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	613.81	72.50
		For Low-E Insulated Glass, Add	*56.25*	
		For Tempered Clear Insulated Glass, Add	*93.76*	
08 52 16 00-0040	EA	31-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	636.76	74.81
		For Low-E Insulated Glass, Add	*58.46*	
		For Tempered Clear Insulated Glass, Add	*97.43*	
08 52 16 00-0041	EA	35-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	659.71	77.12
		For Low-E Insulated Glass, Add	*60.66*	
		For Tempered Clear Insulated Glass, Add	*101.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0042		71-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*		
08 52 16 00-0043	EA	23-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	624.44	73.66
		For Low-E Insulated Glass, Add	*57.26*	
		For Tempered Clear Insulated Glass, Add	*95.43*	
08 52 16 00-0044	EA	27-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	649.07	75.96
		For Low-E Insulated Glass, Add	*59.66*	
		For Tempered Clear Insulated Glass, Add	*99.43*	
08 52 16 00-0045	EA	31-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	672.03	78.26
		For Low-E Insulated Glass, Add	*61.86*	
		For Tempered Clear Insulated Glass, Add	*103.10*	
08 52 16 00-0046	EA	35-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	694.99	80.57
		For Low-E Insulated Glass, Add	*64.06*	
		For Tempered Clear Insulated Glass, Add	*106.77*	
08 52 16 00-0047		Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0001)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0048		36-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*		
08 52 16 00-0049	EA	21-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	513.46	52.94
		For Tempered Low-E Insulated Glass, Add	*81.75*	
08 52 16 00-0050	EA	25-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	544.77	54.67
		For Tempered Low-E Insulated Glass, Add	*87.09*	
08 52 16 00-0051	EA	29-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	577.73	56.97
		For Tempered Low-E Insulated Glass, Add	*92.76*	
08 52 16 00-0052	EA	31-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	595.05	58.70
		For Tempered Low-E Insulated Glass, Add	*95.76*	
08 52 16 00-0053	EA	33-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	610.69	59.85
		For Tempered Low-E Insulated Glass, Add	*98.43*	
08 52 16 00-0054	EA	35-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	626.34	61.00
		For Tempered Low-E Insulated Glass, Add	*101.10*	
08 52 16 00-0055	EA	37-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	643.66	61.57
		For Tempered Low-E Insulated Glass, Add	*104.10*	
08 52 16 00-0056	EA	41-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	674.95	63.88
		For Tempered Low-E Insulated Glass, Add	*109.44*	
08 52 16 00-0057	EA	45-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	707.91	66.18
		For Tempered Low-E Insulated Glass, Add	*115.11*	
08 52 16 00-0058		40-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*		
08 52 16 00-0059	EA	21-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	544.77	55.25
		For Tempered Low-E Insulated Glass, Add	*87.09*	
08 52 16 00-0060	EA	25-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	577.73	56.97
		For Tempered Low-E Insulated Glass, Add	*92.76*	
08 52 16 00-0061	EA	29-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	610.69	59.28
		For Tempered Low-E Insulated Glass, Add	*98.43*	
08 52 16 00-0062	EA	31-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	626.34	61.00
		For Tempered Low-E Insulated Glass, Add	*101.10*	
08 52 16 00-0063	EA	33-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	643.66	62.15
		For Tempered Low-E Insulated Glass, Add	*104.10*	
08 52 16 00-0064	EA	35-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	659.31	63.30
		For Tempered Low-E Insulated Glass, Add	*106.77*	
08 52 16 00-0065	EA	37-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	674.95	63.88
		For Tempered Low-E Insulated Glass, Add	*109.44*	
08 52 16 00-0066	EA	41-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	707.91	66.18
		For Tempered Low-E Insulated Glass, Add	*115.11*	
08 52 16 00-0067	EA	45-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	740.88	68.48
		For Tempered Low-E Insulated Glass, Add	*120.78*	
08 52 16 00-0068		44-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*		
08 52 16 00-0069	EA	21-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	577.73	57.54
		For Tempered Low-E Insulated Glass, Add	*92.76*	
08 52 16 00-0070	EA	25-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	610.69	59.28
		For Tempered Low-E Insulated Glass, Add	*98.43*	
08 52 16 00-0071	EA	29-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	643.66	61.57
		For Tempered Low-E Insulated Glass, Add	*104.10*	
08 52 16 00-0072	EA	31-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	659.31	63.30
		For Tempered Low-E Insulated Glass, Add	*106.77*	
08 52 16 00-0073	EA	33-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	674.95	64.45
		For Tempered Low-E Insulated Glass, Add	*109.44*	
08 52 16 00-0074	EA	35-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	692.28	65.60
		For Tempered Low-E Insulated Glass, Add	*112.44*	
08 52 16 00-0075	EA	37-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	707.91	66.18
		For Tempered Low-E Insulated Glass, Add	*115.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0076	EA	41-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	740.88	68.48
		For Tempered Low-E Insulated Glass, Add	*120.78*	
08 52 16 00-0077	EA	45-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	773.86	70.78
		For Tempered Low-E Insulated Glass, Add	*126.46*	

08 52 16 00-0078 48-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0079	EA	21-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	610.69	59.85
		For Tempered Low-E Insulated Glass, Add	*98.43*	
08 52 16 00-0080	EA	25-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	643.66	61.57
		For Tempered Low-E Insulated Glass, Add	*104.10*	
08 52 16 00-0081	EA	29-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	674.95	63.88
		For Tempered Low-E Insulated Glass, Add	*109.44*	
08 52 16 00-0082	EA	31-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	692.28	65.60
		For Tempered Low-E Insulated Glass, Add	*112.44*	
08 52 16 00-0083	EA	33-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	707.91	66.76
		For Tempered Low-E Insulated Glass, Add	*115.11*	
08 52 16 00-0084	EA	35-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	723.57	67.90
		For Tempered Low-E Insulated Glass, Add	*117.78*	
08 52 16 00-0085	EA	37-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	740.88	68.48
		For Tempered Low-E Insulated Glass, Add	*120.78*	
08 52 16 00-0086	EA	41-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	773.86	70.78
		For Tempered Low-E Insulated Glass, Add	*126.46*	
08 52 16 00-0087	EA	45-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	805.15	73.09
		For Tempered Low-E Insulated Glass, Add	*131.80*	

08 52 16 00-0088 52-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0089	EA	21-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	643.66	62.15
		For Tempered Low-E Insulated Glass, Add	*104.10*	
08 52 16 00-0090	EA	25-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	674.95	63.88
		For Tempered Low-E Insulated Glass, Add	*109.44*	
08 52 16 00-0091	EA	29-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	707.91	66.18
		For Tempered Low-E Insulated Glass, Add	*115.11*	
08 52 16 00-0092	EA	31-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	723.57	67.90
		For Tempered Low-E Insulated Glass, Add	*117.78*	
08 52 16 00-0093	EA	33-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	740.88	69.05
		For Tempered Low-E Insulated Glass, Add	*120.78*	
08 52 16 00-0094	EA	35-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	756.53	70.21
		For Tempered Low-E Insulated Glass, Add	*123.45*	
08 52 16 00-0095	EA	37-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	773.86	70.78
		For Tempered Low-E Insulated Glass, Add	*126.46*	
08 52 16 00-0096	EA	41-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	805.15	73.09
		For Tempered Low-E Insulated Glass, Add	*131.80*	
08 52 16 00-0097	EA	45-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	838.11	75.38
		For Tempered Low-E Insulated Glass, Add	*137.47*	

08 52 16 00-0098 56-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0099	EA	21-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	674.95	64.45
		For Tempered Low-E Insulated Glass, Add	*109.44*	
08 52 16 00-0100	EA	25-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	707.91	66.18
		For Tempered Low-E Insulated Glass, Add	*115.11*	
08 52 16 00-0101	EA	29-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	740.88	68.48
		For Tempered Low-E Insulated Glass, Add	*120.78*	
08 52 16 00-0102	EA	31-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	756.53	70.21
		For Tempered Low-E Insulated Glass, Add	*123.45*	
08 52 16 00-0103	EA	33-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	773.86	71.36
		For Tempered Low-E Insulated Glass, Add	*126.46*	
08 52 16 00-0104	EA	35-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	789.49	72.50
		For Tempered Low-E Insulated Glass, Add	*129.13*	
08 52 16 00-0105	EA	37-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	805.15	73.09
		For Tempered Low-E Insulated Glass, Add	*131.80*	
08 52 16 00-0106	EA	41-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	838.11	75.38
		For Tempered Low-E Insulated Glass, Add	*137.47*	
08 52 16 00-0107	EA	45-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	871.08	77.69
		For Tempered Low-E Insulated Glass, Add	*143.14*	

08 52 16 00-0108 60-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0109	EA	21-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	707.91	66.76
		For Tempered Low-E Insulated Glass, Add	*115.11*	
08 52 16 00-0110	EA	25-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	740.88	68.48
		For Tempered Low-E Insulated Glass, Add	*120.78*	
08 52 16 00-0111	EA	29-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	773.86	70.78
		For Tempered Low-E Insulated Glass, Add	*126.46*	
08 52 16 00-0112	EA	31-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	789.49	72.50
		For Tempered Low-E Insulated Glass, Add	*129.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0113	EA	33-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	805.15	73.66
		For Tempered Low-E Insulated Glass, Add	*131.80*	
08 52 16 00-0114	EA	35-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	822.46	74.81
		For Tempered Low-E Insulated Glass, Add	*134.80*	
08 52 16 00-0115	EA	37-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	838.11	75.38
		For Tempered Low-E Insulated Glass, Add	*137.47*	
08 52 16 00-0116	EA	41-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	871.08	77.69
		For Tempered Low-E Insulated Glass, Add	*143.14*	
08 52 16 00-0117	EA	45-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	902.37	79.99
		For Tempered Low-E Insulated Glass, Add	*148.48*	

08 52 16 00-0118 64-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0119	EA	21-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	740.88	69.05
		For Tempered Low-E Insulated Glass, Add	*120.78*	
08 52 16 00-0120	EA	25-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	773.86	70.78
		For Tempered Low-E Insulated Glass, Add	*126.46*	
08 52 16 00-0121	EA	29-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	805.15	73.09
		For Tempered Low-E Insulated Glass, Add	*131.80*	
08 52 16 00-0122	EA	31-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	822.46	74.81
		For Tempered Low-E Insulated Glass, Add	*134.80*	
08 52 16 00-0123	EA	33-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	838.11	75.96
		For Tempered Low-E Insulated Glass, Add	*137.47*	
08 52 16 00-0124	EA	35-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	853.76	77.12
		For Tempered Low-E Insulated Glass, Add	*140.14*	
08 52 16 00-0125	EA	37-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	871.08	77.69
		For Tempered Low-E Insulated Glass, Add	*143.14*	
08 52 16 00-0126	EA	41-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	902.37	79.99
		For Tempered Low-E Insulated Glass, Add	*148.48*	
08 52 16 00-0127	EA	45-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	935.33	82.29
		For Tempered Low-E Insulated Glass, Add	*154.15*	

08 52 16 00-0128 68-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0129	EA	21-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	773.86	71.36
		For Tempered Low-E Insulated Glass, Add	*126.46*	
08 52 16 00-0130	EA	25-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	805.15	73.09
		For Tempered Low-E Insulated Glass, Add	*131.80*	
08 52 16 00-0131	EA	29-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	838.11	75.38
		For Tempered Low-E Insulated Glass, Add	*137.47*	
08 52 16 00-0132	EA	31-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	853.76	77.12
		For Tempered Low-E Insulated Glass, Add	*140.14*	
08 52 16 00-0133	EA	33-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	871.08	78.26
		For Tempered Low-E Insulated Glass, Add	*143.14*	
08 52 16 00-0134	EA	35-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	886.72	79.41
		For Tempered Low-E Insulated Glass, Add	*145.81*	
08 52 16 00-0135	EA	37-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	902.37	79.99
		For Tempered Low-E Insulated Glass, Add	*148.48*	
08 52 16 00-0136	EA	41-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	935.33	82.29
		For Tempered Low-E Insulated Glass, Add	*154.15*	
08 52 16 00-0137	EA	45-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	968.31	84.60
		For Tempered Low-E Insulated Glass, Add	*159.82*	

08 52 16 00-0138 72-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0139	EA	21-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	805.15	73.66
		For Tempered Low-E Insulated Glass, Add	*131.80*	
08 52 16 00-0140	EA	25-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	838.11	75.38
		For Tempered Low-E Insulated Glass, Add	*137.47*	
08 52 16 00-0141	EA	29-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	871.08	77.69
		For Tempered Low-E Insulated Glass, Add	*143.14*	
08 52 16 00-0142	EA	31-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	886.72	79.41
		For Tempered Low-E Insulated Glass, Add	*145.81*	
08 52 16 00-0143	EA	33-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	902.37	80.57
		For Tempered Low-E Insulated Glass, Add	*148.48*	
08 52 16 00-0144	EA	35-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	919.69	81.72
		For Tempered Low-E Insulated Glass, Add	*151.48*	
08 52 16 00-0145	EA	37-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	935.33	82.29
		For Tempered Low-E Insulated Glass, Add	*154.15*	
08 52 16 00-0146	EA	41-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	968.31	84.60
		For Tempered Low-E Insulated Glass, Add	*159.82*	
08 52 16 00-0147	EA	45-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,001.27	86.89
		For Tempered Low-E Insulated Glass, Add	*165.50*	

08 52 16 00-0148 76-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0149	EA	21-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	838.11	75.96
		For Tempered Low-E Insulated Glass, Add	*137.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0150	EA	25-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	871.08	77.69
		For Tempered Low-E Insulated Glass, Add	*143.14*	
08 52 16 00-0151	EA	29-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	902.37	79.99
		For Tempered Low-E Insulated Glass, Add	*148.48*	
08 52 16 00-0152	EA	31-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	919.69	81.72
		For Tempered Low-E Insulated Glass, Add	*151.48*	
08 52 16 00-0153	EA	33-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	935.33	82.86
		For Tempered Low-E Insulated Glass, Add	*154.15*	
08 52 16 00-0154	EA	35-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	952.65	84.02
		For Tempered Low-E Insulated Glass, Add	*157.15*	
08 52 16 00-0155	EA	37-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	968.31	84.60
		For Tempered Low-E Insulated Glass, Add	*159.82*	
08 52 16 00-0156	EA	41-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,001.27	86.89
		For Tempered Low-E Insulated Glass, Add	*165.50*	
08 52 16 00-0157	EA	45-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,032.56	89.20
		For Tempered Low-E Insulated Glass, Add	*170.83*	

08 52 16 00-0158 84-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0159	EA	21-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,299.43	80.57
		For Tempered Low-E Insulated Glass, Add	*227.89*	
08 52 16 00-0160	EA	25-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,345.74	82.29
		For Tempered Low-E Insulated Glass, Add	*236.23*	
08 52 16 00-0161	EA	29-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,392.05	84.60
		For Tempered Low-E Insulated Glass, Add	*244.57*	
08 52 16 00-0162	EA	31-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,414.37	86.32
		For Tempered Low-E Insulated Glass, Add	*248.58*	
08 52 16 00-0163	EA	33-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,438.36	87.47
		For Tempered Low-E Insulated Glass, Add	*252.91*	
08 52 16 00-0164	EA	35-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,460.69	88.62
		For Tempered Low-E Insulated Glass, Add	*256.92*	
08 52 16 00-0165	EA	37-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,483.00	89.20
		For Tempered Low-E Insulated Glass, Add	*260.92*	
08 52 16 00-0166	EA	41-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,529.31	91.50
		For Tempered Low-E Insulated Glass, Add	*269.26*	
08 52 16 00-0167	EA	45-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,575.63	93.80
		For Tempered Low-E Insulated Glass, Add	*277.61*	

08 52 16 00-0168 88-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0169	EA	21-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,345.74	82.86
		For Tempered Low-E Insulated Glass, Add	*236.23*	
08 52 16 00-0170	EA	25-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,392.05	84.60
		For Tempered Low-E Insulated Glass, Add	*244.57*	
08 52 16 00-0171	EA	29-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,438.36	86.89
		For Tempered Low-E Insulated Glass, Add	*252.91*	
08 52 16 00-0172	EA	31-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,460.69	88.62
		For Tempered Low-E Insulated Glass, Add	*256.92*	
08 52 16 00-0173	EA	33-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,483.00	89.77
		For Tempered Low-E Insulated Glass, Add	*260.92*	
08 52 16 00-0174	EA	35-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,507.00	90.93
		For Tempered Low-E Insulated Glass, Add	*265.26*	
08 52 16 00-0175	EA	37-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,529.31	91.50
		For Tempered Low-E Insulated Glass, Add	*269.26*	
08 52 16 00-0176	EA	41-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,575.63	93.80
		For Tempered Low-E Insulated Glass, Add	*277.61*	
08 52 16 00-0177	EA	45-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,621.93	96.10
		For Tempered Low-E Insulated Glass, Add	*285.95*	

08 52 16 00-0178 Casement Wood Clad Windows *(08 52 16)*

Note: Casement windows are hinged on one side and swing inward or outward with a crank or push out operation.

08 52 16 00-0179 Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0178)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.

08 52 16 00-0180 One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0179)*

08 52 16 00-0181 24-1/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*

08 52 16 00-0182	EA	17" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	451.06	43.73
		For Tempered Clear Insulated Glass, Add	*72.95*	
08 52 16 00-0183	EA	20-1/2" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	477.14	44.89
		For Tempered Clear Insulated Glass, Add	*77.47*	
08 52 16 00-0184	EA	24-1/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	506.27	47.19
		For Tempered Clear Insulated Glass, Add	*82.38*	
08 52 16 00-0185	EA	28-3/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	533.09	49.49
		For Tempered Clear Insulated Glass, Add	*86.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0186		**28-3/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0180)*		
08 52 16 00-0187	EA	17" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	483.96	46.04
		For Tempered Clear Insulated Glass, Add	*78.61*	
08 52 16 00-0188	EA	20-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	510.04	47.19
		For Tempered Clear Insulated Glass, Add	*83.13*	
08 52 16 00-0189	EA	24-1/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	539.15	49.49
		For Tempered Clear Insulated Glass, Add	*88.03*	
08 52 16 00-0190	EA	28-3/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	553.44	51.80
		For Tempered Clear Insulated Glass, Add	*89.97*	
08 52 16 00-0191	EA	31-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	587.29	54.09
		For Tempered Clear Insulated Glass, Add	*96.05*	
08 52 16 00-0192		**35-15/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0180)*		
08 52 16 00-0193	EA	17" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	542.92	49.49
		For Tempered Clear Insulated Glass, Add	*88.79*	
08 52 16 00-0194	EA	20-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	570.89	51.80
		For Tempered Clear Insulated Glass, Add	*93.69*	
08 52 16 00-0195	EA	24-1/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	600.01	53.52
		For Tempered Clear Insulated Glass, Add	*98.59*	
08 52 16 00-0196	EA	28-3/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	646.10	55.82
		For Tempered Clear Insulated Glass, Add	*106.89*	
08 52 16 00-0197	EA	31-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	690.03	57.54
		For Tempered Clear Insulated Glass, Add	*114.99*	
08 52 16 00-0198	EA	35-15/16" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	732.93	58.70
		For Tempered Clear Insulated Glass, Add	*123.11*	
08 52 16 00-0199		**40-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0180)*		
08 52 16 00-0200	EA	17" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	582.62	52.94
		For Tempered Clear Insulated Glass, Add	*95.58*	
08 52 16 00-0201	EA	20-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	608.69	54.09
		For Tempered Clear Insulated Glass, Add	*100.10*	
08 52 16 00-0202	EA	24-1/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	637.82	56.40
		For Tempered Clear Insulated Glass, Add	*105.01*	
08 52 16 00-0203	EA	28-3/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	704.65	58.70
		For Tempered Clear Insulated Glass, Add	*117.45*	
08 52 16 00-0204	EA	31-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	750.69	61.00
		For Tempered Clear Insulated Glass, Add	*125.97*	
08 52 16 00-0205	EA	35-15/16" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	793.79	63.30
		For Tempered Clear Insulated Glass, Add	*133.67*	
08 52 16 00-0206		**48" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0180)*		
08 52 16 00-0207	EA	17" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	638.97	57.54
		For Tempered Clear Insulated Glass, Add	*105.01*	
08 52 16 00-0208	EA	20-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	666.93	58.70
		For Tempered Clear Insulated Glass, Add	*109.91*	
08 52 16 00-0209	EA	24-1/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	696.06	61.00
		For Tempered Clear Insulated Glass, Add	*114.81*	
08 52 16 00-0210	EA	28-3/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	788.34	63.30
		For Tempered Clear Insulated Glass, Add	*132.35*	
08 52 16 00-0211	EA	31-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	824.35	65.60
		For Tempered Clear Insulated Glass, Add	*138.86*	
08 52 16 00-0212	EA	35-15/16" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	878.43	67.90
		For Tempered Clear Insulated Glass, Add	*148.75*	
08 52 16 00-0213		**52-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0180)*		
08 52 16 00-0214	EA	17" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	677.51	59.85
		For Tempered Clear Insulated Glass, Add	*111.79*	
08 52 16 00-0215	EA	20-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	703.60	61.00
		For Tempered Clear Insulated Glass, Add	*116.32*	
08 52 16 00-0216	EA	24-1/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	732.73	63.30
		For Tempered Clear Insulated Glass, Add	*121.22*	
08 52 16 00-0217	EA	28-3/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	846.70	65.60
		For Tempered Clear Insulated Glass, Add	*143.10*	
08 52 16 00-0218	EA	31-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	900.56	67.90
		For Tempered Clear Insulated Glass, Add	*153.18*	
08 52 16 00-0219	EA	35-15/16" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	935.83	70.21
		For Tempered Clear Insulated Glass, Add	*159.31*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0220		**59-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0180)*		
08 52 16 00-0221	EA	17" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	732.73	63.30
		For Tempered Clear Insulated Glass, Add	*121.22*	
08 52 16 00-0222	EA	20-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	760.69	65.60
		For Tempered Clear Insulated Glass, Add	*126.13*	
08 52 16 00-0223	EA	24-1/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	789.80	67.33
		For Tempered Clear Insulated Glass, Add	*131.03*	
08 52 16 00-0224	EA	28-3/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	930.18	69.64
		For Tempered Clear Insulated Glass, Add	*158.18*	
08 52 16 00-0225	EA	31-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	968.29	71.36
		For Tempered Clear Insulated Glass, Add	*165.12*	
08 52 16 00-0226	EA	35-15/16" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	1,019.31	73.66
		For Tempered Clear Insulated Glass, Add	*174.40*	
08 52 16 00-0227		**64-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0180)*		
08 52 16 00-0228	EA	17" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	772.41	66.76
		For Tempered Clear Insulated Glass, Add	*128.01*	
08 52 16 00-0229	EA	20-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	798.50	67.90
		For Tempered Clear Insulated Glass, Add	*132.54*	
08 52 16 00-0230	EA	24-1/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	827.62	70.21
		For Tempered Clear Insulated Glass, Add	*137.44*	
08 52 16 00-0231	EA	28-3/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	988.74	72.50
		For Tempered Clear Insulated Glass, Add	*168.74*	
08 52 16 00-0232	EA	31-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	1,024.17	74.81
		For Tempered Clear Insulated Glass, Add	*175.14*	
08 52 16 00-0233	EA	35-15/16" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	1,077.87	77.12
		For Tempered Clear Insulated Glass, Add	*184.96*	
08 52 16 00-0234		**71-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0180)*		
08 52 16 00-0235	EA	17" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	827.62	70.21
		For Tempered Clear Insulated Glass, Add	*137.44*	
08 52 16 00-0236	EA	20-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	855.58	72.50
		For Tempered Clear Insulated Glass, Add	*142.34*	
08 52 16 00-0237	EA	24-1/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	884.70	74.24
		For Tempered Clear Insulated Glass, Add	*147.25*	
08 52 16 00-0238	EA	28-3/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	1,072.22	76.54
		For Tempered Clear Insulated Glass, Add	*183.83*	
08 52 16 00-0239	EA	31-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	1,115.78	78.26
		For Tempered Clear Insulated Glass, Add	*191.85*	
08 52 16 00-0240	EA	35-15/16" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	1,161.36	80.57
		For Tempered Clear Insulated Glass, Add	*200.05*	
08 52 16 00-0241		**Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0179)*		
08 52 16 00-0242		**24-1/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0241)*		
08 52 16 00-0243	EA	40-3/4" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	811.20	56.40
		For Tempered Clear Insulated Glass, Add	*139.68*	
08 52 16 00-0244	EA	48" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	922.52	61.00
		For Tempered Clear Insulated Glass, Add	*160.10*	
08 52 16 00-0245	EA	56-1/2" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,051.61	65.60
		For Tempered Clear Insulated Glass, Add	*184.08*	
08 52 16 00-0246		**28-3/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0241)*		
08 52 16 00-0247	EA	40-3/4" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	875.64	58.70
		For Tempered Clear Insulated Glass, Add	*151.65*	
08 52 16 00-0248	EA	48" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	986.97	63.30
		For Tempered Clear Insulated Glass, Add	*172.07*	
08 52 16 00-0249	EA	56-1/2" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,116.05	67.90
		For Tempered Clear Insulated Glass, Add	*196.05*	
08 52 16 00-0250		**35-15/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0241)*		
08 52 16 00-0251	EA	33-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	867.62	58.70
		For Tempered Clear Insulated Glass, Add	*150.05*	
08 52 16 00-0252	EA	40-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	981.28	63.30
		For Tempered Clear Insulated Glass, Add	*171.17*	
08 52 16 00-0253	EA	48" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,099.86	67.90
		For Tempered Clear Insulated Glass, Add	*193.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0254	EA	56-1/2" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,237.29	71.93
		For Tempered Clear Insulated Glass, Add	*218.69*	
08 52 16 00-0255	EA	62-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,329.30	75.38
		For Tempered Clear Insulated Glass, Add	*235.71*	
08 52 16 00-0256	EA	71-5/8" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,482.73	80.57
		For Tempered Clear Insulated Glass, Add	*264.32*	
08 52 16 00-0257		40-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*		
08 52 16 00-0258	EA	33-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	946.92	61.57
		For Tempered Clear Insulated Glass, Add	*164.75*	
08 52 16 00-0259	EA	40-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,060.58	65.60
		For Tempered Clear Insulated Glass, Add	*185.87*	
08 52 16 00-0260	EA	48" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,179.16	70.21
		For Tempered Clear Insulated Glass, Add	*207.75*	
08 52 16 00-0261	EA	56-1/2" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,316.59	74.81
		For Tempered Clear Insulated Glass, Add	*233.39*	
08 52 16 00-0262	EA	62-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,418.60	78.26
		For Tempered Clear Insulated Glass, Add	*252.41*	
08 52 16 00-0263	EA	71-5/8" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,850.54	83.44
		For Tempered Clear Insulated Glass, Add	*336.73*	
08 52 16 00-0264		48" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*		
08 52 16 00-0265	EA	33-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,063.61	66.18
		For Tempered Clear Insulated Glass, Add	*186.25*	
08 52 16 00-0266	EA	40-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,179.16	70.21
		For Tempered Clear Insulated Glass, Add	*207.75*	
08 52 16 00-0267	EA	48" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,297.74	74.81
		For Tempered Clear Insulated Glass, Add	*229.62*	
08 52 16 00-0268	EA	56-1/2" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,435.18	79.41
		For Tempered Clear Insulated Glass, Add	*255.27*	
08 52 16 00-0269	EA	62-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,532.84	82.86
		For Tempered Clear Insulated Glass, Add	*273.42*	
08 52 16 00-0270	EA	71-5/8" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,680.62	88.05
		For Tempered Clear Insulated Glass, Add	*300.90*	
08 52 16 00-0271		52-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*		
08 52 16 00-0272	EA	33-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,141.76	68.48
		For Tempered Clear Insulated Glass, Add	*200.96*	
08 52 16 00-0273	EA	40-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,255.42	72.50
		For Tempered Clear Insulated Glass, Add	*222.08*	
08 52 16 00-0274	EA	48" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,360.00	77.12
		For Tempered Clear Insulated Glass, Add	*241.16*	
08 52 16 00-0275	EA	56-1/2" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,511.43	81.72
		For Tempered Clear Insulated Glass, Add	*269.60*	
08 52 16 00-0276	EA	62-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,613.82	85.17
		For Tempered Clear Insulated Glass, Add	*288.70*	
08 52 16 00-0277	EA	71-5/8" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,758.76	90.34
		For Tempered Clear Insulated Glass, Add	*315.61*	
08 52 16 00-0278		59-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*		
08 52 16 00-0279	EA	33-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,257.31	72.50
		For Tempered Clear Insulated Glass, Add	*222.46*	
08 52 16 00-0280	EA	40-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,370.96	77.12
		For Tempered Clear Insulated Glass, Add	*243.58*	
08 52 16 00-0281	EA	48" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,489.54	81.72
		For Tempered Clear Insulated Glass, Add	*265.45*	
08 52 16 00-0282	EA	56-1/2" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,626.98	85.74
		For Tempered Clear Insulated Glass, Add	*291.10*	
08 52 16 00-0283	EA	62-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,729.36	89.20
		For Tempered Clear Insulated Glass, Add	*310.19*	
08 52 16 00-0284	EA	71-5/8" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,872.41	94.38
		For Tempered Clear Insulated Glass, Add	*336.73*	
08 52 16 00-0285		64-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*		
08 52 16 00-0286	EA	33-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,336.60	75.38
		For Tempered Clear Insulated Glass, Add	*237.17*	
08 52 16 00-0287	EA	40-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,450.26	79.41
		For Tempered Clear Insulated Glass, Add	*258.29*	
08 52 16 00-0288	EA	48" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,570.72	84.02
		For Tempered Clear Insulated Glass, Add	*280.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0289	EA	56-1/2" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,708.16	88.62
		For Tempered Clear Insulated Glass, Add	*306.18*	
08 52 16 00-0290		**71-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0241)*		
08 52 16 00-0291	EA	33-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,452.15	79.41
		For Tempered Clear Insulated Glass, Add	*258.66*	
08 52 16 00-0292	EA	40-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,565.80	84.02
		For Tempered Clear Insulated Glass, Add	*279.78*	
08 52 16 00-0293	EA	48" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,684.39	88.62
		For Tempered Clear Insulated Glass, Add	*301.66*	
08 52 16 00-0294	EA	56-1/2" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,821.82	92.65
		For Tempered Clear Insulated Glass, Add	*327.30*	
08 52 16 00-0295		**One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0179)*		
08 52 16 00-0296		**24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0295)*		
08 52 16 00-0297	EA	71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,289.20	74.24
		For Tempered Clear Insulated Glass, Add	*228.15*	
08 52 16 00-0298	EA	84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,500.48	81.72
		For Tempered Clear Insulated Glass, Add	*267.41*	
08 52 16 00-0299		**28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0295)*		
08 52 16 00-0300	EA	71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,368.50	76.54
		For Tempered Clear Insulated Glass, Add	*243.09*	
08 52 16 00-0301	EA	84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,565.78	84.02
		For Tempered Clear Insulated Glass, Add	*279.55*	
08 52 16 00-0302		**35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0295)*		
08 52 16 00-0303	EA	61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,316.98	74.81
		For Tempered Clear Insulated Glass, Add	*233.47*	
08 52 16 00-0304	EA	71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,486.51	80.57
		For Tempered Clear Insulated Glass, Add	*265.08*	
08 52 16 00-0305	EA	84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,695.71	88.62
		For Tempered Clear Insulated Glass, Add	*303.92*	
08 52 16 00-0306		**40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0295)*		
08 52 16 00-0307	EA	61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,392.44	78.26
		For Tempered Clear Insulated Glass, Add	*247.41*	
08 52 16 00-0308	EA	71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,567.68	83.44
		For Tempered Clear Insulated Glass, Add	*280.16*	
08 52 16 00-0309	EA	84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,774.99	90.93
		For Tempered Clear Insulated Glass, Add	*318.63*	
08 52 16 00-0310		**48" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0295)*		
08 52 16 00-0311	EA	71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,684.39	88.05
		For Tempered Clear Insulated Glass, Add	*301.66*	
08 52 16 00-0312	EA	84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,891.70	95.53
		For Tempered Clear Insulated Glass, Add	*340.13*	
08 52 16 00-0313		**52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0295)*		
08 52 16 00-0314	EA	71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,762.53	90.34
		For Tempered Clear Insulated Glass, Add	*316.37*	

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08 52 16 00-0315	EA	84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,969.84	97.83
		For Tempered Clear Insulated Glass, Add	*354.84*	
08 52 16 00-0316		**59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0295)*		
08 52 16 00-0317	EA	71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,876.19	94.38
		For Tempered Clear Insulated Glass, Add	*337.49*	
08 52 16 00-0318	EA	84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	2,085.38	102.43
		For Tempered Clear Insulated Glass, Add	*376.33*	
08 52 16 00-0319		**Casement Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0178)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0320		**One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0319)*		
08 52 16 00-0321		**24-1/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0320)*		
08 52 16 00-0322	EA	17" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	538.75	43.73
		For Tempered Low-E Insulated Glass, Add	*90.49*	
08 52 16 00-0323	EA	20-1/2" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	570.48	44.89
		For Tempered Low-E Insulated Glass, Add	*96.14*	
08 52 16 00-0324	EA	24-1/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	605.74	47.19
		For Tempered Low-E Insulated Glass, Add	*102.27*	
08 52 16 00-0325	EA	28-3/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	638.12	49.49
		For Tempered Low-E Insulated Glass, Add	*107.83*	
08 52 16 00-0326		**28-3/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0320)*		
08 52 16 00-0327	EA	17" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	578.72	46.04
		For Tempered Low-E Insulated Glass, Add	*97.56*	
08 52 16 00-0328	EA	20-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	610.45	47.19
		For Tempered Low-E Insulated Glass, Add	*103.21*	
08 52 16 00-0329	EA	24-1/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	645.70	49.49
		For Tempered Low-E Insulated Glass, Add	*109.34*	
08 52 16 00-0330	EA	28-3/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	662.41	51.80
		For Tempered Low-E Insulated Glass, Add	*111.77*	
08 52 16 00-0331	EA	31-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	703.85	54.09
		For Tempered Low-E Insulated Glass, Add	*119.36*	
08 52 16 00-0332		**35-15/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0320)*		
08 52 16 00-0333	EA	17" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	650.41	49.49
		For Tempered Low-E Insulated Glass, Add	*110.29*	
08 52 16 00-0334	EA	20-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	684.50	51.80
		For Tempered Low-E Insulated Glass, Add	*116.41*	
08 52 16 00-0335	EA	24-1/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	719.76	53.52
		For Tempered Low-E Insulated Glass, Add	*122.54*	
08 52 16 00-0336	EA	28-3/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	776.21	55.82
		For Tempered Low-E Insulated Glass, Add	*132.91*	
08 52 16 00-0337	EA	31-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	830.27	57.54
		For Tempered Low-E Insulated Glass, Add	*143.04*	
08 52 16 00-0338	EA	35-15/16" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	883.32	58.70
		For Tempered Low-E Insulated Glass, Add	*153.19*	
08 52 16 00-0339		**40-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0320)*		
08 52 16 00-0340	EA	17" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	698.59	52.94
		For Tempered Low-E Insulated Glass, Add	*118.77*	
08 52 16 00-0341	EA	20-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	730.32	54.09
		For Tempered Low-E Insulated Glass, Add	*124.43*	
08 52 16 00-0342	EA	24-1/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	765.58	56.40
		For Tempered Low-E Insulated Glass, Add	*130.56*	
08 52 16 00-0343	EA	28-3/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	847.96	58.70
		For Tempered Low-E Insulated Glass, Add	*146.11*	
08 52 16 00-0344	EA	31-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	904.65	61.00
		For Tempered Low-E Insulated Glass, Add	*156.76*	
08 52 16 00-0345	EA	35-15/16" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	957.38	63.30
		For Tempered Low-E Insulated Glass, Add	*166.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0346		48" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*		
08 52 16 00-0347	EA	17" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	766.73	57.54
		For Tempered Low-E Insulated Glass, Add	*130.56*	
08 52 16 00-0348	EA	20-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	800.82	58.70
		For Tempered Low-E Insulated Glass, Add	*136.69*	
08 52 16 00-0349	EA	24-1/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	836.07	61.00
		For Tempered Low-E Insulated Glass, Add	*142.81*	
08 52 16 00-0350	EA	28-3/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	950.28	63.30
		For Tempered Low-E Insulated Glass, Add	*164.73*	
08 52 16 00-0351	EA	31-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	994.43	65.60
		For Tempered Low-E Insulated Glass, Add	*172.87*	
08 52 16 00-0352	EA	35-15/16" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,060.88	67.90
		For Tempered Low-E Insulated Glass, Add	*185.24*	
08 52 16 00-0353		52-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*		
08 52 16 00-0354	EA	17" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	813.76	59.85
		For Tempered Low-E Insulated Glass, Add	*139.04*	
08 52 16 00-0355	EA	20-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	845.50	61.00
		For Tempered Low-E Insulated Glass, Add	*144.70*	
08 52 16 00-0356	EA	24-1/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	880.76	63.30
		For Tempered Low-E Insulated Glass, Add	*150.83*	
08 52 16 00-0357	EA	28-3/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,022.07	65.60
		For Tempered Low-E Insulated Glass, Add	*178.17*	
08 52 16 00-0358	EA	31-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,088.54	67.90
		For Tempered Low-E Insulated Glass, Add	*190.78*	
08 52 16 00-0359	EA	35-15/16" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,131.48	70.21
		For Tempered Low-E Insulated Glass, Add	*198.44*	
08 52 16 00-0360		59-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*		
08 52 16 00-0361	EA	17" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	880.76	63.30
		For Tempered Low-E Insulated Glass, Add	*150.83*	
08 52 16 00-0362	EA	20-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	914.85	65.60
		For Tempered Low-E Insulated Glass, Add	*156.96*	
08 52 16 00-0363	EA	24-1/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	950.09	67.33
		For Tempered Low-E Insulated Glass, Add	*163.09*	
08 52 16 00-0364	EA	28-3/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,124.41	69.64
		For Tempered Low-E Insulated Glass, Add	*197.03*	
08 52 16 00-0365	EA	31-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,171.18	71.36
		For Tempered Low-E Insulated Glass, Add	*205.69*	
08 52 16 00-0366	EA	35-15/16" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,233.82	73.66
		For Tempered Low-E Insulated Glass, Add	*217.30*	
08 52 16 00-0367		64-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*		
08 52 16 00-0368	EA	17" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	928.92	66.76
		For Tempered Low-E Insulated Glass, Add	*159.31*	
08 52 16 00-0369	EA	20-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	960.67	67.90
		For Tempered Low-E Insulated Glass, Add	*164.97*	
08 52 16 00-0370	EA	24-1/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	995.92	70.21
		For Tempered Low-E Insulated Glass, Add	*171.10*	
08 52 16 00-0371	EA	28-3/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,196.17	72.50
		For Tempered Low-E Insulated Glass, Add	*210.23*	
08 52 16 00-0372	EA	31-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,239.60	74.81
		For Tempered Low-E Insulated Glass, Add	*218.23*	
08 52 16 00-0373	EA	35-15/16" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,305.58	77.12
		For Tempered Low-E Insulated Glass, Add	*230.50*	
08 52 16 00-0374		71-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*		
08 52 16 00-0375	EA	17" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	995.92	70.21
		For Tempered Low-E Insulated Glass, Add	*171.10*	
08 52 16 00-0376	EA	20-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,030.01	72.50
		For Tempered Low-E Insulated Glass, Add	*177.23*	
08 52 16 00-0377	EA	24-1/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,065.26	74.24
		For Tempered Low-E Insulated Glass, Add	*183.36*	
08 52 16 00-0378	EA	28-3/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,298.50	76.54
		For Tempered Low-E Insulated Glass, Add	*229.09*	
08 52 16 00-0379	EA	31-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,352.09	78.26
		For Tempered Low-E Insulated Glass, Add	*239.11*	
08 52 16 00-0380	EA	35-15/16" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,407.92	80.57
		For Tempered Low-E Insulated Glass, Add	*249.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0381		Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0319)*		
08 52 16 00-0382		24-1/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0383	EA	40-3/4" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	978.80	56.40
		For Tempered Low-E Insulated Glass, Add	*173.20*	
08 52 16 00-0384	EA	48" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,115.65	61.00
		For Tempered Low-E Insulated Glass, Add	*198.73*	
08 52 16 00-0385	EA	56-1/2" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,274.71	65.60
		For Tempered Low-E Insulated Glass, Add	*228.70*	
08 52 16 00-0386		28-3/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0387	EA	40-3/4" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,058.20	58.70
		For Tempered Low-E Insulated Glass, Add	*188.16*	
08 52 16 00-0388	EA	48" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,195.07	63.30
		For Tempered Low-E Insulated Glass, Add	*213.69*	
08 52 16 00-0389	EA	56-1/2" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,354.11	67.90
		For Tempered Low-E Insulated Glass, Add	*243.66*	
08 52 16 00-0390		35-15/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0391	EA	33-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,048.18	58.70
		For Tempered Low-E Insulated Glass, Add	*186.16*	
08 52 16 00-0392	EA	40-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,188.24	63.30
		For Tempered Low-E Insulated Glass, Add	*212.56*	
08 52 16 00-0393	EA	48" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,334.16	67.90
		For Tempered Low-E Insulated Glass, Add	*239.90*	
08 52 16 00-0394	EA	56-1/2" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,503.65	71.93
		For Tempered Low-E Insulated Glass, Add	*271.96*	
08 52 16 00-0395	EA	62-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,616.93	75.38
		For Tempered Low-E Insulated Glass, Add	*293.23*	
08 52 16 00-0396	EA	71-5/8" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,806.14	80.57
		For Tempered Low-E Insulated Glass, Add	*329.00*	
08 52 16 00-0397		40-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0398	EA	33-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,145.87	61.57
		For Tempered Low-E Insulated Glass, Add	*204.54*	
08 52 16 00-0399	EA	40-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,285.93	65.60
		For Tempered Low-E Insulated Glass, Add	*230.94*	
08 52 16 00-0400	EA	48" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,431.85	70.21
		For Tempered Low-E Insulated Glass, Add	*258.29*	
08 52 16 00-0401	EA	56-1/2" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,601.34	74.81
		For Tempered Low-E Insulated Glass, Add	*290.34*	
08 52 16 00-0402	EA	62-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,727.12	78.26
		For Tempered Low-E Insulated Glass, Add	*314.12*	
08 52 16 00-0403	EA	71-5/8" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,264.46	83.44
		For Tempered Low-E Insulated Glass, Add	*419.52*	
08 52 16 00-0404		48" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0405	EA	33-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,289.42	66.18
		For Tempered Low-E Insulated Glass, Add	*231.41*	
08 52 16 00-0406	EA	40-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,431.85	70.21
		For Tempered Low-E Insulated Glass, Add	*258.29*	
08 52 16 00-0407	EA	48" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,577.77	74.81
		For Tempered Low-E Insulated Glass, Add	*285.63*	
08 52 16 00-0408	EA	56-1/2" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,747.26	79.41
		For Tempered Low-E Insulated Glass, Add	*317.69*	
08 52 16 00-0409	EA	62-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,867.62	82.86
		For Tempered Low-E Insulated Glass, Add	*340.38*	
08 52 16 00-0410	EA	71-5/8" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,049.75	88.05
		For Tempered Low-E Insulated Glass, Add	*374.73*	
08 52 16 00-0411		52-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0412	EA	33-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,385.96	68.48
		For Tempered Low-E Insulated Glass, Add	*249.80*	
08 52 16 00-0413	EA	40-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,526.02	72.50
		For Tempered Low-E Insulated Glass, Add	*276.20*	
08 52 16 00-0414	EA	48" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,657.94	77.12
		For Tempered Low-E Insulated Glass, Add	*300.74*	

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08 52 16 00-0415	EA	56-1/2" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,841.44	81.72
		For Tempered Low-E Insulated Glass, Add	*335.60*	
08 52 16 00-0416	EA	62-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,967.70	85.17
		For Tempered Low-E Insulated Glass, Add	*359.47*	
08 52 16 00-0417	EA	71-5/8" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,146.28	90.34
		For Tempered Low-E Insulated Glass, Add	*393.12*	
08 52 16 00-0418		**59-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0381)*		
08 52 16 00-0419	EA	33-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,528.38	72.50
		For Tempered Low-E Insulated Glass, Add	*276.67*	
08 52 16 00-0420	EA	40-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,668.43	77.12
		For Tempered Low-E Insulated Glass, Add	*303.07*	
08 52 16 00-0421	EA	48" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,814.36	81.72
		For Tempered Low-E Insulated Glass, Add	*330.42*	
08 52 16 00-0422	EA	56-1/2" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,983.85	85.74
		For Tempered Low-E Insulated Glass, Add	*362.47*	
08 52 16 00-0423	EA	62-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,110.11	89.20
		For Tempered Low-E Insulated Glass, Add	*386.34*	
08 52 16 00-0424	EA	71-5/8" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,286.33	94.38
		For Tempered Low-E Insulated Glass, Add	*419.52*	
08 52 16 00-0425		**64-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0381)*		
08 52 16 00-0426	EA	33-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,626.06	75.38
		For Tempered Low-E Insulated Glass, Add	*295.06*	
08 52 16 00-0427	EA	40-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,766.12	79.41
		For Tempered Low-E Insulated Glass, Add	*321.46*	
08 52 16 00-0428	EA	48" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,914.39	84.02
		For Tempered Low-E Insulated Glass, Add	*349.27*	
08 52 16 00-0429	EA	56-1/2" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,083.89	88.62
		For Tempered Low-E Insulated Glass, Add	*381.33*	
08 52 16 00-0430		**71-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0381)*		
08 52 16 00-0431	EA	33-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,768.48	79.41
		For Tempered Low-E Insulated Glass, Add	*321.93*	
08 52 16 00-0432	EA	40-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,908.53	84.02
		For Tempered Low-E Insulated Glass, Add	*348.33*	
08 52 16 00-0433	EA	48" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,054.47	88.62
		For Tempered Low-E Insulated Glass, Add	*375.67*	
08 52 16 00-0434	EA	56-1/2" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,223.95	92.65
		For Tempered Low-E Insulated Glass, Add	*407.73*	
08 52 16 00-0435		**One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0319)*		
08 52 16 00-0436		**24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0435)*		
08 52 16 00-0437	EA	71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,570.89	74.24
		For Tempered Low-E Insulated Glass, Add	*284.48*	
08 52 16 00-0438	EA	84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,827.74	81.72
		For Tempered Low-E Insulated Glass, Add	*332.86*	
08 52 16 00-0439		**28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0435)*		
08 52 16 00-0440	EA	71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,665.36	76.54
		For Tempered Low-E Insulated Glass, Add	*302.46*	
08 52 16 00-0441	EA	84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,908.22	84.02
		For Tempered Low-E Insulated Glass, Add	*348.04*	
08 52 16 00-0442		**35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0435)*		
08 52 16 00-0443	EA	61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,601.82	74.81
		For Tempered Low-E Insulated Glass, Add	*290.44*	
08 52 16 00-0444	EA	71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,810.85	80.57
		For Tempered Low-E Insulated Glass, Add	*329.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0445	EA	84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,068.61	88.62
		For Tempered Low-E Insulated Glass, Add	*378.50*	
08 52 16 00-0446		**40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0435)*		
08 52 16 00-0447	EA	61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,694.70	78.26
		For Tempered Low-E Insulated Glass, Add	*307.86*	
08 52 16 00-0448	EA	71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,910.89	83.44
		For Tempered Low-E Insulated Glass, Add	*348.80*	
08 52 16 00-0449	EA	84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,166.28	90.93
		For Tempered Low-E Insulated Glass, Add	*396.89*	
08 52 16 00-0450		**48" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0435)*		
08 52 16 00-0451	EA	71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,054.47	88.05
		For Tempered Low-E Insulated Glass, Add	*375.67*	
08 52 16 00-0452	EA	84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,309.86	95.53
		For Tempered Low-E Insulated Glass, Add	*423.76*	
08 52 16 00-0453		**52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0435)*		
08 52 16 00-0454	EA	71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,150.99	90.34
		For Tempered Low-E Insulated Glass, Add	*394.06*	
08 52 16 00-0455	EA	84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,406.39	97.83
		For Tempered Low-E Insulated Glass, Add	*442.15*	
08 52 16 00-0456		**59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0435)*		
08 52 16 00-0457	EA	71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,291.05	94.38
		For Tempered Low-E Insulated Glass, Add	*420.46*	
08 52 16 00-0458	EA	84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,548.79	102.43
		For Tempered Low-E Insulated Glass, Add	*469.02*	
08 52 16 00-0459		**Awning Wood Clad Windows** *(08 52 16)* Note: Awning windows are hinged at the top of the frame and swing outward with a crank or push out operation.		
08 52 16 00-0460		**Awning Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0459)* Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0461		**Venting, Awning Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0460)*		
08 52 16 00-0462		**17" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0461)*		
08 52 16 00-0463	EA	24-1/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	488.28	47.19
		For Tempered Clear Insulated Glass, Add	*78.78*	
08 52 16 00-0464	EA	28-3/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	523.05	49.49
		For Tempered Clear Insulated Glass, Add	*84.81*	
08 52 16 00-0465	EA	31-1/2" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	551.57	51.21
		For Tempered Clear Insulated Glass, Add	*89.83*	
08 52 16 00-0466	EA	35-15/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	587.69	53.52
		For Tempered Clear Insulated Glass, Add	*96.13*	
08 52 16 00-0467	EA	40-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	629.27	56.40
		For Tempered Clear Insulated Glass, Add	*103.30*	
08 52 16 00-0468	EA	48" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	693.16	61.00
		For Tempered Clear Insulated Glass, Add	*114.23*	
08 52 16 00-0469	EA	52-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	733.60	63.30
		For Tempered Clear Insulated Glass, Add	*121.40*	
08 52 16 00-0470	EA	59-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	792.56	67.90
		For Tempered Clear Insulated Glass, Add	*131.58*	
08 52 16 00-0471	EA	64-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	814.46	70.21
		For Tempered Clear Insulated Glass, Add	*134.81*	
08 52 16 00-0472	EA	71-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	872.78	74.24
		For Tempered Clear Insulated Glass, Add	*144.86*	
08 52 16 00-0473		**20-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0461)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0474	EA	24-1/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	515.29	49.49
		For Tempered Clear Insulated Glass, Add	*83.49*	
08 52 16 00-0475	EA	28-3/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	552.90	51.80
		For Tempered Clear Insulated Glass, Add	*90.09*	
08 52 16 00-0476	EA	31-1/2" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	577.42	52.94
		For Tempered Clear Insulated Glass, Add	*94.31*	
08 52 16 00-0477	EA	35-15/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	617.54	55.25
		For Tempered Clear Insulated Glass, Add	*101.41*	
08 52 16 00-0478	EA	40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	659.13	58.70
		For Tempered Clear Insulated Glass, Add	*108.58*	
08 52 16 00-0479	EA	48" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	721.13	62.73
		For Tempered Clear Insulated Glass, Add	*119.14*	
08 52 16 00-0480	EA	52-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	761.56	65.60
		For Tempered Clear Insulated Glass, Add	*126.30*	
08 52 16 00-0481	EA	59-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	822.42	69.05
		For Tempered Clear Insulated Glass, Add	*136.86*	
08 52 16 00-0482	EA	64-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	842.11	72.50
		For Tempered Clear Insulated Glass, Add	*139.65*	
08 52 16 00-0483	EA	71-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	902.30	75.96
		For Tempered Clear Insulated Glass, Add	*150.08*	
08 52 16 00-0484	EA	84-5/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,396.16	84.02
		For Tempered Clear Insulated Glass, Add	*245.86*	
08 52 16 00-0485		**24-1/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0461)*		
08 52 16 00-0486	EA	24-1/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	549.13	51.80
		For Tempered Clear Insulated Glass, Add	*89.34*	
08 52 16 00-0487	EA	28-3/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	583.91	54.09
		For Tempered Clear Insulated Glass, Add	*95.37*	
08 52 16 00-0488	EA	31-1/2" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	607.61	55.25
		For Tempered Clear Insulated Glass, Add	*99.42*	
08 52 16 00-0489	EA	35-15/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	648.54	57.54
		For Tempered Clear Insulated Glass, Add	*106.69*	
08 52 16 00-0490	EA	40-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	690.13	61.00
		For Tempered Clear Insulated Glass, Add	*113.86*	
08 52 16 00-0491	EA	48" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	754.02	65.02
		For Tempered Clear Insulated Glass, Add	*124.79*	
08 52 16 00-0492	EA	52-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	794.45	67.90
		For Tempered Clear Insulated Glass, Add	*131.96*	
08 52 16 00-0493	EA	59-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	855.30	71.36
		For Tempered Clear Insulated Glass, Add	*142.52*	
08 52 16 00-0494	EA	64-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	872.78	74.81
		For Tempered Clear Insulated Glass, Add	*144.86*	
08 52 16 00-0495	EA	71-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	931.04	78.26
		For Tempered Clear Insulated Glass, Add	*154.90*	
08 52 16 00-0496	EA	84-5/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,469.54	86.32
		For Tempered Clear Insulated Glass, Add	*259.61*	
08 52 16 00-0497		**28-3/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0461)*		
08 52 16 00-0498	EA	24-1/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	548.09	54.09
		For Tempered Clear Insulated Glass, Add	*88.21*	
08 52 16 00-0499	EA	28-3/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	601.72	56.40
		For Tempered Clear Insulated Glass, Add	*98.02*	
08 52 16 00-0500	EA	31-1/2" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	636.20	57.54
		For Tempered Clear Insulated Glass, Add	*104.22*	
08 52 16 00-0501	EA	35-15/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	700.29	59.85
		For Tempered Clear Insulated Glass, Add	*116.12*	
08 52 16 00-0502	EA	40-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	764.50	63.30
		For Tempered Clear Insulated Glass, Add	*127.81*	
08 52 16 00-0503	EA	48" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	858.57	67.33
		For Tempered Clear Insulated Glass, Add	*144.78*	
08 52 16 00-0504	EA	52-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	919.74	70.21
		For Tempered Clear Insulated Glass, Add	*156.10*	
08 52 16 00-0505	EA	59-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,012.65	73.66
		For Tempered Clear Insulated Glass, Add	*173.07*	
08 52 16 00-0506	EA	64-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,046.81	77.12
		For Tempered Clear Insulated Glass, Add	*178.75*	
08 52 16 00-0507	EA	71-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,136.79	80.57
		For Tempered Clear Insulated Glass, Add	*195.13*	
08 52 16 00-0508	EA	84-5/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,509.48	88.62
		For Tempered Clear Insulated Glass, Add	*266.68*	
08 52 16 00-0509		**31-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0461)*		
08 52 16 00-0510	EA	28-3/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	636.20	57.54
		For Tempered Clear Insulated Glass, Add	*104.22*	
08 52 16 00-0511	EA	31-1/2" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	673.23	59.28
		For Tempered Clear Insulated Glass, Add	*110.94*	

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08 52 16 00-0512	EA	35-15/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	724.22	61.57
		For Tempered Clear Insulated Glass, Add	*120.21*	
08 52 16 00-0513	EA	40-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	781.15	64.45
		For Tempered Clear Insulated Glass, Add	*130.45*	
08 52 16 00-0514	EA	48" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	863.93	69.05
		For Tempered Clear Insulated Glass, Add	*145.16*	
08 52 16 00-0515	EA	52-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	921.30	71.36
		For Tempered Clear Insulated Glass, Add	*155.72*	
08 52 16 00-0516	EA	59-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,002.93	75.96
		For Tempered Clear Insulated Glass, Add	*170.43*	
08 52 16 00-0517	EA	64-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,059.87	78.26
		For Tempered Clear Insulated Glass, Add	*180.67*	
08 52 16 00-0518	EA	71-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,143.08	82.29
		For Tempered Clear Insulated Glass, Add	*195.70*	
08 52 16 00-0519	EA	84-5/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,610.17	89.77
		For Tempered Clear Insulated Glass, Add	*286.12*	
08 52 16 00-0520		**35-15/16" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0461)*		
08 52 16 00-0521	EA	31-1/2" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	724.22	61.57
		For Tempered Clear Insulated Glass, Add	*120.21*	
08 52 16 00-0522	EA	35-15/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	796.97	63.88
		For Tempered Clear Insulated Glass, Add	*133.84*	
08 52 16 00-0523	EA	40-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	861.19	66.76
		For Tempered Clear Insulated Glass, Add	*145.54*	
08 52 16 00-0524	EA	48" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	955.24	71.36
		For Tempered Clear Insulated Glass, Add	*162.51*	
08 52 16 00-0525	EA	52-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,018.30	73.66
		For Tempered Clear Insulated Glass, Add	*174.20*	
08 52 16 00-0526	EA	59-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,109.34	78.26
		For Tempered Clear Insulated Glass, Add	*190.79*	
08 52 16 00-0527	EA	64-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	967.36	80.57
		For Tempered Clear Insulated Glass, Add	*161.25*	
08 52 16 00-0528	EA	71-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,038.73	84.60
		For Tempered Clear Insulated Glass, Add	*173.91*	
08 52 16 00-0529		**40-3/4" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0461)*		
08 52 16 00-0530	EA	35-15/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 200 Series)	849.87	66.76
		For Tempered Clear Insulated Glass, Add	*143.27*	
08 52 16 00-0531	EA	40-13/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 200 Series)	957.45	70.21
		For Tempered Clear Insulated Glass, Add	*163.64*	
08 52 16 00-0532		**48" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0461)*		
08 52 16 00-0533	EA	35-15/16" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,011.82	71.36
		For Tempered Clear Insulated Glass, Add	*173.82*	
08 52 16 00-0534	EA	40-13/16" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,121.29	74.81
		For Tempered Clear Insulated Glass, Add	*194.56*	
08 52 16 00-0535	EA	48" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,281.35	78.84
		For Tempered Clear Insulated Glass, Add	*224.74*	
08 52 16 00-0536		**59-13/16" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0461)*		
08 52 16 00-0537	EA	35-15/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,254.14	77.69
		For Tempered Clear Insulated Glass, Add	*219.75*	
08 52 16 00-0538	EA	40-13/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,349.95	80.57
		For Tempered Clear Insulated Glass, Add	*237.76*	
08 52 16 00-0539		**71-7/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0461)*		
08 52 16 00-0540	EA	24-1/8" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,372.37	78.26
		For Tempered Clear Insulated Glass, Add	*243.17*	
08 52 16 00-0541	EA	35-15/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,419.41	84.60
		For Tempered Clear Insulated Glass, Add	*250.04*	
08 52 16 00-0542	EA	40-13/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,571.67	87.47
		For Tempered Clear Insulated Glass, Add	*279.35*	
08 52 16 00-0543	EA	48" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,727.04	92.08
		For Tempered Clear Insulated Glass, Add	*308.58*	
08 52 16 00-0544		**Stationary, Awning Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0460)*		
08 52 16 00-0545		**17" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0544)*		
08 52 16 00-0546	EA	24-1/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	429.83	47.19
		For Tempered Clear Insulated Glass, Add	*67.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0547	EA	28-3/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	462.71	49.49
		For Tempered Clear Insulated Glass, Add	*72.75*	
08 52 16 00-0548	EA	31-1/2" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	484.40	51.21
		For Tempered Clear Insulated Glass, Add	*76.39*	
08 52 16 00-0549	EA	35-15/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	519.80	53.52
		For Tempered Clear Insulated Glass, Add	*82.55*	
08 52 16 00-0550	EA	40-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	557.61	56.40
		For Tempered Clear Insulated Glass, Add	*88.96*	
08 52 16 00-0551	EA	48" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	615.85	61.00
		For Tempered Clear Insulated Glass, Add	*98.77*	
08 52 16 00-0552	EA	52-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	650.63	63.30
		For Tempered Clear Insulated Glass, Add	*104.80*	
08 52 16 00-0553	EA	59-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	705.82	67.90
		For Tempered Clear Insulated Glass, Add	*114.23*	
08 52 16 00-0554	EA	64-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	743.64	70.21
		For Tempered Clear Insulated Glass, Add	*120.64*	
08 52 16 00-0555	EA	71-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	798.83	74.24
		For Tempered Clear Insulated Glass, Add	*130.07*	

08 52 16 00-0556 20-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*

08 52 16 00-0557	EA	24-1/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	455.90	49.49
		For Tempered Clear Insulated Glass, Add	*71.61*	
08 52 16 00-0558	EA	28-3/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	488.79	51.80
		For Tempered Clear Insulated Glass, Add	*77.27*	
08 52 16 00-0559	EA	31-1/2" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	508.65	52.94
		For Tempered Clear Insulated Glass, Add	*80.55*	
08 52 16 00-0560	EA	35-15/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	547.76	55.25
		For Tempered Clear Insulated Glass, Add	*87.45*	
08 52 16 00-0561	EA	40-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	585.58	58.70
		For Tempered Clear Insulated Glass, Add	*93.87*	
08 52 16 00-0562	EA	48" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	641.93	62.73
		For Tempered Clear Insulated Glass, Add	*103.30*	
08 52 16 00-0563	EA	52-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	678.59	65.60
		For Tempered Clear Insulated Glass, Add	*109.71*	
08 52 16 00-0564	EA	59-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	731.90	69.05
		For Tempered Clear Insulated Glass, Add	*118.76*	
08 52 16 00-0565	EA	64-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	771.59	72.50
		For Tempered Clear Insulated Glass, Add	*125.55*	
08 52 16 00-0566	EA	71-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	824.91	75.96
		For Tempered Clear Insulated Glass, Add	*134.60*	

08 52 16 00-0567 24-1/8" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*

08 52 16 00-0568	EA	24-1/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	485.02	51.80
		For Tempered Clear Insulated Glass, Add	*76.52*	
08 52 16 00-0569	EA	28-3/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	517.91	54.09
		For Tempered Clear Insulated Glass, Add	*82.17*	
08 52 16 00-0570	EA	31-1/2" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	535.64	55.25
		For Tempered Clear Insulated Glass, Add	*85.03*	
08 52 16 00-0571	EA	35-15/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	574.99	57.54
		For Tempered Clear Insulated Glass, Add	*91.98*	
08 52 16 00-0572	EA	40-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	612.81	61.00
		For Tempered Clear Insulated Glass, Add	*98.39*	
08 52 16 00-0573	EA	48" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	669.16	65.02
		For Tempered Clear Insulated Glass, Add	*107.82*	
08 52 16 00-0574	EA	52-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	705.82	67.90
		For Tempered Clear Insulated Glass, Add	*114.23*	
08 52 16 00-0575	EA	59-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	761.01	71.36
		For Tempered Clear Insulated Glass, Add	*123.66*	
08 52 16 00-0576	EA	64-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	798.83	74.81
		For Tempered Clear Insulated Glass, Add	*130.07*	
08 52 16 00-0577	EA	71-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	854.04	78.26
		For Tempered Clear Insulated Glass, Add	*139.50*	

08 52 16 00-0578 28-3/8" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*

08 52 16 00-0579	EA	24-1/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	487.74	54.09
		For Tempered Clear Insulated Glass, Add	*76.14*	
08 52 16 00-0580	EA	28-3/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	531.94	56.40
		For Tempered Clear Insulated Glass, Add	*84.06*	
08 52 16 00-0581	EA	31-1/2" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	556.23	57.54
		For Tempered Clear Insulated Glass, Add	*88.23*	
08 52 16 00-0582	EA	35-15/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	579.60	59.85
		For Tempered Clear Insulated Glass, Add	*91.98*	
08 52 16 00-0583	EA	40-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	662.67	63.30
		For Tempered Clear Insulated Glass, Add	*107.44*	
08 52 16 00-0584	EA	48" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	737.88	67.33
		For Tempered Clear Insulated Glass, Add	*120.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0585	EA	52-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	787.74	70.21
		For Tempered Clear Insulated Glass, Add	*129.70*	
08 52 16 00-0586	EA	59-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	861.79	73.66
		For Tempered Clear Insulated Glass, Add	*142.90*	
08 52 16 00-0587	EA	64-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	914.69	77.12
		For Tempered Clear Insulated Glass, Add	*152.32*	
08 52 16 00-0588	EA	71-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	988.75	80.57
		For Tempered Clear Insulated Glass, Add	*165.52*	
08 52 16 00-0589		31-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*		
08 52 16 00-0590	EA	28-3/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	556.23	57.54
		For Tempered Clear Insulated Glass, Add	*88.23*	
08 52 16 00-0591	EA	31-1/2" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	586.87	59.28
		For Tempered Clear Insulated Glass, Add	*93.67*	
08 52 16 00-0592	EA	35-15/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	628.26	61.57
		For Tempered Clear Insulated Glass, Add	*101.02*	
08 52 16 00-0593	EA	40-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	675.59	64.45
		For Tempered Clear Insulated Glass, Add	*109.34*	
08 52 16 00-0594	EA	48" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	743.98	69.05
		For Tempered Clear Insulated Glass, Add	*121.17*	
08 52 16 00-0595	EA	52-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	790.16	71.36
		For Tempered Clear Insulated Glass, Add	*129.49*	
08 52 16 00-0596	EA	59-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	857.39	75.96
		For Tempered Clear Insulated Glass, Add	*141.32*	
08 52 16 00-0597	EA	64-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	903.14	78.26
		For Tempered Clear Insulated Glass, Add	*149.32*	
08 52 16 00-0598	EA	71-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	970.36	82.29
		For Tempered Clear Insulated Glass, Add	*161.16*	
08 52 16 00-0599		35-15/16" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*		
08 52 16 00-0600	EA	31-1/2" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	628.26	61.57
		For Tempered Clear Insulated Glass, Add	*101.02*	
08 52 16 00-0601	EA	35-15/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	689.48	63.88
		For Tempered Clear Insulated Glass, Add	*112.35*	
08 52 16 00-0602	EA	40-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	740.50	66.76
		For Tempered Clear Insulated Glass, Add	*121.40*	
08 52 16 00-0603	EA	48" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	817.59	71.36
		For Tempered Clear Insulated Glass, Add	*134.98*	
08 52 16 00-0604	EA	52-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	867.44	73.66
		For Tempered Clear Insulated Glass, Add	*144.03*	
08 52 16 00-0605	EA	59-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	941.51	78.26
		For Tempered Clear Insulated Glass, Add	*157.23*	
08 52 16 00-0606	EA	64-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	992.52	80.57
		For Tempered Clear Insulated Glass, Add	*166.28*	
08 52 16 00-0607	EA	71-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	1,066.58	84.60
		For Tempered Clear Insulated Glass, Add	*179.48*	
08 52 16 00-0608		Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0459)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0609		Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0608)*		
08 52 16 00-0610		17" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*		
08 52 16 00-0611	EA	24-1/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	581.63	47.19
		For Tempered Low-E Insulated Glass, Add	*97.45*	
08 52 16 00-0612	EA	28-3/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	623.94	49.49
		For Tempered Low-E Insulated Glass, Add	*104.99*	
08 52 16 00-0613	EA	31-1/2" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	658.72	51.21
		For Tempered Low-E Insulated Glass, Add	*111.26*	
08 52 16 00-0614	EA	35-15/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	702.72	53.52
		For Tempered Low-E Insulated Glass, Add	*119.14*	
08 52 16 00-0615	EA	40-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	753.25	56.40
		For Tempered Low-E Insulated Glass, Add	*128.09*	
08 52 16 00-0616	EA	48" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	830.82	61.00
		For Tempered Low-E Insulated Glass, Add	*141.76*	
08 52 16 00-0617	EA	52-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	880.22	63.30
		For Tempered Low-E Insulated Glass, Add	*150.72*	
08 52 16 00-0618	EA	59-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	951.91	67.90
		For Tempered Low-E Insulated Glass, Add	*163.45*	
08 52 16 00-0619	EA	64-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	977.84	70.21
		For Tempered Low-E Insulated Glass, Add	*167.48*	
08 52 16 00-0620	EA	71-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,048.73	74.24
		For Tempered Low-E Insulated Glass, Add	*180.05*	
08 52 16 00-0621		20-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0622	EA	24-1/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	614.53	49.49
		For Tempered Low-E Insulated Glass, Add	*103.34*	
08 52 16 00-0623	EA	28-3/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	660.39	51.80
		For Tempered Low-E Insulated Glass, Add	*111.59*	
08 52 16 00-0624	EA	31-1/2" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	690.17	52.94
		For Tempered Low-E Insulated Glass, Add	*116.86*	
08 52 16 00-0625	EA	35-15/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	739.17	55.25
		For Tempered Low-E Insulated Glass, Add	*125.74*	
08 52 16 00-0626	EA	40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	789.71	58.70
		For Tempered Low-E Insulated Glass, Add	*134.69*	
08 52 16 00-0627	EA	48" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	864.91	62.73
		For Tempered Low-E Insulated Glass, Add	*147.89*	
08 52 16 00-0628	EA	52-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	914.31	65.60
		For Tempered Low-E Insulated Glass, Add	*156.85*	
08 52 16 00-0629	EA	59-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	988.36	69.05
		For Tempered Low-E Insulated Glass, Add	*170.05*	
08 52 16 00-0630	EA	64-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,011.53	72.50
		For Tempered Low-E Insulated Glass, Add	*173.53*	
08 52 16 00-0631	EA	71-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,084.76	75.96
		For Tempered Low-E Insulated Glass, Add	*186.57*	
08 52 16 00-0632	EA	84-5/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,698.35	84.02
		For Tempered Low-E Insulated Glass, Add	*306.29*	

08 52 16 00-0633 24-1/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0634	EA	24-1/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	655.68	51.80
		For Tempered Low-E Insulated Glass, Add	*110.65*	
08 52 16 00-0635	EA	28-3/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	698.00	54.09
		For Tempered Low-E Insulated Glass, Add	*118.19*	
08 52 16 00-0636	EA	31-1/2" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	726.75	55.25
		For Tempered Low-E Insulated Glass, Add	*123.25*	
08 52 16 00-0637	EA	35-15/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	776.77	57.54
		For Tempered Low-E Insulated Glass, Add	*132.34*	
08 52 16 00-0638	EA	40-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	827.31	61.00
		For Tempered Low-E Insulated Glass, Add	*141.29*	
08 52 16 00-0639	EA	48" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	904.88	65.02
		For Tempered Low-E Insulated Glass, Add	*154.96*	
08 52 16 00-0640	EA	52-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	954.27	67.90
		For Tempered Low-E Insulated Glass, Add	*163.92*	
08 52 16 00-0641	EA	59-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,028.32	71.36
		For Tempered Low-E Insulated Glass, Add	*177.12*	
08 52 16 00-0642	EA	64-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,048.73	74.81
		For Tempered Low-E Insulated Glass, Add	*180.05*	
08 52 16 00-0643	EA	71-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,119.54	78.26
		For Tempered Low-E Insulated Glass, Add	*192.60*	
08 52 16 00-0644	EA	84-5/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,788.92	86.32
		For Tempered Low-E Insulated Glass, Add	*323.49*	

08 52 16 00-0645 28-3/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0646	EA	24-1/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	653.22	54.09
		For Tempered Low-E Insulated Glass, Add	*109.24*	
08 52 16 00-0647	EA	28-3/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	719.10	56.40
		For Tempered Low-E Insulated Glass, Add	*121.49*	
08 52 16 00-0648	EA	31-1/2" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	761.34	57.54
		For Tempered Low-E Insulated Glass, Add	*129.25*	
08 52 16 00-0649	EA	35-15/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	840.31	59.85
		For Tempered Low-E Insulated Glass, Add	*144.12*	
08 52 16 00-0650	EA	40-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	919.13	63.30
		For Tempered Low-E Insulated Glass, Add	*158.74*	
08 52 16 00-0651	EA	48" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,034.41	67.33
		For Tempered Low-E Insulated Glass, Add	*179.95*	
08 52 16 00-0652	EA	52-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,109.72	70.21
		For Tempered Low-E Insulated Glass, Add	*194.09*	
08 52 16 00-0653	EA	59-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,223.85	73.66
		For Tempered Low-E Insulated Glass, Add	*215.31*	
08 52 16 00-0654	EA	64-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,265.11	77.12
		For Tempered Low-E Insulated Glass, Add	*222.41*	
08 52 16 00-0655	EA	71-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,580.86	80.57
		For Tempered Low-E Insulated Glass, Add	*283.95*	
08 52 16 00-0656	EA	84-5/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,837.69	88.62
		For Tempered Low-E Insulated Glass, Add	*332.32*	

08 52 16 00-0657 31-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0658	EA	28-3/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	761.34	57.54
		For Tempered Low-E Insulated Glass, Add	*129.25*	
08 52 16 00-0659	EA	31-1/2" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	806.77	59.28
		For Tempered Low-E Insulated Glass, Add	*137.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0660	EA	35-15/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	869.36	61.57
		For Tempered Low-E Insulated Glass, Add	*149.24*	
08 52 16 00-0661	EA	40-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	939.08	64.45
		For Tempered Low-E Insulated Glass, Add	*162.04*	
08 52 16 00-0662	EA	48" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,040.25	69.05
		For Tempered Low-E Insulated Glass, Add	*180.43*	
08 52 16 00-0663	EA	52-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,110.82	71.36
		For Tempered Low-E Insulated Glass, Add	*193.62*	
08 52 16 00-0664	EA	59-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,210.84	75.96
		For Tempered Low-E Insulated Glass, Add	*212.01*	
08 52 16 00-0665	EA	64-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,280.57	78.26
		For Tempered Low-E Insulated Glass, Add	*224.81*	
08 52 16 00-0666	EA	71-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,382.58	82.29
		For Tempered Low-E Insulated Glass, Add	*243.60*	
08 52 16 00-0667	EA	84-5/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,962.70	89.77
		For Tempered Low-E Insulated Glass, Add	*356.63*	

08 52 16 00-0668 35-15/16" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0669	EA	31-1/2" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	869.36	61.57
		For Tempered Low-E Insulated Glass, Add	*149.24*	
08 52 16 00-0670	EA	35-15/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	959.14	63.88
		For Tempered Low-E Insulated Glass, Add	*166.28*	
08 52 16 00-0671	EA	40-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,037.97	66.76
		For Tempered Low-E Insulated Glass, Add	*180.89*	
08 52 16 00-0672	EA	48" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,153.25	71.36
		For Tempered Low-E Insulated Glass, Add	*202.11*	
08 52 16 00-0673	EA	52-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,230.92	73.66
		For Tempered Low-E Insulated Glass, Add	*216.72*	
08 52 16 00-0674	EA	59-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,342.70	78.26
		For Tempered Low-E Insulated Glass, Add	*237.46*	
08 52 16 00-0675	EA	64-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,163.79	80.57
		For Tempered Low-E Insulated Glass, Add	*200.53*	
08 52 16 00-0676	EA	71-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,250.98	84.60
		For Tempered Low-E Insulated Glass, Add	*216.36*	

08 52 16 00-0677 40-3/4" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0678	EA	35-15/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,018.07	66.76
		For Tempered Low-E Insulated Glass, Add	*178.06*	
08 52 16 00-0679	EA	40-13/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,160.32	71.36
		For Tempered Low-E Insulated Glass, Add	*203.52*	

08 52 16 00-0680 48" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0681	EA	35-15/16" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,223.96	71.36
		For Tempered Low-E Insulated Glass, Add	*216.25*	
08 52 16 00-0682	EA	40-13/16" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,359.37	74.81
		For Tempered Low-E Insulated Glass, Add	*242.18*	
08 52 16 00-0683	EA	48" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,557.14	78.84
		For Tempered Low-E Insulated Glass, Add	*279.89*	

08 52 16 00-0684 59-13/16" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0685	EA	35-15/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,523.70	77.69
		For Tempered Low-E Insulated Glass, Add	*273.66*	
08 52 16 00-0686	EA	40-13/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,642.02	80.57
		For Tempered Low-E Insulated Glass, Add	*296.18*	

08 52 16 00-0687 71-7/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0688	EA	24-1/8" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,671.20	78.26
		For Tempered Low-E Insulated Glass, Add	*302.93*	
08 52 16 00-0689	EA	35-15/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,726.83	84.60
		For Tempered Low-E Insulated Glass, Add	*311.53*	
08 52 16 00-0690	EA	40-13/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,915.72	87.47
		For Tempered Low-E Insulated Glass, Add	*348.16*	
08 52 16 00-0691	EA	48" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	2,107.62	92.08
		For Tempered Low-E Insulated Glass, Add	*384.69*	

08 52 16 00-0692 Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0608)*

08 52 16 00-0693 17" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*

08 52 16 00-0694	EA	24-1/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	508.55	47.19
		For Tempered Low-E Insulated Glass, Add	*82.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0695	EA	28-3/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	548.51	49.49
		For Tempered Low-E Insulated Glass, Add	*89.91*	
08 52 16 00-0696	EA	31-1/2" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	574.76	51.21
		For Tempered Low-E Insulated Glass, Add	*94.47*	
08 52 16 00-0697	EA	35-15/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	617.86	53.52
		For Tempered Low-E Insulated Glass, Add	*102.16*	
08 52 16 00-0698	EA	40-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	663.68	56.40
		For Tempered Low-E Insulated Glass, Add	*110.18*	
08 52 16 00-0699	EA	48" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	734.18	61.00
		For Tempered Low-E Insulated Glass, Add	*122.44*	
08 52 16 00-0700	EA	52-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	776.50	63.30
		For Tempered Low-E Insulated Glass, Add	*129.98*	
08 52 16 00-0701	EA	59-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	843.48	67.90
		For Tempered Low-E Insulated Glass, Add	*141.76*	
08 52 16 00-0702	EA	64-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	889.31	70.21
		For Tempered Low-E Insulated Glass, Add	*149.78*	
08 52 16 00-0703	EA	71-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	956.29	74.24
		For Tempered Low-E Insulated Glass, Add	*161.56*	

08 52 16 00-0704 20-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*

08 52 16 00-0705	EA	24-1/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	540.29	49.49
		For Tempered Low-E Insulated Glass, Add	*88.49*	
08 52 16 00-0706	EA	28-3/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	580.25	51.80
		For Tempered Low-E Insulated Glass, Add	*95.56*	
08 52 16 00-0707	EA	31-1/2" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	604.21	52.94
		For Tempered Low-E Insulated Glass, Add	*99.66*	
08 52 16 00-0708	EA	35-15/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	651.95	55.25
		For Tempered Low-E Insulated Glass, Add	*108.29*	
08 52 16 00-0709	EA	40-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	697.78	58.70
		For Tempered Low-E Insulated Glass, Add	*116.31*	
08 52 16 00-0710	EA	48" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	765.91	62.73
		For Tempered Low-E Insulated Glass, Add	*128.09*	
08 52 16 00-0711	EA	52-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	810.59	65.60
		For Tempered Low-E Insulated Glass, Add	*136.11*	
08 52 16 00-0712	EA	59-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	875.22	69.05
		For Tempered Low-E Insulated Glass, Add	*147.42*	
08 52 16 00-0713	EA	64-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	923.39	72.50
		For Tempered Low-E Insulated Glass, Add	*155.91*	
08 52 16 00-0714	EA	71-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	988.03	75.96
		For Tempered Low-E Insulated Glass, Add	*167.22*	

08 52 16 00-0715 24-1/8" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*

08 52 16 00-0716	EA	24-1/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	575.53	51.80
		For Tempered Low-E Insulated Glass, Add	*94.62*	
08 52 16 00-0717	EA	28-3/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	615.50	54.09
		For Tempered Low-E Insulated Glass, Add	*101.69*	
08 52 16 00-0718	EA	31-1/2" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	636.79	55.25
		For Tempered Low-E Insulated Glass, Add	*105.26*	
08 52 16 00-0719	EA	35-15/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	684.84	57.54
		For Tempered Low-E Insulated Glass, Add	*113.95*	
08 52 16 00-0720	EA	40-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	730.67	61.00
		For Tempered Low-E Insulated Glass, Add	*121.96*	
08 52 16 00-0721	EA	48" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	798.81	65.02
		For Tempered Low-E Insulated Glass, Add	*133.75*	
08 52 16 00-0722	EA	52-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	843.48	67.90
		For Tempered Low-E Insulated Glass, Add	*141.76*	
08 52 16 00-0723	EA	59-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	910.46	71.36
		For Tempered Low-E Insulated Glass, Add	*153.55*	
08 52 16 00-0724	EA	64-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	956.29	74.81
		For Tempered Low-E Insulated Glass, Add	*161.56*	
08 52 16 00-0725	EA	71-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,023.28	78.26
		For Tempered Low-E Insulated Glass, Add	*173.35*	

08 52 16 00-0726 28-3/8" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*

08 52 16 00-0727	EA	24-1/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	577.79	54.09
		For Tempered Low-E Insulated Glass, Add	*94.15*	
08 52 16 00-0728	EA	28-3/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	631.89	56.40
		For Tempered Low-E Insulated Glass, Add	*104.05*	
08 52 16 00-0729	EA	31-1/2" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	661.38	57.54
		For Tempered Low-E Insulated Glass, Add	*109.26*	
08 52 16 00-0730	EA	35-15/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	689.45	59.85
		For Tempered Low-E Insulated Glass, Add	*113.95*	
08 52 16 00-0731	EA	40-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	791.84	63.30
		For Tempered Low-E Insulated Glass, Add	*133.28*	
08 52 16 00-0732	EA	48" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	883.55	67.33
		For Tempered Low-E Insulated Glass, Add	*149.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0733	EA	52-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	944.72	70.21
		For Tempered Low-E Insulated Glass, Add	*161.09*	
08 52 16 00-0734	EA	59-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,035.27	73.66
		For Tempered Low-E Insulated Glass, Add	*177.59*	
08 52 16 00-0735	EA	64-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,099.96	77.12
		For Tempered Low-E Insulated Glass, Add	*189.38*	
08 52 16 00-0736	EA	71-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,190.52	80.57
		For Tempered Low-E Insulated Glass, Add	*205.88*	
08 52 16 00-0737		31-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*		
08 52 16 00-0738	EA	28-3/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	661.38	57.54
		For Tempered Low-E Insulated Glass, Add	*109.26*	
08 52 16 00-0739	EA	31-1/2" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	698.82	59.28
		For Tempered Low-E Insulated Glass, Add	*116.06*	
08 52 16 00-0740	EA	35-15/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	749.41	61.57
		For Tempered Low-E Insulated Glass, Add	*125.25*	
08 52 16 00-0741	EA	40-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	807.14	64.45
		For Tempered Low-E Insulated Glass, Add	*135.65*	
08 52 16 00-0742	EA	48" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	890.31	69.05
		For Tempered Low-E Insulated Glass, Add	*150.44*	
08 52 16 00-0743	EA	52-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	946.89	71.36
		For Tempered Low-E Insulated Glass, Add	*160.84*	
08 52 16 00-0744	EA	59-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,028.92	75.96
		For Tempered Low-E Insulated Glass, Add	*175.63*	
08 52 16 00-0745	EA	64-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,084.66	78.26
		For Tempered Low-E Insulated Glass, Add	*185.63*	
08 52 16 00-0746	EA	71-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,166.67	82.29
		For Tempered Low-E Insulated Glass, Add	*200.42*	
08 52 16 00-0747		35-15/16" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*		
08 52 16 00-0748	EA	31-1/2" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	749.41	61.57
		For Tempered Low-E Insulated Glass, Add	*125.25*	
08 52 16 00-0749	EA	35-15/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	824.78	63.88
		For Tempered Low-E Insulated Glass, Add	*139.41*	
08 52 16 00-0750	EA	40-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	887.12	66.76
		For Tempered Low-E Insulated Glass, Add	*150.72*	
08 52 16 00-0751	EA	48" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	981.17	71.36
		For Tempered Low-E Insulated Glass, Add	*167.69*	
08 52 16 00-0752	EA	52-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,042.35	73.66
		For Tempered Low-E Insulated Glass, Add	*179.01*	
08 52 16 00-0753	EA	59-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,132.92	78.26
		For Tempered Low-E Insulated Glass, Add	*195.51*	
08 52 16 00-0754	EA	64-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,195.24	80.57
		For Tempered Low-E Insulated Glass, Add	*206.82*	
08 52 16 00-0755	EA	71-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,285.80	84.60
		For Tempered Low-E Insulated Glass, Add	*223.32*	
08 52 16 00-0756		Horizontal Sliding Wood Clad Windows *(08 52 16)*		
		Note: Sliding windows open horizontally with one or more operating sashes combined with stationary sashes		
08 52 16 00-0757		One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0756)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0758		17-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*		
08 52 16 00-0759	EA	47-1/2" x 17-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	604.93	61.00
		For Tempered Clear Insulated Glass, Add	*96.82*	
08 52 16 00-0760		23-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*		
08 52 16 00-0761	EA	35-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	556.13	56.40
		For Tempered Clear Insulated Glass, Add	*88.44*	
08 52 16 00-0762	EA	47-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	651.40	64.45
		For Tempered Clear Insulated Glass, Add	*104.73*	
08 52 16 00-0763		35-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*		
08 52 16 00-0764	EA	35-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	651.40	64.45
		For Tempered Clear Insulated Glass, Add	*104.73*	
08 52 16 00-0765	EA	47-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	746.67	71.36
		For Tempered Clear Insulated Glass, Add	*121.02*	
08 52 16 00-0766	EA	59-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	841.94	77.69
		For Tempered Clear Insulated Glass, Add	*137.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0767	EA	71-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	937.21	84.60
		For Tempered Clear Insulated Glass, Add	*153.60*	

08 52 16 00-0768 41-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*

08 52 16 00-0769	EA	35-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	700.20	67.90
		For Tempered Clear Insulated Glass, Add	*113.11*	
08 52 16 00-0770	EA	47-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	793.14	74.81
		For Tempered Clear Insulated Glass, Add	*128.93*	
08 52 16 00-0771	EA	59-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	888.41	81.14
		For Tempered Clear Insulated Glass, Add	*145.23*	
08 52 16 00-0772	EA	71-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	1,065.14	88.05
		For Tempered Clear Insulated Glass, Add	*177.81*	

08 52 16 00-0773 47-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*

08 52 16 00-0774	EA	35-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	746.67	71.36
		For Tempered Clear Insulated Glass, Add	*121.02*	
08 52 16 00-0775	EA	47-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	841.94	78.26
		For Tempered Clear Insulated Glass, Add	*137.31*	
08 52 16 00-0776	EA	59-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	937.21	84.60
		For Tempered Clear Insulated Glass, Add	*153.60*	
08 52 16 00-0777	EA	71-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	1,032.46	91.50
		For Tempered Clear Insulated Glass, Add	*169.89*	

08 52 16 00-0778 53-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*

08 52 16 00-0779	EA	47-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	888.41	81.72
		For Tempered Clear Insulated Glass, Add	*145.23*	
08 52 16 00-0780	EA	59-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	983.68	88.05
		For Tempered Clear Insulated Glass, Add	*161.52*	
08 52 16 00-0781	EA	71-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	1,078.94	94.95
		For Tempered Clear Insulated Glass, Add	*177.81*	

08 52 16 00-0782 59-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*

08 52 16 00-0783	EA	47-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	937.21	85.17
		For Tempered Clear Insulated Glass, Add	*153.60*	
08 52 16 00-0784	EA	59-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	1,032.46	91.50
		For Tempered Clear Insulated Glass, Add	*169.89*	
08 52 16 00-0785	EA	71-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	1,127.91	98.41
		For Tempered Clear Insulated Glass, Add	*186.22*	

08 52 16 00-0786 Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0756)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.

08 52 16 00-0787 22-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*

08 52 16 00-0788	EA	35-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,372.78	56.40
		For Tempered Low-E Insulated Glass, Add	*251.77*	
08 52 16 00-0789	EA	47-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,635.62	64.45
		For Tempered Low-E Insulated Glass, Add	*301.57*	

08 52 16 00-0790 35-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*

08 52 16 00-0791	EA	35-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,656.56	64.45
		For Tempered Low-E Insulated Glass, Add	*305.76*	
08 52 16 00-0792	EA	47-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,921.73	71.36
		For Tempered Low-E Insulated Glass, Add	*356.03*	
08 52 16 00-0793	EA	59-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,184.57	77.69
		For Tempered Low-E Insulated Glass, Add	*405.84*	
08 52 16 00-0794	EA	71-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,447.40	84.60
		For Tempered Low-E Insulated Glass, Add	*455.64*	

08 52 16 00-0795 41-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*

08 52 16 00-0796	EA	35-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,789.15	67.90
		For Tempered Low-E Insulated Glass, Add	*330.90*	
08 52 16 00-0797	EA	47-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,051.98	74.81
		For Tempered Low-E Insulated Glass, Add	*380.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0798	EA	59-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,317.14	81.14
		For Tempered Low-E Insulated Glass, Add	*430.97*	
08 52 16 00-0799	EA	71-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,579.99	88.05
		For Tempered Low-E Insulated Glass, Add	*480.78*	

08 52 16 00-0800 47-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*

08 52 16 00-0801	EA	35-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,921.73	71.36
		For Tempered Low-E Insulated Glass, Add	*356.03*	
08 52 16 00-0802	EA	47-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,184.57	78.26
		For Tempered Low-E Insulated Glass, Add	*405.84*	
08 52 16 00-0803	EA	59-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,447.40	84.60
		For Tempered Low-E Insulated Glass, Add	*455.64*	
08 52 16 00-0804	EA	71-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,712.55	91.50
		For Tempered Low-E Insulated Glass, Add	*505.91*	

08 52 16 00-0805 59-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*

08 52 16 00-0806	EA	35-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,184.57	78.26
		For Tempered Low-E Insulated Glass, Add	*405.84*	
08 52 16 00-0807	EA	47-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,447.40	85.17
		For Tempered Low-E Insulated Glass, Add	*455.64*	
08 52 16 00-0808	EA	59-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,712.55	91.50
		For Tempered Low-E Insulated Glass, Add	*505.91*	
08 52 16 00-0809	EA	71-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,975.39	98.41
		For Tempered Low-E Insulated Glass, Add	*555.72*	

08 52 16 00-0810 Picture Wood Clad Windows *(08 52 16)*

Note: Picture windows are fixed windows.

08 52 16 00-0811 Picture Wood Clad Windows For Awning And Casement Windows *(08 52 16 00-0810)*

08 52 16 00-0812 Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0811)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.

08 52 16 00-0813 12" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

08 52 16 00-0814	EA	40-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	476.12	46.04
		For Tempered Clear Insulated Glass, Add	*76.81*	
08 52 16 00-0815	EA	48" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	558.06	50.64
		For Tempered Clear Insulated Glass, Add	*91.36*	
08 52 16 00-0816	EA	52-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	593.12	52.94
		For Tempered Clear Insulated Glass, Add	*97.45*	
08 52 16 00-0817	EA	59-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	643.47	57.54
		For Tempered Clear Insulated Glass, Add	*105.91*	
08 52 16 00-0818	EA	64-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	677.99	59.85
		For Tempered Clear Insulated Glass, Add	*111.66*	
08 52 16 00-0819	EA	71-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	728.33	64.45
		For Tempered Clear Insulated Glass, Add	*120.12*	

08 52 16 00-0820 35-15/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

08 52 16 00-0821	EA	35-15/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	527.11	56.40
		For Tempered Clear Insulated Glass, Add	*82.86*	
08 52 16 00-0822	EA	40-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	611.14	59.85
		For Tempered Clear Insulated Glass, Add	*98.52*	
08 52 16 00-0823	EA	48" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	734.91	63.88
		For Tempered Clear Insulated Glass, Add	*121.43*	
08 52 16 00-0824	EA	52-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	815.88	66.18
		For Tempered Clear Insulated Glass, Add	*136.71*	
08 52 16 00-0825	EA	59-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	936.60	70.21
		For Tempered Clear Insulated Glass, Add	*159.24*	
08 52 16 00-0826	EA	64-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,020.63	73.09
		For Tempered Clear Insulated Glass, Add	*174.89*	
08 52 16 00-0827	EA	71-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,523.19	77.12
		For Tempered Clear Insulated Glass, Add	*273.79*	

08 52 16 00-0828 40-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

08 52 16 00-0829	EA	35-15/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	611.14	59.85
		For Tempered Clear Insulated Glass, Add	*98.52*	
08 52 16 00-0830	EA	40-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	695.18	62.15
		For Tempered Clear Insulated Glass, Add	*114.18*	
08 52 16 00-0831	EA	48" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	818.95	66.76
		For Tempered Clear Insulated Glass, Add	*137.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0832	EA	52-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	899.92	69.05
		For Tempered Clear Insulated Glass, Add	*152.36*	
08 52 16 00-0833	EA	59-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,020.63	73.66
		For Tempered Clear Insulated Glass, Add	*174.89*	
08 52 16 00-0834	EA	64-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,104.66	75.96
		For Tempered Clear Insulated Glass, Add	*190.55*	
08 52 16 00-0835	EA	71-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,225.37	80.57
		For Tempered Clear Insulated Glass, Add	*213.08*	

08 52 16 00-0836 48" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

08 52 16 00-0837	EA	35-15/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	734.91	64.45
		For Tempered Clear Insulated Glass, Add	*121.43*	
08 52 16 00-0838	EA	40-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	818.95	66.76
		For Tempered Clear Insulated Glass, Add	*137.09*	
08 52 16 00-0839	EA	48" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	942.71	71.36
		For Tempered Clear Insulated Glass, Add	*160.00*	
08 52 16 00-0840	EA	52-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,023.68	73.66
		For Tempered Clear Insulated Glass, Add	*175.27*	
08 52 16 00-0841	EA	59-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,144.40	78.26
		For Tempered Clear Insulated Glass, Add	*197.80*	
08 52 16 00-0842	EA	64-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,228.43	80.57
		For Tempered Clear Insulated Glass, Add	*213.46*	
08 52 16 00-0843	EA	71-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,349.14	85.17
		For Tempered Clear Insulated Glass, Add	*235.99*	

08 52 16 00-0844 52-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

08 52 16 00-0845	EA	35-15/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	815.88	66.76
		For Tempered Clear Insulated Glass, Add	*136.71*	
08 52 16 00-0846	EA	40-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	899.92	69.05
		For Tempered Clear Insulated Glass, Add	*152.36*	
08 52 16 00-0847	EA	48" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,023.68	73.66
		For Tempered Clear Insulated Glass, Add	*175.27*	
08 52 16 00-0848	EA	52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,104.66	75.96
		For Tempered Clear Insulated Glass, Add	*190.55*	
08 52 16 00-0849	EA	59-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,225.37	80.57
		For Tempered Clear Insulated Glass, Add	*213.08*	
08 52 16 00-0850	EA	64-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,309.41	82.86
		For Tempered Clear Insulated Glass, Add	*228.73*	
08 52 16 00-0851	EA	71-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,542.76	87.47
		For Tempered Clear Insulated Glass, Add	*273.79*	

08 52 16 00-0852 59-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

08 52 16 00-0853	EA	35-15/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	936.60	70.21
		For Tempered Clear Insulated Glass, Add	*159.24*	
08 52 16 00-0854	EA	40-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,020.63	73.66
		For Tempered Clear Insulated Glass, Add	*174.89*	
08 52 16 00-0855	EA	48" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,144.40	77.69
		For Tempered Clear Insulated Glass, Add	*197.80*	
08 52 16 00-0856	EA	52-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,225.37	79.99
		For Tempered Clear Insulated Glass, Add	*213.08*	
08 52 16 00-0857	EA	59-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,346.07	84.02
		For Tempered Clear Insulated Glass, Add	*235.61*	
08 52 16 00-0858	EA	64-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,430.11	86.89
		For Tempered Clear Insulated Glass, Add	*251.26*	
08 52 16 00-0859	EA	71-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,550.81	90.93
		For Tempered Clear Insulated Glass, Add	*273.79*	

08 52 16 00-0860 64-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

08 52 16 00-0861	EA	35-15/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,020.63	73.66
		For Tempered Clear Insulated Glass, Add	*174.89*	
08 52 16 00-0862	EA	40-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,104.66	75.96
		For Tempered Clear Insulated Glass, Add	*190.55*	
08 52 16 00-0863	EA	48" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,228.43	80.57
		For Tempered Clear Insulated Glass, Add	*213.46*	
08 52 16 00-0864	EA	52-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,309.41	82.86
		For Tempered Clear Insulated Glass, Add	*228.73*	
08 52 16 00-0865	EA	59-7/8" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,542.76	87.47
		For Tempered Clear Insulated Glass, Add	*273.79*	

08 52 16 00-0866 71-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0867	EA	35-15/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,141.33	77.12
		For Tempered Clear Insulated Glass, Add	*197.42*	
08 52 16 00-0868	EA	40-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,225.37	80.57
		For Tempered Clear Insulated Glass, Add	*213.08*	
08 52 16 00-0869	EA	48" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,349.14	84.60
		For Tempered Clear Insulated Glass, Add	*235.99*	
08 52 16 00-0870	EA	52-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,430.11	86.89
		For Tempered Clear Insulated Glass, Add	*251.26*	
08 52 16 00-0871	EA	59-7/8" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,550.81	90.93
		For Tempered Clear Insulated Glass, Add	*273.79*	

08 52 16 00-0872 Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0811)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.

08 52 16 00-0873 12" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

08 52 16 00-0874	EA	40-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	566.20	46.04
		For Tempered Low-E Insulated Glass, Add	*94.82*	
08 52 16 00-0875	EA	48" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	665.21	50.64
		For Tempered Low-E Insulated Glass, Add	*112.79*	
08 52 16 00-0876	EA	52-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	707.41	52.94
		For Tempered Low-E Insulated Glass, Add	*120.30*	
08 52 16 00-0877	EA	59-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	767.68	57.54
		For Tempered Low-E Insulated Glass, Add	*130.75*	
08 52 16 00-0878	EA	64-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	808.95	59.85
		For Tempered Low-E Insulated Glass, Add	*137.85*	
08 52 16 00-0879	EA	71-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	869.21	64.45
		For Tempered Low-E Insulated Glass, Add	*148.29*	

08 52 16 00-0880 35-15/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

08 52 16 00-0881	EA	35-15/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	624.29	56.40
		For Tempered Low-E Insulated Glass, Add	*102.30*	
08 52 16 00-0882	EA	40-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	726.69	59.85
		For Tempered Low-E Insulated Glass, Add	*121.63*	
08 52 16 00-0883	EA	48" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	877.33	63.88
		For Tempered Low-E Insulated Glass, Add	*149.92*	
08 52 16 00-0884	EA	52-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	976.21	66.18
		For Tempered Low-E Insulated Glass, Add	*168.77*	
08 52 16 00-0885	EA	59-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,123.36	70.21
		For Tempered Low-E Insulated Glass, Add	*196.59*	
08 52 16 00-0886	EA	64-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,225.75	73.09
		For Tempered Low-E Insulated Glass, Add	*215.92*	
08 52 16 00-0887	EA	71-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,844.31	77.12
		For Tempered Low-E Insulated Glass, Add	*338.02*	

08 52 16 00-0888 40-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

08 52 16 00-0889	EA	35-15/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	726.69	59.85
		For Tempered Low-E Insulated Glass, Add	*121.63*	
08 52 16 00-0890	EA	40-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	829.09	62.15
		For Tempered Low-E Insulated Glass, Add	*140.96*	
08 52 16 00-0891	EA	48" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	979.73	66.76
		For Tempered Low-E Insulated Glass, Add	*169.24*	
08 52 16 00-0892	EA	52-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,078.62	69.05
		For Tempered Low-E Insulated Glass, Add	*188.10*	
08 52 16 00-0893	EA	59-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,225.75	73.66
		For Tempered Low-E Insulated Glass, Add	*215.92*	
08 52 16 00-0894	EA	64-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,328.14	75.96
		For Tempered Low-E Insulated Glass, Add	*235.24*	
08 52 16 00-0895	EA	71-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,475.28	80.57
		For Tempered Low-E Insulated Glass, Add	*263.06*	

08 52 16 00-0896 48" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

08 52 16 00-0897	EA	35-15/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	877.33	64.45
		For Tempered Low-E Insulated Glass, Add	*149.92*	
08 52 16 00-0898	EA	40-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	979.73	66.76
		For Tempered Low-E Insulated Glass, Add	*169.24*	
08 52 16 00-0899	EA	48" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,130.36	71.36
		For Tempered Low-E Insulated Glass, Add	*197.53*	
08 52 16 00-0900	EA	52-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,229.25	73.66
		For Tempered Low-E Insulated Glass, Add	*216.39*	
08 52 16 00-0901	EA	59-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,376.39	78.26
		For Tempered Low-E Insulated Glass, Add	*244.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0902	EA	64-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,478.78	80.57
		For Tempered Low-E Insulated Glass, Add	*263.53*	
08 52 16 00-0903	EA	71-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,625.92	85.17
		For Tempered Low-E Insulated Glass, Add	*291.35*	
08 52 16 00-0904		52-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*		
08 52 16 00-0905	EA	35-15/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	976.21	66.76
		For Tempered Low-E Insulated Glass, Add	*168.77*	
08 52 16 00-0906	EA	40-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,078.62	69.05
		For Tempered Low-E Insulated Glass, Add	*188.10*	
08 52 16 00-0907	EA	48" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,229.25	73.66
		For Tempered Low-E Insulated Glass, Add	*216.39*	
08 52 16 00-0908	EA	52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,328.14	75.96
		For Tempered Low-E Insulated Glass, Add	*235.24*	
08 52 16 00-0909	EA	59-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,475.28	80.57
		For Tempered Low-E Insulated Glass, Add	*263.06*	
08 52 16 00-0910	EA	64-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,577.68	82.86
		For Tempered Low-E Insulated Glass, Add	*282.39*	
08 52 16 00-0911	EA	71-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,863.88	87.47
		For Tempered Low-E Insulated Glass, Add	*338.02*	
08 52 16 00-0912		59-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*		
08 52 16 00-0913	EA	35-15/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,123.36	70.21
		For Tempered Low-E Insulated Glass, Add	*196.59*	
08 52 16 00-0914	EA	40-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,225.75	73.66
		For Tempered Low-E Insulated Glass, Add	*215.92*	
08 52 16 00-0915	EA	48" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,376.39	77.69
		For Tempered Low-E Insulated Glass, Add	*244.20*	
08 52 16 00-0916	EA	52-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,475.28	79.99
		For Tempered Low-E Insulated Glass, Add	*263.06*	
08 52 16 00-0917	EA	59-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,622.40	84.02
		For Tempered Low-E Insulated Glass, Add	*290.87*	
08 52 16 00-0918	EA	64-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,724.80	86.89
		For Tempered Low-E Insulated Glass, Add	*310.20*	
08 52 16 00-0919	EA	71-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,871.93	90.93
		For Tempered Low-E Insulated Glass, Add	*338.02*	
08 52 16 00-0920		64-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*		
08 52 16 00-0921	EA	35-15/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,225.75	73.66
		For Tempered Low-E Insulated Glass, Add	*215.92*	
08 52 16 00-0922	EA	40-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,328.14	75.96
		For Tempered Low-E Insulated Glass, Add	*235.24*	
08 52 16 00-0923	EA	48" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,478.78	80.57
		For Tempered Low-E Insulated Glass, Add	*263.53*	
08 52 16 00-0924	EA	52-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,577.68	82.86
		For Tempered Low-E Insulated Glass, Add	*282.39*	
08 52 16 00-0925	EA	59-7/8" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,863.88	87.47
		For Tempered Low-E Insulated Glass, Add	*338.02*	
08 52 16 00-0926		71-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*		
08 52 16 00-0927	EA	35-15/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,372.87	77.12
		For Tempered Low-E Insulated Glass, Add	*243.73*	
08 52 16 00-0928	EA	40-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,475.28	80.57
		For Tempered Low-E Insulated Glass, Add	*263.06*	
08 52 16 00-0929	EA	48" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,625.92	84.60
		For Tempered Low-E Insulated Glass, Add	*291.35*	
08 52 16 00-0930	EA	52-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,724.80	86.89
		For Tempered Low-E Insulated Glass, Add	*310.20*	
08 52 16 00-0931	EA	59-7/8" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,871.93	90.93
		For Tempered Low-E Insulated Glass, Add	*338.02*	
08 52 16 00-0932		Picture Wood Clad Windows For Double Hung Windows *(08 52 16 00-0810)*		
08 52 16 00-0933		Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0932)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0934		35-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*		
08 52 16 00-0935	EA	56-1/2" x 35-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	676.46	71.93
		For Tempered Clear Insulated Glass, Add	*106.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0936	EA	59-1/2" x 35-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	694.53	73.66
		For Tempered Clear Insulated Glass, Add	*109.44*	
08 52 16 00-0937		47-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*		
08 52 16 00-0938	EA	47-1/2" x 47-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	694.53	73.66
		For Tempered Clear Insulated Glass, Add	*109.44*	
08 52 16 00-0939	EA	71-1/2" x 47-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	843.30	87.47
		For Tempered Clear Insulated Glass, Add	*133.67*	
08 52 16 00-0940		53-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*		
08 52 16 00-0941	EA	56-1/2" x 53-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	789.08	82.29
		For Tempered Clear Insulated Glass, Add	*124.90*	
08 52 16 00-0942	EA	59-1/2" x 53-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	807.15	84.02
		For Tempered Clear Insulated Glass, Add	*127.82*	
08 52 16 00-0943		56-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*		
08 52 16 00-0944	EA	35-1/2" x 56-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	676.46	72.50
		For Tempered Clear Insulated Glass, Add	*106.52*	
08 52 16 00-0945	EA	53-1/2" x 56-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	789.08	82.29
		For Tempered Clear Insulated Glass, Add	*124.90*	
08 52 16 00-0946		59-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*		
08 52 16 00-0947	EA	35-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	694.53	73.66
		For Tempered Clear Insulated Glass, Add	*109.44*	
08 52 16 00-0948	EA	53-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	807.15	84.02
		For Tempered Clear Insulated Glass, Add	*127.82*	
08 52 16 00-0949	EA	59-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	843.30	87.47
		For Tempered Clear Insulated Glass, Add	*133.67*	
08 52 16 00-0950	EA	65-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	881.53	90.93
		For Tempered Clear Insulated Glass, Add	*139.94*	
08 52 16 00-0951		65-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*		
08 52 16 00-0952	EA	59-1/2" x 65-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	881.53	90.93
		For Tempered Clear Insulated Glass, Add	*139.94*	
08 52 16 00-0953		71-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*		
08 52 16 00-0954	EA	47-1/2" x 71-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	843.30	87.47
		For Tempered Clear Insulated Glass, Add	*133.67*	
08 52 16 00-0955		Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0932)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0956		48-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*		
08 52 16 00-0957	EA	12" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	761.92	54.09
		For Tempered Low-E Insulated Glass, Add	*130.75*	
08 52 16 00-0958	EA	37-5/8" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,066.40	69.05
		For Tempered Low-E Insulated Glass, Add	*185.89*	
08 52 16 00-0959	EA	41-5/8" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,112.78	70.78
		For Tempered Low-E Insulated Glass, Add	*194.24*	
08 52 16 00-0960	EA	47-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,182.34	74.24
		For Tempered Low-E Insulated Glass, Add	*206.77*	
08 52 16 00-0961	EA	51-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,228.71	77.12
		For Tempered Low-E Insulated Glass, Add	*215.13*	
08 52 16 00-0962	EA	59-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,323.56	81.14
		For Tempered Low-E Insulated Glass, Add	*232.26*	
08 52 16 00-0963	EA	67-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,418.40	86.32
		For Tempered Low-E Insulated Glass, Add	*249.38*	
08 52 16 00-0964		52-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*		
08 52 16 00-0965	EA	12" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	810.39	56.40
		For Tempered Low-E Insulated Glass, Add	*139.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0966	EA	37-5/8" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,112.78	71.36
		For Tempered Low-E Insulated Glass, Add	*194.24*	
08 52 16 00-0967	EA	41-5/8" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,161.24	73.09
		For Tempered Low-E Insulated Glass, Add	*203.01*	
08 52 16 00-0968	EA	47-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,228.71	76.54
		For Tempered Low-E Insulated Glass, Add	*215.13*	
08 52 16 00-0969	EA	51-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,277.17	79.41
		For Tempered Low-E Insulated Glass, Add	*223.90*	
08 52 16 00-0970	EA	59-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,372.02	83.44
		For Tempered Low-E Insulated Glass, Add	*241.03*	
08 52 16 00-0971	EA	67-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,466.87	88.62
		For Tempered Low-E Insulated Glass, Add	*258.15*	

08 52 16 00-0972 56-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*

08 52 16 00-0973	EA	12" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	856.76	58.70
		For Tempered Low-E Insulated Glass, Add	*147.87*	
08 52 16 00-0974	EA	37-5/8" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,161.24	73.66
		For Tempered Low-E Insulated Glass, Add	*203.01*	
08 52 16 00-0975	EA	41-5/8" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,207.61	75.38
		For Tempered Low-E Insulated Glass, Add	*211.37*	
08 52 16 00-0976	EA	47-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,277.17	78.84
		For Tempered Low-E Insulated Glass, Add	*223.90*	
08 52 16 00-0977	EA	51-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,323.56	81.72
		For Tempered Low-E Insulated Glass, Add	*232.26*	
08 52 16 00-0978	EA	59-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,418.40	85.74
		For Tempered Low-E Insulated Glass, Add	*249.38*	
08 52 16 00-0979	EA	67-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,515.33	90.93
		For Tempered Low-E Insulated Glass, Add	*266.93*	

08 52 16 00-0980 60-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*

08 52 16 00-0981	EA	12" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	905.23	61.00
		For Tempered Low-E Insulated Glass, Add	*156.65*	
08 52 16 00-0982	EA	37-5/8" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,207.61	75.96
		For Tempered Low-E Insulated Glass, Add	*211.37*	
08 52 16 00-0983	EA	41-5/8" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,256.09	77.69
		For Tempered Low-E Insulated Glass, Add	*220.14*	
08 52 16 00-0984	EA	47-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,323.56	81.14
		For Tempered Low-E Insulated Glass, Add	*232.26*	
08 52 16 00-0985	EA	51-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,372.02	84.02
		For Tempered Low-E Insulated Glass, Add	*241.03*	
08 52 16 00-0986	EA	59-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,466.87	88.05
		For Tempered Low-E Insulated Glass, Add	*258.15*	
08 52 16 00-0987	EA	67-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,561.70	93.22
		For Tempered Low-E Insulated Glass, Add	*275.28*	

08 52 16 00-0988 64-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*

08 52 16 00-0989	EA	12" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	951.62	63.30
		For Tempered Low-E Insulated Glass, Add	*165.00*	
08 52 16 00-0990	EA	37-5/8" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,256.09	78.26
		For Tempered Low-E Insulated Glass, Add	*220.14*	
08 52 16 00-0991	EA	41-5/8" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,304.55	79.99
		For Tempered Low-E Insulated Glass, Add	*228.91*	
08 52 16 00-0992	EA	47-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,372.02	83.44
		For Tempered Low-E Insulated Glass, Add	*241.03*	
08 52 16 00-0993	EA	51-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,418.40	86.32
		For Tempered Low-E Insulated Glass, Add	*249.38*	
08 52 16 00-0994	EA	59-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,515.33	90.34
		For Tempered Low-E Insulated Glass, Add	*266.93*	
08 52 16 00-0995	EA	67-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,610.16	95.53
		For Tempered Low-E Insulated Glass, Add	*284.05*	

08 52 16 00-0996 68-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*

08 52 16 00-0997	EA	12" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,000.08	65.60
		For Tempered Low-E Insulated Glass, Add	*173.77*	
08 52 16 00-0998	EA	37-5/8" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,304.55	80.57
		For Tempered Low-E Insulated Glass, Add	*228.91*	
08 52 16 00-0999	EA	41-5/8" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,350.92	82.29
		For Tempered Low-E Insulated Glass, Add	*237.27*	
08 52 16 00-1000	EA	47-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,418.40	85.74
		For Tempered Low-E Insulated Glass, Add	*249.38*	
08 52 16 00-1001	EA	51-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,466.87	88.62
		For Tempered Low-E Insulated Glass, Add	*258.15*	
08 52 16 00-1002	EA	59-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,561.70	92.65
		For Tempered Low-E Insulated Glass, Add	*275.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-1003	EA	67-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,656.55	97.83
		For Tempered Low-E Insulated Glass, Add	*292.41*	
08 52 16 00-1004		**72-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series)** *(08 52 16 00-0955)*		
08 52 16 00-1005	EA	12" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,046.45	67.90
		For Tempered Low-E Insulated Glass, Add	*182.13*	
08 52 16 00-1006	EA	37-5/8" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,350.92	82.86
		For Tempered Low-E Insulated Glass, Add	*237.27*	
08 52 16 00-1007	EA	41-5/8" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,399.39	84.60
		For Tempered Low-E Insulated Glass, Add	*246.04*	
08 52 16 00-1008	EA	47-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,466.87	88.05
		For Tempered Low-E Insulated Glass, Add	*258.15*	
08 52 16 00-1009	EA	51-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,515.33	90.93
		For Tempered Low-E Insulated Glass, Add	*266.93*	
08 52 16 00-1010	EA	59-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,610.16	94.95
		For Tempered Low-E Insulated Glass, Add	*284.05*	
08 52 16 00-1011	EA	67-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,705.01	100.13
		For Tempered Low-E Insulated Glass, Add	*301.18*	
08 52 16 00-1012		**76-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series)** *(08 52 16 00-0955)*		
08 52 16 00-1013	EA	12" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,094.92	70.21
		For Tempered Low-E Insulated Glass, Add	*190.90*	
08 52 16 00-1014	EA	37-5/8" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,399.39	85.17
		For Tempered Low-E Insulated Glass, Add	*246.04*	
08 52 16 00-1015	EA	41-5/8" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,445.76	86.89
		For Tempered Low-E Insulated Glass, Add	*254.39*	
08 52 16 00-1016	EA	47-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,515.33	90.34
		For Tempered Low-E Insulated Glass, Add	*266.93*	
08 52 16 00-1017	EA	51-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,561.70	93.22
		For Tempered Low-E Insulated Glass, Add	*275.28*	
08 52 16 00-1018	EA	59-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,656.55	97.25
		For Tempered Low-E Insulated Glass, Add	*292.41*	
08 52 16 00-1019	EA	67-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,751.38	102.43
		For Tempered Low-E Insulated Glass, Add	*309.53*	
08 52 16 00-1020		**Picture Wood Clad Windows For Horizontal Sliding Windows** *(08 52 16 00-0810)*		
08 52 16 00-1021		**Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series)** *(08 52 16 00-1020)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-1022		**35-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series)** *(08 52 16 00-1021)*		
08 52 16 00-1023	EA	56-1/2" x 35-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	676.46	71.93
		For Tempered Clear Insulated Glass, Add	*106.52*	
08 52 16 00-1024	EA	59-1/2" x 35-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	694.53	73.66
		For Tempered Clear Insulated Glass, Add	*109.44*	
08 52 16 00-1025		**47-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series)** *(08 52 16 00-1021)*		
08 52 16 00-1026	EA	47-1/2" x 47-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	694.53	73.66
		For Tempered Clear Insulated Glass, Add	*109.44*	
08 52 16 00-1027	EA	71-1/2" x 47-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	843.30	87.47
		For Tempered Clear Insulated Glass, Add	*133.67*	
08 52 16 00-1028		**53-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series)** *(08 52 16 00-1021)*		
08 52 16 00-1029	EA	56-1/2" x 53-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	789.08	82.29
		For Tempered Clear Insulated Glass, Add	*124.90*	
08 52 16 00-1030	EA	59-1/2" x 53-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	807.15	84.02
		For Tempered Clear Insulated Glass, Add	*127.82*	
08 52 16 00-1031		**56-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series)** *(08 52 16 00-1021)*		
08 52 16 00-1032	EA	35-1/2" x 56-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	676.46	72.50
		For Tempered Clear Insulated Glass, Add	*106.52*	
08 52 16 00-1033	EA	53-1/2" x 56-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	789.08	82.29
		For Tempered Clear Insulated Glass, Add	*124.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-1034		59-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1035	EA	35-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	694.53	73.66
		For Tempered Clear Insulated Glass, Add	*109.44*	
08 52 16 00-1036	EA	53-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	807.15	84.02
		For Tempered Clear Insulated Glass, Add	*127.82*	
08 52 16 00-1037	EA	59-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	843.30	87.47
		For Tempered Clear Insulated Glass, Add	*133.67*	
08 52 16 00-1038	EA	65-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	881.53	90.93
		For Tempered Clear Insulated Glass, Add	*139.94*	
08 52 16 00-1039		65-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1040	EA	59-1/2" x 65-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	881.53	90.93
		For Tempered Clear Insulated Glass, Add	*139.94*	
08 52 16 00-1041		71-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1042	EA	47-1/2" x 71-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	843.30	87.47
		For Tempered Clear Insulated Glass, Add	*133.67*	
08 52 16 00-1043		Basement Wood Clad Windows *(08 52 16)*		
		Note: Basement windows are hinged at the bottom of the frame and swing outward with a crank or push out operation.		
08 52 16 00-1044		Basement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-1043)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware, Low-E insulated glass and insect screens. Excludes grilles.		
08 52 16 00-1045	EA	32-1/4" x 15-3/4", Basement Wood Clad Window (Andersen 400 Series)	355.84	46.04
08 52 16 00-1046	EA	32-1/4" x 19-3/4", Basement Wood Clad Window (Andersen 400 Series)	375.66	46.04
08 52 16 00-1047	EA	32-1/4" x 23-3/4", Basement Wood Clad Window (Andersen 400 Series)	393.08	46.04
08 52 16 00-1048		Factory Installed Grilles For Wood Clad Windows *(08 52 16)*		
08 52 16 00-1049		Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows *(08 52 16 00-1048)*		
08 52 16 00-1050	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	51.54	
08 52 16 00-1051	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	75.95	
08 52 16 00-1052	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	103.08	
08 52 16 00-1053	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	130.20	
08 52 16 00-1054	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	184.45	
08 52 16 00-1055		Fixed Exterior And Removable Interior Grilles, Factory Installed Grilles For Wood Clad Windows *(08 52 16 00-1048)*		
08 52 16 00-1056	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	82.46	
08 52 16 00-1057	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	121.52	
08 52 16 00-1058	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	164.92	
08 52 16 00-1059	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	208.32	
08 52 16 00-1060	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	295.12	
08 52 16 00-1061		Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows *(08 52 16 00-1048)*		
08 52 16 00-1062	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	98.95	
08 52 16 00-1063	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	145.82	
08 52 16 00-1064	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	197.90	
08 52 16 00-1065	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	249.98	
08 52 16 00-1066	EA	>36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	354.14	
08 52 16 00-1067		Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows *(08 52 16 00-1048)*		
08 52 16 00-1068	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	118.75	
08 52 16 00-1069	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	174.98	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-1070	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	237.48	
08 52 16 00-1071	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	299.98	
08 52 16 00-1072	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	424.97	

08 52 66 Wood Window Screens *(08 52)*

08 52 66 00-0001 Insect Screens For Wood Clad Windows *(08 52 66)*

08 52 66 00-0002	EA	Up To 6 SF, Insect Screen For Wood Clad Windows	50.12	10.46
08 52 66 00-0003	EA	>6 To 9 SF, Insect Screen For Wood Clad Windows	58.46	10.46
08 52 66 00-0004	EA	>9 To 12 SF, Insect Screen For Wood Clad Windows	62.63	10.46
08 52 66 00-0005	EA	>12 To 15 SF, Insect Screen For Wood Clad Windows	70.97	10.46
08 52 66 00-0006	EA	>15 To 20 SF, Insect Screen For Wood Clad Windows	87.65	10.46
08 52 66 00-0007	EA	>20 To 25 SF, Insect Screen For Wood Clad Windows	95.99	10.46
08 52 66 00-0008	EA	>25 To 30 SF, Insect Screen For Wood Clad Windows	104.34	10.46
08 52 66 00-0009	EA	>30 To 35 SF, Insect Screen For Wood Clad Windows	112.68	10.46
08 52 66 00-0010	SF	>35 SF, Insect Screen For Wood Clad Windows	3.38	0.21

08 53 Plastic Windows *(08 50)*

08 53 13 Vinyl Windows *(08 53)*

See CSI section 01 95 99 99-0002 for Vinyl Windows.

08 53 13 00-0001 Single Hung Vinyl Windows *(08 53 13)*

08 53 13 00-0002 Single Hung Vinyl Windows (Milgard Style Line™ Series) *(08 53 13 00-0001)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0003	EA	Up To 73" UI, Single Hung Vinyl Window (Milgard Style Line™ Series)	509.99	60.42
		For Colored Vinyl, Add	*38.91*	
		For Tinted Glass, Add	*46.70*	
		For Low-E Insulated Glass, Add	*97.29*	
		For Obscure Glass, Add	*107.01*	
08 53 13 00-0004	EA	>73" To 83" UI, Single Hung Vinyl Window (Milgard Style Line™ Series)	426.60	66.18
		For Colored Vinyl, Add	*29.43*	
		For Tinted Glass, Add	*35.31*	
		For Low-E Insulated Glass, Add	*73.56*	
		For Obscure Glass, Add	*80.92*	
08 53 13 00-0005	EA	>83" To 93" UI, Single Hung Vinyl Window (Milgard Style Line™ Series)	604.21	71.93
		For Colored Vinyl, Add	*46.04*	
		For Tinted Glass, Add	*55.24*	
		For Low-E Insulated Glass, Add	*115.09*	
		For Obscure Glass, Add	*126.60*	
08 53 13 00-0006	EA	>93" To 101" UI, Single Hung Vinyl Window (Milgard Style Line™ Series)	636.09	77.69
		For Colored Vinyl, Add	*48.07*	
		For Tinted Glass, Add	*57.69*	
		For Low-E Insulated Glass, Add	*120.18*	
		For Obscure Glass, Add	*132.20*	
08 53 13 00-0007	EA	>101" To 110" UI, Single Hung Vinyl Window (Milgard Style Line™ Series)	669.48	83.44
		For Colored Vinyl, Add	*50.26*	
		For Tinted Glass, Add	*60.31*	
		For Low-E Insulated Glass, Add	*125.65*	
		For Obscure Glass, Add	*138.22*	
08 53 13 00-0008	EA	>110" To 120" UI, Single Hung Vinyl Window (Milgard Style Line™ Series)	726.68	89.20
		For Colored Vinyl, Add	*54.83*	
		For Tinted Glass, Add	*65.79*	
		For Low-E Insulated Glass, Add	*137.07*	
		For Obscure Glass, Add	*150.78*	
08 53 13 00-0009	UI	>120" UI, Single Hung Vinyl Window (Milgard Style Line™ Series)	6.06	0.74
		For Colored Vinyl, Add	*0.46*	
		For Tinted Glass, Add	*0.55*	
		For Low-E Insulated Glass, Add	*1.14*	
		For Obscure Glass, Add	*1.25*	

08 53 13 00-0010 Single Hung Premium Vinyl Windows (Milgard Tuscany Series) *(08 53 13 00-0001)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear high-performance Low-E insulating glass. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0011	EA	Up To 60" (UI) United Inches, White Vinyl, Low-E2 Insulating Glass, Single Hung Window With Standard Hardware, Insect Screen (Milgard Tuscany Series)	448.58	57.54
08 53 13 00-0012	EA	>60" To 73" (UI) United Inches, White Vinyl, Low-E2 Insulating Glass, Single Hung Window With Standard Hardware, Insect Screen (Milgard Tuscany Series)	523.51	61.00
08 53 13 00-0013	EA	>73" To 83" (UI) United Inches, White Vinyl, Low-E2 Insulating Glass, Single Hung Window With Standard Hardware, Insect Screen (Milgard Tuscany Series)	600.88	66.76
08 53 13 00-0014	EA	>83" To 93" (UI) United Inches, White Vinyl, Low-E2 Insulating Glass, Single Hung Window With Standard Hardware, Insect Screen (Milgard Tuscany Series)	616.50	72.50
08 53 13 00-0015	EA	>93" To 101" (UI) United Inches, White Vinyl, Low-E2 Insulating Glass, Single Hung Window With Standard Hardware, Insect Screen (Milgard Tuscany Series)	655.19	78.26
08 53 13 00-0016	EA	>101" To 110" (UI) United Inches, White Vinyl, Low-E2 Insulating Glass, Single Hung Window With Standard Hardware, Insect Screen (Milgard Tuscany Series)	672.47	84.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0017	EA	>110" To 120" (UI) United Inches, White Vinyl, Low-E2 Insulating Glass, Single Hung Window With Standard Hardware, Insect Screen (Milgard Tuscany Series)	725.15	89.77
08 53 13 00-0018	UI	>120" (UI) United Inches, White Vinyl, Low-E2 Insulating Glass, Single Hung Window With Standard Hardware, Insect Screen (Milgard Tuscany Series)	6.06	0.74

08 53 13 00-0019 Double Hung Vinyl Windows *(08 53 13)*

08 53 13 00-0020 Double Hung Vinyl Windows (Milgard Quiet Line™ Series) *(08 53 13 00-0019)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated low E glass and insect screen. Pricing calculated by the United Inch (the combined inches of one width and one height). Minimum STC rating of 32 included in price.

08 53 13 00-0021	EA	Up To 73" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,026.59	60.42
		For Colored Vinyl, Add	*90.57*	
		For STC 44 Rating, Add	*317.01*	
		For Tempered Glass, Add	*271.72*	
08 53 13 00-0022	EA	>73" To 83" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,132.74	66.18
		For Colored Vinyl, Add	*100.04*	
		For STC 44 Rating, Add	*350.14*	
		For Tempered Glass, Add	*300.12*	
08 53 13 00-0023	EA	>83" To 93" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,231.82	71.93
		For Colored Vinyl, Add	*108.80*	
		For STC 44 Rating, Add	*380.79*	
		For Tempered Glass, Add	*326.39*	
08 53 13 00-0024	EA	>93" To 101" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,301.12	77.69
		For Colored Vinyl, Add	*114.57*	
		For STC 44 Rating, Add	*401.01*	
		For Tempered Glass, Add	*343.72*	
08 53 13 00-0025	EA	>101" To 110" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,375.73	83.44
		For Colored Vinyl, Add	*120.89*	
		For STC 44 Rating, Add	*423.10*	
		For Tempered Glass, Add	*362.66*	
08 53 13 00-0026	EA	>110" To 120" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,497.13	89.20
		For Colored Vinyl, Add	*131.87*	
		For STC 44 Rating, Add	*461.56*	
		For Tempered Glass, Add	*395.62*	
08 53 13 00-0027	UI	>120" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	12.50	0.74
		For Colored Vinyl, Add	*1.10*	
		For STC 44 Rating, Add	*3.85*	
		For Tempered Glass, Add	*3.30*	

08 53 13 00-0028 Casement Vinyl Windows *(08 53 13)*

08 53 13 00-0029 Casement Vinyl Windows (Milgard Quiet Line™ Series) *(08 53 13 00-0028)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated low E glass and insect screen. Pricing calculated by the United Inch (the combined inches of one width and one height). Minimum STC rating of 32 included in price.

08 53 13 00-0030 One Operating Sash, Casement Vinyl Windows (Milgard Quiet Line™ Series) *(08 53 13 00-0029)*

08 53 13 00-0031	EA	Up To 53" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	999.68	48.92
		For Colored Vinyl, Add	*90.19*	
		For STC 44 Rating, Add	*315.65*	
		For Tempered Glass, Add	*270.56*	
08 53 13 00-0032	EA	>53 To 63" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,136.69	54.67
		For Colored Vinyl, Add	*102.74*	
		For STC 44 Rating, Add	*359.57*	
		For Tempered Glass, Add	*308.21*	
08 53 13 00-0033	EA	>63 To 73" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,259.49	60.42
		For Colored Vinyl, Add	*113.86*	
		For STC 44 Rating, Add	*398.52*	
		For Tempered Glass, Add	*341.59*	
08 53 13 00-0034	EA	>73" To 83" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,368.13	66.18
		For Colored Vinyl, Add	*123.58*	
		For STC 44 Rating, Add	*432.52*	
		For Tempered Glass, Add	*370.73*	
08 53 13 00-0035	EA	>83" To 93" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,462.60	71.93
		For Colored Vinyl, Add	*131.87*	
		For STC 44 Rating, Add	*461.56*	
		For Tempered Glass, Add	*395.62*	
08 53 13 00-0036	EA	>93" To 101" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,515.94	77.69
		For Colored Vinyl, Add	*136.06*	
		For STC 44 Rating, Add	*476.20*	
		For Tempered Glass, Add	*408.17*	
08 53 13 00-0037	UI	>101" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	14.96	0.74
		For Colored Vinyl, Add	*1.35*	
		For STC 44 Rating, Add	*4.71*	
		For Tempered Glass, Add	*4.04*	

08 53 13 00-0038 Two Operating Sashes, Casement Vinyl Windows (Milgard Quiet Line™ Series) *(08 53 13 00-0029)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0039	EA	Up To 73" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,699.44	60.42
		For Colored Vinyl, Add	*157.86*	
		For STC 44 Rating, Add	*552.51*	
		For Tempered Glass, Add	*473.58*	
08 53 13 00-0040	EA	>73" To 83" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,868.32	66.18
		For Colored Vinyl, Add	*173.60*	
		For STC 44 Rating, Add	*607.59*	
		For Tempered Glass, Add	*520.79*	
08 53 13 00-0041	EA	>83" To 93" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	2,023.06	71.93
		For Colored Vinyl, Add	*187.92*	
		For STC 44 Rating, Add	*657.72*	
		For Tempered Glass, Add	*563.76*	
08 53 13 00-0042	EA	>93" To 101" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	2,124.62	77.69
		For Colored Vinyl, Add	*196.92*	
		For STC 44 Rating, Add	*689.23*	
		For Tempered Glass, Add	*590.77*	
08 53 13 00-0043	EA	>101" To 110" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	2,233.60	83.44
		For Colored Vinyl, Add	*206.67*	
		For STC 44 Rating, Add	*723.35*	
		For Tempered Glass, Add	*620.02*	
08 53 13 00-0044	EA	>110" To 120" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	2,347.93	89.20
		For Colored Vinyl, Add	*216.95*	
		For STC 44 Rating, Add	*759.34*	
		For Tempered Glass, Add	*650.86*	
08 53 13 00-0045	UI	>120" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	19.58	0.74
		For Colored Vinyl, Add	*1.81*	
		For STC 44 Rating, Add	*6.33*	
		For Tempered Glass, Add	*5.42*	

08 53 13 00-0046 Awning Vinyl Windows *(08 53 13)*

08 53 13 00-0047 Awning Vinyl Windows (Milgard Style Line™ Series) *(08 53 13 00-0046)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0048	EA	Up To 53" UI, Awning Vinyl Window (Milgard Style Line™ Series)	612.41	48.92
		For Colored Vinyl, Add	*51.46*	
		For Tinted Glass, Add	*61.75*	
		For Low-E Insulated Glass, Add	*128.65*	
		For Obscure Glass, Add	*141.51*	
08 53 13 00-0049	EA	>53" To 63" UI, Awning Vinyl Window (Milgard Style Line™ Series)	709.03	54.67
		For Colored Vinyl, Add	*59.97*	
		For Tinted Glass, Add	*71.96*	
		For Low-E Insulated Glass, Add	*149.92*	
		For Obscure Glass, Add	*164.91*	
08 53 13 00-0050	EA	>63" To 73" UI, Awning Vinyl Window (Milgard Style Line™ Series)	801.85	60.42
		For Colored Vinyl, Add	*68.10*	
		For Tinted Glass, Add	*81.72*	
		For Low-E Insulated Glass, Add	*170.25*	
		For Obscure Glass, Add	*187.28*	
08 53 13 00-0051	EA	>73" To 83" UI, Awning Vinyl Window (Milgard Style Line™ Series)	890.81	66.18
		For Colored Vinyl, Add	*75.85*	
		For Tinted Glass, Add	*91.02*	
		For Low-E Insulated Glass, Add	*189.62*	
		For Obscure Glass, Add	*208.58*	
08 53 13 00-0052	EA	>83" To 93" UI, Awning Vinyl Window (Milgard Style Line™ Series)	976.01	71.93
		For Colored Vinyl, Add	*83.22*	
		For Tinted Glass, Add	*99.86*	
		For Low-E Insulated Glass, Add	*208.04*	
		For Obscure Glass, Add	*228.84*	
08 53 13 00-0053	EA	>93" To 101" UI, Awning Vinyl Window (Milgard Style Line™ Series)	1,020.64	77.69
		For Colored Vinyl, Add	*86.53*	
		For Tinted Glass, Add	*103.83*	
		For Low-E Insulated Glass, Add	*216.32*	
		For Obscure Glass, Add	*237.95*	
08 53 13 00-0054	UI	>101" UI, Awning Vinyl Window (Milgard Style Line™ Series)	10.07	0.74
		For Colored Vinyl, Add	*0.86*	
		For Tinted Glass, Add	*1.03*	
		For Low-E Insulated Glass, Add	*2.14*	
		For Obscure Glass, Add	*2.36*	

08 53 13 00-0055 Horizontal Sliding Vinyl Windows *(08 53 13)*

08 53 13 00-0056 Horizontal Sliding Vinyl Windows (Milgard Quiet Line™ Series) *(08 53 13 00-0055)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated low E glass and insect screen. Pricing calculated by the United Inch (the combined inches of one width and one height). Minimum STC rating of 32 included in price.

08 53 13 00-0057	EA	Up To 73" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	923.09	60.42
		For Colored Vinyl, Add	*80.22*	
		For STC 44 Rating, Add	*280.78*	
		For Tempered Glass, Add	*240.67*	
08 53 13 00-0058	EA	>73" To 83" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	1,015.06	66.18
		For Colored Vinyl, Add	*88.27*	
		For STC 44 Rating, Add	*308.95*	
		For Tempered Glass, Add	*264.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0059	EA	>83" To 93" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	1,099.93	71.93
		For Colored Vinyl, Add	*95.61*	
		For STC 44 Rating, Add	*334.62*	
		For Tempered Glass, Add	*286.82*	
08 53 13 00-0060	EA	>93" To 101" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	1,157.89	77.69
		For Colored Vinyl, Add	*100.25*	
		For STC 44 Rating, Add	*350.88*	
		For Tempered Glass, Add	*300.75*	
08 53 13 00-0061	EA	>101" To 110" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	1,219.75	83.44
		For Colored Vinyl, Add	*105.29*	
		For STC 44 Rating, Add	*368.50*	
		For Tempered Glass, Add	*315.86*	
08 53 13 00-0062	EA	>110" To 120" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	1,326.97	89.20
		For Colored Vinyl, Add	*114.86*	
		For STC 44 Rating, Add	*402.00*	
		For Tempered Glass, Add	*344.57*	
08 53 13 00-0063	UI	>120" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	11.07	0.74
		For Colored Vinyl, Add	*0.96*	
		For STC 44 Rating, Add	*3.35*	
		For Tempered Glass, Add	*2.87*	

08 53 13 00-0064 Horizontal Sliding Vinyl Windows (Milgard Style Line™ Series) *(08 53 13 00-0055)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0065	EA	Up To 73" UI, Horizontal Sliding Vinyl Window (Milgard Style Line™ Series)	596.24	60.42
		For Colored Vinyl, Add	*47.54*	
		For Tinted Glass, Add	*57.05*	
		For Low-E Insulated Glass, Add	*118.85*	
		For Obscure Glass, Add	*130.73*	
08 53 13 00-0066	EA	>73" To 83" UI, Horizontal Sliding Vinyl Window (Milgard Style Line™ Series)	655.43	66.18
		For Colored Vinyl, Add	*52.31*	
		For Tinted Glass, Add	*62.77*	
		For Low-E Insulated Glass, Add	*130.77*	
		For Obscure Glass, Add	*143.85*	
08 53 13 00-0067	EA	>83" To 93" UI, Horizontal Sliding Vinyl Window (Milgard Style Line™ Series)	710.44	71.93
		For Colored Vinyl, Add	*56.66*	
		For Tinted Glass, Add	*67.99*	
		For Low-E Insulated Glass, Add	*141.65*	
		For Obscure Glass, Add	*155.81*	
08 53 13 00-0068	EA	>93" To 101" UI, Horizontal Sliding Vinyl Window (Milgard Style Line™ Series)	749.46	77.69
		For Colored Vinyl, Add	*59.41*	
		For Tinted Glass, Add	*71.29*	
		For Low-E Insulated Glass, Add	*148.52*	
		For Obscure Glass, Add	*163.37*	
08 53 13 00-0069	EA	>101" To 110" UI, Horizontal Sliding Vinyl Window (Milgard Style Line™ Series)	790.80	83.44
		For Colored Vinyl, Add	*62.39*	
		For Tinted Glass, Add	*74.87*	
		For Low-E Insulated Glass, Add	*155.98*	
		For Obscure Glass, Add	*171.58*	
08 53 13 00-0070	EA	>110" To 120" UI, Horizontal Sliding Vinyl Window (Milgard Style Line™ Series)	859.03	89.20
		For Colored Vinyl, Add	*68.06*	
		For Tinted Glass, Add	*81.68*	
		For Low-E Insulated Glass, Add	*170.16*	
		For Obscure Glass, Add	*187.18*	
08 53 13 00-0071	UI	>120" UI, Horizontal Sliding Vinyl Window (Milgard Style Line™ Series)	7.18	0.74
		For Colored Vinyl, Add	*0.57*	
		For Tinted Glass, Add	*0.68*	
		For Low-E Insulated Glass, Add	*1.42*	
		For Obscure Glass, Add	*1.56*	

08 53 13 00-0072 Horizontal Sliding Premium Vinyl Windows (Milgard Tuscany Series) *(08 53 13 00-0055)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear high-performance Low-E insulating glass. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0073	EA	Up To 60" (UI) United Inches, White Vinyl, Low-E2 Insulating Glass, Horizontal Slider Window With Standard Hardware, Insect Screen (Milgard Tuscany Series)	448.58	57.54
08 53 13 00-0074	EA	>60" To 73" (UI) United Inches, White Vinyl, Low-E2 Insulating Glass, Horizontal Slider Window With Standard Hardware, Insect Screen (Milgard Tuscany Series)	516.92	61.00
08 53 13 00-0075	EA	>73" To 83" (UI) United Inches, White Vinyl, Low-E2 Insulating Glass, Horizontal Slider Window With Standard Hardware, Insect Screen (Milgard Tuscany Series)	594.29	66.76
08 53 13 00-0076	EA	>83" To 93" (UI) United Inches, White Vinyl, Low-E2 Insulating Glass, Horizontal Slider Window With Standard Hardware, Insect Screen (Milgard Tuscany Series)	609.91	66.76
08 53 13 00-0077	EA	>93" To 101" (UI) United Inches, White Vinyl, Low-E2 Insulating Glass, Horizontal Slider Window With Standard Hardware, Insect Screen (Milgard Tuscany Series)	661.78	78.26
08 53 13 00-0078	EA	>101" To 110" (UI) United Inches, White Vinyl, Low-E2 Insulating Glass, Horizontal Slider Window With Standard Hardware, Insect Screen (Milgard Tuscany Series)	679.04	84.02
08 53 13 00-0079	EA	>110" To 120" (UI) United Inches, White Vinyl, Low-E2 Insulating Glass, Horizontal Slider Window With Standard Hardware, Insect Screen (Milgard Tuscany Series)	894.76	89.77
08 53 13 00-0080	UI	>120" (UI) United Inches, White Vinyl, Low-E2 Insulating Glass, Horizontal Slider Window With Standard Hardware, Insect Screen (Milgard Tuscany Series)	7.47	0.74

08 53 13 00-0081 Fixed Picture Vinyl Windows *(08 53 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0082		**Fixed Picture Vinyl Windows (Milgard Style Line™ Series)** *(08 53 13 00-0081)* Note: Includes white solid vinyl interior and exterior, standard hardware, clear high-performance Low-E insulating glass. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height). Minimum STC rating of 32 included in price.		
08 53 13 00-0083	EA	Up To 53" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	679.01	48.92
		For Colored Vinyl, Add	*58.12*	
		For Tinted Glass, Add	*69.74*	
		For Low-E Insulated Glass, Add	*145.30*	
		For Obscure Glass, Add	*159.82*	
		For STC 44 Rating, Add	*203.41*	
08 53 13 00-0084	EA	>53 To 63" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	771.42	54.67
		For Colored Vinyl, Add	*66.21*	
		For Tinted Glass, Add	*79.45*	
		For Low-E Insulated Glass, Add	*165.52*	
		For Obscure Glass, Add	*182.07*	
		For STC 44 Rating, Add	*231.73*	
08 53 13 00-0085	EA	>63 To 73" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	854.66	60.42
		For Colored Vinyl, Add	*73.38*	
		For Tinted Glass, Add	*88.06*	
		For Low-E Insulated Glass, Add	*183.45*	
		For Obscure Glass, Add	*201.80*	
		For STC 44 Rating, Add	*256.83*	
08 53 13 00-0086	EA	>73" To 83" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	928.75	66.18
		For Colored Vinyl, Add	*79.64*	
		For Tinted Glass, Add	*95.57*	
		For Low-E Insulated Glass, Add	*199.10*	
		For Obscure Glass, Add	*219.01*	
		For STC 44 Rating, Add	*278.74*	
08 53 13 00-0087	EA	>83" To 93" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	993.71	71.93
		For Colored Vinyl, Add	*84.99*	
		For Tinted Glass, Add	*101.98*	
		For Low-E Insulated Glass, Add	*212.46*	
		For Obscure Glass, Add	*233.71*	
		For STC 44 Rating, Add	*297.45*	
08 53 13 00-0088	EA	>93" To 101" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	1,032.19	77.69
		For Colored Vinyl, Add	*87.68*	
		For Tinted Glass, Add	*105.22*	
		For Low-E Insulated Glass, Add	*219.20*	
		For Obscure Glass, Add	*241.12*	
		For STC 44 Rating, Add	*306.88*	
08 53 13 00-0089	UI	>101" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	10.18	0.74
		For Colored Vinyl, Add	*0.87*	
		For Tinted Glass, Add	*1.04*	
		For Low-E Insulated Glass, Add	*2.17*	
		For Obscure Glass, Add	*2.39*	
		For STC 44 Rating, Add	*3.04*	
08 53 13 00-0090		**Accessories For Vinyl Windows** *(08 53 13)*		
08 53 13 00-0091		**Factory Installed Grilles For Vinyl Windows** *(08 53 13 00-0090)*		
08 53 13 00-0092		**Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows** *(08 53 13 00-0091)*		
08 53 13 00-0093	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	71.08	
08 53 13 00-0094	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	91.39	
08 53 13 00-0095	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	117.71	
08 53 13 00-0096	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	138.94	
08 53 13 00-0097	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	170.79	
08 53 13 00-0098		**Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows** *(08 53 13 00-0091)*		
08 53 13 00-0099	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	161.56	
08 53 13 00-0100	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	193.87	
08 53 13 00-0101	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	244.64	
08 53 13 00-0102	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	304.65	
08 53 13 00-0103	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	364.66	
08 53 13 00-0104		**Vinyl Windows Replacement** *(08 53 13)* Note: All labor, material and equipment to remove existing windows and Security bars install new windows (Milgard, Quite Line Series). Includes white solid vinyl interior and exterior, standard hardware, clear insulated low E glass and insect screen. Minimum STC rating of 44, Chip clean and repair any stucco as needed and repair drywall as needed (allow 2 SF each of stucco and drywall chip, cut and repair), stucco key replacement, caulking and sealants. This list may not cover all individual items involved in the new window removal and installation, however it is intended to represent the complete in-place window replacement.		
08 53 13 00-0105		**Double Hung Vinyl Windows** *(08 53 13 00-0104)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0106		Double Hung Flanged Vinyl Windows (Milgard Quiet Line™ Series) *(08 53 13 00-0105)*		
08 53 13 00-0107	EA	Up To 73" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,087.01	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*27.19*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
08 53 13 00-0108	EA	>73" To 83" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,198.93	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.78*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
08 53 13 00-0109	EA	>83" To 93" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,303.76	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.37*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
08 53 13 00-0110	EA	>93" To 101" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,378.81	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.96*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
08 53 13 00-0111	EA	>101" To 110" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,459.17	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*37.55*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
08 53 13 00-0112	EA	>110" To 120" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,586.33	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*40.14*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
08 53 13 00-0113	UI	>120" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	13.25	
		For Re-Installation Of Existing Security Bars, Add	*0.34*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.34*	
		For New Security Bar Installation (includes foot quick release), Add	*6.62*	
08 53 13 00-0114		Casement Vinyl Windows *(08 53 13 00-0104)*		
08 53 13 00-0115		Casement Flanged Vinyl Windows (Milgard Quiet Line™ Series) *(08 53 13 00-0114)*		
08 53 13 00-0116		One Operating Sash, Casement Vinyl Windows (Milgard Quiet Line™ Series) *(08 53 13 00-0115)*		
08 53 13 00-0117	EA	Up To 53" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,048.59	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*22.01*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
08 53 13 00-0118	EA	>53 To 63" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,191.36	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*24.60*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
08 53 13 00-0119	EA	>63 To 73" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,319.91	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*27.19*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
08 53 13 00-0120	EA	>73" To 83" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,434.32	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.78*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
08 53 13 00-0121	EA	>83" To 93" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,534.54	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.37*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
08 53 13 00-0122	EA	>93" To 101" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,593.63	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.96*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
08 53 13 00-0123	UI	>101" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	15.71	
		For Re-Installation Of Existing Security Bars, Add	*0.34*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.34*	
		For New Security Bar Installation (includes foot quick release), Add	*6.62*	
08 53 13 00-0124		Two Operating Sashes, Casement Vinyl Windows (Milgard Quiet Line™ Series) *(08 53 13 00-0115)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0125	EA	Up To 73" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,759.86	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*27.19*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
08 53 13 00-0126	EA	>73" To 83" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,934.51	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.78*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
08 53 13 00-0127	EA	>83" To 93" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	2,095.00	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.37*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
08 53 13 00-0128	EA	>93" To 101" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	2,202.31	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.96*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
08 53 13 00-0129	EA	>101" To 110" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	2,317.04	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*37.55*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
08 53 13 00-0130	EA	>110" To 120" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	2,437.13	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*40.14*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
08 53 13 00-0131	UI	>120" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	20.33	
		For Re-Installation Of Existing Security Bars, Add	*0.34*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.34*	
		For New Security Bar Installation (includes foot quick release), Add	*6.62*	

08 53 13 00-0132 Horizontal Sliding Vinyl Windows *(08 53 13 00-0104)*

08 53 13 00-0133 Horizontal Flanged Sliding Vinyl Windows (Milgard Quiet Line™ Series) *(08 53 13 00-0132)*

08 53 13 00-0134	EA	Up To 73" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	983.51	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*27.19*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
08 53 13 00-0135	EA	>73" To 83" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	1,081.25	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.78*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
08 53 13 00-0136	EA	>83" To 93" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	1,171.87	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.37*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
08 53 13 00-0137	EA	>93" To 101" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	1,235.58	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.96*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
08 53 13 00-0138	EA	>101" To 110" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	1,303.19	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*37.55*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
08 53 13 00-0139	EA	>110" To 120" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	1,416.17	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*40.14*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
08 53 13 00-0140	UI	>120" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	11.82	
		For Re-Installation Of Existing Security Bars, Add	*0.34*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.34*	
		For New Security Bar Installation (includes foot quick release), Add	*6.62*	

08 53 13 00-0141 Fixed Picture Vinyl Windows *(08 53 13 00-0104)*

08 53 13 00-0142 Fixed Picture Flanged Vinyl Windows (Milgard Style Line™ Series) *(08 53 13 00-0141)*

08 53 13 00-0143	EA	Up To 53" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	727.92	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*22.01*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0144	EA	>53 To 63" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	826.09	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*24.60*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
08 53 13 00-0145	EA	>63 To 73" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	915.08	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*27.19*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
08 53 13 00-0146	EA	>73" To 83" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	994.94	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.78*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
08 53 13 00-0147	EA	>83" To 93" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	1,065.65	
		For Re-Installation Of Existing Security Bars, Add	*28.76*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.37*	
		For New Security Bar Installation (includes foot quick release), Add	*594.09*	
08 53 13 00-0148	EA	>93" To 101" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	1,109.88	
		For Re-Installation Of Existing Security Bars, Add	*40.26*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.96*	
		For New Security Bar Installation (includes foot quick release), Add	*794.04*	
08 53 13 00-0149	UI	>101" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	10.93	
		For Re-Installation Of Existing Security Bars, Add	*0.34*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.34*	
		For New Security Bar Installation (includes foot quick release), Add	*6.62*	

08 53 13 00-0150 Accessories For Vinyl Windows *(08 53 13 00-0104)*

08 53 13 00-0151 Factory Installed Grilles For Vinyl Windows *(08 53 13 00-0150)*

08 53 13 00-0152 Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows *(08 53 13 00-0151)*

08 53 13 00-0153	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	71.08	
08 53 13 00-0154	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	91.39	
08 53 13 00-0155	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	117.71	
08 53 13 00-0156	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	138.94	
08 53 13 00-0157	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	170.79	

08 53 13 00-0158 Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows *(08 53 13 00-0151)*

08 53 13 00-0159	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	161.56	
08 53 13 00-0160	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	193.87	
08 53 13 00-0161	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	244.64	
08 53 13 00-0162	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	304.65	
08 53 13 00-0163	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	364.66	

08 53 13 00-0164 Meeting Egress Code For Windows *(08 53 13 00-0104)*

08 53 13 00-0165	EA	Drop Sill Up To 47" Note: Includes king stud, trimmers, cripples, exterior flashing, stucco molding, stucco patch with fog coat, drywall texture to match existing 90%, insulation if applicable (R-15), lath and paper overlap, backer rod, caulking, paint touch-up to match existing minimum 90% (hand applied only)	382.75	
08 53 13 00-0166	EA	Enlarge Sideways Up To 49" Wide Note: Includes header, king stud, trimmers, cripples, exterior flashing, stucco molding, stucco path with fog coat, drywall texture to match existing 90%, insulation if applicable (R-15), lath and paper overlap, backer rod, caulking, paint touch-up to match existing minimum 90% (hand applied only	506.55	

08 53 66 Vinyl Window Screens *(08 53)*

08 53 66 00-0001 Insect Screens For Vinyl Windows *(08 53 66)*

08 53 66 00-0002	EA	Up To 6 SF, Insect Screen For Vinyl Windows	67.08	10.46
08 53 66 00-0003	EA	>6 To 9 SF, Insect Screen For Vinyl Windows	94.77	10.46
08 53 66 00-0004	EA	>9 To 12 SF, Insect Screen For Vinyl Windows	104.01	10.46
08 53 66 00-0005	EA	>12 To 15 SF, Insect Screen For Vinyl Windows	122.47	10.46
08 53 66 00-0006	EA	>15 To 20 SF, Insect Screen For Vinyl Windows	164.01	10.46
08 53 66 00-0007	EA	>20 To 25 SF, Insect Screen For Vinyl Windows	182.48	10.46
08 53 66 00-0008	EA	>25 To 30 SF, Insect Screen For Vinyl Windows	210.17	10.46
08 53 66 00-0009	EA	>30 To 35 SF, Insect Screen For Vinyl Windows	228.64	10.46
08 53 66 00-0010	SF	>35 SF, Insect Screen For Vinyl Windows	6.98	0.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 56 Special Function Windows *(08 50)*

08 56 19 Pass Windows *(08 56)*

08 56 19 00-0001 Bullet Resistant Pass Through Service Window, Steel Frame *(08 56 19)*

Note: Secure air passage for voice transmission; Natural Voice Transmission (NVR)

08 56 19 00-0002	EA	24" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	4,975.11	752.96
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*45.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*295.00*	
08 56 19 00-0003	EA	30" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	5,473.88	815.70
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*60.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*370.00*	
08 56 19 00-0004	EA	36" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	5,759.47	878.46
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*70.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*445.00*	
08 56 19 00-0005	EA	48" x 40", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	7,201.23	1,003.95
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*100.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*650.00*	
08 56 19 00-0006	EA	72" x 40", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	9,737.33	1,505.92
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*150.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*975.00*	

08 56 56 Security Window Screens *(08 56)*

Note: Includes frame and mounting hardware. Operable security screens include hinges and related hardware.

08 56 56 00-0001 Wire Mesh Security Screen *(08 56 56)*

08 56 56 00-0002 Wire Mesh, Inoperable, Security Window Screen *(08 56 56 00-0001)*

08 56 56 00-0003	SF	13 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	43.09	5.65
		For Painted Steel, Add	*3.56*	
		For Galvanized Steel, Add	*7.11*	
		For Aluminum, Add	*14.22*	
		For Stainless Steel, Add	*62.23*	
08 56 56 00-0004	SF	11 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	44.11	5.65
		For Painted Steel, Add	*3.66*	
		For Galvanized Steel, Add	*7.32*	
		For Aluminum, Add	*14.63*	
		For Stainless Steel, Add	*64.02*	
08 56 56 00-0005	SF	9 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	48.80	5.65
		For Painted Steel, Add	*4.13*	
		For Galvanized Steel, Add	*8.25*	
		For Aluminum, Add	*16.51*	
		For Stainless Steel, Add	*72.22*	
08 56 56 00-0006	SF	6 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	58.84	5.65
		For Painted Steel, Add	*5.13*	
		For Galvanized Steel, Add	*10.26*	
		For Aluminum, Add	*20.52*	
		For Stainless Steel, Add	*89.79*	

08 56 56 00-0007 Wire Mesh, Operable, Security Window Screen *(08 56 56 00-0001)*

08 56 56 00-0008	SF	13 Gauge, Wire Mesh, Operable, Steel Security Window Screen	60.69	6.90
		For Painted Steel, Add	*5.07*	
		For Galvanized Steel, Add	*10.13*	
		For Aluminum, Add	*20.26*	
		For Stainless Steel, Add	*88.64*	
08 56 56 00-0009	SF	11 Gauge, Wire Mesh, Operable, Steel Security Window Screen	62.24	6.90
		For Painted Steel, Add	*5.22*	
		For Galvanized Steel, Add	*10.44*	
		For Aluminum, Add	*20.88*	
		For Stainless Steel, Add	*91.35*	
08 56 56 00-0010	SF	9 Gauge, Wire Mesh, Operable, Steel Security Window Screen	68.97	6.90
		For Painted Steel, Add	*5.89*	
		For Galvanized Steel, Add	*11.79*	
		For Aluminum, Add	*23.57*	
		For Stainless Steel, Add	*103.13*	
08 56 56 00-0011	SF	6 Gauge, Wire Mesh, Operable, Steel Security Window Screen	83.04	6.90
		For Painted Steel, Add	*7.30*	
		For Galvanized Steel, Add	*14.60*	
		For Aluminum, Add	*29.20*	
		For Stainless Steel, Add	*127.75*	

08 56 56 00-0012 Wire Cloth Security Screen *(08 56 56)*

Note: Wire cloth has from 10 to 12 strands per 1".

08 56 56 00-0013 Wire Cloth, Inoperable, Security Window Screens *(08 56 56 00-0012)*

08 56 56 00-0014	SF	24 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	27.48	3.76
		For Painted Steel, Add	*1.06*	
		For Galvanized Steel, Add	*3.18*	
		For Aluminum, Add	*6.36*	
		For Stainless Steel, Add	*26.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 56 00-0015	SF	22 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	28.91	3.76
		For Painted Steel, Add	*1.13*	
		For Galvanized Steel, Add	*3.40*	
		For Aluminum, Add	*6.79*	
		For Stainless Steel, Add	*28.30*	
08 56 56 00-0016	SF	20 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	31.15	3.76
		For Painted Steel, Add	*1.24*	
		For Galvanized Steel, Add	*3.73*	
		For Aluminum, Add	*7.46*	
		For Stainless Steel, Add	*31.10*	
08 56 56 00-0017	SF	18 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	35.43	3.76
		For Painted Steel, Add	*1.46*	
		For Galvanized Steel, Add	*4.37*	
		For Aluminum, Add	*8.75*	
		For Stainless Steel, Add	*36.45*	
08 56 56 00-0018		**Wire Cloth, Operable, Security Window Screens** *(08 56 56 00-0012)*		
08 56 56 00-0019	SF	24 Gauge, Wire Cloth, Operable, Steel Security Window Screen	37.75	5.02
		For Painted Steel, Add	*1.51*	
		For Galvanized Steel, Add	*4.53*	
		For Aluminum, Add	*9.07*	
		For Stainless Steel, Add	*37.78*	
08 56 56 00-0020	SF	22 Gauge, Wire Cloth, Operable, Steel Security Window Screen	39.95	5.02
		For Painted Steel, Add	*1.62*	
		For Galvanized Steel, Add	*4.86*	
		For Aluminum, Add	*9.73*	
		For Stainless Steel, Add	*40.53*	
08 56 56 00-0021	SF	20 Gauge, Wire Cloth, Operable, Steel Security Window Screen	43.01	5.02
		For Painted Steel, Add	*1.77*	
		For Galvanized Steel, Add	*5.32*	
		For Aluminum, Add	*10.64*	
		For Stainless Steel, Add	*44.35*	
08 56 56 00-0022	SF	18 Gauge, Wire Cloth, Operable, Steel Security Window Screen	49.13	5.02
		For Painted Steel, Add	*2.08*	
		For Galvanized Steel, Add	*6.24*	
		For Aluminum, Add	*12.48*	
		For Stainless Steel, Add	*52.00*	
08 56 56 00-0023		**Expanded Metal Security Screen** *(08 56 56)*		
		Note: Flattened or standard pattern. Dimension given is the short distance across the opening (SWO). The # designation is the pattern number of the expanded metal and is not the gauge.		
08 56 56 00-0024		**Expanded Metal, Inoperable, Security Screen** *(08 56 56 00-0023)*		
08 56 56 00-0025	SF	1/4" #18, Thickness 0.04" Expanded Metal, Inoperable, Steel Security Window Screen	52.69	9.41
		For Painted Steel, Add	*2.07*	
		For Galvanized Steel, Add	*6.21*	
		For Aluminum, Add	*12.42*	
		For Stainless Steel, Add	*51.75*	
08 56 56 00-0026	SF	1/2" #13, Thickness 0.07" Expanded Metal, Inoperable, Steel Security Window Screen	61.12	11.29
		For Painted Steel, Add	*2.37*	
		For Galvanized Steel, Add	*7.10*	
		For Aluminum, Add	*14.19*	
		For Stainless Steel, Add	*59.14*	
08 56 56 00-0027	SF	3/4" #13, Thickness 0.07" Expanded Metal, Inoperable, Steel Security Window Screen	67.90	13.81
		For Painted Steel, Add	*2.58*	
		For Galvanized Steel, Add	*7.74*	
		For Aluminum, Add	*15.48*	
		For Stainless Steel, Add	*64.49*	
08 56 56 00-0028	SF	3/4" #9, Thickness 0.12" Expanded Metal, Inoperable, Steel Security Window Screen	79.01	16.31
		For Painted Steel, Add	*2.95*	
		For Galvanized Steel, Add	*8.84*	
		For Aluminum, Add	*17.68*	
		For Stainless Steel, Add	*73.66*	
08 56 56 00-0029	SF	1-1/2" #9, Thickness 0.11" Expanded Metal, Inoperable, Steel Security Window Screen	73.47	15.69
		For Painted Steel, Add	*2.73*	
		For Galvanized Steel, Add	*8.20*	
		For Aluminum, Add	*16.40*	
		For Stainless Steel, Add	*68.31*	
08 56 56 00-0030	SF	3 Lb./SF, Expanded Metal, Inoperable, Steel Security Window Screen	92.56	20.08
		For Painted Steel, Add	*3.44*	
		For Galvanized Steel, Add	*10.31*	
		For Aluminum, Add	*20.62*	
		For Stainless Steel, Add	*85.90*	
08 56 56 00-0031		**Expanded Metal, Operable, Security Screen** *(08 56 56 00-0023)*		
08 56 56 00-0032	SF	1/4" #18, Thickness 0.04" Expanded Metal, Operable, Steel Security Window Screen	41.94	11.29
		For Painted Steel, Add	*1.41*	
		For Galvanized Steel, Add	*4.22*	
		For Aluminum, Add	*8.44*	
		For Stainless Steel, Add	*35.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 56 00-0033	SF	1/2" #13, Thickness 0.07" Expanded Metal, Operable, Steel Security Window Screen	83.81	13.81
		For Painted Steel, Add	*3.38*	
		For Galvanized Steel, Add	*10.13*	
		For Aluminum, Add	*20.25*	
		For Stainless Steel, Add	*84.38*	
08 56 56 00-0034	SF	3/4" #13, Thickness 0.07" Expanded Metal, Operable, Steel Security Window Screen	92.44	15.69
		For Painted Steel, Add	*3.68*	
		For Galvanized Steel, Add	*11.04*	
		For Aluminum, Add	*22.09*	
		For Stainless Steel, Add	*92.03*	
08 56 56 00-0035	SF	1-1/2" #9, Thickness 0.11" Expanded Metal, Operable, Steel Security Window Screen	99.24	17.57
		For Painted Steel, Add	*3.90*	
		For Galvanized Steel, Add	*11.69*	
		For Aluminum, Add	*23.37*	
		For Stainless Steel, Add	*97.38*	
08 56 56 00-0036	SF	3/4" #9, Thickness 0.12" Expanded Metal, Operable, Steel Security Window Screen	107.81	20.08
		For Painted Steel, Add	*4.20*	
		For Galvanized Steel, Add	*12.60*	
		For Aluminum, Add	*25.19*	
		For Stainless Steel, Add	*104.96*	
08 56 56 00-0037	SF	3 Lb./SF, Expanded Metal, Operable, Steel Security Window Screen	124.23	21.96
		For Painted Steel, Add	*4.89*	
		For Galvanized Steel, Add	*14.68*	
		For Aluminum, Add	*29.36*	
		For Stainless Steel, Add	*122.35*	

08 56 56 00-0038 Perforated Metal Security Screen *(08 56 56)*

08 56 56 00-0039 Perforated Metal, Inoperable, Steel Security Window Screen *(08 56 56 00-0038)*

08 56 56 00-0040	SF	22 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	48.72	5.65
		For Painted Steel, Add	*2.06*	
		For Galvanized Steel, Add	*6.18*	
		For Aluminum, Add	*12.36*	
		For Stainless Steel, Add	*41.19*	
08 56 56 00-0041	SF	20 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	50.35	5.65
		For Painted Steel, Add	*2.14*	
		For Galvanized Steel, Add	*6.42*	
		For Aluminum, Add	*12.85*	
		For Stainless Steel, Add	*42.82*	
08 56 56 00-0042	SF	18 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	55.86	5.65
		For Painted Steel, Add	*2.42*	
		For Galvanized Steel, Add	*7.25*	
		For Aluminum, Add	*14.50*	
		For Stainless Steel, Add	*48.33*	
08 56 56 00-0043	SF	16 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	66.26	5.65
		For Painted Steel, Add	*2.94*	
		For Galvanized Steel, Add	*8.81*	
		For Aluminum, Add	*17.62*	
		For Stainless Steel, Add	*58.73*	

08 56 56 00-0044 Perforated Metal, Operable, Steel Security Window Screen *(08 56 56 00-0038)*

08 56 56 00-0045	SF	22 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	68.56	6.90
		For Painted Steel, Add	*2.93*	
		For Galvanized Steel, Add	*8.78*	
		For Aluminum, Add	*17.56*	
		For Stainless Steel, Add	*58.52*	
08 56 56 00-0046	SF	20 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	71.42	6.90
		For Painted Steel, Add	*3.07*	
		For Galvanized Steel, Add	*9.21*	
		For Aluminum, Add	*18.41*	
		For Stainless Steel, Add	*61.38*	
08 56 56 00-0047	SF	18 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	78.56	6.90
		For Painted Steel, Add	*3.43*	
		For Galvanized Steel, Add	*10.28*	
		For Aluminum, Add	*20.56*	
		For Stainless Steel, Add	*68.52*	
08 56 56 00-0048	SF	16 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	93.44	6.90
		For Painted Steel, Add	*4.17*	
		For Galvanized Steel, Add	*12.51*	
		For Aluminum, Add	*25.02*	
		For Stainless Steel, Add	*83.40*	

08 56 56 00-0049 Removal And Reinstallation Of Security Screens And Guards *(08 56 56)*

08 56 56 00-0050	SF	Removal And Reinstallation Of Security Screens	15.80	

08 56 59 Service and Teller Window Units *(08 56)*

08 56 59 00-0001 Communicator For Window *(08 56 59)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 59 00-0002	EA	Electronic Two-Way Talk-thru Hands-Free Audio Communicator (Haven SC-350) Note: Communicator is designed for applications where a fire shutter or window shade is present. Two-way communication is accomplished through the use of speakers and micro-phones located on each side of the partition. The Master unit is equipped with a 15" gooseneck microphone, power on/off switch, power-on LED, and external volume controls. The Remote Unit is window-mounted and may incorporate a level 3 bullet-resistive insert.	2,812.65	250.99
08 56 59 00-0003	EA	Electronic Two-Way Audio Communicator (Haven SC-300) Note: Communicator is designed for application where a cutout in the barrier is impractical. Two-way communication is accomplished through the use of speakers and microphones located on each side of the partition. The master unit is equipped with a 20" gooseneck microphone, power on/off switch, power-on LED, and external volume controls. The Remote unit is vandal-resistant with all controls located within the housing.	2,450.73	250.99
08 56 59 00-0004	EA	Electronic Two-Way Talk-Thru Communication System (Norcon TTU-1)	2,225.66	250.99
08 56 59 00-0005		Speak-Thru Communicator For Window *(08 56 59)*		
08 56 59 00-0006	EA	5-5/16" Diameter, Satin Anodized Aluminum, No-Draft Speak-Thru (CRL 834A) Note: Includes gaskets and mounting screws for installation on glass from 1/4" (6 mm) to 1/2" (12 mm) thick. Require a minimum hole diameter of 2-1/4" (57 mm), and will cover holes up to 4-1/4" (108 mm). Recommended hole diameter is 3-1/2" (89 mm).	156.94	
08 56 59 00-0007	EA	6-3/16" Diameter, Polished Stainless Steel, No-Draft Speak-Thru (Brixwell 834LPS) Note: Includes gaskets and mounting screws for installation on glass from 1/4" (6 mm) to 1/2" (12 mm) thick. Require a minimum hole diameter of 2-1/4" (57 mm), and will cover holes up to 4-1/4" (108 mm). Recommended hole diameter is 3-1/2" (89 mm).	235.33	
08 56 59 00-0008		Counter Drop-In Deal Tray *(08 56 59)*		
08 56 59 00-0009	EA	16" Wide x 10" Deep x 1-9/16" High, Brushed Stainless Steel, Standard Drop-In Deal Tray (CRL CTDB16)	449.56	43.47

08 60 Roof Windows and Skylights *(08)*

Note: Includes hardware, caulk, sealant and necessary anchors.

08 62 Unit Skylights *(08 60)*

08 62 23 Tubular Skylights *(08 62)*

08 62 23 00-0001		Aluminum Framed Solar Tube Skylights *(08 62 23)* Note: Includes knock down curb with safety security guard, class 1 hail rated double glazed skylight, light shaft top trim, reflective light well, T-bar ceiling frame, acrylic diffuser lens and lens clip.		
08 62 23 00-0002		31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights *(08 62 23 00-0001)*		
08 62 23 00-0003	EA	2' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,440.20	231.06
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,090.09*	
08 62 23 00-0004	EA	3' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,519.84	236.84
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,091.25*	
08 62 23 00-0005	EA	4' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,597.20	242.61
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,092.40*	
08 62 23 00-0006	EA	5' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,706.33	248.40
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,093.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0007	EA	6' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,801.85	254.18
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,094.72*	
08 62 23 00-0008	EA	7' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,879.21	259.95
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,095.87*	
08 62 23 00-0009	EA	8' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,956.57	265.73
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,097.03*	
08 62 23 00-0010	EA	9' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,083.85	271.51
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,098.18*	
08 62 23 00-0011	EA	10' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,161.22	277.28
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,099.34*	
08 62 23 00-0012	EA	11' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,240.85	283.06
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,100.49*	
08 62 23 00-0013	EA	12' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,318.22	288.84
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,101.65*	
08 62 23 00-0014	EA	13' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,445.51	294.61
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,102.80*	
08 62 23 00-0015	EA	14' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,522.88	300.39
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,103.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0016	EA	15' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,600.24	306.16
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,105.11*	
08 62 23 00-0017	EA	16' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,677.60	311.94
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,106.27*	
08 62 23 00-0018		31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights *(08 62 23 00-0001)*		
08 62 23 00-0019	EA	2' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,746.55	231.06
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,090.09*	
08 62 23 00-0020	EA	3' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,855.69	236.84
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,091.25*	
08 62 23 00-0021	EA	4' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,964.82	242.61
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,092.40*	
08 62 23 00-0022	EA	5' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,073.95	248.40
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,093.56*	
08 62 23 00-0023	EA	6' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,251.17	254.18
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,094.72*	
08 62 23 00-0024	EA	7' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,360.30	259.95
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,095.87*	
08 62 23 00-0025	EA	8' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,469.43	265.73
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,097.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0026	EA	9' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,646.64	271.51
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,098.18*	
08 62 23 00-0027	EA	10' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,755.78	277.28
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,099.34*	
08 62 23 00-0028	EA	11' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,864.91	283.06
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,100.49*	
08 62 23 00-0029	EA	12' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,974.05	288.84
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,101.65*	
08 62 23 00-0030	EA	13' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,151.26	294.61
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,102.80*	
08 62 23 00-0031	EA	14' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,260.40	300.39
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,103.96*	
08 62 23 00-0032	EA	15' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,369.53	306.16
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,105.11*	
08 62 23 00-0033	EA	16' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,478.66	311.94
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,106.27*	

08 62 23 00-0034 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights *(08 62 23 00-0001)*

08 62 23 00-0035	EA	2' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,333.07	259.95
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,095.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0036	EA	3' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,485.32	265.73
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,097.03*	
08 62 23 00-0037	EA	4' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,639.83	271.51
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,098.18*	
08 62 23 00-0038	EA	5' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,792.09	277.28
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,099.34*	
08 62 23 00-0039	EA	6' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,035.11	283.06
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,100.49*	
08 62 23 00-0040	EA	7' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,187.37	288.84
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,101.65*	
08 62 23 00-0041	EA	8' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,339.61	294.61
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,102.80*	
08 62 23 00-0042	EA	9' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,584.91	300.39
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,103.96*	
08 62 23 00-0043	EA	10' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,737.16	306.16
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,105.11*	
08 62 23 00-0044	EA	11' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,889.40	311.94
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,106.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0045	EA	12' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	4,041.65	317.72
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,107.42*	
08 62 23 00-0046	EA	13' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	4,284.68	323.49
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,108.58*	
08 62 23 00-0047	EA	14' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	4,436.92	329.27
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,109.73*	
08 62 23 00-0048	EA	15' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	4,591.44	335.05
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,110.89*	
08 62 23 00-0049	EA	16' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	4,743.69	340.82
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,112.04*	

08 63 Metal-Framed Skylights *(08 60)*

08 63 13 Domed Metal-Framed Skylights *(08 63)*

08 63 13 00-0001 Domed Aluminum Framed Skylights *(08 63 13)*

08 63 13 00-0002 Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0001)*

08 63 13 00-0003 Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0002)*

08 63 13 00-0004 Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0003)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.

08 63 13 00-0005	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	942.11	155.97
08 63 13 00-0006	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,124.91	167.52
08 63 13 00-0007	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,495.01	184.85
08 63 13 00-0008	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,673.91	196.40
08 63 13 00-0009	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,183.59	167.52
08 63 13 00-0010	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,455.83	184.85
08 63 13 00-0011	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,576.36	196.40
08 63 13 00-0012	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,778.80	207.96
08 63 13 00-0013	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,051.35	225.29
08 63 13 00-0014	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,483.00	196.40
08 63 13 00-0015	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,599.77	202.18
08 63 13 00-0016	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,786.77	207.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0017	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,926.94	213.73
08 63 13 00-0018	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,121.44	231.06
08 63 13 00-0019	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,362.91	242.61
08 63 13 00-0020	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,739.94	207.96
08 63 13 00-0021	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,887.76	219.51
08 63 13 00-0022	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,113.78	225.29
08 63 13 00-0023	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,238.35	236.84
08 63 13 00-0024	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,557.88	248.40
08 63 13 00-0025		**Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights** *(08 63 13 00-0003)* Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.		
08 63 13 00-0026	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,137.23	155.97
08 63 13 00-0027	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,316.13	167.52
08 63 13 00-0028	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,647.20	184.85
08 63 13 00-0029	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,830.00	196.40
08 63 13 00-0030	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,324.08	167.52
08 63 13 00-0031	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,565.10	184.85
08 63 13 00-0032	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,693.42	196.40
08 63 13 00-0033	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,911.48	207.96
08 63 13 00-0034	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,129.39	225.29
08 63 13 00-0035	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,592.27	196.40
08 63 13 00-0036	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,724.64	202.18
08 63 13 00-0037	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,853.10	207.96
08 63 13 00-0038	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,001.09	213.73
08 63 13 00-0039	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,160.46	231.06
08 63 13 00-0040	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,405.84	242.61
08 63 13 00-0041	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,868.71	207.96
08 63 13 00-0042	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,028.25	219.51
08 63 13 00-0043	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,195.73	225.29
08 63 13 00-0044	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,328.11	236.84
08 63 13 00-0045	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,616.42	248.40
08 63 13 00-0046		**High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights** *(08 63 13 00-0003)* Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.		
08 63 13 00-0047	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,152.84	155.97
08 63 13 00-0048	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,347.34	167.52
08 63 13 00-0049	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,690.13	184.85
08 63 13 00-0050	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,363.10	167.52
08 63 13 00-0051	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,619.73	184.85
08 63 13 00-0052	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,736.35	196.40
08 63 13 00-0053	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,958.31	207.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0054	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,627.39	196.40
08 63 13 00-0055	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,755.86	202.18
08 63 13 00-0056	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,903.83	207.96
08 63 13 00-0057	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,051.82	213.73
08 63 13 00-0058	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,222.90	231.06
08 63 13 00-0059	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,915.54	207.96
08 63 13 00-0060	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,090.68	219.51
08 63 13 00-0061	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,258.17	225.29
08 63 13 00-0062	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,390.54	236.84
08 63 13 00-0063		**FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights** *(08 63 13 00-0003)* Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.		
08 63 13 00-0064	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,180.15	155.97
08 63 13 00-0065	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,390.27	167.52
08 63 13 00-0066	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,729.15	184.85
08 63 13 00-0067	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,970.49	196.40
08 63 13 00-0068	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,402.12	167.52
08 63 13 00-0069	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,654.85	184.85
08 63 13 00-0070	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,775.37	196.40
08 63 13 00-0071	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,016.84	207.96
08 63 13 00-0072	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,670.31	196.40
08 63 13 00-0073	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,798.79	202.18
08 63 13 00-0074	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,958.47	207.96
08 63 13 00-0075	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,110.35	213.73
08 63 13 00-0076	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,285.34	231.06
08 63 13 00-0077	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,974.08	207.96
08 63 13 00-0078	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,149.22	219.51
08 63 13 00-0079	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,320.61	225.29
08 63 13 00-0080	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,460.79	236.84
08 63 13 00-0081		**Curb Top Inserts** *(08 63 13 00-0003)* Note: For use with industrial style fixed dome skylights for better u-value and solar heat gain coefficient/shading coefficient (SHGC/SC) properties. Includes mill finish aluminum frame and acrylic or polycarbonate glazing. Excludes roof curb and flashing.		
08 63 13 00-0082		**Single Glazed, Aluminum Framed Curb Top Inserts** *(08 63 13 00-0081)*		
08 63 13 00-0083	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	312.75	75.09
08 63 13 00-0084	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	407.45	86.65
08 63 13 00-0085	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	646.15	115.54
08 63 13 00-0086	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	596.84	103.98
08 63 13 00-0087	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	709.69	115.54
08 63 13 00-0088		**Double Glazed, Aluminum Framed Curb Top Inserts** *(08 63 13 00-0081)*		
08 63 13 00-0089	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	405.80	75.09
08 63 13 00-0090	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	586.73	86.65
08 63 13 00-0091	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	970.66	115.54
08 63 13 00-0092	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	941.78	103.98
08 63 13 00-0093	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	1,159.01	115.54
08 63 13 00-0094		**Triple Glazed, Aluminum Framed Curb Top Inserts** *(08 63 13 00-0081)*		
08 63 13 00-0095	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	496.57	75.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0096	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	756.93	86.65
08 63 13 00-0097	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	1,370.05	115.54
08 63 13 00-0098	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	1,264.02	103.98
08 63 13 00-0099	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	1,576.56	115.54
08 63 13 00-0100		**Pyramid Style Fixed Dome, Aluminum Framed Skylights** *(08 63 13 00-0002)*		
08 63 13 00-0101		**Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight** *(08 63 13 00-0100)* Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.		
08 63 13 00-0102	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	871.87	155.97
08 63 13 00-0103	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	1,074.33	167.52
08 63 13 00-0104	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	1,373.74	196.40
08 63 13 00-0105	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	1,697.01	207.96
08 63 13 00-0106		**Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight** *(08 63 13 00-0100)* Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.		
08 63 13 00-0107	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	1,176.25	155.97
08 63 13 00-0108	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	1,386.51	167.52
08 63 13 00-0109	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	1,658.61	196.40
08 63 13 00-0110	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	1,958.47	207.96
08 63 13 00-0111		**Double Hip Style Fixed Dome, Aluminum Framed Skylights** *(08 63 13 00-0002)*		
08 63 13 00-0112		**Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight** *(08 63 13 00-0111)* Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.		
08 63 13 00-0113	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,016.26	155.97
08 63 13 00-0114	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,377.95	184.85
08 63 13 00-0115	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,611.48	196.40
08 63 13 00-0116	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,307.55	184.85
08 63 13 00-0117	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,424.17	196.40
08 63 13 00-0118	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,692.95	207.96
08 63 13 00-0119	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,969.40	225.29
08 63 13 00-0120	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,494.41	202.18
08 63 13 00-0121	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,634.58	207.96
08 63 13 00-0122	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,786.46	213.73
08 63 13 00-0123	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,949.74	231.06
08 63 13 00-0124	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,277.06	242.61
08 63 13 00-0125	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,844.84	219.51
08 63 13 00-0126	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,055.25	225.29
08 63 13 00-0127	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,199.33	236.84
08 63 13 00-0128	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,514.96	248.40
08 63 13 00-0129		**Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight** *(08 63 13 00-0111)* Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.		
08 63 13 00-0130	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,148.93	155.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0131	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,335.64	167.52
08 63 13 00-0132	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,666.72	184.85
08 63 13 00-0133	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,351.39	167.52
08 63 13 00-0134	EA	39-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,487.51	179.08
08 63 13 00-0135	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,596.32	184.85
08 63 13 00-0136	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,712.94	196.40
08 63 13 00-0137	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,938.80	207.96
08 63 13 00-0138	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,611.78	202.18
08 63 13 00-0139	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,740.25	202.18
08 63 13 00-0140	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,880.42	207.96
08 63 13 00-0141	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,024.50	213.73
08 63 13 00-0142	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,191.68	231.06
08 63 13 00-0143	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,888.23	207.96
08 63 13 00-0144	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,063.37	219.51
08 63 13 00-0145	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,226.95	225.29
08 63 13 00-0146	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,355.42	236.84

08 63 13 00-0147 Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight *(08 63 13 00-0111)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.

08 63 13 00-0148	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,323.93	167.52
08 63 13 00-0149	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,717.45	184.85
08 63 13 00-0150	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,639.24	184.85
08 63 13 00-0151	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,763.67	196.40
08 63 13 00-0152	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,001.23	207.96
08 63 13 00-0153	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,787.08	202.18
08 63 13 00-0154	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,938.96	207.96
08 63 13 00-0155	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,094.74	213.73
08 63 13 00-0156	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,254.12	231.06
08 63 13 00-0157	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,133.61	219.51
08 63 13 00-0158	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,305.00	225.29
08 63 13 00-0159	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,441.27	236.84

08 63 13 00-0160 Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0001)*

08 63 13 00-0161 Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0160)*

Note: UL listed or FM approved. Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, curb seal tape, weather sweep, fasteners, fusible link with a minimum temperature rating of 165 degrees, gas shocks and exterior manual release cable for testing. Excludes roof curb and flashing.

08 63 13 00-0162 Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0161)*

08 63 13 00-0163 10 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0162)*

08 63 13 00-0164	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 10 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	5,251.09	231.06
08 63 13 00-0165	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 10 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	4,872.87	219.51
08 63 13 00-0166	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 10 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	5,512.54	231.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0167		25 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0162)*		
08 63 13 00-0168	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 25 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	6,808.10	231.06
08 63 13 00-0169	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 25 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	6,445.49	219.51
08 63 13 00-0170	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 25 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	7,163.21	231.06
08 63 13 00-0171		30 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0162)*		
08 63 13 00-0172	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 30 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	7,256.87	231.06
08 63 13 00-0173	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 30 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	6,886.45	219.51
08 63 13 00-0174	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 30 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	7,604.17	231.06
08 63 13 00-0175		Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0161)*		
08 63 13 00-0176		10 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0175)*		
08 63 13 00-0177	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 10 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	5,274.50	231.06
08 63 13 00-0178	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 10 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	4,896.28	219.51
08 63 13 00-0179	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 10 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	5,547.66	231.06
08 63 13 00-0180		25 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0175)*		
08 63 13 00-0181	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 25 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	6,839.32	231.06
08 63 13 00-0182	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 25 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	6,468.91	219.51
08 63 13 00-0183	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 25 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	7,202.24	231.06
08 63 13 00-0184		30 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0175)*		
08 63 13 00-0185	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 30 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	7,280.28	231.06
08 63 13 00-0186	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 30 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	6,909.87	219.51
08 63 13 00-0187	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 30 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	7,643.20	231.06

08 66 Wood-Framed Skylights *(08 60)*

08 66 00 00-0001		Wood-Framed Skylights (Andersen 400 Series) *(08 66)*		
08 66 00 00-0002	EA	16-1/2" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series)	749.73	143.86
		For Tempered Laminated Low-E Insulated Glass, Add	*115.50*	
		For Aluminum Shingle Flashing, Add	*92.40*	
08 66 00 00-0003	EA	16-1/2" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)	768.59	143.86
		For Tempered Laminated Low-E Insulated Glass, Add	*120.22*	
		For Aluminum Shingle Flashing, Add	*96.17*	
08 66 00 00-0004	EA	24-1/2" x 27", Domed, Wood-Framed Skylight (Andersen 400 Series)	723.81	143.86
		For Tempered Laminated Low-E Insulated Glass, Add	*109.02*	
		For Aluminum Shingle Flashing, Add	*87.22*	
08 66 00 00-0005	EA	24-1/2" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series)	782.73	143.86
		For Tempered Laminated Low-E Insulated Glass, Add	*123.75*	
		For Aluminum Shingle Flashing, Add	*99.00*	
08 66 00 00-0006	EA	24-1/2" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)	832.23	143.86
		For Tempered Laminated Low-E Insulated Glass, Add	*136.13*	
		For Aluminum Shingle Flashing, Add	*108.90*	
08 66 00 00-0007	EA	24-1/2" x 57", Domed, Wood-Framed Skylight (Andersen 400 Series)	912.38	143.86
		For Tempered Laminated Low-E Insulated Glass, Add	*156.16*	
		For Aluminum Shingle Flashing, Add	*124.93*	
08 66 00 00-0008	EA	24-1/2" x 72", Domed, Wood-Framed Skylight (Andersen 400 Series)	1,013.74	143.86
		For Tempered Laminated Low-E Insulated Glass, Add	*181.50*	
		For Aluminum Shingle Flashing, Add	*145.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 66 00 00-0009	EA	27" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	723.81	143.86
		For Tempered Laminated Low-E Insulated Glass, Add	*109.02*	
		For Aluminum Shingle Flashing, Add	*87.22*	
08 66 00 00-0010	EA	28" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series)	844.02	143.86
		For Tempered Laminated Low-E Insulated Glass, Add	*139.07*	
		For Aluminum Shingle Flashing, Add	*111.26*	
08 66 00 00-0011	EA	28" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)	912.38	143.86
		For Tempered Laminated Low-E Insulated Glass, Add	*156.16*	
		For Aluminum Shingle Flashing, Add	*124.93*	
08 66 00 00-0012	EA	28" x 57", Domed, Wood-Framed Skylight (Andersen 400 Series)	990.16	143.86
		For Tempered Laminated Low-E Insulated Glass, Add	*175.61*	
		For Aluminum Shingle Flashing, Add	*140.49*	
08 66 00 00-0013	EA	28" x 72", Domed, Wood-Framed Skylight (Andersen 400 Series)	1,093.88	143.86
		For Tempered Laminated Low-E Insulated Glass, Add	*201.54*	
		For Aluminum Shingle Flashing, Add	*161.23*	
08 66 00 00-0014	EA	38" x 16-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	749.73	143.86
		For Tempered Laminated Low-E Insulated Glass, Add	*115.50*	
		For Aluminum Shingle Flashing, Add	*92.40*	
08 66 00 00-0015	EA	38" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	782.73	143.86
		For Tempered Laminated Low-E Insulated Glass, Add	*123.75*	
		For Aluminum Shingle Flashing, Add	*99.00*	
08 66 00 00-0016	EA	38" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)	844.02	143.86
		For Tempered Laminated Low-E Insulated Glass, Add	*139.07*	
		For Aluminum Shingle Flashing, Add	*111.26*	
08 66 00 00-0017	EA	44" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)	1,060.88	143.86
		For Tempered Laminated Low-E Insulated Glass, Add	*193.29*	
		For Aluminum Shingle Flashing, Add	*154.63*	
08 66 00 00-0018	EA	46" x 16-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	768.59	143.86
		For Tempered Laminated Low-E Insulated Glass, Add	*120.22*	
		For Aluminum Shingle Flashing, Add	*96.17*	
08 66 00 00-0019	EA	46" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	832.23	143.86
		For Tempered Laminated Low-E Insulated Glass, Add	*136.13*	
		For Aluminum Shingle Flashing, Add	*108.90*	
08 66 00 00-0020	EA	46" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)	912.38	143.86
		For Tempered Laminated Low-E Insulated Glass, Add	*156.16*	
		For Aluminum Shingle Flashing, Add	*124.93*	
08 66 00 00-0021	EA	46" x 44", Domed, Wood-Framed Skylight (Andersen 400 Series)	1,060.88	143.86
		For Tempered Laminated Low-E Insulated Glass, Add	*193.29*	
		For Aluminum Shingle Flashing, Add	*154.63*	
08 66 00 00-0022	EA	57" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	912.38	143.86
		For Tempered Laminated Low-E Insulated Glass, Add	*156.16*	
		For Aluminum Shingle Flashing, Add	*124.93*	
08 66 00 00-0023	EA	57" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)	990.16	143.86
		For Tempered Laminated Low-E Insulated Glass, Add	*175.61*	
		For Aluminum Shingle Flashing, Add	*140.49*	
08 66 00 00-0024	EA	72" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	1,013.74	143.86
		For Tempered Laminated Low-E Insulated Glass, Add	*181.50*	
		For Aluminum Shingle Flashing, Add	*145.20*	
08 66 00 00-0025	EA	72" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)	1,093.88	143.86
		For Tempered Laminated Low-E Insulated Glass, Add	*201.54*	
		For Aluminum Shingle Flashing, Add	*161.23*	

08 70 Hardware *(08)*

08 71 Door Hardware *(08 70)*

08 71 11 Door Hardware *(08 71)*

Note: All hardware is ANSI/BHMA Grade 1 unless otherwise noted. See CSI section 08 05 13 00-0050 for removal and reinstallation of existing door where required for modifications.

08 71 11 00-0001 Hinges *(08 71 11)*

Note: Unit of measure "PR" indicates that two (2) sets of hinges (top and bottom) are priced. For doors with three (3) sets of hinges (top, middle and bottom), use 1.5 pairs. Excludes mortise preparation for wood doors.

08 71 11 00-0002 Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0001)*

Note: US26D (BHMA 626) satin chrome finish.

08 71 11 00-0003 Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0002)*

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

08 71 11 00-0004	PR	3-1/2" x 3-1/2" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	92.67	8.05
		For Clear Coated Bright Brass, Add	*7.01*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0005	PR	4" x 4" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	101.77	11.51
		For Clear Coated Bright Brass, Add	*7.80*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0006	PR	4-1/2" x 4-1/2" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	112.38	12.66
		For Clear Coated Bright Brass, Add	*6.53*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0007 Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0002)*

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0008	PR	3-1/2" x 3-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	107.67	8.05
		For Clear Coated Bright Brass, Add	*8.99*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0009	PR	4" x 4" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	121.78	11.51
		For Clear Coated Bright Brass, Add	*8.99*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0010	PR	4-1/2" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	122.53	12.66
		For Clear Coated Bright Brass, Add	*7.95*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0011	PR	5" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	143.16	14.96
		For Clear Coated Bright Brass, Add	*9.30*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0012	PR	5" x 5" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	144.17	14.96
		For Clear Coated Bright Brass, Add	*9.44*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0013	PR	6" x 5" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	155.73	19.22
		For Clear Coated Bright Brass, Add	*11.06*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0014 Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0002)*

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

08 71 11 00-0015	PR	3-1/2" x 3-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	123.16	8.05
08 71 11 00-0016	PR	4" x 4", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	137.26	11.51
08 71 11 00-0017	PR	4-1/2" x 4-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	139.37	12.66
08 71 11 00-0018	PR	5" x 4", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	161.72	14.96

08 71 11 00-0019 Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0002)*

Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.

08 71 11 00-0020	PR	4-1/2" x 4-1/2" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	156.31	12.66
		For Clear Coated Bright Brass, Add	*12.68*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0021	PR	5" x 4" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	177.22	14.96
		For Clear Coated Bright Brass, Add	*14.07*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0022	PR	5" x 5" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	198.49	14.96
		For Clear Coated Bright Brass, Add	*17.05*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0023 Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0002)*

Note: Set into mortised edge of the door and surface applied to the face of the frame.

08 71 11 00-0024	PR	4-1/2" x 4-1/2" Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	160.52	12.66
		For Clear Coated Bright Brass, Add	*13.27*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0025	PR	5" x 4" Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	189.19	14.96
		For Clear Coated Bright Brass, Add	*15.74*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0026 Heavy-Duty, Full Mortise, Plain Bearing, Brass/Bronze Satin Chrome Finish Hinge *(08 71 11 00-0002)*

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

08 71 11 00-0027	PR	4-1/2" x 4-1/2" Heavy-Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	155.43	12.66
		For Clear Coated Bright Brass, Add	*12.55*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0028	PR	5" x 5" Heavy-Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	179.53	19.22
		For Clear Coated Bright Brass, Add	*14.39*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0029	PR	6" x 5" Heavy-Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	216.08	19.22
		For Clear Coated Bright Brass, Add	*19.51*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0030 Heavy-Duty, Five Knuckle Bearing, Brass/Bronze Satin Chrome Finish Hinge (Hager Companies) *(08 71 11 00-0002)*

08 71 11 00-0031	EA	6" x 5", Brass, Heavy Weight, Five Knuckle Ball Bearing	347.94	15.06
		For Clear Coated Bright Brass, Add	*37.89*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
		For Owner Furnished Material, Deduct	*-270.63*	
08 71 11 00-0032	EA	6" x 6", Brass, Heavy Weight, Five Knuckle Ball Bearing	347.94	15.06
		For Clear Coated Bright Brass, Add	*37.89*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
		For Owner Furnished Material, Deduct	*-270.63*	
08 71 11 00-0033	EA	8" x 6", Brass, Heavy Weight, Five Knuckle Ball Bearing	697.53	16.22
		For Clear Coated Bright Brass, Add	*85.97*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
		For Owner Furnished Material, Deduct	*-614.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0034	EA	8" x 8", Brass, Heavy Weight, Five Knuckle Ball Bearing	697.53	16.22
		For Clear Coated Bright Brass, Add	*85.97*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
		For Owner Furnished Material, Deduct	*-614.08*	
08 71 11 00-0035	EA	4-1/2" x 4", Brass, Heavy Weight, Five Knuckle Ball Bearing	157.18	12.75
		For Clear Coated Bright Brass, Add	*12.76*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
		For Owner Furnished Material, Deduct	*-91.11*	
08 71 11 00-0036	EA	4-1/2" x 4-1/2", Brass, Heavy Weight, Five Knuckle Ball Bearing	157.18	12.75
		For Clear Coated Bright Brass, Add	*12.76*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
		For Owner Furnished Material, Deduct	*-91.11*	
08 71 11 00-0037	EA	5" x 4", Brass, Heavy Weight, Five Knuckle Ball Bearing	193.60	15.06
		For Clear Coated Bright Brass, Add	*16.28*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
		For Owner Furnished Material, Deduct	*-116.29*	
08 71 11 00-0038	EA	5" x 4-1/2", Brass, Heavy Weight, Five Knuckle Ball Bearing	193.60	15.06
		For Clear Coated Bright Brass, Add	*16.28*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
		For Owner Furnished Material, Deduct	*-116.29*	
08 71 11 00-0039	EA	5" x 5", Brass, Heavy Weight, Five Knuckle Ball Bearing	193.60	15.06
		For Clear Coated Bright Brass, Add	*16.28*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
		For Owner Furnished Material, Deduct	*-116.29*	
08 71 11 00-0040	EA	6" x 4-1/2", Brass, Heavy Weight, Five Knuckle Ball Bearing	347.94	15.06
		For Clear Coated Bright Brass, Add	*37.89*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
		For Owner Furnished Material, Deduct	*-270.63*	

08 71 11 00-0041 Mortised, Wrought Steel Hinges *(08 71 11 00-0001)*

Note: Clear coated, US 26D satin chrome finish (BHMA 652).

08 71 11 00-0042 Full Mortise, Plain Bearing, Wrought Steel Hinges *(08 71 11 00-0041)*

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

08 71 11 00-0043	PR	3-1/2" x 3-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	60.09	8.05
		For Primed For Paint Finish, Deduct	*-3.33*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*2.08*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-2.00*	
		For Stainless Steel, Add	*9.16*	
		For Heavy-Duty, Add	*2.50*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0044	PR	4" x 4", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	75.93	11.51
		For Primed For Paint Finish, Deduct	*-3.68*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*2.30*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-2.21*	
		For Stainless Steel, Add	*10.11*	
		For Heavy-Duty, Add	*2.76*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0045	PR	4-1/2" x 4", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	92.88	12.66
		For Primed For Paint Finish, Deduct	*-5.42*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*3.39*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-3.25*	
		For Stainless Steel, Add	*14.91*	
		For Heavy-Duty, Add	*4.07*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
		For Owner Furnished Material, Deduct	*-27.11*	
08 71 11 00-0046	PR	4-1/2" x 4-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	88.18	12.66
		For Primed For Paint Finish, Deduct	*-4.48*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*2.80*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-2.69*	
		For Stainless Steel, Add	*12.33*	
		For Heavy-Duty, Add	*3.36*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0047	PR	5" x 4", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	137.33	14.96
		For Primed For Paint Finish, Deduct	*-12.12*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*7.58*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-7.27*	
		For Stainless Steel, Add	*33.33*	
		For Heavy-Duty, Add	*9.09*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
		For Owner Furnished Material, Deduct	*-60.60*	
08 71 11 00-0048	PR	5" x 4-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	141.30	14.96
		For Primed For Paint Finish, Deduct	*-12.91*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*8.07*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-7.75*	
		For Stainless Steel, Add	*35.51*	
		For Heavy-Duty, Add	*9.69*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
		For Owner Furnished Material, Deduct	*-64.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0049	PR	5" x 5", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	141.30	14.96
		For Primed For Paint Finish, Deduct	*-12.91*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*8.07*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-7.75*	
		For Stainless Steel, Add	*35.51*	
		For Heavy-Duty, Add	*9.69*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
		For Owner Furnished Material, Deduct	*-64.57*	

08 71 11 00-0050 Full Mortise, Ball Bearing, Wrought Steel Hinges *(08 71 11 00-0041)*

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

08 71 11 00-0051	PR	3-1/2" x 3-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	104.17	8.05
		For Primed For Paint Finish, Deduct	*-12.15*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*7.59*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-7.29*	
		For Stainless Steel, Add	*33.41*	
		For Heavy-Duty, Add	*9.11*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0052	PR	4" x 4", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	126.32	11.51
		For Primed For Paint Finish, Deduct	*-13.76*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*8.60*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-8.25*	
		For Stainless Steel, Add	*37.83*	
		For Heavy-Duty, Add	*10.32*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0053	PR	4-1/2" x 4-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	97.50	12.66
		For Primed For Paint Finish, Deduct	*-6.35*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*3.97*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-3.81*	
		For Stainless Steel, Add	*17.45*	
		For Heavy-Duty, Add	*4.76*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0054	PR	5" x 4", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	169.27	13.92
		For Primed For Paint Finish, Deduct	*-19.62*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*12.26*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-11.77*	
		For Stainless Steel, Add	*53.94*	
		For Heavy-Duty, Add	*14.71*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
		For Owner Furnished Material, Deduct	*-98.08*	
		For Extra Heavy-Duty, Add	*39.23*	
08 71 11 00-0055	PR	5" x 4-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	177.29	14.96
		For Primed For Paint Finish, Deduct	*-20.11*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*12.57*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-12.07*	
		For Stainless Steel, Add	*55.31*	
		For Heavy-Duty, Add	*15.08*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0056	PR	5" x 5", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	191.49	14.96
		For Primed For Paint Finish, Deduct	*-22.95*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*14.35*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-13.77*	
		For Stainless Steel, Add	*63.12*	
		For Heavy-Duty, Add	*17.21*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0057	PR	6" x 5", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	234.76	14.96
		For Primed For Paint Finish, Deduct	*-31.61*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*19.75*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-18.96*	
		For Stainless Steel, Add	*86.92*	
		For Heavy-Duty, Add	*23.70*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0058 Half Surface, Plain Bearing, Wrought Steel Hinges *(08 71 11 00-0041)*

Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.

08 71 11 00-0059	PR	3-1/2" x 3-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	129.63	8.05
		For Primed For Paint Finish, Deduct	*-17.24*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*10.78*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-10.34*	
		For Stainless Steel, Add	*47.41*	
		For Heavy-Duty, Add	*12.93*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0060	PR	4" x 4", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	155.23	11.51
		For Primed For Paint Finish, Deduct	*-19.54*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*12.21*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-11.72*	
		For Stainless Steel, Add	*53.73*	
		For Heavy-Duty, Add	*14.65*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0061	PR	4-1/2" x 4-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	174.95	12.66
		For Primed For Paint Finish, Deduct	*-21.84*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*13.65*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-13.10*	
		For Stainless Steel, Add	*60.05*	
		For Heavy-Duty, Add	*16.38*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0062	PR	5" x 4-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	197.40	14.96
		For Primed For Paint Finish, Deduct	*-24.13*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*15.08*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-14.48*	
		For Stainless Steel, Add	*66.37*	
		For Heavy-Duty, Add	*18.10*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0063		Half Surface, Ball Bearing, Wrought Steel Hinges *(08 71 11 00-0041)*		
		Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.		
08 71 11 00-0064	PR	4" x 4", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge	181.09	12.66
		For Primed For Paint Finish, Deduct	*-24.71*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*15.44*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-14.83*	
		For Stainless Steel, Add	*67.95*	
		For Heavy-Duty, Add	*18.53*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0065	PR	4-1/2" x 4-1/2", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge	202.48	12.66
		For Primed For Paint Finish, Deduct	*-27.34*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*17.09*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-16.41*	
		For Stainless Steel, Add	*75.19*	
		For Heavy-Duty, Add	*20.51*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0066	PR	5" x 5", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge	234.76	14.96
		For Primed For Paint Finish, Deduct	*-31.61*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*19.75*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-18.96*	
		For Stainless Steel, Add	*86.92*	
		For Heavy-Duty, Add	*23.70*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0067		Slide-In, Full Mortise, Ball Bearing, Wrought Steel Hinges *(08 71 11 00-0041)*		
		Note: Both leaves slide into a cavity prepared in the door and door frame.		
08 71 11 00-0068	PR	4-1/2" x 4-1/2", Standard Duty, Slide In, Full Mortise, Ball Bearing, Wrought Steel Hinge	131.30	12.66
		For Primed For Paint Finish, Deduct	*-13.11*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*8.19*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-7.86*	
		For Stainless Steel, Add	*36.04*	
		For Heavy-Duty, Add	*9.83*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0069		Blank Butt Hinges *(08 71 11 00-0041)*		
08 71 11 00-0070	PR	3-1/2" x 3-1/2" To 5" x 5", Blank Butt With Screws, Steel Hinge	28.92	5.17
		For Primed For Paint Finish, Deduct	*-1.67*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*1.04*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-1.00*	
		For Stainless Steel, Add	*4.59*	
		For Heavy-Duty, Add	*1.25*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0071		Full Mortise, Single Acting Spring, Wrought Steel Hinges *(08 71 11 00-0041)*		
		Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0072	PR	3-1/2" x 3-1/2", Full Mortise, Single Acting Spring, Wrought Steel Hinge	106.02	8.05
		For Primed For Paint Finish, Deduct	*-12.52*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*7.82*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-7.51*	
		For Stainless Steel, Add	*34.42*	
08 71 11 00-0073	PR	4" x 4", Full Mortise, Single Acting Spring, Wrought Steel Hinge	139.41	11.51
		For Primed For Paint Finish, Deduct	*-16.37*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*10.23*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-9.82*	
		For Stainless Steel, Add	*45.03*	
08 71 11 00-0074	PR	4-1/2" x 4-1/2", Full Mortise, Single Acting Spring, Wrought Steel Hinge	186.20	12.66
		For Primed For Paint Finish, Deduct	*-24.09*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*15.05*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-14.45*	
		For Stainless Steel, Add	*66.24*	
08 71 11 00-0075		Offset And Pivot Hinges *(08 71 11 00-0001)*		
		Note: Satin chrome plated, US26D.		
08 71 11 00-0076		Offset Swing Clear Hinges *(08 71 11 00-0075)*		
		Note: For use on 1-3/8" and 1-3/4" doors. Allows doors to swing completely clear of the openings.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0077	EA	4-1/2", Steel, Satin Chrome Finish, Swing Clear, Offset Hinges	149.58	3.59
08 71 11 00-0078	EA	4-1/2", Steel, Satin Chrome Finish, Full Mortise Swing Clear Hinge (Hager AB7501)	217.75	3.59
		For Owner Furnished Material, Deduct	*-203.39*	
08 71 11 00-0079	EA	5", Steel, Satin Chrome Finish, Full Mortise Swing Clear Hinge (Hager AB7501)	217.75	3.59
		For Owner Furnished Material, Deduct	*-203.39*	
08 71 11 00-0080		Offset Pivot Hinges *(08 71 11 00-0075)*		
08 71 11 00-0081		3/4" Offset Pivot Hinges *(08 71 11 00-0080)*		
08 71 11 00-0082		3/4" Offset Pivot Hinges *(08 71 11 00-0081)*		
08 71 11 00-0083		Top Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0082)*		
08 71 11 00-0084		200 Lb. Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0083)*		
08 71 11 00-0085	EA	Painted Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	162.69	11.51
08 71 11 00-0086	EA	Satin Chrome Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	219.84	11.51
08 71 11 00-0087	EA	Bright Brass Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	251.60	11.51
08 71 11 00-0088	EA	Satin Brass Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	251.60	11.51
08 71 11 00-0089	EA	Satin Bronze Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	251.60	11.51
08 71 11 00-0090	EA	Dark Bronze Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	251.60	11.51
08 71 11 00-0091	EA	Bright Chrome Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	251.60	11.51
08 71 11 00-0092	EA	Painted Finish, 200 Lb. Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	179.20	11.51
08 71 11 00-0093	EA	Satin Chrome Finish, 200 Lb. Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	228.75	11.51
08 71 11 00-0094	EA	Bright Brass Finish, 200 Lb. Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	261.75	11.51
08 71 11 00-0095	EA	Satin Brass Finish, 200 Lb. Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	261.75	11.51
08 71 11 00-0096	EA	Satin Bronze Finish, 200 Lb. Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	261.75	11.51
08 71 11 00-0097	EA	Dark Bronze Finish, 200 Lb. Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	261.75	11.51
08 71 11 00-0098	EA	Bright Chrome Finish, 200 Lb. Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	261.75	11.51
08 71 11 00-0099	EA	Painted Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	162.69	11.51
08 71 11 00-0100	EA	Satin Chrome Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	219.84	11.51
08 71 11 00-0101	EA	Bright Brass Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	251.60	11.51
08 71 11 00-0102	EA	Satin Brass Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	251.60	11.51
08 71 11 00-0103	EA	Satin Bronze Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	251.60	11.51
08 71 11 00-0104	EA	Dark Bronze Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	251.60	11.51
08 71 11 00-0105	EA	Bright Chrome Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	251.60	11.51
08 71 11 00-0106		500 Lb. Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0083)*		
08 71 11 00-0107	EA	Painted Finish, 500 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	168.45	14.39
08 71 11 00-0108	EA	Satin Chrome Finish, 500 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	225.60	14.39
08 71 11 00-0109	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	257.36	14.39
08 71 11 00-0110	EA	Satin Brass Finish, 500 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	257.36	14.39
08 71 11 00-0111	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	257.36	14.39
08 71 11 00-0112	EA	Dark Bronze Finish, 500 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	257.36	14.39
08 71 11 00-0113	EA	Bright Chrome Finish, 500 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	257.36	14.39
08 71 11 00-0114		600 Lb. Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0083)*		
08 71 11 00-0115	EA	Painted Finish, 600 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	168.45	14.39
08 71 11 00-0116	EA	Satin Chrome Finish, 600 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	225.60	14.39
08 71 11 00-0117	EA	Bright Brass Finish, 600 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	257.36	14.39
08 71 11 00-0118	EA	Satin Brass Finish, 600 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	257.36	14.39
08 71 11 00-0119	EA	Satin Bronze Finish, 600 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	257.36	14.39
08 71 11 00-0120	EA	Dark Bronze Finish, 600 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	257.36	14.39
08 71 11 00-0121	EA	Bright Chrome Finish, 600 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	257.36	14.39
08 71 11 00-0122		700 Lb. Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0083)*		
08 71 11 00-0123	EA	Painted Finish, 700 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	168.45	14.39
08 71 11 00-0124	EA	Satin Chrome Finish, 700 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	225.60	14.39
08 71 11 00-0125	EA	Bright Brass Finish, 700 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	257.36	14.39
08 71 11 00-0126	EA	Satin Brass Finish, 700 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	257.36	14.39
08 71 11 00-0127	EA	Satin Bronze Finish, 700 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	257.36	14.39
08 71 11 00-0128	EA	Dark Bronze Finish, 700 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	257.36	14.39
08 71 11 00-0129	EA	Bright Chrome Finish, 700 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	257.36	14.39
08 71 11 00-0130		Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0082)*		
08 71 11 00-0131		200 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0130)*		
08 71 11 00-0132	EA	Painted Finish, 200 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	203.33	11.51
08 71 11 00-0133	EA	Satin Chrome Finish, 200 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	251.60	11.51
08 71 11 00-0134	EA	Bright Brass Finish, 200 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	285.88	11.51
08 71 11 00-0135	EA	Satin Brass Finish, 200 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	285.88	11.51
08 71 11 00-0136	EA	Satin Bronze Finish, 200 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	285.88	11.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0137	EA	Dark Bronze Finish, 200 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	285.88	11.51
08 71 11 00-0138	EA	Bright Chrome Finish, 200 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	285.88	11.51
08 71 11 00-0139		**500 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges** *(08 71 11 00-0130)*		
08 71 11 00-0140	EA	Painted Finish, 500 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	225.60	14.39
08 71 11 00-0141	EA	Satin Chrome Finish, 500 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	240.84	14.39
08 71 11 00-0142	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	267.51	14.39
08 71 11 00-0143	EA	Satin Brass Finish, 500 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	267.51	14.39
08 71 11 00-0144	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	267.51	14.39
08 71 11 00-0145	EA	Dark Bronze Finish, 500 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	267.51	14.39
08 71 11 00-0146	EA	Bright Chrome Finish, 500 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	267.51	14.39
08 71 11 00-0147		**600 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges** *(08 71 11 00-0130)*		
08 71 11 00-0148	EA	Painted Finish, 600 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	225.60	14.39
08 71 11 00-0149	EA	Satin Chrome Finish, 600 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	240.84	14.39
08 71 11 00-0150	EA	Bright Brass Finish, 600 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	267.51	14.39
08 71 11 00-0151	EA	Satin Brass Finish, 600 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	267.51	14.39
08 71 11 00-0152	EA	Satin Bronze Finish, 600 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	267.51	14.39
08 71 11 00-0153	EA	Dark Bronze Finish, 600 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	267.51	14.39
08 71 11 00-0154	EA	Bright Chrome Finish, 600 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	267.51	14.39
08 71 11 00-0155		**700 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges** *(08 71 11 00-0130)*		
08 71 11 00-0156	EA	Painted Finish, 700 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	225.60	14.39
08 71 11 00-0157	EA	Satin Chrome Finish, 700 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	240.84	14.39
08 71 11 00-0158	EA	Bright Brass Finish, 700 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	267.51	14.39
08 71 11 00-0159	EA	Satin Brass Finish, 700 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	267.51	14.39
08 71 11 00-0160	EA	Satin Bronze Finish, 700 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	267.51	14.39
08 71 11 00-0161	EA	Dark Bronze Finish, 700 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	267.51	14.39
08 71 11 00-0162	EA	Bright Chrome Finish, 700 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	267.51	14.39
08 71 11 00-0163		**Bottom Mount, 3/4" Offset Pivot Hinges** *(08 71 11 00-0082)*		
08 71 11 00-0164		**200 Lb. Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges** *(08 71 11 00-0163)*		
08 71 11 00-0165	EA	Painted Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	179.20	11.51
08 71 11 00-0166	EA	Satin Chrome Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	228.75	11.51
08 71 11 00-0167	EA	Bright Brass Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	261.75	11.51
08 71 11 00-0168	EA	Satin Brass Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	261.75	11.51
08 71 11 00-0169	EA	Satin Bronze Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	261.75	11.51
08 71 11 00-0170	EA	Dark Bronze Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	326.60	11.51
08 71 11 00-0171	EA	Bright Chrome Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	261.75	11.51
08 71 11 00-0172	EA	Painted Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	179.20	11.51
08 71 11 00-0173	EA	Satin Chrome Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	228.75	11.51
08 71 11 00-0174	EA	Bright Brass Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	261.75	11.51
08 71 11 00-0175	EA	Satin Brass Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	261.75	11.51
08 71 11 00-0176	EA	Satin Bronze Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	261.75	11.51
08 71 11 00-0177	EA	Dark Bronze Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	261.75	11.51
08 71 11 00-0178	EA	Bright Chrome Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	261.75	11.51
08 71 11 00-0179	EA	Painted Finish, 200 Lb. Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	155.08	11.51
08 71 11 00-0180	EA	Satin Chrome Finish, 200 Lb. Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	212.23	11.51
08 71 11 00-0181	EA	Bright Brass Finish, 200 Lb. Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	245.24	11.51
08 71 11 00-0182	EA	Satin Brass Finish, 200 Lb. Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	245.24	11.51
08 71 11 00-0183	EA	Satin Bronze Finish, 200 Lb. Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	245.24	11.51
08 71 11 00-0184	EA	Dark Bronze Finish, 200 Lb. Lb. Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	245.24	11.51
08 71 11 00-0185	EA	Bright Chrome Finish, 200 Lb. Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	245.24	11.51
08 71 11 00-0186		**500 Lb. Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges** *(08 71 11 00-0163)*		
08 71 11 00-0187	EA	Satin Chrome Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	273.87	14.39
08 71 11 00-0188	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	291.64	14.39
08 71 11 00-0189	EA	Satin Brass Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	291.64	14.39
08 71 11 00-0190	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	291.64	14.39
08 71 11 00-0191	EA	Dark Bronze Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	291.64	14.39
08 71 11 00-0192	EA	Bright Chrome Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	291.64	14.39
08 71 11 00-0193	EA	Painted Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	296.72	14.39
08 71 11 00-0194		**600 Lb. Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges** *(08 71 11 00-0163)*		
08 71 11 00-0195	EA	Painted Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	234.51	14.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0196	EA	Satin Chrome Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	257.36	14.39
08 71 11 00-0197	EA	Bright Brass Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	273.87	14.39
08 71 11 00-0198	EA	Satin Brass Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	273.87	14.39
08 71 11 00-0199	EA	Satin Bronze Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	273.87	14.39
08 71 11 00-0200	EA	Dark Bronze Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	273.87	14.39
08 71 11 00-0201	EA	Bright Chrome Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	273.87	14.39
08 71 11 00-0202		**700 Lb. Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges** *(08 71 11 00-0163)*		
08 71 11 00-0203	EA	Painted Finish, 700 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	544.34	14.39
08 71 11 00-0204	EA	Satin Chrome Finish, 700 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	584.98	14.39
08 71 11 00-0205	EA	Bright Brass Finish, 700 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	649.77	14.39
08 71 11 00-0206	EA	Satin Brass Finish, 700 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	649.77	14.39
08 71 11 00-0207	EA	Satin Bronze Finish, 700 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	649.77	14.39
08 71 11 00-0208	EA	Dark Bronze Finish, 700 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	649.77	14.39
08 71 11 00-0209	EA	Bright Chrome Finish, 700 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	649.77	14.39
08 71 11 00-0210		**Fire Rated, 3/4" Offset Pivot Hinges** *(08 71 11 00-0081)*		
08 71 11 00-0211		**Top Mount, Fire Rated, 3/4" Offset Pivot Hinges** *(08 71 11 00-0210)*		
08 71 11 00-0212		**500 Lb. Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges** *(08 71 11 00-0211)*		
08 71 11 00-0213	EA	Painted Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	322.14	14.39
08 71 11 00-0214	EA	Satin Stainless Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	381.79	14.39
08 71 11 00-0215	EA	Bright Stainless Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	430.06	14.39
08 71 11 00-0216	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	430.06	14.39
08 71 11 00-0217	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	430.06	14.39
08 71 11 00-0218		**600 Lb. Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges** *(08 71 11 00-0211)*		
08 71 11 00-0219	EA	Painted Finish, 600 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	322.14	14.39
08 71 11 00-0220	EA	Satin Stainless Finish, 600 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	381.79	14.39
08 71 11 00-0221	EA	Bright Stainless Finish, 600 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	430.06	14.39
08 71 11 00-0222	EA	Bright Brass Finish, 600 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	430.06	14.39
08 71 11 00-0223	EA	Satin Bronze Finish, 600 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	430.06	14.39
08 71 11 00-0224		**700 Lb. Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges** *(08 71 11 00-0211)*		
08 71 11 00-0225	EA	Painted Finish, 700 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	322.14	14.39
08 71 11 00-0226	EA	Satin Stainless Finish, 700 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	381.79	14.39
08 71 11 00-0227	EA	Bright Stainless Finish, 700 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	430.06	14.39
08 71 11 00-0228	EA	Bright Brass Finish, 700 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	430.06	14.39
08 71 11 00-0229	EA	Satin Bronze Finish, 700 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	430.06	14.39
08 71 11 00-0230		**1,000 Lb. Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges** *(08 71 11 00-0211)*		
08 71 11 00-0231	EA	Painted Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	338.03	17.27
08 71 11 00-0232	EA	Satin Stainless Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	387.55	17.27
08 71 11 00-0233	EA	Bright Stainless Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	410.43	17.27
08 71 11 00-0234	EA	Bright Brass Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	410.43	17.27
08 71 11 00-0235	EA	Satin Bronze Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	410.43	17.27
08 71 11 00-0236		**1,750 Lb. Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges** *(08 71 11 00-0211)*		
08 71 11 00-0237	EA	Painted Finish, 1,750 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	338.03	17.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0238	EA	Satin Stainless Finish, 1,750 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	387.55	17.27
08 71 11 00-0239	EA	Bright Stainless Finish, 1,750 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	410.43	17.27
08 71 11 00-0240	EA	Bright Brass Finish, 1,750 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	410.43	17.27
08 71 11 00-0241	EA	Satin Bronze Finish, 1,750 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	410.43	17.27
08 71 11 00-0242		Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0210)*		
08 71 11 00-0243		500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0242)*		
08 71 11 00-0244	EA	Painted Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	332.27	14.39
08 71 11 00-0245	EA	Satin Stainless Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	388.15	14.39
08 71 11 00-0246	EA	Bright Stainless Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	404.67	14.39
08 71 11 00-0247	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	404.67	14.39
08 71 11 00-0248	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	404.67	14.39
08 71 11 00-0249		600 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0242)*		
08 71 11 00-0250	EA	Painted Finish, 600 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	332.27	14.39
08 71 11 00-0251	EA	Satin Stainless Finish, 600 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	388.15	14.39
08 71 11 00-0252	EA	Bright Stainless Finish, 600 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	404.67	14.39
08 71 11 00-0253	EA	Bright Brass Finish, 600 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	404.67	14.39
08 71 11 00-0254	EA	Satin Bronze Finish, 600 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	404.67	14.39
08 71 11 00-0255		700 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0242)*		
08 71 11 00-0256	EA	Painted Finish, 700 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	332.27	14.39
08 71 11 00-0257	EA	Satin Stainless Finish, 700 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	388.15	14.39
08 71 11 00-0258	EA	Bright Stainless Finish, 700 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	404.67	14.39
08 71 11 00-0259	EA	Bright Brass Finish, 700 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	404.67	14.39
08 71 11 00-0260	EA	Satin Bronze Finish, 700 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	404.67	14.39
08 71 11 00-0261		1,000 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0242)*		
08 71 11 00-0262	EA	Painted Finish, 1,000 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	371.06	17.27
08 71 11 00-0263	EA	Satin Stainless Finish, 1,000 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	428.19	17.27
08 71 11 00-0264	EA	Bright Stainless Finish, 1,000 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	443.43	17.27
08 71 11 00-0265	EA	Bright Brass Finish, 1,000 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	443.43	17.27
08 71 11 00-0266	EA	Satin Bronze Finish, 1,000 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	443.43	17.27
08 71 11 00-0267		1,750 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0242)*		
08 71 11 00-0268	EA	Painted Finish, 1,750 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	371.06	17.27
08 71 11 00-0269	EA	Satin Stainless Finish, 1,750 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	428.19	17.27
08 71 11 00-0270	EA	Bright Stainless Finish, 1,750 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	443.43	17.27
08 71 11 00-0271	EA	Bright Brass Finish, 1,750 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	443.43	17.27
08 71 11 00-0272	EA	Satin Bronze Finish, 1,750 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	443.43	17.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0273		Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0210)*		
08 71 11 00-0274		500 Lb. Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0273)*		
08 71 11 00-0275	EA	Painted Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	371.66	14.39
08 71 11 00-0276	EA	Satin Stainless Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	461.82	14.39
08 71 11 00-0277	EA	Bright Stainless Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	496.10	14.39
08 71 11 00-0278	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	496.10	14.39
08 71 11 00-0279	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	496.10	14.39
08 71 11 00-0280		600 Lb. Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0273)*		
08 71 11 00-0281	EA	Painted Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	365.30	14.39
08 71 11 00-0282	EA	Satin Stainless Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	388.15	14.39
08 71 11 00-0283	EA	Bright Stainless Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	446.58	14.39
08 71 11 00-0284	EA	Bright Brass Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	446.58	14.39
08 71 11 00-0285	EA	Satin Bronze Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	446.58	14.39
08 71 11 00-0286		1,000 Lb. Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0273)*		
08 71 11 00-0287	EA	Painted Finish, 1,000 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	419.31	17.27
08 71 11 00-0288	EA	Satin Stainless Finish, 1,000 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	467.58	17.27
08 71 11 00-0289	EA	Bright Stainless Finish, 1,000 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	485.34	17.27
08 71 11 00-0290	EA	Bright Brass Finish, 1,000 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	485.34	17.27
08 71 11 00-0291	EA	Satin Bronze Finish, 1,000 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	485.34	17.27
08 71 11 00-0292		1,750 Lb. Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0273)*		
08 71 11 00-0293	EA	Painted Finish, 1,750 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	598.37	17.27
08 71 11 00-0294	EA	Satin Stainless Finish, 1,750 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	639.01	17.27
08 71 11 00-0295	EA	Bright Stainless Finish, 1,750 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	655.53	17.27
08 71 11 00-0296	EA	Bright Brass Finish, 1,750 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	655.53	17.27
08 71 11 00-0297	EA	Satin Bronze Finish, 1,750 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	655.53	17.27
08 71 11 00-0298		1-1/2" Offset Pivot Hinges *(08 71 11 00-0080)*		
08 71 11 00-0299		Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0298)*		
08 71 11 00-0300		Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0299)*		
08 71 11 00-0301		400 Lb. Max Door Weight, Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0300)*		
08 71 11 00-0302	EA	Painted Finish, 400 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	381.79	14.39
08 71 11 00-0303	EA	Satin Stainless Finish, 400 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	413.55	14.39
08 71 11 00-0304	EA	Bright Stainless Finish, 400 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	437.67	14.39
08 71 11 00-0305	EA	Bright Bronze Finish, 400 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	437.67	14.39
08 71 11 00-0306	EA	Satin Bronze Finish, 400 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	437.67	14.39
08 71 11 00-0307		500 Lb. Max Door Weight, Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0300)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0308	EA	Painted Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	381.79	14.39
08 71 11 00-0309	EA	Satin Stainless Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	413.55	14.39
08 71 11 00-0310	EA	Bright Stainless Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	437.67	14.39
08 71 11 00-0311	EA	Bright Bronze Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	437.67	14.39
08 71 11 00-0312	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	437.67	14.39
08 71 11 00-0313		Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0299)*		
08 71 11 00-0314		400 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0313)*		
08 71 11 00-0315	EA	Painted Finish, 400 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	397.03	14.39
08 71 11 00-0316	EA	Satin Stainless Finish, 400 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	446.58	14.39
08 71 11 00-0317	EA	Bright Stainless Finish, 400 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	470.70	14.39
08 71 11 00-0318	EA	Bright Brass Finish, 400 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	470.70	14.39
08 71 11 00-0319	EA	Satin Bronze Finish, 400 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	470.70	14.39
08 71 11 00-0320		500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0313)*		
08 71 11 00-0321	EA	Painted Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	397.03	14.39
08 71 11 00-0322	EA	Satin Stainless Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	446.58	14.39
08 71 11 00-0323	EA	Bright Stainless Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	470.70	14.39
08 71 11 00-0324	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	470.70	14.39
08 71 11 00-0325	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	470.70	14.39
08 71 11 00-0326		Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0299)*		
08 71 11 00-0327		400 Lb. Max Door Weight, Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0326)*		
08 71 11 00-0328	EA	Painted Finish, 400 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	388.15	14.39
08 71 11 00-0329	EA	Satin Stainless Finish, 400 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	446.58	14.39
08 71 11 00-0330	EA	Bright Stainless Finish, 400 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	470.70	14.39
08 71 11 00-0331	EA	Bright Brass Finish, 400 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	470.70	14.39
08 71 11 00-0332	EA	Satin Bronze Finish, 400 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	470.70	14.39
08 71 11 00-0333		500 Lb. Max Door Weight, Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0326)*		
08 71 11 00-0334	EA	Painted Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	633.25	14.39
08 71 11 00-0335	EA	Satin Stainless Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	699.29	14.39
08 71 11 00-0336	EA	Bright Stainless Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	715.80	14.39
08 71 11 00-0337	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	715.80	14.39
08 71 11 00-0338	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	715.80	14.39
08 71 11 00-0339		Center Hung Pivot Hinges *(08 71 11 00-0075)*		
08 71 11 00-0340		Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0339)*		
08 71 11 00-0341		300 Lb. Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0340)*		
08 71 11 00-0342	EA	Painted Finish, 300 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	195.72	11.51
08 71 11 00-0343	EA	Satin Chrome Finish, 300 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	212.23	11.51
08 71 11 00-0344	EA	Bright Brass Finish, 300 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	212.23	11.51
08 71 11 00-0345	EA	Satin Brass Finish, 300 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	212.23	11.51
08 71 11 00-0346	EA	Satin Bronze Finish, 300 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	212.23	11.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0347	EA	Dark Bronze Finish, 300 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	212.23	11.51
08 71 11 00-0348	EA	Bright Chrome Finish, 300 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	212.23	11.51
08 71 11 00-0349		500 Lb. Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0340)*		
08 71 11 00-0350	EA	Painted Finish, 500 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	201.48	14.39
08 71 11 00-0351	EA	Satin Chrome Finish, 500 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	217.99	14.39
08 71 11 00-0352	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	217.99	14.39
08 71 11 00-0353	EA	Satin Brass Finish, 500 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	217.99	14.39
08 71 11 00-0354	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	217.99	14.39
08 71 11 00-0355	EA	Dark Bronze Finish, 500 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	217.99	14.39
08 71 11 00-0356	EA	Bright Chrome Finish, 500 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	217.99	14.39
08 71 11 00-0357		600 Lb. Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0340)*		
08 71 11 00-0358	EA	Painted Finish, 600 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	201.48	14.39
08 71 11 00-0359	EA	Satin Chrome Finish, 600 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	217.99	14.39
08 71 11 00-0360	EA	Bright Brass Finish, 600 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	217.99	14.39
08 71 11 00-0361	EA	Satin Brass Finish, 600 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	217.99	14.39
08 71 11 00-0362	EA	Satin Bronze Finish, 600 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	217.99	14.39
08 71 11 00-0363	EA	Dark Bronze Finish, 600 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	217.99	14.39
08 71 11 00-0364	EA	Bright Chrome Finish, 600 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	217.99	14.39
08 71 11 00-0365		1,000 Lb. Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0340)*		
08 71 11 00-0366	EA	Painted Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	321.52	17.27
08 71 11 00-0367	EA	Satin Chrome Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	377.42	17.27
08 71 11 00-0368	EA	Bright Brass Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	435.82	17.27
08 71 11 00-0369	EA	Satin Brass Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	435.82	17.27
08 71 11 00-0370	EA	Satin Bronze Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	435.82	17.27
08 71 11 00-0371	EA	Dark Bronze Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	435.82	17.27
08 71 11 00-0372	EA	Bright Chrome Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	435.82	17.27
08 71 11 00-0373		Bottom Mount, Center Hung Pivot Hinges *(08 71 11 00-0339)*		
08 71 11 00-0374		300 Lb. Max Door Weight, Bottom Mount, Center Hung Pivot Hinges *(08 71 11 00-0373)*		
08 71 11 00-0375	EA	Painted Finish, 300 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	147.45	11.51
08 71 11 00-0376	EA	Satin Chrome Finish, 300 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	171.60	11.51
08 71 11 00-0377	EA	Bright Brass Finish, 300 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	195.72	11.51
08 71 11 00-0378	EA	Satin Brass Finish, 300 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	195.72	11.51
08 71 11 00-0379	EA	Satin Bronze Finish, 300 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	195.72	11.51
08 71 11 00-0380	EA	Dark Bronze Finish, 300 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	195.72	11.51
08 71 11 00-0381	EA	Bright Chrome Finish, 300 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	195.72	11.51
08 71 11 00-0382		500 Lb. Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0373)*		
08 71 11 00-0383	EA	Painted Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	217.99	14.39
08 71 11 00-0384	EA	Satin Chrome Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	225.60	14.39
08 71 11 00-0385	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	225.60	14.39
08 71 11 00-0386	EA	Satin Brass Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	225.60	14.39
08 71 11 00-0387	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	225.60	14.39
08 71 11 00-0388	EA	Dark Bronze Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	225.60	14.39
08 71 11 00-0389	EA	Bright Chrome Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	225.60	14.39
08 71 11 00-0390	EA	Painted Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	217.99	14.39
08 71 11 00-0391	EA	Satin Chrome Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	225.60	14.39
08 71 11 00-0392	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	225.60	14.39
08 71 11 00-0393	EA	Satin Brass Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	225.60	14.39
08 71 11 00-0394	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	225.60	14.39
08 71 11 00-0395	EA	Dark Bronze Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	225.60	14.39
08 71 11 00-0396	EA	Bright Chrome Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	225.60	14.39
08 71 11 00-0397		600 Lb. Max Door Weight, Bottom Mount, Center Hung Pivot Hinges *(08 71 11 00-0373)*		
08 71 11 00-0398	EA	Painted Finish, 600 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	446.58	14.39
08 71 11 00-0399	EA	Satin Chrome Finish, 600 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	470.70	14.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0400	EA	Bright Brass Finish, 600 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	496.10	14.39
08 71 11 00-0401	EA	Satin Brass Finish, 600 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	496.10	14.39
08 71 11 00-0402	EA	Satin Bronze Finish, 600 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	496.10	14.39
08 71 11 00-0403	EA	Dark Bronze Finish, 600 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	496.10	14.39
08 71 11 00-0404	EA	Bright Chrome Finish, 600 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	496.10	14.39
08 71 11 00-0405		**1,000 Lb. Max Door Weight, Bottom Mount, Center Hung Pivot Hinges** *(08 71 11 00-0373)*		
08 71 11 00-0406	EA	Painted Finish, 1,000 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	826.96	17.27
08 71 11 00-0407	EA	Satin Chrome Finish, 1,000 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	851.08	17.27
08 71 11 00-0408	EA	Bright Brass Finish, 1,000 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	884.11	17.27
08 71 11 00-0409	EA	Satin Brass Finish, 1,000 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	884.11	17.27
08 71 11 00-0410	EA	Satin Bronze Finish, 1,000 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	884.11	17.27
08 71 11 00-0411	EA	Dark Bronze Finish, 1,000 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	884.11	17.27
08 71 11 00-0412	EA	Bright Chrome Finish, 1,000 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	884.11	17.27
08 71 11 00-0413		**Continuous Barrel-Type Hinge** *(08 71 11 00-0001)*		
08 71 11 00-0414	LF	1-1/2" Wide, Steel, Continuous Barrel-Type Hinge	27.45	4.60
		For Stainless Steel, Add	*4.97*	
		For Brass Or Nickel, Add	*5.42*	
		For Aluminum, Add	*1.77*	
		For Medium Gauge, Deduct	*-1.81*	
08 71 11 00-0415	LF	2" Wide, Steel, Continuous Barrel-Type Hinge	28.06	4.60
		For Stainless Steel, Add	*5.31*	
		For Brass Or Nickel, Add	*5.79*	
		For Aluminum, Add	*1.89*	
		For Medium Gauge, Deduct	*-1.93*	
08 71 11 00-0416	LF	2-1/2" Wide, Steel, Continuous Barrel-Type Hinge	29.26	4.60
		For Stainless Steel, Add	*5.97*	
		For Brass Or Nickel, Add	*6.51*	
		For Aluminum, Add	*2.13*	
		For Medium Gauge, Deduct	*-2.17*	
08 71 11 00-0417	LF	3" Wide, Steel, Continuous Barrel-Type Hinge	30.63	4.60
		For Stainless Steel, Add	*6.72*	
		For Brass Or Nickel, Add	*7.33*	
		For Aluminum, Add	*2.40*	
		For Medium Gauge, Deduct	*-2.44*	
08 71 11 00-0418		**Continuous Geared Hinges** *(08 71 11 00-0001)*		
08 71 11 00-0419	LF	Half Surface, Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-053)	63.60	4.60
		For Bronze Finish, Add	*16.95*	
		For Heavy-Duty, Add	*12.07*	
08 71 11 00-0420	LF	Full Surface, Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-057)	68.89	4.60
		For Bronze Finish, Add	*18.93*	
		For Heavy-Duty, Add	*13.49*	
08 71 11 00-0421	LF	Concealed (Full Mortise), Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-112)	42.41	4.60
		For Bronze Finish, Add	*9.00*	
08 71 11 00-0422	LF	Concealed (Full Mortise), Aluminum Geared Continuous Hinge, Heavy-Duty (Roton 780-112HD)	50.06	4.60
		For Bronze Finish, Add	*11.87*	
08 71 11 00-0423		**Mortised, Primed Steel, Double Acting Spring Hinges** *(08 71 11 00-0001)*		
08 71 11 00-0424	PR	2", Mortised, Primed Steel, Double Acting Spring Hinge	171.92	8.05
		For Satin Brass, Add	*31.59*	
08 71 11 00-0425	PR	3", Mortised, Primed Steel, Double Acting Spring Hinge	183.50	10.36
		For Satin Brass, Add	*31.61*	
08 71 11 00-0426	PR	4", Mortised, Primed Steel, Double Acting Spring Hinge	202.19	12.66
		For Satin Brass, Add	*33.33*	
08 71 11 00-0427	PR	5", Mortised, Primed Steel, Double Acting Spring Hinge	266.96	14.96
		For Satin Brass, Add	*46.12*	
08 71 11 00-0428	PR	6", Mortised, Primed Steel, Double Acting Spring Hinge	297.94	17.27
		For Satin Brass, Add	*50.79*	
08 71 11 00-0429	PR	7", Mortised, Primed Steel, Double Acting Spring Hinge	359.97	19.57
		For Satin Brass, Add	*62.91*	
08 71 11 00-0430	PR	8", Mortised, Primed Steel, Double Acting Spring Hinge	494.89	54.67
		For Satin Brass, Add	*92.53*	
08 71 11 00-0431		**Security Hinges** *(08 71 11 00-0001)*		
08 71 11 00-0432	EA	4-1/2" x 4-1/2", Non-Removable Pin, Full Mortise, Ball Bearing, Steel Security Hinge	43.82	8.05

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0433		Concealed Circuit Electric Hinge Option *(08 71 11 00-0001)*		
		Note: Excludes the hinge. These tasks are used in conjunction with other hinges to electrify the hinge.		
08 71 11 00-0434	EA	4 Wire Concealed Circuit Electric Hinge Option	323.81	
08 71 11 00-0435	EA	6 Wire Concealed Circuit Electric Hinge Option	382.31	
08 71 11 00-0436	EA	8 Wire Concealed Circuit Electric Hinge Option	440.81	
08 71 11 00-0437		Steel, Five Knuckle Satin Chrome Finish Hinges (Hager Companies) *(08 71 11 00-0001)*		
08 71 11 00-0438	EA	6" x 5", Steel, Standard Weight, Five Knuckle Ball Bearing	256.51	15.06
		For Owner Furnished Material, Deduct	*-179.20*	
08 71 11 00-0439	EA	6" x 6", Steel, Standard Weight, Five Knuckle Ball Bearing	256.51	15.06
		For Owner Furnished Material, Deduct	*-179.20*	
08 71 11 00-0440	EA	8" x 6", Steel, Standard Weight, Five Knuckle Ball Bearing	497.38	16.22
		For Owner Furnished Material, Deduct	*-413.93*	
08 71 11 00-0441	EA	8" x 8", Steel, Standard Weight, Five Knuckle Ball Bearing	497.38	16.22
		For Owner Furnished Material, Deduct	*-413.93*	
08 71 11 00-0442	EA	4-1/2"" x 4", Steel, Standard Weight, Five Knuckle Ball Bearing	114.50	12.75
		For Owner Furnished Material, Deduct	*-48.43*	
08 71 11 00-0443	EA	4-1/2" x 4-1/2", Steel, Standard Weight, Five Knuckle Ball Bearing	114.50	12.75
		For Owner Furnished Material, Deduct	*-48.43*	
08 71 11 00-0444	EA	5" x 4", Steel, Standard Weight, Five Knuckle Ball Bearing	131.98	15.06
		For Owner Furnished Material, Deduct	*-54.67*	
08 71 11 00-0445	EA	5" x 4-1/2", Steel, Standard Weight, Five Knuckle Ball Bearing	131.98	15.06
		For Owner Furnished Material, Deduct	*-54.67*	
08 71 11 00-0446	EA	5" x 5", Steel, Standard Weight, Five Knuckle Ball Bearing	131.98	15.06
		For Owner Furnished Material, Deduct	*-54.67*	
08 71 11 00-0447	EA	6" x 4-1/2", Steel, Standard Weight, Five Knuckle Ball Bearing	256.51	15.06
		For Owner Furnished Material, Deduct	*-179.20*	
08 71 11 00-0448		Stainless Steel, Heavy-Duty, Five Knuckle Satin Chrome Finish Hinges (Hager Companies) *(08 71 11 00-0001)*		
08 71 11 00-0449	EA	3-1/2" x 3-1/2", Stainless Steel, Heavy Weight, Five Knuckle Ball Bearing	95.81	8.12
		For Owner Furnished Material, Deduct	*-52.11*	
08 71 11 00-0450	EA	4" x 4", Stainless Steel, Heavy Weight, Five Knuckle Ball Bearing	108.10	11.59
		For Owner Furnished Material, Deduct	*-50.15*	
08 71 11 00-0451	EA	4-1/2" x 4", Stainless Steel, Heavy Weight, Five Knuckle Ball Bearing	117.02	12.75
		For Owner Furnished Material, Deduct	*-50.95*	
08 71 11 00-0452	EA	4-1/2" x 4-1/2", Stainless Steel, Heavy Weight, Five Knuckle Ball Bearing	117.02	12.75
		For Owner Furnished Material, Deduct	*-50.95*	
08 71 11 00-0453	EA	5" x 4", Stainless Steel, Heavy Weight, Five Knuckle Ball Bearing	128.26	15.06
		For Owner Furnished Material, Deduct	*-50.95*	
08 71 11 00-0454	EA	5" x 4-1/2", Stainless Steel, Heavy Weight, Five Knuckle Ball Bearing	148.45	15.06
		For Owner Furnished Material, Deduct	*-71.14*	
08 71 11 00-0455	EA	5" x 5", Stainless Steel, Heavy Weight, Five Knuckle Ball Bearing	148.45	15.06
		For Owner Furnished Material, Deduct	*-71.14*	
08 71 11 00-0456	EA	6" x 4-1/2", Stainless Steel, Heavy Weight, Five Knuckle Ball Bearing	337.92	15.06
		For Owner Furnished Material, Deduct	*-260.61*	
08 71 11 00-0457	EA	6" x 5", Stainless Steel, Heavy Weight, Five Knuckle Ball Bearing	337.92	15.06
		For Owner Furnished Material, Deduct	*-260.61*	
08 71 11 00-0458	EA	6" x 6", Stainless Steel, Heavy Weight, Five Knuckle Ball Bearing	337.92	15.06
		For Owner Furnished Material, Deduct	*-260.61*	
08 71 11 00-0459		Hinge Filler Plates For Door Frames *(08 71 11 00-0001)*		
08 71 11 00-0460	PR	Hinge Filler Plates For Door Frames	22.11	5.76
08 71 11 00-0461		Full Surface Swing Clear Pin And Barrel Hinge *(08 71 11 00-0001)*		
08 71 11 00-0462	LF	83-1/8", Satin Stainless Steel Finish, Full Surface Swing Clear Pin And Barrel Hinge (Marker FS/SC309SS-83)	996.26	31.76
		For Owner Furnished Material, Deduct	*-869.65*	
08 71 11 00-0463	LF	95", Satin Stainless Steel Finish, Full Surface Swing Clear Pin And Barrel Hinge (Marker FS/SC309SS-95)	1,138.35	36.14
		For Owner Furnished Material, Deduct	*-1,000.24*	
08 71 11 00-0464		Door Trim *(08 71 11)*		
08 71 11 00-0465		Floor Stops, Wall Stops And Bumpers *(08 71 11 00-0464)*		
08 71 11 00-0466		Floor Stops *(08 71 11 00-0465)*		
08 71 11 00-0467		Aluminum Floor Stops *(08 71 11 00-0466)*		
08 71 11 00-0468	EA	1-5/16" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS430)	32.87	14.39
08 71 11 00-0469	EA	1" Overall Height, 3/16" Base Height, Satin Aluminum Finish, Aluminum Dome Floor Stop (Ives FS436)	36.95	14.39
08 71 11 00-0470	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Aluminum Finish, Aluminum Dome Floor Stop (Ives FS438)	38.51	14.39
08 71 11 00-0471	EA	2-1/8" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS441)	62.18	14.39
08 71 11 00-0472	EA	3" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS444/448)	65.01	14.39
08 71 11 00-0473		Brass Floor Stops *(08 71 11 00-0466)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0474	EA	1" Overall Height, 3/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS436)	37.52	14.39
08 71 11 00-0475	EA	1" Overall Height, 3/16" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS436)	39.08	14.39
08 71 11 00-0476	EA	1" Overall Height, 3/16" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS436)	39.08	14.39
08 71 11 00-0477	EA	1" Overall Height, 3/16" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS436)	39.68	14.39
08 71 11 00-0478	EA	1" Overall Height, 3/16" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS436)	40.48	14.39
08 71 11 00-0479	EA	1" Overall Height, 3/16" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS436)	40.48	14.39
08 71 11 00-0480	EA	1" Overall Height, 3/16" Base Height, Satin Nickel Finish, Brass Dome Floor Stop (Ives FS436)	40.48	14.39
08 71 11 00-0481	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS438)	38.51	14.39
08 71 11 00-0482	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS438)	40.86	14.39
08 71 11 00-0483	EA	1-3/8" Overall Height, 9/16" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS438)	40.86	14.39
08 71 11 00-0484	EA	1-3/8" Overall Height, 9/16" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS438)	41.78	14.39
08 71 11 00-0485	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS438)	42.58	14.39
08 71 11 00-0486	EA	1-3/8" Overall Height, 9/16" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS438)	42.58	14.39
08 71 11 00-0487	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Nickel Finish, Brass Dome Floor Stop (Ives FS438)	46.30	14.39
08 71 11 00-0488	EA	1" Overall Height, 5/32" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS13)	41.02	14.39
08 71 11 00-0489	EA	1" Overall Height, 5/32" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS13)	41.02	14.39
08 71 11 00-0490	EA	1" Overall Height, 5/32" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS13)	43.60	14.39
08 71 11 00-0491	EA	1" Overall Height, 5/32" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS13)	43.60	14.39
08 71 11 00-0492	EA	1" Overall Height, 5/32" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS13)	43.60	14.39
08 71 11 00-0493	EA	1" Overall Height, 5/32" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS13)	43.60	14.39
08 71 11 00-0494	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS17)	42.80	14.39
08 71 11 00-0495	EA	1-11/32" Overall Height, 1/2" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS17)	42.80	14.39
08 71 11 00-0496	EA	1-11/32" Overall Height, 1/2" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS17)	45.32	14.39
08 71 11 00-0497	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS17)	45.32	14.39
08 71 11 00-0498	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS17)	45.32	14.39
08 71 11 00-0499	EA	1-11/32" Overall Height, 1/2" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS17)	45.32	14.39
08 71 11 00-0500	EA	2-1/8" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS441)	64.47	14.39
08 71 11 00-0501	EA	2-1/8" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS441)	65.58	14.39
08 71 11 00-0502	EA	2-1/8" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS441)	68.29	14.39
08 71 11 00-0503	EA	2-1/8" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS441)	70.48	14.39
08 71 11 00-0504	EA	2-1/8" Overall Height, Satin Bronze Finish, Brass Floor Stop (Ives FS441)	70.48	14.39
08 71 11 00-0505	EA	2-1/8" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS441)	79.43	14.39
08 71 11 00-0506	EA	2-1/8" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS441)	79.43	14.39
08 71 11 00-0507	EA	3" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS444/448)	76.12	14.39
08 71 11 00-0508	EA	3" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS444/448)	77.71	14.39
08 71 11 00-0509	EA	3" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS444/448)	77.71	14.39
08 71 11 00-0510	EA	3" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS444/448)	77.71	14.39
08 71 11 00-0511	EA	3" Overall Height, Satin Bronze Finish, Brass Floor Stop (Ives FS444/448)	77.71	14.39
08 71 11 00-0512	EA	3" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS444/448)	89.96	14.39
08 71 11 00-0513	EA	3" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS444/448)	89.96	14.39
08 71 11 00-0514	EA	1-5/16" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS430)	51.14	14.39
08 71 11 00-0515	EA	1-5/16" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS430)	53.18	14.39
08 71 11 00-0516	EA	1-5/16" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS430)	57.79	14.39
08 71 11 00-0517	EA	1-5/16" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS430)	57.79	14.39
08 71 11 00-0518	EA	1-5/16" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS430)	57.79	14.39
08 71 11 00-0519	EA	1-5/16" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS430)	59.16	14.39
08 71 11 00-0520		**Steel Floor Stops** *(08 71 11 00-0466)*		
08 71 11 00-0521	EA	2-5/8" Overall Height, Zinc Plated Finish, Wrought Steel Floor Stop (Ives FS434)	43.18	14.39
08 71 11 00-0522	EA	1-1/2" Overall Height, Grout In, Molded Rubber Security Floor Stop (Ives FS18S) Note: Includes drilling. Excludes Grout.	118.98	14.39
08 71 11 00-0523	EA	3-1/2" Overall Height, Grout In, Molded Rubber Security Floor Stop (Ives FS18L) Note: Includes drilling. Excludes Grout.	125.44	14.39
08 71 11 00-0524		**Wall Stops** *(08 71 11 00-0465)*		
08 71 11 00-0525		**Aluminum Wall Stops** *(08 71 11 00-0524)*		
08 71 11 00-0526	EA	3-3/4" Projection, Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop (Ives WS65)	24.91	8.63
08 71 11 00-0527		**Brass Wall Stops** *(08 71 11 00-0524)*		
08 71 11 00-0528	EA	3-3/4" Projection, Residential Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives 60)	31.01	5.76
08 71 11 00-0529	EA	3-3/4" Projection, Residential Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives 60)	31.01	5.76
08 71 11 00-0530	EA	3-3/4" Projection, Residential Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives 60)	31.01	5.76
08 71 11 00-0531	EA	3-3/4" Projection, Residential Rigid Type, Satin Nickel Finish, Brass Wall Stop (Ives 60)	37.06	5.76
08 71 11 00-0532	EA	3-3/4" Projection, Residential Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives 60)	37.63	5.76
08 71 11 00-0533	EA	3-3/4" Projection, Residential Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives 60)	37.63	5.76
08 71 11 00-0534	EA	3-3/4" Projection, Residential Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives 60)	37.63	5.76
08 71 11 00-0535	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS11)	89.37	8.63
08 71 11 00-0536	EA	3-3/4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives WS11)	91.50	8.63
08 71 11 00-0537	EA	3-3/4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives WS11)	91.50	8.63
08 71 11 00-0538	EA	3-3/4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives WS11)	91.50	8.63
08 71 11 00-0539	EA	3-3/4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives WS11)	91.50	8.63
08 71 11 00-0540	EA	3-3/4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives WS11)	91.50	8.63
08 71 11 00-0541	EA	3-3/4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives WS443/447)	74.35	8.63
08 71 11 00-0542	EA	3-3/4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives WS443/447)	85.87	8.63
08 71 11 00-0543	EA	3-3/4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives WS443/447)	85.87	8.63
08 71 11 00-0544	EA	3-3/4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives WS443/447)	85.87	8.63
08 71 11 00-0545	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS443/447)	85.87	8.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0546	EA	3-3/4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives WS443/447)	88.61	8.63
08 71 11 00-0547	EA	3-3/4" Projection, Rigid Type, Satin Nickel Finish, Brass Wall Stop (Ives WS443/447)	88.61	8.63
08 71 11 00-0548	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS33)	145.50	8.63
08 71 11 00-0549		**Steel Wall Stops** *(08 71 11 00-0524)*		
08 71 11 00-0550	EA	3" Projection, Residential Spring Type, Bright Brass Finish, Steel Wall Stop (Ives 63)	12.69	5.76
08 71 11 00-0551		**Hinge Pin Door Stops** *(08 71 11 00-0465)*		
08 71 11 00-0552		**Aluminum Hinge Pin Door Stops** *(08 71 11 00-0551)*		
08 71 11 00-0553	EA	Satin Aluminum Finish, Aluminum Hinge Pin Door Stop (Ives 70)	26.51	11.51
08 71 11 00-0554		**Brass Hinge Pin Door Stops** *(08 71 11 00-0551)*		
08 71 11 00-0555	EA	Satin Brass Finish, Brass Hinge Pin Door Stop (Ives 73)	31.38	11.51
08 71 11 00-0556	EA	Satin Chrome Finish, Brass Hinge Pin Door Stop (Ives 70)	41.50	11.51
08 71 11 00-0557	EA	Satin Brass Finish, Brass Hinge Pin Door Stop (Ives 70)	41.50	11.51
08 71 11 00-0558	EA	Bright Brass Finish, Brass Hinge Pin Door Stop (Ives 70)	41.50	11.51
08 71 11 00-0559	EA	Bright Chrome Finish, Brass Hinge Pin Door Stop (Ives 70)	46.24	11.51
08 71 11 00-0560	EA	Satin Bronze Finish, Brass Hinge Pin Door Stop (Ives 70)	46.24	11.51
08 71 11 00-0561	EA	Dark Bronze Finish, Brass Hinge Pin Door Stop (Ives 70)	46.24	11.51
08 71 11 00-0562	EA	Satin Nickel Finish, Brass Hinge Pin Door Stop (Ives 70)	46.24	11.51
08 71 11 00-0563		**Wall Bumpers** *(08 71 11 00-0465)*		
08 71 11 00-0564		**Brass Wall Bumpers** *(08 71 11 00-0563)*		
08 71 11 00-0565	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Chrome Finish, Wrought Brass Wall Bumper (Ives WS406/407)	35.39	14.39
08 71 11 00-0566	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Brass Finish, Wrought Brass Wall Bumper (Ives WS406/407)	35.39	14.39
08 71 11 00-0567	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Brass Finish, Wrought Brass Wall Bumper (Ives WS406/407)	35.39	14.39
08 71 11 00-0568	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Chrome Finish, Wrought Brass Wall Bumper (Ives WS406/407)	35.96	14.39
08 71 11 00-0569	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Bronze Finish, Wrought Brass Wall Bumper (Ives WS406/407)	35.96	14.39
08 71 11 00-0570	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Dark Bronze Finish, Wrought Brass Wall Bumper (Ives WS406/407)	35.96	14.39
08 71 11 00-0571	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Wrought Brass Wall Bumper (Ives WS406/407)	35.96	14.39
08 71 11 00-0572	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Brass Finish, Cast Brass Wall Bumper (Ives WS401/402)	55.43	14.39
08 71 11 00-0573	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Chrome Finish, Cast Brass Wall Bumper (Ives WS401/402)	60.72	14.39
08 71 11 00-0574	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Chrome Finish, Cast Brass Wall Bumper (Ives WS401/402)	60.72	14.39
08 71 11 00-0575	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Brass Finish, Cast Brass Wall Bumper (Ives WS401/402)	60.72	14.39
08 71 11 00-0576	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Bronze Finish, Cast Brass Wall Bumper (Ives WS401/402)	60.72	14.39
08 71 11 00-0577	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Dark Bronze Finish, Cast Brass Wall Bumper (Ives WS401/402)	60.72	14.39
08 71 11 00-0578	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Cast Brass Wall Bumper (Ives WS401/402)	61.89	14.39
08 71 11 00-0579		**Rubber Wall Bumpers** *(08 71 11 00-0563)*		
08 71 11 00-0580	EA	1-7/8" Base Diameter, Adhesive-Backed, Concave Rubber Wall Bumper (Ives WS411R-W)	33.29	14.39
08 71 11 00-0581		**Holders** *(08 71 11 00-0464)*		
08 71 11 00-0582		**Plunger Type Door Holders** *(08 71 11 00-0581)*		
08 71 11 00-0583		**Aluminum Plunger Type Door Holders** *(08 71 11 00-0582)*		
08 71 11 00-0584	EA	Satin Aluminum Finish, Aluminum Plunger Type Door Holder (Ives FS1153)	94.62	8.63
08 71 11 00-0585		**Brass Plunger Type Door Holders** *(08 71 11 00-0582)*		
08 71 11 00-0586	EA	Satin Chrome Finish, Brass Plunger Type Door Holder (Ives FS1154)	156.80	8.63
08 71 11 00-0587	EA	Bright Chrome Finish, Brass Plunger Type Door Holder (Ives FS1154)	156.80	8.63
08 71 11 00-0588	EA	Satin Brass Finish, Brass Plunger Type Door Holder (Ives FS1154)	156.80	8.63
08 71 11 00-0589	EA	Bright Brass Finish, Brass Plunger Type Door Holder (Ives FS1154)	156.80	8.63
08 71 11 00-0590	EA	Satin Bronze Finish, Brass Plunger Type Door Holder (Ives FS1154)	156.80	8.63
08 71 11 00-0591	EA	Dark Bronze Finish, Brass Plunger Type Door Holder (Ives FS1154)	156.80	8.63
08 71 11 00-0592	EA	Satin Nickel Finish, Brass Plunger Type Door Holder (Ives FS1154)	156.80	8.63
08 71 11 00-0593		**Kick Down Door Holders** *(08 71 11 00-0581)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0594		**Aluminum Kick Down Door Holders** *(08 71 11 00-0593)*		
08 71 11 00-0595	EA	Satin Aluminum Finish, Aluminum Kick Down Door Holder (Ives FS455)	29.90	8.63
08 71 11 00-0596		**Brass Kick Down Door Holders** *(08 71 11 00-0593)*		
08 71 11 00-0597	EA	Satin Brass Finish, Brass Kick Down Door Holder (Ives FS455)	68.56	8.63
08 71 11 00-0598	EA	Bright Brass Finish, Brass Kick Down Door Holder (Ives FS455)	68.56	8.63
08 71 11 00-0599	EA	Satin Bronze Finish, Brass Kick Down Door Holder (Ives FS455)	68.56	8.63
08 71 11 00-0600	EA	Satin Chrome Finish, Brass Kick Down Door Holder (Ives FS455)	78.65	8.63
08 71 11 00-0601	EA	Bright Chrome Finish, Brass Kick Down Door Holder (Ives FS455)	78.65	8.63
08 71 11 00-0602	EA	Dark Bronze Finish, Brass Kick Down Door Holder (Ives FS455)	78.65	8.63
08 71 11 00-0603	EA	Satin Nickel Finish, Brass Kick Down Door Holder (Ives FS455)	81.19	8.63
08 71 11 00-0604		**Steel Kick Down Door Holders** *(08 71 11 00-0593)*		
08 71 11 00-0605	EA	Steel Kick Down Door Holder (Ives FS544)	37.70	8.63
08 71 11 00-0606		**Floor Mounted Door Holders** *(08 71 11 00-0581)*		
08 71 11 00-0607		**Brass Floor Mounted Door Holders** *(08 71 11 00-0606)*		
08 71 11 00-0608	EA	Up To 1/2" Door To Floor Clearance, Satin Chrome Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	134.09	17.27
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0609	EA	Up To 1/2" Door To Floor Clearance, Satin Brass Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	134.09	17.27
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0610	EA	Up To 1/2" Door To Floor Clearance, Bright Chrome Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	167.60	17.27
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0611	EA	Up To 1/2" Door To Floor Clearance, Bright Brass Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	167.60	17.27
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0612	EA	Up To 1/2" Door To Floor Clearance, Satin Bronze Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	167.60	17.27
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0613	EA	Up To 1/2" Door To Floor Clearance, Dark Bronze Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	167.60	17.27
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0614		**Wall Mounted Door Holders** *(08 71 11 00-0581)*		
08 71 11 00-0615		**Aluminum Wall Mounted Door Holders** *(08 71 11 00-0614)*		
08 71 11 00-0616	EA	4" Projection, Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop And Manual Door Holder (Ives WS20)	120.88	10.07
08 71 11 00-0617	EA	Wall Mounted, Satin Aluminum Finish, Aluminum Automatic Door Holder (Ives WS40)	176.41	17.27
08 71 11 00-0618		**Brass Wall Mounted Door Holders** *(08 71 11 00-0614)*		
08 71 11 00-0619	EA	3-11/16" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	110.73	10.07
08 71 11 00-0620	EA	3-11/16" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	128.90	10.07
08 71 11 00-0621	EA	3-11/16" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	128.90	10.07
08 71 11 00-0622	EA	3-11/16" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	128.90	10.07
08 71 11 00-0623	EA	3-11/16" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	128.90	10.07
08 71 11 00-0624	EA	3-11/16" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	128.90	10.07
08 71 11 00-0625	EA	3-11/16" Projection, Rigid Type, Satin Nickel Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	133.16	10.07
08 71 11 00-0626	EA	4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	125.94	10.07
08 71 11 00-0627	EA	4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	150.73	10.07
08 71 11 00-0628	EA	4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	150.73	10.07
08 71 11 00-0629	EA	4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	150.73	10.07
08 71 11 00-0630	EA	4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	150.73	10.07
08 71 11 00-0631	EA	4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	150.73	10.07
08 71 11 00-0632	EA	Wall Mounted, Satin Chrome Finish, Brass Automatic Door Holder (Ives WS40)	201.13	17.27
08 71 11 00-0633	EA	Wall Mounted, Bright Chrome Finish, Brass Automatic Door Holder (Ives WS40)	212.27	17.27
08 71 11 00-0634	EA	Wall Mounted, Satin Brass Finish, Brass Automatic Door Holder (Ives WS40)	212.27	17.27
08 71 11 00-0635	EA	Wall Mounted, Bright Brass Finish, Brass Automatic Door Holder (Ives WS40)	212.27	17.27
08 71 11 00-0636	EA	Wall Mounted, Satin Bronze Finish, Brass Automatic Door Holder (Ives WS40)	212.27	17.27
08 71 11 00-0637	EA	Wall Mounted, Dark Bronze Finish, Brass Automatic Door Holder (Ives WS40)	212.27	17.27

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0638		**Overhead Door Holders** *(08 71 11 00-0581)*		
08 71 11 00-0639		**Surface Mounted, Overhead Door Holders** *(08 71 11 00-0638)*		
08 71 11 00-0640	EA	Surface Mounted, Aluminum Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	622.92	28.77
		For Hold Open, Add	*73.28*	
08 71 11 00-0641	EA	Surface Mounted, Dark Bronze Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	716.47	28.77
		For Hold Open, Add	*86.78*	
08 71 11 00-0642	EA	Surface Mounted, Polished Brass Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	716.47	28.77
		For Hold Open, Add	*86.78*	
08 71 11 00-0643	EA	Surface Mounted, Polished Chrome Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	716.47	28.77
		For Hold Open, Add	*86.78*	
08 71 11 00-0644	EA	Surface Mounted, Stainless Steel Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	713.29	28.77
		For Hold Open, Add	*86.32*	
08 71 11 00-0645		**Heavy-Duty, Surface Mounted, Overhead Door Holders** *(08 71 11 00-0638)*		
		Note: With or without hold open feature.		
08 71 11 00-0646	EA	Heavy-Duty, Surface Mounted, Aluminum Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	481.64	28.77
08 71 11 00-0647	EA	Heavy-Duty, Surface Mounted, Stainless Steel Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	705.01	28.77
08 71 11 00-0648	EA	Heavy-Duty, Surface Mounted, Dark Bronze Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	802.38	28.77
08 71 11 00-0649	EA	Heavy-Duty, Surface Mounted, Polished Brass Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	802.38	28.77
08 71 11 00-0650	EA	Heavy-Duty, Surface Mounted, Polished Chrome Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	802.38	28.77
08 71 11 00-0651		**Concealed Mounted, Overhead Door Holders** *(08 71 11 00-0638)*		
		Note: With or without hold open feature.		
08 71 11 00-0652	EA	Concealed Mounted, Aluminum Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	681.47	28.77
08 71 11 00-0653	EA	Concealed Mounted, Stainless Steel Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	681.47	28.77
08 71 11 00-0654	EA	Concealed Mounted, Dark Bronze Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	719.65	28.77
08 71 11 00-0655	EA	Concealed Mounted, Polished Brass Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	752.11	28.77
08 71 11 00-0656	EA	Concealed Mounted, Polished Chrome Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	752.11	28.77
08 71 11 00-0657		**Silencers** *(08 71 11 00-0464)*		
08 71 11 00-0658	EA	Replacement Of Rubber Door Silencers Note: For repair / maintenance only. This task is not to be used in conjunction with new door or frame installations.	1.77	
08 71 11 00-0659		**Bolts** *(08 71 11 00-0464)*		
08 71 11 00-0660		**Brass Surface Bolts** *(08 71 11 00-0659)*		
08 71 11 00-0661	EA	8" Length, Satin Chrome Finish, Brass Surface Bolt With Strike (Ives SB1640)	205.17	14.39
08 71 11 00-0662	EA	8" Length, Bright Brass Finish, Brass Surface Bolt With Strike (Ives SB1640)	219.87	14.39
08 71 11 00-0663	EA	8" Length, Dark Bronze Finish, Brass Surface Bolt With Strike (Ives SB1640)	219.87	14.39
08 71 11 00-0664		**Steel Surface Bolts** *(08 71 11 00-0659)*		
08 71 11 00-0665	EA	8" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB453)	91.26	14.39
08 71 11 00-0666	EA	8" Length, Bright Brass Finish, Steel Surface Bolt With Strike (Ives SB453)	91.26	14.39
08 71 11 00-0667	EA	8" Length, Satin Brass Finish, Steel Surface Bolt With Strike (Ives SB453)	91.26	14.39
08 71 11 00-0668	EA	8" Length, Satin Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	104.12	14.39
08 71 11 00-0669	EA	8" Length, Satin Chrome Finish, Steel Surface Bolt With Strike (Ives SB453)	105.96	14.39
08 71 11 00-0670	EA	8" Length, Dark Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	109.62	14.39
08 71 11 00-0671	EA	12" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB453)	107.78	14.39
08 71 11 00-0672	EA	12" Length, Satin Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	113.31	14.39
08 71 11 00-0673	EA	12" Length, Dark Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	120.66	14.39
08 71 11 00-0674	EA	12" Length, Satin Chrome Finish, Steel Surface Bolt With Strike (Ives SB453)	126.17	14.39
08 71 11 00-0675	EA	12" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB360)	199.67	14.39
08 71 11 00-0676		**Door Viewer** *(08 71 11 00-0464)*		
08 71 11 00-0677		**Brass Door Viewer** *(08 71 11 00-0676)*		
08 71 11 00-0678	EA	120 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Door Viewer (Ives U700)	46.30	14.39
08 71 11 00-0679	EA	120 Degree Angle Of View, Satin Brass Finish, Brass One-Way Door Viewer (Ives U700)	46.30	14.39
08 71 11 00-0680	EA	120 Degree Angle Of View, Dark Bronze Finish, Brass One-Way Door Viewer (Ives U700)	46.30	14.39
08 71 11 00-0681	EA	150 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Door Viewer (Ives U696)	54.51	14.39
08 71 11 00-0682	EA	150 Degree Angle Of View, Dark Bronze Finish, Brass One-Way Door Viewer (Ives U696)	54.51	14.39
08 71 11 00-0683	EA	150 Degree Angle Of View, Satin Brass Finish, Brass One-Way Door Viewer (Ives U696)	54.51	14.39
08 71 11 00-0684	EA	190 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Wide Angle Door Viewer (Ives U698)	64.63	14.39
08 71 11 00-0685	EA	190 Degree Angle Of View, Bright Brass Finish, Brass One-Way Wide Angle Door Viewer (Ives U698)	64.63	14.39
08 71 11 00-0686		**Door Knockers** *(08 71 11 00-0464)*		
08 71 11 00-0687		**Brass Door Knockers** *(08 71 11 00-0686)*		
08 71 11 00-0688	EA	5-15/16" Length, 3" Width, Bright Brass Finish, Brass Door Knocker (Ives 3125)	71.63	14.39
08 71 11 00-0689	EA	5-15/16" Length, 3" Width, Satin Chrome Finish, Brass Door Knocker (Ives 3125)	79.43	14.39
08 71 11 00-0690	EA	5-15/16" Length, 3" Width, Bright Chrome Finish, Brass Door Knocker (Ives 3125)	79.43	14.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0691	EA	5-15/16" Length, 3" Width, Satin Nickel Finish, Brass Door Knocker (Ives 3125)	79.43	14.39
08 71 11 00-0692	EA	8-1/2" Length, 4-1/8" Width, Bright Brass Finish, Brass Door Knocker (Ives 3107)	109.02	14.39
08 71 11 00-0693	EA	8-1/2" Length, 4-1/8" Width, Satin Nickel Finish, Brass Door Knocker (Ives 3107)	127.82	14.39
08 71 11 00-0694		**Hasps** *(08 71 11 00-0464)*		
08 71 11 00-0695	EA	3-1/4", Zinc Plated Finish, Steel Hasp Assembly	32.35	10.86
08 71 11 00-0696	EA	4-1/2", Zinc Plated Finish, Steel Hasp Assembly	34.50	11.51
08 71 11 00-0697	EA	6", Zinc Plated Finish, Steel Hasp Assembly	44.54	12.95
08 71 11 00-0698	EA	6", Zinc Plated Finish, Steel High Security Hasp Assembly	192.72	15.53
08 71 11 00-0699		**Flush Bolts** *(08 71 11 00-0464)*		
08 71 11 00-0700		**Flush Bolts For Metal Doors** *(08 71 11 00-0699)*		
08 71 11 00-0701		**Brass Flush Bolts For Metal Doors** *(08 71 11 00-0700)*		
08 71 11 00-0702		**Manual, Brass Flush Bolts For Metal Doors** *(08 71 11 00-0701)*		
		Note: Includes brass construction with bright brass, satin brass, satin bronze, dark bronze, satin nickel, bright chrome or satin chrome finish.		
08 71 11 00-0703	EA	Top Or Bottom Bolt, Manual, Brass Flush Bolt For Metal Doors (Ives FB457/458)	69.21	14.39
08 71 11 00-0704		**Automatic, Brass Flush Bolts For Metal Doors** *(08 71 11 00-0701)*		
		Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0705	EA	Top Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31T)	146.07	14.39
08 71 11 00-0706	EA	Bottom Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31B)	146.07	14.39
08 71 11 00-0707	EA	Top And Bottom Bolt, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31P)	254.42	23.01
08 71 11 00-0708	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Brass Flush Bolt For Metal Doors (Ives FB32)	262.55	20.14
08 71 11 00-0709	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Automatic, Brass Flush Bolt For Metal Doors (Ives FB33)	272.79	21.58
08 71 11 00-0710		**Constant Latching, Brass Flush Bolts For Metal Doors** *(08 71 11 00-0701)*		
		Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0711	EA	Top Bolt Only, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB51T)	173.77	14.39
08 71 11 00-0712	EA	Top And Bottom Bolt, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB51P)	323.88	23.01
08 71 11 00-0713	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB52)	318.12	20.14
08 71 11 00-0714	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB53)	330.20	21.58
08 71 11 00-0715		**Stainless Steel Flush Bolts For Metal Doors** *(08 71 11 00-0700)*		
08 71 11 00-0716		**Automatic, Stainless Steel Flush Bolts For Metal Doors** *(08 71 11 00-0715)*		
		Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0717	EA	Top Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31T)	146.07	14.39
08 71 11 00-0718	EA	Bottom Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31B)	146.07	14.39
08 71 11 00-0719	EA	Top And Bottom Bolt, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31P)	254.42	23.01
08 71 11 00-0720	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB32)	262.55	20.14
08 71 11 00-0721	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB33)	272.79	21.58
08 71 11 00-0722		**Constant Latching, Stainless Steel Flush Bolts For Metal Doors** *(08 71 11 00-0715)*		
		Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0723	EA	Top Bolt Only, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB51T)	173.77	14.39
08 71 11 00-0724	EA	Top And Bottom Bolt, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB51P)	323.88	23.01
08 71 11 00-0725	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB52)	318.12	20.14
08 71 11 00-0726	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB53)	330.20	21.58
08 71 11 00-0727		**Flush Bolts For Wood Doors** *(08 71 11 00-0699)*		
08 71 11 00-0728		**Brass Flush Bolts For Wood Doors** *(08 71 11 00-0727)*		
08 71 11 00-0729		**Manual, Brass Flush Bolts For Wood Doors** *(08 71 11 00-0728)*		
		Note: Includes brass construction with bright brass, satin brass, satin bronze, dark bronze, satin nickel, bright chrome or satin chrome finish.		
08 71 11 00-0730	EA	Top Or Bottom Bolt, Manual, Brass Flush Bolt For Wood Doors (Ives FB358)	82.96	14.39
08 71 11 00-0731		**Automatic, Brass Flush Bolts For Wood Doors** *(08 71 11 00-0728)*		
		Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0732	EA	Top Bolt Only, Automatic, Brass Flush Bolt For Wood Doors (Ives FB41T)	182.55	14.39
08 71 11 00-0733	EA	Bottom Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB41B)	182.55	14.39
08 71 11 00-0734	EA	Top And Bottom Bolt, Automatic, Brass Flush Bolt For Wood Doors (Ives FB41P)	339.32	23.01
08 71 11 00-0735	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Brass Flush Bolt For Wood Doors (Ives FB42)	333.56	20.14
08 71 11 00-0736		**Constant Latching, Brass Flush Bolts For Wood Doors** *(08 71 11 00-0728)*		
		Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0737	EA	Top Bolt Only, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB61T)	181.12	14.39
08 71 11 00-0738	EA	Top And Bottom Bolt, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB61P)	339.32	23.01
08 71 11 00-0739	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB62)	333.56	20.14
08 71 11 00-0740		**Stainless Steel Flush Bolts For Wood Doors** *(08 71 11 00-0727)*		
08 71 11 00-0741		**Automatic, Stainless Steel Flush Bolts For Wood Doors** *(08 71 11 00-0740)*		
		Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0742	EA	Top Bolt Only, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB41T)	182.55	14.39
08 71 11 00-0743	EA	Bottom Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB41B)	182.55	14.39
08 71 11 00-0744	EA	Top And Bottom Bolt, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB41P)	339.32	23.01
08 71 11 00-0745	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB42)	333.56	20.14
08 71 11 00-0746		**Constant Latching, Stainless Steel Flush Bolts For Wood Doors** *(08 71 11 00-0740)*		
		Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0747	EA	Top Bolt Only, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB61T)	181.12	14.39
08 71 11 00-0748	EA	Top And Bottom Bolt, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB61P)	339.32	23.01
08 71 11 00-0749	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB62)	333.56	20.14
08 71 11 00-0750		**Dust Proof Strikes** *(08 71 11 00-0699)*		
08 71 11 00-0751	EA	Satin Brass Finish, Brass Dust Proof Strike (Ives DP1)	62.34	11.51
08 71 11 00-0752	EA	Satin Chrome Finish, Brass Dust Proof Strike (Ives DP1)	62.34	11.51
08 71 11 00-0753	EA	Bright Brass Finish, Brass Dust Proof Strike (Ives DP1)	62.34	11.51
08 71 11 00-0754	EA	Satin Bronze Finish, Brass Dust Proof Strike (Ives DP1)	62.34	11.51
08 71 11 00-0755	EA	Dark Bronze Finish, Brass Dust Proof Strike (Ives DP1)	62.34	11.51
08 71 11 00-0756	EA	Satin Bronze Finish, Brass Dust Proof Strike With Plate (Ives DP2)	72.62	11.51
08 71 11 00-0757	EA	Satin Chrome Finish, Brass Dust Proof Strike With Plate (Ives DP2)	72.62	11.51
08 71 11 00-0758	EA	Satin Brass Finish, Brass Dust Proof Strike With Plate (Ives DP2)	72.62	11.51
08 71 11 00-0759	EA	Bright Brass Finish, Brass Dust Proof Strike With Plate (Ives DP2)	72.62	11.51
08 71 11 00-0760	EA	Dark Bronze Finish, Brass Dust Proof Strike With Plate (Ives DP2)	72.62	11.51
08 71 11 00-0761		**Roller Bumpers** *(08 71 11 00-0464)*		
08 71 11 00-0762		**Brass Roller Bumpers** *(08 71 11 00-0761)*		
08 71 11 00-0763	EA	5" Length, Bright Brass Finish, Brass Offset Arm Roller Bumper (Ives RB470)	66.59	8.63
08 71 11 00-0764	EA	5" Length, Satin Chrome Finish, Brass Offset Arm Roller Bumper (Ives RB470)	78.87	8.63
08 71 11 00-0765	EA	5" Length, Bright Chrome Finish, Brass Offset Arm Roller Bumper (Ives RB470)	78.87	8.63
08 71 11 00-0766	EA	4-1/2" Length, Bright Brass Finish, Brass Straight Arm Roller Bumper (Ives RB471)	63.82	8.63
08 71 11 00-0767	EA	4-1/2" Length, Satin Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB471)	73.18	8.63
08 71 11 00-0768	EA	4-1/2" Length, Bright Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB471)	73.18	8.63
08 71 11 00-0769	EA	4-1/2" Length, Satin Brass Finish, Brass Straight Arm Roller Bumper (Ives RB471)	73.18	8.63
08 71 11 00-0770	EA	6" Length, Bright Brass Finish, Brass Straight Arm Roller Bumper (Ives RB472)	66.78	8.63
08 71 11 00-0771	EA	6" Length, Satin Nickel Finish, Brass Straight Arm Roller Bumper (Ives RB472)	73.40	8.63
08 71 11 00-0772	EA	6" Length, Satin Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB472)	76.52	8.63
08 71 11 00-0773	EA	6" Length, Bright Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB472)	76.52	8.63
08 71 11 00-0774	EA	6" Length, Satin Brass Finish, Brass Straight Arm Roller Bumper (Ives RB472)	76.52	8.63
08 71 11 00-0775	EA	6" Length, Satin Bronze Finish, Brass Straight Arm Roller Bumper (Ives RB472)	76.52	8.63
08 71 11 00-0776	EA	6" Length, Dark Bronze Finish, Brass Straight Arm Roller Bumper (Ives RB472)	76.52	8.63
08 71 11 00-0777		**Other Door Trim** *(08 71 11 00-0464)*		
08 71 11 00-0778		**Coat And Hat Hooks** *(08 71 11 00-0777)*		
08 71 11 00-0779		**Aluminum Coat And Hat Hooks** *(08 71 11 00-0778)*		
08 71 11 00-0780	EA	1-1/4" Height, 1-1/4" Width, Bright Brass Finish, Aluminum Wardrobe Hook (Ives 581)	20.50	8.63
08 71 11 00-0781	EA	1-1/4" Height, 1-1/4" Width, Aluminum Finish, Aluminum Wardrobe Hook (Ives 581)	20.50	8.63
08 71 11 00-0782	EA	1-1/4" Height, 1-1/4" Width, Satin Nickel Finish, Aluminum Wardrobe Hook (Ives 581)	20.73	8.63
08 71 11 00-0783	EA	1-3/4" Height, 1-1/4" Width, Satin Bronze Finish, Aluminum Coat And Hat Hook (Ives 571)	20.34	8.63
08 71 11 00-0784	EA	1-3/4" Height, 1-1/4" Width, Bright Brass Finish, Aluminum Coat And Hat Hook (Ives 571)	20.34	8.63
08 71 11 00-0785	EA	1-3/4" Height, 1-1/4" Width, Aluminum Finish, Aluminum Coat And Hat Hook (Ives 571)	20.34	8.63
08 71 11 00-0786	EA	1-3/4" Height, 1-1/4" Width, Satin Nickel Finish, Aluminum Coat And Hat Hook (Ives 571)	20.73	8.63
08 71 11 00-0787	EA	1-1/2" Height, 2-1/2" Width, Satin Brass Finish, Aluminum Coat And Hat Hook (Ives 405)	21.87	8.63
08 71 11 00-0788	EA	1-1/2" Height, 2-1/2" Width, Bright Brass Finish, Aluminum Coat And Hat Hook (Ives 405)	21.87	8.63
08 71 11 00-0789	EA	1-1/2" Height, 2-1/2" Width, Satin Bronze Finish, Aluminum Coat And Hat Hook (Ives 405)	21.87	8.63
08 71 11 00-0790	EA	1-1/2" Height, 2-1/2" Width, Dark Bronze Finish, Aluminum Coat And Hat Hook (Ives 405)	21.87	8.63
08 71 11 00-0791	EA	1-1/2" Height, 2-1/2" Width, Aluminum Finish, Aluminum Coat And Hat Hook (Ives 405)	21.87	8.63
08 71 11 00-0792		**Brass Coat And Hat Hooks** *(08 71 11 00-0778)*		
08 71 11 00-0793	EA	1-1/4" Height, 1-1/4" Width, Bright Brass Finish, Brass Wardrobe Hook (Ives 581)	26.74	8.63
08 71 11 00-0794	EA	1-1/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Wardrobe Hook (Ives 581)	27.34	8.63
08 71 11 00-0795	EA	1-1/4" Height, 1-1/4" Width, Dark Bronze Finish, Brass Wardrobe Hook (Ives 581)	28.30	8.63
08 71 11 00-0796	EA	1-1/4" Height, 1-1/4" Width, Satin Chrome Finish, Brass Wardrobe Hook (Ives 581)	28.30	8.63
08 71 11 00-0797	EA	1-1/4" Height, 1-1/4" Width, Satin Nickel Finish, Brass Wardrobe Hook (Ives 581)	28.90	8.63
08 71 11 00-0798	EA	1-3/4" Height, 1-1/4" Width, Bright Brass Finish, Brass Coat And Hat Hook (Ives 571)	30.84	8.63
08 71 11 00-0799	EA	1-3/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Coat And Hat Hook (Ives 571)	33.58	8.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0800	EA	1-3/4" Height, 1-1/4" Width, Dark Bronze Finish, Brass Coat And Hat Hook (Ives 571)	33.58	8.63
08 71 11 00-0801	EA	1-3/4" Height, 1-1/4" Width, Satin Chrome Finish, Brass Coat And Hat Hook (Ives 571)	33.58	8.63
08 71 11 00-0802	EA	1-3/4" Height, 1-1/4" Width, Satin Nickel Finish, Brass Coat And Hat Hook (Ives 571)	34.19	8.63
08 71 11 00-0803		**Letter Box Hood** *(08 71 11 00-0464)*		
08 71 11 00-0804	EA	12-3/4" Wide x 3-3/16" High x 1-5/8" Deep, Letter Box Hood, Nickel Finish (Deltana MSH158) Note: Compatible with Deltana MS0030 and MS211 mail slot models.	93.57	14.39
08 71 11 00-0805		**Door Plates And Pulls** *(08 71 11)*		
08 71 11 00-0806		**Kick Plate** *(08 71 11 00-0805)* Note: Ives 8400.		
08 71 11 00-0807		**Aluminum Base Material Kick Plate** *(08 71 11 00-0806)*		
08 71 11 00-0808		**Satin Aluminum Finish, Aluminum Kick Plate** *(08 71 11 00-0807)* Note: US28		
08 71 11 00-0809	EA	8" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	64.93	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0810	EA	8" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	67.73	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0811	EA	8" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	70.46	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0812	EA	8" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	73.23	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0813	EA	8" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	78.33	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0814	EA	8" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	81.04	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0815	EA	8" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	83.83	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0816	EA	8" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	86.58	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0817	EA	8" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	91.65	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0818	EA	8" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	94.42	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0819	EA	8" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	97.15	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0820	EA	8" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	102.27	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0821	EA	8" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	105.03	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0822	EA	8" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	107.77	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0823	EA	10" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	72.57	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0824	EA	10" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	76.03	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0825	EA	10" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	79.44	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0826	EA	10" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	82.91	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0827	EA	10" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	88.68	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0828	EA	10" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	92.12	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0829	EA	10" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	95.59	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0830	EA	10" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	99.02	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0831	EA	10" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	104.79	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0832	EA	10" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	108.23	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0833	EA	10" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	111.70	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0834	EA	10" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	117.48	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0835	EA	10" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	120.89	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0836	EA	10" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	124.35	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0837	EA	12" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	80.17	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0838	EA	12" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	84.28	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0839	EA	12" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	88.48	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0840	EA	12" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	92.55	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0841	EA	12" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	99.02	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0842	EA	12" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	103.16	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0843	EA	12" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	107.30	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0844	EA	12" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	111.47	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0845	EA	12" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	117.91	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0846	EA	12" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	122.04	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0847	EA	12" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	126.21	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0848	EA	12" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	132.66	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0849	EA	12" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	136.80	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0850	EA	12" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	140.97	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0851	EA	14" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	90.02	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0852	EA	14" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	94.85	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0853	EA	14" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	99.76	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0854	EA	14" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	104.59	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0855	EA	14" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	111.70	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0856	EA	14" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	116.54	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0857	EA	14" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	121.38	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0858	EA	14" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	126.21	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0859	EA	14" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	133.36	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0860	EA	14" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	138.17	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0861	EA	14" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	143.01	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0862	EA	14" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	150.13	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0863	EA	14" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	155.00	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0864	EA	14" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	159.84	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0865	EA	16" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	97.66	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0866	EA	16" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	103.16	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0867	EA	16" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	108.73	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0868	EA	16" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	114.24	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0869	EA	16" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	116.54	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0870	EA	16" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	127.61	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0871	EA	16" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	133.15	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0872	EA	16" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	138.66	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0873	EA	16" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	146.48	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0874	EA	16" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	152.05	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0875	EA	16" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	157.55	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0876	EA	16" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	165.35	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0877	EA	16" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	170.89	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0878	EA	16" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	176.46	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0879	EA	18" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	109.62	9.21
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0880	EA	18" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	116.24	9.21
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0881	EA	18" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	122.86	9.21
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0882	EA	18" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	129.48	9.21
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0883	EA	18" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	138.37	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0884	EA	18" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	144.99	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0885	EA	18" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	151.61	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0886	EA	18" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	158.23	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0887	EA	18" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	167.16	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0888	EA	18" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	173.78	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0889	EA	18" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	180.41	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0890	EA	18" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	189.32	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0891	EA	18" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	195.94	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0892	EA	18" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	202.56	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0893	EA	20" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	120.01	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0894	EA	20" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	127.36	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0895	EA	20" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	134.71	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0896	EA	20" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	142.07	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0897	EA	20" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	151.73	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0898	EA	20" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	159.08	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0899	EA	20" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	166.43	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0900	EA	20" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	173.78	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0901	EA	20" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	183.43	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0902	EA	20" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	190.78	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0903	EA	20" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	198.13	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0904	EA	20" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	207.80	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0905	EA	20" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	215.15	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0906	EA	20" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	222.50	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0907	EA	22" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	128.09	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0908	EA	22" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	136.18	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0909	EA	22" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	144.26	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0910	EA	22" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	152.35	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0911	EA	22" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	162.77	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0912	EA	22" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	170.86	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0913	EA	22" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	178.94	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0914	EA	22" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	187.03	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0915	EA	22" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	197.40	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0916	EA	22" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	205.49	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0917	EA	22" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	213.57	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0918	EA	22" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	223.96	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0919	EA	22" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	232.05	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0920	EA	22" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	240.13	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0921	EA	24" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	136.18	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0922	EA	24" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	144.99	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0923	EA	24" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	153.84	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0924	EA	24" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	162.66	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0925	EA	24" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	173.78	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0926	EA	24" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	182.60	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0927	EA	24" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	191.42	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0928	EA	24" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	200.27	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0929	EA	24" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	211.37	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0930	EA	24" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	220.19	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0931	EA	24" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	229.01	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0932	EA	24" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	240.13	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0933	EA	24" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	248.98	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0934	EA	24" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	257.80	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-0935 Brass Base Material Kick Plate *(08 71 11 00-0806)*

08 71 11 00-0936 Bright/Satin Brass Finish, Brass Kick Plate *(08 71 11 00-0935)*

Note: US3/US4

08 71 11 00-0937	EA	8" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	135.51	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0938	EA	8" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	144.67	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0939	EA	8" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	153.87	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0940	EA	8" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	163.04	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0941	EA	8" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	174.51	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0942	EA	8" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	183.74	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0943	EA	8" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	192.91	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0944	EA	8" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	202.08	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0945	EA	8" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	213.54	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0946	EA	8" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	222.71	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0947	EA	8" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	231.88	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0948	EA	8" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	243.36	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0949	EA	8" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	252.59	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0950	EA	8" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	261.76	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0951	EA	10" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	160.77	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0952	EA	10" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	172.21	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0953	EA	10" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	183.71	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0954	EA	10" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	195.18	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0955	EA	10" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	208.91	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0956	EA	10" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	220.41	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0957	EA	10" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	231.91	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0958	EA	10" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	243.38	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0959	EA	10" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	257.12	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0960	EA	10" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	268.62	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0961	EA	10" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	280.12	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0962	EA	10" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	293.86	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0963	EA	10" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	305.36	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0964	EA	10" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	316.83	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0965	EA	12" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	185.94	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0966	EA	12" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	199.78	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0967	EA	12" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	213.51	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0968	EA	12" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	227.28	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0969	EA	12" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	243.38	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0970	EA	12" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	257.15	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0971	EA	12" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	270.92	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0972	EA	12" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	284.65	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0973	EA	12" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	300.78	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0974	EA	12" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	314.52	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0975	EA	12" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	328.29	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0976	EA	12" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	344.36	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0977	EA	12" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	358.10	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0978	EA	12" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	371.93	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0979	EA	14" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	213.54	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0980	EA	14" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	229.58	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0981	EA	14" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	245.65	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0982	EA	14" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	261.75	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0983	EA	14" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	280.12	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0984	EA	14" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	296.18	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0985	EA	14" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	312.22	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0986	EA	14" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	328.29	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0987	EA	14" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	346.66	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0988	EA	14" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	362.73	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0989	EA	14" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	378.77	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0990	EA	14" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	397.13	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0991	EA	14" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	413.23	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0992	EA	14" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	429.29	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0993	EA	16" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	302.89	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0994	EA	16" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	327.14	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0995	EA	16" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	351.32	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0996	EA	16" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	375.47	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0997	EA	16" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	401.95	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0998	EA	16" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	426.16	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0999	EA	16" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	450.38	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1000	EA	16" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	474.49	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1001	EA	16" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	501.05	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1002	EA	16" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	525.26	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1003	EA	16" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	549.45	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1004	EA	16" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	575.89	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1005	EA	16" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	600.07	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1006	EA	16" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	624.28	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1007	EA	18" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	335.63	9.21
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1008	EA	18" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	362.79	9.21
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1009	EA	18" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	389.91	9.21
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1010	EA	18" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	417.12	9.21
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1011	EA	18" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	446.58	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1012	EA	18" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	473.70	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1013	EA	18" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	500.91	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1014	EA	18" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	528.03	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1015	EA	18" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	557.56	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1016	EA	18" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	584.71	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1017	EA	18" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	611.83	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1018	EA	18" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	641.34	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1019	EA	18" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	668.46	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1020	EA	18" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	695.61	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1021	EA	20" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	371.12	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1022	EA	20" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	401.28	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1023	EA	20" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	431.50	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1024	EA	20" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	461.62	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1025	EA	20" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	494.15	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1026	EA	20" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	524.34	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1027	EA	20" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	554.49	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1028	EA	20" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	584.71	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1029	EA	20" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	617.12	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1030	EA	20" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	647.34	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1031	EA	20" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	677.53	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1032	EA	20" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	710.00	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1033	EA	20" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	740.22	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1034	EA	20" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	770.34	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1035	EA	22" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	404.35	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1036	EA	22" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	437.50	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1037	EA	22" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	470.69	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1038	EA	22" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	503.92	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1039	EA	22" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	539.42	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1040	EA	22" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	572.64	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1041	EA	22" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	605.83	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1042	EA	22" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	639.05	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1043	EA	22" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	674.50	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1044	EA	22" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	707.69	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1045	EA	22" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	740.91	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1046	EA	22" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	776.41	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1047	EA	22" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	809.63	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1048	EA	22" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	842.76	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1049	EA	24" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	437.50	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1050	EA	24" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	473.70	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1051	EA	24" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	509.95	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1052	EA	24" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	546.18	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1053	EA	24" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	584.71	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1054	EA	24" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	620.90	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1055	EA	24" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	657.13	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1056	EA	24" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	695.33	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1057	EA	24" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	731.84	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1058	EA	24" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	768.03	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1059	EA	24" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	804.25	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1060	EA	24" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	842.76	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1061	EA	24" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	879.04	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1062	EA	24" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	915.24	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1063 Satin/Dark Bronze Finish, Brass Kick Plate *(08 71 11 00-0935)*

Note: US10/US10B

08 71 11 00-1064	EA	8" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	147.85	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1065	EA	8" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	158.11	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1066	EA	8" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	168.45	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1067	EA	8" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	178.71	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1068	EA	8" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	191.36	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1069	EA	8" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	201.64	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1070	EA	8" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	211.96	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1071	EA	8" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	222.24	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1072	EA	8" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	234.79	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1073	EA	8" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	245.14	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1074	EA	8" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	255.43	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1075	EA	8" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	268.05	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1076	EA	8" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	278.34	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1077	EA	8" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	288.66	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1078	EA	10" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	176.15	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1079	EA	10" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	189.06	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1080	EA	10" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	201.90	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1081	EA	10" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	214.77	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1082	EA	10" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	229.94	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1083	EA	10" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	242.84	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1084	EA	10" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	255.68	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1085	EA	10" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	268.55	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1086	EA	10" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	283.76	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1087	EA	10" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	296.63	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1088	EA	10" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	309.47	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1089	EA	10" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	324.72	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1090	EA	10" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	337.56	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1091	EA	10" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	350.43	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1092	EA	12" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	204.48	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1093	EA	12" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	219.94	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1094	EA	12" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	235.37	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1095	EA	12" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	250.83	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1096	EA	12" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	268.55	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1097	EA	12" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	284.05	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1098	EA	12" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	299.50	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1099	EA	12" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	314.93	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1100	EA	12" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	332.69	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1101	EA	12" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	348.12	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1102	EA	12" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	363.54	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1103	EA	12" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	381.31	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1104	EA	12" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	396.80	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1105	EA	12" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	412.23	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1106	EA	14" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	235.08	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1107	EA	14" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	253.13	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1108	EA	14" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	271.14	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1109	EA	14" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	289.16	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1110	EA	14" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	309.47	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1111	EA	14" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	327.52	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1112	EA	14" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	345.53	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1113	EA	14" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	363.54	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1114	EA	14" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	383.90	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1115	EA	14" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	401.91	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1116	EA	14" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	419.93	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1117	EA	14" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	440.27	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1118	EA	14" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	458.34	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1119	EA	14" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	476.36	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1120	EA	16" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	333.74	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1121	EA	16" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	360.77	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1122	EA	16" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	387.75	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1123	EA	16" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	414.74	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1124	EA	16" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	444.03	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1125	EA	16" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	471.02	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1126	EA	16" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	498.04	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1127	EA	16" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	525.03	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1128	EA	16" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	554.33	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1129	EA	16" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	581.32	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1130	EA	16" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	608.31	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1131	EA	16" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	637.59	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1132	EA	16" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	664.58	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1133	EA	16" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	691.57	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1134	EA	18" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	369.90	9.21
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1135	EA	18" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	400.21	9.21
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1136	EA	18" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	430.46	9.21
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1137	EA	18" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	460.77	9.21
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1138	EA	18" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	493.32	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1139	EA	18" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	523.60	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1140	EA	18" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	553.87	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1141	EA	18" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	584.15	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1142	EA	18" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	616.71	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1143	EA	18" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	647.02	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1144	EA	18" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	677.33	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1145	EA	18" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	709.87	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1146	EA	18" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	740.18	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1147	EA	18" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	770.43	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1148	EA	20" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	409.19	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1149	EA	20" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	442.88	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1150	EA	20" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	476.48	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1151	EA	20" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	510.18	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1152	EA	20" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	546.09	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1153	EA	20" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	579.72	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1154	EA	20" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	613.39	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1155	EA	20" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	647.02	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1156	EA	20" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	683.01	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1157	EA	20" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	716.61	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1158	EA	20" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	750.24	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1159	EA	20" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	786.22	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1160	EA	20" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	819.85	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1161	EA	20" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	853.52	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1162	EA	22" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	446.21	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1163	EA	22" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	483.26	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1164	EA	22" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	520.24	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1165	EA	22" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	557.23	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1166	EA	22" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	596.59	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1167	EA	22" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	633.58	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1168	EA	22" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	670.59	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1169	EA	22" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	707.58	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1170	EA	22" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	746.92	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1171	EA	22" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	783.91	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1172	EA	22" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	820.93	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1173	EA	22" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	860.22	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1174	EA	22" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	897.21	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1175	EA	22" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	934.26	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1176	EA	24" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	483.26	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1177	EA	24" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	523.60	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1178	EA	24" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	563.97	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1179	EA	24" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	604.34	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1180	EA	24" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	647.02	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1181	EA	24" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	687.39	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1182	EA	24" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	727.83	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1183	EA	24" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	768.14	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1184	EA	24" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	810.80	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1185	EA	24" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	851.21	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1186	EA	24" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	891.58	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1187	EA	24" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	934.26	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1188	EA	24" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	974.63	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1189	EA	24" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	1,015.00	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1190 Stainless Base Material Kick Plate *(08 71 11 00-0806)*

08 71 11 00-1191 Bright/Satin Chrome Finish, Stainless Kick Plate *(08 71 11 00-1190)*
Note: US26/US26D

08 71 11 00-1192	EA	8" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	146.13	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1193	EA	8" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	156.28	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1194	EA	8" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	166.43	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1195	EA	8" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	176.58	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1196	EA	8" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	189.02	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1197	EA	8" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	199.14	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1198	EA	8" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	209.29	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1199	EA	8" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	219.44	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1200	EA	8" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	231.89	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1201	EA	8" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	242.07	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1202	EA	8" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	252.22	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1203	EA	8" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	264.67	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1204	EA	8" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	274.82	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1205	EA	8" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	284.97	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1206	EA	10" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	174.05	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1207	EA	10" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	186.72	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1208	EA	10" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	199.40	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1209	EA	10" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	212.08	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1210	EA	10" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	227.09	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1211	EA	10" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	239.77	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1212	EA	10" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	252.44	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1213	EA	10" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	265.12	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1214	EA	10" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	280.10	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1215	EA	10" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	292.78	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1216	EA	10" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	305.45	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1217	EA	10" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	320.44	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1218	EA	10" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	333.12	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1219	EA	10" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	345.80	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1220	EA	12" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	201.93	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1221	EA	12" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	217.14	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1222	EA	12" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	232.41	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1223	EA	12" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	247.62	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1224	EA	12" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	265.12	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1225	EA	12" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	280.36	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1226	EA	12" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	295.57	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1227	EA	12" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	310.77	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1228	EA	12" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	328.28	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1229	EA	12" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	343.49	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1230	EA	12" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	358.73	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1231	EA	12" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	376.24	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1232	EA	12" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	391.51	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1233	EA	12" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	406.72	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1234	EA	14" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	232.12	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1235	EA	14" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	249.92	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1236	EA	14" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	267.68	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1237	EA	14" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	285.42	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1238	EA	14" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	305.45	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1239	EA	14" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	323.22	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1240	EA	14" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	340.96	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1241	EA	14" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	358.73	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1242	EA	14" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	378.84	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1243	EA	14" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	396.57	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1244	EA	14" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	414.31	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1245	EA	14" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	402.35	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1246	EA	14" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	452.10	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1247	EA	14" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	469.87	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1248	EA	16" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	334.43	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1249	EA	16" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	361.52	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1250	EA	16" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	388.57	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1251	EA	16" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	415.62	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1252	EA	16" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	444.97	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1253	EA	16" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	472.02	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1254	EA	16" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	499.11	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1255	EA	16" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	526.16	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1256	EA	16" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	555.52	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1257	EA	16" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	582.57	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1258	EA	16" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	609.62	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1259	EA	16" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	638.97	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1260	EA	16" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	666.02	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1261	EA	16" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	693.07	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1262	EA	18" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	370.67	9.21
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1263	EA	18" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	401.05	9.21
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1264	EA	18" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	431.37	9.21
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1265	EA	18" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	461.75	9.21
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1266	EA	18" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	494.37	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1267	EA	18" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	524.72	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1268	EA	18" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	555.07	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1269	EA	18" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	585.42	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1270	EA	18" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	618.04	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1271	EA	18" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	648.43	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1272	EA	18" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	678.81	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1273	EA	18" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	711.41	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1274	EA	18" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	741.80	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1275	EA	18" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	772.11	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1276	EA	20" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	410.04	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1277	EA	20" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	443.82	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1278	EA	20" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	477.50	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1279	EA	20" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	511.27	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1280	EA	20" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	547.26	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1281	EA	20" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	580.97	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1282	EA	20" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	614.71	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1283	EA	20" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	648.43	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1284	EA	20" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	684.49	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1285	EA	20" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	718.17	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1286	EA	20" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	751.88	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1287	EA	20" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	787.93	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1288	EA	20" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	821.64	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1289	EA	20" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	855.39	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1290	EA	22" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	447.15	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1291	EA	22" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	484.28	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1292	EA	22" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	521.36	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1293	EA	22" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	558.43	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1294	EA	22" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	597.88	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1295	EA	22" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	634.95	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1296	EA	22" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	672.05	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1297	EA	22" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	709.12	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1298	EA	22" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	748.55	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1299	EA	22" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	785.62	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1300	EA	22" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	822.73	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1301	EA	22" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	862.11	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1302	EA	22" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	899.18	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1303	EA	22" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	936.32	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1304	EA	24" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	484.28	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1305	EA	24" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	524.72	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1306	EA	24" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	565.18	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1307	EA	24" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	605.65	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1308	EA	24" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	648.43	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1309	EA	24" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	688.89	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1310	EA	24" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	729.42	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1311	EA	24" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	769.82	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1312	EA	24" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	812.58	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1313	EA	24" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	853.08	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1314	EA	24" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	893.54	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1315	EA	24" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	936.32	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1316	EA	24" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	976.78	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1317	EA	24" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	1,017.25	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1318 Satin Stainless Finish, Stainless Kick Plate *(08 71 11 00-1190)*

Note: US32D

08 71 11 00-1319	EA	8" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	69.26	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1320	EA	8" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	72.46	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1321	EA	8" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	75.57	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1322	EA	8" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	78.80	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1323	EA	8" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	84.24	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1324	EA	8" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	87.35	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1325	EA	8" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	90.58	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1326	EA	8" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	93.72	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1327	EA	8" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	99.19	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1328	EA	8" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	102.35	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1329	EA	8" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	105.49	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1330	EA	8" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	110.97	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1331	EA	8" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	114.14	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1332	EA	8" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	117.28	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1333	EA	10" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	77.96	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1334	EA	10" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	81.94	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1335	EA	10" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	85.89	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1336	EA	10" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	89.82	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1337	EA	10" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	96.10	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1338	EA	10" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	100.05	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1339	EA	10" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	103.98	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1340	EA	10" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	107.90	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1341	EA	10" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	114.22	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1342	EA	10" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	118.14	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1343	EA	10" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	122.06	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1344	EA	10" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	128.35	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1345	EA	10" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	132.31	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1346	EA	10" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	136.23	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1347	EA	12" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	86.68	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1348	EA	12" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	91.42	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1349	EA	12" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	96.15	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1350	EA	12" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	100.89	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1351	EA	12" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	107.90	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1352	EA	12" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	112.67	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1353	EA	12" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	117.37	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1354	EA	12" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	122.14	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1355	EA	12" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	129.15	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1356	EA	12" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	133.92	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1357	EA	12" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	138.69	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1358	EA	12" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	145.71	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1359	EA	12" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	150.48	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1360	EA	12" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	155.18	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1361	EA	14" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	97.67	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1362	EA	14" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	103.19	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1363	EA	14" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	108.75	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1364	EA	14" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	114.27	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1365	EA	14" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	122.06	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1366	EA	14" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	127.61	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1367	EA	14" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	133.14	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1368	EA	14" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	138.69	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1369	EA	14" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	146.55	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1370	EA	14" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	152.01	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1371	EA	14" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	157.57	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1372	EA	14" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	165.41	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1373	EA	14" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	170.93	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1374	EA	14" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	176.49	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1375	EA	16" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	110.91	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1376	EA	16" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	117.97	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1377	EA	16" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	124.75	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1378	EA	16" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	131.49	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1379	EA	16" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	140.54	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1380	EA	16" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	147.32	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1381	EA	16" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	154.10	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1382	EA	16" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	160.84	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1383	EA	16" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	169.90	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1384	EA	16" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	176.71	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1385	EA	16" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	183.48	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1386	EA	16" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	193.08	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1387	EA	16" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	199.27	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1388	EA	16" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	206.04	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1389	EA	18" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	118.63	9.21
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1390	EA	18" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	126.10	9.21
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1391	EA	18" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	133.50	9.21
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1392	EA	18" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	140.94	9.21
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1393	EA	18" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	150.71	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1394	EA	18" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	158.11	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1395	EA	18" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	165.55	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1396	EA	18" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	172.95	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1397	EA	18" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	182.73	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1398	EA	18" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	190.17	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1399	EA	18" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	197.57	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1400	EA	18" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	207.33	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1401	EA	18" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	214.80	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1402	EA	18" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	222.20	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1403	EA	20" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	130.03	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1404	EA	20" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	138.28	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1405	EA	20" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	146.56	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1406	EA	20" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	154.79	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1407	EA	20" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	165.38	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1408	EA	20" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	173.66	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1409	EA	20" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	181.88	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1410	EA	20" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	190.17	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1411	EA	20" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	200.71	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1412	EA	20" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	208.99	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1413	EA	20" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	217.28	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1414	EA	20" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	227.81	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1415	EA	20" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	236.09	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1416	EA	20" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	244.34	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1417	EA	22" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	139.10	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1418	EA	22" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	148.23	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1419	EA	22" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	157.26	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1420	EA	22" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	166.40	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1421	EA	22" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	177.74	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1422	EA	22" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	186.87	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1423	EA	22" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	195.94	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1424	EA	22" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	205.04	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1425	EA	22" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	216.40	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1426	EA	22" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	225.50	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1427	EA	22" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	234.63	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1428	EA	22" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	245.97	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1429	EA	22" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	255.10	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1430	EA	22" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	264.14	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1431	EA	24" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	148.23	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1432	EA	24" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	158.11	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1433	EA	24" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	168.06	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1434	EA	24" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	177.94	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1435	EA	24" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	190.17	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1436	EA	24" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	200.08	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1437	EA	24" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	210.00	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1438	EA	24" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	219.91	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1439	EA	24" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	232.12	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1440	EA	24" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	242.03	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1441	EA	24" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	251.95	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1442	EA	24" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	264.14	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1443	EA	24" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	274.09	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1444	EA	24" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	284.03	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1445		Bright Stainless Finish, Stainless Kick Plate *(08 71 11 00-1190)*		
		Note: US32		
08 71 11 00-1446	EA	8" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	116.30	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1447	EA	8" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	123.77	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1448	EA	8" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	131.17	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1449	EA	8" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	138.61	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1450	EA	8" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	148.31	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1451	EA	8" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	155.78	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1452	EA	8" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	163.19	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1453	EA	8" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	170.66	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1454	EA	8" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	180.33	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1455	EA	8" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	187.80	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1456	EA	8" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	195.27	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1457	EA	8" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	204.98	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1458	EA	8" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	212.42	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1459	EA	8" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	219.82	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1460	EA	10" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	136.75	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1461	EA	10" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	146.01	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1462	EA	10" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	155.34	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1463	EA	10" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	164.64	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1464	EA	10" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	176.20	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1465	EA	10" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	185.50	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1466	EA	10" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	194.82	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1467	EA	10" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	204.12	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1468	EA	10" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	215.68	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1469	EA	10" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	224.98	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1470	EA	10" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	234.31	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1471	EA	10" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	245.85	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1472	EA	10" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	255.18	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1473	EA	10" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	264.47	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1474	EA	12" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	157.17	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1475	EA	12" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	168.36	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1476	EA	12" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	179.51	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1477	EA	12" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	190.67	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1478	EA	12" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	204.12	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1479	EA	12" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	215.21	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1480	EA	12" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	226.40	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1481	EA	12" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	237.55	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1482	EA	12" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	251.01	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1483	EA	12" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	262.16	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1484	EA	12" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	273.28	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1485	EA	12" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	286.78	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1486	EA	12" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	297.90	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1487	EA	12" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	309.06	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1488	EA	14" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	179.95	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1489	EA	14" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	192.97	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1490	EA	14" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	205.98	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1491	EA	14" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	218.99	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1492	EA	14" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	234.31	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1493	EA	14" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	247.29	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1494	EA	14" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	260.30	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1495	EA	14" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	273.28	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1496	EA	14" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	288.64	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1497	EA	14" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	301.65	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1498	EA	14" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	314.67	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1499	EA	14" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	329.97	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1500	EA	14" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	342.92	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1501	EA	14" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	355.94	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1502	EA	16" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	200.37	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1503	EA	16" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	215.21	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1504	EA	16" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	230.15	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1505	EA	16" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	244.99	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1506	EA	16" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	262.16	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1507	EA	16" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	277.03	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1508	EA	16" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	291.88	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1509	EA	16" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	306.75	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1510	EA	16" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	323.93	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1511	EA	16" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	338.77	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1512	EA	16" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	353.65	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1513	EA	16" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	370.81	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1514	EA	16" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	385.71	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1515	EA	16" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	400.59	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1516	EA	18" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	223.00	9.21
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1517	EA	18" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	239.99	9.21
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1518	EA	18" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	256.85	9.21
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1519	EA	18" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	273.84	9.21
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1520	EA	18" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	293.06	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1521	EA	18" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	309.92	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1522	EA	18" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	326.91	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1523	EA	18" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	353.45	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1524	EA	18" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	363.07	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1525	EA	18" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	379.99	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1526	EA	18" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	396.92	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1527	EA	18" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	416.13	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1528	EA	18" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	433.06	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1529	EA	18" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	449.98	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1530	EA	20" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	246.04	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1531	EA	20" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	264.82	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1532	EA	20" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	283.64	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1533	EA	20" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	302.42	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1534	EA	20" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	323.55	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1535	EA	20" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	342.40	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1536	EA	20" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	361.15	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1537	EA	20" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	379.99	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1538	EA	20" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	401.04	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1539	EA	20" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	419.88	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1540	EA	20" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	438.70	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1541	EA	20" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	459.79	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1542	EA	20" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	478.61	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1543	EA	20" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	497.39	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1544	EA	22" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	266.71	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1545	EA	22" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	287.39	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1546	EA	22" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	308.06	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1547	EA	22" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	328.74	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1548	EA	22" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	351.75	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1549	EA	22" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	372.46	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1550	EA	22" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	393.17	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1551	EA	22" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	413.84	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1552	EA	22" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	436.81	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1553	EA	22" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	457.48	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1554	EA	22" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	478.16	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1555	EA	22" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	501.14	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1556	EA	22" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	521.88	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1557	EA	22" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	542.56	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1558	EA	24" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	287.39	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1559	EA	24" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	309.92	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1560	EA	24" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	332.52	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1561	EA	24" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	355.09	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1562	EA	24" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	379.99	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1563	EA	24" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	402.53	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1564	EA	24" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	425.09	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1565	EA	24" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	447.69	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1566	EA	24" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	472.55	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1567	EA	24" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	495.08	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1568	EA	24" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	517.68	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1569	EA	24" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	542.56	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1570	EA	24" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	565.15	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1571	EA	24" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	587.69	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1572 Satin Nickel Finish, Stainless Kick Plate *(08 71 11 00-1190)*

Note: US15

08 71 11 00-1573	EA	8" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	150.27	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1574	EA	8" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	160.74	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1575	EA	8" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	171.31	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1576	EA	8" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	181.79	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1577	EA	8" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	194.66	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1578	EA	8" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	205.16	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1579	EA	8" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	215.70	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1580	EA	8" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	226.20	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1581	EA	8" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	238.97	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1582	EA	8" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	249.54	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1583	EA	8" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	260.05	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1584	EA	8" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	272.89	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1585	EA	8" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	283.40	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1586	EA	8" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	293.93	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1587	EA	10" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	179.18	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1588	EA	10" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	192.36	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1589	EA	10" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	205.47	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1590	EA	10" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	218.62	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1591	EA	10" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	234.06	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1592	EA	10" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	247.24	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1593	EA	10" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	260.36	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1594	EA	10" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	273.50	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1595	EA	10" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	288.98	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1596	EA	10" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	302.13	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1597	EA	10" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	315.24	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1598	EA	10" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	330.76	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1599	EA	10" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	343.88	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1600	EA	10" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	357.03	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1601	EA	12" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	208.11	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1602	EA	12" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	223.90	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1603	EA	12" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	239.66	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1604	EA	12" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	255.45	8.63
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1605	EA	12" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	273.50	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1606	EA	12" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	289.32	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1607	EA	12" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	305.11	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1608	EA	12" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	320.87	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1609	EA	12" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	338.96	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1610	EA	12" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	354.72	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1611	EA	12" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	370.47	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1612	EA	12" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	388.57	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1613	EA	12" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	404.39	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1614	EA	12" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	420.15	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1615	EA	14" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	239.31	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1616	EA	14" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	257.75	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1617	EA	14" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	276.15	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1618	EA	14" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	294.54	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1619	EA	14" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	315.24	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1620	EA	14" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	333.67	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1621	EA	14" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	352.07	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1622	EA	14" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	370.47	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1623	EA	14" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	391.21	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1624	EA	14" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	409.61	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1625	EA	14" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	428.01	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1626	EA	14" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	448.73	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1627	EA	14" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	467.20	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1628	EA	14" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	485.59	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1629	EA	16" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	340.08	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1630	EA	16" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	367.68	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1631	EA	16" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	395.25	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1632	EA	16" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	422.81	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1633	EA	16" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	452.68	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1634	EA	16" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	480.24	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1635	EA	16" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	507.84	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1636	EA	16" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	535.41	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1637	EA	16" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	565.28	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1638	EA	16" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	592.85	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1639	EA	16" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	620.42	10.36
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1640	EA	16" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	650.27	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1641	EA	16" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	677.84	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1642	EA	16" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	705.40	10.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1643	EA	18" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	377.01	9.21
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1644	EA	18" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	407.97	9.21
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1645	EA	18" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	438.86	9.21
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1646	EA	18" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	469.82	9.21
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1647	EA	18" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	503.01	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1648	EA	18" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	533.94	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1649	EA	18" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	564.87	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1650	EA	18" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	595.79	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1651	EA	18" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	628.99	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1652	EA	18" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	659.95	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1653	EA	18" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	690.91	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1654	EA	18" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	724.09	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1655	EA	18" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	755.05	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1656	EA	18" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	785.95	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1657	EA	20" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	417.09	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1658	EA	20" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	451.50	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1659	EA	20" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	485.82	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1660	EA	20" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	520.24	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1661	EA	20" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	556.87	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1662	EA	20" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	591.22	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1663	EA	20" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	625.60	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1664	EA	20" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	659.95	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1665	EA	20" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	696.66	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1666	EA	20" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	730.98	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1667	EA	20" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	765.33	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1668	EA	20" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	802.02	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1669	EA	20" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	836.37	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1670	EA	20" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	870.76	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1671	EA	22" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	454.90	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1672	EA	22" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	492.74	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1673	EA	22" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	530.52	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1674	EA	22" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	568.29	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1675	EA	22" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	608.44	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1676	EA	22" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	646.22	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1677	EA	22" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	684.03	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1678	EA	22" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	721.80	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1679	EA	22" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	761.94	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1680	EA	22" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	799.71	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1681	EA	22" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	837.52	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1682	EA	22" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	877.61	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1683	EA	22" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	915.38	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1684	EA	22" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	953.23	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1685	EA	24" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	492.74	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1686	EA	24" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	533.94	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1687	EA	24" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	575.17	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1688	EA	24" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	616.41	9.79
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1689	EA	24" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	659.95	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1690	EA	24" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	701.19	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1691	EA	24" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	742.49	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1692	EA	24" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	783.66	10.36
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1693	EA	24" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	827.18	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1694	EA	24" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	868.45	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1695	EA	24" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	909.68	10.93
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1696	EA	24" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	953.23	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1697	EA	24" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	994.46	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1698	EA	24" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	1,035.69	11.51
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1699		Plastic Kick Plate *(08 71 11 00-0806)*		
08 71 11 00-1700		Clear Or Black Finish, Plastic Kick Plate *(08 71 11 00-1699)*		
		Note: With four beveled edges.		
08 71 11 00-1701	EA	8" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	60.31	8.63
08 71 11 00-1702	EA	8" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	62.62	8.63
08 71 11 00-1703	EA	8" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	65.01	8.63
08 71 11 00-1704	EA	8" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	67.34	8.63
08 71 11 00-1705	EA	8" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	72.00	9.21
08 71 11 00-1706	EA	8" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	74.33	9.21
08 71 11 00-1707	EA	8" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	76.64	9.21
08 71 11 00-1708	EA	8" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	79.03	9.21
08 71 11 00-1709	EA	8" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	86.51	9.79
08 71 11 00-1710	EA	8" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	85.97	9.79
08 71 11 00-1711	EA	8" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	88.36	9.79
08 71 11 00-1712	EA	8" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	93.00	10.36
08 71 11 00-1713	EA	8" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	95.36	10.36
08 71 11 00-1714	EA	8" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	97.70	10.36
08 71 11 00-1715	EA	10" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	66.74	8.63
08 71 11 00-1716	EA	10" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	69.70	8.63
08 71 11 00-1717	EA	10" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	72.60	8.63
08 71 11 00-1718	EA	10" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	75.51	8.63
08 71 11 00-1719	EA	10" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	80.76	9.21
08 71 11 00-1720	EA	10" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	83.67	9.21
08 71 11 00-1721	EA	10" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	86.63	9.21
08 71 11 00-1722	EA	10" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	89.53	9.21
08 71 11 00-1723	EA	10" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	94.79	9.79
08 71 11 00-1724	EA	10" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	97.69	9.79
08 71 11 00-1725	EA	10" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	100.65	9.79
08 71 11 00-1726	EA	10" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	105.86	10.36
08 71 11 00-1727	EA	10" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	108.82	10.36
08 71 11 00-1728	EA	10" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	111.72	10.36
08 71 11 00-1729	EA	12" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	73.20	8.63
08 71 11 00-1730	EA	12" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	76.73	8.63
08 71 11 00-1731	EA	12" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	80.20	8.63
08 71 11 00-1732	EA	12" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	83.76	8.63
08 71 11 00-1733	EA	12" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	89.53	9.21
08 71 11 00-1734	EA	12" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	93.09	9.21
08 71 11 00-1735	EA	12" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	96.61	9.21
08 71 11 00-1736	EA	12" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	100.11	9.21
08 71 11 00-1737	EA	12" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	105.89	9.79
08 71 11 00-1738	EA	12" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	109.41	9.79
08 71 11 00-1739	EA	12" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	112.97	9.79
08 71 11 00-1740	EA	12" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	118.75	10.36
08 71 11 00-1741	EA	12" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	122.31	10.36
08 71 11 00-1742	EA	12" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	125.78	10.36
08 71 11 00-1743	EA	14" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	81.93	9.21
08 71 11 00-1744	EA	14" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	86.06	9.21
08 71 11 00-1745	EA	14" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	90.13	9.21
08 71 11 00-1746	EA	14" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	94.25	9.21
08 71 11 00-1747	EA	14" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	100.65	9.79
08 71 11 00-1748	EA	14" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	104.72	9.79
08 71 11 00-1749	EA	14" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	108.84	9.79
08 71 11 00-1750	EA	14" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	112.97	9.79
08 71 11 00-1751	EA	14" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	119.35	10.36
08 71 11 00-1752	EA	14" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	123.48	10.36
08 71 11 00-1753	EA	14" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	127.57	10.36
08 71 11 00-1754	EA	14" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	133.93	10.93
08 71 11 00-1755	EA	14" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	138.06	10.93
08 71 11 00-1756	EA	14" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	142.13	10.93
08 71 11 00-1757	EA	16" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	96.10	9.21
08 71 11 00-1758	EA	16" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	101.51	9.21
08 71 11 00-1759	EA	16" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	106.83	9.21
08 71 11 00-1760	EA	16" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	112.24	9.21
08 71 11 00-1761	EA	16" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	119.94	9.79
08 71 11 00-1762	EA	16" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	125.32	9.79
08 71 11 00-1763	EA	16" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	130.73	9.79
08 71 11 00-1764	EA	16" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	136.08	9.79
08 71 11 00-1765	EA	16" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	143.79	10.36
08 71 11 00-1766	EA	16" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	149.17	10.36
08 71 11 00-1767	EA	16" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	154.58	10.36
08 71 11 00-1768	EA	16" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	162.27	10.93
08 71 11 00-1769	EA	16" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	167.59	10.93
08 71 11 00-1770	EA	16" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	173.00	10.93
08 71 11 00-1771	EA	18" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	103.47	9.21
08 71 11 00-1772	EA	18" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	109.56	9.21
08 71 11 00-1773	EA	18" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	115.59	9.21
08 71 11 00-1774	EA	18" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	121.68	9.21
08 71 11 00-1775	EA	18" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	264.55	9.79
08 71 11 00-1776	EA	18" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	136.08	9.79
08 71 11 00-1777	EA	18" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	142.17	9.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1778	EA	18" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	148.20	9.79
08 71 11 00-1779	EA	18" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	156.60	10.36
08 71 11 00-1780	EA	18" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	162.66	10.36
08 71 11 00-1781	EA	18" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	168.69	10.36
08 71 11 00-1782	EA	18" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	177.07	10.93
08 71 11 00-1783	EA	18" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	183.10	10.93
08 71 11 00-1784	EA	18" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	189.19	10.93
08 71 11 00-1785	EA	20" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	113.20	9.79
08 71 11 00-1786	EA	20" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	119.94	9.79
08 71 11 00-1787	EA	20" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	126.66	9.79
08 71 11 00-1788	EA	20" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	133.40	9.79
08 71 11 00-1789	EA	20" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	142.46	10.36
08 71 11 00-1790	EA	20" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	149.17	10.36
08 71 11 00-1791	EA	20" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	155.91	10.36
08 71 11 00-1792	EA	20" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	162.66	10.36
08 71 11 00-1793	EA	20" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	171.66	10.93
08 71 11 00-1794	EA	20" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	178.41	10.93
08 71 11 00-1795	EA	20" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	185.12	10.93
08 71 11 00-1796	EA	20" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	194.18	11.51
08 71 11 00-1797	EA	20" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	200.92	11.51
08 71 11 00-1798	EA	20" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	207.64	11.51
08 71 11 00-1799	EA	22" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	120.63	9.79
08 71 11 00-1800	EA	22" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	127.99	9.79
08 71 11 00-1801	EA	22" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	135.42	9.79
08 71 11 00-1802	EA	22" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	142.79	9.79
08 71 11 00-1803	EA	22" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	152.56	10.36
08 71 11 00-1804	EA	22" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	159.98	10.36
08 71 11 00-1805	EA	22" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	167.35	10.36
08 71 11 00-1806	EA	22" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	174.78	10.36
08 71 11 00-1807	EA	22" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	184.44	10.93
08 71 11 00-1808	EA	22" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	191.87	10.93
08 71 11 00-1809	EA	22" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	199.29	10.93
08 71 11 00-1810	EA	22" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	208.97	11.51
08 71 11 00-1811	EA	22" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	216.40	11.51
08 71 11 00-1812	EA	22" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	223.77	11.51
08 71 11 00-1813	EA	24" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	127.99	9.79
08 71 11 00-1814	EA	24" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	136.08	9.79
08 71 11 00-1815	EA	24" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	144.19	9.79
08 71 11 00-1816	EA	24" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	152.27	9.79
08 71 11 00-1817	EA	24" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	162.66	10.36
08 71 11 00-1818	EA	24" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	170.71	10.36
08 71 11 00-1819	EA	24" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	178.79	10.36
08 71 11 00-1820	EA	24" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	186.90	10.36
08 71 11 00-1821	EA	24" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	197.27	10.93
08 71 11 00-1822	EA	24" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	205.33	10.93
08 71 11 00-1823	EA	24" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	213.41	10.93
08 71 11 00-1824	EA	24" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	223.77	11.51
08 71 11 00-1825	EA	24" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	231.91	11.51
08 71 11 00-1826	EA	24" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	239.99	11.51

08 71 11 00-1827 Mop Plate *(08 71 11 00-0805)*

Note: Ives 8400. See CSI section 08 71 11 00-0805 for 8" High Plates.

08 71 11 00-1828 Aluminum Base Material Mop Plate *(08 71 11 00-1827)*

08 71 11 00-1829 Satin Aluminum Finish, Aluminum Mop Plate *(08 71 11 00-1828)*

Note: US28

08 71 11 00-1830	EA	4" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	51.63	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1831	EA	4" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	53.31	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1832	EA	4" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	54.92	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1833	EA	4" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	56.60	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1834	EA	4" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	59.65	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1835	EA	4" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	61.27	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1836	EA	4" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	62.94	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1837	EA	4" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	64.55	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1838	EA	4" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	68.19	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1839	EA	4" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	69.83	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1840	EA	4" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	71.48	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1841	EA	4" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	75.42	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1842	EA	4" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	77.09	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1843	EA	4" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	78.71	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1844	EA	6" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	60.71	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1845	EA	6" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	63.17	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1846	EA	6" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	65.67	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1847	EA	6" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	68.14	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1848	EA	6" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	72.01	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1849	EA	6" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	74.45	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1850	EA	6" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	76.98	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1851	EA	6" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	79.41	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1852	EA	6" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	83.87	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1853	EA	6" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	86.33	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1854	EA	6" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	88.83	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1855	EA	6" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	93.60	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1856	EA	6" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	96.09	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1857	EA	6" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	98.53	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1858 Brass Base Material Mop Plate *(08 71 11 00-1827)*

08 71 11 00-1859 Bright/Satin Brass Finish, Brass Mop Plate *(08 71 11 00-1858)*

Note: US3/US4

08 71 11 00-1860	EA	4" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	86.83	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1861	EA	4" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	91.73	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1862	EA	4" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	96.57	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1863	EA	4" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	101.43	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1864	EA	4" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	107.65	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1865	EA	4" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	112.49	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1866	EA	4" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	117.36	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1867	EA	4" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	122.20	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1868	EA	4" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	129.02	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1869	EA	4" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	133.86	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1870	EA	4" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	138.70	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1871	EA	4" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	145.87	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1872	EA	4" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	150.70	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1873	EA	4" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	155.61	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1874	EA	6" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	113.56	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1875	EA	6" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	120.82	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1876	EA	6" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	128.10	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1877	EA	6" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	135.36	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1878	EA	6" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	144.03	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1879	EA	6" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	151.35	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1880	EA	6" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	158.57	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1881	EA	6" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	165.89	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1882	EA	6" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	175.07	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1883	EA	6" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	182.39	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1884	EA	6" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	189.68	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1885	EA	6" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	199.24	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1886	EA	6" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	206.52	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1887	EA	6" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	213.78	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1888 Satin/Dark Bronze Finish, Brass Mop Plate *(08 71 11 00-1858)*

Note: US10/US10B

08 71 11 00-1889	EA	4" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	93.13	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1890	EA	4" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	98.53	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1891	EA	4" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	103.97	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1892	EA	4" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	109.37	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1893	EA	4" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	116.19	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1894	EA	4" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	121.62	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1895	EA	4" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	127.06	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1896	EA	4" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	132.50	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1897	EA	4" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	139.83	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1898	EA	4" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	145.26	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1899	EA	4" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	150.70	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1900	EA	4" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	158.44	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1901	EA	4" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	163.87	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1902	EA	4" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	169.24	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1903	EA	6" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	122.93	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1904	EA	6" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	131.12	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1905	EA	6" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	139.24	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1906	EA	6" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	163.19	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1907	EA	6" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	156.86	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1908	EA	6" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	164.98	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1909	EA	6" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	173.11	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1910	EA	6" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	181.23	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1911	EA	6" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	191.37	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1912	EA	6" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	199.50	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1913	EA	6" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	207.62	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1914	EA	6" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	218.04	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1915	EA	6" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	226.16	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1916	EA	6" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	234.29	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1917 Stainless Base Material Mop Plate *(08 71 11 00-1827)*

08 71 11 00-1918 Bright/Satin Chrome Finish, Stainless Mop Plate *(08 71 11 00-1917)*
Note: US26/US26D

08 71 11 00-1919	EA	4" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	92.18	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1920	EA	4" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	97.48	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1921	EA	4" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	102.82	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1922	EA	4" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	108.17	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1923	EA	4" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	114.85	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1924	EA	4" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	120.20	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1925	EA	4" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	125.54	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1926	EA	4" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	130.85	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1927	EA	4" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	138.15	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1928	EA	4" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	143.52	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1929	EA	4" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	148.86	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1930	EA	4" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	156.50	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1931	EA	4" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	161.81	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1932	EA	4" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	167.15	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1933	EA	6" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	121.50	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1934	EA	6" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	129.47	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1935	EA	6" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	137.49	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1936	EA	6" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	145.52	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1937	EA	6" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	154.86	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1938	EA	6" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	162.89	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1939	EA	6" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	170.85	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1940	EA	6" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	178.88	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1941	EA	6" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	188.87	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1942	EA	6" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	196.83	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1943	EA	6" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	204.86	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1944	EA	6" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	215.12	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1945	EA	6" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	223.15	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1946	EA	6" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	231.14	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1947		Satin Stainless Finish, Stainless Mop Plate *(08 71 11 00-1917)*		
		Note: US32D		
08 71 11 00-1948	EA	4" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	53.23	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1949	EA	4" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	54.97	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1950	EA	4" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	56.78	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1951	EA	4" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	58.56	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1952	EA	4" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	61.75	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1953	EA	4" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	63.55	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1954	EA	4" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	65.30	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1955	EA	4" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	67.11	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1956	EA	4" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	70.84	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1957	EA	4" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	72.65	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1958	EA	4" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	74.46	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1959	EA	4" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	78.51	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1960	EA	4" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	80.31	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1961	EA	4" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	82.09	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1962	EA	6" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	63.01	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1963	EA	6" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	65.73	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1964	EA	6" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	68.41	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1965	EA	6" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	71.12	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1966	EA	6" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	75.15	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1967	EA	6" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	77.83	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1968	EA	6" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	80.55	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1969	EA	6" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	83.23	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1970	EA	6" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	87.90	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1971	EA	6" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	90.55	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1972	EA	6" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	93.23	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1973	EA	6" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	98.24	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1974	EA	6" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	100.89	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1975	EA	6" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	103.60	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1976 Bright Stainless Finish, Stainless Mop Plate *(08 71 11 00-1917)*
Note: US32

08 71 11 00-1977	EA	4" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	76.77	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1978	EA	4" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	80.72	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1979	EA	4" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	84.68	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1980	EA	4" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	88.58	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1981	EA	4" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	93.91	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1982	EA	4" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	97.84	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1983	EA	4" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	101.80	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1984	EA	4" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	105.75	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1985	EA	4" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	111.61	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1986	EA	4" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	115.56	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1987	EA	4" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	119.52	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1988	EA	4" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	125.75	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1989	EA	4" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	129.70	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1990	EA	4" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	133.60	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1991	EA	6" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	98.41	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1992	EA	6" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	104.37	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1993	EA	6" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	110.28	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1994	EA	6" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	116.18	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1995	EA	6" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	123.43	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1996	EA	6" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	129.34	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1997	EA	6" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	135.24	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1998	EA	6" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	141.15	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1999	EA	6" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	149.04	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2000	EA	6" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	154.95	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2001	EA	6" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	160.85	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2002	EA	6" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	169.06	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2003	EA	6" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	174.93	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2004	EA	6" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	180.83	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-2005 Satin Nickel Finish, Stainless Mop Plate *(08 71 11 00-1917)*
Note: US15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2006	EA	4" x 22", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	94.21	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2007	EA	4" x 24", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	99.67	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2008	EA	4" x 26", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	105.23	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2009	EA	4" x 28", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	110.75	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2010	EA	4" x 30", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	117.66	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2011	EA	4" x 32", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	123.15	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2012	EA	4" x 34", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	128.67	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2013	EA	4" x 36", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	134.20	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2014	EA	4" x 38", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	141.72	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2015	EA	4" x 40", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	147.21	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2016	EA	4" x 42", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	152.70	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2017	EA	4" x 44", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	160.56	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2018	EA	4" x 46", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	166.09	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2019	EA	4" x 48", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	171.55	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2020	EA	6" x 22", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	124.55	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2021	EA	6" x 24", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	132.82	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2022	EA	6" x 26", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	141.09	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2023	EA	6" x 28", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	149.36	8.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2024	EA	6" x 30", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	159.02	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2025	EA	6" x 32", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	167.29	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2026	EA	6" x 34", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	175.56	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2027	EA	6" x 36", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	183.87	8.75
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2028	EA	6" x 38", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	194.10	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2029	EA	6" x 40", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	202.40	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2030	EA	6" x 42", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	210.67	9.21
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2031	EA	6" x 44", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	221.25	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2032	EA	6" x 46", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	229.52	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2033	EA	6" x 48", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	237.82	9.79
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2034		Plastic Mop Plate *(08 71 11 00-1827)*		
08 71 11 00-2035		Clear Or Black Finish, Plastic Mop Plate *(08 71 11 00-2034)*		
		Note: With four beveled edges.		
08 71 11 00-2036	EA	4" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	49.88	8.41
		Note: 4 sides beveled.		
08 71 11 00-2037	EA	4" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	51.37	8.41
		Note: 4 sides beveled.		
08 71 11 00-2038	EA	4" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	52.88	8.41
		Note: 4 sides beveled.		
08 71 11 00-2039	EA	4" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	54.37	8.41
		Note: 4 sides beveled.		
08 71 11 00-2040	EA	4" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	57.23	8.75
		Note: 4 sides beveled.		
08 71 11 00-2041	EA	4" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	58.72	8.75
		Note: 4 sides beveled.		
08 71 11 00-2042	EA	4" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	60.20	8.75
		Note: 4 sides beveled.		
08 71 11 00-2043	EA	4" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	61.72	8.75
		Note: 4 sides beveled.		
08 71 11 00-2044	EA	4" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	65.16	9.21
		Note: 4 sides beveled.		
08 71 11 00-2045	EA	4" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	66.65	9.21
		Note: 4 sides beveled.		
08 71 11 00-2046	EA	4" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	68.13	9.21
		Note: 4 sides beveled.		
08 71 11 00-2047	EA	4" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	71.92	9.79
		Note: 4 sides beveled.		
08 71 11 00-2048	EA	4" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	73.43	9.79
		Note: 4 sides beveled.		
08 71 11 00-2049	EA	4" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	74.92	9.79
		Note: 4 sides beveled.		
08 71 11 00-2050	EA	6" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	58.08	8.41
		Note: 4 sides beveled.		
08 71 11 00-2051	EA	6" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	60.34	8.41
		Note: 4 sides beveled.		
08 71 11 00-2052	EA	6" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	62.56	8.41
		Note: 4 sides beveled.		
08 71 11 00-2053	EA	6" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	64.79	8.41
		Note: 4 sides beveled.		
08 71 11 00-2054	EA	6" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	68.43	8.75
		Note: 4 sides beveled.		
08 71 11 00-2055	EA	6" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	70.66	8.75
		Note: 4 sides beveled.		
08 71 11 00-2056	EA	6" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	72.88	8.75
		Note: 4 sides beveled.		
08 71 11 00-2057	EA	6" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	75.11	8.75
		Note: 4 sides beveled.		
08 71 11 00-2058	EA	6" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	79.33	9.21
		Note: 4 sides beveled.		
08 71 11 00-2059	EA	6" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	81.55	9.21
		Note: 4 sides beveled.		
08 71 11 00-2060	EA	6" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	83.78	9.21
		Note: 4 sides beveled.		
08 71 11 00-2061	EA	6" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	88.34	9.79
		Note: 4 sides beveled.		
08 71 11 00-2062	EA	6" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	90.57	9.79
		Note: 4 sides beveled.		
08 71 11 00-2063	EA	6" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	92.79	9.79
		Note: 4 sides beveled.		
08 71 11 00-2064		Armor Door Plate *(08 71 11 00-0805)*		
		Note: Size ranges of 26" to 48" high, 22" to 48" wide. Ives 8400.		
08 71 11 00-2065	SF	4 to 8 SF, 0.050" Thick, Satin Aluminum Finish, Aluminum Door Armor Plate	32.23	1.44
08 71 11 00-2066	SF	>8 to 16 SF, 0.050" Thick, Satin Aluminum Finish, Aluminum Door Armor Plate	30.96	1.12
08 71 11 00-2067	SF	4 to 8 SF, 0.050" Thick, Satin Stainless Finish, Stainless Door Armor Plate	35.51	1.44
08 71 11 00-2068	SF	>8 to 16 SF, 0.050" Thick, Satin Stainless Finish, Stainless Door Armor Plate	34.24	1.12
08 71 11 00-2069	SF	4 to 8 SF, 0.050" Thick, Bright Stainless Finish, Stainless Door Armor Plate	73.47	1.44
08 71 11 00-2070	SF	>8 to 16 SF, 0.050" Thick, Bright Stainless Finish, Stainless Door Armor Plate	72.20	1.12
08 71 11 00-2071		Pull Handle And Plates *(08 71 11 00-0805)*		
08 71 11 00-2072		Pull Handle *(08 71 11 00-2071)*		
08 71 11 00-2073	EA	3/4" Diameter, 6" Center to Center, Aluminum Door Pulls (Ives 8102HD-6)	64.68	9.49
		For Stainless Steel, Add	*11.21*	
		For Brass, Add	*15.22*	
08 71 11 00-2074	EA	3/4" Diameter, 8" Center to Center, Aluminum Door Pulls (Ives 8102HD-8)	68.14	9.49
		For Stainless Steel, Add	*12.67*	
		For Brass, Add	*17.19*	
08 71 11 00-2075	EA	3/4" Diameter, 10" Center to Center, Aluminum Door Pulls (Ives 8102HD-10)	73.61	9.49
		For Stainless Steel, Add	*14.96*	
		For Brass, Add	*20.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2076	EA	1" Diameter, 8" Center to Center, Aluminum Door Pulls (Ives 8103HD-8)	76.64	9.49
		For Stainless Steel, Add	*16.24*	
		For Brass, Add	*22.04*	
08 71 11 00-2077	EA	1" Diameter, 10" Center to Center, Aluminum Door Pulls (Ives 8103HD-10)	82.13	9.49
		For Stainless Steel, Add	*18.54*	
		For Brass, Add	*25.17*	
08 71 11 00-2078	EA	1" Diameter, 12" Center to Center, Aluminum Door Pulls (Ives 8103HD-12)	89.22	9.49
		For Stainless Steel, Add	*21.52*	
		For Brass, Add	*29.21*	
08 71 11 00-2079	EA	1" Flattened x 1/2" Round, 6" Center To Center, Aluminum Door Pulls (Ives 8105-6)	68.41	9.49
		For Stainless Steel, Add	*12.78*	
		For Brass, Add	*17.35*	
08 71 11 00-2080	EA	1" Flattened x 1/2" Round, 8" Center To Center, Aluminum Door Pulls (Ives 8105-8)	75.97	9.49
		For Stainless Steel, Add	*15.96*	
		For Brass, Add	*21.65*	
08 71 11 00-2081	EA	1" Flattened x 1/2" Round, 10" Center To Center, Aluminum Door Pulls (Ives 8105-10)	77.21	9.49
		For Stainless Steel, Add	*16.48*	
		For Brass, Add	*22.36*	
08 71 11 00-2082	EA	1" Diameter, 8" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-8)	153.58	9.49
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*21.85*	
		For Brass, Add	*20.11*	
08 71 11 00-2083	EA	1" Diameter, 10" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-0)	158.26	9.49
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*22.73*	
		For Brass, Add	*20.93*	
08 71 11 00-2084	EA	1" Diameter, 12" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-2)	167.66	9.49
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*24.51*	
		For Brass, Add	*22.56*	
08 71 11 00-2085	EA	1" Diameter, 18" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-18)	222.12	9.49
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*34.80*	
		For Brass, Add	*32.04*	

08 71 11 00-2086 Pull Plate *(08 71 11 00-2071)*

08 71 11 00-2087	EA	3-1/2" x 15" Aluminum Pull Plate Door Hardware (Ives 8302)	104.88	7.20
		For Stainless Steel, Add	*44.90*	
		For Brass, Add	*57.08*	
08 71 11 00-2088	EA	4" x 16" Aluminum Pull Plate Door Hardware (Ives 8302)	107.53	7.20
		For Stainless Steel, Add	*46.47*	
		For Brass, Add	*59.07*	
08 71 11 00-2089	EA	6" x 16" Aluminum Pull Plate Door Hardware (Ives 8302)	113.56	7.20
		For Stainless Steel, Add	*50.03*	
		For Brass, Add	*63.59*	

08 71 11 00-2090 Push Bars And Plates *(08 71 11 00-0805)*

08 71 11 00-2091 Push Bars *(08 71 11 00-2090)*

08 71 11 00-2092	EA	3/8" x 2-1/2" Bronze Push Bar, Rectangular, With Base Plate Note: Up to 34" wide. All finishes.	312.94	7.20
08 71 11 00-2093	EA	3/4" Diameter Stainless Steel Push Bar, Up To 34" Wide	286.50	7.20
		For Brass Push Bar, Add	*44.85*	
08 71 11 00-2094	EA	1" Diameter Stainless Steel Push Bar, Up To 34" Wide	297.32	7.20
		For Brass Push Bar, Add	*46.73*	
08 71 11 00-2095	EA	1-1/4" Diameter Stainless Steel Push Bar, Up To 34" Wide	565.87	7.20
		For Brass Push Bar, Add	*93.46*	

08 71 11 00-2096 Push Plates *(08 71 11 00-2090)*

08 71 11 00-2097 Aluminum Push Plates *(08 71 11 00-2096)*

08 71 11 00-2098 Clear Anodized Finish, Aluminum Push Plates *(08 71 11 00-2097)*

Note: Ives 8200 Series.

08 71 11 00-2099	EA	3" x 12", Clear Anodized Finish, Aluminum Push Plate Door Hardware	47.89	7.20
08 71 11 00-2100	EA	4" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware	47.89	7.20
08 71 11 00-2101	EA	6" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware	47.89	7.20
08 71 11 00-2102	EA	8" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware	52.73	7.20

08 71 11 00-2103 Stainless Steel Push Plates *(08 71 11 00-2096)*

08 71 11 00-2104 Satin Finish, Stainless Steel Push Plates *(08 71 11 00-2103)*

Note: Ives 8200 Series.

08 71 11 00-2105	EA	3" x 12", Satin Finish, Stainless Steel Push Plate Door Hardware	47.89	7.20
08 71 11 00-2106	EA	4" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware	51.62	7.20
08 71 11 00-2107	EA	6" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware	60.11	7.20
08 71 11 00-2108	EA	8" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware	72.68	7.20

08 71 11 00-2109 Brass Push Plates *(08 71 11 00-2096)*

08 71 11 00-2110 Bright/Satin Brass Finish, Brass Push Plates *(08 71 11 00-2109)*

Note: Ives 8200 Series.

08 71 11 00-2111	EA	3" x 12", Bright/Satin Brass Finish, Brass Push Plate Door Hardware	59.25	7.20
08 71 11 00-2112	EA	4" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware	68.80	7.20

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2113	EA	6" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware	91.80	7.20
08 71 11 00-2114	EA	8" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware	106.92	7.20
08 71 11 00-2115		**Bright/Satin Chrome Finish, Brass Push Plates** *(08 71 11 00-2109)*		
		Note: Ives 8200 Series.		
08 71 11 00-2116	EA	3" x 12", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	66.89	7.20
08 71 11 00-2117	EA	4" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	74.65	7.20
08 71 11 00-2118	EA	6" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	95.72	7.20
08 71 11 00-2119	EA	8" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	116.49	7.20
08 71 11 00-2120		**Satin/Dark Bronze Finish, Brass Push Plates** *(08 71 11 00-2109)*		
		Note: Ives 8200 Series.		
08 71 11 00-2121	EA	3" x 12", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	66.89	7.20
08 71 11 00-2122	EA	4" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	74.65	7.20
08 71 11 00-2123	EA	6" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	99.44	7.20
08 71 11 00-2124	EA	8" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	118.56	7.20
08 71 11 00-2125		**Satin Nickel Finish, Brass Push Plates** *(08 71 11 00-2109)*		
		Note: Ives 8200 Series.		
08 71 11 00-2126	EA	3" x 12", Satin Nickel Finish, Brass Push Plate Door Hardware	66.89	7.20
08 71 11 00-2127	EA	4" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware	76.59	7.20
08 71 11 00-2128	EA	6" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware	105.33	7.20
08 71 11 00-2129	EA	8" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware	124.45	7.20
08 71 11 00-2130		**Push Pull Passage Latch Paddles** *(08 71 11 00-0805)*		
08 71 11 00-2131	EA	-7/8" x 1-1/4" x 1-1/4" Lip To Center, Stainless Steel, Push Pull Passage Latch Paddles (Corbin Russwin HP3010-HKPS-630)	408.15	7.20
		For Owner Furnished Material, Deduct	*-379.38*	
08 71 11 00-2132		**Exit Devices** *(08 71 11)*		
08 71 11 00-2133		**Push Bar Exit Device (Von Duprin Series 22)** *(08 71 11 00-2132)*		
		Note: Grade 1, BHMA 156.3.		
08 71 11 00-2134	EA	3' Push Bar, Rim Type, Exit Device (Von Duprin Series 22) Note: Anodized finish: aluminum or dark brown.	820.04	129.47
		For 4' Push Bar, Add	*13.87*	
08 71 11 00-2135	EA	3' Push Bar, Fire Rated, Rim Type, Exit Device (Von Duprin Series 22-F) Note: Anodized finish: aluminum or dark brown.	913.98	129.47
		For 4' Push Bar, Add	*13.87*	
08 71 11 00-2136	EA	3' Push Bar, Surface Vertical Rods, Exit Device (Von Duprin Series 2227) Note: Anodized finish: aluminum or dark brown.	1,193.18	155.38
		For 4' Push Bar, Add	*13.87*	
08 71 11 00-2137	EA	3' Push Bar, Fire Rated, Surface Vertical Rods, Exit Device (Von Duprin Series 2227-F) Note: Anodized finish: aluminum or dark brown.	1,427.16	143.86
		For 4' Push Bar, Add	*13.87*	
08 71 11 00-2138	EA	Dummy Trim (Von Duprin Series 22, 210DT) Note: Anodized finish: aluminum or dark brown.	110.63	21.58
08 71 11 00-2139	EA	Night Latch Trim With Cylinder (Von Duprin Series 22, 210NL) Note: Anodized finish: aluminum or dark brown.	240.31	28.77
08 71 11 00-2140	EA	Knob Trim With Cylinder (Von Duprin Series 22, 210K) Note: Anodized finish: aluminum or dark brown.	452.47	43.16
08 71 11 00-2141	EA	Lever Trim With Cylinder (Von Duprin Series 22, 230L) Note: Anodized finish: aluminum or dark brown.	448.14	43.16
08 71 11 00-2142	EA	Thumbpiece Trim With Cylinder (Von Duprin Series 22, 230TP) Note: Anodized finish: aluminum or dark brown.	447.06	43.16
08 71 11 00-2143	EA	Blank Escutcheon Knob (Von Duprin Series 22, 210K-BE) Note: Anodized finish: aluminum or dark brown.	354.48	43.16
08 71 11 00-2144	EA	Exit Only Trim Plate (Von Duprin Series 22, 230EO) Note: Anodized finish: aluminum or dark brown.	143.53	17.27
08 71 11 00-2145	EA	Dummy Trim (Von Duprin Series 22, 230DT) Note: Anodized finish: aluminum or dark brown.	165.86	21.58
08 71 11 00-2146	EA	Night Latch Trim With Cylinder (Von Duprin Series 22, 230NL) Note: Anodized finish: aluminum or dark brown.	297.72	28.77
08 71 11 00-2147	EA	Blank Escutcheon Lever (Von Duprin Series 22, 230L-BE) Note: Anodized finish: aluminum or dark brown.	350.16	43.16
08 71 11 00-2148	EA	Blank Escutcheon Thumbpiece (Von Duprin Series 22, 230TP-BE) Note: Anodized finish: aluminum or dark brown.	349.07	43.16
08 71 11 00-2149		**Push Bar Exit Device, Narrow Stile (Von Duprin Series 33/35)** *(08 71 11 00-2132)*		
		Note: Grade 1, BHMA 156.3. Series 33 has a ribbed case, Series 35 has a smooth case.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2150	EA	3' Push Bar, Rim Type, Narrow Stile Exit Device (Von Duprin Series 33/35)	1,776.15	129.47
		Note: Aluminum anodized finish.		
		For 4' Push Bar, Add	*13.87*	
		For Accessible Device (AX), Add	*143.09*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*146.52*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*138.08*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*54.37*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*417.81*	
08 71 11 00-2151	EA	3' Push Bar, Surface Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3327/3527)	2,426.53	155.38
		Note: Aluminum anodized finish.		
		For 4' Push Bar, Add	*13.87*	
		For Accessible Device (AX), Add	*201.22*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*206.05*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*194.18*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*76.46*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*587.56*	
08 71 11 00-2152	EA	3' Push Bar, Fire Rated, Surface Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3327-F/3527-F)	2,475.28	155.38
		Note: Aluminum anodized finish.		
		For 4' Push Bar, Add	*13.87*	
		For Accessible Device (AX), Add	*206.09*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*211.04*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*198.88*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*78.32*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*601.79*	
08 71 11 00-2153	EA	3' Push Bar, Concealed Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3347/3547)	2,507.78	178.39
		Note: Aluminum anodized finish.		
		For 4' Push Bar, Add	*13.87*	
		For Accessible Device (AX), Add	*203.02*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*207.89*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*195.91*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*77.15*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*592.80*	
08 71 11 00-2154	EA	3' Push Bar, Fire Rated, Concealed Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3347-F/3547-F)	2,633.54	178.39
		Note: Aluminum anodized finish.		
		For 4' Push Bar, Add	*13.87*	
		For Accessible Device (AX), Add	*215.59*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*220.77*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*208.05*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*81.92*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*629.53*	
08 71 11 00-2155	EA	3' Push Bar, Concealed Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3348/3548)	2,809.35	178.39
		Note: Aluminum anodized finish.		
		For 4' Push Bar, Add	*13.87*	
		For Accessible Device (AX), Add	*233.17*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*238.77*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*225.01*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*88.61*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*680.86*	
08 71 11 00-2156	EA	3' Push Bar, Fire Rated, Concealed Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3348-F/3548-F)	2,935.11	178.39
		Note: Aluminum anodized finish.		
		For 4' Push Bar, Add	*13.87*	
		For Accessible Device (AX), Add	*245.75*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*251.65*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*237.15*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*93.38*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*717.58*	
08 71 11 00-2157	EA	Dummy Trim (Von Duprin Series 33/35, DT)	401.45	21.58
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*33.19*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*13.07*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*100.42*	
08 71 11 00-2158	EA	Night Latch With Cylinder, Less Pull (Von Duprin Series 33/35, NL-OP)	453.37	28.77
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*35.98*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*14.17*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*108.86*	
08 71 11 00-2159	EA	Night Latch With Cylinder (Von Duprin Series 33/35, NL)	738.85	28.77
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*63.52*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*25.01*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*192.22*	
08 71 11 00-2160	EA	Lever Trim With Cylinder (Von Duprin Series 33/35, 360L)	749.69	43.16
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*61.24*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*24.11*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*185.30*	
08 71 11 00-2161	EA	Blank Escutcheon Lever With Cylinder (Von Duprin Series 33/35, 360L-BE)	890.65	43.16
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*74.84*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*29.47*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*226.46*	
08 71 11 00-2162	EA	Lever Dummy Trim With Cylinder (Von Duprin Series 33/35, 360L-DT)	872.88	43.16
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*73.13*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*28.80*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*221.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2163	EA	Thumbturn Trim With Cylinder (Von Duprin Series 33/35, 360T)	881.18	43.16
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*73.93*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*29.11*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*223.70*	
08 71 11 00-2164		**Recessed Push Bar Exit Device (Von Duprin Series 94/95)** *(08 71 11 00-2132)*		
		Note: Grade 1, BHMA 156.3. Series 9447 has a smooth case, Series 9547 has a grooved case.		
08 71 11 00-2165	EA	3' Push Bar, Concealed Vertical Rods, Exit Device (Von Duprin Series 9447/9547)	2,319.17	178.39
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*171.26*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*178.63*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*285.44*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*583.77*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*184.15*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*270.71*	
		For Quiet Electric Latch Retraction (QEL), Add	*911.60*	
		For Owner Furnished Material, Deduct	*-1,841.54*	
		For Less Bottom Rod (LBR), Deduct	*-181.23*	
		For Latch Bolt Monitoring Switch (LX), Deduct	*-158.94*	
08 71 11 00-2166		**Push Bar Exit Device (Von Duprin Series 98/99)** *(08 71 11 00-2132)*		
		Note: Grade 1, BHMA 156.3. Series 98 has a smooth case, Series 99 has a grooved case.		
08 71 11 00-2167	EA	3' Push Bar, Rim Type, Exit Device (Von Duprin Series 98/99)	1,523.30	129.47
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*71.86*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*114.27*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*182.59*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*373.43*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*117.80*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*173.17*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*68.51*	
		For Special Center Case Dogging (SD), Add	*286.85*	
		For Cylinder Dogging Indicator (CI), Add	*190.93*	
		For Dogging Indicator (DI), Add	*175.40*	
		For Quiet Electric Latch Retraction (QEL), Add	*911.60*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*88.62*	
		For Safety Glow Touchpad, Add	*319.74*	
		For Accessible Device (AX), Add	*117.80*	
08 71 11 00-2168	EA	3' Push Bar, Fire Rated, Rim Type, Exit Device (Von Duprin Series 98-F/99-F)	1,729.36	129.47
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*84.43*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*134.26*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*214.53*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*438.75*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*138.41*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*203.46*	
		For Quiet Electric Latch Retraction (QEL), Add	*911.60*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*88.62*	
		For Safety Glow Touchpad, Add	*319.74*	
		For Accessible Device (AX), Add	*138.41*	
08 71 11 00-2169	EA	3' Push Bar, Rim Type, Exit Device (Von Duprin Series XP98/XP99)	1,493.50	129.47
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*70.04*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*111.38*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*177.97*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*363.99*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*114.82*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*168.79*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*68.51*	
		For Special Center Case Dogging (SD), Add	*286.85*	
		For Cylinder Dogging Indicator (CI), Add	*190.93*	
		For Dogging Indicator (DI), Add	*175.40*	
		For Quiet Electric Latch Retraction (QEL), Add	*911.60*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*88.62*	
		For Safety Glow Touchpad, Add	*319.74*	
		For Accessible Device (AX), Add	*114.82*	
08 71 11 00-2170	EA	3' Push Bar, Fire Rated, Rim Type, Exit Device (Von Duprin Series XP98-F/XP99-F)	1,668.98	129.47
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*80.75*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*128.40*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*205.17*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*419.61*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*132.37*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*194.58*	
		For Quiet Electric Latch Retraction (QEL), Add	*911.60*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*88.62*	
		For Safety Glow Touchpad, Add	*319.74*	
		For Accessible Device (AX), Add	*132.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2171	EA	3' Push Bar, Surface Vertical Rods, Exit Device (Von Duprin Series 9827/9927) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	2,173.30	155.38
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*107.30*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*170.62*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*272.64*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*557.59*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*175.90*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*258.57*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*68.51*	
		For Special Center Case Dogging (SD), Add	*286.85*	
		For Cylinder Dogging Indicator (CI), Add	*190.93*	
		For Dogging Indicator (DI), Add	*175.40*	
		For Quiet Electric Latch Retraction (QEL), Add	*911.60*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*88.62*	
		For Safety Glow Touchpad, Add	*319.74*	
		For Accessible Device (AX), Add	*175.90*	
08 71 11 00-2172	EA	3' Push Bar, Fire Rated, Surface Vertical Rods, Exit Device (Von Duprin Series 9827-F/9927-F) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	2,452.60	155.38
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*124.33*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*197.71*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*315.93*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*646.13*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*203.83*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*299.62*	
		For Quiet Electric Latch Retraction (QEL), Add	*911.60*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*88.62*	
		For Safety Glow Touchpad, Add	*319.74*	
		For Accessible Device (AX), Add	*203.83*	
08 71 11 00-2173	EA	3' Push Bar, Concealed Vertical Rods, Exit Device (Von Duprin Series 9847/9947) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	2,282.52	178.39
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*167.85*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*175.07*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*279.76*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*572.15*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*180.49*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*265.32*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*68.51*	
		For Special Center Case Dogging (SD), Add	*286.85*	
		For Cylinder Dogging Indicator (CI), Add	*190.93*	
		For Dogging Indicator (DI), Add	*175.40*	
		For Quiet Electric Latch Retraction (QEL), Add	*911.60*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*88.62*	
		For Safety Glow Touchpad, Add	*319.74*	
		For Accessible Device (AX), Add	*180.49*	
08 71 11 00-2174	EA	3' Push Bar, Fire Rated, Concealed Vertical Rods, Exit Device (Von Duprin Series 9847-F/9947-F) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	2,568.03	178.39
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*194.41*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*202.77*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*324.01*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*662.66*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*209.04*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*307.29*	
		For Quiet Electric Latch Retraction (QEL), Add	*911.60*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*88.62*	
		For Safety Glow Touchpad, Add	*319.74*	
		For Accessible Device (AX), Add	*209.04*	
08 71 11 00-2175	EA	3' Push Bar, Concealed Vertical Rods, Exit Device (Von Duprin Series 9848/9948) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	2,574.23	178.39
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*194.98*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*203.37*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*324.97*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*664.62*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*209.66*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*308.20*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*68.51*	
		For Special Center Case Dogging (SD), Add	*286.85*	
		For Cylinder Dogging Indicator (CI), Add	*190.93*	
		For Dogging Indicator (DI), Add	*175.40*	
		For Quiet Electric Latch Retraction (QEL), Add	*911.60*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*88.62*	
		For Safety Glow Touchpad, Add	*319.74*	
		For Accessible Device (AX), Add	*209.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2176	EA	3' Push Bar, Fire Rated, Concealed Vertical Rods, Exit Device (Von Duprin Series 9848-F/9948-F)	2,556.34	178.39
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*193.32*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*201.63*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*322.20*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*658.95*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*207.87*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*305.57*	
		For Quiet Electric Latch Retraction (QEL), Add	*911.60*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*88.62*	
		For Safety Glow Touchpad, Add	*319.74*	
		For Accessible Device (AX), Add	*207.87*	
08 71 11 00-2177	EA	3' Push Bar, Concealed Vertical Rods, Exit Device For Wood Door (Von Duprin Series 9847WDC/9947WDC)	2,233.54	178.39
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*163.30*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*170.32*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*272.17*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*556.62*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*175.59*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*258.12*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*68.51*	
		For Special Center Case Dogging (SD), Add	*286.85*	
		For Cylinder Dogging Indicator (CI), Add	*190.93*	
		For Dogging Indicator (DI), Add	*175.40*	
		For Quiet Electric Latch Retraction (QEL), Add	*911.60*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*88.62*	
		For Safety Glow Touchpad, Add	*319.74*	
		For Accessible Device (AX), Add	*175.59*	
08 71 11 00-2178	EA	3' Push Bar, Fire Rated, Concealed Vertical Rods, Exit Device For Wood Door (Von Duprin Series 9847WDC-F/9947WDC-F)	2,514.10	178.39
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*189.39*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*197.54*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*315.65*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*645.56*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*203.65*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*299.36*	
		For Quiet Electric Latch Retraction (QEL), Add	*911.60*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*88.62*	
		For Safety Glow Touchpad, Add	*319.74*	
		For Accessible Device (AX), Add	*203.65*	
08 71 11 00-2179	EA	3' Push Bar, Surface Mount, Three Point Latch, Exit Device (Von Duprin Series 9857/9957)	2,423.73	155.38
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*122.57*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*194.91*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*311.46*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*636.98*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*200.94*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*295.38*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*68.51*	
		For Special Center Case Dogging (SD), Add	*286.85*	
		For Cylinder Dogging Indicator (CI), Add	*190.93*	
		For Dogging Indicator (DI), Add	*175.40*	
		For Quiet Electric Latch Retraction (QEL), Add	*911.60*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*88.62*	
		For Safety Glow Touchpad, Add	*319.74*	
		For Accessible Device (AX), Add	*200.94*	
08 71 11 00-2180	EA	3' Push Bar, Fire Rated, Surface Mount, Three Point Latch, Exit Device (Von Duprin Series 9857-F/9957-F)	2,585.13	155.38
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*132.42*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*210.57*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*336.47*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*688.14*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*217.08*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*319.11*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*68.51*	
		For Special Center Case Dogging (SD), Add	*286.85*	
		For Cylinder Dogging Indicator (CI), Add	*190.93*	
		For Dogging Indicator (DI), Add	*175.40*	
		For Quiet Electric Latch Retraction (QEL), Add	*911.60*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*88.62*	
		For Safety Glow Touchpad, Add	*319.74*	
		For Accessible Device (AX), Add	*217.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2181	EA	3' Push Bar, Mortise Lock, Exit Device (Von Duprin Series 9875/9975)	2,153.31	161.13
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*63.70*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*167.01*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*266.87*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*545.79*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*172.17*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*253.09*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*68.51*	
		For Special Center Case Dogging (SD), Add	*286.85*	
		For Cylinder Dogging Indicator (CI), Add	*190.93*	
		For Dogging Indicator (DI), Add	*175.40*	
		For Quiet Electric Latch Retraction (QEL), Add	*911.60*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*88.62*	
		For Safety Glow Touchpad, Add	*319.74*	
		For Accessible Device (AX), Add	*172.17*	
08 71 11 00-2182	EA	3' Push Bar, Fire Rated, Mortise Lock, Exit Device (Von Duprin Series 9875-F/9975-F)	2,363.09	161.13
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*71.47*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*187.36*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*299.38*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*612.29*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*193.15*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*283.93*	
		For Quiet Electric Latch Retraction (QEL), Add	*911.60*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*88.62*	
		For Safety Glow Touchpad, Add	*319.74*	
		For Accessible Device (AX), Add	*193.15*	
08 71 11 00-2183	EA	3' Push Bar, Concealed Vertical Cable, Exit Device (Von Duprin Series 9849/9949)	2,129.54	178.39
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*153.63*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*160.24*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*256.05*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*523.66*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*165.19*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*242.83*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*68.51*	
		For Special Center Case Dogging (SD), Add	*286.85*	
		For Cylinder Dogging Indicator (CI), Add	*190.93*	
		For Dogging Indicator (DI), Add	*175.40*	
		For Quiet Electric Latch Retraction (QEL), Add	*911.60*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*88.62*	
		For Safety Glow Touchpad, Add	*319.74*	
		For Accessible Device (AX), Add	*165.19*	
08 71 11 00-2184	EA	3' Push Bar, Fire Rated, Concealed Vertical Cable, Exit Device(Von Duprin Series 9849-F/9949-F)	2,311.52	178.39
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*170.55*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*177.89*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*284.25*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*581.34*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*183.39*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*269.58*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*68.51*	
		For Special Center Case Dogging (SD), Add	*286.85*	
		For Cylinder Dogging Indicator (CI), Add	*190.93*	
		For Dogging Indicator (DI), Add	*175.40*	
		For Quiet Electric Latch Retraction (QEL), Add	*911.60*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*88.62*	
		For Safety Glow Touchpad, Add	*319.74*	
		For Accessible Device (AX), Add	*183.39*	
08 71 11 00-2185	EA	3' Push Bar, Concealed Vertical Cable, Exit Device For Wood Door (Von Duprin Series 9849WDC/9949WDC)	2,318.02	178.39
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*171.16*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*178.52*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*285.26*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*583.40*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*184.04*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*270.54*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*68.51*	
		For Special Center Case Dogging (SD), Add	*286.85*	
		For Cylinder Dogging Indicator (CI), Add	*190.93*	
		For Dogging Indicator (DI), Add	*175.40*	
		For Quiet Electric Latch Retraction (QEL), Add	*911.60*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*88.62*	
		For Safety Glow Touchpad, Add	*319.74*	
		For Accessible Device (AX), Add	*184.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2186	EA	3' Push Bar, Fire Rated, Concealed Vertical Cable, Exit Device For Wood Door (Von Duprin Series 9849WDC-F/9949WDC-F)	2,642.99	178.39
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*201.38*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*210.04*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*335.63*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*686.42*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*216.54*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*318.31*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*68.51*	
		For Special Center Case Dogging (SD), Add	*286.85*	
		For Cylinder Dogging Indicator (CI), Add	*190.93*	
		For Dogging Indicator (DI), Add	*175.40*	
		For Quiet Electric Latch Retraction (QEL), Add	*911.60*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*88.62*	
		For Safety Glow Touchpad, Add	*319.74*	
		For Accessible Device (AX), Add	*216.54*	
08 71 11 00-2187	EA	3' Push Bar, Chexit Delayed Egress, Exit Device (Von Duprin Series CX98/CX99)	3,385.72	149.62
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*462.35*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*945.58*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*298.29*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*110.96*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*124.69*	
		For Center Case Dogging (CD-CX), Add	*309.68*	
		For Quiet Electric Latch Retraction (QEL), Add	*911.60*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*88.62*	
		For Safety Glow Touchpad, Add	*319.74*	
		For Accessible Device (AX), Add	*298.29*	
08 71 11 00-2188	EA	3' Push Bar, Fire Rated, Chexit Delayed Egress, Exit Device (Von Duprin Series CX98-F/CX99-F)	3,591.78	149.62
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*494.29*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*1,010.90*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*318.90*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*118.63*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*133.30*	
		For Quiet Electric Latch Retraction (QEL), Add	*911.60*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*88.62*	
		For Safety Glow Touchpad, Add	*319.74*	
		For Accessible Device (AX), Add	*318.90*	
08 71 11 00-2189	EA	3' Push Bar, Mortise Chexit Delayed Egress, Exit Device (Von Duprin Series CX9875/CX9975)	4,027.25	184.15
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*546.62*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*1,117.93*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*352.66*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*131.19*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*147.41*	
		For Center Case Dogging (CD-CX), Add	*309.68*	
		For Quiet Electric Latch Retraction (QEL), Add	*911.60*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*88.62*	
		For Safety Glow Touchpad, Add	*319.74*	
		For Accessible Device (AX), Add	*352.66*	
08 71 11 00-2190	EA	3' Push Bar, Fire Rated, Mortise Chexit Delayed Egress, Exit Device (Von Duprin Series CX9875-F/CX9975-F)	4,237.04	184.15
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*579.14*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*1,184.44*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*373.64*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*138.99*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*156.18*	
		For Quiet Electric Latch Retraction (QEL), Add	*911.60*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*88.62*	
		For Safety Glow Touchpad, Add	*319.74*	
		For Accessible Device (AX), Add	*373.64*	
08 71 11 00-2191	EA	3' Push Bar, Electric Latch Retraction, Exit Device (Von Duprin Series E98/E99)	2,169.23	149.62
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*273.79*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*559.95*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*176.64*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*65.71*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*101.39*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*68.51*	
		For Special Center Case Dogging (SD), Add	*286.85*	
		For Dogging Indicator (DI), Add	*175.40*	
		For Quiet Electric Latch Retraction (QEL), Add	*911.60*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*88.62*	
		For Safety Glow Touchpad, Add	*319.74*	
		For Accessible Device (AX), Add	*176.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2192	EA	3' Push Bar, Fire Rated, Electric Latch Retraction, Exit Device (Von Duprin Series E98-F/E99-F)	2,375.29	149.62
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*305.73*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*625.27*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*197.25*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*73.38*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*113.22*	
		For Quiet Electric Latch Retraction (QEL), Add	*911.60*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*88.62*	
		For Safety Glow Touchpad, Add	*319.74*	
		For Accessible Device (AX), Add	*197.25*	
08 71 11 00-2193	EA	3' Push Bar, Mortise Electric Latch Retraction, Exit Device (Von Duprin Series E9875/E9975)	2,810.76	184.15
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*358.07*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*732.30*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*231.01*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*85.94*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*132.60*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*68.51*	
		For Special Center Case Dogging (SD), Add	*286.85*	
		For Dogging Indicator (DI), Add	*175.40*	
		For Quiet Electric Latch Retraction (QEL), Add	*911.60*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*88.62*	
		For Safety Glow Touchpad, Add	*319.74*	
		For Accessible Device (AX), Add	*231.01*	
08 71 11 00-2194	EA	3' Push Bar, Fire Rated, Mortise Electric Latch Retraction, Exit Device (Von Duprin Series E9875-F/E9975-F)	3,020.53	184.15
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*390.58*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*798.80*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*251.99*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*93.74*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*144.64*	
		For Quiet Electric Latch Retraction (QEL), Add	*911.60*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*88.62*	
		For Safety Glow Touchpad, Add	*319.74*	
		For Accessible Device (AX), Add	*251.99*	
08 71 11 00-2195	EA	Exit Only Trim Plate (Von Duprin Series 98/99, EO)	177.95	17.27
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*3.96*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*5.94*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*22.42*	
08 71 11 00-2196	EA	Dummy Trim (Von Duprin Series 98/99, 990DT)	262.72	21.58
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*6.16*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*9.23*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*34.88*	
08 71 11 00-2197	EA	Night Latch Pull Trim With 110NL Cylinder (Von Duprin Series 98/99, 990NL)	398.40	28.77
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*9.53*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*14.30*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*54.03*	
08 71 11 00-2198	EA	Night Latch Pull Trim Without Cylinder (Von Duprin Series 98/99, 990NL)	300.41	28.77
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*6.60*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*9.89*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*37.37*	
08 71 11 00-2199	EA	Lever Trim With 110NL Cylinder (Von Duprin Series 98/99, 996L)	687.30	43.16
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*17.17*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*25.75*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*97.28*	
08 71 11 00-2200	EA	Lever Trim Without Cylinder (Von Duprin Series 98/99, 996L)	589.31	43.16
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*14.23*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*21.34*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*80.62*	
08 71 11 00-2201	EA	Blank Escutcheon, Lever ((Von Duprin Series 98/99, 996L-BE)	589.31	43.16
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*14.23*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*21.34*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*80.62*	
08 71 11 00-2202	EA	Night Latch, Lever With 110NL Cylinder (Von Duprin Series 98/99, 996L-NL)	582.62	43.16
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*14.03*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*21.04*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*79.48*	
08 71 11 00-2203	EA	Night Latch, Lever Without Cylinder (Von Duprin Series 98/99, 996L-NL)	484.63	43.16
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*11.09*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*16.63*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*62.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2204	EA	Lever Dummy Trim (Von Duprin Series 98/99, 996L-DT)	484.63	43.16
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*11.09*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*16.63*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*62.82*	
08 71 11 00-2205	EA	Knob Trim With 110NL Cylinder (Von Duprin Series 98/99, K)	565.88	43.16
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*13.52*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*20.29*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*76.63*	
08 71 11 00-2206	EA	Knob Trim Without Cylinder (Von Duprin Series 98/99, K)	467.89	43.16
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*10.58*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*15.88*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*59.98*	
08 71 11 00-2207	EA	Blank Escutcheon, Knob (Von Duprin Series 98/99, K-BE)	467.89	43.16
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*10.58*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*15.88*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*59.98*	
08 71 11 00-2208	EA	Night Latch, Knob With 110NL Cylinder (Von Duprin Series 98/99, K-NL)	556.45	43.16
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*13.24*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*19.86*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*75.03*	
08 71 11 00-2209	EA	Night Latch, Knob Without Cylinder (Von Duprin Series 98/99, K-NL)	458.46	43.16
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*10.30*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*15.45*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*58.37*	
08 71 11 00-2210	EA	Dummy Trim For Knob Without Cylinder (Von Duprin Series 98/99, K-DT)	458.46	43.16
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*10.30*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*15.45*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*58.37*	
08 71 11 00-2211	EA	Thumbpiece Trim With 110NL Cylinder (Von Duprin Series 98/99, TP)	505.15	43.16
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*11.70*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*17.55*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*66.31*	
08 71 11 00-2212	EA	Thumbpiece Trim Without Cylinder (Von Duprin Series 98/99, TP)	407.16	43.16
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*8.76*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*13.14*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*49.65*	
08 71 11 00-2213	EA	Blank Escutcheon, Thumbpiece (Von Duprin Series 98/99, T-BE)	407.16	43.16
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*8.76*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*13.14*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*49.65*	
08 71 11 00-2214	EA	Push/Pull Hospital Latch Trim With 110NL Cylinder (Von Duprin Series 98/99, HL)	416.65	43.16
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*9.05*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*13.57*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*51.27*	

08 71 11 00-2215 Option And Kits For Series 22, 33, 35, 98 Or 99 *(08 71 11 00-2132)*

08 71 11 00-2216	EA	Alarm Kit With Switch And 9 Volt Battery Back-up	1,058.56	43.16
08 71 11 00-2217	EA	4 Amperes Output Current, 12-24 Volt DC, Power Supply (Von Duprin PS914)	901.54	43.16
		For Battery Backup (Includes Board And 2 Batteries), Add	*70.98*	
		For Fire Alarm Interface, Add	*35.49*	
		For 2 Relay Panic Device Control Board, Add	*82.34*	
		For 2 Relay Quiet Electric Latch Panic Device Control Board, Add	*96.53*	
		For 4 Relay Output Board, Add	*79.50*	
		For 4 Relay Logic Board, Add	*218.04*	
		For Fused 8 Zone Distribution Board, Add	*28.39*	
08 71 11 00-2218	EA	Jamb Mounted Concealed Electric Power Transfer (Von Duprin EPT-10)	686.19	43.16
08 71 11 00-2219	EA	2 Amperes Output Current, 12/24 Volt DC, Power Supply (Von Duprin PS902)	424.59	43.16
		For Battery Backup (Includes Board And 2 Batteries), Add	*70.98*	
		For Fire Alarm Interface, Add	*35.49*	
		For 2 Relay Quiet Electric Latch Panic Device Control Board, Add	*96.53*	
		For 4 Relay Output Board, Add	*79.50*	
		For 4 Relay Logic Board, Add	*218.04*	
		For Fused 8 Zone Distribution Board, Add	*28.39*	
08 71 11 00-2220	EA	4 Amperes Output Current, 12/24 Volt DC, Power Supply (Von Duprin PS904)	698.48	43.16
		For Battery Backup (Includes Board And 2 Batteries), Add	*70.98*	
		For Fire Alarm Interface, Add	*35.49*	
		For 2 Relay Quiet Electric Latch Panic Device Control Board, Add	*96.53*	
		For 4 Relay Output Board, Add	*79.50*	
		For 4 Relay Logic Board, Add	*218.04*	
		For Fused 8 Zone Distribution Board, Add	*28.39*	
08 71 11 00-2221	EA	Request to Exit Push Pad Monitor Switch (RX)	245.44	28.77
08 71 11 00-2222	EA	EL Conversion Kit, Electric Latch Retraction (Von Duprin)	1,048.95	
		Note: For Von Duprin Series 33A/35A/98/99 Exit Device		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 71 11 00-2223 Removable Verticals, Mullions (Von Duprin) *(08 71 11 00-2132)*

08 71 11 00-2224	EA	7'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-72) Note: For use with Von Duprin Panic rim devices.	613.37	28.77
		For Owner Furnished Material, Deduct	*-498.28*	
08 71 11 00-2225	EA	8'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-82) Note: For use with Von Duprin Panic rim devices.	652.37	28.77
		For Owner Furnished Material, Deduct	*-537.28*	
08 71 11 00-2226	EA	10'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-102) Note: For use with Von Duprin Panic rim devices.	1,072.99	28.77
		For Owner Furnished Material, Deduct	*-957.90*	
08 71 11 00-2227	EA	7'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-76) Note: For use with Von Duprin Panic rim devices.	1,052.35	34.53
		For Owner Furnished Material, Deduct	*-914.24*	
08 71 11 00-2228	EA	8'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-86) Note: For use with Von Duprin Panic rim devices.	1,091.34	34.53
		For Owner Furnished Material, Deduct	*-953.23*	
08 71 11 00-2229	EA	10'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-106) Note: For use with Von Duprin Panic rim devices.	1,176.92	34.53
		For Owner Furnished Material, Deduct	*-1,038.81*	
08 71 11 00-2230	EA	7'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-73) Note: For use with Von Duprin Panic rim devices.	998.91	28.77
		For Owner Furnished Material, Deduct	*-883.82*	
08 71 11 00-2231	EA	8'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-83) Note: For use with Von Duprin Panic rim devices.	1,044.84	28.77
		For Owner Furnished Material, Deduct	*-929.75*	
08 71 11 00-2232	EA	10'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-103) Note: For use with Von Duprin Panic rim devices.	1,137.94	28.77
		For Owner Furnished Material, Deduct	*-1,022.85*	
08 71 11 00-2233	EA	7'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-75) Note: For use with Von Duprin Panic rim devices.	1,547.01	34.53
		For Owner Furnished Material, Deduct	*-1,408.90*	
08 71 11 00-2234	EA	8'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-85) Note: For use with Von Duprin Panic rim devices.	1,592.94	34.53
		For Owner Furnished Material, Deduct	*-1,454.83*	
08 71 11 00-2235	EA	10'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-105) Note: For use with Von Duprin Panic rim devices.	3,036.23	34.53
		For Owner Furnished Material, Deduct	*-2,898.12*	
08 71 11 00-2236	EA	Mullion Stabilizer Set (Von Duprin 154) Note: For use with Von Duprin Panic rim devices.	127.28	23.01
		For Owner Furnished Material, Deduct	*-81.24*	

08 71 11 00-2237 Cross Bar Exit Device, Narrow Stile (Von Duprin Series 55) *(08 71 11 00-2132)*

Note: Grade 1, BHMA 156.3.

08 71 11 00-2238	EA	42" Crossbar Exit Device, Rim Type, Narrow Stile Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 55.	2,414.24	129.47
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*260.69*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*300.00*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*395.17*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*430.34*	
08 71 11 00-2239	EA	42" Crossbar Exit Device, Concealed Vertical Rod, Narrow Stile Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547.	3,106.62	178.39
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*331.25*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*381.20*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*502.14*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*546.83*	
08 71 11 00-2240	EA	42" Crossbar Exit Device, Concealed Vertical Rod, Narrow Stile, Fire Rated Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547-F.	3,400.17	178.39
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*368.24*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*423.77*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*558.21*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*607.89*	
08 71 11 00-2241	EA	42" Crossbar Exit Device, Wood Door Concealed Vertical Rod, Narrow Stile Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547WDC.	3,179.19	178.39
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*340.40*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*391.73*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*516.00*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*561.92*	
08 71 11 00-2242	EA	42" Crossbar Exit Device, Wood Door Concealed Vertical Rod, Narrow Stile, Fire Rated Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547WDC-F.	3,464.08	178.39
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*376.29*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*433.04*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*570.41*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*621.18*	
08 71 11 00-2243	EA	42" Crossbar Exit Device, Mortise Lock, Narrow Stile Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5575.	2,405.22	161.13
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*248.68*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*286.18*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*376.96*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*410.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2244	EA	42" Crossbar Exit Device, Mortise Lock, Narrow Stile, Fire Rated	2,596.95	161.13
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5575-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*272.84*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*313.98*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*413.58*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*450.39*	
08 71 11 00-2245	EA	Dummy Trim (DT) Pull Bracket (Von Duprin Series 55)	413.93	21.58
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*44.91*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*51.68*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*68.07*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*74.13*	
08 71 11 00-2246	EA	Cylinder Assembly (Von Duprin Series 55)	181.31	30.50
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*12.69*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*14.61*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*19.24*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*20.95*	
08 71 11 00-2247	EA	Night Latch Pull Trim (NL) With Cylinder (Von Duprin Series 55)	692.01	30.50
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*77.04*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*88.66*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*116.79*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*127.18*	
08 71 11 00-2248	EA	Thumbturn Trim (376T) With Cylinder (Von Duprin Series 55)	739.53	43.16
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*78.68*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*90.54*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*119.27*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*129.88*	
08 71 11 00-2249	EA	Thumbturn - Blank Escutcheon (376T-BE) (Von Duprin Series 55)	606.87	43.16
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*61.96*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*71.31*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*93.93*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*102.29*	
08 71 11 00-2250	EA	Lever Trim (371L) With Cylinder (Von Duprin Series 55)	739.53	43.16
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*78.68*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*90.54*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*119.27*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*129.88*	
08 71 11 00-2251	EA	Lever Trim (575L) With Cylinder (Von Duprin Series 55)	854.35	43.16
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*93.15*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*107.19*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*141.20*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*153.77*	
08 71 11 00-2252		**Cross Bar Exit Device (Von Duprin Series 88)** *(08 71 11 00-2132)*		
		Note: Grade 1, BHMA 156.3.		
08 71 11 00-2253	EA	42" Crossbar, Rim Type, Exit Device	1,518.41	129.47
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*36.37*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*37.54*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*320.26*	
08 71 11 00-2254	EA	42" Crossbar, Fire Rated, Rim Type, Exit Device	1,777.31	129.47
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*44.39*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*45.82*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*390.94*	
08 71 11 00-2255	EA	42" Crossbar, Surface Vertical Rods, Exit Device	1,967.69	155.38
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8827.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*48.15*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*49.71*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*424.06*	
08 71 11 00-2256	EA	42" Crossbar, Fire Rated, Surface Vertical Rods, Exit Device	2,527.70	155.38
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8827-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*65.51*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*67.63*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*576.95*	
08 71 11 00-2257	EA	42" Crossbar, Concealed Vertical Rods, Exit Device	1,890.05	178.39
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8847.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*43.79*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*45.20*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*385.59*	
08 71 11 00-2258	EA	42" Crossbar, Fire Rated, Concealed Vertical Rods, Exit Device	2,399.28	178.39
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8847-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*59.57*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*61.49*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*524.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2259	EA	42" Crossbar, Mortise Lock, Exit Device	2,034.76	161.13
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8875.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*49.70*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*51.30*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*437.67*	
08 71 11 00-2260	EA	42" Crossbar, Fire Rated, Mortise Lock, Exit Device	2,166.92	161.13
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8875-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*53.80*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*55.53*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*473.75*	
08 71 11 00-2261	EA	Dummy Trim (Von Duprin Series 88, DT)	228.69	21.58
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*5.31*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*5.48*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*46.72*	
08 71 11 00-2262	EA	Night Latch Pull Trim With Cylinder (Von Duprin Series 88, NL)	359.45	28.77
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*8.65*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*8.92*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*76.13*	
08 71 11 00-2263	EA	Thumbturn Trim With Cylinder (Von Duprin Series 88, 376T Or 377T)	641.54	43.16
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*16.32*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*16.85*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*143.72*	
08 71 11 00-2264	EA	Lever Trim With Cylinder (Von Duprin Series 88, 373L)	598.21	43.16
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*14.98*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*15.46*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*131.89*	
08 71 11 00-2265	EA	Knob Trim With Cylinder (Von Duprin Series 88, K)	443.81	43.16
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*10.19*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*10.52*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*89.74*	
08 71 11 00-2266	EA	Thumbpiece Trim With Cylinder (Von Duprin Series 88, TP)	443.81	43.16
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*10.19*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*10.52*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*89.74*	

08 71 11 00-2267 Push Bar Exit Device, Precision Hardware Apex 2000 Series *(08 71 11 00-2132)*

Note: Grade 1, BHMA 156.3. Anodized Aluminum Finish.

08 71 11 00-2268	EA	3' Push Bar Exit Device, Rim Type (Precision Hardware 2100 Series)	2,204.81	129.47
		For 4' Push Bar, Add	*13.87*	
		For Owner Furnished Material, Deduct	*-1,859.53*	
08 71 11 00-2269	EA	3' Push Bar Exit Device, Rim Type, Fire Rated (Precision Hardware 2100 Series)	2,332.58	129.47
		For 4' Push Bar, Add	*13.87*	
		For Owner Furnished Material, Deduct	*-1,987.30*	
08 71 11 00-2270	EA	3' Push Bar Exit Device, Surface Vertical Rod (Top Only) (Precision Hardware 2200 Series)	3,038.86	155.38
		For 4' Push Bar, Add	*13.87*	
		For Owner Furnished Material, Deduct	*-2,624.52*	
08 71 11 00-2271	EA	3' Push Bar Exit Device, Surface Vertical Rod (Top Only), Fire Rated (Precision Hardware 2200 Series)	3,166.63	155.38
		For 4' Push Bar, Add	*13.87*	
		For Owner Furnished Material, Deduct	*-2,752.29*	
08 71 11 00-2272	EA	Exit Only, Cover Plate, Lever/Knob Trim (Precision 4901)	267.98	17.27
		For Owner Furnished Material, Deduct	*-221.94*	
08 71 11 00-2273	EA	Exit Only, Dummy Trim, Lever/Knob Trim (Precision 4902A)	731.74	21.58
		For Owner Furnished Material, Deduct	*-674.20*	
08 71 11 00-2274	EA	Key Retracts Latchbolt, Lever/Knob Trim (Precision 4903A)	789.29	43.16
		For Owner Furnished Material, Deduct	*-674.20*	
08 71 11 00-2275	EA	Key Controls Lever/Knob, Lever/Knob Trim (Precision 4908A)	957.43	43.16
		For Owner Furnished Material, Deduct	*-842.34*	
08 71 11 00-2276	EA	Key Controls Lever, Lever/Knob Trim (Precision V4908A)	957.43	43.16
		For Owner Furnished Material, Deduct	*-842.34*	
08 71 11 00-2277	EA	Lever/Knob Always Active, Lever/Knob Trim (Precision 4914A)	957.43	43.16
		For Owner Furnished Material, Deduct	*-842.34*	
08 71 11 00-2278	EA	Exit Only, Cover Plate, Pull Trim (Precision 1701)	193.98	17.27
		For Owner Furnished Material, Deduct	*-147.94*	
08 71 11 00-2279	EA	Exit Only, Dummy Trim, Pull Trim (Precision 1702A)	424.07	21.58
		For Owner Furnished Material, Deduct	*-366.53*	
08 71 11 00-2280	EA	Key Retracts Latchbolt, Pull Trim (Precision 1703A)	447.10	28.77
		For Owner Furnished Material, Deduct	*-366.53*	
08 71 11 00-2281	EA	Key Controls Thumb Piece, Pull Trim (Precision 1705A)	629.56	43.16
		For Owner Furnished Material, Deduct	*-514.47*	
08 71 11 00-2282	EA	Thumb Piece Always Active, Pull Trim (Precision 1715A)	629.56	43.16
		For Owner Furnished Material, Deduct	*-514.47*	

08 71 11 00-2283 Door Closers *(08 71 11)*

Note: Includes standard cover and arm.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2284	EA	Surface Mounted Standard Duty Door Closer (LCN 1460 Series)	506.10	33.37
		For Delayed Action, Add	*12.60*	
		For AVB (5 Lb. Per Push), Add	*6.60*	
		For Fusible Link Arm, Add	*39.60*	
		For Shock Absorbing Arm, Add	*19.80*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
		For Parallel Arm, Add	*22.40*	
08 71 11 00-2285	EA	Surface Mounted Heavy-Duty Door Closer (LCN 4010/4020/4110 Series)	619.90	33.37
		For Delayed Action, Add	*12.60*	
		For AVB (5 Lb. Per Push), Add	*6.60*	
		For Fusible Link Arm, Add	*39.60*	
		For Shock Absorbing Arm, Add	*19.80*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
08 71 11 00-2286	EA	Surface Mounted Heavy-Duty Door Closer (LCN 4040XP/4041 Series)	638.00	33.37
		For Delayed Action, Add	*12.60*	
		For AVB (5 Lb. Per Push), Add	*6.60*	
		For Fusible Link Arm, Add	*39.60*	
		For Shock Absorbing Arm, Add	*19.80*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
		For Spring Cush Arm, Add	*67.20*	
		For Parallel Arm And PA Shoe, Add	*22.40*	
		For Stainless Steel Finish, Add	*145.00*	
08 71 11 00-2287	EA	Surface Mounted High Security Door Closer With Metal Cover (LCN 4510)	660.64	33.37
		For Delayed Action, Add	*12.60*	
		For AVB (5 Lb. Per Push), Add	*6.60*	
		For Fusible Link Arm, Add	*39.60*	
		For Shock Absorbing Arm, Add	*19.80*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
08 71 11 00-2288	EA	Surface Mounted Standard Duty Door Closer (Norton 8301)	420.86	33.37
		For Parallel Arm, Add	*22.40*	
08 71 11 00-2289	EA	Surface Mounted Standard Duty Door Closer (Norton 8501)	424.67	33.37
		For Parallel Arm, Add	*22.40*	
08 71 11 00-2290	EA	Screen Door - Closer	58.25	12.51
08 71 11 00-2291	EA	Screen Door - Locking Handle	63.22	17.97
08 71 11 00-2292	EA	Surface Mounted Medium Duty Door Closer - Cal Royal Series 900	397.81	33.37
		For Owner Furnished Material, Deduct	*-220.75*	
08 71 11 00-2293	EA	Multi Point Hold Open Heavy-Duty Electrically Controlled Door Closer (LCN 4310ME Series)	1,510.25	33.37
		For Owner Furnished Material, Deduct	*-1,333.19*	

08 71 11 00-2294 Concealed Door Closers *(08 71 11)*

08 71 11 00-2295	EA	Non-Hold Open, Floor Concealed Door Closer (Rixson 27/28)	1,425.97	98.98
08 71 11 00-2296	EA	Selective Hold Open, Floor Concealed Door Closer (Rixson 27/27)	1,532.63	98.98
08 71 11 00-2297	EA	Concealed (In Door) Overhead Door Closer (LCN 3130)	732.44	40.28
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
08 71 11 00-2298	EA	Concealed (In Frame) Overhead Door Closer (LCN 5010)	794.84	40.28
		For Delayed Action, Add	*12.60*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	

08 71 11 00-2299 Locks And Latches *(08 71 11)*

Note: All locksets are supplied with strike plate, knob, lever or thumb piece, set of 3 keys and include a core. Multi purchase locksets can be keyed alike and to an existing master key (when required). The cost for boring hole or preparing mortise is included with the new door.

08 71 11 00-2300 Locksmith Services *(08 71 11 00-2299)*

08 71 11 00-2301	EA	Provide Extra Keys (Above The Three Provided For New Locks) Or Duplicate Keys	2.19	
		For >50, Deduct	*-0.44*	
08 71 11 00-2302	EA	Rekey Existing Cylinder To Match Existing Cylinders Or Master Key	138.17	
		For >5, Deduct	*-13.82*	
08 71 11 00-2303	EA	Removal And Replacement Of Cylinder With Owner Supplied Cylinder	138.17	
		For >5, Deduct	*-13.82*	
08 71 11 00-2304	EA	Removal And Replacement Of Cylinder With New Cylinder Note: Excludes core.	161.51	
		For >5, Deduct	*-13.82*	
08 71 11 00-2305	EA	Open Locked Doors	138.17	
08 71 11 00-2306	EA	Install Owner Furnished Cores And Cylinders	57.95	

08 71 11 00-2307 Mortise Locksets And Latchsets *(08 71 11 00-2299)*

Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.13 Grade 1. Levers or knobs.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2308	EA	Passage/Closet F01 Mortise Latchset Note: Both sides always unlocked.	917.93	28.77
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*26.49*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*24.09*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*40.14*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*283.40*	
08 71 11 00-2309	EA	Bath/Bedroom Privacy F02/F19 Mortise Lockset Note: Locked with thumb knob inside.	1,096.32	28.77
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*32.38*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*29.44*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*49.06*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*346.37*	
08 71 11 00-2310	EA	Entrance/Office F04 Mortise Lockset Note: Locked with key outside and thumb knob inside.	1,222.49	28.77
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*36.54*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*33.22*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*55.37*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*390.91*	
08 71 11 00-2311	EA	Classroom F05 Mortise Lockset Note: Locked with key outside. Inside always unlocked.	1,139.62	28.77
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*33.81*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*30.74*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*51.23*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*361.66*	
		For Security Function (Double Cylinder) With Visual Indicator, Add	*83.39*	
08 71 11 00-2312	EA	Storeroom/Closet F07 Mortise Lockset Note: Locked with key outside. Inside always unlocked. Fixed outside handle.	1,139.62	28.77
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*33.81*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*30.74*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*51.23*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*361.66*	
08 71 11 00-2313	EA	Entrance F08 Mortise Lockset Note: Locked with key outside and thumb knob inside.	1,275.33	28.77
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*38.29*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*34.81*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*58.01*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*409.56*	
08 71 11 00-2314	EA	Dormitory/Exit F13 Mortise Lockset Note: Locked with key outside and thumb knob inside.	1,095.08	28.77
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*32.34*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*29.40*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*49.00*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*345.94*	

08 71 11 00-2315 Mortise Locksets And Latchsets (Corbin Russwin) *(08 71 11 00-2299)*

Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.13 Grade 1. Levers or knobs.

08 71 11 00-2316	EA	Storeroom Mortise Lockset (Corbin Russwin ML2057-LWN) Note: Satin Chrome Finish (626)	808.60	28.77
08 71 11 00-2317	EA	Classroom Mortise Lockset (Corbin Russwin ML2055-LWN) Note: Satin Chrome Finish (626)	808.71	28.77
08 71 11 00-2318	EA	Office Mortise Lockset (Corbin Russwin ML2051-LWN) Note: Satin Chrome Finish (626)	808.71	28.77
08 71 11 00-2319	EA	Privacy Mortise Lockset (Corbin Russwin ML2060) Note: Satin Chrome Finish (626)	743.56	28.77
08 71 11 00-2320	EA	Passage Mortise Lockset (Corbin Russwin ML2010-LWN) Note: Satin Chrome Finish (626)	727.81	28.77

08 71 11 00-2321 Electrically Controlled Mortise Locksets And Latchsets (Corbin Russwin) *(08 71 11 00-2299)*

Note: Satin chrome plated US 26D (BHMA 626)

08 71 11 00-2322	EA	Electrically Controlled Mortise Lock - Single Cylinder, Lever (Corbin Russwin ML20906 LWA) Note: Satin Chrome Finish (626)	1,007.46	28.77

08 71 11 00-2323 Locks And Latches *(08 71 11 00-2299)*

08 71 11 00-2324 Preassembled Locks And Latches *(08 71 11 00-2323)*

Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989 Grade 1, with knob handles.

08 71 11 00-2325	EA	Passage/Closet F36 Pre-Assembled Latchset (Corbin Russwin UT5210) Note: Both sides always unlocked.	2,100.31	28.77
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*60.42*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*100.70*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*710.94*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*374.60*	
		For Grade 2, Deduct	*-783.44*	
08 71 11 00-2326	EA	Bath/Bedroom Privacy F37 Pre-Assembled Lockset (Corbin Russwin UT5220) Note: Locked with push button inside.	2,276.39	28.77
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*65.70*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*109.50*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*773.09*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*407.35*	
		For Grade 2, Deduct	*-851.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2327	EA	Entrance/Office F41 Pre-Assembled Lockset (Corbin Russwin UT5261)	2,592.10	28.77
		Note: Locked with key outside and push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*75.17*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*125.29*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*884.54*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*466.08*	
		For Grade 2, Deduct	*-974.75*	
08 71 11 00-2328	EA	Classroom F42 Pre-Assembled Lockset (Corbin Russwin UT5255)	2,592.10	28.77
		Note: Locked with key outside. Inside always unlocked.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*75.17*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*125.29*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*884.54*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*466.08*	
		For Grade 2, Deduct	*-974.75*	
08 71 11 00-2329	EA	Storeroom/Closet F44 Pre-Assembled Lockset (Corbin Russwin UT5257)	2,592.10	28.77
		Note: Locked with key outside. Inside always unlocked. Fixed outside handle.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*75.17*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*125.29*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*884.54*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*466.08*	
		For Grade 2, Deduct	*-974.75*	
08 71 11 00-2330		**Bored Locks And Latches** *(08 71 11 00-2323)*		
		Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989, Grade 1, 6 pins or 7 pins. Levers or knobs.		
08 71 11 00-2331	EA	Passage/Closet F75 Bored Latchset	302.50	28.77
		Note: Both sides always unlocked.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*5.62*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*9.37*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*66.16*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*34.86*	
		For Grade 2, Deduct	*-9.37*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*3.75*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2332	EA	Bath/Bedroom Privacy F76 Bored Lockset	347.19	28.77
		Note: Locked with push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*6.96*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*11.61*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*81.93*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*43.17*	
		For Grade 2, Deduct	*-11.61*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*4.64*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2333	EA	Entrance/Office F82 Bored Lockset	383.23	28.77
		Note: Locked with key outside and push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*8.04*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*13.41*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*94.65*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*49.87*	
		For Grade 2, Deduct	*-13.41*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*5.36*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2334	EA	Classroom F84 Bored Lockset	383.23	28.77
		Note: Locked with key outside. Inside always unlocked.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*8.04*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*13.41*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*94.65*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*49.87*	
		For Grade 2, Deduct	*-13.41*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*5.36*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2335	EA	Storeroom/Closet F86 Bored Lockset	383.23	28.77
		Note: Locked with key outside. Inside always unlocked. Fixed outside handle.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*8.04*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*13.41*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*94.65*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*49.87*	
		For Grade 2, Deduct	*-13.41*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*5.36*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2336	EA	Corridor/Dormitory F90 Bored Lockset	383.23	28.77
		Note: Locked with key outside and push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*8.04*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*13.41*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*94.65*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*49.87*	
		For Grade 2, Deduct	*-13.41*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*5.36*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2337		**Electrified Cylinder Lever Locksets (Corbin Russwin)** *(08 71 11 00-2323)*		
		Note: Satin chrome plated US 26D (BHMA 626)		
08 71 11 00-2338	EA	Electrified Lockset (Corbin Russwin CL33905 NZD)	972.39	28.77
		Note: Satin chrome plated US26D (BHMA 626)		
		For Owner Furnished Material, Deduct	*-857.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2339		**Occupancy Indicator Locks** *(08 71 11 00-2323)*		
08 71 11 00-2340	EA	Occupancy Indicator Deadbolt With Thumbturn (Schlage B571) Note: Standard finish is satin chrome	148.15	28.76
		For Bright Brass Finish, Add	*5.41*	
		For Oil Rubbed Bronze Finish, Add	*14.48*	
		For Aged Bronze Finish, Add	*5.41*	
		For Satin Nickel Finish, Add	*5.41*	
08 71 11 00-2341	EA	Occupancy Indicator Lock And Lever (Vizilok C3F) Note: Included finishes are satin chrome, satin nickel, & polished chrome. Lever on both sides	224.58	28.76
		For Oil Rubbed Bronze Finish, Add	*5.88*	
08 71 11 00-2342		**Other Locks** *(08 71 11 00-2299)* Note: BHMA A156.5.		
08 71 11 00-2343	PR	Screen Door - Hinges	35.21	9.96
08 71 11 00-2344	EA	Steel Exit Lock With Alarm, Single Door Satin Chrome Plated, BHMA E0421	1,019.20	149.62
08 71 11 00-2345	EA	Exit Lock With Alarm At Active Leaf And Vertical Rod - Inactive Leaf Rod For Inactive Leaf (Pair Doors) Steel With Satin Chrome Plating BHMA - E0461	2,334.24	299.24
08 71 11 00-2346		**Pushbutton Combination Locks** *(08 71 11 00-2299)*		
08 71 11 00-2347		**Mechanical Pushbutton Combination Locks** *(08 71 11 00-2346)* Note: Passage option allows access without using the lock entry code and is activated from the inside with a thumbturn or key. Lockout option disables the lock from the inside so that the entry code cannot be used to gain access.		
08 71 11 00-2348		**Mechanical Pushbutton Combination Locks (Kaba® Simplex® 1000 Series)** *(08 71 11 00-2347)* Note: Satin chrome or antique brass finish.		
08 71 11 00-2349	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® 1011 Series)	879.34	72.44
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*50.61*	
		For Fire Rated, Add	*69.24*	
08 71 11 00-2350	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® 1311 Series)	948.70	72.44
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*50.61*	
		For Fire Rated, Add	*69.24*	
08 71 11 00-2351	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Knob (Kaba® Simplex® 1021 Series)	976.44	72.44
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*50.61*	
		For Fire Rated, Add	*69.24*	
08 71 11 00-2352	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Knob (Kaba® Simplex® 1041 Series)	1,045.81	72.44
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*50.61*	
		For Fire Rated, Add	*69.24*	
08 71 11 00-2353	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® L1011 Series)	997.25	72.44
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*50.61*	
		For Fire Rated, Add	*69.24*	
08 71 11 00-2354	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® L1031 Series)	1,066.62	72.44
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*50.61*	
		For Fire Rated, Add	*69.24*	
08 71 11 00-2355	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® L1021 Series)	1,094.36	72.44
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*50.61*	
		For Fire Rated, Add	*69.24*	
08 71 11 00-2356	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® L1041 Series)	1,163.72	72.44
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*50.61*	
		For Fire Rated, Add	*69.24*	
08 71 11 00-2357		**Mechanical Pushbutton Combination Locks (Kaba® Simplex® 5000 Series)** *(08 71 11 00-2347)* Note: ANSI/BHMA Grade 1, Satin chrome finish or black with satin chrome accents.		
08 71 11 00-2358	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Knob Or Lever (Kaba® Simplex® 5000 Series)	980.61	72.44
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Schlage Core, Add	*50.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2359	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Knob Or Lever (Kaba® Simplex® 5000 Series)	1,036.10	72.44
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Schlage Core, Add	*50.61*	
08 71 11 00-2360	EA	Five Button, Mortise Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series)	1,147.08	72.44
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Schlage Core, Add	*50.61*	
08 71 11 00-2361	EA	Five Button, Mortise Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series)	1,188.69	72.44
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Schlage Core, Add	*50.61*	
08 71 11 00-2362	EA	Five Button, Mortise Locking Device With Deadbolt And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series)	1,188.69	72.44
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Schlage Core, Add	*50.61*	
08 71 11 00-2363	EA	Five Button, Exit Trim, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series)	1,119.33	72.44
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Schlage Core, Add	*50.61*	
08 71 11 00-2364		**Mechanical Pushbutton Combination Locks (Kaba® Simplex® 8100 Series)** *(08 71 11 00-2347)*		
		Note: Satin chrome or antique brass finish.		
08 71 11 00-2365	EA	Five Button, Mortise Locking Device With Passage And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 8100 Series)	1,198.41	72.44
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*50.61*	
08 71 11 00-2366	EA	Five Button, Mortise Locking Device With Deadbolt, Passage And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 8100 Series)	1,240.02	72.44
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*50.61*	
08 71 11 00-2367		**Mechanical Pushbutton Combination Locks (Kaba® Simplex® LD 450/470)** *(08 71 11 00-2347)*		
		Note: Satin stainless, bright brass or antique brass finish.		
08 71 11 00-2368	EA	Twelve Button, Tubular Latch Locking Device, Light Duty, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® LD 450 Series)	481.19	72.44
		For Schlage Core, Add	*50.61*	
08 71 11 00-2369	EA	Twelve Button, Tubular Latch Locking Device With Passage, Light Duty, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® LD 470 Series)	664.31	72.44
		For Schlage Core, Add	*50.61*	
08 71 11 00-2370		**Electrical Pushbutton Combination Locks** *(08 71 11 00-2346)*		
		Note: Privacy option limits access to privileged users (master codes).		
08 71 11 00-2371		**Electrical Pushbutton Combination Locks (Kaba® E-Plex® 2000 Series)** *(08 71 11 00-2370)*		
		Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 100 access codes and 1,000 audit events.		
08 71 11 00-2372	EA	Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series)	914.02	72.44
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2373	EA	Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series)	1,080.49	72.44
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2374	EA	Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series)	1,122.11	72.44
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2375	EA	Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series)	1,052.74	72.44
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2376	EA	Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	983.38	72.44
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2377	EA	Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	1,122.11	72.44
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2378	EA	Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	1,149.85	72.44
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2379	EA	Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	1,191.47	72.44
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2380	EA	Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	1,122.11	72.44
		For Satin Brass Finish, Add	*17.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2381		Narrow Stile Application, Electrical Pushbutton Combination Locks (Kaba® E-Plex® 3000 Series) *(08 71 11 00-2370)*		
		Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 300 access codes and 9,000 audit events.		
08 71 11 00-2382	EA	Twelve Button, Mortise Locking Device, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3000 Series)	1,191.47	72.44
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.46*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2383	EA	Twelve Button, Mortise Locking Device With Deadbolt, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3000 Series)	1,191.47	72.44
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.46*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2384		Narrow Stile Application, Electrical Pushbutton Combination Locks (Kaba® E-Plex® 3200 Series) *(08 71 11 00-2370)*		
		Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 3,000 access codes and 30,000 audit events.		
08 71 11 00-2385	EA	Twelve Button, Mortise Locking Device, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3200 Series)	1,406.49	72.44
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.46*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2386	EA	Twelve Button, Mortise Locking Device With Deadbolt, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3200 Series)	1,406.49	72.44
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.46*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2387		Electrical Pushbutton Combination Locks (Kaba® E-Plex® 5200 Series) *(08 71 11 00-2370)*		
		Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 3,000 access codes and 30,000 audit events.		
08 71 11 00-2388	EA	Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	1,517.48	72.44
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.46*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2389	EA	Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	1,656.20	72.44
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.46*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2390	EA	Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	1,683.95	72.44
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.46*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2391	EA	Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	1,725.56	72.44
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.46*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2392	EA	Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	1,656.20	72.44
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.46*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2393		Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5800 Series) *(08 71 11 00-2370)*		
		Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.		
08 71 11 00-2394	EA	Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	2,176.42	72.44
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.46*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2395	EA	Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	2,315.15	72.44
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.46*	
		Note: Excludes momentary contact switch.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2396	EA	Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	2,342.89	72.44
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.46*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2397	EA	Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	2,384.51	72.44
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.46*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2398	EA	Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	2,315.15	72.44
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.46*	
		Note: Excludes momentary contact switch.		

08 71 11 00-2399 Entry/Egress, Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5886 Series) *(08 71 11 00-2370)*

Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.

08 71 11 00-2400	EA	Twelve Button, Mortise Locking Device, Entry/Egress, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5886 Series)	3,119.76	72.44
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*35.00*	

08 71 11 00-2401 Stand-Alone Access Controller, Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5870 Series) *(08 71 11 00-2370)*

Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.

08 71 11 00-2402	EA	Twelve Button, Stand-Alone Access Controller, Electrical Pushbutton Combination Lock/Card Reader (Kaba® E-Plex® 5870 Series)	1,933.65	72.44
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	

08 71 11 00-2403 Electrical Pushbutton Combination Lock Accessories (Kaba® E-Plex®) *(08 71 11 00-2370)*

08 71 11 00-2404	EA	Standard Software Implementation Kit (Kaba® E-Plex®)	925.43	
08 71 11 00-2405	EA	Enterprise Software Implementation Kit (Kaba® E-Plex®)	1,202.88	
08 71 11 00-2406	EA	E-Plex General FIPS Software Implementation Kit (Kaba® E-Plex®)	1,619.06	
08 71 11 00-2407	EA	USB FIPS/DESFire Card Reader/Enroller (Kaba® E-Plex®)	469.65	
08 71 11 00-2408	EA	High Capacity Battery Kit (Kaba® E-Plex® E5x00 Series)	145.51	
		Note: Includes 4 C-cell battery pack.		
08 71 11 00-2409	EA	12-24 Volt DC Power Interface Kit (Kaba® E-Plex® E5x00 Series)	174.64	

08 71 11 00-2410 Self-Powered, Electrical Pushbutton Combination Locks (Kaba® PowerPlex® 2000 Series) *(08 71 11 00-2370)*

Note: ANSI/BHMA Grade 1. Satin chrome finish.

08 71 11 00-2411	EA	Twelve Button, Cylindrical Locking Device, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series)	1,156.79	72.44
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-867.04*	
08 71 11 00-2412	EA	Twelve Button, Mortise Locking Device, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series)	1,323.26	72.44
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-1,033.51*	
08 71 11 00-2413	EA	Twelve Button, Mortise Locking Device With Deadbolt, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series)	1,364.88	72.44
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-1,075.13*	
08 71 11 00-2414	EA	Twelve Button, Exit Trim, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series)	1,295.51	72.44
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-1,005.76*	
08 71 11 00-2415	EA	Twelve Button, Cylindrical Locking Device, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	1,226.15	72.44
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-936.40*	
08 71 11 00-2416	EA	Twelve Button, Cylindrical Locking Device With Privacy, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	1,364.88	72.44
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-1,075.13*	
08 71 11 00-2417	EA	Twelve Button, Mortise Locking Device, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	1,392.62	72.44
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-1,102.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2418	EA	Twelve Button, Mortise Locking Device With Deadbolt, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	1,434.24	72.44
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-1,144.49*	
08 71 11 00-2419	EA	Twelve Button, Exit Trim, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	1,364.88	72.44
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-1,075.13*	

08 71 11 00-2420 Electrical Pushbutton Combination Locks (Schlage) *(08 71 11 00-2370)*

Note: ANSI/BHMA Grade 1. Satin chrome finish.

08 71 11 00-2421	EA	Class 100, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO100CY70KP626BD-D)	1,066.10	71.93
		For Owner Furnished Material, Deduct	*-778.37*	
08 71 11 00-2422	EA	Class 200, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO200CY70KP-D)	1,240.84	71.93
		For Owner Furnished Material, Deduct	*-953.11*	
08 71 11 00-2423	EA	Class 200, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO200CY70MSK626)	1,405.36	71.93
		For Owner Furnished Material, Deduct	*-1,117.63*	
08 71 11 00-2424	EA	Class 200, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage AD200CY70KP626)	1,847.87	71.93
		For Owner Furnished Material, Deduct	*-1,560.14*	
08 71 11 00-2425	EA	Class 200, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Standalone Electronic Lock (Schlage AD200CY70MKS626)	2,023.74	71.93
		For Owner Furnished Material, Deduct	*-1,736.01*	
08 71 11 00-2426	EA	Class 400, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Networked Wireless Electronic Lock (Schlage AD400CY70MSKSPA626)	2,230.25	71.93
		For Owner Furnished Material, Deduct	*-1,942.52*	
08 71 11 00-2427	EA	Class 300, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Networked Wireless Electronic Lock (Schlage AD300CY70MSKSPA626)	2,046.44	71.93
		For Owner Furnished Material, Deduct	*-1,758.71*	

08 71 11 00-2428 Residential Locks And Latchsets *(08 71 11 00-2299)*

08 71 11 00-2429	EA	Residential Entry Lock Core Replacement, Master Keyed - Falcon Or Equal	81.19	
08 71 11 00-2430	EA	Residential Deadbolt Core Replacement, Master Keyed - Falcon Or Equal	87.54	
08 71 11 00-2431	EA	Residential Entry Lockset With Knobs (Master Keyed)	86.60	17.39
08 71 11 00-2432	EA	Residential Privacy Lockset With Knobs	84.68	17.39
08 71 11 00-2433	EA	Residential Passage Lockset With Knobs	84.43	17.39
08 71 11 00-2434	EA	Residential Dummy Lockset With Knobs	66.77	14.49
08 71 11 00-2435	EA	Residential Entry Lockset With Levers (Master Keyed)	99.85	17.39
08 71 11 00-2436	EA	Residential Privacy Lockset With Levers	95.45	17.39
08 71 11 00-2437	EA	Residential Passage Lockset With Levers	92.27	17.39
08 71 11 00-2438	EA	Residential Dummy Lockset With Levers	68.29	14.49
08 71 11 00-2439	EA	Residential F10 Passage Lockset With Levers, Satin Chrome, (Schlage Broadway)	138.25	17.39
		For Owner Furnished Material, Deduct	*-68.71*	
08 71 11 00-2440	EA	Residential F40 Privacy Lockset With Levers, Satin Chrome, (Schlage Broadway)	141.51	17.39
		For Owner Furnished Material, Deduct	*-71.97*	
08 71 11 00-2441	EA	Residential F51 Keyed Entry, Panic Proof Lockset With Levers, Satin Chrome, (Schlage Broadway)	198.28	17.39
		For Owner Furnished Material, Deduct	*-128.74*	
08 71 11 00-2442	EA	Residential F54 Keyed Entry, With Fixed Interior, Lockset With Levers, Satin Chrome, (Schlage Broadway)	170.20	17.39
		For Owner Furnished Material, Deduct	*-100.66*	
08 71 11 00-2443	EA	Residential F170 Dummy Lockset With Levers, Satin Chrome, (Schlage Broadway)	98.30	14.49
		For Owner Furnished Material, Deduct	*-40.35*	

08 71 11 00-2444 Deadbolts *(08 71 11 00-2299)*

08 71 11 00-2445 Cylindrical Deadbolts, Grade 1, ANSI 156.5 *(08 71 11 00-2444)*

Note: 2-3/8" or 2-3/4" backset.

08 71 11 00-2446	EA	Single Cylinder Deadbolt, Key One Side, Knob One Side Note: Cylindrical, ANSI Grade 1, interchangeable core, bright brass or satin chromium finish.	211.20	28.77
		For Bright Chromium Or Oiled Rubbed Bronze Finish, Add	*4.20*	
08 71 11 00-2447	EA	Double Cylinder Deadbolt, Key Both Sides Note: Cylindrical, ANSI Grade 1, interchangeable core, bright brass or satin chromium finish.	242.73	28.77
		For Bright Chromium Or Oiled Rubbed Bronze Finish, Add	*4.20*	

08 71 11 00-2448 Cylindrical Deadbolts, Grade 2, ANSI 156.5 *(08 71 11 00-2444)*

Note: 2-3/8" or 2-3/4" backset.

08 71 11 00-2449	EA	Single Cylinder Deadbolt, Key One Side, Knob One Side Note: Cylindrical, ANSI Grade 2, interchangeable core, bright brass or satin chromium finish.	189.59	28.77
		For Bright Chromium Or Oiled Rubbed Bronze Finish, Add	*4.20*	
08 71 11 00-2450	EA	Double Cylinder Deadbolt, Key Both Sides Note: Cylindrical, ANSI Grade 2, interchangeable core, bright brass or satin chromium finish.	224.05	28.77
		For Bright Chromium Or Oiled Rubbed Bronze Finish, Add	*4.20*	

08 71 11 00-2451 Small Case Mortised Deadbolts, Grade 1, ANSI 156.5 *(08 71 11 00-2444)*

Note: Interchangeable cores with small case size, 4-1/2" x 3-1/2" nominal.

08 71 11 00-2452	EA	Small Case Mortised Deadbolt, Key One Side, Knob One Side Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal).	273.92	28.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2453	EA	Small Case Mortised Deadbolt, Key Both Sides Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal). Also used for Classroom version.	303.11	28.77
08 71 11 00-2454	EA	Small Case Mortised Deadbolt, Key One Side, Cover Plate One Side Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal).	268.08	28.77
08 71 11 00-2455		**Mortised Deadbolts, Grade 1, ANSI 156.5** *(08 71 11 00-2444)* Note: Interchangeable cores with standard case size, 4-1/2" x 6" nominal.		
08 71 11 00-2456	EA	Mortised Deadbolt, Key One Side, Knob One Side Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal).	353.33	28.77
08 71 11 00-2457	EA	Mortised Deadbolt, Key Both Sides Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal). Also used for Classroom version.	401.21	28.77
08 71 11 00-2458	EA	Mortised Deadbolt, Key One Side, Cover Plate One Side Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal).	312.45	28.77
08 71 11 00-2459		**Surface Mounted Deadbolts** *(08 71 11 00-2444)*		
08 71 11 00-2460	EA	Single Cylinder Surface Mounted Deadbolt Note: Key one side, knob one side, bright brass finish.	142.55	28.77
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2461	EA	Double Cylinder Surface Mounted Deadbolt Note: Key both sides, bright brass finish.	163.65	28.77
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2462	EA	Single Cylinder Surface Mounted Interlocking Deadbolt Note: Jimmy proof, key one side, knob one side, bright brass finish.	180.43	28.77
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2463	EA	Double Cylinder Surface Mounted Interlocking Deadbolt Note: Jimmy proof, key both sides, bright brass finish.	201.53	28.77
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2464		**Surface Mounted Deadlatches** *(08 71 11 00-2299)*		
08 71 11 00-2465	EA	Single Cylinder Surface Mounted Deadlatch Note: Key one side, knob one side, bright brass finish.	144.20	28.77
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2466	EA	Single Cylinder Surface Mounted Interlocking Deadlatch Note: Jimmy proof, key one side, knob one side, bright brass finish.	180.50	28.77
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2467		**Electric Strikes** *(08 71 11 00-2299)*		
08 71 11 00-2468	EA	12/24 Volt DC, Fail Safe/Fail Secure, Aluminum/Steel Body Electric Strike (Von Duprin 5100)	383.99	57.54
08 71 11 00-2469	EA	12/24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6111) Note: For rim mounted lock	1,164.85	57.54
08 71 11 00-2470	EA	12/24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6112) Note: For rim mounted lock	1,112.01	57.54
08 71 11 00-2471	EA	24 Volt DC, Fail Secure, Stainless Steel Body Electric Strike (Von Duprin 6211) Note: For mortise or cylindrical locks	852.39	57.54
08 71 11 00-2472	EA	24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6212) Note: For mortise or cylindrical locks	1,170.48	57.54
08 71 11 00-2473	EA	24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6213) Note: For mortise or cylindrical locks	1,147.56	57.54
08 71 11 00-2474	EA	24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6214) Note: For mortise or cylindrical locks	1,253.34	57.54
08 71 11 00-2475	EA	24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6215) Note: For mortise or cylindrical locks	1,165.81	57.54
08 71 11 00-2476	EA	12/24 Volt DC, 2,500 Lb. Static Strength, Stainless Steel Body, Dual Voltage Electric Strike Body Only (HES 1006)	565.66	57.54
08 71 11 00-2477	EA	12/24 Volt DC, 3,000 Lb. Static Strength, Stainless Steel Body, Fire Rated Electric Strike (HES 4500)	704.04	57.54
08 71 11 00-2478	EA	12/24 Volt DC, 1,500 Lb. Static Strength, Steel Body, Low Profile Electric Strike (HES 5000)	335.35	57.54
08 71 11 00-2479	EA	12/24 Volt DC, 1,500 Lb. Static Strength, Steel Body, Adjustable Electric Strike (HES 5200)	335.35	57.54
08 71 11 00-2480	EA	12/24 Volt DC, 1,500 Lb. Static Strength, Cylindrical Or Rim Exit Device, Stainless Steel Body, Electric Strike With Preload (HES 7000)	435.49	57.54
08 71 11 00-2481	EA	12/24 Volt DC, 1,500 Lb. Static Strength, Stainless Steel Body, Cylindrical Lock Electric Strike (HES 7500)	789.68	57.54
08 71 11 00-2482	EA	12/24 Volt DC, 1,500 Lb. Static Strength, Stainless Steel Body, Compact Concealed Electric Strike (HES 8000)	381.73	57.54
08 71 11 00-2483	EA	12/24 Volt DC, 1,500 Lb. Static Strength, Stainless Steel Body, Fire Rated Compact Concealed Electric Strike (HES 8300)	724.26	57.54
08 71 11 00-2484	EA	12/24 Volt DC, 1,500 Lb. Static Strength, Stainless Steel Body, Fire Rated Concealed Electric Strike (HES 8500)	637.92	57.54
08 71 11 00-2485	EA	12/24 Volt DC, 1,500 Lb. Static Strength, Stainless Steel Body, Slim Line Surface Mounted Electric Strike (HES 9400)	755.22	75.96
08 71 11 00-2486	EA	12/24 Volt DC, 1,500 Lb. Static Strength, Rim Exit Device, Stainless Steel Body, Fire Rated Surface Mounted Electric Strike (HES 9500)	862.91	75.96
08 71 11 00-2487	EA	12/24 Volt DC, 1,500 Lb. Static Strength, Rim Exit Device, Stainless Steel Body, Surface Mounted Electric Strike (HES 9600)	755.79	75.96
08 71 11 00-2488		**Electric Hardware** *(08 71 11 00-2299)*		
08 71 11 00-2489	EA	Electrified Cylindrical Lock Option Note: Excludes the lock. This task is used in conjunction with other to electrify the lock.	212.46	
08 71 11 00-2490	EA	Electrified Mortise Lock Option Note: Excludes the lock. This task is used in conjunction with other locks to electrify the lock.	248.45	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2491	EA	24" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	125.55	28.77
08 71 11 00-2492	EA	1 Ampere At 12/24 Volt DC, Door Hardware Power Supply	414.94	28.77
08 71 11 00-2493	EA	3 Amperes At 12 Volt DC, 2 Amperes At 24 Volt DC, Door Hardware Power Supply	733.68	28.77
08 71 11 00-2494	EA	4-1/2 Amperes At 12 Volt DC, 3 Amperes At 24 Volt DC, Door Hardware Power Supply	1,133.78	28.77
08 71 11 00-2495	EA	6 Amperes At 12 Volt DC, 4 Amperes At 24 Volt DC, Door Hardware Power Supply	1,253.76	28.77
08 71 11 00-2496	EA	9 Amperes At 12 Volt DC, 6 Amperes At 24 Volt DC, Door Hardware Power Supply	1,500.51	28.77
08 71 11 00-2497	EA	15 Amperes At 12 Volt DC, 10 Amperes At 24 Volt DC, Door Hardware Power Supply	1,823.93	28.77
08 71 11 00-2498	EA	18" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	104.60	28.77
08 71 11 00-2499	EA	24" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	107.07	28.77
08 71 11 00-2500	EA	30" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	122.23	28.77
08 71 11 00-2501	EA	45" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	125.24	28.77
08 71 11 00-2502	EA	60" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	126.77	28.77
08 71 11 00-2503	EA	72" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	135.47	28.77
08 71 11 00-2504	EA	12" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	106.16	28.77
08 71 11 00-2505	EA	18" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	118.32	28.77
08 71 11 00-2506	EA	36" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	127.94	28.77
08 71 11 00-2507	EA	49" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	144.58	28.77
08 71 11 00-2508	EA	60" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	149.19	28.77
08 71 11 00-2509	EA	12" Long, 1/2" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	121.36	28.77
08 71 11 00-2510	EA	18" Long, 1/2" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	138.38	28.77
08 71 11 00-2511	EA	18" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	80.93	28.77
08 71 11 00-2512	EA	24" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	94.10	28.77
08 71 11 00-2513	EA	30" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	101.06	28.77
08 71 11 00-2514	EA	36" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	108.51	28.77
08 71 11 00-2515	EA	60" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	147.29	28.77
08 71 11 00-2516	EA	72" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	163.48	28.77
08 71 11 00-2517	EA	12" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	86.31	28.77
08 71 11 00-2518	EA	18" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	91.39	28.77
08 71 11 00-2519	EA	24" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	106.50	28.77
08 71 11 00-2520	EA	36" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	130.56	28.77
08 71 11 00-2521	EA	48" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	152.07	28.77
08 71 11 00-2522	EA	60" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	187.41	28.77
08 71 11 00-2523	EA	12" Long, 1/2" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	94.77	28.77
08 71 11 00-2524	EA	18" Long, 1/2" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	102.56	28.77
08 71 11 00-2525	EA	Two 18 Gauge Wire, Door Frame To Edge Of Door Electrical Power Transfer	776.70	28.77
08 71 11 00-2526	EA	Ten 24 Gauge Wire, Door Frame To Edge Of Door Electrical Power Transfer	842.14	40.28

08 71 11 00-2527 Magnetic Locks *(08 71 11 00-2299)*

08 71 11 00-2528	EA	Electromagnetic Lock, 500 lb. Holding Force, Stainless Steel (Schlage 40)	870.03	138.11
08 71 11 00-2529	EA	Electromagnetic Lock, 500 lb. Holding Force, Stainless Steel (Schlage 40TJ)	1,049.30	155.38
08 71 11 00-2530	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Stainless Steel (Schlage 70)	1,029.88	138.11
08 71 11 00-2531	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Stainless Steel (Schlage 70TJ)	1,208.83	155.38
08 71 11 00-2532	EA	Electromagnetic Lock, 500 lb. Holding Force, Aluminum (Schlage M420)	1,075.21	149.62
08 71 11 00-2533	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Aluminum (Schlage M450)	1,184.84	149.62
08 71 11 00-2534	EA	Electromagnetic Lock, 1,500 Lb. Holding Force, Aluminum (Schlage M490)	1,270.19	149.62
08 71 11 00-2535	EA	Electromagnetic Lock, 500 lb. Holding Force, Aluminum (Schlage M420P) Note: Includes magnetic bond sensor, door position switch and relock time delay.	1,391.07	172.64
08 71 11 00-2536	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Aluminum (Schlage M450P) Note: Includes magnetic bond sensor, door position switch and relock time delay.	1,536.81	172.64
08 71 11 00-2537	EA	Electromagnetic Lock, 1,500 Lb. Holding Force, Aluminum (Schlage M490P) Note: Includes magnetic bond sensor, door position switch and relock time delay.	1,602.46	172.64
08 71 11 00-2538	EA	2 Amperes Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS902)	476.98	57.54
08 71 11 00-2539	EA	4 Amperes Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS904)	804.40	57.54
08 71 11 00-2540	EA	6 Amperes Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS906)	974.57	57.54

08 71 11 00-2541 Door Coordinators *(08 71 11)*

08 71 11 00-2542	EA	32" Satin Chrome Finish, Door Coordinator (Ives COR 32" Series) Note: Satin chrome finish. Includes two mounting brackets.	506.37	35.97
		For Anodized Aluminum Finish, Deduct	*-145.00*	
08 71 11 00-2543	EA	42" Satin Chrome Finish, Door Coordinator (Ives COR 42" Series) Note: Satin chrome finish. Includes two mounting brackets.	531.94	37.41
		For Anodized Aluminum Finish, Deduct	*-152.93*	
08 71 11 00-2544	EA	52" Satin Chrome Finish, Door Coordinator (Ives COR 52" Series) Note: Satin chrome finish. Includes two mounting brackets.	544.38	38.84
		For Anodized Aluminum Finish, Deduct	*-155.60*	
08 71 11 00-2545	EA	60" Satin Chrome Finish, Door Coordinator (Ives COR 60" Series) Note: Satin chrome finish. Includes two mounting brackets.	568.16	40.28
		For Anodized Aluminum Finish, Deduct	*-162.81*	
08 71 11 00-2546	EA	72" Satin Chrome Finish, Door Coordinator (Ives COR 72" Series) Note: Satin chrome finish. Includes two mounting brackets.	609.70	41.72
		For Anodized Aluminum Finish, Deduct	*-177.13*	
08 71 11 00-2547	EA	Up To 20", Satin Chrome Finish, Filler Bar For Door Coordinator (Ives FL 20")	118.03	11.51
		For Anodized Aluminum Finish, Deduct	*-28.80*	
08 71 11 00-2548	EA	Up To 32", Satin Chrome Finish, Filler Bar For Door Coordinator (Ives FL 32")	129.89	12.95
		For Anodized Aluminum Finish, Deduct	*-31.24*	
08 71 11 00-2549	EA	Up To 44", Satin Chrome Finish, Filler Bar For Door Coordinator (Ives FL 44")	149.42	14.39
		For Anodized Aluminum Finish, Deduct	*-36.75*	
08 71 11 00-2550	EA	Satin Chrome Finish, Carry Bar For Door Coordinator (Ives CB1)	108.72	14.39
08 71 11 00-2551	EA	7" Projection COR Series Gravity Type Door Coordinator	160.57	21.58
		For Anodized Aluminum Finish, Deduct	*-29.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2552	EA	9" Projection COR Series Gravity Type Door Coordinator	172.45	21.58
		For Anodized Aluminum Finish, Deduct	*-34.45*	

08 71 11 00-2553 Removal And Reinstallation Of Door Hardware *(08 71 11)*

Note: Includes storage and cleaning. Excludes removal of door where required. See CSI section 08 05 13 00-0050 for removal and reinstallation of door.

08 71 11 00-2554	EA	Removal And Reinstallation Of Door Lockset, Entrance	86.32	
08 71 11 00-2555	EA	Removal And Reinstallation Of Door Lockset, Mortise	138.10	
08 71 11 00-2556	EA	Removal And Reinstallation Of Deadbolt Lock	92.08	
08 71 11 00-2557	PR	Removal And Reinstallation Of Butts/Hinges	23.01	
08 71 11 00-2558	EA	Removal And Reinstallation Of Door Bumper	8.05	
08 71 11 00-2559	EA	Removal And Reinstallation Of Surface Mounted Panic Device	230.19	
08 71 11 00-2560	EA	Removal And Reinstallation Of Kick Plate	28.77	
08 71 11 00-2561	EA	Removal And Reinstallation Of Push Plate	23.01	
08 71 11 00-2562	EA	Removal And Reinstallation Of Surface Mounted Door Closer Or Holder	115.09	
08 71 11 00-2563	EA	Removal And Reinstallation Of Door Handles	17.27	

08 71 11 00-2564 Electromagnetic Door Release *(08 71 11)*

08 71 11 00-2565	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Wall Mount, Surface Wiring, Electro-Magnetic Door Release	618.96	72.50
08 71 11 00-2566	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Wall Mount, Recessed Wiring, Electro-Magnetic Door Release	602.88	72.50
08 71 11 00-2567	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Adjustable, Wall Mount, Recessed Wiring, Electro-Magnetic Door Release	683.95	72.50
08 71 11 00-2568	EA	24 Volt AC/DC, High Hold, Wall Mount, Surface Or Recessed Wiring, Electro-Magnetic Door Release	1,162.53	72.50
08 71 11 00-2569	EA	24 Volt DC, Sliding Door, Electro-Magnetic Door Release	1,119.86	72.50
08 71 11 00-2570	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Overhead Door, Electro-Magnetic Door Release	1,119.86	72.50
08 71 11 00-2571	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Floor Mount, Single Door, Electro-Magnetic Door Release	1,015.48	72.50
08 71 11 00-2572	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Floor Mount, Back-to-Back Door, Electro-Magnetic Door Release	1,279.39	72.50
08 71 11 00-2573	EA	Photo Electric Smoke Detector Suitable For Door Holder Release	1,209.07	72.50
08 71 11 00-2574	EA	Ionization Type Smoke Detector Suitable For Door Holder Release	1,506.16	72.50
08 71 11 00-2575	EA	Surface Wall Mount, Electromagnetic Door Holder (Sargent 1560) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	699.21	72.50
08 71 11 00-2576	EA	Flush Mount, Electromagnetic Door Holder (Sargent 1561) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	686.74	72.50
08 71 11 00-2577	EA	Floor Mount, Electromagnetic Door Holder (LCN SEM7820) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	1,076.52	72.50
08 71 11 00-2578	EA	Surface Wall Mount, Electromagnetic Door Holder (LCN SEM7830) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	739.07	72.50
08 71 11 00-2579	EA	Low Profile Recessed Wall Mount, Electromagnetic Door Holder (LCN SEM7840) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	739.07	72.50
08 71 11 00-2580	EA	Recessed Wall Mount, Electromagnetic Door Holder (LCN SEM7850) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	739.07	72.50

08 71 13 Automatic Door Operators *(08 71)*

08 71 13 00-0001 Automatic Door Operators (LCN) *(08 71 13)*

08 71 13 00-0002	EA	Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Door Operator With Pull Arm (LCN 9531) Note: Opens doors automatically for wheelchair access, and allows for manual operation for regular pedestrian traffic.	4,366.90	143.86
08 71 13 00-0003	EA	Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Door Operator With Push Arm (LCN 9542) Note: Opens doors automatically for wheelchair access, and allows for manual operation for regular pedestrian traffic.	4,366.90	143.86

08 71 13 00-0004 Automatic Door Operators (Stanley) *(08 71 13)*

08 71 13 00-0005	EA	Automatic Door Operator, Surface Mount With Key Switch (Stanley D-4990)	4,210.01	143.86
08 71 13 00-0006	EA	6" Round Stainless Steel Actuator (Stanley CL2216)	269.71	
08 71 13 00-0007	EA	Power Supply (Stanley Precision ELR151)	940.78	
08 71 13 00-0008	EA	Low Energy Door Operator, Push Side Mount Application With Standard Arm (Stanley D-4990) Note: Includes control box with conduit access, motor, operator and D-4550 door closer. Excludes electrical connections	3,286.14	115.09
08 71 13 00-0009	EA	Door Operator Free Standing Push Plate Post (Stanley CL2247) Note: Includes mounting post only	517.95	76.76
08 71 13 00-0010	EA	Dual Vestibule Push Plate Door Operator (Stanley CL2388) Note: Includes 4-3/4" Dual Vestibule Push Plate and electrical connection. Excludes junction Box	358.17	43.68
08 71 13 00-0011	EA	Jamb Mount, Push Plate Door Operator (Stanley CL2055) Note: Includes 4-3/4" Jamb Mount Push Plate and Electrical Connections. Excludes junction Box	225.54	43.68
08 71 13 00-0012	EA	Touchless Plate Door Operator (Stanley CL2025) Note: Includes Touchless Plate and Electrical Connection. Excludes junction Box	353.62	43.68
08 71 13 00-0013	EA	Door Operator Push Plate Assembly (Stanley CL4976) Note: Includes 2 Push Plates, 2 Surface Boxes, 2 Transmitters and 1 Receiver	1,195.38	65.58

08 71 13 00-0014 Miscellaneous Devices *(08 71 13)*

08 71 13 00-0015	EA	Electric Power Transformer For Magnetic Monitor Switches (Von Duprin EPT-2)	623.53	43.16
08 71 13 00-0016	EA	Magnetic Monitor Switch, SS Finish (Von Duprin MS 764)	180.26	25.89
08 71 13 00-0017	EA	24 Volt AC, 3 Amperes, Transformer (Von Duprin PT 750)	231.65	25.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 13 00-0018	EA	Automatic Door Bottoms, Fully Mortise Cam Bottom Type To Fit 1-1/2" x 3/4" Mortise Channel At Door Bottom (National Guard Products 320S)	125.70	25.89

08 71 53 Security Door Hardware *(08 71)*

08 71 53 00-0001 Door Exit Alarm Hardware *(08 71 53)*

08 71 53 00-0002	EA	Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-500)	399.77	43.16
08 71 53 00-0003	EA	Weatherized Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-500W)	558.18	43.16
08 71 53 00-0004	EA	Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-300) Note: Door propped alarm for applications where doors may be used for egress or ingress, but may not be held or propped open. Door open times from 1 second to 4 minutes (15 second default) are field selectable.	467.44	43.16
08 71 53 00-0005	EA	Weatherized Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-300W) Note: Door propped alarm for applications where doors may be used for egress or ingress, but may not be held or propped open. Door open times from 1 second to 4 minutes (15 second default) are field selectable.	607.54	43.16
08 71 53 00-0006	EA	Wall Mount Exit Alarm, Audible Alarm, AC/DC (Detex EAX-2500)	703.57	57.54
08 71 53 00-0007	EA	Surface Mounted Magnetic Switch (Detex MS-1039S or MS-1059S) Note: For use with Detex EAX exit alarms.	122.75	57.54

08 72 Weatherstripping, Thresholds and Seals *(08 70)*

08 72 33 Weatherstripping and Seals *(08 72)*

08 72 33 00-0001 Weather-Stripping And Seals *(08 72 33)*

08 72 33 00-0002 Astragals *(08 72 33 00-0001)*

Note: Astragal and meeting stile seals are used to seal the gap between a pair of doors.

08 72 33 00-0003 Adhesive Backed Astragals *(08 72 33 00-0002)*

08 72 33 00-0004	LF	7/16" Width, 9/32" Height, Edge Mount, Single Fin, Adhesive Backed Flexible Astragal (Pemko S771)	4.72	0.87
08 72 33 00-0005	LF	1/2" Width, 3/16" Height, Edge Mount, Double Fin, Adhesive Backed Flexible Astragal (Pemko S772)	5.26	0.87
08 72 33 00-0006	LF	1-1/8" Width, 3/16" Height, Mullion Mount, Adhesive Backed Mullion Gasketing (Pemko 5110)	4.04	0.87

08 72 33 00-0007 Overlapping Astragals *(08 72 33 00-0002)*

08 72 33 00-0008 Aluminum, Overlapping Astragals *(08 72 33 00-0007)*

08 72 33 00-0009	LF	2" Width, 1/8" Height, Clear Anodized Aluminum, Overlapping Astragal (Pemko 357C)	19.07	5.17
		For Color Anodized Finish, Add	*2.65*	

08 72 33 00-0010 Stainless Steel, Overlapping Astragals *(08 72 33 00-0007)*

08 72 33 00-0011	LF	2" Width, 1/8" Height, Stainless Steel, Overlapping Astragal (Pemko 357SS)	37.92	5.17

08 72 33 00-0012 "T" Astragals *(08 72 33 00-0002)*

08 72 33 00-0013 Aluminum, "T" Astragals *(08 72 33 00-0012)*

08 72 33 00-0014	LF	1" Width, 11/16" Height, Mill Aluminum, "T" Astragal (Pemko 359A)	12.61	5.17
		For Color Anodized Finish, Add	*0.83*	
08 72 33 00-0015	LF	Vinyl Insert, 3/4" Width, 1/4" Height, Mill Aluminum, "T" Astragal (Pemko 356AV)	15.71	5.17
		For Color Anodized Finish, Add	*1.10*	
08 72 33 00-0016	LF	Vinyl Or Pile Insert, 1-3/8" Width, 1/4" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 355CP)	16.20	5.17
		For Color Anodized Finish, Add	*2.09*	
		For Silicone Insert, Add	*0.63*	
08 72 33 00-0017	LF	Neoprene Sponge Insert, 1-1/8" Width, 1/2" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 352CR)	29.48	5.17
		For Color Anodized Finish, Add	*6.74*	

08 72 33 00-0018 Brass/Bronze, "T" Astragals *(08 72 33 00-0012)*

08 72 33 00-0019	LF	Vinyl Or Pile Insert, 1-3/8" Width, 1/4" Height, Brass/Bronze, "T" Astragal (Pemko 355BP)	38.64	5.17
		For Silicone Insert, Add	*0.63*	

08 72 33 00-0020 Locking Astragals *(08 72 33 00-0002)*

08 72 33 00-0021 Outswing Locking Astragals *(08 72 33 00-0020)*

Note: Includes two units. A housing containing the locking bolt which fastens to the inactive leaf and a "T" astragal with a seal that fastens to the active leaf.

08 72 33 00-0022 Aluminum, Outswing Locking Astragals *(08 72 33 00-0021)*

08 72 33 00-0023	LF	Slide Bolt, 1-1/4" Width, 3/8" Height, Clear Anodized Aluminum, Slimline Style, Outswing Locking Astragal (Pemko 3443CS) Note: Includes pile seal at inner door edge and neoprene bottom seal.	39.25	5.17
		For Color Anodized Finish, Add	*5.80*	
08 72 33 00-0024	LF	Locking Spring-Bolt, 1-1/4" Width, 3/8" Height, Clear Anodized Aluminum, Slimline Style, Outswing Locking Astragal (Pemko 3444CS) Note: Includes pile seal at inner door edge and neoprene bottom seal.	45.47	5.17
		For Color Anodized Finish, Add	*7.05*	
08 72 33 00-0025	LF	Slide Bolt, 1-13/32" Width, 11/16" Height, Gold Anodized Aluminum, Colonial Style, Outswing Locking Astragal (Pemko 3445BDQ) Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.	43.97	5.17
		For Thermal Break, Add	*2.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0026	LF	Locking Spring-Bolt, 1-13/32" Width, 11/16" Height, Gold Anodized Aluminum, Colonial Style, Outswing Locking Astragal (Pemko 3446BDGQ)	49.02	5.17
		Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
		For Thermal Break, Add	*2.33*	
08 72 33 00-0027		**Inswing Locking Astragals** *(08 72 33 00-0020)*		
		Note: Includes one unit containing the locking bolt and astragal with seal, which fastens to the inactive leaf.		
08 72 33 00-0028		**Wood, Inswing Locking Astragals** *(08 72 33 00-0027)*		
08 72 33 00-0029	LF	Flush Bolt, 1-1/4" Width, 1/2" Height, Wood, Inswing Locking Astragal (Pemko 34832)	45.86	5.17
08 72 33 00-0030	LF	Flush Bolt, 1-1/4" Width, 1-3/16" Height, Wood, Inswing Locking Astragal (Pemko 3481Q)	45.63	5.17
		Note: Includes kerf-in foam seal.		
08 72 33 00-0031		**Aluminum, Inswing Locking Astragals** *(08 72 33 00-0027)*		
08 72 33 00-0032	LF	Slide Bolt, 1-3/8" Width, 9/32" Height, Clear Anodized Aluminum, Slimline Style, Inswing Locking Astragal (Pemko 3493CV)	26.21	5.17
		Note: Includes pile seal at inner door edge and neoprene bottom seal.		
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*3.20*	
08 72 33 00-0033	LF	Locking Spring-Bolt, 1-3/8" Width, 9/32" Height, Clear Anodized Aluminum, Slimline Style, Inswing Locking Astragal (Pemko 3494CV)	31.41	5.17
		Note: Includes pile seal at inner door edge and neoprene bottom seal.		
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*4.24*	
08 72 33 00-0034	LF	Slide Bolt, 1-13/32" Width, 3/4" Height, Clear Anodized Aluminum, Colonial Style, Inswing Locking Astragal (Pemko 3495CQ)	28.18	5.17
		Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
		For Magnetic Kerf-In Insert, Add	*0.47*	
		For Color Anodized Finish, Add	*3.59*	
08 72 33 00-0035	LF	Locking Spring-Bolt, 1-13/32" Width, 3/4" Height, Clear Anodized Aluminum, Colonial Style, Inswing Locking Astragal (Pemko 3496CQ)	33.33	5.17
		Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
		For Magnetic Kerf-In Insert, Add	*0.47*	
		For Color Anodized Finish, Add	*4.62*	
08 72 33 00-0036		**Security Astragals** *(08 72 33 00-0002)*		
08 72 33 00-0037	LF	Vinyl Seal, 1/2" Thick Cam, 1-3/4" Width, Clear Anodized Aluminum, Security Astragal (Pemko 378C)	24.48	5.17
		For Color Anodized Finish, Add	*14.25*	
08 72 33 00-0038	LF	2-1/4" Width, 10 Gauge Galvanized Steel, Offset Security Bar, Security Astragal (Pemko 3572SP)	40.85	5.17
08 72 33 00-0039		**Meeting Stile Astragals** *(08 72 33 00-0002)*		
08 72 33 00-0040		**One Piece, Meeting Stile Astragals** *(08 72 33 00-0039)*		
		Note: Includes an astragal for one door only.		
08 72 33 00-0041	LF	1/4" Vinyl Or Pile Insert, 5/32" Width, 13/32" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 369AP)	15.53	5.17
		For Color Anodized Finish, Add	*1.59*	
08 72 33 00-0042	LF	1/4" Neoprene Loop Insert, 7/16" Width, 3/4" Height, Surface/Mortise Mount, Mill Aluminum, One Piece, Meeting Stile Astragal (Pemko 313AN)	24.21	7.71
		For Color Anodized Finish, Add	*3.54*	
08 72 33 00-0043	LF	9/16" Neoprene Loop Insert, 3/4" Width, 1-3/8" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 314CN)	31.90	7.71
		For Color Anodized Finish, Add	*1.65*	
08 72 33 00-0044	LF	15/16" Neoprene Loop Insert, 1-1/8" Width, 1-3/4" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 358CN)	32.88	7.71
		For Color Anodized Finish, Add	*4.38*	
08 72 33 00-0045	LF	1/8" Width, 1-1/2" Height, Side Mount, Spring Bronze, One Piece, Meeting Stile Astragal (Pemko B71)	28.18	7.71
08 72 33 00-0046		**Two Piece, Meeting Stile Split Astragals** *(08 72 33 00-0039)*		
		Note: Includes one astragal for each door.		
08 72 33 00-0047	LF	1/4" Vinyl Insert, 13/16" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 297AV)	19.44	7.71
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*4.07*	
08 72 33 00-0048	LF	1/4" Vinyl Insert, 11/16" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 316AV)	19.44	7.71
		For Color Anodized Finish, Add	*4.07*	
08 72 33 00-0049	LF	1/4" Vinyl Insert, 7/8" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 303AV)	19.44	7.71
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*4.07*	
08 72 33 00-0050	LF	3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 305CN)	30.22	7.71
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*2.97*	
08 72 33 00-0051	LF	3/8" Brush Insert, 3/4" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 18041CNB)	24.91	7.71
		For Color Anodized Finish, Add	*3.82*	

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08 72 33 00-0052	LF	5/8" Brush Insert, 3/4" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 18061CNB)	25.62	7.71
		For Color Anodized Finish, Add	*4.10*	
08 72 33 00-0053	LF	3/16" Vinyl Or Pile Insert, 3/4" Width, 3/8" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29310CV)	30.92	7.71
		For Color Anodized Finish, Add	*7.78*	
		For Silicone Insert, Add	*0.95*	
08 72 33 00-0054	LF	3/8" Brush Insert, 7/8" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29324CNB)	31.63	7.71
		For Color Anodized Finish, Add	*6.50*	
08 72 33 00-0055	LF	5/8" Brush Insert, 7/8" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29326CNB)	32.34	7.71
		For Color Anodized Finish, Add	*6.79*	

08 72 33 00-0056 Two Piece, Adjustable Meeting Stile Split Astragals *(08 72 33 00-0039)*

Note: Includes one astragal for each door.

08 72 33 00-0057 Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals *(08 72 33 00-0056)*

08 72 33 00-0058	LF	3/8" Vinyl Or Pile Insert, 21/32" Width, 9/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 354CP)	57.44	7.71
		For Color Anodized Finish, Add	*10.52*	
		For Silicone Insert, Add	*0.63*	
08 72 33 00-0059	LF	3/8" Vinyl Or Pile Insert, 1" Width, 9/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 351CP)	58.55	7.71
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*8.64*	

08 72 33 00-0060 Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals *(08 72 33 00-0056)*

08 72 33 00-0061	LF	3/8" Vinyl Or Pile Insert, 21/32" Width, 9/16" Height, Mortise Mount, Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 354BP)	111.59	7.71
		For Silicone Insert, Add	*0.63*	
08 72 33 00-0062	LF	3/8" Vinyl Or Pile Insert, 1" Width, 9/16" Height, Face Mount, Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 351BP)	104.86	7.71
		For Silicone Insert, Add	*0.63*	

08 72 33 00-0063 Door Sweeps *(08 72 33 00-0001)*

08 72 33 00-0064 Tack On Door Sweeps *(08 72 33 00-0063)*

08 72 33 00-0065	LF	For Sealing Up To 3/4" Gap, Side Mount, Vinyl Tack On Door Sweep (Pemko V365)	7.00	2.88
08 72 33 00-0066	LF	For Sealing Up To 5/8" Gap, Bottom Mount, Rubber Tack On Door Sweep (Pemko R364)	7.11	2.88
08 72 33 00-0067	LF	For Sealing Up To 1-3/8" Gap, Bottom Mount, Vinyl Tack On Door Sweep (Pemko P361V)	7.42	2.88

08 72 33 00-0068 Aluminum Retainer Door Sweeps *(08 72 33 00-0063)*

08 72 33 00-0069 35 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0068)*

Note: The retainer mounts to the door face with the sweep positioned 35 degrees from the door. Includes clear anodized finish.

08 72 33 00-0070	LF	5/16" Brush Insert, 35 Degree, Aluminum Retainer Door Sweep (Pemko 35041CNB)	16.63	5.76
		For Color Anodized Finish, Add	*2.05*	
08 72 33 00-0071	LF	1/2" Brush Insert, 35 Degree, Aluminum Retainer Door Sweep (Pemko 35061CNB)	17.16	5.76
		For Color Anodized Finish, Add	*1.98*	

08 72 33 00-0072 45 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0068)*

Note: The retainer mounts to the door face with the sweep positioned 45-degrees from the door. Includes clear anodized finish.

08 72 33 00-0073	LF	1-3/4" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45175CNB)	25.64	5.76
		For Color Anodized Finish, Add	*5.66*	
08 72 33 00-0074	LF	2-1/2" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45250CNB)	27.76	5.76
		For Color Anodized Finish, Add	*6.50*	
08 72 33 00-0075	LF	4" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45400CNB)	32.36	5.76
		For Color Anodized Finish, Add	*8.34*	

08 72 33 00-0076 90 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0068)*

Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold. Includes clear anodized finish.

08 72 33 00-0077	LF	3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90041CNB)	18.39	5.76
		For Color Anodized Finish, Add	*0.69*	
08 72 33 00-0078	LF	5/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90062CNB)	18.22	5.76
		For Color Anodized Finish, Add	*0.67*	
08 72 33 00-0079	LF	1" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90100CNB)	19.45	5.76
		For Color Anodized Finish, Add	*2.78*	
08 72 33 00-0080	LF	1-3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90137CNB)	19.98	5.76
		For Color Anodized Finish, Add	*3.39*	
08 72 33 00-0081	LF	7/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 315CN)	17.86	5.76
		For Color Anodized Finish, Add	*1.59*	
08 72 33 00-0082	LF	11/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 368CN)	22.81	5.76
		For Color Anodized Finish, Add	*2.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0083	LF	15/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 321CN)	18.92	5.76
		For Color Anodized Finish, Add	*1.48*	
08 72 33 00-0084	LF	9/16" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 308AV) Note: Includes mill finish.	14.28	5.76
		For Color Anodized Finish, Add	*1.39*	
08 72 33 00-0085	LF	1" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 307AV) Note: Includes mill finish.	14.42	5.76
		For Color Anodized Finish, Add	*1.46*	
08 72 33 00-0086	LF	1-9/16" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 56AV) Note: Includes mill finish.	15.92	5.76
		For Color Anodized Finish, Add	*1.55*	
08 72 33 00-0087		**180 Degree, Aluminum Retainer Door Sweeps** *(08 72 33 00-0068)* Note: The retainer mounts to the door face with the sweep positioned perpendicular to the threshold. Includes clear anodized finish.		
08 72 33 00-0088		**180 Degree, Aluminum Retainer Door Sweeps** *(08 72 33 00-0087)*		
08 72 33 00-0089	LF	3/8" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18041CNB)	16.27	5.76
		For Color Anodized Finish, Add	*1.91*	
08 72 33 00-0090	LF	5/8" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18061CNB)	16.63	5.76
		For Color Anodized Finish, Add	*2.05*	
08 72 33 00-0091	LF	1" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18100CNB)	19.45	5.76
		For Color Anodized Finish, Add	*2.78*	
08 72 33 00-0092		**180 Degree, Concealed Fastener, Aluminum Retainer Door Sweeps** *(08 72 33 00-0087)*		
08 72 33 00-0093	LF	3/8" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 29324CNB)	19.63	5.76
		For Color Anodized Finish, Add	*3.25*	
08 72 33 00-0094	LF	5/8" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 29326CNB)	19.98	5.76
		For Color Anodized Finish, Add	*3.39*	
08 72 33 00-0095	LF	1" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 293100CNB)	21.47	5.76
		For Color Anodized Finish, Add	*3.99*	
08 72 33 00-0096		**Mortised, Aluminum Retainer Door Sweeps** *(08 72 33 00-0068)* Note: The retainer is mortised into the door bottom with the sweep positioned perpendicular to the threshold. Includes mill finish. Excludes mortising.		
08 72 33 00-0097	LF	1/4" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5025ASB)	14.68	5.76
08 72 33 00-0098	LF	13/32" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5041ANB)	14.68	5.76
08 72 33 00-0099	LF	5/8" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5061ANB)	14.86	5.76
08 72 33 00-0100		**Aluminum Retainer Door Sweeps With Rain Drip** *(08 72 33 00-0063)*		
08 72 33 00-0101		**90 Degree, Aluminum Retainer Door Sweeps With Rain Drip** *(08 72 33 00-0100)* Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold. Includes mill finish.		
08 72 33 00-0102	LF	1/4" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 3452AV)	14.33	5.76
		For Color Anodized Finish, Add	*1.98*	
08 72 33 00-0103	LF	1/2" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 345AV)	16.63	5.76
		For Color Anodized Finish, Add	*2.05*	
08 72 33 00-0104	LF	3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip (Pemko 3452CNB) Note: Includes clear anodized finish.	18.35	5.76
		For Color Anodized Finish, Add	*1.37*	
08 72 33 00-0105	LF	7/16" Brush Insert, 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip (Pemko 345ANB)	18.66	5.76
		For Color Anodized Finish, Add	*1.43*	
08 72 33 00-0106		**Brass/Bronze Retainer Door Sweeps** *(08 72 33 00-0063)*		
08 72 33 00-0107		**90 Degree, Brass/Bronze Retainer Door Sweeps** *(08 72 33 00-0106)* Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold.		
08 72 33 00-0108	LF	7/16" Neoprene Insert, 90 Degree, Brass/Bronze Retainer Door Sweep (Pemko 315BN)	22.10	5.76
08 72 33 00-0109		**Oak Retainer Door Sweeps** *(08 72 33 00-0063)*		
08 72 33 00-0110		**90 Degree, Oak Retainer Door Sweeps** *(08 72 33 00-0109)* Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold.		
08 72 33 00-0111	LF	9/16" Brush Insert, 90 Degree, Oak Retainer Door Sweep (Pemko 18062WNB)	18.04	5.76
08 72 33 00-0112	LF	15/16" Brush Insert, 90 Degree, Oak Retainer Door Sweep (Pemko 18100WNB)	20.83	5.76
08 72 33 00-0113		**Door Shoes And Bottoms** *(08 72 33 00-0001)*		
08 72 33 00-0114		**Door Shoes** *(08 72 33 00-0113)*		
08 72 33 00-0115		**Aluminum Retainer Door Shoes** *(08 72 33 00-0114)*		
08 72 33 00-0116		**Bottom Mount, Aluminum Retainer Door Shoes** *(08 72 33 00-0115)*		
08 72 33 00-0117	LF	Vinyl Insert, 1-3/16" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 234AV)	15.74	5.76
		For Color Anodized Finish, Add	*1.70*	
		For Thermo-Plastic Elastomer Insert, Add	*0.68*	

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08 72 33 00-0118	LF	Vinyl Insert, 1-3/8" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 209AV)	16.27	5.76
		For Color Anodized Finish, Add	*1.91*	
08 72 33 00-0119	LF	Notched Vinyl Insert, 1-3/16" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 2343AV)	21.40	5.76
		For Color Anodized Finish, Add	*1.98*	
08 72 33 00-0120		**Side Mount, Aluminum Retainer Door Shoes** *(08 72 33 00-0115)*		
08 72 33 00-0121	LF	Vinyl Insert, 1-3/4" Width, Side Mount, Aluminum Retainers Door Shoe (Pemko 318AV)	18.04	5.76
		For Color Anodized Finish, Add	*2.62*	
		For Thermo-Plastic Elastomer Insert, Add	*0.68*	
08 72 33 00-0122		**L Or U Shaped, Aluminum Retainer Door Shoes** *(08 72 33 00-0115)*		
08 72 33 00-0123	LF	1-1/4" Width, L-Shaped, Aluminum Retainer Door Shoe With Vinyl Insert (Pemko 211AV)	16.63	5.76
		For Color Anodized Finish, Add	*2.57*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0124	LF	1-3/8" Width, U-Shaped, Aluminum Retainer Door Shoe With Vinyl Insert (Pemko 220AV)	17.69	5.76
		For Color Anodized Finish, Add	*2.48*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0125	LF	1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe With Vinyl Insert (Pemko 217AV)	18.04	5.76
		For Color Anodized Finish, Add	*2.62*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0126	LF	1-5/16" Width, L-Shaped, Aluminum Retainer Door Shoe With Notched Vinyl Insert (Pemko 2113AV)	25.23	5.76
		For Color Anodized Finish, Add	*2.75*	
08 72 33 00-0127	LF	1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe With Notched Vinyl Insert (Pemko 2173AV)	25.58	5.76
		For Color Anodized Finish, Add	*2.82*	
08 72 33 00-0128		**L Or U Shaped With Rain Drip, Aluminum Retainer Door Shoes** *(08 72 33 00-0115)*		
08 72 33 00-0129	LF	Vinyl Insert, 1-1/4" Width, L-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 210AV)	16.98	5.76
		For Color Anodized Finish, Add	*2.74*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0130	LF	Vinyl Insert, 1-3/8" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 215AV)	18.04	5.76
		For Color Anodized Finish, Add	*2.62*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0131	LF	Vinyl Insert, 1-3/4" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 216AV)	18.22	5.76
		For Color Anodized Finish, Add	*2.69*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0132		**Vinyl Door Shoes** *(08 72 33 00-0114)*		
08 72 33 00-0133	LF	1-3/4" Width, L-Shaped, Vinyl Door Shoe (Pemko V80)	20.44	5.76
08 72 33 00-0134	LF	1-3/4" Width, U-Shaped, Vinyl Door Shoe (Pemko 2170DV)	24.46	5.76
08 72 33 00-0135		**Door Bottoms** *(08 72 33 00-0113)*		
08 72 33 00-0136		**Automatic Door Bottoms** *(08 72 33 00-0135)*		
08 72 33 00-0137		**Aluminum Automatic Door Bottoms** *(08 72 33 00-0136)*		
08 72 33 00-0138	LF	Sponge Neoprene Insert, 9/16" Width, 1-7/8" Height, Surface/Mortise Mount, Aluminum Retainer, Automatic Door Bottom (Pemko 4131CRL)	34.78	5.76
		For Color Anodized Finish, Add	*4.66*	
08 72 33 00-0139	LF	Sponge Neoprene Insert, 31/32" Width, 2-1/8" Height, Surface/Mortise Mount, Aluminum Retainer, Automatic Door Bottom (Pemko 4301CRL)	49.35	5.76
		For Color Anodized Finish, Add	*7.57*	
08 72 33 00-0140		**Door Top Protection** *(08 72 33 00-0001)*		
08 72 33 00-0141	LF	Aluminum, Door Top Cover For 1-3/8" Wood Doors (Pemko PA343)	13.08	4.60
		For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add	*1.06*	
08 72 33 00-0142	LF	Aluminum, Door Top Cover For 1-3/4" Wood Doors (Pemko PA344)	13.08	4.60
		For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add	*1.06*	
08 72 33 00-0143	LF	2-1/2" Aluminum Overhead Rain Drip With Slotted Holes (Pemko 346C)	18.33	4.60
		For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add	*2.50*	
08 72 33 00-0144	EA	For 20 Oz Copper Drip Cap For Exterior Door	66.33	
08 72 33 00-0145		**Perimeter Gasketing Weather-Strip** *(08 72 33 00-0001)*		
		Note: Perimeter gasketing is used to seal the gap around the top and the two sides of a door assembly.		
08 72 33 00-0146		**Adhesive Backed Perimeter Gasketing Weather-Strip** *(08 72 33 00-0145)*		
08 72 33 00-0147	LF	3/8" x 3/16", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko PK33)	4.13	2.88
		For Intumescent Seal, Add	*1.50*	
08 72 33 00-0148	LF	1/2" x 3/16", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko PK55)	4.18	2.88
		For Intumescent Seal, Add	*1.50*	
08 72 33 00-0149	LF	1/2" x 1/4", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S88)	6.12	2.88
08 72 33 00-0150	LF	7/16" x 5/16", Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S44)	4.51	2.88
08 72 33 00-0151	LF	5/16" x 1/2", Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S77)	5.88	2.88
		For Intumescent Seal, Add	*1.50*	
08 72 33 00-0152	LF	1/2" x 3/8", Silicone Triple Fin, Hospitality, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S773)	5.47	2.88
		For Intumescent Seal, Add	*1.50*	

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08 72 33 00-0153	LF	7/16" x 5/16", Intumescent And Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko HSS2000xS44)	7.17	2.88
08 72 33 00-0154	LF	1/2" x 1/4", Intumescent And Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko HSS2000xS88)	6.64	2.88
08 72 33 00-0155		**Kerf-In Perimeter Gasketing Weather-Strip** *(08 72 33 00-0145)*		
08 72 33 00-0156	LF	3/8" x 1/4" Silicone Bulb, Kerf-In Perimeter Gasketing Weather-Strip (Pemko P50)	3.70	2.88
08 72 33 00-0157	LF	7/16" x 3/8" Silicone Bulb, Kerf-In Perimeter Gasketing Weather-Strip (Pemko S52)	5.43	2.88
08 72 33 00-0158	LF	3/8" Foam, Kerf-In Perimeter Gasketing Weather-Strip (Pemko Q103)	4.12	2.88
08 72 33 00-0159	LF	5/8" Foam, Kerf-In Perimeter Gasketing Weather-Strip (Pemko Q102)	4.07	2.88
08 72 33 00-0160	LF	3/8" Magnetic, Kerf-In Perimeter Gasketing Weather-Strip (Pemko MAG349)	5.25	2.88
08 72 33 00-0161		**Cushion/Spring Perimeter Gasketing Weather-Strip** *(08 72 33 00-0145)*		
08 72 33 00-0162		**Spring Bronze Perimeter Gasketing Weather-Strip** *(08 72 33 00-0161)*		
08 72 33 00-0163	LF	1-1/8" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70C)	7.60	2.88
08 72 33 00-0164	LF	1-1/4" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70D)	7.60	2.88
08 72 33 00-0165	LF	1-3/8" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70E)	7.97	2.88
08 72 33 00-0166	LF	1-1/2" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70F)	8.04	2.88
08 72 33 00-0167		**Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip** *(08 72 33 00-0161)*		
08 72 33 00-0168	LF	5/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B73)	7.40	2.88
08 72 33 00-0169	LF	7/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B74)	7.97	2.88
08 72 33 00-0170	LF	1-1/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B75)	8.58	2.88
08 72 33 00-0171		**Aluminum Retainer, Perimeter Gasketing Weather-Strip** *(08 72 33 00-0145)*		
08 72 33 00-0172		**Aluminum Retainer, Perimeter Gasketing Weather-Strip** *(08 72 33 00-0171)*		
08 72 33 00-0173	LF	1/4" Vinyl Insert, 13/16" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 297AV)	7.79	2.88
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*2.03*	
08 72 33 00-0174	LF	1/4" Vinyl Insert, 11/16" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 316AV)	7.79	2.88
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*2.03*	
08 72 33 00-0175	LF	1/4" Vinyl Insert, 7/8" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 303AV)	7.79	2.88
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*2.03*	
08 72 33 00-0176	LF	3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 305CN)	13.18	2.88
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*1.48*	
08 72 33 00-0177	LF	3/16" Vinyl Or Pile Insert, 3/4" Width, 3/8" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip With Concealed Fasteners (Pemko 29310CV)	13.54	2.88
		For Color Anodized Finish, Add	*3.89*	
		For Silicone Insert, Add	*0.95*	
08 72 33 00-0178	LF	Neoprene Sponge Insert, 1-5/8" Width, 7/16" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 375CR)	13.54	2.88
		For Color Anodized Finish, Add	*2.72*	
08 72 33 00-0179		**Heavy-Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip** *(08 72 33 00-0171)*		
08 72 33 00-0180		**Standard Jamb, Heavy-Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip** *(08 72 33 00-0179)*		
08 72 33 00-0181	LF	1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Standard Jamb, Heavy-Duty, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 290AV)	12.92	2.88
		For Silicone Insert, Add	*0.95*	
08 72 33 00-0182		**Head Section, Heavy-Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip** *(08 72 33 00-0179)*		
08 72 33 00-0183	LF	1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Head Section, Heavy-Duty, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 2891AV)	14.32	2.88
08 72 33 00-0184		**Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip** *(08 72 33 00-0145)*		
08 72 33 00-0185		**Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip** *(08 72 33 00-0184)*		
08 72 33 00-0186	LF	3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 305BR)	16.79	2.88
		For Silicone Insert, Add	*1.58*	
08 72 33 00-0187	LF	Neoprene Sponge Insert, 1-5/8" Width, 7/16" Height, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 375BR)	26.67	2.88

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08 72 33 00-0188		Heavy-Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0184)*		
08 72 33 00-0189		Standard Jamb, Heavy-Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0188)*		
08 72 33 00-0190	LF	1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Standard Jamb, Heavy-Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 290BV)	23.38	2.88
		For Silicone Insert, Add	*0.63*	
08 72 33 00-0191		Aluminum Interlock, Perimeter Gasketing Weather-Strip *(08 72 33 00-0145)*		
08 72 33 00-0192	LF	Side Mount, Mill Aluminum, Interlock Perimeter Gasketing Weather-Strip (Pemko 335AR, 336A) Note: For weather-stripping latch or hinge side of door. Includes aluminum interlocking devices for door and door frame.	18.82	5.76
		For Color Anodized Finish, Add	*2.93*	
08 72 33 00-0193	LF	Top Mount, Mill Aluminum, Interlock Perimeter Gasketing Weather-Strip (Pemko 347A, 68AR) Note: For weather-stripping the top of doors. Includes rain drip shield and aluminum interlocking devices for door and door frame.	19.44	5.76
		For Color Anodized Finish, Add	*3.18*	
08 72 33 00-0194		Adjustable Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0145)* Note: Seals gaps from 1/16" to 1/4".		
08 72 33 00-0195	LF	Sponge Neoprene Insert, 7/8" Width, 1-3/8" Height, Adjustable, Clear Anodized Aluminum Retainer, Stop Gasketing Weather-Strip (Pemko 350CSR)	23.18	2.88
		For Color Anodized Finish, Add	*3.48*	
08 72 33 00-0196	LF	Sponge Neoprene Insert, 7/8" Width, 1-3/8" Height, Adjustable, Clear Anodized Aluminum Retainer, Jamb Gasketing Weather-Strip (Pemko 350CR)	24.42	2.88
		For Color Anodized Finish, Add	*3.73*	
08 72 43		**Thresholds** *(08 72)*		
08 72 43 00-0001		Thresholds *(08 72 43)* Note: Includes material, fasteners, installation, caulk and sealants.		
08 72 43 00-0002		Metal Thresholds *(08 72 43 00-0001)*		
08 72 43 00-0003		Saddle Thresholds *(08 72 43 00-0002)*		
08 72 43 00-0004		Aluminum Saddle Thresholds *(08 72 43 00-0003)* Note: Includes mill finish.		
08 72 43 00-0005		3/16" Height, Aluminum Saddle Thresholds *(08 72 43 00-0004)*		
08 72 43 00-0006	LF	2-1/4" Width, 3/16" Height, Aluminum Saddle Threshold (Pemko 173A)	29.72	9.21
		For Color Anodized Finish, Add	*2.69*	
08 72 43 00-0007		1/4" Height, Aluminum Saddle Thresholds *(08 72 43 00-0004)*		
08 72 43 00-0008	LF	3" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 151A)	32.72	9.21
		For Color Anodized Finish, Add	*3.89*	
08 72 43 00-0009	LF	4" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 270A)	38.30	11.50
		For Color Anodized Finish, Add	*6.68*	
08 72 43 00-0010	LF	5" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 271A)	41.68	11.50
		For Color Anodized Finish, Add	*6.46*	
08 72 43 00-0011	LF	6" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 272A)	45.73	11.50
		For Color Anodized Finish, Add	*5.94*	
08 72 43 00-0012	LF	7" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 276A)	51.74	11.50
		For Color Anodized Finish, Add	*5.75*	
08 72 43 00-0013	LF	8" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2748A)	62.09	13.81
		For Color Anodized Finish, Add	*6.89*	
08 72 43 00-0014	LF	9" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2749A)	66.16	13.81
		For Color Anodized Finish, Add	*7.91*	
08 72 43 00-0015	LF	10" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2750A)	72.64	13.81
		For Color Anodized Finish, Add	*9.53*	
08 72 43 00-0016		5/16" Height, Aluminum Saddle Thresholds *(08 72 43 00-0004)*		
08 72 43 00-0017	LF	2-1/2" Width, 5/16" Height, Aluminum Saddle Threshold (Pemko 166A)	32.20	9.21
		For Color Anodized Finish, Add	*3.22*	
08 72 43 00-0018		1/2" Height, Aluminum Saddle Thresholds *(08 72 43 00-0004)*		
08 72 43 00-0019	LF	3" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 169A)	32.38	9.21
		For Color Anodized Finish, Add	*4.69*	
08 72 43 00-0020	LF	4" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 170A)	39.72	11.50
		For Color Anodized Finish, Add	*7.67*	
08 72 43 00-0021	LF	5" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 171A)	43.16	11.50
		For Color Anodized Finish, Add	*7.20*	
08 72 43 00-0022	LF	6" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 172A)	46.08	11.50
		For Color Anodized Finish, Add	*6.06*	
08 72 43 00-0023	LF	7" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 176A)	51.74	11.50
		For Color Anodized Finish, Add	*5.75*	

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08 72 43 00-0024	LF	8" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2548A)	64.21	13.81
		For Color Anodized Finish, Add	*10.39*	
08 72 43 00-0025	LF	9" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2549A)	67.93	13.81
		For Color Anodized Finish, Add	*13.36*	
08 72 43 00-0026	LF	10" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2550A)	71.64	13.81
		For Color Anodized Finish, Add	*14.85*	
08 72 43 00-0027		Brass/Bronze Saddle Thresholds *(08 72 43 00-0003)*		
08 72 43 00-0028		3/16" Height, Brass/Bronze Saddle Thresholds *(08 72 43 00-0027)*		
08 72 43 00-0029	LF	2-1/4" Width, 3/16" Height, Brass/Bronze Saddle Threshold (Pemko 173B)	53.01	9.21
08 72 43 00-0030		1/4" Height, Brass/Bronze Saddle Thresholds *(08 72 43 00-0027)*		
08 72 43 00-0031	LF	3" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 151B)	75.95	9.21
08 72 43 00-0032	LF	4" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 270B)	92.28	11.50
08 72 43 00-0033	LF	5" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 271B)	108.17	11.50
08 72 43 00-0034	LF	6" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 272B)	123.61	11.50
08 72 43 00-0035	LF	7" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 276B)	141.25	11.50
08 72 43 00-0036	LF	8" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 274X4B)	180.10	13.81
08 72 43 00-0037		1/2" Height, Brass/Bronze Saddle Thresholds *(08 72 43 00-0027)*		
08 72 43 00-0038	LF	4" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 170B)	99.34	11.50
08 72 43 00-0039	LF	5" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 171B)	116.99	11.50
08 72 43 00-0040	LF	6" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 172B)	134.63	11.50
08 72 43 00-0041	LF	7" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 176B)	156.69	11.50
08 72 43 00-0042	LF	8" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 254X4B)	219.07	13.81
08 72 43 00-0043	LF	10" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 255X5B)	208.95	13.81
08 72 43 00-0044		Stainless Steel Saddle Thresholds *(08 72 43 00-0003)*		
08 72 43 00-0045		1/2" Height, Stainless Steel Saddle Thresholds *(08 72 43 00-0044)*		
08 72 43 00-0046	LF	4" Width, 1/2" Height, Stainless Steel Saddle Threshold (Pemko 175SS)	86.11	11.50
08 72 43 00-0047	LF	5" Width, 1/2" Height, Stainless Steel Saddle Threshold (Pemko 154SS)	90.52	11.50
08 72 43 00-0048		Half Saddle Thresholds *(08 72 43 00-0002)*		
08 72 43 00-0049		Aluminum Half Saddle Thresholds *(08 72 43 00-0048)* Note: Includes mill finish.		
08 72 43 00-0050		3/4" Height, Aluminum Half Saddle Thresholds *(08 72 43 00-0049)*		
08 72 43 00-0051	LF	5" Width, 3/4" Height, Aluminum Half Saddle Threshold (Pemko 1875A)	46.49	11.50
		For Color Anodized Finish, Add	*7.09*	
08 72 43 00-0052	LF	7" Width, 3/4" Height, Aluminum Half Saddle Threshold (Pemko 1877A)	59.34	11.50
		For Color Anodized Finish, Add	*3.06*	
08 72 43 00-0053		Offset Saddle Thresholds *(08 72 43 00-0002)*		
08 72 43 00-0054		Aluminum Offset Saddle Thresholds *(08 72 43 00-0053)* Note: Includes mill finish.		
08 72 43 00-0055		1/2" Height, Aluminum Offset Saddle Thresholds *(08 72 43 00-0054)*		
08 72 43 00-0056	LF	5-1/2" Width, 1/2" Height, 1/4" Offset, Aluminum Offset Saddle Threshold (Pemko 158A)	46.61	11.50
		For Color Anodized Finish, Add	*8.93*	
08 72 43 00-0057	LF	7" Width, 1/2" Height, 1/4" Offset, Aluminum Offset Saddle Threshold (Pemko 2727A)	51.21	11.50
		For Color Anodized Finish, Add	*7.86*	
08 72 43 00-0058		3/4" Height, Aluminum Offset Saddle Thresholds *(08 72 43 00-0054)*		
08 72 43 00-0059	LF	5-1/2" Width, 3/4" Height, 1/2" Offset, Aluminum Offset Saddle Threshold (Pemko 157A)	46.61	11.50
		For Color Anodized Finish, Add	*8.93*	
08 72 43 00-0060		1" Height, Aluminum Offset Saddle Thresholds *(08 72 43 00-0054)*		
08 72 43 00-0061	LF	7" Width, 1" Height, 1/2" Offset, Aluminum Offset Saddle Threshold (Pemko 182A)	52.97	11.50
		For Color Anodized Finish, Add	*8.47*	
08 72 43 00-0062		Modular Ramp Thresholds *(08 72 43 00-0001)* Note: Includes mill finish.		
08 72 43 00-0063		Flush, Aluminum Modular Ramp Thresholds *(08 72 43 00-0062)*		
08 72 43 00-0064	LF	6-1/8" Length, 1/2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R.5FA)	48.61	11.50
		For Non-Slip Surfacing, Add	*76.83*	
08 72 43 00-0065	LF	9-1/4" Length, 3/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R.75FA)	60.38	12.66
		For Non-Slip Surfacing, Add	*98.20*	
08 72 43 00-0066	LF	12-3/8" Length, 1" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1FA)	76.47	14.38
		For Non-Slip Surfacing, Add	*133.59*	

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08 72 43 00-0067	LF	15-1/2" Length, 1-1/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.25FA)	96.60	14.95
		For Non-Slip Surfacing, Add	*180.06*	
08 72 43 00-0068	LF	18-5/8" Length, 1-1/2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.5FA)	112.20	16.11
		For Non-Slip Surfacing, Add	*239.97*	
08 72 43 00-0069	LF	21-3/4" Length, 1-3/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.75FA)	138.60	17.83
		For Non-Slip Surfacing, Add	*267.64*	
08 72 43 00-0070	LF	24-7/8" Length, 2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R2FA)	154.54	19.56
		For Non-Slip Surfacing, Add	*300.09*	
08 72 43 00-0071	LF	28" Length, 2-1/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R2.25FA)	163.91	20.71
		For Non-Slip Surfacing, Add	*306.23*	

08 72 43 00-0072 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Thresholds *(08 72 43 00-0062)*

08 72 43 00-0073	LF	12-3/4" Length, 1/2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.5OSSA)	81.36	14.38
		For Non-Slip Surfacing, Add	*142.02*	
08 72 43 00-0074	LF	15-7/8" Length, 3/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.75OSSA)	95.14	14.95
		For Non-Slip Surfacing, Add	*176.12*	
08 72 43 00-0075	LF	18" Length, 1" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1OSSA)	118.74	17.26
		For Non-Slip Surfacing, Add	*218.97*	
08 72 43 00-0076	LF	22-1/8" Length, 1-1/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.25OSSA)	139.19	18.41
		For Non-Slip Surfacing, Add	*266.19*	
08 72 43 00-0077	LF	25-1/4" Length, 1-1/2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.5OSSA)	159.59	19.56
		For Non-Slip Surfacing, Add	*313.22*	
08 72 43 00-0078	LF	28-3/8" Length, 1-3/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.75OSSA)	174.36	20.71
		For Non-Slip Surfacing, Add	*345.64*	
08 72 43 00-0079	LF	31-1/2" Length, 2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R2OSSA)	212.98	21.86
		For Non-Slip Surfacing, Add	*440.10*	

08 72 43 00-0080 7" Top Plate, Offset, Aluminum Modular Ramp Thresholds *(08 72 43 00-0062)*

08 72 43 00-0081	LF	16-1/4" Length, 1/2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.5OSA)	93.92	15.53
		For Non-Slip Surfacing, Add	*175.98*	
08 72 43 00-0082	LF	19-3/8" Length, 3/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.75OSA)	110.01	17.26
		For Non-Slip Surfacing, Add	*211.37*	
08 72 43 00-0083	LF	22-1/2" Length, 1" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1OSA)	131.28	18.41
		For Non-Slip Surfacing, Add	*255.07*	
08 72 43 00-0084	LF	25-5/8" Length, 1-1/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.25OSA)	146.89	19.56
		For Non-Slip Surfacing, Add	*290.98*	
08 72 43 00-0085	LF	28-3/4" Length, 1-1/2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.5OSA)	172.14	20.71
		For Non-Slip Surfacing, Add	*339.87*	
08 72 43 00-0086	LF	31-7/8" Length, 1-3/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.75OSA)	186.91	21.86
		For Non-Slip Surfacing, Add	*372.32*	
08 72 43 00-0087	LF	35" Length, 2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R2OSA)	215.29	23.00
		For Non-Slip Surfacing, Add	*423.18*	

08 72 43 00-0088 Accessories For Aluminum Modular Ramp Thresholds *(08 72 43 00-0062)*

08 72 43 00-0089 Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds *(08 72 43 00-0088)*

08 72 43 00-0090	PR	Up To 1" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds	218.76	14.38
		For Non-Slip Surfacing, Add	*22.80*	
08 72 43 00-0091	PR	>1" To 1-1/4" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds	335.12	14.38
		For Non-Slip Surfacing, Add	*36.76*	
08 72 43 00-0092	PR	>1-1/4" To 2-1/4" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds	661.82	20.14
		For Non-Slip Surfacing, Add	*74.59*	

08 72 43 00-0093 Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds *(08 72 43 00-0088)*

08 72 43 00-0094	PR	Up To 1/2" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds	218.76	14.38
		For Non-Slip Surfacing, Add	*22.80*	
08 72 43 00-0095	PR	>1/2" To 1" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds	335.12	14.38
		For Non-Slip Surfacing, Add	*36.76*	
08 72 43 00-0096	PR	>1" To 2" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds	661.82	20.14
		For Non-Slip Surfacing, Add	*74.59*	

08 72 43 00-0097 Latching Panic Exit Saddle Thresholds *(08 72 43 00-0001)*

Note: Includes vinyl or pile seal.

08 72 43 00-0098 Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0097)*

Note: Includes mill finish.

08 72 43 00-0099 Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0098)*

08 72 43 00-0100 7/8" Height, Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0099)*

08 72 43 00-0101	LF	4" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 252X226AP)	55.80	11.50
		For Color Anodized Finish, Add	*9.46*	
		For Silicon Insert Seal (Thermoseal), Add	*0.63*	
08 72 43 00-0102	LF	5" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 177AP)	46.79	11.50
		For Color Anodized Finish, Add	*9.02*	
		For Silicon Insert Seal (Thermoseal), Add	*0.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0103	LF	6" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 254X226AP)	61.46	11.50
		For Color Anodized Finish, Add	*11.45*	
		For Silicon Insert Seal (Thermoseal), Add	*0.63*	
08 72 43 00-0104	LF	7" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 255X226AP)	63.93	11.50
		For Color Anodized Finish, Add	*12.31*	
		For Silicon Insert Seal (Thermoseal), Add	*0.63*	
08 72 43 00-0105		1" Height, Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0099)*		
08 72 43 00-0106	LF	3-5/8" Width, 1" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 185AP)	44.67	11.50
		For Color Anodized Finish, Add	*7.96*	
		For Silicon Insert Seal (Thermoseal), Add	*0.63*	
08 72 43 00-0107	LF	5" Width, 1" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 181AP)	47.14	11.50
		For Color Anodized Finish, Add	*9.19*	
		For Silicon Insert Seal (Thermoseal), Add	*0.63*	
08 72 43 00-0108		Thermal Barrier, Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0098)*		
08 72 43 00-0109		7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0108)*		
08 72 43 00-0110	LF	4-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 252X226AFGP)	49.79	11.50
		For Color Anodized Finish, Add	*8.41*	
		For Silicon Insert Seal (Thermoseal), Add	*0.63*	
08 72 43 00-0111	LF	5-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 253X226AFGP)	52.09	11.50
		For Color Anodized Finish, Add	*9.33*	
		For Silicon Insert Seal (Thermoseal), Add	*0.63*	
08 72 43 00-0112	LF	6-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 254X226AFGP)	55.45	11.50
		For Color Anodized Finish, Add	*9.34*	
		For Silicon Insert Seal (Thermoseal), Add	*0.63*	
08 72 43 00-0113	LF	7-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 255X226AFGP)	59.25	11.50
		For Color Anodized Finish, Add	*10.67*	
		For Silicon Insert Seal (Thermoseal), Add	*0.63*	
08 72 43 00-0114		Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0097)*		
08 72 43 00-0115		Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0114)*		
08 72 43 00-0116		7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0115)*		
08 72 43 00-0117	LF	4" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 252X226BV)	135.52	11.50
		For Silicon Insert Seal (Thermoseal), Add	*0.63*	
08 72 43 00-0118	LF	5" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 177BV)	126.69	11.50
		For Silicon Insert Seal (Thermoseal), Add	*0.63*	
08 72 43 00-0119	LF	6" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 254X226BV)	176.10	11.50
		For Silicon Insert Seal (Thermoseal), Add	*0.63*	
08 72 43 00-0120	LF	7" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 255X226BV)	158.99	11.50
		For Silicon Insert Seal (Thermoseal), Add	*0.63*	
08 72 43 00-0121		1" Height, Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0115)*		
08 72 43 00-0122	LF	5" Width, 1" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 181BV)	133.58	11.50
		For Silicon Insert Seal (Thermoseal), Add	*0.63*	
08 72 43 00-0123		Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0114)*		
08 72 43 00-0124		7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0123)*		
08 72 43 00-0125	LF	4-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 252X226BFGV)	142.28	12.66
		For Silicon Insert Seal (Thermoseal), Add	*0.63*	
08 72 43 00-0126	LF	5-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 253X226BFGV)	148.37	12.66
		For Silicon Insert Seal (Thermoseal), Add	*0.63*	
08 72 43 00-0127	LF	6-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 254X226BFGV)	181.28	12.66
		For Silicon Insert Seal (Thermoseal), Add	*0.63*	
08 72 43 00-0128	LF	7-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 255X226BFGV)	167.61	13.23
		For Silicon Insert Seal (Thermoseal), Add	*0.63*	
08 72 43 00-0129		Carpet Separator Thresholds *(08 72 43 00-0001)*		
08 72 43 00-0130		Aluminum, Carpet Separator Thresholds *(08 72 43 00-0129)* Note: Includes mill finish.		
08 72 43 00-0131		3/8" Height, Aluminum, Carpet Separator Thresholds *(08 72 43 00-0130)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0132	LF	2-1/2" Width, 3/8" Height, Aluminum, Carpet Separator Threshold (Pemko 174C)	33.78	9.21
		For Color Anodized Finish, Add	*4.31*	
08 72 43 00-0133		**7/16" Height, Aluminum, Carpet Separator Thresholds** *(08 72 43 00-0130)*		
08 72 43 00-0134	LF	1-3/4" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 236A)	27.56	8.05
		For Color Anodized Finish, Add	*2.60*	
08 72 43 00-0135	LF	4" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 2364A)	42.02	9.21
		For Color Anodized Finish, Add	*5.30*	
08 72 43 00-0136	LF	6" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 2366A)	49.44	9.21
		For Color Anodized Finish, Add	*8.27*	
08 72 43 00-0137		**1/2" Height, Aluminum, Carpet Separator Thresholds** *(08 72 43 00-0130)*		
08 72 43 00-0138	LF	1-3/8" Width, 1/2" Height, Aluminum, Carpet Separator Threshold (Pemko 1951A)	25.27	8.05
		For Color Anodized Finish, Add	*1.28*	
08 72 43 00-0139		**3/4" Height, Aluminum, Carpet Separator Thresholds** *(08 72 43 00-0130)*		
08 72 43 00-0140	LF	1-3/4" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 246A)	27.56	8.05
		For Color Anodized Finish, Add	*2.23*	
08 72 43 00-0141	LF	3" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 230A)	42.55	11.50
		For Color Anodized Finish, Add	*5.52*	
08 72 43 00-0142	LF	4" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 2464A)	44.67	11.50
		For Color Anodized Finish, Add	*4.77*	
08 72 43 00-0143		**Brass/Bronze, Carpet Separator Thresholds** *(08 72 43 00-0129)*		
08 72 43 00-0144		**3/8" Height, Brass/Bronze, Carpet Separator Thresholds** *(08 72 43 00-0143)*		
08 72 43 00-0145	LF	2-1/2" Width, 3/8" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 174B)	76.91	9.21
08 72 43 00-0146		**7/16" Height, Brass/Bronze, Carpet Separator Thresholds** *(08 72 43 00-0143)*		
08 72 43 00-0147	LF	1-3/4" Width, 7/16" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 236B)	96.57	8.05
08 72 43 00-0148	LF	4" Width, 7/16" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 2364B)	92.73	11.50
08 72 43 00-0149		**Vinyl Transition Thresholds** *(08 72 43 00-0001)*		
		Note: Serves as a transition where carpet meets carpet, tile, VCT or concrete beneath a door.		
08 72 43 00-0150		**Carpet To Carpet, Vinyl Transition Thresholds** *(08 72 43 00-0149)*		
		Note: Serves as a transition where carpet meets carpet beneath a door.		
08 72 43 00-0151	LF	2-3/4" Width, 23/32" Height, Carpet To Carpet, Vinyl Transition Threshold (Pemko V232BL)	40.26	9.21
08 72 43 00-0152		**Carpet To Tile, Vinyl Transition Thresholds** *(08 72 43 00-0149)*		
		Note: Serves as a transition where carpet meets tile beneath a door.		
08 72 43 00-0153	LF	2-3/4" Width, 23/32" Height, Carpet To Tile, Vinyl Transition Threshold (Pemko V2325BL)	40.26	9.21
08 72 43 00-0154		**Carpet To Concrete, Vinyl Transition Thresholds** *(08 72 43 00-0149)*		
		Note: Serves as a transition where carpet meets concrete beneath a door.		
08 72 43 00-0155	LF	3-1/2" Width, 23/32" Height, Carpet To Concrete, Vinyl Transition Threshold (Pemko V2320BL)	43.45	11.50
08 72 43 00-0156		**Carpet To VCT Tile, Vinyl Transition Thresholds** *(08 72 43 00-0149)*		
		Note: Serves as a transition where carpet meets VCT Tile beneath a door.		
08 72 43 00-0157	LF	3-7/16" Width, 23/32" Height, Carpet To VCT Tile, Vinyl Transition Threshold (Pemko V2322BL)	46.32	11.50
08 72 43 00-0158		**Residential Thresholds** *(08 72 43 00-0001)*		
08 72 43 00-0159		**Wood Residential Thresholds** *(08 72 43 00-0158)*		
08 72 43 00-0160	LF	1-1/4" Width, 1/4" Height, Oak Residential Threshold (Pemko 2219W)	17.62	5.76
08 72 43 00-0161	LF	1-3/4" Width, 5/16" Height, Oak Residential Threshold (Pemko 2175W)	18.21	5.76
08 72 43 00-0162	LF	3" Width, 3/8" Height, Oak Residential Threshold (Pemko 2300W)	24.31	6.12
08 72 43 00-0163	LF	3-1/2" Width, 1/2" Height, Oak Residential Threshold (Pemko 2350W)	24.72	6.35
08 72 43 00-0164	LF	5" Width, 1/2" Height, Oak Residential Threshold (Pemko 2500W)	36.95	6.53
08 72 43 00-0165		**Vinyl Top, Wood Residential Thresholds** *(08 72 43 00-0158)*		
08 72 43 00-0166	LF	1-5/8" Width, 15/16" Height, Vinyl Top, Wood Residential Threshold (Pemko 208OAK)	20.86	5.76
08 72 43 00-0167	LF	3-1/2" Width, 1-1/8" Height, Vinyl Top, Wood Residential Threshold (Pemko 203OAK)	25.25	6.35
08 72 43 00-0168	LF	3-5/8" Width, 1-3/8" Height, Vinyl Top, Wood Residential Threshold (Pemko 204OAK)	45.93	6.35
08 72 43 00-0169		**Vinyl Top, Aluminum Residential Thresholds** *(08 72 43 00-0158)*		
08 72 43 00-0170	LF	1-3/8" Width, 1/2" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 208AV)	20.92	5.76
		For Color Anodized Finish, Add	*2.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0171	LF	3-1/4" Width, 3/4" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 206AV)	24.36	6.35
		For Color Anodized Finish, Add	*3.39*	
08 72 43 00-0172	LF	3-1/2" Width, 1-1/8" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 207AV)	25.78	6.35
		For Color Anodized Finish, Add	*3.96*	
08 72 43 00-0173		Interlocking Residential Thresholds *(08 72 43 00-0158)*		
08 72 43 00-0174		Aluminum Interlocking Residential Thresholds *(08 72 43 00-0173)*		
08 72 43 00-0175		1/2" Height, Aluminum Interlocking Residential Thresholds *(08 72 43 00-0174)*		
08 72 43 00-0176	LF	4-1/4" Width, 1/2" Height, Aluminum Interlocking Residential Threshold (Pemko 114A)	45.14	6.53
		For Color Anodized Finish, Add	*8.64*	
08 72 43 00-0177		5/8" Height, Aluminum Interlocking Residential Thresholds *(08 72 43 00-0174)*		
08 72 43 00-0178	LF	3" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 121A)	30.33	6.12
		For Color Anodized Finish, Add	*4.51*	
08 72 43 00-0179	LF	3-1/2" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 110A)	27.72	6.35
		For Color Anodized Finish, Add	*5.92*	
08 72 43 00-0180	LF	4-1/4" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 115A)	32.06	6.53
		For Color Anodized Finish, Add	*4.72*	
08 72 43 00-0181		7/8" Height, Aluminum Interlocking Residential Thresholds *(08 72 43 00-0174)*		
08 72 43 00-0182	LF	4-1/2" Width, 7/8" Height, Aluminum Interlocking Residential Threshold (Pemko 120A)	34.89	6.53
		For Color Anodized Finish, Add	*9.28*	
08 72 43 00-0183		Brass/Bronze Interlocking Residential Thresholds *(08 72 43 00-0173)*		
08 72 43 00-0184		1/2" Height, Brass/Bronze Interlocking Residential Thresholds *(08 72 43 00-0183)*		
08 72 43 00-0185	LF	4-1/4" Width, 1/2" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 114B)	97.94	6.53
08 72 43 00-0186		5/8" Height, Brass/Bronze Interlocking Residential Thresholds *(08 72 43 00-0183)*		
08 72 43 00-0187	LF	3-1/2" Width, 5/8" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 110B)	75.43	6.35
08 72 43 00-0188		7/8" Height, Brass/Bronze Interlocking Residential Thresholds *(08 72 43 00-0183)*		
08 72 43 00-0189	LF	4-1/2" Width, 7/8" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 120B)	100.15	6.53
08 72 43 00-0190	LF	5-3/4" Width, 7/8" Height, 3/4" Offset, Brass/Bronze Interlocking Residential Threshold (Pemko 123B)	140.32	6.72
08 72 43 00-0191		Residential Door Sills *(08 72 43 00-0001)*		
08 72 43 00-0192		Fixed Aluminum Residential Door Sills *(08 72 43 00-0191)*		
08 72 43 00-0193	LF	4-9/16" Width, 1-1/4" Height, Fixed Aluminum Residential Door Sill (Pemko 84514A)	26.40	6.53
		For Color Anodized Finish, Add	*5.04*	
08 72 43 00-0194	LF	5-5/8" Width, 1-1/4" Height, Fixed Aluminum Residential Door Sill (Pemko 85514A)	28.26	6.72
		For Color Anodized Finish, Add	*4.58*	
08 72 43 00-0195		Adjustable Aluminum Top, Aluminum Residential Door Sills *(08 72 43 00-0191)*		
08 72 43 00-0196	LF	4-7/8" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 94518A)	37.20	6.53
		For Color Anodized Finish, Add	*7.30*	
08 72 43 00-0197	LF	5-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 95518A)	38.19	6.72
		For Color Anodized Finish, Add	*7.49*	
08 72 43 00-0198		Adjustable Wood Top, Aluminum Residential Door Sills *(08 72 43 00-0191)*		
08 72 43 00-0199	LF	3-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 93518AW)	37.59	6.35
		For Color Anodized Finish, Add	*7.60*	
08 72 43 00-0200	LF	4-7/8" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 94518AW)	38.05	6.53
		For Color Anodized Finish, Add	*5.43*	
08 72 43 00-0201	LF	5-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 95518AW)	39.69	6.72
		For Color Anodized Finish, Add	*5.72*	
08 72 43 00-0202		Extenders For Aluminum Residential Door Sills *(08 72 43 00-0191)*		
08 72 43 00-0203	LF	3/4" Extender For Aluminum Residential Door Sills (Pemko EXT3/4A)	15.92	5.76
		For Color Anodized Finish, Add	*3.09*	
08 72 43 00-0204	LF	2" Extender For Aluminum Residential Door Sills (Pemko EXT2A)	17.33	5.76
		For Color Anodized Finish, Add	*2.92*	
08 72 43 00-0205	LF	3" Extender For Aluminum Residential Door Sills (Pemko EXT3A)	18.75	5.76
		For Color Anodized Finish, Add	*1.81*	
08 72 43 00-0206		Stone Thresholds *(08 72 43 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0207		Marble Thresholds *(08 72 43 00-0206)*		
08 72 43 00-0208	LF	2" Width, 5/8" Height, Plain Marble Threshold	21.01	8.30
08 72 43 00-0209	LF	4" Width, 5/8" Height, Plain Marble Threshold	22.89	8.30
08 72 43 00-0210	LF	6" Width, 5/8" Height, Plain Marble Threshold	25.41	8.30
08 72 43 00-0211	LF	4" Width, 7/8" Height, Plain Marble Threshold	31.11	8.30
08 72 43 00-0212	LF	6" Width, 7/8" Height, Plain Marble Threshold	37.76	8.30
08 72 43 00-0213		Corian Thresholds *(08 72 43 00-0206)*		
08 72 43 00-0214	LF	Up To 5-3/4" Width, Corian Threshold	93.26	9.55

08 75 Window Hardware *(08 70)*

08 75 13 Automatic Window Equipment *(08 75)*

08 75 13 00-0001		Window Opener Electric, With 1/2 HP Motor *(08 75 13)*		
08 75 13 00-0002	EA	Gym Window Electronic Opener	2,113.43	245.15

08 78 Special Function Hardware *(08 70)*

08 78 00 00-0001		Pad Locks *(08 78)*		
08 78 00 00-0002	EA	Combination Padlock	19.38	5.76
08 78 00 00-0003	EA	Resettable Combination Padlock With Control Key, 4 Digit, 2" Wide Case, 1" Shackle Height	39.55	5.76
08 78 00 00-0004	EA	Resettable Combination Padlock, 4 Digit, 2" Wide Case, 1" Shackle Height	36.82	5.76
08 78 00 00-0005	EA	Resettable Combination Padlock, 4 Digit, 2" Wide Case, 2-1/4" Shackle Height	40.21	5.76
08 78 00 00-0006	EA	Commercial U-Bar Lock	48.04	5.76
08 78 00 00-0007	EA	Weather Tough Padlocks Keyed Alike	40.89	5.76
08 78 00 00-0008	EA	High Security Padlocks	37.27	5.76
08 78 00 00-0009	EA	Standard Key, Medium Security Padlock Keyed Alike	21.37	5.76

08 79 Hardware Accessories *(08 70)*

08 79 13 Key Storage Equipment *(08 79)*

08 79 13 00-0001		Key Cabinet *(08 79 13)*		
08 79 13 00-0002		Key Cabinets *(08 79 13 00-0001)*		
08 79 13 00-0003	EA	Wall Mounted Key Cabinet, Up To 30 Keys	486.15	20.71
08 79 13 00-0004	EA	Wall Mounted Key Cabinet, Up To 60 Keys	656.80	23.00
08 79 13 00-0005	EA	Wall Mounted Key Cabinet, Up To 240 Keys	1,476.35	34.52
08 79 13 00-0006	EA	Wall Mounted Key Cabinet, Up To 1,200 Keys	3,811.14	46.02
08 79 13 00-0007	EA	Drawer Type Key Cabinet, Up To 600 Keys	4,069.35	30.49
08 79 13 00-0008	EA	Drawer Type Key Cabinet, Up To 2,400 Keys	9,199.20	23.00
08 79 13 00-0009	EA	Tray Type Key Cabinet, Up To 20 Keys	204.37	9.21
08 79 13 00-0010	EA	Tray Type Key Cabinet, Up To 50 Keys	291.60	11.50
08 79 13 00-0011		Key Boxes Wall Mounted On Any Type Wall, With Anchor *(08 79 13 00-0001)*		
08 79 13 00-0012	EA	Key Box, Metal, 30 Key Hooks, Key Lock Door 3" Deep x 10" Wide x 12" High	278.34	17.27
08 79 13 00-0013	EA	Key Box, Metal, 60 Key Hooks, Key Lock Door, 3" Deep x 10" Wide x 12" High	315.53	17.27
08 79 13 00-0014	EA	Relocate 10" Wide x 12" High x 3" Deep Metal Key Box Note: Including Storage And Cleaning	58.69	
08 79 13 00-0015	EA	Relocate Heavy-Duty Key Box, With Combo Lock Door Note: Including Storage And Cleaning	132.35	

08 80 Glazing *(08)*

Note: Includes neoprene setting blocks and spacers and elastomeric sealants for all glazing tasks.

08 81 Glass Glazing *(08 80)*

08 81 23 Exterior Glass Glazing *(08 81)*

08 81 23 13 Factory Installed Glass Glazing *(08 81 23)*

08 81 23 13-0001		Clear Float Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0002		Clear Float Factory Installed Glass *(08 81 23 13-0001)* Note: Type I, Class I, Quality Q3.		
08 81 23 13-0003	SF	1/8" Thick, Clear Float Factory Installed Glass	8.74	
		For >50 To 200, Deduct	*-0.26*	
		For >200 To 400, Deduct	*-0.52*	
		For >400, Deduct	*-0.79*	
		For Tinted Glass, Add	*2.19*	
		For Reflective Coated Glass, Add	*3.93*	
		For Low-E Coated Glass, Add	*2.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0004	SF	3/16" Thick, Clear Float Factory Installed Glass	9.37	
		For >50 To 200, Deduct	*-0.28*	
		For >200 To 400, Deduct	*-0.56*	
		For >400, Deduct	*-0.84*	
		For Tinted Glass, Add	*2.34*	
		For Reflective Coated Glass, Add	*4.22*	
		For Low-E Coated Glass, Add	*2.34*	
08 81 23 13-0005	SF	1/4" Thick, Clear Float Factory Installed Glass	11.36	
		For >50 To 200, Deduct	*-0.34*	
		For >200 To 400, Deduct	*-0.68*	
		For >400, Deduct	*-1.02*	
		For Tinted Glass, Add	*2.84*	
		For Reflective Coated Glass, Add	*5.11*	
		For Low-E Coated Glass, Add	*2.84*	
08 81 23 13-0006	SF	5/16" Thick, Clear Float Factory Installed Glass	18.89	
		For >50 To 200, Deduct	*-0.57*	
		For >200 To 400, Deduct	*-1.13*	
		For >400, Deduct	*-1.70*	
		For Tinted Glass, Add	*4.72*	
		For Reflective Coated Glass, Add	*8.50*	
		For Low-E Coated Glass, Add	*4.72*	
08 81 23 13-0007	SF	3/8" Thick, Clear Float Factory Installed Glass	27.48	
		For >50 To 200, Deduct	*-0.82*	
		For >200 To 400, Deduct	*-1.65*	
		For >400, Deduct	*-2.47*	
		For Tinted Glass, Add	*6.87*	
		For Reflective Coated Glass, Add	*12.37*	
		For Low-E Coated Glass, Add	*6.87*	
08 81 23 13-0008	SF	1/2" Thick, Clear Float Factory Installed Glass	30.20	
		For >50 To 200, Deduct	*-0.91*	
		For >200 To 400, Deduct	*-1.81*	
		For >400, Deduct	*-2.72*	
		For Tinted Glass, Add	*7.55*	
		For Reflective Coated Glass, Add	*13.59*	
		For Low-E Coated Glass, Add	*7.55*	
08 81 23 13-0009	SF	5/8" Thick, Clear Float Factory Installed Glass	36.13	
		For >50 To 200, Deduct	*-1.08*	
		For >200 To 400, Deduct	*-2.17*	
		For >400, Deduct	*-3.25*	
		For Tinted Glass, Add	*9.03*	
		For Reflective Coated Glass, Add	*16.26*	
		For Low-E Coated Glass, Add	*9.03*	
08 81 23 13-0010	SF	3/4" Thick, Clear Float Factory Installed Glass	44.63	
		For >50 To 200, Deduct	*-1.34*	
		For >200 To 400, Deduct	*-2.68*	
		For >400, Deduct	*-4.02*	
		For Tinted Glass, Add	*11.16*	
		For Reflective Coated Glass, Add	*20.08*	
		For Low-E Coated Glass, Add	*11.16*	

08 81 23 13-0011 Heat Treated Factory Installed Glass *(08 81 23 13)*

08 81 23 13-0012 Tempered, Clear Float Factory Installed Glass *(08 81 23 13-0011)*

Note: Type I, Class I, Quality Q3.

08 81 23 13-0013	SF	1/8" Thick, Tempered, Clear Float Factory Installed Glass	13.01	
		For >50 To 200, Deduct	*-0.39*	
		For >200 To 400, Deduct	*-0.78*	
		For >400, Deduct	*-1.17*	
		For Tinted Glass, Add	*3.25*	
		For Reflective Coated Glass, Add	*5.85*	
		For Low-E Coated Glass, Add	*3.25*	
08 81 23 13-0014	SF	3/16" Thick, Tempered, Clear Float Factory Installed Glass	13.90	
		For >50 To 200, Deduct	*-0.42*	
		For >200 To 400, Deduct	*-0.83*	
		For >400, Deduct	*-1.25*	
		For Tinted Glass, Add	*3.48*	
		For Reflective Coated Glass, Add	*6.26*	
		For Low-E Coated Glass, Add	*3.48*	
08 81 23 13-0015	SF	1/4" Thick, Tempered, Clear Float Factory Installed Glass	16.91	
		For >50 To 200, Deduct	*-0.51*	
		For >200 To 400, Deduct	*-1.01*	
		For >400, Deduct	*-1.52*	
		For Tinted Glass, Add	*4.23*	
		For Reflective Coated Glass, Add	*7.61*	
		For Low-E Coated Glass, Add	*4.23*	
08 81 23 13-0016	SF	5/16" Thick, Tempered, Clear Float Factory Installed Glass	28.15	
		For >50 To 200, Deduct	*-0.84*	
		For >200 To 400, Deduct	*-1.69*	
		For >400, Deduct	*-2.53*	
		For Tinted Glass, Add	*7.04*	
		For Reflective Coated Glass, Add	*12.67*	
		For Low-E Coated Glass, Add	*7.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0017	SF	3/8" Thick, Tempered, Clear Float Factory Installed Glass	40.91	
		For >50 To 200, Deduct	*-1.23*	
		For >200 To 400, Deduct	*-2.45*	
		For >400, Deduct	*-3.68*	
		For Tinted Glass, Add	*10.23*	
		For Reflective Coated Glass, Add	*18.41*	
		For Low-E Coated Glass, Add	*10.23*	
08 81 23 13-0018	SF	1/2" Thick, Tempered, Clear Float Factory Installed Glass	44.94	
		For >50 To 200, Deduct	*-1.35*	
		For >200 To 400, Deduct	*-2.70*	
		For >400, Deduct	*-4.04*	
		For Tinted Glass, Add	*11.24*	
		For Reflective Coated Glass, Add	*20.22*	
		For Low-E Coated Glass, Add	*11.24*	
08 81 23 13-0019	SF	5/8" Thick, Tempered, Clear Float Factory Installed Glass	53.77	
		For >50 To 200, Deduct	*-1.61*	
		For >200 To 400, Deduct	*-3.23*	
		For >400, Deduct	*-4.84*	
		For Tinted Glass, Add	*13.44*	
		For Reflective Coated Glass, Add	*24.20*	
		For Low-E Coated Glass, Add	*13.44*	
08 81 23 13-0020	SF	3/4" Thick, Tempered, Clear Float Factory Installed Glass	66.42	
		For >50 To 200, Deduct	*-1.99*	
		For >200 To 400, Deduct	*-3.99*	
		For >400, Deduct	*-5.98*	
		For Tinted Glass, Add	*16.61*	
		For Reflective Coated Glass, Add	*29.89*	
		For Low-E Coated Glass, Add	*16.61*	

08 81 23 13-0021 Patterned Factory Installed Glass *(08 81 23 13)*

08 81 23 13-0022 Rough Obscure, Factory Installed Glass *(08 81 23 13-0021)*

Note: Class II, Form 3, Finish F1.

08 81 23 13-0023	SF	1/4" Thick, Rough Obscure, Factory Installed Glass	71.08

08 81 23 13-0024 Patterned, Figured Factory Installed Glass *(08 81 23 13-0021)*

Note: Kind HS, Type II, Class I, Form 3, Quality Q8, Finish F2, Pattern P4.

08 81 23 13-0025	SF	1/8" Thick, Patterned, Figured Factory Installed Glass	43.18
08 81 23 13-0026	SF	7/32" Thick, Patterned, Figured Factory Installed Glass	43.18

08 81 23 13-0027 Wired Factory Installed Glass *(08 81 23 13)*

08 81 23 13-0028 Square Or Diamond Pattern, Wired Factory Installed Glass *(08 81 23 13-0027)*

Note: Class I, Form 2, Mesh M1 Or M2, Pattern P2.

08 81 23 13-0029	SF	1/4" Thick, Square Pattern, Wired Factory Installed Glass	111.76
08 81 23 13-0030	SF	1/4" Thick, Diamond Pattern, Wired Factory Installed Glass	111.76

08 81 23 13-0031 Polished, Wired Factory Installed Glass *(08 81 23 13-0027)*

08 81 23 13-0032	SF	1/4" Thick, Polished, Wired Factory Installed Glass	122.17

08 81 23 13-0033 Frosted Factory Installed Glass *(08 81 23 13)*

08 81 23 13-0034 Frosted Factory Installed Glass *(08 81 23 13-0033)*

08 81 23 13-0035	SF	1/8" Thick, Frosted Factory Installed Glass	56.50
		For >50 To 200, Deduct	*-1.70*
		For >200 To 400, Deduct	*-3.39*
		For >400, Deduct	*-5.09*
08 81 23 13-0036	SF	3/16" Thick, Frosted Factory Installed Glass	74.14
		For >50 To 200, Deduct	*-2.22*
		For >200 To 400, Deduct	*-4.45*
		For >400, Deduct	*-6.67*
08 81 23 13-0037	SF	1/4" Thick, Frosted Factory Installed Glass	93.71
		For >50 To 200, Deduct	*-2.81*
		For >200 To 400, Deduct	*-5.62*
		For >400, Deduct	*-8.43*
08 81 23 13-0038	SF	3/8" Thick, Frosted Factory Installed Glass	140.08
		For >50 To 200, Deduct	*-4.20*
		For >200 To 400, Deduct	*-8.40*
		For >400, Deduct	*-12.61*

08 81 23 13-0039 Fire Rated Factory Installed Glass *(08 81 23 13)*

08 81 23 13-0040 Fire Rated Factory Installed Glass *(08 81 23 13-0039)*

08 81 23 13-0041	SF	20 Minute, Fire Rated Factory Installed Glass	53.66
08 81 23 13-0042	SF	45 Minute, Fire Rated Factory Installed Glass	106.83
08 81 23 13-0043	SF	60 Minute, Fire Rated Factory Installed Glass	165.10
08 81 23 13-0044	SF	90 Minute, Fire Rated Factory Installed Glass	218.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0045		Laminated Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0046		Laminated Glass With PVB Interlayer, Factory Installed Glass *(08 81 23 13-0045)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 13-0047	SF	1/4" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass	35.44	
		For >50 To 200, Deduct	*-1.06*	
		For >200 To 400, Deduct	*-2.13*	
		For >400, Deduct	*-3.19*	
		For Tinted Glass, Add	*7.09*	
		For Reflective Coated Glass, Add	*10.63*	
		For Low-E Coated Glass, Add	*8.86*	
		For One Piece Heat Strengthened Glass, Add	*7.09*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*7.09*	
		Note: Double UOM if applied for both interior and exterior glazing		
08 81 23 13-0048	SF	3/8" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass	44.24	
		For >50 To 200, Deduct	*-1.33*	
		For >200 To 400, Deduct	*-2.65*	
		For >400, Deduct	*-3.98*	
		For Tinted Glass, Add	*8.85*	
		For Reflective Coated Glass, Add	*13.27*	
		For Low-E Coated Glass, Add	*11.06*	
		For One Piece Heat Strengthened Glass, Add	*8.85*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*8.85*	
		Note: Double UOM if applied for both interior and exterior glazing		
08 81 23 13-0049	SF	1/2" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass	51.11	
		For >50 To 200, Deduct	*-1.53*	
		For >200 To 400, Deduct	*-3.07*	
		For >400, Deduct	*-4.60*	
		For Tinted Glass, Add	*10.22*	
		For Reflective Coated Glass, Add	*15.33*	
		For Low-E Coated Glass, Add	*12.78*	
		For One Piece Heat Strengthened Glass, Add	*10.22*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*10.22*	
		Note: Double UOM if applied for both interior and exterior glazing		
08 81 23 13-0050		Insulated Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0051		Insulated, Factory Installed Glass *(08 81 23 13-0050)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 13-0052		3/16" Air Space, Insulated, Factory Installed Glass *(08 81 23 13-0051)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 13-0053	SF	3/8" Thick, Insulated Factory Installed Glass	21.80	
		Note: Two 3/32" lites with 3/16" air space.		
		For >50 To 200, Deduct	*-0.65*	
		For >200 To 400, Deduct	*-1.31*	
		For >400, Deduct	*-1.96*	
		For Tinted Glass, Add	*3.27*	
		For Reflective Coated Glass, Add	*6.54*	
		For Low-E Coated Glass, Add	*5.45*	
		For One Piece Heat Strengthened Glass, Add	*4.36*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*4.36*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*9.27*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.00*	
08 81 23 13-0054	SF	1/2" Thick, Insulated Factory Installed Glass	23.82	
		Note: One 3/16" lite and one 1/8" lite with 3/16" air space.		
		For >50 To 200, Deduct	*-0.71*	
		For >200 To 400, Deduct	*-1.43*	
		For >400, Deduct	*-2.14*	
		For Tinted Glass, Add	*3.57*	
		For Reflective Coated Glass, Add	*7.15*	
		For Low-E Coated Glass, Add	*5.96*	
		For One Piece Heat Strengthened Glass, Add	*4.76*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*4.76*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*10.12*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0055	SF	9/16" Thick, Insulated Factory Installed Glass Note: Two 3/16" lites with 3/16" air space.	23.86	
		For >50 To 200, Deduct	*-0.72*	
		For >200 To 400, Deduct	*-1.43*	
		For >400, Deduct	*-2.15*	
		For Tinted Glass, Add	*3.58*	
		For Reflective Coated Glass, Add	*7.16*	
		For Low-E Coated Glass, Add	*5.97*	
		For One Piece Heat Strengthened Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.77*	
		For One Piece Fully Tempered Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.77*	
		For One Piece Obscure Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*10.14*	
		For Argon Gas, Add	*3.28*	
08 81 23 13-0056		1/4" Air Space, Insulated, Factory Installed Glass *(08 81 23 13-0051)* Note: Type I, Class I, Quality Q3.		
08 81 23 13-0057	SF	7/16" Thick, Insulated Factory Installed Glass Note: Two 3/32" lites with 1/4" air space.	22.44	
		For >50 To 200, Deduct	*-0.67*	
		For >200 To 400, Deduct	*-1.35*	
		For >400, Deduct	*-2.02*	
		For Tinted Glass, Add	*3.37*	
		For Reflective Coated Glass, Add	*6.73*	
		For Low-E Coated Glass, Add	*5.61*	
		For One Piece Heat Strengthened Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.49*	
		For One Piece Fully Tempered Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.49*	
		For One Piece Obscure Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*9.54*	
		For Argon Gas, Add	*3.09*	
08 81 23 13-0058	SF	1/2" Thick, Insulated Factory Installed Glass Note: Two 1/8" lites with 1/4" air space.	23.82	
		For >50 To 200, Deduct	*-0.71*	
		For >200 To 400, Deduct	*-1.43*	
		For >400, Deduct	*-2.14*	
		For Tinted Glass, Add	*3.57*	
		For Reflective Coated Glass, Add	*7.15*	
		For Low-E Coated Glass, Add	*5.96*	
		For One Piece Heat Strengthened Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.76*	
		For One Piece Fully Tempered Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.76*	
		For One Piece Obscure Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*10.12*	
		For Argon Gas, Add	*3.28*	
08 81 23 13-0059	SF	5/8" Thick, Insulated Factory Installed Glass Note: Two 3/16" lites with 1/4" air space.	24.09	
		For >50 To 200, Deduct	*-0.72*	
		For >200 To 400, Deduct	*-1.45*	
		For >400, Deduct	*-2.17*	
		For Tinted Glass, Add	*3.61*	
		For Reflective Coated Glass, Add	*7.23*	
		For Low-E Coated Glass, Add	*6.02*	
		For One Piece Heat Strengthened Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.82*	
		For One Piece Fully Tempered Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.82*	
		For One Piece Obscure Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*10.24*	
		For Argon Gas, Add	*3.31*	
08 81 23 13-0060	SF	5/8" Thick, Insulated Factory Installed Glass Note: One 1/4" lite and one 1/8" lite with 1/4" air space.	24.09	
		For >50 To 200, Deduct	*-0.72*	
		For >200 To 400, Deduct	*-1.45*	
		For >400, Deduct	*-2.17*	
		For Tinted Glass, Add	*3.61*	
		For Reflective Coated Glass, Add	*7.23*	
		For Low-E Coated Glass, Add	*6.02*	
		For One Piece Heat Strengthened Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.82*	
		For One Piece Fully Tempered Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.82*	
		For One Piece Obscure Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*10.24*	
		For Argon Gas, Add	*3.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0061	SF	3/4" Thick, Insulated Factory Installed Glass	27.54	
		Note: Two 1/4" lites with 1/4" air space.		
		For >50 To 200, Deduct	*-0.83*	
		For >200 To 400, Deduct	*-1.65*	
		For >400, Deduct	*-2.48*	
		For Tinted Glass, Add	*4.13*	
		For Reflective Coated Glass, Add	*8.26*	
		For Low-E Coated Glass, Add	*6.89*	
		For One Piece Heat Strengthened Glass, Add	*5.51*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*5.51*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*11.70*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.79*	
08 81 23 13-0062		3/8" Air Space, Insulated, Factory Installed Glass *(08 81 23 13-0051)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 13-0063	SF	5/8" Thick, Insulated Factory Installed Glass	24.09	
		Note: Two 1/8" lites with 3/8" air space.		
		For >50 To 200, Deduct	*-0.72*	
		For >200 To 400, Deduct	*-1.45*	
		For >400, Deduct	*-2.17*	
		For Tinted Glass, Add	*3.61*	
		For Reflective Coated Glass, Add	*7.23*	
		For Low-E Coated Glass, Add	*6.02*	
		For One Piece Heat Strengthened Glass, Add	*4.82*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*4.82*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*10.24*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.31*	
08 81 23 13-0064	SF	3/4" Thick, Insulated Factory Installed Glass	25.24	
		Note: Two 3/16" lites with 3/8" air space.		
		For >50 To 200, Deduct	*-0.76*	
		For >200 To 400, Deduct	*-1.51*	
		For >400, Deduct	*-2.27*	
		For Tinted Glass, Add	*3.79*	
		For Reflective Coated Glass, Add	*7.57*	
		For Low-E Coated Glass, Add	*6.31*	
		For One Piece Heat Strengthened Glass, Add	*5.05*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*5.05*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*10.73*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.47*	
08 81 23 13-0065	SF	7/8" Thick, Insulated Factory Installed Glass	27.99	
		Note: Two 1/4" lites with 3/8" air space.		
		For >50 To 200, Deduct	*-0.84*	
		For >200 To 400, Deduct	*-1.68*	
		For >400, Deduct	*-2.52*	
		For Tinted Glass, Add	*4.20*	
		For Reflective Coated Glass, Add	*8.40*	
		For Low-E Coated Glass, Add	*7.00*	
		For One Piece Heat Strengthened Glass, Add	*5.60*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*5.60*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*11.90*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.85*	
08 81 23 13-0066	SF	1" Thick, Insulated Factory Installed Glass	31.62	
		Note: Two 5/16" lites with 3/8" air space.		
		For >50 To 200, Deduct	*-0.95*	
		For >200 To 400, Deduct	*-1.90*	
		For >400, Deduct	*-2.85*	
		For Tinted Glass, Add	*4.74*	
		For Reflective Coated Glass, Add	*9.49*	
		For Low-E Coated Glass, Add	*7.91*	
		For One Piece Heat Strengthened Glass, Add	*6.32*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*6.32*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*13.44*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*4.35*	
08 81 23 13-0067		1/2" Air Space, Insulated, Factory Installed Glass *(08 81 23 13-0051)*		
		Note: Type I, Class I, Quality Q3.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0068	SF	3/4" Thick, Insulated Factory Installed Glass Note: Two 1/8" lites with 1/2" air space.	25.24	
		For >50 To 200, Deduct	*-0.76*	
		For >200 To 400, Deduct	*-1.51*	
		For >400, Deduct	*-2.27*	
		For Tinted Glass, Add	*3.79*	
		For Reflective Coated Glass, Add	*7.57*	
		For Low-E Coated Glass, Add	*6.31*	
		For One Piece Heat Strengthened Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*5.05*	
		For One Piece Fully Tempered Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*5.05*	
		For One Piece Obscure Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*10.73*	
		For Argon Gas, Add	*3.47*	
08 81 23 13-0069	SF	7/8" Thick, Insulated Factory Installed Glass Note: Two 3/16" lites with 1/2" air space.	27.99	
		For >50 To 200, Deduct	*-0.84*	
		For >200 To 400, Deduct	*-1.68*	
		For >400, Deduct	*-2.52*	
		For Tinted Glass, Add	*4.20*	
		For Reflective Coated Glass, Add	*8.40*	
		For Low-E Coated Glass, Add	*7.00*	
		For One Piece Heat Strengthened Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*5.60*	
		For One Piece Fully Tempered Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*5.60*	
		For One Piece Obscure Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*11.90*	
		For Argon Gas, Add	*3.85*	
08 81 23 13-0070	SF	7/8" Thick, Insulated Factory Installed Glass Note: One 1/4" lite and one 1/8" lite with 1/2" air space.	27.99	
		For >50 To 200, Deduct	*-0.84*	
		For >200 To 400, Deduct	*-1.68*	
		For >400, Deduct	*-2.52*	
		For Tinted Glass, Add	*4.20*	
		For Reflective Coated Glass, Add	*8.40*	
		For Low-E Coated Glass, Add	*7.00*	
		For One Piece Heat Strengthened Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*5.60*	
		For One Piece Fully Tempered Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*5.60*	
		For One Piece Obscure Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*11.90*	
		For Argon Gas, Add	*3.85*	
08 81 23 13-0071	SF	1" Thick, Insulated Factory Installed Glass Note: Two 1/4" lites with 1/2" air space.	30.61	
		For >50 To 200, Deduct	*-0.92*	
		For >200 To 400, Deduct	*-1.84*	
		For >400, Deduct	*-2.75*	
		For Tinted Glass, Add	*4.59*	
		For Reflective Coated Glass, Add	*9.18*	
		For Low-E Coated Glass, Add	*7.65*	
		For One Piece Heat Strengthened Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*6.12*	
		For One Piece Fully Tempered Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*6.12*	
		For One Piece Obscure Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*13.01*	
		For Argon Gas, Add	*4.21*	

08 81 23 23 Field Installed Glass Glazing *(08 81 23)*

Note: For replacement of existing glazing (use glass removal modifiers) and includes removal of glazing (broken or whole), sealant compound and/or astragal, taking down and resetting mullion where necessary.

08 81 23 23-0001 Clear Float Field Installed Glass *(08 81 23 23)*

08 81 23 23-0002 Clear Float Field Installed Glass *(08 81 23 23-0001)*

Note: Type I, Class I, Quality Q3.

08 81 23 23-0003	SF	1/8" Thick, Clear Float Field Installed Glass	24.27	
		For >50 To 200, Deduct	*-1.66*	
		For >200 To 400, Deduct	*-3.01*	
		For >400, Deduct	*-4.05*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.65*	
		For Tinted Glass, Add	*2.19*	
		For Reflective Coated Glass, Add	*3.93*	
		For Low-E Coated Glass, Add	*2.19*	
08 81 23 23-0004	SF	3/16" Thick, Clear Float Field Installed Glass	26.09	
		For >50 To 200, Deduct	*-1.79*	
		For >200 To 400, Deduct	*-3.24*	
		For >400, Deduct	*-4.35*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.54*	
		For Tinted Glass, Add	*2.34*	
		For Reflective Coated Glass, Add	*4.22*	
		For Low-E Coated Glass, Add	*2.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0005	SF	1/4" Thick, Clear Float Field Installed Glass	29.27	
		For >50 To 200, Deduct	*-1.95*	
		For >200 To 400, Deduct	*-3.55*	
		For >400, Deduct	*-4.78*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.43*	
		For Tinted Glass, Add	*2.84*	
		For Reflective Coated Glass, Add	*5.11*	
		For Low-E Coated Glass, Add	*2.84*	
08 81 23 23-0006	SF	5/16" Thick, Clear Float Field Installed Glass	39.19	
		For >50 To 200, Deduct	*-2.39*	
		For >200 To 400, Deduct	*-4.38*	
		For >400, Deduct	*-5.96*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.23*	
		For Tinted Glass, Add	*4.72*	
		For Reflective Coated Glass, Add	*8.50*	
		For Low-E Coated Glass, Add	*4.72*	
08 81 23 23-0007	SF	3/8" Thick, Clear Float Field Installed Glass	50.16	
		For >50 To 200, Deduct	*-2.87*	
		For >200 To 400, Deduct	*-5.28*	
		For >400, Deduct	*-7.24*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.01*	
		For Tinted Glass, Add	*6.87*	
		For Reflective Coated Glass, Add	*12.37*	
		For Low-E Coated Glass, Add	*6.87*	
08 81 23 23-0008	SF	1/2" Thick, Clear Float Field Installed Glass	55.28	
		For >50 To 200, Deduct	*-3.16*	
		For >200 To 400, Deduct	*-5.82*	
		For >400, Deduct	*-7.98*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.81*	
		For Tinted Glass, Add	*7.55*	
		For Reflective Coated Glass, Add	*13.59*	
		For Low-E Coated Glass, Add	*7.55*	
08 81 23 23-0009	SF	5/8" Thick, Clear Float Field Installed Glass	67.17	
		For >50 To 200, Deduct	*-3.88*	
		For >200 To 400, Deduct	*-7.13*	
		For >400, Deduct	*-9.77*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*23.28*	
		For Tinted Glass, Add	*9.03*	
		For Reflective Coated Glass, Add	*16.26*	
		For Low-E Coated Glass, Add	*9.03*	
08 81 23 23-0010	SF	3/4" Thick, Clear Float Field Installed Glass	81.65	
		For >50 To 200, Deduct	*-4.67*	
		For >200 To 400, Deduct	*-8.60*	
		For >400, Deduct	*-11.79*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*27.77*	
		For Tinted Glass, Add	*11.16*	
		For Reflective Coated Glass, Add	*20.08*	
		For Low-E Coated Glass, Add	*11.16*	

08 81 23 23-0011 Heat Treated Field Installed Glass *(08 81 23 23)*

08 81 23 23-0012 Tempered, Clear Float Field Installed Glass *(08 81 23 23-0011)*

Note: Type I, Class I, Quality Q3.

08 81 23 23-0013	SF	1/8" Thick, Tempered, Clear Float Field Installed Glass	28.54	
		For >50 To 200, Deduct	*-1.79*	
		For >200 To 400, Deduct	*-3.27*	
		For >400, Deduct	*-4.43*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.65*	
		For Tinted Glass, Add	*3.25*	
		For Reflective Coated Glass, Add	*5.85*	
		For Low-E Coated Glass, Add	*3.25*	
08 81 23 23-0014	SF	3/16" Thick, Tempered, Clear Float Field Installed Glass	30.62	
		For >50 To 200, Deduct	*-1.92*	
		For >200 To 400, Deduct	*-3.51*	
		For >400, Deduct	*-4.76*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.54*	
		For Tinted Glass, Add	*3.48*	
		For Reflective Coated Glass, Add	*6.26*	
		For Low-E Coated Glass, Add	*3.48*	
08 81 23 23-0015	SF	1/4" Thick, Tempered, Clear Float Field Installed Glass	34.82	
		For >50 To 200, Deduct	*-2.12*	
		For >200 To 400, Deduct	*-3.88*	
		For >400, Deduct	*-5.28*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.43*	
		For Tinted Glass, Add	*4.23*	
		For Reflective Coated Glass, Add	*7.61*	
		For Low-E Coated Glass, Add	*4.23*	
08 81 23 23-0016	SF	5/16" Thick, Tempered, Clear Float Field Installed Glass	48.45	
		For >50 To 200, Deduct	*-2.67*	
		For >200 To 400, Deduct	*-4.94*	
		For >400, Deduct	*-6.80*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.23*	
		For Tinted Glass, Add	*7.04*	
		For Reflective Coated Glass, Add	*12.67*	
		For Low-E Coated Glass, Add	*7.04*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0017		SF	3/8" Thick, Tempered, Clear Float Field Installed Glass	63.59	
			For >50 To 200, Deduct	*-3.27*	
			For >200 To 400, Deduct	*-6.08*	
			For >400, Deduct	*-8.44*	
			For Glass Removal And Preparing Opening For New Glazing, Add	*17.01*	
			For Tinted Glass, Add	*10.23*	
			For Reflective Coated Glass, Add	*18.41*	
			For Low-E Coated Glass, Add	*10.23*	
08 81 23 23-0018		SF	1/2" Thick, Tempered, Clear Float Field Installed Glass	70.02	
			For >50 To 200, Deduct	*-3.61*	
			For >200 To 400, Deduct	*-6.71*	
			For >400, Deduct	*-9.31*	
			For Glass Removal And Preparing Opening For New Glazing, Add	*18.81*	
			For Tinted Glass, Add	*11.24*	
			For Reflective Coated Glass, Add	*20.22*	
			For Low-E Coated Glass, Add	*11.24*	
08 81 23 23-0019		SF	5/8" Thick, Tempered, Clear Float Field Installed Glass	84.81	
			For >50 To 200, Deduct	*-4.41*	
			For >200 To 400, Deduct	*-8.19*	
			For >400, Deduct	*-11.36*	
			For Glass Removal And Preparing Opening For New Glazing, Add	*23.28*	
			For Tinted Glass, Add	*13.44*	
			For Reflective Coated Glass, Add	*24.20*	
			For Low-E Coated Glass, Add	*13.44*	
08 81 23 23-0020		SF	3/4" Thick, Tempered, Clear Float Field Installed Glass	103.44	
			For >50 To 200, Deduct	*-5.32*	
			For >200 To 400, Deduct	*-9.91*	
			For >400, Deduct	*-13.75*	
			For Glass Removal And Preparing Opening For New Glazing, Add	*27.77*	
			For Tinted Glass, Add	*16.61*	
			For Reflective Coated Glass, Add	*29.89*	
			For Low-E Coated Glass, Add	*16.61*	

08 81 23 23-0021 Patterned Field Installed Glass *(08 81 23 23)*

08 81 23 23-0022 Rough Obscure Field Installed Glass *(08 81 23 23-0021)*

Note: Class II, Form 3, Finish F1.

08 81 23 23-0023		SF	1/4" Thick, Rough Obscure Field Installed Glass	88.99	
			For Glass Removal And Preparing Opening For New Glazing, Add	*13.43*	

08 81 23 23-0024 Patterned, Figured Field Installed Glass *(08 81 23 23-0021)*

Note: Kind HS, Type II, Class I, Form 3, Quality Q8, Finish F2, Pattern P4.

08 81 23 23-0025		SF	1/8" Thick, Patterned, Figured Field Installed Glass	58.71	
			For Glass Removal And Preparing Opening For New Glazing, Add	*11.65*	
08 81 23 23-0026		SF	7/32" Thick, Patterned, Figured Field Installed Glass	60.49	
			For Glass Removal And Preparing Opening For New Glazing, Add	*12.98*	

08 81 23 23-0027 Wired Field Installed Glass *(08 81 23 23)*

08 81 23 23-0028 Square Or Diamond Pattern, Wired Field Installed Glass *(08 81 23 23-0027)*

Note: Class I, Form 2, Mesh M1 Or M2, Pattern P2.

08 81 23 23-0029		SF	1/4" Thick, Square Pattern, Wired Field Installed Glass	129.67	
			For Glass Removal And Preparing Opening For New Glazing, Add	*13.43*	
08 81 23 23-0030		SF	1/4" Thick, Diamond Pattern, Wired Field Installed Glass	129.67	
			For Glass Removal And Preparing Opening For New Glazing, Add	*13.43*	

08 81 23 23-0031 Polished, Wired Field Installed Glass *(08 81 23 23-0027)*

08 81 23 23-0032		SF	1/4" Thick, Polished, Wired Field Installed Glass	140.08	
			For Glass Removal And Preparing Opening For New Glazing, Add	*13.43*	

08 81 23 23-0033 Frosted Field Installed Glass *(08 81 23 23)*

08 81 23 23-0034 Frosted Field Installed Glass *(08 81 23 23-0033)*

08 81 23 23-0035		SF	1/8" Thick, Frosted Field Installed Glass	72.03	
			For >50 To 200, Deduct	*-3.09*	
			For >200 To 400, Deduct	*-5.87*	
			For >400, Deduct	*-8.35*	
			For Glass Removal And Preparing Opening For New Glazing, Add	*11.65*	
08 81 23 23-0036		SF	3/16" Thick, Frosted Field Installed Glass	90.86	
			For >50 To 200, Deduct	*-3.73*	
			For >200 To 400, Deduct	*-7.12*	
			For >400, Deduct	*-10.18*	
			For Glass Removal And Preparing Opening For New Glazing, Add	*12.54*	
08 81 23 23-0037		SF	1/4" Thick, Frosted Field Installed Glass	111.62	
			For >50 To 200, Deduct	*-4.42*	
			For >200 To 400, Deduct	*-8.49*	
			For >400, Deduct	*-12.20*	
			For Glass Removal And Preparing Opening For New Glazing, Add	*13.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0038	SF	3/8" Thick, Frosted Field Installed Glass	162.76	
		For >50 To 200, Deduct	*-6.24*	
		For >200 To 400, Deduct	*-12.03*	
		For >400, Deduct	*-17.37*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.01*	
08 81 23 23-0039		Fire Rated Field Installed Glass *(08 81 23 23)*		
08 81 23 23-0040		Fire Rated Field Installed Glass *(08 81 23 23-0039)*		
08 81 23 23-0041	SF	20 Minute, Fire Rated Field Installed Glass	71.57	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.33*	
08 81 23 23-0042	SF	45 Minute, Fire Rated Field Installed Glass	124.74	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.33*	
08 81 23 23-0043	SF	60 Minute, Fire Rated Field Installed Glass	183.01	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.33*	
08 81 23 23-0044	SF	90 Minute, Fire Rated Field Installed Glass	236.43	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.33*	
08 81 23 23-0045		Laminated Field Installed Glass *(08 81 23 23)*		
08 81 23 23-0046		Laminated Glass With PVB Interlayer, Field Installed Glass *(08 81 23 23-0045)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 23-0047	SF	1/4" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	53.35	
		For >50 To 200, Deduct	*-2.68*	
		For >200 To 400, Deduct	*-4.99*	
		For >400, Deduct	*-6.95*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.43*	
		For Tinted Glass, Add	*7.09*	
		For Reflective Coated Glass, Add	*10.63*	
		For Low-E Coated Glass, Add	*8.86*	
		For One Piece Heat Strengthened Glass, Add	*7.09*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*7.09*	
		Note: Double UOM if applied for both interior and exterior glazing		
08 81 23 23-0048	SF	3/8" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	66.92	
		For >50 To 200, Deduct	*-3.37*	
		For >200 To 400, Deduct	*-6.28*	
		For >400, Deduct	*-8.74*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.01*	
		For Tinted Glass, Add	*8.85*	
		For Reflective Coated Glass, Add	*13.27*	
		For Low-E Coated Glass, Add	*11.06*	
		For One Piece Heat Strengthened Glass, Add	*8.85*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*8.85*	
		Note: Double UOM if applied for both interior and exterior glazing		
08 81 23 23-0049	SF	1/2" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	76.19	
		For >50 To 200, Deduct	*-3.79*	
		For >200 To 400, Deduct	*-7.08*	
		For >400, Deduct	*-9.87*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.81*	
		For Tinted Glass, Add	*10.22*	
		For Reflective Coated Glass, Add	*15.33*	
		For Low-E Coated Glass, Add	*12.78*	
		For One Piece Heat Strengthened Glass, Add	*10.22*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*10.22*	
		Note: Double UOM if applied for both interior and exterior glazing		
08 81 23 23-0050		Insulated Field Installed Glass *(08 81 23 23)*		
08 81 23 23-0051		Insulated Glass, Field Installed Glass *(08 81 23 23-0050)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 23-0052		3/16" Air Space, Insulated, Field Installed Glass *(08 81 23 23-0051)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 23-0053	SF	3/8" Thick, Insulated Field Installed Glass	41.86	
		Note: Two 3/32" lites with 3/16" air space.		
		For >50 To 200, Deduct	*-2.46*	
		For >200 To 400, Deduct	*-4.52*	
		For >400, Deduct	*-6.17*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.05*	
		For Tinted Glass, Add	*3.27*	
		For Reflective Coated Glass, Add	*6.54*	
		For Low-E Coated Glass, Add	*5.45*	
		For One Piece Heat Strengthened Glass, Add	*4.36*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*4.36*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*9.27*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0054	SF	1/2" Thick, Insulated Field Installed Glass	44.72	
		Note: One 3/16" lite and one 1/8" lite with 3/16" air space.		
		For >50 To 200, Deduct	*-2.60*	
		For >200 To 400, Deduct	*-4.77*	
		For >400, Deduct	*-6.53*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.68*	
		For Tinted Glass, Add	*3.57*	
		For Reflective Coated Glass, Add	*7.15*	
		For Low-E Coated Glass, Add	*5.96*	
		For One Piece Heat Strengthened Glass, Add	*4.76*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*4.76*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*10.12*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.28*	
08 81 23 23-0055	SF	9/16" Thick, Insulated Field Installed Glass	45.11	
		Note: Two 3/16" lites with 3/16" air space.		
		For >50 To 200, Deduct	*-2.63*	
		For >200 To 400, Deduct	*-4.83*	
		For >400, Deduct	*-6.61*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.94*	
		For Tinted Glass, Add	*3.58*	
		For Reflective Coated Glass, Add	*7.16*	
		For Low-E Coated Glass, Add	*5.97*	
		For One Piece Heat Strengthened Glass, Add	*4.77*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*4.77*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*10.14*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.28*	

08 81 23 23-0056 1/4" Air Space, Insulated, Field Installed Glass *(08 81 23 23-0051)*

Note: Type I, Class I, Quality Q3.

08 81 23 23-0057	SF	7/16" Thick, Insulated Field Installed Glass	42.86	
		Note: Two 3/32" lites with 1/4" air space.		
		For >50 To 200, Deduct	*-2.51*	
		For >200 To 400, Deduct	*-4.61*	
		For >400, Deduct	*-6.31*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.32*	
		For Tinted Glass, Add	*3.37*	
		For Reflective Coated Glass, Add	*6.73*	
		For Low-E Coated Glass, Add	*5.61*	
		For One Piece Heat Strengthened Glass, Add	*4.49*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*4.49*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*9.54*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.09*	
08 81 23 23-0058	SF	1/2" Thick, Insulated Field Installed Glass	44.72	
		Note: Two 1/8" lites with 1/4" air space.		
		For >50 To 200, Deduct	*-2.60*	
		For >200 To 400, Deduct	*-4.77*	
		For >400, Deduct	*-6.53*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.68*	
		For Tinted Glass, Add	*3.57*	
		For Reflective Coated Glass, Add	*7.15*	
		For Low-E Coated Glass, Add	*5.96*	
		For One Piece Heat Strengthened Glass, Add	*4.76*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*4.76*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*10.12*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.28*	
08 81 23 23-0059	SF	5/8" Thick, Insulated Field Installed Glass	46.38	
		Note: Two 3/16" lites with 1/4" air space.		
		For >50 To 200, Deduct	*-2.73*	
		For >200 To 400, Deduct	*-5.01*	
		For >400, Deduct	*-6.85*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.72*	
		For Tinted Glass, Add	*3.61*	
		For Reflective Coated Glass, Add	*7.23*	
		For Low-E Coated Glass, Add	*6.02*	
		For One Piece Heat Strengthened Glass, Add	*4.82*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*4.82*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*10.24*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0060	SF	5/8" Thick, Insulated Field Installed Glass	46.38	
		Note: One 1/4" lite and one 1/8" lite with 1/4" air space.		
		For >50 To 200, Deduct	*-2.73*	
		For >200 To 400, Deduct	*-5.01*	
		For >400, Deduct	*-6.85*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.72*	
		For Tinted Glass, Add	*3.61*	
		For Reflective Coated Glass, Add	*7.23*	
		For Low-E Coated Glass, Add	*6.02*	
		For One Piece Heat Strengthened Glass, Add	*4.82*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*4.82*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*10.24*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.31*	
08 81 23 23-0061	SF	3/4" Thick, Insulated Field Installed Glass	51.87	
		Note: Two 1/4" lites with 1/4" air space.		
		For >50 To 200, Deduct	*-3.02*	
		For >200 To 400, Deduct	*-5.55*	
		For >400, Deduct	*-7.59*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.25*	
		For Tinted Glass, Add	*4.13*	
		For Reflective Coated Glass, Add	*8.26*	
		For Low-E Coated Glass, Add	*6.89*	
		For One Piece Heat Strengthened Glass, Add	*5.51*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*5.51*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*11.70*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.79*	

08 81 23 23-0062 3/8" Air Space, Insulated, Field Installed Glass *(08 81 23 23-0051)*

Note: Type I, Class I, Quality Q3.

08 81 23 23-0063	SF	5/8" Thick, Insulated Field Installed Glass	46.38	
		Note: Two 1/8" lites with 3/8" air space.		
		For >50 To 200, Deduct	*-2.73*	
		For >200 To 400, Deduct	*-5.01*	
		For >400, Deduct	*-6.85*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.72*	
		For Tinted Glass, Add	*3.61*	
		For Reflective Coated Glass, Add	*7.23*	
		For Low-E Coated Glass, Add	*6.02*	
		For One Piece Heat Strengthened Glass, Add	*4.82*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*4.82*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*10.24*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.31*	
08 81 23 23-0064	SF	3/4" Thick, Insulated Field Installed Glass	49.57	
		Note: Two 3/16" lites with 3/8" air space.		
		For >50 To 200, Deduct	*-2.95*	
		For >200 To 400, Deduct	*-5.41*	
		For >400, Deduct	*-7.38*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.25*	
		For Tinted Glass, Add	*3.79*	
		For Reflective Coated Glass, Add	*7.57*	
		For Low-E Coated Glass, Add	*6.31*	
		For One Piece Heat Strengthened Glass, Add	*5.05*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*5.05*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*10.73*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.47*	
08 81 23 23-0065	SF	7/8" Thick, Insulated Field Installed Glass	52.83	
		Note: Two 1/4" lites with 3/8" air space.		
		For >50 To 200, Deduct	*-3.08*	
		For >200 To 400, Deduct	*-5.65*	
		For >400, Deduct	*-7.74*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.63*	
		For Tinted Glass, Add	*4.20*	
		For Reflective Coated Glass, Add	*8.40*	
		For Low-E Coated Glass, Add	*7.00*	
		For One Piece Heat Strengthened Glass, Add	*5.60*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*5.60*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*11.90*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0066	SF	1" Thick, Insulated Field Installed Glass	56.70	
		Note: Two 5/16" lites with 3/8" air space.		
		For >50 To 200, Deduct	*-3.21*	
		For >200 To 400, Deduct	*-5.91*	
		For >400, Deduct	*-8.11*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.81*	
		For Tinted Glass, Add	*4.74*	
		For Reflective Coated Glass, Add	*9.49*	
		For Low-E Coated Glass, Add	*7.91*	
		For One Piece Heat Strengthened Glass, Add	*6.32*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*6.32*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*13.44*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*4.35*	
08 81 23 23-0067		1/2" Air Space, Insulated, Field Installed Glass *(08 81 23 23-0051)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 23-0068	SF	3/4" Thick, Insulated Field Installed Glass	49.57	
		Note: Two 1/8" lites with 1/2" air space.		
		For >50 To 200, Deduct	*-2.95*	
		For >200 To 400, Deduct	*-5.41*	
		For >400, Deduct	*-7.38*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.25*	
		For Tinted Glass, Add	*3.79*	
		For Reflective Coated Glass, Add	*7.57*	
		For Low-E Coated Glass, Add	*6.31*	
		For One Piece Heat Strengthened Glass, Add	*5.05*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*5.05*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*10.73*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.47*	
08 81 23 23-0069	SF	7/8" Thick, Insulated Field Installed Glass	52.83	
		Note: Two 3/16" lites with 1/2" air space.		
		For >50 To 200, Deduct	*-3.08*	
		For >200 To 400, Deduct	*-5.65*	
		For >400, Deduct	*-7.74*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.63*	
		For Tinted Glass, Add	*4.20*	
		For Reflective Coated Glass, Add	*8.40*	
		For Low-E Coated Glass, Add	*7.00*	
		For One Piece Heat Strengthened Glass, Add	*5.60*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*5.60*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*11.90*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.85*	
08 81 23 23-0070	SF	7/8" Thick, Insulated Field Installed Glass	52.83	
		Note: One 1/4" lite and one 1/8" lite with 1/2" air space.		
		For >50 To 200, Deduct	*-3.08*	
		For >200 To 400, Deduct	*-5.65*	
		For >400, Deduct	*-7.74*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.63*	
		For Tinted Glass, Add	*4.20*	
		For Reflective Coated Glass, Add	*8.40*	
		For Low-E Coated Glass, Add	*7.00*	
		For One Piece Heat Strengthened Glass, Add	*5.60*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*5.60*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*11.90*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.85*	
08 81 23 23-0071	SF	1" Thick, Insulated Field Installed Glass	55.69	
		Note: Two 1/4" lites with 1/2" air space.		
		For >50 To 200, Deduct	*-3.18*	
		For >200 To 400, Deduct	*-5.85*	
		For >400, Deduct	*-8.02*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.81*	
		For Tinted Glass, Add	*4.59*	
		For Reflective Coated Glass, Add	*9.18*	
		For Low-E Coated Glass, Add	*7.65*	
		For One Piece Heat Strengthened Glass, Add	*6.12*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*6.12*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*13.01*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*4.21*	
08 81 23 23-0072		Spandrel Field Installed Glass *(08 81 23 23)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0073		Monolithic Float Glass Panels Ceramic Back, Coated, Field Installed Glass *(08 81 23 23-0072)*		
08 81 23 23-0074	SF	1/4" - 5/16" Spandrel Glass, Up To 1,000 SF, Field Installed Glass	43.50	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.93*	
08 81 23 23-0075	SF	1/4" - 5/16" Spandrel Glass, >1,000 SF, Field Installed Glass	38.43	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.93*	
08 81 23 23-0076		Insulating Float Glass Panels Ceramic Back, Coated, Tempered, Field Installed Glass *(08 81 23 23-0072)*		
08 81 23 23-0077		1/4" Glass With 1" Fiberglass Insulation, Field Installed Glass *(08 81 23 23-0076)*		
		Note: Also with aluminum foil vapor barrier.		
08 81 23 23-0078	SF	1/4" Spandrel Glass With 1" Fiberglass Insulation Up To 20,000 SF, Foil Vapor Barrier, Field Installed Glass	48.77	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.93*	
08 81 23 23-0079	SF	1/4" Spandrel Glass With 1" Fiberglass Insulation >20,000 SF, Foil Vapor Barrier, Field Installed Glass	43.03	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.93*	
08 81 23 23-0080		1/4" Glass With 3/4 To 7/8" Insulation, Field Installed Glass *(08 81 23 23-0076)*		
08 81 23 23-0081	SF	1/4" Spandrel Glass, 3/4" - 7/8" Insulation 24 Gauge Steel Interfacing, Field Installed Glass	58.74	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.93*	
08 81 23 23-0082	SF	1/4" Spandrel Glass, 3/4" - 7/8" Insulation 16 Gauge Steel Interfacing, Field Installed Glass	47.46	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.93*	

08 83 Mirrors *(08 80)*

Note: Kind FT, Type I, Class I, Quality Q1.

08 83 13 Mirrored Glass Glazing *(08 83)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 83 13 00-0001		Mirror Glass *(08 83 13)*		
08 83 13 00-0002		One-Way Vision Glass (Transparent Mirrors) *(08 83 13 00-0001)*		
08 83 13 00-0003	SF	1/4" One-Way Vision Glass (Transparent Mirrors)	96.36	8.95
		For >50 To 200, Deduct	*-2.36*	
		For >200 To 400, Deduct	*-3.93*	
		For >400, Deduct	*-6.29*	
08 83 13 00-0004		Tempered, One-Way Vision Glass (Transparent Mirrors) *(08 83 13 00-0001)*		
08 83 13 00-0005	SF	1/4" Tempered, One-Way Vision Glass (Transparent Mirrors)	135.49	8.95
		For >50 To 200, Deduct	*-3.53*	
		For >200 To 400, Deduct	*-5.89*	
		For >400, Deduct	*-9.42*	
08 83 13 00-0006		Clear Mirror Glass *(08 83 13 00-0001)*		
08 83 13 00-0007	SF	1/8" Clear Mirror Glass	31.81	7.17
		For >50 To 200, Deduct	*-0.52*	
		For >200 To 400, Deduct	*-0.87*	
		For >400, Deduct	*-1.40*	
08 83 13 00-0008	SF	3/16" Clear Mirror Glass	37.64	8.36
		For >50 To 200, Deduct	*-0.64*	
		For >200 To 400, Deduct	*-1.06*	
		For >400, Deduct	*-1.69*	
08 83 13 00-0009	SF	1/4" Clear Mirror Glass	41.29	8.95
		For >50 To 200, Deduct	*-0.71*	
		For >200 To 400, Deduct	*-1.18*	
		For >400, Deduct	*-1.89*	
08 83 13 00-0010		Tempered, Clear Mirror Glass *(08 83 13 00-0001)*		
08 83 13 00-0011	SF	1/8" Tempered, Clear Mirror Glass	52.80	7.17
		For >50 To 200, Deduct	*-1.15*	
		For >200 To 400, Deduct	*-1.92*	
		For >400, Deduct	*-3.08*	
08 83 13 00-0012	SF	3/16" Tempered, Clear Mirror Glass	59.92	8.36
		For >50 To 200, Deduct	*-1.30*	
		For >200 To 400, Deduct	*-2.17*	
		For >400, Deduct	*-3.48*	
08 83 13 00-0013	SF	1/4" Tempered, Clear Mirror Glass	66.12	8.95
		For >50 To 200, Deduct	*-1.45*	
		For >200 To 400, Deduct	*-2.42*	
		For >400, Deduct	*-3.87*	
08 83 13 00-0014		Clear Mirror Glass With Laminated Safety Backing *(08 83 13 00-0001)*		
08 83 13 00-0015	SF	1/4" Clear Mirror Glass With Laminated Safety Backing	43.44	8.95
		For >50 To 200, Deduct	*-0.77*	
		For >200 To 400, Deduct	*-1.29*	
		For >400, Deduct	*-2.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 83 13 00-0016		**Laminated Safety Mirror Glass** *(08 83 13 00-0001)* Note: Clear glass laminated to face of mirror with PVB interlayer.		
08 83 13 00-0017	SF	1/4" Laminated Safety Mirror Glass	83.57	8.95
		For >50 To 200, Deduct	*-1.98*	
		For >200 To 400, Deduct	*-3.29*	
		For >400, Deduct	*-5.27*	
08 83 13 00-0018		**Accessories For Mirror Glass** *(08 83 13)*		
08 83 13 00-0019	LF	1/8" Aluminum J-Channel For Mounting Mirror Glass	5.75	
08 83 13 00-0020	LF	3/16" Aluminum J-Channel For Mounting Mirror Glass	5.86	
08 83 13 00-0021	LF	1/4" Aluminum J-Channel For Mounting Mirror Glass	7.34	
08 83 13 00-0022	LF	Aluminum Frame For Mounting Mirror Glass	9.42	

08 84 Plastic Glazing *(08 80)*

Note: Demolition (use glass removal modifiers) for all glazing includes removal of glazing (broken or whole), sealant compound and/or astragal, taking down and resetting mullion where necessary.

08 84 00 00-0001		**Clear Polycarbonate Glazing (GE Lexan)** *(08 84)*		
08 84 00 00-0002	SF	1/8" Thick, Clear Polycarbonate Glazing (GE Lexan)	19.74	
		For >50 To 200, Deduct	*-0.42*	
		For >200 To 400, Deduct	*-0.85*	
		For >400, Deduct	*-1.27*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.26*	
08 84 00 00-0003	SF	3/16" Thick, Clear Polycarbonate Glazing (GE Lexan)	20.78	
		For >50 To 200, Deduct	*-0.45*	
		For >200 To 400, Deduct	*-0.91*	
		For >400, Deduct	*-1.36*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.70*	
08 84 00 00-0004	SF	1/4" Thick, Clear Polycarbonate Glazing (GE Lexan)	24.48	
		For >50 To 200, Deduct	*-0.62*	
		For >200 To 400, Deduct	*-1.23*	
		For >400, Deduct	*-1.85*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.17*	
08 84 00 00-0005	SF	3/8" Thick, Clear Polycarbonate Glazing (GE Lexan)	34.63	
		For >50 To 200, Deduct	*-1.11*	
		For >200 To 400, Deduct	*-2.21*	
		For >400, Deduct	*-3.32*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.52*	
08 84 00 00-0006	SF	1/2" Thick, Clear Polycarbonate Glazing (GE Lexan)	43.48	
		For >50 To 200, Deduct	*-1.50*	
		For >200 To 400, Deduct	*-3.01*	
		For >400, Deduct	*-4.51*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.43*	
08 84 00 00-0007		**Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)** *(08 84)*		
08 84 00 00-0008	SF	1/8" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	28.70	
		For >50 To 200, Deduct	*-0.87*	
		For >200 To 400, Deduct	*-1.74*	
		For >400, Deduct	*-2.62*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.26*	
08 84 00 00-0009	SF	3/16" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	33.16	
		For >50 To 200, Deduct	*-1.07*	
		For >200 To 400, Deduct	*-2.15*	
		For >400, Deduct	*-3.22*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.70*	
08 84 00 00-0010	SF	1/4" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	35.01	
		For >50 To 200, Deduct	*-1.14*	
		For >200 To 400, Deduct	*-2.28*	
		For >400, Deduct	*-3.43*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.17*	
08 84 00 00-0011	SF	3/8" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	56.63	
		For >50 To 200, Deduct	*-2.21*	
		For >200 To 400, Deduct	*-4.41*	
		For >400, Deduct	*-6.62*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.52*	
08 84 00 00-0012	SF	1/2" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	60.18	
		For >50 To 200, Deduct	*-2.34*	
		For >200 To 400, Deduct	*-4.68*	
		For >400, Deduct	*-7.01*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.43*	
08 84 00 00-0013		**Clear Acrylic Glazing (Plexiglas)** *(08 84)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 84 00 00-0014	SF	1/10" Thick, Clear Acrylic Glazing (Plexiglas)	14.77	
		For >50 To 200, Deduct	*-0.20*	
		For >200 To 400, Deduct	*-0.40*	
		For >400, Deduct	*-0.60*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*10.75*	
		For Colored, Add	*0.80*	
		For Shatterproof, Add	*2.41*	
		For Mirrored, Add	*3.22*	
08 84 00 00-0015	SF	1/8" Thick, Clear Acrylic Glazing (Plexiglas)	15.32	
		For >50 To 200, Deduct	*-0.20*	
		For >200 To 400, Deduct	*-0.41*	
		For >400, Deduct	*-0.61*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.26*	
		For Colored, Add	*0.81*	
		For Shatterproof, Add	*2.44*	
		For Mirrored, Add	*3.25*	
08 84 00 00-0016	SF	3/16" Thick, Clear Acrylic Glazing (Plexiglas)	18.04	
		For >50 To 200, Deduct	*-0.32*	
		For >200 To 400, Deduct	*-0.63*	
		For >400, Deduct	*-0.95*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.70*	
		For Colored, Add	*1.27*	
		For Shatterproof, Add	*3.80*	
		For Mirrored, Add	*5.07*	
08 84 00 00-0017	SF	1/4" Thick, Clear Acrylic Glazing (Plexiglas)	20.53	
		For >50 To 200, Deduct	*-0.42*	
		For >200 To 400, Deduct	*-0.84*	
		For >400, Deduct	*-1.25*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.17*	
		For Colored, Add	*1.67*	
		For Shatterproof, Add	*5.02*	
		For Mirrored, Add	*6.69*	
08 84 00 00-0018	SF	5/16" Thick, Clear Acrylic Glazing (Plexiglas)	21.00	
		For >50 To 200, Deduct	*-0.44*	
		For >200 To 400, Deduct	*-0.88*	
		For >400, Deduct	*-1.31*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.24*	
		For Colored, Add	*1.75*	
		For Shatterproof, Add	*5.26*	
		For Mirrored, Add	*7.01*	
08 84 00 00-0019	SF	3/8" Thick, Clear Acrylic Glazing (Plexiglas)	21.67	
		For >50 To 200, Deduct	*-0.46*	
		For >200 To 400, Deduct	*-0.92*	
		For >400, Deduct	*-1.37*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.52*	
		For Colored, Add	*1.83*	
		For Shatterproof, Add	*5.49*	
		For Mirrored, Add	*7.32*	
08 84 00 00-0020	SF	1/2" Thick, Clear Acrylic Glazing (Plexiglas)	25.53	
		For >50 To 200, Deduct	*-0.61*	
		For >200 To 400, Deduct	*-1.21*	
		For >400, Deduct	*-1.82*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.43*	
		For Colored, Add	*2.42*	
		For Shatterproof, Add	*7.26*	
		For Mirrored, Add	*9.68*	
08 84 00 00-0021	SF	3/4" Thick, Clear Acrylic Glazing (Plexiglas)	35.85	
		For >50 To 200, Deduct	*-0.94*	
		For >200 To 400, Deduct	*-1.89*	
		For >400, Deduct	*-2.83*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.00*	
08 84 00 00-0022	SF	1" Thick, Clear Acrylic Glazing (Plexiglas)	47.46	
		For >50 To 200, Deduct	*-1.45*	
		For >200 To 400, Deduct	*-2.90*	
		For >400, Deduct	*-4.35*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.46*	

08 85 Glazing Accessories *(08 80)*

Note: Applicable to reglazing tasks only, new window installation includes the gasket.

08 85 00 00-0001 Framing For Glass Windscreens *(08 85)*

Note: Excludes glazing.

08 85 00 00-0002	LF	1-1/4" x 1-1/2" Aluminum Framed Window Walls	22.99	2.51
		For Bronze Anodized Aluminum, Add	*2.41*	
		For Stainless Steel, Add	*10.00*	
		For Black Anodized Finish, Add	*4.34*	
08 85 00 00-0003	LF	1-1/2" x 2" Aluminum Framed Window Walls	27.98	3.14
		For Bronze Anodized Aluminum, Add	*3.07*	
		For Stainless Steel, Add	*12.65*	
		For Black Anodized Finish, Add	*5.52*	
08 85 00 00-0004	LF	1-1/2" x 3" Aluminum Framed Window Walls	33.23	2.51
		For Bronze Anodized Aluminum, Add	*3.67*	
		For Stainless Steel, Add	*15.10*	
		For Black Anodized Finish, Add	*6.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 85 00 00-0005	LF	1-1/2" x 4" Aluminum Framed Window Walls	40.50	3.76
		For Bronze Anodized Aluminum, Add	*4.38*	
		For Stainless Steel, Add	*18.09*	
		For Black Anodized Finish, Add	*7.89*	
08 85 00 00-0006	LF	2" x 3" Aluminum Framed Window Walls	40.46	3.14
		For Bronze Anodized Aluminum, Add	*4.66*	
		For Stainless Steel, Add	*19.10*	
		For Black Anodized Finish, Add	*8.38*	
08 85 00 00-0007	LF	2" x 4" Aluminum Framed Window Walls	49.64	3.76
		For Bronze Anodized Aluminum, Add	*5.56*	
		For Stainless Steel, Add	*22.88*	
		For Black Anodized Finish, Add	*10.01*	

08 87 Glazing Surface Films *(08 80)*

08 87 13 Solar Control Films *(08 87)*

Note: Applied directly to one side of glazing with adhesive.

08 87 13 00-0001 Window Tinting And Film *(08 87 13)*

Note: Applied directly to one side of glazing with adhesive. Includes cleaning of window glazing prior to installation.

08 87 13 00-0002	SF	20% VLT, Bronze Window Tinting Film	10.91
08 87 13 00-0003	SF	50% VLT, Bronze Window Tinting Film	10.91
08 87 13 00-0004	SF	Tinted, Abrasion Resistant, Solar Control Window Film (3M Scotchtint™)	16.48
08 87 13 00-0005	SF	Low E, Abrasion Resistant, Solar Control Window Film (3M Scotchtint™)	16.97

08 87 23 Safety and Security Films *(08 87)*

08 87 23 16 Security Films *(08 87 23)*

Note: Applied directly to one side of glazing with adhesive and secured at window frame with clear silicone adhesive.

08 87 23 16-0001 High Performance, Security And Safety Glazing Films *(08 87 23 16)*

Note: Includes cleaning of window glazing prior to installation.

08 87 23 16-0002 Clear, High Performance, Security And Safety Glazing Films *(08 87 23 16-0001)*

08 87 23 16-0003	SF	0.002" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ SCLARL150)	16.70
		For >1,000 To 5,000, Deduct	*-0.77*
		For >5,000, Deduct	*-1.05*
08 87 23 16-0004	SF	0.004" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ SCLARL400)	17.63
		For >1,000 To 5,000, Deduct	*-0.81*
		For >5,000, Deduct	*-1.14*
08 87 23 16-0005	SF	0.006" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ Ultra600)	21.27
		For >1,000 To 5,000, Deduct	*-0.94*
		For >5,000, Deduct	*-1.50*

08 87 23 16-0006 Tinted, High Performance Sun/Solar, Security And Safety Glazing Films *(08 87 23 16-0001)*

08 87 23 16-0007	SF	0.004" Silver, 20% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S20SIAR400)	18.64
		For >1,000 To 5,000, Deduct	*-0.84*
		For >5,000, Deduct	*-1.24*
08 87 23 16-0008	SF	0.004" Neutral, 35% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S35NEAR400)	18.64
		For >1,000 To 5,000, Deduct	*-0.84*
		For >5,000, Deduct	*-1.24*
08 87 23 16-0009	SF	0.004" Neutral, 50% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S50NEAR400)	18.64
		For >1,000 To 5,000, Deduct	*-0.84*
		For >5,000, Deduct	*-1.24*

08 87 23 16-0010 Security And Safety Glazing Films *(08 87 23 16)*

Note: Includes cleaning of window glazing prior to installation.

08 87 23 16-0011	SF	0.007" Clear, Security And Safety Glazing Film (3M Scotchshield™ SH7CLARL)	15.68
		For >1,000 To 5,000, Deduct	*-0.74*
		For >5,000, Deduct	*-0.94*
08 87 23 16-0012	SF	0.008" Clear, Security And Safety Glazing Film (3M Scotchshield™ SH8CLARL)	15.93
		For >1,000 To 5,000, Deduct	*-0.75*
		For >5,000, Deduct	*-0.97*
08 87 23 16-0013	SF	0.014" Clear, Security And Safety Glazing Film (3M Scotchshield™ SH14CLARL)	18.25
		For >1,000 To 5,000, Deduct	*-0.83*
		For >5,000, Deduct	*-1.20*

08 87 23 16-0014 Anti-Graffiti Glazing Films *(08 87 23 16)*

Note: Includes cleaning of window glazing prior to installation.

08 87 23 16-0015	SF	0.004" Clear Anti-Graffiti Glazing Film (3M Scotchgard™ AG-4)	15.68
		For >1,000 To 5,000, Deduct	*-0.74*
		For >5,000, Deduct	*-0.94*
08 87 23 16-0016	SF	0.007" Clear Anti-Graffiti Glazing Film (3M Scotchgard™ AG-7)	15.93
		For >1,000 To 5,000, Deduct	*-0.75*
		For >5,000, Deduct	*-0.97*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 88 Special Function Glazing *(08 80)*

08 88 53 Security Glazing *(08 88)*

08 88 53 00-0001 Forced Entry And/or Ballistic Resistant All Glass Laminate *(08 88 53)*

08 88 53 00-0002 Ballistic Resistant Glass *(08 88 53 00-0001)*

08 88 53 00-0003	SF	1.28" All Glass Laminate Ballistic Resistant Glass, 16.2 Lb./SF, For A Single Piece, Up To 15 SF	151.72	
		For Glass Removal And Preparing Opening For New Glazing, Add	*59.22*	
08 88 53 00-0004	SF	1.28" All Glass Laminate Ballistic Resistant Glass, 16.2 Lb./SF, For A Single Piece, >15 SF	178.05	
		For Glass Removal And Preparing Opening For New Glazing, Add	*59.22*	
08 88 53 00-0005	SF	1.55" All Glass Laminate Ballistic Resistant Glass, 21.2 Lb./SF, For A Single Piece, Up To 15 SF	201.94	
		For Glass Removal And Preparing Opening For New Glazing, Add	*66.87*	
08 88 53 00-0006	SF	1.55" All Glass Laminate Ballistic Resistant Glass, 21.2 Lb./SF, For A Single Piece, >15 SF	223.92	
		For Glass Removal And Preparing Opening For New Glazing, Add	*66.87*	
08 88 53 00-0007	SF	2.05" All Glass Laminate Ballistic Resistant Glass, 26.1 Lb./SF, For A Single Piece, Up To 15 SF	254.51	
		For Glass Removal And Preparing Opening For New Glazing, Add	*76.42*	
08 88 53 00-0008	SF	2.05" All Glass Laminate Ballistic Resistant Glass, 26.1 Lb./SF, For A Single Piece, >15 SF	272.18	
		For Glass Removal And Preparing Opening For New Glazing, Add	*76.42*	

08 88 53 00-0009 Forced Entry Resistant Glass *(08 88 53 00-0001)*

08 88 53 00-0010	SF	5/16" Forced Entry Resistant Laminated Glass Sheet	55.92	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.92*	
08 88 53 00-0011	SF	1/2" Forced Entry Resistant Laminated Glass Sheet	63.47	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.92*	
08 88 53 00-0012	SF	11/16" Forced Entry Resistant Laminated Glass Sheet	72.38	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.06*	
08 88 53 00-0013	SF	7/8" Forced Entry Resistant Laminated Glass Sheet	87.55	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.37*	

08 88 53 00-0014 Glass Clad Polycarbonate *(08 88 53)*

08 88 53 00-0015	SF	0.75" Ballistic Resistant Glass/Poly, 7.84 Lb./SF	221.79	
		For Glass Removal And Preparing Opening For New Glazing, Add	*72.60*	
08 88 53 00-0016	SF	0.8125" Ballistic Resistant Glass/Poly, 8.99 Lb./SF	248.04	
		For Glass Removal And Preparing Opening For New Glazing, Add	*84.06*	
08 88 53 00-0017	SF	0.9375" Ballistic Resistant Glass/Poly, 11.11 Lb./SF	316.82	
		For Glass Removal And Preparing Opening For New Glazing, Add	*95.53*	

08 88 53 00-0018 Ballistic Resistant Acrylic *(08 88 53)*

08 88 53 00-0019	SF	1.25" Ballistic Resistant Acrylic Glass, 7.7 Lb./SF	235.41	
		For Glass Removal And Preparing Opening For New Glazing, Add	*72.60*	
08 88 53 00-0020	SF	1.378" Ballistic Resistant Acrylic Glass, 8.5 Lb./SF	275.26	
		For Glass Removal And Preparing Opening For New Glazing, Add	*84.06*	
08 88 53 00-0021	SF	1.25" Ballistic Resistant Acrylic Glass, 7.5 Lb./SF	357.67	
		For Glass Removal And Preparing Opening For New Glazing, Add	*95.53*	

08 88 53 00-0022 Ballistic Resistant Fiberglass *(08 88 53)*

08 88 53 00-0023	SF	5/16" Ballistic Resistant Fiberglass, Level 1, 3.2 Lb./SF	93.71	
		For Glass Removal And Preparing Opening For New Glazing, Add	*36.30*	
08 88 53 00-0024	SF	3/8" Ballistic Resistant Fiberglass, Level 2, 3.5 Lb./SF	110.85	
		For Glass Removal And Preparing Opening For New Glazing, Add	*42.03*	
08 88 53 00-0025	SF	7/16" Ballistic Resistant Fiberglass, Level 3, 4.5 Lb./SF	125.73	
		For Glass Removal And Preparing Opening For New Glazing, Add	*47.76*	

08 88 53 00-0026 Forced Entry And/or Ballistic Resistant Polycarbonate *(08 88 53)*

08 88 53 00-0027 Forced Entry Resistant Monolithic Polycarbonate *(08 88 53 00-0026)*
Note: (GE-Lexan MR10)

08 88 53 00-0028	SF	1/2" Overall Nominal Thickness, H.P. White TP-0500.01 Note: Level 1 or ASTM F1233, Class II (Step 5).	129.27	
		For Glass Removal And Preparing Opening For New Glazing, Add	*57.90*	

08 88 53 00-0029 Forced Entry Resistant Glass Clad Polycarbonate Laminate *(08 88 53 00-0026)*
Note: Chemically strengthened clear glass laminated to each side of a polycarbonate core. (GE-Insulgard)

08 88 53 00-0030	SF	9/16" Overall Nominal Thickness, H.P. White TP-0500.01	159.80	
		For Glass Removal And Preparing Opening For New Glazing, Add	*71.64*	

08 88 53 00-0031 Forced Entry Resistant Polycarbonate Laminate *(08 88 53 00-0026)*
Note: (GE-Lexgard MPC-500)

08 88 53 00-0032	SF	1/2" Overall Nominal Thickness, H.P. White TP-0500.01 Note: Level II (Step 12) Or ASTM 1233 Class III (Step 15).	196.92	
		For Glass Removal And Preparing Opening For New Glazing, Add	*76.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 88 53 00-0033		**Fire Resistant, Forced Entry Resistant Polycarbonate Laminate** *(08 88 53 00-0026)* Note: Wire glass clad. Chemically strengthened wire glass laminated to each side of a polycarbonate core. (GE-Firegard)		
08 88 53 00-0034	SF	7/8" Overall Nominal Thickness, H.P. White TP-0500.01 Note: UL-9 Fire Resistant.	215.93	
		For Glass Removal And Preparing Opening For New Glazing, Add	*81.20*	
08 88 53 00-0035		**Insulated, Forced Entry Resistant Polycarbonate Laminate** *(08 88 53 00-0026)* Note: Glass clad. Chemically strengthened wire glass laminated to each side of a polycarbonate core. (GE-Insulgard)		
08 88 53 00-0036	SF	1-5/16" Overall Nominal Thickness, H.P. White TP-0500.01 Note: Level I (1/4" tempered float glass, 1/2" airspace).	184.91	
		For Glass Removal And Preparing Opening For New Glazing, Add	*71.64*	
08 88 53 00-0037		**Ballistic And Forced Entry Resistant Polycarbonate Laminate** *(08 88 53 00-0026)*		
08 88 53 00-0038	SF	1" Nominal Thickness, Ballistic Or Forced Entry Resistant Note: 1" is the overall nominal thickness. (GE-Lexgard MP-1000) forced entry resistance: H.P. White TP-0500.01, level V (step 42) or ASTM 1233 class V (Step 40) ballistic resistance: UL 752, level 2-high powered small arms (.357 Magnum handgun).	426.92	
		For Glass Removal And Preparing Opening For New Glazing, Add	*158.57*	
08 88 53 00-0039	SF	1-1/4" Nominal Thickness, Ballistic Or Forced Entry Resistant Note: 1 1/4" is the overall nominal thickness. (GE-Lexgard MP-1000) forced entry resistance: H.P. White TP-0500.01, level V (Step 42) or ASTM 1233 class V (step 40) ballistic resistance: UL 752, level 3-super high powered small arms (.44 Magnum handgun).	432.32	
		For Glass Removal And Preparing Opening For New Glazing, Add	*158.57*	
08 88 53 00-0040		**Ballistic Resistant Glass Clad Polycarbonate Laminate** *(08 88 53 00-0026)* Note: Chemically strengthened clear glass laminated to attack side of a polycarbonate core.		
08 88 53 00-0041	SF	1-5/16" Overall Nominal Thickness, Ballistic Resistant Note: UL 752, Level 4 - Super High Powered Rifle (.30-06 Rifle), (GE-Armor-Gard).	284.08	
		For Glass Removal And Preparing Opening For New Glazing, Add	*106.98*	

08 90 Louvers and Vents *(08)*

08 91 Louvers *(08 90)*

08 91 13 Motorized Wall Louvers *(08 91)*

08 91 13 00-0001		**Motorized Wall Louver Actuator** *(08 91 13)* See CSI section 08 91 16 00-0001 for adjustable intake wall louvers.		
08 91 13 00-0002	EA	115 Volt Actuator For Adjustable Intake Louver	1,925.25	115.53
08 91 13 00-0003	EA	230 Volt Actuator For Adjustable Intake Louver	2,942.94	115.53
08 91 13 00-0004	EA	24 Volt Actuator For Adjustable Intake Louver	2,070.31	115.53
08 91 13 00-0005	EA	115 Volt Hazardous Location Actuator For Adjustable Intake Louver	8,043.83	115.53

08 91 16 Operable Wall Louvers *(08 91)*

08 91 16 00-0001		**Adjustable Intake Wall Louvers** *(08 91 16)* See CSI section 08 91 16 00-0137 for adjustable intake wall louver operators.		
08 91 16 00-0002	EA	12" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	526.95	30.58
		For Flange Frame, Add	*46.58*	
		For Clear Lacquer Finish, Add	*93.16*	
		For Baked Enamel Standard Colors, Add	*139.73*	
		For Anodized Finish, Add	*186.31*	
		For Kynar® Standard Colors Finish, Add	*256.18*	
08 91 16 00-0003	EA	12" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	658.40	37.38
		For Flange Frame, Add	*58.36*	
		For Clear Lacquer Finish, Add	*116.73*	
		For Baked Enamel Standard Colors, Add	*175.09*	
		For Anodized Finish, Add	*233.46*	
		For Kynar® Standard Colors Finish, Add	*321.00*	
08 91 16 00-0004	EA	12" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	778.52	44.18
		For Flange Frame, Add	*69.02*	
		For Clear Lacquer Finish, Add	*138.03*	
		For Baked Enamel Standard Colors, Add	*207.05*	
		For Anodized Finish, Add	*276.07*	
		For Kynar® Standard Colors Finish, Add	*379.59*	
08 91 16 00-0005	EA	12" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	911.10	50.97
		For Flange Frame, Add	*80.92*	
		For Clear Lacquer Finish, Add	*161.83*	
		For Baked Enamel Standard Colors, Add	*242.75*	
		For Anodized Finish, Add	*323.66*	
		For Kynar® Standard Colors Finish, Add	*445.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0006	EA	12" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum	1,026.69	57.77
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*91.12*	
		For Clear Lacquer Finish, Add	*182.23*	
		For Baked Enamel Standard Colors, Add	*273.35*	
		For Anodized Finish, Add	*364.46*	
		For Kynar® Standard Colors Finish, Add	*501.14*	
08 91 16 00-0007	EA	12" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum	1,211.41	64.57
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*108.23*	
		For Clear Lacquer Finish, Add	*216.46*	
		For Baked Enamel Standard Colors, Add	*324.68*	
		For Anodized Finish, Add	*432.91*	
		For Kynar® Standard Colors Finish, Add	*595.25*	
08 91 16 00-0008	EA	12" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum	1,380.26	71.36
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*123.75*	
		For Clear Lacquer Finish, Add	*247.51*	
		For Baked Enamel Standard Colors, Add	*371.26*	
		For Anodized Finish, Add	*495.02*	
		For Kynar® Standard Colors Finish, Add	*680.65*	
08 91 16 00-0009	EA	12" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	1,533.25	81.56
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*137.01*	
		For Clear Lacquer Finish, Add	*274.03*	
		For Baked Enamel Standard Colors, Add	*411.04*	
		For Anodized Finish, Add	*548.06*	
		For Kynar® Standard Colors Finish, Add	*753.58*	
08 91 16 00-0010	EA	12" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum	1,636.36	88.35
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*145.97*	
		For Clear Lacquer Finish, Add	*291.93*	
		For Baked Enamel Standard Colors, Add	*437.90*	
		For Anodized Finish, Add	*583.86*	
		For Kynar® Standard Colors Finish, Add	*802.81*	
08 91 16 00-0011	EA	12" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum	1,765.55	95.14
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*157.53*	
		For Clear Lacquer Finish, Add	*315.05*	
		For Baked Enamel Standard Colors, Add	*472.58*	
		For Anodized Finish, Add	*630.10*	
		For Kynar® Standard Colors Finish, Add	*866.39*	
08 91 16 00-0012	EA	12" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	1,878.88	101.94
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*167.50*	
		For Clear Lacquer Finish, Add	*335.00*	
		For Baked Enamel Standard Colors, Add	*502.50*	
		For Anodized Finish, Add	*670.00*	
		For Kynar® Standard Colors Finish, Add	*921.24*	
08 91 16 00-0013	EA	12" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	2,023.93	108.74
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*180.65*	
		For Clear Lacquer Finish, Add	*361.29*	
		For Baked Enamel Standard Colors, Add	*541.94*	
		For Anodized Finish, Add	*722.58*	
		For Kynar® Standard Colors Finish, Add	*993.55*	
08 91 16 00-0014	EA	12" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum	2,163.31	115.53
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*193.22*	
		For Clear Lacquer Finish, Add	*386.45*	
		For Baked Enamel Standard Colors, Add	*579.67*	
		For Anodized Finish, Add	*772.90*	
		For Kynar® Standard Colors Finish, Add	*1,062.73*	
08 91 16 00-0015	EA	12" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum	2,336.70	125.73
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*208.52*	
		For Clear Lacquer Finish, Add	*417.05*	
		For Baked Enamel Standard Colors, Add	*625.57*	
		For Anodized Finish, Add	*834.10*	
		For Kynar® Standard Colors Finish, Add	*1,146.88*	
08 91 16 00-0016	EA	12" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	2,464.74	135.92
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*219.29*	
		For Clear Lacquer Finish, Add	*438.58*	
		For Baked Enamel Standard Colors, Add	*657.87*	
		For Anodized Finish, Add	*877.16*	
		For Kynar® Standard Colors Finish, Add	*1,206.10*	
08 91 16 00-0017	EA	18" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum	591.54	37.38
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*51.68*	
		For Clear Lacquer Finish, Add	*103.36*	
		For Baked Enamel Standard Colors, Add	*155.03*	
		For Anodized Finish, Add	*206.71*	
		For Kynar® Standard Colors Finish, Add	*284.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0018	EA	18" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum	746.78	47.58
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*65.16*	
		For Clear Lacquer Finish, Add	*130.33*	
		For Baked Enamel Standard Colors, Add	*195.49*	
		For Anodized Finish, Add	*260.66*	
		For Kynar® Standard Colors Finish, Add	*358.40*	
08 91 16 00-0019	EA	18" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum	875.97	54.37
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*76.72*	
		For Clear Lacquer Finish, Add	*153.45*	
		For Baked Enamel Standard Colors, Add	*230.17*	
		For Anodized Finish, Add	*306.89*	
		For Kynar® Standard Colors Finish, Add	*421.98*	
08 91 16 00-0020	EA	18" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum	1,090.14	67.97
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*95.42*	
		For Clear Lacquer Finish, Add	*190.84*	
		For Baked Enamel Standard Colors, Add	*286.27*	
		For Anodized Finish, Add	*381.69*	
		For Kynar® Standard Colors Finish, Add	*524.82*	
08 91 16 00-0021	EA	18" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum	1,239.74	74.76
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*109.02*	
		For Clear Lacquer Finish, Add	*218.04*	
		For Baked Enamel Standard Colors, Add	*327.07*	
		For Anodized Finish, Add	*436.09*	
		For Kynar® Standard Colors Finish, Add	*599.62*	
08 91 16 00-0022	EA	18" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum	1,389.32	81.56
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*122.62*	
		For Clear Lacquer Finish, Add	*245.24*	
		For Baked Enamel Standard Colors, Add	*367.86*	
		For Anodized Finish, Add	*490.48*	
		For Kynar® Standard Colors Finish, Add	*674.42*	
08 91 16 00-0023	EA	18" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum	1,568.37	88.35
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*139.17*	
		For Clear Lacquer Finish, Add	*278.33*	
		For Baked Enamel Standard Colors, Add	*417.50*	
		For Anodized Finish, Add	*556.67*	
		For Kynar® Standard Colors Finish, Add	*765.42*	
08 91 16 00-0024	EA	18" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	1,739.48	98.54
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*154.24*	
		For Clear Lacquer Finish, Add	*308.48*	
		For Baked Enamel Standard Colors, Add	*462.72*	
		For Anodized Finish, Add	*616.96*	
		For Kynar® Standard Colors Finish, Add	*848.31*	
08 91 16 00-0025	EA	18" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum	1,876.60	108.74
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*165.91*	
		For Clear Lacquer Finish, Add	*331.82*	
		For Baked Enamel Standard Colors, Add	*497.74*	
		For Anodized Finish, Add	*663.65*	
		For Kynar® Standard Colors Finish, Add	*912.52*	
08 91 16 00-0026	EA	18" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum	2,008.05	115.53
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*177.70*	
		For Clear Lacquer Finish, Add	*355.40*	
		For Baked Enamel Standard Colors, Add	*533.09*	
		For Anodized Finish, Add	*710.79*	
		For Kynar® Standard Colors Finish, Add	*977.34*	
08 91 16 00-0027	EA	18" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	2,131.58	122.33
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*188.69*	
		For Clear Lacquer Finish, Add	*377.38*	
		For Baked Enamel Standard Colors, Add	*566.07*	
		For Anodized Finish, Add	*754.76*	
		For Kynar® Standard Colors Finish, Add	*1,037.80*	
08 91 16 00-0028	EA	18" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	2,291.36	129.13
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*203.31*	
		For Clear Lacquer Finish, Add	*406.62*	
		For Baked Enamel Standard Colors, Add	*609.93*	
		For Anodized Finish, Add	*813.24*	
		For Kynar® Standard Colors Finish, Add	*1,118.21*	
08 91 16 00-0029	EA	18" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum	2,445.47	135.92
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*217.36*	
		For Clear Lacquer Finish, Add	*434.73*	
		For Baked Enamel Standard Colors, Add	*652.09*	
		For Anodized Finish, Add	*869.45*	
		For Kynar® Standard Colors Finish, Add	*1,195.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0030	EA	18" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,633.59	146.12
		For Flange Frame, Add	*234.14*	
		For Clear Lacquer Finish, Add	*468.27*	
		For Baked Enamel Standard Colors, Add	*702.41*	
		For Anodized Finish, Add	*936.54*	
		For Kynar® Standard Colors Finish, Add	*1,287.75*	
08 91 16 00-0031	EA	18" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,776.37	156.31
		For Flange Frame, Add	*246.38*	
		For Clear Lacquer Finish, Add	*492.75*	
		For Baked Enamel Standard Colors, Add	*739.13*	
		For Anodized Finish, Add	*985.50*	
		For Kynar® Standard Colors Finish, Add	*1,355.06*	
08 91 16 00-0032	EA	24" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	661.79	44.18
		For Flange Frame, Add	*57.34*	
		For Clear Lacquer Finish, Add	*114.69*	
		For Baked Enamel Standard Colors, Add	*172.03*	
		For Anodized Finish, Add	*229.38*	
		For Kynar® Standard Colors Finish, Add	*315.39*	
08 91 16 00-0033	EA	24" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	839.71	54.37
		For Flange Frame, Add	*73.10*	
		For Clear Lacquer Finish, Add	*146.19*	
		For Baked Enamel Standard Colors, Add	*219.29*	
		For Anodized Finish, Add	*292.39*	
		For Kynar® Standard Colors Finish, Add	*402.03*	
08 91 16 00-0034	EA	24" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,040.29	64.57
		For Flange Frame, Add	*91.12*	
		For Clear Lacquer Finish, Add	*182.23*	
		For Baked Enamel Standard Colors, Add	*273.35*	
		For Anodized Finish, Add	*364.46*	
		For Kynar® Standard Colors Finish, Add	*501.14*	
08 91 16 00-0035	EA	24" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,227.26	78.16
		For Flange Frame, Add	*107.10*	
		For Clear Lacquer Finish, Add	*214.19*	
		For Baked Enamel Standard Colors, Add	*321.29*	
		For Anodized Finish, Add	*428.38*	
		For Kynar® Standard Colors Finish, Add	*589.02*	
08 91 16 00-0036	EA	24" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,391.59	84.96
		For Flange Frame, Add	*122.17*	
		For Clear Lacquer Finish, Add	*244.34*	
		For Baked Enamel Standard Colors, Add	*366.50*	
		For Anodized Finish, Add	*488.67*	
		For Kynar® Standard Colors Finish, Add	*671.92*	
08 91 16 00-0037	EA	24" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,564.97	91.74
		For Flange Frame, Add	*138.15*	
		For Clear Lacquer Finish, Add	*276.29*	
		For Baked Enamel Standard Colors, Add	*414.44*	
		For Anodized Finish, Add	*552.59*	
		For Kynar® Standard Colors Finish, Add	*759.81*	
08 91 16 00-0038	EA	24" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,779.15	101.94
		For Flange Frame, Add	*157.53*	
		For Clear Lacquer Finish, Add	*315.05*	
		For Baked Enamel Standard Colors, Add	*472.58*	
		For Anodized Finish, Add	*630.10*	
		For Kynar® Standard Colors Finish, Add	*866.39*	
08 91 16 00-0039	EA	24" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,960.46	115.53
		For Flange Frame, Add	*172.94*	
		For Clear Lacquer Finish, Add	*345.88*	
		For Baked Enamel Standard Colors, Add	*518.82*	
		For Anodized Finish, Add	*691.76*	
		For Kynar® Standard Colors Finish, Add	*951.16*	
08 91 16 00-0040	EA	24" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,100.98	122.33
		For Flange Frame, Add	*185.63*	
		For Clear Lacquer Finish, Add	*371.26*	
		For Baked Enamel Standard Colors, Add	*556.89*	
		For Anodized Finish, Add	*742.52*	
		For Kynar® Standard Colors Finish, Add	*1,020.97*	
08 91 16 00-0041	EA	24" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,255.08	135.92
		For Flange Frame, Add	*198.32*	
		For Clear Lacquer Finish, Add	*396.65*	
		For Baked Enamel Standard Colors, Add	*594.97*	
		For Anodized Finish, Add	*793.30*	
		For Kynar® Standard Colors Finish, Add	*1,090.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0042	EA	24" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,397.87	142.72
		For Flange Frame, Add	*211.24*	
		For Clear Lacquer Finish, Add	*422.49*	
		For Baked Enamel Standard Colors, Add	*633.73*	
		For Anodized Finish, Add	*844.97*	
		For Kynar® Standard Colors Finish, Add	*1,161.84*	
08 91 16 00-0043	EA	24" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,591.66	149.52
		For Flange Frame, Add	*229.26*	
		For Clear Lacquer Finish, Add	*458.53*	
		For Baked Enamel Standard Colors, Add	*687.79*	
		For Anodized Finish, Add	*917.05*	
		For Kynar® Standard Colors Finish, Add	*1,260.95*	
08 91 16 00-0044	EA	24" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,755.97	156.31
		For Flange Frame, Add	*244.34*	
		For Clear Lacquer Finish, Add	*488.67*	
		For Baked Enamel Standard Colors, Add	*733.01*	
		For Anodized Finish, Add	*977.34*	
		For Kynar® Standard Colors Finish, Add	*1,343.84*	
08 91 16 00-0045	EA	24" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,963.35	166.51
		For Flange Frame, Add	*263.03*	
		For Clear Lacquer Finish, Add	*526.07*	
		For Baked Enamel Standard Colors, Add	*789.10*	
		For Anodized Finish, Add	*1,052.14*	
		For Kynar® Standard Colors Finish, Add	*1,446.69*	
08 91 16 00-0046	EA	24" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,116.34	176.70
		For Flange Frame, Add	*276.29*	
		For Clear Lacquer Finish, Add	*552.59*	
		For Baked Enamel Standard Colors, Add	*828.88*	
		For Anodized Finish, Add	*1,105.18*	
		For Kynar® Standard Colors Finish, Add	*1,519.62*	
08 91 16 00-0047	EA	30" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	737.71	50.97
		For Flange Frame, Add	*63.58*	
		For Clear Lacquer Finish, Add	*127.15*	
		For Baked Enamel Standard Colors, Add	*190.73*	
		For Anodized Finish, Add	*254.31*	
		For Kynar® Standard Colors Finish, Add	*349.67*	
08 91 16 00-0048	EA	30" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	982.48	67.97
		For Flange Frame, Add	*84.66*	
		For Clear Lacquer Finish, Add	*169.31*	
		For Baked Enamel Standard Colors, Add	*253.97*	
		For Anodized Finish, Add	*338.62*	
		For Kynar® Standard Colors Finish, Add	*465.61*	
08 91 16 00-0049	EA	30" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,166.06	78.16
		For Flange Frame, Add	*100.98*	
		For Clear Lacquer Finish, Add	*201.95*	
		For Baked Enamel Standard Colors, Add	*302.93*	
		For Anodized Finish, Add	*403.90*	
		For Kynar® Standard Colors Finish, Add	*555.36*	
08 91 16 00-0050	EA	30" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,366.64	88.35
		For Flange Frame, Add	*118.99*	
		For Clear Lacquer Finish, Add	*237.99*	
		For Baked Enamel Standard Colors, Add	*356.98*	
		For Anodized Finish, Add	*475.98*	
		For Kynar® Standard Colors Finish, Add	*654.47*	
08 91 16 00-0051	EA	30" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,545.69	95.14
		For Flange Frame, Add	*135.54*	
		For Clear Lacquer Finish, Add	*271.08*	
		For Baked Enamel Standard Colors, Add	*406.62*	
		For Anodized Finish, Add	*542.16*	
		For Kynar® Standard Colors Finish, Add	*745.47*	
08 91 16 00-0052	EA	30" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,731.54	105.34
		For Flange Frame, Add	*152.09*	
		For Clear Lacquer Finish, Add	*304.17*	
		For Baked Enamel Standard Colors, Add	*456.26*	
		For Anodized Finish, Add	*608.34*	
		For Kynar® Standard Colors Finish, Add	*836.47*	
08 91 16 00-0053	EA	30" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,953.67	112.13
		For Flange Frame, Add	*172.94*	
		For Clear Lacquer Finish, Add	*345.88*	
		For Baked Enamel Standard Colors, Add	*518.82*	
		For Anodized Finish, Add	*691.76*	
		For Kynar® Standard Colors Finish, Add	*951.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0054	EA	30" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	2,144.05	122.33
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*189.94*	
		For Clear Lacquer Finish, Add	*379.88*	
		For Baked Enamel Standard Colors, Add	*569.81*	
		For Anodized Finish, Add	*759.75*	
		For Kynar® Standard Colors Finish, Add	*1,044.66*	
08 91 16 00-0055	EA	30" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum	2,300.43	129.13
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*204.22*	
		For Clear Lacquer Finish, Add	*408.43*	
		For Baked Enamel Standard Colors, Add	*612.65*	
		For Anodized Finish, Add	*816.87*	
		For Kynar® Standard Colors Finish, Add	*1,123.19*	
08 91 16 00-0056	EA	30" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum	2,472.67	142.72
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*218.72*	
		For Clear Lacquer Finish, Add	*437.45*	
		For Baked Enamel Standard Colors, Add	*656.17*	
		For Anodized Finish, Add	*874.89*	
		For Kynar® Standard Colors Finish, Add	*1,202.98*	
08 91 16 00-0057	EA	30" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	2,636.99	152.91
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*233.12*	
		For Clear Lacquer Finish, Add	*466.23*	
		For Baked Enamel Standard Colors, Add	*699.35*	
		For Anodized Finish, Add	*932.46*	
		For Kynar® Standard Colors Finish, Add	*1,282.14*	
08 91 16 00-0058	EA	30" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	2,843.23	159.71
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*252.38*	
		For Clear Lacquer Finish, Add	*504.76*	
		For Baked Enamel Standard Colors, Add	*757.14*	
		For Anodized Finish, Add	*1,009.52*	
		For Kynar® Standard Colors Finish, Add	*1,388.10*	
08 91 16 00-0059	EA	30" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum	3,022.28	166.51
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*268.93*	
		For Clear Lacquer Finish, Add	*537.85*	
		For Baked Enamel Standard Colors, Add	*806.78*	
		For Anodized Finish, Add	*1,075.71*	
		For Kynar® Standard Colors Finish, Add	*1,479.10*	
08 91 16 00-0060	EA	30" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum	3,239.86	176.70
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*288.65*	
		For Clear Lacquer Finish, Add	*577.29*	
		For Baked Enamel Standard Colors, Add	*865.94*	
		For Anodized Finish, Add	*1,154.58*	
		For Kynar® Standard Colors Finish, Add	*1,587.55*	
08 91 16 00-0061	EA	30" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	3,413.25	186.90
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*303.95*	
		For Clear Lacquer Finish, Add	*607.89*	
		For Baked Enamel Standard Colors, Add	*911.84*	
		For Anodized Finish, Add	*1,215.78*	
		For Kynar® Standard Colors Finish, Add	*1,671.70*	
08 91 16 00-0062	EA	36" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum	807.96	57.77
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*69.24*	
		For Clear Lacquer Finish, Add	*138.49*	
		For Baked Enamel Standard Colors, Add	*207.73*	
		For Anodized Finish, Add	*276.97*	
		For Kynar® Standard Colors Finish, Add	*380.84*	
08 91 16 00-0063	EA	36" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum	1,093.54	74.76
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*94.40*	
		For Clear Lacquer Finish, Add	*188.80*	
		For Baked Enamel Standard Colors, Add	*283.21*	
		For Anodized Finish, Add	*377.61*	
		For Kynar® Standard Colors Finish, Add	*519.21*	
08 91 16 00-0064	EA	36" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum	1,278.26	84.96
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*110.84*	
		For Clear Lacquer Finish, Add	*221.67*	
		For Baked Enamel Standard Colors, Add	*332.51*	
		For Anodized Finish, Add	*443.34*	
		For Kynar® Standard Colors Finish, Add	*609.59*	
08 91 16 00-0065	EA	36" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum	1,498.10	95.14
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*130.78*	
		For Clear Lacquer Finish, Add	*261.56*	
		For Baked Enamel Standard Colors, Add	*392.34*	
		For Anodized Finish, Add	*523.12*	
		For Kynar® Standard Colors Finish, Add	*719.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0066	EA	36" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,701.40	103.30
		For Flange Frame, Add	*149.48*	
		For Clear Lacquer Finish, Add	*298.96*	
		For Baked Enamel Standard Colors, Add	*448.44*	
		For Anodized Finish, Add	*597.92*	
		For Kynar® Standard Colors Finish, Add	*822.14*	
08 91 16 00-0067	EA	36" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,892.47	112.13
		For Flange Frame, Add	*166.82*	
		For Clear Lacquer Finish, Add	*333.64*	
		For Baked Enamel Standard Colors, Add	*500.46*	
		For Anodized Finish, Add	*667.28*	
		For Kynar® Standard Colors Finish, Add	*917.50*	
08 91 16 00-0068	EA	36" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,140.65	118.93
		For Flange Frame, Add	*190.28*	
		For Clear Lacquer Finish, Add	*380.56*	
		For Baked Enamel Standard Colors, Add	*570.83*	
		For Anodized Finish, Add	*761.11*	
		For Kynar® Standard Colors Finish, Add	*1,046.53*	
08 91 16 00-0069	EA	36" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,354.83	129.13
		For Flange Frame, Add	*209.66*	
		For Clear Lacquer Finish, Add	*419.31*	
		For Baked Enamel Standard Colors, Add	*628.97*	
		For Anodized Finish, Add	*838.63*	
		For Kynar® Standard Colors Finish, Add	*1,153.11*	
08 91 16 00-0070	EA	36" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,529.33	139.32
		For Flange Frame, Add	*225.07*	
		For Clear Lacquer Finish, Add	*450.14*	
		For Baked Enamel Standard Colors, Add	*675.21*	
		For Anodized Finish, Add	*900.28*	
		For Kynar® Standard Colors Finish, Add	*1,237.88*	
08 91 16 00-0071	EA	36" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,708.38	149.52
		For Flange Frame, Add	*240.94*	
		For Clear Lacquer Finish, Add	*481.87*	
		For Baked Enamel Standard Colors, Add	*722.81*	
		For Anodized Finish, Add	*963.74*	
		For Kynar® Standard Colors Finish, Add	*1,325.14*	
08 91 16 00-0072	EA	36" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,893.10	159.71
		For Flange Frame, Add	*257.37*	
		For Clear Lacquer Finish, Add	*514.74*	
		For Baked Enamel Standard Colors, Add	*772.10*	
		For Anodized Finish, Add	*1,029.47*	
		For Kynar® Standard Colors Finish, Add	*1,415.52*	
08 91 16 00-0073	EA	36" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,118.61	166.51
		For Flange Frame, Add	*278.56*	
		For Clear Lacquer Finish, Add	*557.12*	
		For Baked Enamel Standard Colors, Add	*835.68*	
		For Anodized Finish, Add	*1,114.24*	
		For Kynar® Standard Colors Finish, Add	*1,532.08*	
08 91 16 00-0074	EA	36" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,311.27	173.30
		For Flange Frame, Add	*296.47*	
		For Clear Lacquer Finish, Add	*592.93*	
		For Baked Enamel Standard Colors, Add	*889.40*	
		For Anodized Finish, Add	*1,185.86*	
		For Kynar® Standard Colors Finish, Add	*1,630.56*	
08 91 16 00-0075	EA	36" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,557.18	183.50
		For Flange Frame, Add	*319.02*	
		For Clear Lacquer Finish, Add	*638.04*	
		For Baked Enamel Standard Colors, Add	*957.05*	
		For Anodized Finish, Add	*1,276.07*	
		For Kynar® Standard Colors Finish, Add	*1,754.60*	
08 91 16 00-0076	EA	36" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,740.77	193.69
		For Flange Frame, Add	*335.34*	
		For Clear Lacquer Finish, Add	*670.68*	
		For Baked Enamel Standard Colors, Add	*1,006.01*	
		For Anodized Finish, Add	*1,341.35*	
		For Kynar® Standard Colors Finish, Add	*1,844.36*	
08 91 16 00-0077	EA	42" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	924.69	64.57
		For Flange Frame, Add	*79.56*	
		For Clear Lacquer Finish, Add	*159.11*	
		For Baked Enamel Standard Colors, Add	*238.67*	
		For Anodized Finish, Add	*318.22*	
		For Kynar® Standard Colors Finish, Add	*437.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0078	EA	42" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum	1,179.66	81.56
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*101.66*	
		For Clear Lacquer Finish, Add	*203.31*	
		For Baked Enamel Standard Colors, Add	*304.97*	
		For Anodized Finish, Add	*406.62*	
		For Kynar® Standard Colors Finish, Add	*559.10*	
08 91 16 00-0079	EA	42" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum	1,384.78	91.74
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*120.13*	
		For Clear Lacquer Finish, Add	*240.26*	
		For Baked Enamel Standard Colors, Add	*360.38*	
		For Anodized Finish, Add	*480.51*	
		For Kynar® Standard Colors Finish, Add	*660.70*	
08 91 16 00-0080	EA	42" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum	1,619.35	105.34
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*140.87*	
		For Clear Lacquer Finish, Add	*281.73*	
		For Baked Enamel Standard Colors, Add	*422.60*	
		For Anodized Finish, Add	*563.47*	
		For Kynar® Standard Colors Finish, Add	*774.77*	
08 91 16 00-0081	EA	42" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum	1,835.80	112.13
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*161.15*	
		For Clear Lacquer Finish, Add	*322.30*	
		For Baked Enamel Standard Colors, Add	*483.46*	
		For Anodized Finish, Add	*644.61*	
		For Kynar® Standard Colors Finish, Add	*886.34*	
08 91 16 00-0082	EA	42" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum	2,040.92	118.93
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*180.31*	
		For Clear Lacquer Finish, Add	*360.61*	
		For Baked Enamel Standard Colors, Add	*540.92*	
		For Anodized Finish, Add	*721.22*	
		For Kynar® Standard Colors Finish, Add	*991.68*	
08 91 16 00-0083	EA	42" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum	2,310.63	125.73
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*205.92*	
		For Clear Lacquer Finish, Add	*411.83*	
		For Baked Enamel Standard Colors, Add	*617.75*	
		For Anodized Finish, Add	*823.67*	
		For Kynar® Standard Colors Finish, Add	*1,132.54*	
08 91 16 00-0084	EA	42" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	2,528.20	135.92
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*225.64*	
		For Clear Lacquer Finish, Add	*451.27*	
		For Baked Enamel Standard Colors, Add	*676.91*	
		For Anodized Finish, Add	*902.54*	
		For Kynar® Standard Colors Finish, Add	*1,241.00*	
08 91 16 00-0085	EA	42" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum	2,724.25	146.12
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*243.20*	
		For Clear Lacquer Finish, Add	*486.40*	
		For Baked Enamel Standard Colors, Add	*729.61*	
		For Anodized Finish, Add	*972.81*	
		For Kynar® Standard Colors Finish, Add	*1,337.61*	
08 91 16 00-0086	EA	42" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum	2,907.83	156.31
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*259.52*	
		For Clear Lacquer Finish, Add	*519.04*	
		For Baked Enamel Standard Colors, Add	*778.56*	
		For Anodized Finish, Add	*1,038.08*	
		For Kynar® Standard Colors Finish, Add	*1,427.37*	
08 91 16 00-0087	EA	42" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	3,108.41	166.51
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*277.54*	
		For Clear Lacquer Finish, Add	*555.08*	
		For Baked Enamel Standard Colors, Add	*832.62*	
		For Anodized Finish, Add	*1,110.16*	
		For Kynar® Standard Colors Finish, Add	*1,526.47*	
08 91 16 00-0088	EA	42" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	3,350.94	173.30
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*300.43*	
		For Clear Lacquer Finish, Add	*600.87*	
		For Baked Enamel Standard Colors, Add	*901.30*	
		For Anodized Finish, Add	*1,201.73*	
		For Kynar® Standard Colors Finish, Add	*1,652.38*	
08 91 16 00-0089	EA	42" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum	3,561.72	180.10
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*320.15*	
		For Clear Lacquer Finish, Add	*640.30*	
		For Baked Enamel Standard Colors, Add	*960.46*	
		For Anodized Finish, Add	*1,280.61*	
		For Kynar® Standard Colors Finish, Add	*1,760.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0090	EA	42" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,837.09	190.29
		For Flange Frame, Add	*345.65*	
		For Clear Lacquer Finish, Add	*691.30*	
		For Baked Enamel Standard Colors, Add	*1,036.95*	
		For Anodized Finish, Add	*1,382.60*	
		For Kynar® Standard Colors Finish, Add	*1,901.08*	
08 91 16 00-0091	EA	42" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,028.61	200.49
		For Flange Frame, Add	*362.76*	
		For Clear Lacquer Finish, Add	*725.53*	
		For Baked Enamel Standard Colors, Add	*1,088.29*	
		For Anodized Finish, Add	*1,451.05*	
		For Kynar® Standard Colors Finish, Add	*1,995.20*	
08 91 16 00-0092	EA	48" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,000.61	71.36
		For Flange Frame, Add	*85.79*	
		For Clear Lacquer Finish, Add	*171.58*	
		For Baked Enamel Standard Colors, Add	*257.37*	
		For Anodized Finish, Add	*343.16*	
		For Kynar® Standard Colors Finish, Add	*471.84*	
08 91 16 00-0093	EA	48" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,271.45	88.35
		For Flange Frame, Add	*109.48*	
		For Clear Lacquer Finish, Add	*218.95*	
		For Baked Enamel Standard Colors, Add	*328.43*	
		For Anodized Finish, Add	*437.90*	
		For Kynar® Standard Colors Finish, Add	*602.11*	
08 91 16 00-0094	EA	48" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,504.90	101.94
		For Flange Frame, Add	*130.10*	
		For Clear Lacquer Finish, Add	*260.20*	
		For Baked Enamel Standard Colors, Add	*390.30*	
		For Anodized Finish, Add	*520.40*	
		For Kynar® Standard Colors Finish, Add	*715.56*	
08 91 16 00-0095	EA	48" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,745.14	112.13
		For Flange Frame, Add	*152.09*	
		For Clear Lacquer Finish, Add	*304.17*	
		For Baked Enamel Standard Colors, Add	*456.26*	
		For Anodized Finish, Add	*608.34*	
		For Kynar® Standard Colors Finish, Add	*836.47*	
08 91 16 00-0096	EA	48" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,984.25	118.93
		For Flange Frame, Add	*174.64*	
		For Clear Lacquer Finish, Add	*349.28*	
		For Baked Enamel Standard Colors, Add	*523.91*	
		For Anodized Finish, Add	*698.55*	
		For Kynar® Standard Colors Finish, Add	*960.51*	
08 91 16 00-0097	EA	48" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,215.43	125.73
		For Flange Frame, Add	*196.40*	
		For Clear Lacquer Finish, Add	*392.79*	
		For Baked Enamel Standard Colors, Add	*589.19*	
		For Anodized Finish, Add	*785.59*	
		For Kynar® Standard Colors Finish, Add	*1,080.18*	
08 91 16 00-0098	EA	48" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,503.27	135.92
		For Flange Frame, Add	*223.14*	
		For Clear Lacquer Finish, Add	*446.29*	
		For Baked Enamel Standard Colors, Add	*669.43*	
		For Anodized Finish, Add	*892.57*	
		For Kynar® Standard Colors Finish, Add	*1,227.29*	
08 91 16 00-0099	EA	48" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,741.25	146.12
		For Flange Frame, Add	*244.90*	
		For Clear Lacquer Finish, Add	*489.80*	
		For Baked Enamel Standard Colors, Add	*734.71*	
		For Anodized Finish, Add	*979.61*	
		For Kynar® Standard Colors Finish, Add	*1,346.96*	
08 91 16 00-0100	EA	48" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,947.50	156.31
		For Flange Frame, Add	*263.49*	
		For Clear Lacquer Finish, Add	*526.98*	
		For Baked Enamel Standard Colors, Add	*790.46*	
		For Anodized Finish, Add	*1,053.95*	
		For Kynar® Standard Colors Finish, Add	*1,449.18*	
08 91 16 00-0101	EA	48" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,157.14	166.51
		For Flange Frame, Add	*282.41*	
		For Clear Lacquer Finish, Add	*564.83*	
		For Baked Enamel Standard Colors, Add	*847.24*	
		For Anodized Finish, Add	*1,129.65*	
		For Kynar® Standard Colors Finish, Add	*1,553.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0102	EA	48" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	3,362.26	176.70
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*300.89*	
		For Clear Lacquer Finish, Add	*601.77*	
		For Baked Enamel Standard Colors, Add	*902.66*	
		For Anodized Finish, Add	*1,203.54*	
		For Kynar® Standard Colors Finish, Add	*1,654.87*	
08 91 16 00-0103	EA	48" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	3,636.51	183.50
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*326.95*	
		For Clear Lacquer Finish, Add	*653.90*	
		For Baked Enamel Standard Colors, Add	*980.85*	
		For Anodized Finish, Add	*1,307.80*	
		For Kynar® Standard Colors Finish, Add	*1,798.23*	
08 91 16 00-0104	EA	48" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum	3,864.29	190.29
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*348.37*	
		For Clear Lacquer Finish, Add	*696.74*	
		For Baked Enamel Standard Colors, Add	*1,045.11*	
		For Anodized Finish, Add	*1,393.48*	
		For Kynar® Standard Colors Finish, Add	*1,916.04*	
08 91 16 00-0105	EA	48" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum	4,145.34	197.09
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*375.12*	
		For Clear Lacquer Finish, Add	*750.23*	
		For Baked Enamel Standard Colors, Add	*1,125.35*	
		For Anodized Finish, Add	*1,500.46*	
		For Kynar® Standard Colors Finish, Add	*2,063.14*	
08 91 16 00-0106	EA	48" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	4,356.12	207.29
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*394.16*	
		For Clear Lacquer Finish, Add	*788.31*	
		For Baked Enamel Standard Colors, Add	*1,182.47*	
		For Anodized Finish, Add	*1,576.62*	
		For Kynar® Standard Colors Finish, Add	*2,167.85*	
08 91 16 00-0107	EA	54" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum	1,161.53	81.56
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*99.84*	
		For Clear Lacquer Finish, Add	*199.68*	
		For Baked Enamel Standard Colors, Add	*299.53*	
		For Anodized Finish, Add	*399.37*	
		For Kynar® Standard Colors Finish, Add	*549.13*	
08 91 16 00-0108	EA	54" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum	1,489.03	98.54
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*129.19*	
		For Clear Lacquer Finish, Add	*258.39*	
		For Baked Enamel Standard Colors, Add	*387.58*	
		For Anodized Finish, Add	*516.78*	
		For Kynar® Standard Colors Finish, Add	*710.57*	
08 91 16 00-0109	EA	54" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum	1,745.13	115.53
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*151.41*	
		For Clear Lacquer Finish, Add	*302.81*	
		For Baked Enamel Standard Colors, Add	*454.22*	
		For Anodized Finish, Add	*605.62*	
		For Kynar® Standard Colors Finish, Add	*832.73*	
08 91 16 00-0110	EA	54" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum	2,004.65	122.33
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*176.00*	
		For Clear Lacquer Finish, Add	*352.00*	
		For Baked Enamel Standard Colors, Add	*527.99*	
		For Anodized Finish, Add	*703.99*	
		For Kynar® Standard Colors Finish, Add	*967.99*	
08 91 16 00-0111	EA	54" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum	2,286.83	129.13
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*202.86*	
		For Clear Lacquer Finish, Add	*405.71*	
		For Baked Enamel Standard Colors, Add	*608.57*	
		For Anodized Finish, Add	*811.43*	
		For Kynar® Standard Colors Finish, Add	*1,115.71*	
08 91 16 00-0112	EA	54" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum	2,539.53	135.92
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*226.77*	
		For Clear Lacquer Finish, Add	*453.54*	
		For Baked Enamel Standard Colors, Add	*680.31*	
		For Anodized Finish, Add	*907.08*	
		For Kynar® Standard Colors Finish, Add	*1,247.23*	
08 91 16 00-0113	EA	54" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum	2,873.84	146.12
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*258.16*	
		For Clear Lacquer Finish, Add	*516.32*	
		For Baked Enamel Standard Colors, Add	*774.48*	
		For Anodized Finish, Add	*1,032.64*	
		For Kynar® Standard Colors Finish, Add	*1,419.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0114	EA	54" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,199.08	156.31
		For Flange Frame, Add	*288.65*	
		For Clear Lacquer Finish, Add	*577.29*	
		For Baked Enamel Standard Colors, Add	*865.94*	
		For Anodized Finish, Add	*1,154.58*	
		For Kynar® Standard Colors Finish, Add	*1,587.55*	
08 91 16 00-0115	EA	54" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,442.73	166.51
		For Flange Frame, Add	*310.97*	
		For Clear Lacquer Finish, Add	*621.94*	
		For Baked Enamel Standard Colors, Add	*932.92*	
		For Anodized Finish, Add	*1,243.89*	
		For Kynar® Standard Colors Finish, Add	*1,710.35*	
08 91 16 00-0116	EA	54" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,682.98	176.70
		For Flange Frame, Add	*332.96*	
		For Clear Lacquer Finish, Add	*665.92*	
		For Baked Enamel Standard Colors, Add	*998.87*	
		For Anodized Finish, Add	*1,331.83*	
		For Kynar® Standard Colors Finish, Add	*1,831.27*	
08 91 16 00-0117	EA	54" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,914.17	183.50
		For Flange Frame, Add	*354.72*	
		For Clear Lacquer Finish, Add	*709.43*	
		For Baked Enamel Standard Colors, Add	*1,064.15*	
		For Anodized Finish, Add	*1,418.87*	
		For Kynar® Standard Colors Finish, Add	*1,950.94*	
08 91 16 00-0118	EA	54" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,220.14	190.29
		For Flange Frame, Add	*383.96*	
		For Clear Lacquer Finish, Add	*767.91*	
		For Baked Enamel Standard Colors, Add	*1,151.87*	
		For Anodized Finish, Add	*1,535.82*	
		For Kynar® Standard Colors Finish, Add	*2,111.75*	
08 91 16 00-0119	EA	54" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,475.12	197.09
		For Flange Frame, Add	*408.09*	
		For Clear Lacquer Finish, Add	*816.19*	
		For Baked Enamel Standard Colors, Add	*1,224.28*	
		For Anodized Finish, Add	*1,632.38*	
		For Kynar® Standard Colors Finish, Add	*2,244.52*	
08 91 16 00-0120	EA	54" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,803.77	203.89
		For Flange Frame, Add	*439.60*	
		For Clear Lacquer Finish, Add	*879.20*	
		For Baked Enamel Standard Colors, Add	*1,318.80*	
		For Anodized Finish, Add	*1,758.40*	
		For Kynar® Standard Colors Finish, Add	*2,417.79*	
08 91 16 00-0121	EA	54" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	5,049.69	214.08
		For Flange Frame, Add	*462.15*	
		For Clear Lacquer Finish, Add	*924.30*	
		For Baked Enamel Standard Colors, Add	*1,386.46*	
		For Anodized Finish, Add	*1,848.61*	
		For Kynar® Standard Colors Finish, Add	*2,541.84*	
08 91 16 00-0122	EA	60" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,232.92	88.35
		For Flange Frame, Add	*105.62*	
		For Clear Lacquer Finish, Add	*211.24*	
		For Baked Enamel Standard Colors, Add	*316.87*	
		For Anodized Finish, Add	*422.49*	
		For Kynar® Standard Colors Finish, Add	*580.92*	
08 91 16 00-0123	EA	60" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,587.62	108.74
		For Flange Frame, Add	*137.01*	
		For Clear Lacquer Finish, Add	*274.03*	
		For Baked Enamel Standard Colors, Add	*411.04*	
		For Anodized Finish, Add	*548.06*	
		For Kynar® Standard Colors Finish, Add	*753.58*	
08 91 16 00-0124	EA	60" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,849.39	122.33
		For Flange Frame, Add	*160.47*	
		For Clear Lacquer Finish, Add	*320.94*	
		For Baked Enamel Standard Colors, Add	*481.42*	
		For Anodized Finish, Add	*641.89*	
		For Kynar® Standard Colors Finish, Add	*882.60*	
08 91 16 00-0125	EA	60" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,134.97	129.13
		For Flange Frame, Add	*187.67*	
		For Clear Lacquer Finish, Add	*375.34*	
		For Baked Enamel Standard Colors, Add	*563.01*	
		For Anodized Finish, Add	*750.68*	
		For Kynar® Standard Colors Finish, Add	*1,032.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0126	EA	60" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum	2,434.14	139.32
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*215.55*	
		For Clear Lacquer Finish, Add	*431.10*	
		For Baked Enamel Standard Colors, Add	*646.65*	
		For Anodized Finish, Add	*862.20*	
		For Kynar® Standard Colors Finish, Add	*1,185.53*	
08 91 16 00-0127	EA	60" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum	2,701.58	146.12
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*240.94*	
		For Clear Lacquer Finish, Add	*481.87*	
		For Baked Enamel Standard Colors, Add	*722.81*	
		For Anodized Finish, Add	*963.74*	
		For Kynar® Standard Colors Finish, Add	*1,325.14*	
08 91 16 00-0128	EA	60" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum	3,059.69	156.31
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*274.71*	
		For Clear Lacquer Finish, Add	*549.41*	
		For Baked Enamel Standard Colors, Add	*824.12*	
		For Anodized Finish, Add	*1,098.83*	
		For Kynar® Standard Colors Finish, Add	*1,510.89*	
08 91 16 00-0129	EA	60" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	3,394.00	166.51
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*306.10*	
		For Clear Lacquer Finish, Add	*612.20*	
		For Baked Enamel Standard Colors, Add	*918.30*	
		For Anodized Finish, Add	*1,224.40*	
		For Kynar® Standard Colors Finish, Add	*1,683.54*	
08 91 16 00-0130	EA	60" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum	3,654.64	176.70
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*330.12*	
		For Clear Lacquer Finish, Add	*660.25*	
		For Baked Enamel Standard Colors, Add	*990.37*	
		For Anodized Finish, Add	*1,320.50*	
		For Kynar® Standard Colors Finish, Add	*1,815.68*	
08 91 16 00-0131	EA	60" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum	3,910.76	186.90
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*353.70*	
		For Clear Lacquer Finish, Add	*707.39*	
		For Baked Enamel Standard Colors, Add	*1,061.09*	
		For Anodized Finish, Add	*1,414.79*	
		For Kynar® Standard Colors Finish, Add	*1,945.33*	
08 91 16 00-0132	EA	60" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	4,156.68	193.69
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*376.93*	
		For Clear Lacquer Finish, Add	*753.86*	
		For Baked Enamel Standard Colors, Add	*1,130.79*	
		For Anodized Finish, Add	*1,507.72*	
		For Kynar® Standard Colors Finish, Add	*2,073.11*	
08 91 16 00-0133	EA	60" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	4,488.72	200.49
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*408.77*	
		For Clear Lacquer Finish, Add	*817.55*	
		For Baked Enamel Standard Colors, Add	*1,226.32*	
		For Anodized Finish, Add	*1,635.10*	
		For Kynar® Standard Colors Finish, Add	*2,248.26*	
08 91 16 00-0134	EA	60" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum	4,756.17	207.29
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*434.16*	
		For Clear Lacquer Finish, Add	*868.32*	
		For Baked Enamel Standard Colors, Add	*1,302.48*	
		For Anodized Finish, Add	*1,736.64*	
		For Kynar® Standard Colors Finish, Add	*2,387.88*	
08 91 16 00-0135	EA	60" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum	5,101.82	214.08
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*467.37*	
		For Clear Lacquer Finish, Add	*934.73*	
		For Baked Enamel Standard Colors, Add	*1,402.10*	
		For Anodized Finish, Add	*1,869.46*	
		For Kynar® Standard Colors Finish, Add	*2,570.51*	
08 91 16 00-0136	EA	60" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	5,355.65	220.88
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*491.39*	
		For Clear Lacquer Finish, Add	*982.78*	
		For Baked Enamel Standard Colors, Add	*1,474.17*	
		For Anodized Finish, Add	*1,965.56*	
		For Kynar® Standard Colors Finish, Add	*2,702.65*	
08 91 16 00-0137		Adjustable Intake Wall Louvers Operators *(08 91 16)*		
08 91 16 00-0138	EA	5' Chain Actuator For Adjustable Intake Louver	312.76	33.98
08 91 16 00-0139	EA	Panel Crank For Adjustable Intake Louver	682.23	13.59

08 91 19 Fixed Louvers *(08 91)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0001		**Fixed Intake Wall Louvers** *(08 91 19)*		
08 91 19 00-0002	EA	12" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	403.42	30.58
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*34.23*	
		For Clear Lacquer Finish, Add	*68.45*	
		For Baked Enamel Standard Colors, Add	*102.68*	
		For Anodized Finish, Add	*136.90*	
		For Kynar® Standard Colors Finish, Add	*188.24*	
08 91 19 00-0003	EA	12" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	479.34	37.38
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*40.46*	
		For Clear Lacquer Finish, Add	*80.92*	
		For Baked Enamel Standard Colors, Add	*121.37*	
		For Anodized Finish, Add	*161.83*	
		For Kynar® Standard Colors Finish, Add	*222.52*	
08 91 19 00-0004	EA	12" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	556.39	44.18
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*46.80*	
		For Clear Lacquer Finish, Add	*93.61*	
		For Baked Enamel Standard Colors, Add	*140.41*	
		For Anodized Finish, Add	*187.22*	
		For Kynar® Standard Colors Finish, Add	*257.42*	
08 91 19 00-0005	EA	12" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	652.71	50.97
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*55.08*	
		For Clear Lacquer Finish, Add	*110.15*	
		For Baked Enamel Standard Colors, Add	*165.23*	
		For Anodized Finish, Add	*220.31*	
		For Kynar® Standard Colors Finish, Add	*302.92*	
08 91 19 00-0006	EA	12" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	734.30	57.77
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*61.88*	
		For Clear Lacquer Finish, Add	*123.75*	
		For Baked Enamel Standard Colors, Add	*185.63*	
		For Anodized Finish, Add	*247.51*	
		For Kynar® Standard Colors Finish, Add	*340.32*	
08 91 19 00-0007	EA	12" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	865.76	64.57
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*73.66*	
		For Clear Lacquer Finish, Add	*147.33*	
		For Baked Enamel Standard Colors, Add	*220.99*	
		For Anodized Finish, Add	*294.65*	
		For Kynar® Standard Colors Finish, Add	*405.15*	
08 91 19 00-0008	EA	12" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	938.28	71.36
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*79.56*	
		For Clear Lacquer Finish, Add	*159.11*	
		For Baked Enamel Standard Colors, Add	*238.67*	
		For Anodized Finish, Add	*318.22*	
		For Kynar® Standard Colors Finish, Add	*437.56*	
08 91 19 00-0009	EA	12" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,049.33	81.56
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*88.62*	
		For Clear Lacquer Finish, Add	*177.24*	
		For Baked Enamel Standard Colors, Add	*265.87*	
		For Anodized Finish, Add	*354.49*	
		For Kynar® Standard Colors Finish, Add	*487.42*	
08 91 19 00-0010	EA	12" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,116.19	88.35
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*93.95*	
		For Clear Lacquer Finish, Add	*187.90*	
		For Baked Enamel Standard Colors, Add	*281.85*	
		For Anodized Finish, Add	*375.80*	
		For Kynar® Standard Colors Finish, Add	*516.72*	
08 91 19 00-0011	EA	12" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	1,206.84	95.14
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*101.66*	
		For Clear Lacquer Finish, Add	*203.31*	
		For Baked Enamel Standard Colors, Add	*304.97*	
		For Anodized Finish, Add	*406.62*	
		For Kynar® Standard Colors Finish, Add	*559.10*	
08 91 19 00-0012	EA	12" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	1,286.17	101.94
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*108.23*	
		For Clear Lacquer Finish, Add	*216.46*	
		For Baked Enamel Standard Colors, Add	*324.68*	
		For Anodized Finish, Add	*432.91*	
		For Kynar® Standard Colors Finish, Add	*595.25*	
08 91 19 00-0013	EA	12" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	1,380.23	108.74
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*116.28*	
		For Clear Lacquer Finish, Add	*232.55*	
		For Baked Enamel Standard Colors, Add	*348.83*	
		For Anodized Finish, Add	*465.10*	
		For Kynar® Standard Colors Finish, Add	*639.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0014	EA	12" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	1,468.61	115.53
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*123.75*	
		For Clear Lacquer Finish, Add	*247.51*	
		For Baked Enamel Standard Colors, Add	*371.26*	
		For Anodized Finish, Add	*495.02*	
		For Kynar® Standard Colors Finish, Add	*680.65*	
08 91 19 00-0015	EA	12" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	1,547.93	125.73
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*129.65*	
		For Clear Lacquer Finish, Add	*259.29*	
		For Baked Enamel Standard Colors, Add	*388.94*	
		For Anodized Finish, Add	*518.59*	
		For Kynar® Standard Colors Finish, Add	*713.06*	
08 91 19 00-0016	EA	12" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	1,653.31	135.92
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*138.15*	
		For Clear Lacquer Finish, Add	*276.29*	
		For Baked Enamel Standard Colors, Add	*414.44*	
		For Anodized Finish, Add	*552.59*	
		For Kynar® Standard Colors Finish, Add	*759.81*	
08 91 19 00-0017	EA	18" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	469.14	37.38
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*39.44*	
		For Clear Lacquer Finish, Add	*78.88*	
		For Baked Enamel Standard Colors, Add	*118.31*	
		For Anodized Finish, Add	*157.75*	
		For Kynar® Standard Colors Finish, Add	*216.91*	
08 91 19 00-0018	EA	18" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	563.18	47.58
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*46.80*	
		For Clear Lacquer Finish, Add	*93.61*	
		For Baked Enamel Standard Colors, Add	*140.41*	
		For Anodized Finish, Add	*187.22*	
		For Kynar® Standard Colors Finish, Add	*257.42*	
08 91 19 00-0019	EA	18" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	652.71	54.37
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*54.40*	
		For Clear Lacquer Finish, Add	*108.79*	
		For Baked Enamel Standard Colors, Add	*163.19*	
		For Anodized Finish, Add	*217.59*	
		For Kynar® Standard Colors Finish, Add	*299.18*	
08 91 19 00-0020	EA	18" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	818.15	67.97
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*68.22*	
		For Clear Lacquer Finish, Add	*136.45*	
		For Baked Enamel Standard Colors, Add	*204.67*	
		For Anodized Finish, Add	*272.89*	
		For Kynar® Standard Colors Finish, Add	*375.23*	
08 91 19 00-0021	EA	18" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	938.28	74.76
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*78.88*	
		For Clear Lacquer Finish, Add	*157.75*	
		For Baked Enamel Standard Colors, Add	*236.63*	
		For Anodized Finish, Add	*315.50*	
		For Kynar® Standard Colors Finish, Add	*433.82*	
08 91 19 00-0022	EA	18" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,044.80	81.56
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*88.17*	
		For Clear Lacquer Finish, Add	*176.34*	
		For Baked Enamel Standard Colors, Add	*264.51*	
		For Anodized Finish, Add	*352.68*	
		For Kynar® Standard Colors Finish, Add	*484.93*	
08 91 19 00-0023	EA	18" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,120.72	88.35
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*94.40*	
		For Clear Lacquer Finish, Add	*188.80*	
		For Baked Enamel Standard Colors, Add	*283.21*	
		For Anodized Finish, Add	*377.61*	
		For Kynar® Standard Colors Finish, Add	*519.21*	
08 91 19 00-0024	EA	18" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,247.64	98.54
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*105.06*	
		For Clear Lacquer Finish, Add	*210.11*	
		For Baked Enamel Standard Colors, Add	*315.17*	
		For Anodized Finish, Add	*420.22*	
		For Kynar® Standard Colors Finish, Add	*577.80*	
08 91 19 00-0025	EA	18" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,337.16	108.74
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*111.97*	
		For Clear Lacquer Finish, Add	*223.94*	
		For Baked Enamel Standard Colors, Add	*335.90*	
		For Anodized Finish, Add	*447.87*	
		For Kynar® Standard Colors Finish, Add	*615.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0026	EA	18" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	1,452.75	115.53
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*122.17*	
		For Clear Lacquer Finish, Add	*244.34*	
		For Baked Enamel Standard Colors, Add	*366.50*	
		For Anodized Finish, Add	*488.67*	
		For Kynar® Standard Colors Finish, Add	*671.92*	
08 91 19 00-0027	EA	18" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	1,541.14	122.33
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*129.65*	
		For Clear Lacquer Finish, Add	*259.29*	
		For Baked Enamel Standard Colors, Add	*388.94*	
		For Anodized Finish, Add	*518.59*	
		For Kynar® Standard Colors Finish, Add	*713.06*	
08 91 19 00-0028	EA	18" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	1,639.73	129.13
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*138.15*	
		For Clear Lacquer Finish, Add	*276.29*	
		For Baked Enamel Standard Colors, Add	*414.44*	
		For Anodized Finish, Add	*552.59*	
		For Kynar® Standard Colors Finish, Add	*759.81*	
08 91 19 00-0029	EA	18" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	1,742.84	135.92
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*147.10*	
		For Clear Lacquer Finish, Add	*294.20*	
		For Baked Enamel Standard Colors, Add	*441.30*	
		For Anodized Finish, Add	*588.40*	
		For Kynar® Standard Colors Finish, Add	*809.05*	
08 91 19 00-0030	EA	18" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	1,834.62	146.12
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*154.24*	
		For Clear Lacquer Finish, Add	*308.48*	
		For Baked Enamel Standard Colors, Add	*462.72*	
		For Anodized Finish, Add	*616.96*	
		For Kynar® Standard Colors Finish, Add	*848.31*	
08 91 19 00-0031	EA	18" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	1,961.54	156.31
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*164.89*	
		For Clear Lacquer Finish, Add	*329.78*	
		For Baked Enamel Standard Colors, Add	*494.68*	
		For Anodized Finish, Add	*659.57*	
		For Kynar® Standard Colors Finish, Add	*906.91*	
08 91 19 00-0032	EA	24" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	542.80	44.18
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*45.45*	
		For Clear Lacquer Finish, Add	*90.89*	
		For Baked Enamel Standard Colors, Add	*136.34*	
		For Anodized Finish, Add	*181.78*	
		For Kynar® Standard Colors Finish, Add	*249.95*	
08 91 19 00-0033	EA	24" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	647.05	54.37
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*53.83*	
		For Clear Lacquer Finish, Add	*107.66*	
		For Baked Enamel Standard Colors, Add	*161.49*	
		For Anodized Finish, Add	*215.32*	
		For Kynar® Standard Colors Finish, Add	*296.07*	
08 91 19 00-0034	EA	24" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	801.17	64.57
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*67.20*	
		For Clear Lacquer Finish, Add	*134.41*	
		For Baked Enamel Standard Colors, Add	*201.61*	
		For Anodized Finish, Add	*268.82*	
		For Kynar® Standard Colors Finish, Add	*369.62*	
08 91 19 00-0035	EA	24" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	945.07	78.16
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*78.88*	
		For Clear Lacquer Finish, Add	*157.75*	
		For Baked Enamel Standard Colors, Add	*236.63*	
		For Anodized Finish, Add	*315.50*	
		For Kynar® Standard Colors Finish, Add	*433.82*	
08 91 19 00-0036	EA	24" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,081.07	84.96
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*91.12*	
		For Clear Lacquer Finish, Add	*182.23*	
		For Baked Enamel Standard Colors, Add	*273.35*	
		For Anodized Finish, Add	*364.46*	
		For Kynar® Standard Colors Finish, Add	*501.14*	
08 91 19 00-0037	EA	24" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,206.85	91.74
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*102.34*	
		For Clear Lacquer Finish, Add	*204.67*	
		For Baked Enamel Standard Colors, Add	*307.01*	
		For Anodized Finish, Add	*409.34*	
		For Kynar® Standard Colors Finish, Add	*562.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0038	EA	24" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,312.24	101.94
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*110.84*	
		For Clear Lacquer Finish, Add	*221.67*	
		For Baked Enamel Standard Colors, Add	*332.51*	
		For Anodized Finish, Add	*443.34*	
		For Kynar® Standard Colors Finish, Add	*609.59*	
08 91 19 00-0039	EA	24" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,452.75	115.53
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*122.17*	
		For Clear Lacquer Finish, Add	*244.34*	
		For Baked Enamel Standard Colors, Add	*366.50*	
		For Anodized Finish, Add	*488.67*	
		For Kynar® Standard Colors Finish, Add	*671.92*	
08 91 19 00-0040	EA	24" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,545.68	122.33
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*130.10*	
		For Clear Lacquer Finish, Add	*260.20*	
		For Baked Enamel Standard Colors, Add	*390.30*	
		For Anodized Finish, Add	*520.40*	
		For Kynar® Standard Colors Finish, Add	*715.56*	
08 91 19 00-0041	EA	24" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	1,698.64	135.92
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*142.68*	
		For Clear Lacquer Finish, Add	*285.36*	
		For Baked Enamel Standard Colors, Add	*428.04*	
		For Anodized Finish, Add	*570.72*	
		For Kynar® Standard Colors Finish, Add	*784.74*	
08 91 19 00-0042	EA	24" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	1,794.97	142.72
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*150.95*	
		For Clear Lacquer Finish, Add	*301.91*	
		For Baked Enamel Standard Colors, Add	*452.86*	
		For Anodized Finish, Add	*603.81*	
		For Kynar® Standard Colors Finish, Add	*830.24*	
08 91 19 00-0043	EA	24" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	1,919.62	149.52
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*162.06*	
		For Clear Lacquer Finish, Add	*324.12*	
		For Baked Enamel Standard Colors, Add	*486.18*	
		For Anodized Finish, Add	*648.24*	
		For Kynar® Standard Colors Finish, Add	*891.32*	
08 91 19 00-0044	EA	24" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	2,042.01	156.31
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*172.94*	
		For Clear Lacquer Finish, Add	*345.88*	
		For Baked Enamel Standard Colors, Add	*518.82*	
		For Anodized Finish, Add	*691.76*	
		For Kynar® Standard Colors Finish, Add	*951.16*	
08 91 19 00-0045	EA	24" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	2,136.06	166.51
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*180.31*	
		For Clear Lacquer Finish, Add	*360.61*	
		For Baked Enamel Standard Colors, Add	*540.92*	
		For Anodized Finish, Add	*721.22*	
		For Kynar® Standard Colors Finish, Add	*991.68*	
08 91 19 00-0046	EA	24" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	2,290.18	176.70
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*193.68*	
		For Clear Lacquer Finish, Add	*387.36*	
		For Baked Enamel Standard Colors, Add	*581.03*	
		For Anodized Finish, Add	*774.71*	
		For Kynar® Standard Colors Finish, Add	*1,065.23*	
08 91 19 00-0047	EA	30" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	608.52	50.97
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*50.66*	
		For Clear Lacquer Finish, Add	*101.32*	
		For Baked Enamel Standard Colors, Add	*151.97*	
		For Anodized Finish, Add	*202.63*	
		For Kynar® Standard Colors Finish, Add	*278.62*	
08 91 19 00-0048	EA	30" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	787.56	67.97
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*65.16*	
		For Clear Lacquer Finish, Add	*130.33*	
		For Baked Enamel Standard Colors, Add	*195.49*	
		For Anodized Finish, Add	*260.66*	
		For Kynar® Standard Colors Finish, Add	*358.40*	
08 91 19 00-0049	EA	30" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	919.01	78.16
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*76.27*	
		For Clear Lacquer Finish, Add	*152.54*	
		For Baked Enamel Standard Colors, Add	*228.81*	
		For Anodized Finish, Add	*305.08*	
		For Kynar® Standard Colors Finish, Add	*419.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0050	EA	30" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,071.99	88.35
		For Flange Frame, Add	*89.53*	
		For Clear Lacquer Finish, Add	*179.06*	
		For Baked Enamel Standard Colors, Add	*268.59*	
		For Anodized Finish, Add	*358.12*	
		For Kynar® Standard Colors Finish, Add	*492.41*	
08 91 19 00-0051	EA	30" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,235.17	95.14
		For Flange Frame, Add	*104.49*	
		For Clear Lacquer Finish, Add	*208.98*	
		For Baked Enamel Standard Colors, Add	*313.46*	
		For Anodized Finish, Add	*417.95*	
		For Kynar® Standard Colors Finish, Add	*574.68*	
08 91 19 00-0052	EA	30" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,373.43	105.34
		For Flange Frame, Add	*116.28*	
		For Clear Lacquer Finish, Add	*232.55*	
		For Baked Enamel Standard Colors, Add	*348.83*	
		For Anodized Finish, Add	*465.10*	
		For Kynar® Standard Colors Finish, Add	*639.51*	
08 91 19 00-0053	EA	30" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,476.55	112.13
		For Flange Frame, Add	*125.23*	
		For Clear Lacquer Finish, Add	*250.45*	
		For Baked Enamel Standard Colors, Add	*375.68*	
		For Anodized Finish, Add	*500.91*	
		For Kynar® Standard Colors Finish, Add	*688.75*	
08 91 19 00-0054	EA	30" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,621.61	122.33
		For Flange Frame, Add	*137.69*	
		For Clear Lacquer Finish, Add	*275.39*	
		For Baked Enamel Standard Colors, Add	*413.08*	
		For Anodized Finish, Add	*550.78*	
		For Kynar® Standard Colors Finish, Add	*757.32*	
08 91 19 00-0055	EA	30" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,737.19	129.13
		For Flange Frame, Add	*147.89*	
		For Clear Lacquer Finish, Add	*295.79*	
		For Baked Enamel Standard Colors, Add	*443.68*	
		For Anodized Finish, Add	*591.57*	
		For Kynar® Standard Colors Finish, Add	*813.41*	
08 91 19 00-0056	EA	30" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,913.96	142.72
		For Flange Frame, Add	*162.85*	
		For Clear Lacquer Finish, Add	*325.70*	
		For Baked Enamel Standard Colors, Add	*488.56*	
		For Anodized Finish, Add	*651.41*	
		For Kynar® Standard Colors Finish, Add	*895.69*	
08 91 19 00-0057	EA	30" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,027.28	152.91
		For Flange Frame, Add	*172.15*	
		For Clear Lacquer Finish, Add	*344.29*	
		For Baked Enamel Standard Colors, Add	*516.44*	
		For Anodized Finish, Add	*688.58*	
		For Kynar® Standard Colors Finish, Add	*946.80*	
08 91 19 00-0058	EA	30" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,159.87	159.71
		For Flange Frame, Add	*184.05*	
		For Clear Lacquer Finish, Add	*368.09*	
		For Baked Enamel Standard Colors, Add	*552.14*	
		For Anodized Finish, Add	*736.18*	
		For Kynar® Standard Colors Finish, Add	*1,012.25*	
08 91 19 00-0059	EA	30" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,291.32	166.51
		For Flange Frame, Add	*195.83*	
		For Clear Lacquer Finish, Add	*391.66*	
		For Baked Enamel Standard Colors, Add	*587.49*	
		For Anodized Finish, Add	*783.32*	
		For Kynar® Standard Colors Finish, Add	*1,077.07*	
08 91 19 00-0060	EA	30" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,402.37	176.70
		For Flange Frame, Add	*204.90*	
		For Clear Lacquer Finish, Add	*409.79*	
		For Baked Enamel Standard Colors, Add	*614.69*	
		For Anodized Finish, Add	*819.59*	
		For Kynar® Standard Colors Finish, Add	*1,126.93*	
08 91 19 00-0061	EA	30" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,576.89	186.90
		For Flange Frame, Add	*220.31*	
		For Clear Lacquer Finish, Add	*440.62*	
		For Baked Enamel Standard Colors, Add	*660.93*	
		For Anodized Finish, Add	*881.24*	
		For Kynar® Standard Colors Finish, Add	*1,211.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0062	EA	36" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	675.37	57.77
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*55.98*	
		For Clear Lacquer Finish, Add	*111.97*	
		For Baked Enamel Standard Colors, Add	*167.95*	
		For Anodized Finish, Add	*223.94*	
		For Kynar® Standard Colors Finish, Add	*307.91*	
08 91 19 00-0063	EA	36" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	886.15	74.76
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*73.66*	
		For Clear Lacquer Finish, Add	*147.33*	
		For Baked Enamel Standard Colors, Add	*220.99*	
		For Anodized Finish, Add	*294.65*	
		For Kynar® Standard Colors Finish, Add	*405.15*	
08 91 19 00-0064	EA	36" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,024.40	84.96
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*85.45*	
		For Clear Lacquer Finish, Add	*170.90*	
		For Baked Enamel Standard Colors, Add	*256.35*	
		For Anodized Finish, Add	*341.80*	
		For Kynar® Standard Colors Finish, Add	*469.97*	
08 91 19 00-0065	EA	36" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,188.71	95.14
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*99.84*	
		For Clear Lacquer Finish, Add	*199.68*	
		For Baked Enamel Standard Colors, Add	*299.53*	
		For Anodized Finish, Add	*399.37*	
		For Kynar® Standard Colors Finish, Add	*549.13*	
08 91 19 00-0066	EA	36" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,372.75	103.30
		Note: Includes bird screen.		
		For Flange Frame, Add	*116.62*	
		For Clear Lacquer Finish, Add	*233.23*	
		For Baked Enamel Standard Colors, Add	*349.85*	
		For Anodized Finish, Add	*466.46*	
		For Kynar® Standard Colors Finish, Add	*641.38*	
08 91 19 00-0067	EA	36" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,516.22	112.13
		Note: Includes bird screen.		
		For Flange Frame, Add	*129.19*	
		For Clear Lacquer Finish, Add	*258.39*	
		For Baked Enamel Standard Colors, Add	*387.58*	
		For Anodized Finish, Add	*516.78*	
		For Kynar® Standard Colors Finish, Add	*710.57*	
08 91 19 00-0068	EA	36" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,639.74	118.93
		Note: Includes bird screen.		
		For Flange Frame, Add	*140.19*	
		For Clear Lacquer Finish, Add	*280.37*	
		For Baked Enamel Standard Colors, Add	*420.56*	
		For Anodized Finish, Add	*560.75*	
		For Kynar® Standard Colors Finish, Add	*771.03*	
08 91 19 00-0069	EA	36" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,805.19	129.13
		Note: Includes bird screen.		
		For Flange Frame, Add	*154.69*	
		For Clear Lacquer Finish, Add	*309.39*	
		For Baked Enamel Standard Colors, Add	*464.08*	
		For Anodized Finish, Add	*618.77*	
		For Kynar® Standard Colors Finish, Add	*850.81*	
08 91 19 00-0070	EA	36" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,930.96	139.32
		Note: Includes bird screen.		
		For Flange Frame, Add	*165.23*	
		For Clear Lacquer Finish, Add	*330.46*	
		For Baked Enamel Standard Colors, Add	*495.70*	
		For Anodized Finish, Add	*660.93*	
		For Kynar® Standard Colors Finish, Add	*908.78*	
08 91 19 00-0071	EA	36" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,129.28	149.52
		Note: Includes bird screen.		
		For Flange Frame, Add	*183.03*	
		For Clear Lacquer Finish, Add	*366.05*	
		For Baked Enamel Standard Colors, Add	*549.08*	
		For Anodized Finish, Add	*732.10*	
		For Kynar® Standard Colors Finish, Add	*1,006.64*	
08 91 19 00-0072	EA	36" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	2,260.73	159.71
		Note: Includes bird screen.		
		For Flange Frame, Add	*194.13*	
		For Clear Lacquer Finish, Add	*388.26*	
		For Baked Enamel Standard Colors, Add	*582.39*	
		For Anodized Finish, Add	*776.52*	
		For Kynar® Standard Colors Finish, Add	*1,067.72*	
08 91 19 00-0073	EA	36" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	2,402.38	166.51
		Note: Includes bird screen.		
		For Flange Frame, Add	*206.94*	
		For Clear Lacquer Finish, Add	*413.87*	
		For Baked Enamel Standard Colors, Add	*620.81*	
		For Anodized Finish, Add	*827.75*	
		For Kynar® Standard Colors Finish, Add	*1,138.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0074	EA	36" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	2,549.71	173.30
		Note: Includes bird screen.		
		For Flange Frame, Add	*220.31*	
		For Clear Lacquer Finish, Add	*440.62*	
		For Baked Enamel Standard Colors, Add	*660.93*	
		For Anodized Finish, Add	*881.24*	
		For Kynar® Standard Colors Finish, Add	*1,211.71*	
08 91 19 00-0075	EA	36" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	2,676.62	183.50
		Note: Includes bird screen.		
		For Flange Frame, Add	*230.96*	
		For Clear Lacquer Finish, Add	*461.92*	
		For Baked Enamel Standard Colors, Add	*692.89*	
		For Anodized Finish, Add	*923.85*	
		For Kynar® Standard Colors Finish, Add	*1,270.29*	
08 91 19 00-0076	EA	36" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	2,873.81	193.69
		Note: Includes bird screen.		
		For Flange Frame, Add	*248.64*	
		For Clear Lacquer Finish, Add	*497.28*	
		For Baked Enamel Standard Colors, Add	*745.93*	
		For Anodized Finish, Add	*994.57*	
		For Kynar® Standard Colors Finish, Add	*1,367.53*	
08 91 19 00-0077	EA	42" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	785.30	64.57
		Note: Includes bird screen.		
		For Flange Frame, Add	*65.62*	
		For Clear Lacquer Finish, Add	*131.23*	
		For Baked Enamel Standard Colors, Add	*196.85*	
		For Anodized Finish, Add	*262.47*	
		For Kynar® Standard Colors Finish, Add	*360.89*	
08 91 19 00-0078	EA	42" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	963.21	81.56
		Note: Includes bird screen.		
		For Flange Frame, Add	*80.01*	
		For Clear Lacquer Finish, Add	*160.02*	
		For Baked Enamel Standard Colors, Add	*240.03*	
		For Anodized Finish, Add	*320.04*	
		For Kynar® Standard Colors Finish, Add	*440.06*	
08 91 19 00-0079	EA	42" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,116.19	91.74
		Note: Includes bird screen.		
		For Flange Frame, Add	*93.27*	
		For Clear Lacquer Finish, Add	*186.54*	
		For Baked Enamel Standard Colors, Add	*279.81*	
		For Anodized Finish, Add	*373.08*	
		For Kynar® Standard Colors Finish, Add	*512.98*	
08 91 19 00-0080	EA	42" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,305.43	105.34
		Note: Includes bird screen.		
		For Flange Frame, Add	*109.48*	
		For Clear Lacquer Finish, Add	*218.95*	
		For Baked Enamel Standard Colors, Add	*328.43*	
		For Anodized Finish, Add	*437.90*	
		For Kynar® Standard Colors Finish, Add	*602.11*	
08 91 19 00-0081	EA	42" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,504.89	112.13
		Note: Includes bird screen.		
		For Flange Frame, Add	*128.06*	
		For Clear Lacquer Finish, Add	*256.12*	
		For Baked Enamel Standard Colors, Add	*384.18*	
		For Anodized Finish, Add	*512.24*	
		For Kynar® Standard Colors Finish, Add	*704.34*	
08 91 19 00-0082	EA	42" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,664.67	118.93
		Note: Includes bird screen.		
		For Flange Frame, Add	*142.68*	
		For Clear Lacquer Finish, Add	*285.36*	
		For Baked Enamel Standard Colors, Add	*428.04*	
		For Anodized Finish, Add	*570.72*	
		For Kynar® Standard Colors Finish, Add	*784.74*	
08 91 19 00-0083	EA	42" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,802.92	125.73
		Note: Includes bird screen.		
		For Flange Frame, Add	*155.15*	
		For Clear Lacquer Finish, Add	*310.29*	
		For Baked Enamel Standard Colors, Add	*465.44*	
		For Anodized Finish, Add	*620.58*	
		For Kynar® Standard Colors Finish, Add	*853.30*	
08 91 19 00-0084	EA	42" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,968.36	135.92
		Note: Includes bird screen.		
		For Flange Frame, Add	*169.65*	
		For Clear Lacquer Finish, Add	*339.30*	
		For Baked Enamel Standard Colors, Add	*508.96*	
		For Anodized Finish, Add	*678.61*	
		For Kynar® Standard Colors Finish, Add	*933.09*	
08 91 19 00-0085	EA	42" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	2,110.01	146.12
		Note: Includes bird screen.		
		For Flange Frame, Add	*181.78*	
		For Clear Lacquer Finish, Add	*363.56*	
		For Baked Enamel Standard Colors, Add	*545.33*	
		For Anodized Finish, Add	*727.11*	
		For Kynar® Standard Colors Finish, Add	*999.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0086	EA	42" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,329.86	156.31
		Note: Includes bird screen.		
		For Flange Frame, Add	*201.72*	
		For Clear Lacquer Finish, Add	*403.45*	
		For Baked Enamel Standard Colors, Add	*605.17*	
		For Anodized Finish, Add	*806.90*	
		For Kynar® Standard Colors Finish, Add	*1,109.48*	
08 91 19 00-0087	EA	42" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	2,471.51	166.51
		Note: Includes bird screen.		
		For Flange Frame, Add	*213.85*	
		For Clear Lacquer Finish, Add	*427.70*	
		For Baked Enamel Standard Colors, Add	*641.55*	
		For Anodized Finish, Add	*855.40*	
		For Kynar® Standard Colors Finish, Add	*1,176.18*	
08 91 19 00-0088	EA	42" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	2,631.30	173.30
		Note: Includes bird screen.		
		For Flange Frame, Add	*228.47*	
		For Clear Lacquer Finish, Add	*456.94*	
		For Baked Enamel Standard Colors, Add	*685.41*	
		For Anodized Finish, Add	*913.88*	
		For Kynar® Standard Colors Finish, Add	*1,256.58*	
08 91 19 00-0089	EA	42" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	2,792.22	180.10
		Note: Includes bird screen.		
		For Flange Frame, Add	*243.20*	
		For Clear Lacquer Finish, Add	*486.40*	
		For Baked Enamel Standard Colors, Add	*729.61*	
		For Anodized Finish, Add	*972.81*	
		For Kynar® Standard Colors Finish, Add	*1,337.61*	
08 91 19 00-0090	EA	42" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	2,941.80	190.29
		Note: Includes bird screen.		
		For Flange Frame, Add	*256.12*	
		For Clear Lacquer Finish, Add	*512.24*	
		For Baked Enamel Standard Colors, Add	*768.36*	
		For Anodized Finish, Add	*1,024.48*	
		For Kynar® Standard Colors Finish, Add	*1,408.67*	
08 91 19 00-0091	EA	42" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	3,153.72	200.49
		Note: Includes bird screen.		
		For Flange Frame, Add	*275.27*	
		For Clear Lacquer Finish, Add	*550.55*	
		For Baked Enamel Standard Colors, Add	*825.82*	
		For Anodized Finish, Add	*1,101.10*	
		For Kynar® Standard Colors Finish, Add	*1,514.01*	
08 91 19 00-0092	EA	48" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	858.95	71.36
		Note: Includes bird screen.		
		For Flange Frame, Add	*71.62*	
		For Clear Lacquer Finish, Add	*143.25*	
		For Baked Enamel Standard Colors, Add	*214.87*	
		For Anodized Finish, Add	*286.49*	
		For Kynar® Standard Colors Finish, Add	*393.93*	
08 91 19 00-0093	EA	48" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,052.73	88.35
		Note: Includes bird screen.		
		For Flange Frame, Add	*87.60*	
		For Clear Lacquer Finish, Add	*175.21*	
		For Baked Enamel Standard Colors, Add	*262.81*	
		For Anodized Finish, Add	*350.41*	
		For Kynar® Standard Colors Finish, Add	*481.82*	
08 91 19 00-0094	EA	48" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,232.91	101.94
		Note: Includes bird screen.		
		For Flange Frame, Add	*102.90*	
		For Clear Lacquer Finish, Add	*205.80*	
		For Baked Enamel Standard Colors, Add	*308.71*	
		For Anodized Finish, Add	*411.61*	
		For Kynar® Standard Colors Finish, Add	*565.96*	
08 91 19 00-0095	EA	48" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,418.76	112.13
		Note: Includes bird screen.		
		For Flange Frame, Add	*119.45*	
		For Clear Lacquer Finish, Add	*238.90*	
		For Baked Enamel Standard Colors, Add	*358.34*	
		For Anodized Finish, Add	*477.79*	
		For Kynar® Standard Colors Finish, Add	*656.96*	
08 91 19 00-0096	EA	48" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,646.54	118.93
		Note: Includes bird screen.		
		For Flange Frame, Add	*140.87*	
		For Clear Lacquer Finish, Add	*281.73*	
		For Baked Enamel Standard Colors, Add	*422.60*	
		For Anodized Finish, Add	*563.47*	
		For Kynar® Standard Colors Finish, Add	*774.77*	
08 91 19 00-0097	EA	48" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,831.25	125.73
		Note: Includes bird screen.		
		For Flange Frame, Add	*157.98*	
		For Clear Lacquer Finish, Add	*315.96*	
		For Baked Enamel Standard Colors, Add	*473.94*	
		For Anodized Finish, Add	*631.92*	
		For Kynar® Standard Colors Finish, Add	*868.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0098	EA	48" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,984.23	135.92
		Note: Includes bird screen.		
		For Flange Frame, Add	*171.24*	
		For Clear Lacquer Finish, Add	*342.48*	
		For Baked Enamel Standard Colors, Add	*513.72*	
		For Anodized Finish, Add	*684.96*	
		For Kynar® Standard Colors Finish, Add	*941.81*	
08 91 19 00-0099	EA	48" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	2,224.47	146.12
		Note: Includes bird screen.		
		For Flange Frame, Add	*193.22*	
		For Clear Lacquer Finish, Add	*386.45*	
		For Baked Enamel Standard Colors, Add	*579.67*	
		For Anodized Finish, Add	*772.90*	
		For Kynar® Standard Colors Finish, Add	*1,062.73*	
08 91 19 00-0100	EA	48" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	2,329.86	156.31
		Note: Includes bird screen.		
		For Flange Frame, Add	*201.72*	
		For Clear Lacquer Finish, Add	*403.45*	
		For Baked Enamel Standard Colors, Add	*605.17*	
		For Anodized Finish, Add	*806.90*	
		For Kynar® Standard Colors Finish, Add	*1,109.48*	
08 91 19 00-0101	EA	48" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,564.44	166.51
		Note: Includes bird screen.		
		For Flange Frame, Add	*223.14*	
		For Clear Lacquer Finish, Add	*446.29*	
		For Baked Enamel Standard Colors, Add	*669.43*	
		For Anodized Finish, Add	*892.57*	
		For Kynar® Standard Colors Finish, Add	*1,227.29*	
08 91 19 00-0102	EA	48" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	2,727.62	176.70
		Note: Includes bird screen.		
		For Flange Frame, Add	*237.42*	
		For Clear Lacquer Finish, Add	*474.84*	
		For Baked Enamel Standard Colors, Add	*712.27*	
		For Anodized Finish, Add	*949.69*	
		For Kynar® Standard Colors Finish, Add	*1,305.82*	
08 91 19 00-0103	EA	48" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	2,905.55	183.50
		Note: Includes bird screen.		
		For Flange Frame, Add	*253.86*	
		For Clear Lacquer Finish, Add	*507.71*	
		For Baked Enamel Standard Colors, Add	*761.57*	
		For Anodized Finish, Add	*1,015.42*	
		For Kynar® Standard Colors Finish, Add	*1,396.20*	
08 91 19 00-0104	EA	48" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	3,083.46	190.29
		Note: Includes bird screen.		
		For Flange Frame, Add	*270.29*	
		For Clear Lacquer Finish, Add	*540.57*	
		For Baked Enamel Standard Colors, Add	*810.86*	
		For Anodized Finish, Add	*1,081.15*	
		For Kynar® Standard Colors Finish, Add	*1,486.58*	
08 91 19 00-0105	EA	48" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	3,231.91	197.09
		Note: Includes bird screen.		
		For Flange Frame, Add	*283.77*	
		For Clear Lacquer Finish, Add	*567.55*	
		For Baked Enamel Standard Colors, Add	*851.32*	
		For Anodized Finish, Add	*1,135.09*	
		For Kynar® Standard Colors Finish, Add	*1,560.75*	
08 91 19 00-0106	EA	48" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	3,475.56	207.29
		Note: Includes bird screen.		
		For Flange Frame, Add	*306.10*	
		For Clear Lacquer Finish, Add	*612.20*	
		For Baked Enamel Standard Colors, Add	*918.30*	
		For Anodized Finish, Add	*1,224.40*	
		For Kynar® Standard Colors Finish, Add	*1,683.54*	
08 91 19 00-0107	EA	54" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	951.87	81.56
		Note: Includes bird screen.		
		For Flange Frame, Add	*78.88*	
		For Clear Lacquer Finish, Add	*157.75*	
		For Baked Enamel Standard Colors, Add	*236.63*	
		For Anodized Finish, Add	*315.50*	
		For Kynar® Standard Colors Finish, Add	*433.82*	
08 91 19 00-0108	EA	54" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,168.31	98.54
		Note: Includes bird screen.		
		For Flange Frame, Add	*97.12*	
		For Clear Lacquer Finish, Add	*194.24*	
		For Baked Enamel Standard Colors, Add	*291.37*	
		For Anodized Finish, Add	*388.49*	
		For Kynar® Standard Colors Finish, Add	*534.17*	
08 91 19 00-0109	EA	54" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,367.75	115.53
		Note: Includes bird screen.		
		For Flange Frame, Add	*113.67*	
		For Clear Lacquer Finish, Add	*227.34*	
		For Baked Enamel Standard Colors, Add	*341.00*	
		For Anodized Finish, Add	*454.67*	
		For Kynar® Standard Colors Finish, Add	*625.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0110	EA	54" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,566.07	122.33
		Note: Includes bird screen.		
		For Flange Frame, Add	*132.14*	
		For Clear Lacquer Finish, Add	*264.28*	
		For Baked Enamel Standard Colors, Add	*396.42*	
		For Anodized Finish, Add	*528.56*	
		For Kynar® Standard Colors Finish, Add	*726.77*	
08 91 19 00-0111	EA	54" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,838.05	129.13
		Note: Includes bird screen.		
		For Flange Frame, Add	*157.98*	
		For Clear Lacquer Finish, Add	*315.96*	
		For Baked Enamel Standard Colors, Add	*473.94*	
		For Anodized Finish, Add	*631.92*	
		For Kynar® Standard Colors Finish, Add	*868.88*	
08 91 19 00-0112	EA	54" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	2,027.29	135.92
		Note: Includes bird screen.		
		For Flange Frame, Add	*175.55*	
		For Clear Lacquer Finish, Add	*351.09*	
		For Baked Enamel Standard Colors, Add	*526.64*	
		For Anodized Finish, Add	*702.18*	
		For Kynar® Standard Colors Finish, Add	*965.50*	
08 91 19 00-0113	EA	54" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	2,206.34	146.12
		Note: Includes bird screen.		
		For Flange Frame, Add	*191.41*	
		For Clear Lacquer Finish, Add	*382.82*	
		For Baked Enamel Standard Colors, Add	*574.23*	
		For Anodized Finish, Add	*765.64*	
		For Kynar® Standard Colors Finish, Add	*1,052.76*	
08 91 19 00-0114	EA	54" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	2,468.12	156.31
		Note: Includes bird screen.		
		For Flange Frame, Add	*215.55*	
		For Clear Lacquer Finish, Add	*431.10*	
		For Baked Enamel Standard Colors, Add	*646.65*	
		For Anodized Finish, Add	*862.20*	
		For Kynar® Standard Colors Finish, Add	*1,185.53*	
08 91 19 00-0115	EA	54" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	2,652.83	166.51
		Note: Includes bird screen.		
		For Flange Frame, Add	*231.98*	
		For Clear Lacquer Finish, Add	*463.96*	
		For Baked Enamel Standard Colors, Add	*695.95*	
		For Anodized Finish, Add	*927.93*	
		For Kynar® Standard Colors Finish, Add	*1,275.90*	
08 91 19 00-0116	EA	54" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,927.08	176.70
		Note: Includes bird screen.		
		For Flange Frame, Add	*257.37*	
		For Clear Lacquer Finish, Add	*514.74*	
		For Baked Enamel Standard Colors, Add	*772.10*	
		For Anodized Finish, Add	*1,029.47*	
		For Kynar® Standard Colors Finish, Add	*1,415.52*	
08 91 19 00-0117	EA	54" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	3,103.87	183.50
		Note: Includes bird screen.		
		For Flange Frame, Add	*273.69*	
		For Clear Lacquer Finish, Add	*547.37*	
		For Baked Enamel Standard Colors, Add	*821.06*	
		For Anodized Finish, Add	*1,094.75*	
		For Kynar® Standard Colors Finish, Add	*1,505.28*	
08 91 19 00-0118	EA	54" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	3,305.59	190.29
		Note: Includes bird screen.		
		For Flange Frame, Add	*292.50*	
		For Clear Lacquer Finish, Add	*585.00*	
		For Baked Enamel Standard Colors, Add	*877.50*	
		For Anodized Finish, Add	*1,170.00*	
		For Kynar® Standard Colors Finish, Add	*1,608.75*	
08 91 19 00-0119	EA	54" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	3,499.37	197.09
		Note: Includes bird screen.		
		For Flange Frame, Add	*310.52*	
		For Clear Lacquer Finish, Add	*621.04*	
		For Baked Enamel Standard Colors, Add	*931.56*	
		For Anodized Finish, Add	*1,242.08*	
		For Kynar® Standard Colors Finish, Add	*1,707.85*	
08 91 19 00-0120	EA	54" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	3,660.29	203.89
		Note: Includes bird screen.		
		For Flange Frame, Add	*325.25*	
		For Clear Lacquer Finish, Add	*650.50*	
		For Baked Enamel Standard Colors, Add	*975.75*	
		For Anodized Finish, Add	*1,301.00*	
		For Kynar® Standard Colors Finish, Add	*1,788.88*	
08 91 19 00-0121	EA	54" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	3,943.60	214.08
		Note: Includes bird screen.		
		For Flange Frame, Add	*351.54*	
		For Clear Lacquer Finish, Add	*703.09*	
		For Baked Enamel Standard Colors, Add	*1,054.63*	
		For Anodized Finish, Add	*1,406.17*	
		For Kynar® Standard Colors Finish, Add	*1,933.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0122	EA	60" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,023.26	88.35
		Note: Includes bird screen.		
		For Flange Frame, Add	*84.66*	
		For Clear Lacquer Finish, Add	*169.31*	
		For Baked Enamel Standard Colors, Add	*253.97*	
		For Anodized Finish, Add	*338.62*	
		For Kynar® Standard Colors Finish, Add	*465.61*	
08 91 19 00-0123	EA	60" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,262.36	108.74
		Note: Includes bird screen.		
		For Flange Frame, Add	*104.49*	
		For Clear Lacquer Finish, Add	*208.98*	
		For Baked Enamel Standard Colors, Add	*313.46*	
		For Anodized Finish, Add	*417.95*	
		For Kynar® Standard Colors Finish, Add	*574.68*	
08 91 19 00-0124	EA	60" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,466.35	122.33
		Note: Includes bird screen.		
		For Flange Frame, Add	*122.17*	
		For Clear Lacquer Finish, Add	*244.34*	
		For Baked Enamel Standard Colors, Add	*366.50*	
		For Anodized Finish, Add	*488.67*	
		For Kynar® Standard Colors Finish, Add	*671.92*	
08 91 19 00-0125	EA	60" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,695.26	129.13
		Note: Includes bird screen.		
		For Flange Frame, Add	*143.70*	
		For Clear Lacquer Finish, Add	*287.40*	
		For Baked Enamel Standard Colors, Add	*431.10*	
		For Anodized Finish, Add	*574.80*	
		For Kynar® Standard Colors Finish, Add	*790.35*	
08 91 19 00-0126	EA	60" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,979.69	139.32
		Note: Includes bird screen.		
		For Flange Frame, Add	*170.11*	
		For Clear Lacquer Finish, Add	*340.21*	
		For Baked Enamel Standard Colors, Add	*510.32*	
		For Anodized Finish, Add	*680.42*	
		For Kynar® Standard Colors Finish, Add	*935.58*	
08 91 19 00-0127	EA	60" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	2,191.61	146.12
		Note: Includes bird screen.		
		For Flange Frame, Add	*189.94*	
		For Clear Lacquer Finish, Add	*379.88*	
		For Baked Enamel Standard Colors, Add	*569.81*	
		For Anodized Finish, Add	*759.75*	
		For Kynar® Standard Colors Finish, Add	*1,044.66*	
08 91 19 00-0128	EA	60" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	2,378.59	156.31
		Note: Includes bird screen.		
		For Flange Frame, Add	*206.60*	
		For Clear Lacquer Finish, Add	*413.19*	
		For Baked Enamel Standard Colors, Add	*619.79*	
		For Anodized Finish, Add	*826.39*	
		For Kynar® Standard Colors Finish, Add	*1,136.28*	
08 91 19 00-0129	EA	60" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	2,658.50	166.51
		Note: Includes bird screen.		
		For Flange Frame, Add	*232.55*	
		For Clear Lacquer Finish, Add	*465.10*	
		For Baked Enamel Standard Colors, Add	*697.65*	
		For Anodized Finish, Add	*930.20*	
		For Kynar® Standard Colors Finish, Add	*1,279.02*	
08 91 19 00-0130	EA	60" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	2,856.82	176.70
		Note: Includes bird screen.		
		For Flange Frame, Add	*250.34*	
		For Clear Lacquer Finish, Add	*500.68*	
		For Baked Enamel Standard Colors, Add	*751.03*	
		For Anodized Finish, Add	*1,001.37*	
		For Kynar® Standard Colors Finish, Add	*1,376.88*	
08 91 19 00-0131	EA	60" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	3,153.73	186.90
		Note: Includes bird screen.		
		For Flange Frame, Add	*277.99*	
		For Clear Lacquer Finish, Add	*555.99*	
		For Baked Enamel Standard Colors, Add	*833.98*	
		For Anodized Finish, Add	*1,111.98*	
		For Kynar® Standard Colors Finish, Add	*1,528.97*	
08 91 19 00-0132	EA	60" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	3,341.85	193.69
		Note: Includes bird screen.		
		For Flange Frame, Add	*295.45*	
		For Clear Lacquer Finish, Add	*590.89*	
		For Baked Enamel Standard Colors, Add	*886.34*	
		For Anodized Finish, Add	*1,181.78*	
		For Kynar® Standard Colors Finish, Add	*1,624.95*	
08 91 19 00-0133	EA	60" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	3,556.03	200.49
		Note: Includes bird screen.		
		For Flange Frame, Add	*315.51*	
		For Clear Lacquer Finish, Add	*631.01*	
		For Baked Enamel Standard Colors, Add	*946.52*	
		For Anodized Finish, Add	*1,262.02*	
		For Kynar® Standard Colors Finish, Add	*1,735.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0134	EA	60" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	3,765.68	207.29
		Note: Includes bird screen.		
		For Flange Frame, Add	*335.11*	
		For Clear Lacquer Finish, Add	*670.22*	
		For Baked Enamel Standard Colors, Add	*1,005.33*	
		For Anodized Finish, Add	*1,340.44*	
		For Kynar® Standard Colors Finish, Add	*1,843.11*	
08 91 19 00-0135	EA	60" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	3,943.60	214.08
		Note: Includes bird screen.		
		For Flange Frame, Add	*351.54*	
		For Clear Lacquer Finish, Add	*703.09*	
		For Baked Enamel Standard Colors, Add	*1,054.63*	
		For Anodized Finish, Add	*1,406.17*	
		For Kynar® Standard Colors Finish, Add	*1,933.49*	
08 91 19 00-0136	EA	60" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	4,239.37	220.88
		Note: Includes bird screen.		
		For Flange Frame, Add	*379.76*	
		For Clear Lacquer Finish, Add	*759.52*	
		For Baked Enamel Standard Colors, Add	*1,139.29*	
		For Anodized Finish, Add	*1,519.05*	
		For Kynar® Standard Colors Finish, Add	*2,088.69*	
08 91 19 00-0137	EA	66" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,178.51	95.14
		Note: Includes bird screen.		
		For Flange Frame, Add	*98.82*	
		For Clear Lacquer Finish, Add	*197.64*	
		For Baked Enamel Standard Colors, Add	*296.47*	
		For Anodized Finish, Add	*395.29*	
		For Kynar® Standard Colors Finish, Add	*543.52*	
08 91 19 00-0138	EA	66" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,457.28	115.53
		Note: Includes bird screen.		
		For Flange Frame, Add	*122.62*	
		For Clear Lacquer Finish, Add	*245.24*	
		For Baked Enamel Standard Colors, Add	*367.86*	
		For Anodized Finish, Add	*490.48*	
		For Kynar® Standard Colors Finish, Add	*674.42*	
08 91 19 00-0139	EA	66" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,698.64	135.92
		Note: Includes bird screen.		
		For Flange Frame, Add	*142.68*	
		For Clear Lacquer Finish, Add	*285.36*	
		For Baked Enamel Standard Colors, Add	*428.04*	
		For Anodized Finish, Add	*570.72*	
		For Kynar® Standard Colors Finish, Add	*784.74*	
08 91 19 00-0140	EA	66" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,947.96	142.72
		Note: Includes bird screen.		
		For Flange Frame, Add	*166.25*	
		For Clear Lacquer Finish, Add	*332.50*	
		For Baked Enamel Standard Colors, Add	*498.76*	
		For Anodized Finish, Add	*665.01*	
		For Kynar® Standard Colors Finish, Add	*914.39*	
08 91 19 00-0141	EA	66" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	2,278.87	149.52
		Note: Includes bird screen.		
		For Flange Frame, Add	*197.98*	
		For Clear Lacquer Finish, Add	*395.97*	
		For Baked Enamel Standard Colors, Add	*593.95*	
		For Anodized Finish, Add	*791.94*	
		For Kynar® Standard Colors Finish, Add	*1,088.91*	
08 91 19 00-0142	EA	66" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	2,510.05	156.31
		Note: Includes bird screen.		
		For Flange Frame, Add	*219.74*	
		For Clear Lacquer Finish, Add	*439.49*	
		For Baked Enamel Standard Colors, Add	*659.23*	
		For Anodized Finish, Add	*878.97*	
		For Kynar® Standard Colors Finish, Add	*1,208.59*	
08 91 19 00-0143	EA	66" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	2,733.30	166.51
		Note: Includes bird screen.		
		For Flange Frame, Add	*240.03*	
		For Clear Lacquer Finish, Add	*480.06*	
		For Baked Enamel Standard Colors, Add	*720.09*	
		For Anodized Finish, Add	*960.12*	
		For Kynar® Standard Colors Finish, Add	*1,320.16*	
08 91 19 00-0144	EA	66" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	2,995.08	176.70
		Note: Includes bird screen.		
		For Flange Frame, Add	*264.17*	
		For Clear Lacquer Finish, Add	*528.34*	
		For Baked Enamel Standard Colors, Add	*792.50*	
		For Anodized Finish, Add	*1,056.67*	
		For Kynar® Standard Colors Finish, Add	*1,452.92*	
08 91 19 00-0145	EA	66" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	3,217.19	186.90
		Note: Includes bird screen.		
		For Flange Frame, Add	*284.34*	
		For Clear Lacquer Finish, Add	*568.68*	
		For Baked Enamel Standard Colors, Add	*853.02*	
		For Anodized Finish, Add	*1,137.36*	
		For Kynar® Standard Colors Finish, Add	*1,563.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0146	EA	66" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	3,558.30	200.49
		Note: Includes bird screen.		
		For Flange Frame, Add	*315.73*	
		For Clear Lacquer Finish, Add	*631.46*	
		For Baked Enamel Standard Colors, Add	*947.20*	
		For Anodized Finish, Add	*1,262.93*	
		For Kynar® Standard Colors Finish, Add	*1,736.53*	
08 91 19 00-0147	EA	66" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	3,772.48	210.68
		Note: Includes bird screen.		
		For Flange Frame, Add	*335.11*	
		For Clear Lacquer Finish, Add	*670.22*	
		For Baked Enamel Standard Colors, Add	*1,005.33*	
		For Anodized Finish, Add	*1,340.44*	
		For Kynar® Standard Colors Finish, Add	*1,843.11*	
08 91 19 00-0148	EA	66" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	3,999.12	217.48
		Note: Includes bird screen.		
		For Flange Frame, Add	*356.42*	
		For Clear Lacquer Finish, Add	*712.83*	
		For Baked Enamel Standard Colors, Add	*1,069.25*	
		For Anodized Finish, Add	*1,425.67*	
		For Kynar® Standard Colors Finish, Add	*1,960.29*	
08 91 19 00-0149	EA	66" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	4,230.31	224.28
		Note: Includes bird screen.		
		For Flange Frame, Add	*378.18*	
		For Clear Lacquer Finish, Add	*756.35*	
		For Baked Enamel Standard Colors, Add	*1,134.53*	
		For Anodized Finish, Add	*1,512.70*	
		For Kynar® Standard Colors Finish, Add	*2,079.97*	
08 91 19 00-0150	EA	66" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	4,430.89	231.07
		Note: Includes bird screen.		
		For Flange Frame, Add	*396.88*	
		For Clear Lacquer Finish, Add	*793.75*	
		For Baked Enamel Standard Colors, Add	*1,190.63*	
		For Anodized Finish, Add	*1,587.50*	
		For Kynar® Standard Colors Finish, Add	*2,182.81*	
08 91 19 00-0151	EA	66" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	4,760.66	237.87
		Note: Includes bird screen.		
		For Flange Frame, Add	*428.49*	
		For Clear Lacquer Finish, Add	*856.99*	
		For Baked Enamel Standard Colors, Add	*1,285.48*	
		For Anodized Finish, Add	*1,713.97*	
		For Kynar® Standard Colors Finish, Add	*2,356.71*	
08 91 19 00-0152	EA	72" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,244.24	101.94
		Note: Includes bird screen.		
		For Flange Frame, Add	*104.04*	
		For Clear Lacquer Finish, Add	*208.07*	
		For Baked Enamel Standard Colors, Add	*312.11*	
		For Anodized Finish, Add	*416.14*	
		For Kynar® Standard Colors Finish, Add	*572.19*	
08 91 19 00-0153	EA	72" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,536.61	122.33
		Note: Includes bird screen.		
		For Flange Frame, Add	*129.19*	
		For Clear Lacquer Finish, Add	*258.39*	
		For Baked Enamel Standard Colors, Add	*387.58*	
		For Anodized Finish, Add	*516.78*	
		For Kynar® Standard Colors Finish, Add	*710.57*	
08 91 19 00-0154	EA	72" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,790.44	142.72
		Note: Includes bird screen.		
		For Flange Frame, Add	*150.50*	
		For Clear Lacquer Finish, Add	*301.00*	
		For Baked Enamel Standard Colors, Add	*451.50*	
		For Anodized Finish, Add	*602.00*	
		For Kynar® Standard Colors Finish, Add	*827.75*	
08 91 19 00-0155	EA	72" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	2,061.28	152.91
		Note: Includes bird screen.		
		For Flange Frame, Add	*175.55*	
		For Clear Lacquer Finish, Add	*351.09*	
		For Baked Enamel Standard Colors, Add	*526.64*	
		For Anodized Finish, Add	*702.18*	
		For Kynar® Standard Colors Finish, Add	*965.50*	
08 91 19 00-0156	EA	72" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	2,415.99	159.71
		Note: Includes bird screen.		
		For Flange Frame, Add	*209.66*	
		For Clear Lacquer Finish, Add	*419.31*	
		For Baked Enamel Standard Colors, Add	*628.97*	
		For Anodized Finish, Add	*838.63*	
		For Kynar® Standard Colors Finish, Add	*1,153.11*	
08 91 19 00-0157	EA	72" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	2,659.63	166.51
		Note: Includes bird screen.		
		For Flange Frame, Add	*232.66*	
		For Clear Lacquer Finish, Add	*465.32*	
		For Baked Enamel Standard Colors, Add	*697.99*	
		For Anodized Finish, Add	*930.65*	
		For Kynar® Standard Colors Finish, Add	*1,279.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0158	EA	72" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	2,897.61	176.70
		Note: Includes bird screen.		
		For Flange Frame, Add	*254.42*	
		For Clear Lacquer Finish, Add	*508.84*	
		For Baked Enamel Standard Colors, Add	*763.26*	
		For Anodized Finish, Add	*1,017.68*	
		For Kynar® Standard Colors Finish, Add	*1,399.32*	
08 91 19 00-0159	EA	72" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	3,167.33	183.50
		Note: Includes bird screen.		
		For Flange Frame, Add	*280.03*	
		For Clear Lacquer Finish, Add	*560.07*	
		For Baked Enamel Standard Colors, Add	*840.10*	
		For Anodized Finish, Add	*1,120.13*	
		For Kynar® Standard Colors Finish, Add	*1,540.18*	
08 91 19 00-0160	EA	72" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	3,399.65	193.69
		Note: Includes bird screen.		
		For Flange Frame, Add	*301.23*	
		For Clear Lacquer Finish, Add	*602.45*	
		For Baked Enamel Standard Colors, Add	*903.68*	
		For Anodized Finish, Add	*1,204.90*	
		For Kynar® Standard Colors Finish, Add	*1,656.74*	
08 91 19 00-0161	EA	72" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	3,772.48	210.68
		Note: Includes bird screen.		
		For Flange Frame, Add	*335.11*	
		For Clear Lacquer Finish, Add	*670.22*	
		For Baked Enamel Standard Colors, Add	*1,005.33*	
		For Anodized Finish, Add	*1,340.44*	
		For Kynar® Standard Colors Finish, Add	*1,843.11*	
08 91 19 00-0162	EA	72" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	4,008.18	220.88
		Note: Includes bird screen.		
		For Flange Frame, Add	*356.64*	
		For Clear Lacquer Finish, Add	*713.29*	
		For Baked Enamel Standard Colors, Add	*1,069.93*	
		For Anodized Finish, Add	*1,426.57*	
		For Kynar® Standard Colors Finish, Add	*1,961.54*	
08 91 19 00-0163	EA	72" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	4,241.63	227.68
		Note: Includes bird screen.		
		For Flange Frame, Add	*378.63*	
		For Clear Lacquer Finish, Add	*757.26*	
		For Baked Enamel Standard Colors, Add	*1,135.89*	
		For Anodized Finish, Add	*1,514.52*	
		For Kynar® Standard Colors Finish, Add	*2,082.46*	
08 91 19 00-0164	EA	72" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	4,478.48	234.47
		Note: Includes bird screen.		
		For Flange Frame, Add	*400.95*	
		For Clear Lacquer Finish, Add	*801.91*	
		For Baked Enamel Standard Colors, Add	*1,202.86*	
		For Anodized Finish, Add	*1,603.82*	
		For Kynar® Standard Colors Finish, Add	*2,205.25*	
08 91 19 00-0165	EA	72" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	4,700.60	241.27
		Note: Includes bird screen.		
		For Flange Frame, Add	*421.81*	
		For Clear Lacquer Finish, Add	*843.61*	
		For Baked Enamel Standard Colors, Add	*1,265.42*	
		For Anodized Finish, Add	*1,687.23*	
		For Kynar® Standard Colors Finish, Add	*2,319.94*	
08 91 19 00-0166	EA	72" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	5,051.91	248.07
		Note: Includes bird screen.		
		For Flange Frame, Add	*455.58*	
		For Clear Lacquer Finish, Add	*911.16*	
		For Baked Enamel Standard Colors, Add	*1,366.74*	
		For Anodized Finish, Add	*1,822.32*	
		For Kynar® Standard Colors Finish, Add	*2,505.68*	
08 91 19 00-0167	EA	78" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,323.56	108.74
		Note: Includes bird screen.		
		For Flange Frame, Add	*110.61*	
		For Clear Lacquer Finish, Add	*221.22*	
		For Baked Enamel Standard Colors, Add	*331.82*	
		For Anodized Finish, Add	*442.43*	
		For Kynar® Standard Colors Finish, Add	*608.34*	
08 91 19 00-0168	EA	78" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,623.86	129.13
		Note: Includes bird screen.		
		For Flange Frame, Add	*136.56*	
		For Clear Lacquer Finish, Add	*273.12*	
		For Baked Enamel Standard Colors, Add	*409.68*	
		For Anodized Finish, Add	*546.24*	
		For Kynar® Standard Colors Finish, Add	*751.08*	
08 91 19 00-0169	EA	78" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,883.36	149.52
		Note: Includes bird screen.		
		For Flange Frame, Add	*158.43*	
		For Clear Lacquer Finish, Add	*316.87*	
		For Baked Enamel Standard Colors, Add	*475.30*	
		For Anodized Finish, Add	*633.73*	
		For Kynar® Standard Colors Finish, Add	*871.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0170	EA	78" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	2,172.33	159.71
		Note: Includes bird screen.		
		For Flange Frame, Add	*185.29*	
		For Clear Lacquer Finish, Add	*370.58*	
		For Baked Enamel Standard Colors, Add	*555.87*	
		For Anodized Finish, Add	*741.16*	
		For Kynar® Standard Colors Finish, Add	*1,019.10*	
08 91 19 00-0171	EA	78" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	2,547.44	166.51
		Note: Includes bird screen.		
		For Flange Frame, Add	*221.44*	
		For Clear Lacquer Finish, Add	*442.89*	
		For Baked Enamel Standard Colors, Add	*664.33*	
		For Anodized Finish, Add	*885.77*	
		For Kynar® Standard Colors Finish, Add	*1,217.94*	
08 91 19 00-0172	EA	78" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	2,801.29	173.30
		Note: Includes bird screen.		
		For Flange Frame, Add	*245.47*	
		For Clear Lacquer Finish, Add	*490.94*	
		For Baked Enamel Standard Colors, Add	*736.40*	
		For Anodized Finish, Add	*981.87*	
		For Kynar® Standard Colors Finish, Add	*1,350.07*	
08 91 19 00-0173	EA	78" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	3,056.27	183.50
		Note: Includes bird screen.		
		For Flange Frame, Add	*268.93*	
		For Clear Lacquer Finish, Add	*537.85*	
		For Baked Enamel Standard Colors, Add	*806.78*	
		For Anodized Finish, Add	*1,075.71*	
		For Kynar® Standard Colors Finish, Add	*1,479.10*	
08 91 19 00-0174	EA	78" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	3,341.85	190.29
		Note: Includes bird screen.		
		For Flange Frame, Add	*296.13*	
		For Clear Lacquer Finish, Add	*592.25*	
		For Baked Enamel Standard Colors, Add	*888.38*	
		For Anodized Finish, Add	*1,184.50*	
		For Kynar® Standard Colors Finish, Add	*1,628.69*	
08 91 19 00-0175	EA	78" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	3,591.16	200.49
		Note: Includes bird screen.		
		For Flange Frame, Add	*319.02*	
		For Clear Lacquer Finish, Add	*638.04*	
		For Baked Enamel Standard Colors, Add	*957.05*	
		For Anodized Finish, Add	*1,276.07*	
		For Kynar® Standard Colors Finish, Add	*1,754.60*	
08 91 19 00-0176	EA	78" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	3,987.78	217.48
		Note: Includes bird screen.		
		For Flange Frame, Add	*355.28*	
		For Clear Lacquer Finish, Add	*710.57*	
		For Baked Enamel Standard Colors, Add	*1,065.85*	
		For Anodized Finish, Add	*1,421.13*	
		For Kynar® Standard Colors Finish, Add	*1,954.06*	
08 91 19 00-0177	EA	78" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	4,234.83	227.68
		Note: Includes bird screen.		
		For Flange Frame, Add	*377.95*	
		For Clear Lacquer Finish, Add	*755.90*	
		For Baked Enamel Standard Colors, Add	*1,133.85*	
		For Anodized Finish, Add	*1,511.80*	
		For Kynar® Standard Colors Finish, Add	*2,078.72*	
08 91 19 00-0178	EA	78" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	4,493.21	237.87
		Note: Includes bird screen.		
		For Flange Frame, Add	*401.75*	
		For Clear Lacquer Finish, Add	*803.50*	
		For Baked Enamel Standard Colors, Add	*1,205.24*	
		For Anodized Finish, Add	*1,606.99*	
		For Kynar® Standard Colors Finish, Add	*2,209.61*	
08 91 19 00-0179	EA	78" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	4,730.06	244.67
		Note: Includes bird screen.		
		For Flange Frame, Add	*424.07*	
		For Clear Lacquer Finish, Add	*848.15*	
		For Baked Enamel Standard Colors, Add	*1,272.22*	
		For Anodized Finish, Add	*1,696.29*	
		For Kynar® Standard Colors Finish, Add	*2,332.40*	
08 91 19 00-0180	EA	78" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	4,966.91	251.46
		Note: Includes bird screen.		
		For Flange Frame, Add	*446.40*	
		For Clear Lacquer Finish, Add	*892.80*	
		For Baked Enamel Standard Colors, Add	*1,339.20*	
		For Anodized Finish, Add	*1,785.60*	
		For Kynar® Standard Colors Finish, Add	*2,455.19*	
08 91 19 00-0181	EA	78" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	5,340.88	258.26
		Note: Includes bird screen.		
		For Flange Frame, Add	*482.44*	
		For Clear Lacquer Finish, Add	*964.87*	
		For Baked Enamel Standard Colors, Add	*1,447.31*	
		For Anodized Finish, Add	*1,929.75*	
		For Kynar® Standard Colors Finish, Add	*2,653.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0182	EA	84" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,388.15	115.53
		Note: Includes bird screen.		
		For Flange Frame, Add	*115.71*	
		For Clear Lacquer Finish, Add	*231.42*	
		For Baked Enamel Standard Colors, Add	*347.12*	
		For Anodized Finish, Add	*462.83*	
		For Kynar® Standard Colors Finish, Add	*636.39*	
08 91 19 00-0183	EA	84" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,700.91	135.92
		Note: Includes bird screen.		
		For Flange Frame, Add	*142.91*	
		For Clear Lacquer Finish, Add	*285.81*	
		For Baked Enamel Standard Colors, Add	*428.72*	
		For Anodized Finish, Add	*571.63*	
		For Kynar® Standard Colors Finish, Add	*785.99*	
08 91 19 00-0184	EA	84" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,987.61	156.31
		Note: Includes bird screen.		
		For Flange Frame, Add	*167.50*	
		For Clear Lacquer Finish, Add	*335.00*	
		For Baked Enamel Standard Colors, Add	*502.50*	
		For Anodized Finish, Add	*670.00*	
		For Kynar® Standard Colors Finish, Add	*921.24*	
08 91 19 00-0185	EA	84" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	2,285.65	166.51
		Note: Includes bird screen.		
		For Flange Frame, Add	*195.26*	
		For Clear Lacquer Finish, Add	*390.53*	
		For Baked Enamel Standard Colors, Add	*585.79*	
		For Anodized Finish, Add	*781.06*	
		For Kynar® Standard Colors Finish, Add	*1,073.95*	
08 91 19 00-0186	EA	84" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	2,684.57	173.30
		Note: Includes bird screen.		
		For Flange Frame, Add	*233.80*	
		For Clear Lacquer Finish, Add	*467.59*	
		For Baked Enamel Standard Colors, Add	*701.39*	
		For Anodized Finish, Add	*935.18*	
		For Kynar® Standard Colors Finish, Add	*1,285.88*	
08 91 19 00-0187	EA	84" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	2,953.14	180.10
		Note: Includes bird screen.		
		For Flange Frame, Add	*259.29*	
		For Clear Lacquer Finish, Add	*518.59*	
		For Baked Enamel Standard Colors, Add	*777.88*	
		For Anodized Finish, Add	*1,037.18*	
		For Kynar® Standard Colors Finish, Add	*1,426.12*	
08 91 19 00-0188	EA	84" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	3,213.79	190.29
		Note: Includes bird screen.		
		For Flange Frame, Add	*283.32*	
		For Clear Lacquer Finish, Add	*566.64*	
		For Baked Enamel Standard Colors, Add	*849.96*	
		For Anodized Finish, Add	*1,133.28*	
		For Kynar® Standard Colors Finish, Add	*1,558.26*	
08 91 19 00-0189	EA	84" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	3,522.03	197.09
		Note: Includes bird screen.		
		For Flange Frame, Add	*312.79*	
		For Clear Lacquer Finish, Add	*625.57*	
		For Baked Enamel Standard Colors, Add	*938.36*	
		For Anodized Finish, Add	*1,251.14*	
		For Kynar® Standard Colors Finish, Add	*1,720.32*	
08 91 19 00-0190	EA	84" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	3,783.81	207.29
		Note: Includes bird screen.		
		For Flange Frame, Add	*336.92*	
		For Clear Lacquer Finish, Add	*673.85*	
		For Baked Enamel Standard Colors, Add	*1,010.77*	
		For Anodized Finish, Add	*1,347.70*	
		For Kynar® Standard Colors Finish, Add	*1,853.08*	
08 91 19 00-0191	EA	84" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	4,204.24	224.28
		Note: Includes bird screen.		
		For Flange Frame, Add	*375.57*	
		For Clear Lacquer Finish, Add	*751.14*	
		For Baked Enamel Standard Colors, Add	*1,126.71*	
		For Anodized Finish, Add	*1,502.28*	
		For Kynar® Standard Colors Finish, Add	*2,065.63*	
08 91 19 00-0192	EA	84" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	4,460.35	234.47
		Note: Includes bird screen.		
		For Flange Frame, Add	*399.14*	
		For Clear Lacquer Finish, Add	*798.28*	
		For Baked Enamel Standard Colors, Add	*1,197.42*	
		For Anodized Finish, Add	*1,596.56*	
		For Kynar® Standard Colors Finish, Add	*2,195.28*	
08 91 19 00-0193	EA	84" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	4,741.40	244.67
		Note: Includes bird screen.		
		For Flange Frame, Add	*425.21*	
		For Clear Lacquer Finish, Add	*850.41*	
		For Baked Enamel Standard Colors, Add	*1,275.62*	
		For Anodized Finish, Add	*1,700.83*	
		For Kynar® Standard Colors Finish, Add	*2,338.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0194	EA	84" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	5,041.71	251.46
		Note: Includes bird screen.		
		For Flange Frame, Add	*453.88*	
		For Clear Lacquer Finish, Add	*907.76*	
		For Baked Enamel Standard Colors, Add	*1,361.64*	
		For Anodized Finish, Add	*1,815.52*	
		For Kynar® Standard Colors Finish, Add	*2,496.33*	
08 91 19 00-0195	EA	84" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	5,312.55	258.26
		Note: Includes bird screen.		
		For Flange Frame, Add	*479.60*	
		For Clear Lacquer Finish, Add	*959.21*	
		For Baked Enamel Standard Colors, Add	*1,438.81*	
		For Anodized Finish, Add	*1,918.42*	
		For Kynar® Standard Colors Finish, Add	*2,637.82*	
08 91 19 00-0196	EA	84" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	5,714.87	265.05
		Note: Includes bird screen.		
		For Flange Frame, Add	*518.48*	
		For Clear Lacquer Finish, Add	*1,036.95*	
		For Baked Enamel Standard Colors, Add	*1,555.43*	
		For Anodized Finish, Add	*2,073.90*	
		For Kynar® Standard Colors Finish, Add	*2,851.62*	
08 91 19 00-0197	EA	90" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,473.14	125.73
		Note: Includes bird screen.		
		For Flange Frame, Add	*122.17*	
		For Clear Lacquer Finish, Add	*244.34*	
		For Baked Enamel Standard Colors, Add	*366.50*	
		For Anodized Finish, Add	*488.67*	
		For Kynar® Standard Colors Finish, Add	*671.92*	
08 91 19 00-0198	EA	90" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,790.43	146.12
		Note: Includes bird screen.		
		For Flange Frame, Add	*149.82*	
		For Clear Lacquer Finish, Add	*299.64*	
		For Baked Enamel Standard Colors, Add	*449.46*	
		For Anodized Finish, Add	*599.28*	
		For Kynar® Standard Colors Finish, Add	*824.01*	
08 91 19 00-0199	EA	90" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	2,088.46	166.51
		Note: Includes bird screen.		
		For Flange Frame, Add	*175.55*	
		For Clear Lacquer Finish, Add	*351.09*	
		For Baked Enamel Standard Colors, Add	*526.64*	
		For Anodized Finish, Add	*702.18*	
		For Kynar® Standard Colors Finish, Add	*965.50*	
08 91 19 00-0200	EA	90" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	2,395.57	176.70
		Note: Includes bird screen.		
		For Flange Frame, Add	*204.22*	
		For Clear Lacquer Finish, Add	*408.43*	
		For Baked Enamel Standard Colors, Add	*612.65*	
		For Anodized Finish, Add	*816.87*	
		For Kynar® Standard Colors Finish, Add	*1,123.19*	
08 91 19 00-0201	EA	90" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	2,821.68	183.50
		Note: Includes bird screen.		
		For Flange Frame, Add	*245.47*	
		For Clear Lacquer Finish, Add	*490.94*	
		For Baked Enamel Standard Colors, Add	*736.40*	
		For Anodized Finish, Add	*981.87*	
		For Kynar® Standard Colors Finish, Add	*1,350.07*	
08 91 19 00-0202	EA	90" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	3,099.33	190.29
		Note: Includes bird screen.		
		For Flange Frame, Add	*271.87*	
		For Clear Lacquer Finish, Add	*543.75*	
		For Baked Enamel Standard Colors, Add	*815.62*	
		For Anodized Finish, Add	*1,087.50*	
		For Kynar® Standard Colors Finish, Add	*1,495.31*	
08 91 19 00-0203	EA	90" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	3,364.51	197.09
		Note: Includes bird screen.		
		For Flange Frame, Add	*297.03*	
		For Clear Lacquer Finish, Add	*594.07*	
		For Baked Enamel Standard Colors, Add	*891.10*	
		For Anodized Finish, Add	*1,188.13*	
		For Kynar® Standard Colors Finish, Add	*1,633.68*	
08 91 19 00-0204	EA	90" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	3,689.76	203.89
		Note: Includes bird screen.		
		For Flange Frame, Add	*328.20*	
		For Clear Lacquer Finish, Add	*656.40*	
		For Baked Enamel Standard Colors, Add	*984.59*	
		For Anodized Finish, Add	*1,312.79*	
		For Kynar® Standard Colors Finish, Add	*1,805.09*	
08 91 19 00-0205	EA	90" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	3,965.14	214.08
		Note: Includes bird screen.		
		For Flange Frame, Add	*353.70*	
		For Clear Lacquer Finish, Add	*707.39*	
		For Baked Enamel Standard Colors, Add	*1,061.09*	
		For Anodized Finish, Add	*1,414.79*	
		For Kynar® Standard Colors Finish, Add	*1,945.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0206	EA	90" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	4,409.35	231.07
		Note: Includes bird screen.		
		For Flange Frame, Add	*394.72*	
		For Clear Lacquer Finish, Add	*789.44*	
		For Baked Enamel Standard Colors, Add	*1,184.16*	
		For Anodized Finish, Add	*1,578.88*	
		For Kynar® Standard Colors Finish, Add	*2,170.97*	
08 91 19 00-0207	EA	90" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	4,676.80	241.27
		Note: Includes bird screen.		
		For Flange Frame, Add	*419.43*	
		For Clear Lacquer Finish, Add	*838.85*	
		For Baked Enamel Standard Colors, Add	*1,258.28*	
		For Anodized Finish, Add	*1,677.71*	
		For Kynar® Standard Colors Finish, Add	*2,306.85*	
08 91 19 00-0208	EA	90" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	4,982.78	251.46
		Note: Includes bird screen.		
		For Flange Frame, Add	*447.99*	
		For Clear Lacquer Finish, Add	*895.97*	
		For Baked Enamel Standard Colors, Add	*1,343.96*	
		For Anodized Finish, Add	*1,791.94*	
		For Kynar® Standard Colors Finish, Add	*2,463.92*	
08 91 19 00-0209	EA	90" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	5,301.22	258.26
		Note: Includes bird screen.		
		For Flange Frame, Add	*478.47*	
		For Clear Lacquer Finish, Add	*956.94*	
		For Baked Enamel Standard Colors, Add	*1,435.41*	
		For Anodized Finish, Add	*1,913.88*	
		For Kynar® Standard Colors Finish, Add	*2,631.59*	
08 91 19 00-0210	EA	90" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	5,572.06	268.45
		Note: Includes bird screen.		
		For Flange Frame, Add	*503.52*	
		For Clear Lacquer Finish, Add	*1,007.03*	
		For Baked Enamel Standard Colors, Add	*1,510.55*	
		For Anodized Finish, Add	*2,014.06*	
		For Kynar® Standard Colors Finish, Add	*2,769.34*	
08 91 19 00-0211	EA	90" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	5,998.17	275.24
		Note: Includes bird screen.		
		For Flange Frame, Add	*544.77*	
		For Clear Lacquer Finish, Add	*1,089.54*	
		For Baked Enamel Standard Colors, Add	*1,634.30*	
		For Anodized Finish, Add	*2,179.07*	
		For Kynar® Standard Colors Finish, Add	*2,996.22*	
08 91 19 00-0212	EA	96" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,546.78	135.92
		Note: Includes bird screen.		
		For Flange Frame, Add	*127.49*	
		For Clear Lacquer Finish, Add	*254.99*	
		For Baked Enamel Standard Colors, Add	*382.48*	
		For Anodized Finish, Add	*509.98*	
		For Kynar® Standard Colors Finish, Add	*701.22*	
08 91 19 00-0213	EA	96" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,875.41	156.31
		Note: Includes bird screen.		
		For Flange Frame, Add	*156.28*	
		For Clear Lacquer Finish, Add	*312.56*	
		For Baked Enamel Standard Colors, Add	*468.84*	
		For Anodized Finish, Add	*625.12*	
		For Kynar® Standard Colors Finish, Add	*859.53*	
08 91 19 00-0214	EA	96" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	2,188.18	176.70
		Note: Includes bird screen.		
		For Flange Frame, Add	*183.48*	
		For Clear Lacquer Finish, Add	*366.96*	
		For Baked Enamel Standard Colors, Add	*550.43*	
		For Anodized Finish, Add	*733.91*	
		For Kynar® Standard Colors Finish, Add	*1,009.13*	
08 91 19 00-0215	EA	96" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	2,512.29	186.90
		Note: Includes bird screen.		
		For Flange Frame, Add	*213.85*	
		For Clear Lacquer Finish, Add	*427.70*	
		For Baked Enamel Standard Colors, Add	*641.55*	
		For Anodized Finish, Add	*855.40*	
		For Kynar® Standard Colors Finish, Add	*1,176.18*	
08 91 19 00-0216	EA	96" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	2,952.00	193.69
		Note: Includes bird screen.		
		For Flange Frame, Add	*256.46*	
		For Clear Lacquer Finish, Add	*512.92*	
		For Baked Enamel Standard Colors, Add	*769.38*	
		For Anodized Finish, Add	*1,025.84*	
		For Kynar® Standard Colors Finish, Add	*1,410.54*	
08 91 19 00-0217	EA	96" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	3,276.11	200.49
		Note: Includes bird screen.		
		For Flange Frame, Add	*287.51*	
		For Clear Lacquer Finish, Add	*575.03*	
		For Baked Enamel Standard Colors, Add	*862.54*	
		For Anodized Finish, Add	*1,150.05*	
		For Kynar® Standard Colors Finish, Add	*1,581.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0218	EA	96" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,558.29	207.29
		For Flange Frame, Add	*314.37*	
		For Clear Lacquer Finish, Add	*628.74*	
		For Baked Enamel Standard Colors, Add	*943.12*	
		For Anodized Finish, Add	*1,257.49*	
		For Kynar® Standard Colors Finish, Add	*1,729.05*	
08 91 19 00-0219	EA	96" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,867.67	214.08
		For Flange Frame, Add	*343.95*	
		For Clear Lacquer Finish, Add	*687.90*	
		For Baked Enamel Standard Colors, Add	*1,031.85*	
		For Anodized Finish, Add	*1,375.80*	
		For Kynar® Standard Colors Finish, Add	*1,891.73*	
08 91 19 00-0220	EA	96" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	4,154.38	220.88
		For Flange Frame, Add	*371.26*	
		For Clear Lacquer Finish, Add	*742.53*	
		For Baked Enamel Standard Colors, Add	*1,113.79*	
		For Anodized Finish, Add	*1,485.05*	
		For Kynar® Standard Colors Finish, Add	*2,041.95*	
08 91 19 00-0221	EA	96" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	4,631.47	237.87
		For Flange Frame, Add	*415.57*	
		For Clear Lacquer Finish, Add	*831.15*	
		For Baked Enamel Standard Colors, Add	*1,246.72*	
		For Anodized Finish, Add	*1,662.30*	
		For Kynar® Standard Colors Finish, Add	*2,285.66*	
08 91 19 00-0222	EA	96" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,688.57	248.07
		For Flange Frame, Add	*319.25*	
		For Clear Lacquer Finish, Add	*638.49*	
		For Baked Enamel Standard Colors, Add	*957.74*	
		For Anodized Finish, Add	*1,276.98*	
		For Kynar® Standard Colors Finish, Add	*1,755.85*	
08 91 19 00-0223	EA	96" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	5,220.76	258.26
		For Flange Frame, Add	*470.43*	
		For Clear Lacquer Finish, Add	*940.85*	
		For Baked Enamel Standard Colors, Add	*1,411.28*	
		For Anodized Finish, Add	*1,881.70*	
		For Kynar® Standard Colors Finish, Add	*2,587.34*	
08 91 19 00-0224	EA	96" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	5,550.54	265.05
		For Flange Frame, Add	*502.04*	
		For Clear Lacquer Finish, Add	*1,004.09*	
		For Baked Enamel Standard Colors, Add	*1,506.13*	
		For Anodized Finish, Add	*2,008.17*	
		For Kynar® Standard Colors Finish, Add	*2,761.24*	
08 91 19 00-0225	EA	96" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	5,834.97	275.24
		For Flange Frame, Add	*528.45*	
		For Clear Lacquer Finish, Add	*1,056.90*	
		For Baked Enamel Standard Colors, Add	*1,585.34*	
		For Anodized Finish, Add	*2,113.79*	
		For Kynar® Standard Colors Finish, Add	*2,906.46*	
08 91 19 00-0226	EA	96" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	6,293.94	285.44
		For Flange Frame, Add	*572.31*	
		For Clear Lacquer Finish, Add	*1,144.61*	
		For Baked Enamel Standard Colors, Add	*1,716.92*	
		For Anodized Finish, Add	*2,289.22*	
		For Kynar® Standard Colors Finish, Add	*3,147.68*	

08 91 19 00-0227 Gable Louver Vents *(08 91 19)*
Note: 1" deep, residential/light commercial grade louvers.

08 91 19 00-0228 Aluminum Gable Louver Vents *(08 91 19 00-0227)*
Note: Includes screen.

08 91 19 00-0229 Rectangular Aluminum Gable Louver Vents *(08 91 19 00-0228)*
Note: Includes screen.

08 91 19 00-0230	EA	12" x 18" Rectangular Fixed Aluminum Gable Louver Vent	175.77	10.94
08 91 19 00-0231	EA	12" x 24" Rectangular Fixed Aluminum Gable Louver Vent	192.88	12.56
08 91 19 00-0232	EA	18" x 24" Rectangular Fixed Aluminum Gable Louver Vent	222.23	14.19
08 91 19 00-0233	EA	18" x 30" Rectangular Fixed Aluminum Gable Louver Vent	243.24	15.08
08 91 19 00-0234	EA	24" x 30" Rectangular Fixed Aluminum Gable Louver Vent	276.48	15.97
08 91 19 00-0235	EA	24" x 36" Rectangular Fixed Aluminum Gable Louver Vent	310.53	19.15
08 91 19 00-0236	EA	30" x 36" Rectangular Fixed Aluminum Gable Louver Vent	361.61	23.94
08 91 19 00-0237	EA	30" x 42" Rectangular Fixed Aluminum Gable Louver Vent	404.19	27.94
08 91 19 00-0238	EA	36" x 42" Rectangular Fixed Aluminum Gable Louver Vent	463.78	33.52
08 91 19 00-0239	EA	42" x 48" Rectangular Fixed Aluminum Gable Louver Vent	582.97	44.69

08 91 19 00-0240 Square Aluminum Gable Louver Vents *(08 91 19 00-0228)*
Note: Includes screen.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0241	EA	12" x 12" Square Fixed Aluminum Gable Louver Vent	160.95	10.07
08 91 19 00-0242	EA	18" x 18" Square Fixed Aluminum Gable Louver Vent	199.59	12.77
08 91 19 00-0243	EA	24" x 24" Square Fixed Aluminum Gable Louver Vent	249.34	15.07
08 91 19 00-0244	EA	30" x 30" Square Fixed Aluminum Gable Louver Vent	319.05	19.95
08 91 19 00-0245	EA	36" x 36" Square Fixed Aluminum Gable Louver Vent	412.70	28.74
08 91 19 00-0246	EA	42" x 42" Square Fixed Aluminum Gable Louver Vent	523.29	39.09
08 91 19 00-0247	EA	48" x 48" Square Fixed Aluminum Gable Louver Vent	651.09	51.08
08 91 19 00-0248		**Round Aluminum Gable Louver Vents** *(08 91 19 00-0228)*		
		Note: Includes screen.		
08 91 19 00-0249	EA	12" Diameter Round Fixed Aluminum Gable Louver Vent	160.95	10.07
08 91 19 00-0250	EA	18" Diameter Round Fixed Aluminum Gable Louver Vent	199.59	12.77
08 91 19 00-0251	EA	24" Diameter Round Fixed Aluminum Gable Louver Vent	249.34	15.07
08 91 19 00-0252	EA	30" Diameter Round Fixed Aluminum Gable Louver Vent	319.05	19.95
08 91 19 00-0253	EA	36" Diameter Round Fixed Aluminum Gable Louver Vent	412.70	28.74
08 91 19 00-0254	EA	42" Diameter Round Fixed Aluminum Gable Louver Vent	523.38	39.11
08 91 19 00-0255		**Octagonal Aluminum Gable Louver Vents** *(08 91 19 00-0228)*		
		Note: Includes screen.		
08 91 19 00-0256	EA	12" x 12" Octagonal Fixed Aluminum Gable Louver Vent	160.95	10.07
08 91 19 00-0257	EA	12" x 18" Octagonal Fixed Aluminum Gable Louver Vent	175.77	10.94
08 91 19 00-0258	EA	12" x 24" Octagonal Fixed Aluminum Gable Louver Vent	192.88	12.56
08 91 19 00-0259	EA	18" x 18" Octagonal Fixed Aluminum Gable Louver Vent	199.59	12.77
08 91 19 00-0260	EA	18" x 24" Octagonal Fixed Aluminum Gable Louver Vent	222.23	14.19
08 91 19 00-0261	EA	18" x 30" Octagonal Fixed Aluminum Gable Louver Vent	243.24	15.08
08 91 19 00-0262	EA	24" x 24" Octagonal Fixed Aluminum Gable Louver Vent	249.34	15.07
08 91 19 00-0263	EA	24" x 30" Octagonal Fixed Aluminum Gable Louver Vent	276.48	15.97
08 91 19 00-0264	EA	24" x 36" Octagonal Fixed Aluminum Gable Louver Vent	310.53	19.15
08 91 19 00-0265	EA	30" x 30" Octagonal Fixed Aluminum Gable Louver Vent	319.05	19.95
08 91 19 00-0266	EA	30" x 36" Octagonal Fixed Aluminum Gable Louver Vent	361.61	23.94
08 91 19 00-0267	EA	30" x 42" Octagonal Fixed Aluminum Gable Louver Vent	404.19	27.94
08 91 19 00-0268	EA	36" x 36" Octagonal Fixed Aluminum Gable Louver Vent	412.70	28.74
08 91 19 00-0269	EA	36" x 42" Octagonal Fixed Aluminum Gable Louver Vent	463.78	33.52
08 91 19 00-0270	EA	36" x 48" Octagonal Fixed Aluminum Gable Louver Vent	514.86	38.31
08 91 19 00-0271	EA	42" x 42" Octagonal Fixed Aluminum Gable Louver Vent	523.38	39.11
08 91 19 00-0272	EA	42" x 48" Octagonal Fixed Aluminum Gable Louver Vent	582.97	44.69
08 91 19 00-0273	EA	48" x 48" Octagonal Fixed Aluminum Gable Louver Vent	651.09	51.08
08 91 19 00-0274		**Round Top Aluminum Gable Louver Vents** *(08 91 19 00-0228)*		
		Note: Includes screen.		
08 91 19 00-0275	EA	12" x 12" Round Top Fixed Aluminum Gable Louver Vent	160.95	10.07
08 91 19 00-0276	EA	12" x 18" Round Top Fixed Aluminum Gable Louver Vent	175.77	10.94
08 91 19 00-0277	EA	12" x 24" Round Top Fixed Aluminum Gable Louver Vent	192.88	12.56
08 91 19 00-0278	EA	18" x 18" Round Top Fixed Aluminum Gable Louver Vent	199.59	12.77
08 91 19 00-0279	EA	18" x 24" Round Top Fixed Aluminum Gable Louver Vent	222.23	14.19
08 91 19 00-0280	EA	18" x 30" Round Top Fixed Aluminum Gable Louver Vent	243.24	15.08
08 91 19 00-0281	EA	24" x 24" Round Top Fixed Aluminum Gable Louver Vent	249.34	15.07
08 91 19 00-0282	EA	24" x 30" Round Top Fixed Aluminum Gable Louver Vent	276.48	15.97
08 91 19 00-0283	EA	24" x 36" Round Top Fixed Aluminum Gable Louver Vent	310.53	19.15
08 91 19 00-0284	EA	30" x 30" Round Top Fixed Aluminum Gable Louver Vent	319.05	19.95
08 91 19 00-0285	EA	30" x 36" Round Top Fixed Aluminum Gable Louver Vent	361.61	23.94
08 91 19 00-0286	EA	30" x 42" Round Top Fixed Aluminum Gable Louver Vent	404.19	27.94
08 91 19 00-0287	EA	36" x 36" Round Top Fixed Aluminum Gable Louver Vent	412.70	28.74
08 91 19 00-0288	EA	36" x 42" Round Top Fixed Aluminum Gable Louver Vent	463.78	33.52
08 91 19 00-0289	EA	36" x 48" Round Top Fixed Aluminum Gable Louver Vent	514.86	38.31
08 91 19 00-0290	EA	42" x 42" Round Top Fixed Aluminum Gable Louver Vent	523.38	39.11
08 91 19 00-0291	EA	42" x 48" Round Top Fixed Aluminum Gable Louver Vent	582.97	44.69
08 91 19 00-0292	EA	48" x 48" Round Top Fixed Aluminum Gable Louver Vent	651.09	51.08
08 91 19 00-0293		**Triangle Aluminum Gable Louver Vents** *(08 91 19 00-0228)*		
		Note: Includes screen.		
08 91 19 00-0294	EA	36" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent	327.45	12.56
08 91 19 00-0295	EA	36" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent	371.69	15.07
08 91 19 00-0296	EA	48" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent	398.82	15.97
08 91 19 00-0297	EA	48" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent	457.34	19.15
08 91 19 00-0298	EA	48" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent	508.68	19.95
08 91 19 00-0299	EA	60" Base x 24" High Triangle Fixed Aluminum Gable Louver Vent	422.78	23.94
08 91 19 00-0300	EA	60" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent	495.95	27.94
08 91 19 00-0301	EA	60" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent	559.51	28.74
08 91 19 00-0302	EA	60" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent	635.06	33.52
08 91 19 00-0303	EA	72" Base x 24" High Triangle Fixed Aluminum Gable Louver Vent	514.86	38.31
08 91 19 00-0304	EA	72" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent	590.67	39.11
08 91 19 00-0305	EA	72" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent	680.84	44.69
08 91 19 00-0306	EA	72" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent	773.43	51.08
08 91 19 00-0307	EA	72" Base x 48" High Triangle Fixed Aluminum Gable Louver Vent	869.69	58.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0308		Vinyl Gable Louver Vents *(08 91 19 00-0227)*		
		Note: Includes screen.		
08 91 19 00-0309	EA	12" x 12" Square Fixed Vinyl Gable Louver Vent	72.00	10.07
08 91 19 00-0310	EA	12" x 18" Rectangular Fixed Vinyl Gable Louver Vent	87.15	10.94
08 91 19 00-0311	EA	18" x 24" Rectangular Fixed Vinyl Gable Louver Vent	119.00	14.19
08 91 19 00-0312	EA	24" x 30" Rectangular Fixed Vinyl Gable Louver Vent	163.36	15.97
08 91 19 00-0313	EA	18" Diameter Round Fixed Vinyl Gable Louver Vent	115.30	12.77
08 91 19 00-0314	EA	22" Diameter Round Fixed Vinyl Gable Louver Vent	133.22	15.07
08 91 19 00-0315	EA	30" Diameter Round Fixed Vinyl Gable Louver Vent	187.98	19.95
08 91 19 00-0316	EA	36" Diameter Round Fixed Vinyl Gable Louver Vent	274.77	28.74
08 91 19 00-0317	EA	18" x 18" Octagonal Fixed Vinyl Gable Louver Vent	115.30	12.77
08 91 19 00-0318	EA	22" x 22" Octagonal Fixed Vinyl Gable Louver Vent	130.57	14.19
08 91 19 00-0319	EA	27" x 27" Octagonal Fixed Vinyl Gable Louver Vent	168.70	15.97
08 91 19 00-0320	EA	32" x 32" Octagonal Fixed Vinyl Gable Louver Vent	239.43	23.94
08 91 19 00-0321	EA	40" x 40" Octagonal Fixed Vinyl Gable Louver Vent	571.04	38.31
08 91 19 00-0322	EA	14" x 22" Round Top Fixed Vinyl Gable Louver Vent	113.01	12.56
08 91 19 00-0323	EA	22" x 32" Round Top Fixed Vinyl Gable Louver Vent	157.65	15.97
08 91 19 00-0324	EA	34" x 22" Half Round Fixed Vinyl Gable Louver Vent	163.07	19.15
08 91 19 00-0325	EA	52" Base x 26" High Triangle Fixed Vinyl Gable Louver Vent	376.34	23.94
08 91 19 00-0326	EA	56" Base x 23" High Triangle Fixed Vinyl Gable Louver Vent	376.34	23.94
08 91 19 00-0327	EA	56" Base x 26" High Triangle Fixed Vinyl Gable Louver Vent	376.34	23.94
08 91 19 00-0328	EA	62" Base x 23" High Triangle Fixed Vinyl Gable Louver Vent	376.34	23.94
08 91 19 00-0329	EA	62-1/2" Base x 21" High Triangle Fixed Vinyl Gable Louver Vent	376.34	23.94
08 91 19 00-0330	EA	70-1/2" Base x 17" High Triangle Fixed Vinyl Gable Louver Vent	419.48	38.31
08 91 19 00-0331	EA	70-1/2" Base x 20-1/2" High Triangle Fixed Vinyl Gable Louver Vent	419.48	38.31
08 91 19 00-0332	EA	72-1/2" Base x 18" High Triangle Fixed Vinyl Gable Louver Vent	419.48	38.31
08 91 19 00-0333	EA	74" Base x 14-1/2" High Triangle Fixed Vinyl Gable Louver Vent	419.48	38.31

08 95 Vents *(08 90)*

08 95 13 Soffit Vents *(08 95)*

08 95 13 00-0001		Aluminum Soffit Vents *(08 95 13)*		
08 95 13 00-0002	LF	2-1/2" Wide Aluminum Soffit Vent	8.97	3.13
08 95 13 00-0003	LF	3" Wide Aluminum Soffit Vent	15.88	6.12
08 95 13 00-0004	EA	4" x 16" Under Eave Vent, Mill Finish	26.62	8.16
08 95 13 00-0005	EA	8" x 16" Under Eave Vent, Mill Finish	27.70	8.16
08 95 13 00-0006		Vinyl Soffit Vents *(08 95 13)*		
08 95 13 00-0007	LF	Up To 2" Vinyl Soffit Vent, Perforated, White	8.03	3.40
		For Colors, Add	*0.13*	
08 95 13 00-0008	LF	3" To 4" Vinyl Soffit Vent, Perforated, White	8.41	3.40
		For Colors, Add	*0.16*	

08 95 16 Wall Vents *(08 95)*

08 95 16 00-0001		Foundation Vents *(08 95 16)*		
08 95 16 00-0002	SI	Galvanized Steel Foundation Vent	0.51	0.21
08 95 16 00-0003	SI	Aluminum Foundation Vent	1.08	0.21
08 95 16 00-0004	SI	Stainless Steel Foundation Vent	1.17	0.21
08 95 16 00-0005	SI	Plastic Foundation Vent	0.63	0.21

END OF SECTION 08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 Finishes

09 01 Maintenance of Finishes *(09)*

09 01 20 Maintenance of Plaster and Gypsum Board *(09 01)*

09 01 20 91 Plaster Restoration *(09 01 20)*

09 01 20 91-0001 Cut And Patch Hole In Gypsum Board To Match Existing *(09 01 20 91)*
Note: Includes cutting of existing gypsum board, cutting new board to fit opening, taping, gypsum board finishing, and disposal of debris into dumpster. Per location. See CSI section 09 29 00 00-0000 for "Gypsum Board" repairs > 32 SF.

09 01 20 91-0002	SF	Up To 2 SF, Cut And Patch Hole In Gypsum Board To Match Existing Note: Per location.	22.60
09 01 20 91-0003	SF	>2 To 4 SF, Cut And Patch Hole In Gypsum Board To Match Existing Note: Per location.	18.27
09 01 20 91-0004	SF	>4 To 8 SF, Cut And Patch Hole In Gypsum Board To Match Existing Note: Per location.	16.41
09 01 20 91-0005	SF	>8 To 16 SF, Cut And Patch Hole In Gypsum Board To Match Existing Note: Per location.	14.47
09 01 20 91-0006	SF	>16 To 32 SF, Cut And Patch Hole In Gypsum Board To Match Existing Note: Per location. See CSI section 09 29 10 00-0001 for "Gypsum Board" repairs > 32 SF.	12.96

09 01 20 91-0007 Plaster/Stucco Repair *(09 01 20 91)*
Note: Per location.

09 01 20 91-0008 Clean And Repair Crack In Plaster/Stucco *(09 01 20 91-0007)*
Note: Includes plaster weld.

09 01 20 91-0009	LF	Up To 10', Chip, Clean And Repair Crack In Plaster/Stucco	21.96
09 01 20 91-0010	LF	>10' To 50', Chip, Clean And Repair Crack In Plaster/Stucco	17.63
09 01 20 91-0011	LF	>50' To 100', Chip, Clean And Repair Crack In Plaster/Stucco	14.38
09 01 20 91-0012	LF	>100' To 250', Chip, Clean And Repair Crack In Plaster/Stucco	11.13
09 01 20 91-0013	LF	>250' To 500', Chip, Clean And Repair Crack In Plaster/Stucco	8.95
09 01 20 91-0014	LF	>500', Chip, Clean And Repair Crack In Plaster/Stucco	6.78

09 01 20 91-0015 Cut And Patch Hole In Plaster/Stucco To Match Existing *(09 01 20 91-0007)*
Note: Includes plaster weld.

09 01 20 91-0016	SF	Up To 10 SF, Cut And Patch Hole In Plaster To Match Existing	21.03
09 01 20 91-0017	SF	>10 To 50 SF, Cut And Patch Hole In Plaster To Match Existing	18.62
09 01 20 91-0018	SF	>50 To 100 SF, Cut And Patch Hole In Plaster To Match Existing	17.16
09 01 20 91-0019	SF	>100 To 250 SF, Cut And Patch Hole In Plaster To Match Existing	15.94
09 01 20 91-0020	SF	>250 To 500 SF, Cut And Patch Hole In Plaster To Match Existing	14.89
09 01 20 91-0021	SF	>500 SF, Cut And Patch Hole In Plaster To Match Existing	13.71

09 01 20 91-0022 Chip, Clean And Repair Plaster/Stucco *(09 01 20 91-0007)*
Note: Includes plaster weld.

09 01 20 91-0023	SF	Up To 10 SF, Chip, Clean And Repair Plaster/Stucco	39.62
09 01 20 91-0024	SF	>10 To 50 SF, Chip, Clean And Repair Plaster/Stucco	28.77
09 01 20 91-0025	SF	>50 To 250 SF, Chip, Clean And Repair Plaster/Stucco	21.19
09 01 20 91-0026	SF	>250 SF, Chip, Clean And Repair Plaster/Stucco	16.85

09 01 20 91-0027 Patch/Finish Gypsum Board To Match Existing *(09 01 20 91)*
Note: Includes taping, gypsum board finishing. Per location. See CSI section 09 01 20 91-0001 for patching walls requiring gypsum board to be cut and installed.

09 01 20 91-0028	EA	Tape, Spackle And Finish Gypsum Board To Patch/Finish Small Diameter Holes Or Screw Head Pops	1.98
		For ASTM C840 Level 1 Finish, Deduct	*-0.95*
		For ASTM C840 Level 2 Finish, Deduct	*-0.48*
		For ASTM C840 Level 3 Finish, Deduct	*-0.19*
		For ASTM C840 Level 5 High Quality Finish, Add	*1.47*

09 01 30 Maintenance of Tiling *(09 01)*

09 01 30 91 Tile Restoration *(09 01 30)*

09 01 30 91-0001	SF	Regrout Floor Tile Including Removal Of Loose Grout	8.37
09 01 30 91-0002	SF	Regrout Wall Tile Including Removal Of Loose Grout	10.45
09 01 30 91-0003	SF	Up To 1 SF, Cut And Patch Hole In Wall Tile To Match Existing Note: Per location.	53.60

09 01 50 Maintenance of Ceilings *(09 01)*

09 01 50 91 Ceiling Restoration *(09 01 50)*

09 01 50 91-0001 Repair Ceiling Suspension System *(09 01 50 91)*
See CSI section 09 53 23 00-0009 for ceiling suspension system accessories for replacement.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 01 60 Maintenance of Flooring *(09 01)*

09 01 60 91 Flooring Restoration *(09 01 60)*

09 01 60 91-0001 Grinding, Polishing And Sealing Terrazzo *(09 01 60 91)*

09 01 60 91-0002	CSF	Grinding, Polishing And Sealing Existing Terrazzo	341.91	
09 01 60 91-0003	SF	Removal Of Setting Bed And Clean Area For Terrazzo Repair	5.19	
09 01 60 91-0004	SF	Repair Existing Terrazzo	24.07	
09 01 60 91-0005	LF	Repair Cracks In Existing Terrazzo	5.38	

09 01 60 91-0006 Prepare Existing Concrete Floor Prior To Installation Of Flooring *(09 01 60 91)*

09 01 60 91-0007	SY	Grinding Of Existing Concrete Floor Prior To Installation Of Flooring Note: Up to 1/8" of material per pass	10.68	
09 01 60 91-0008	LF	Up To 6" Wide, Hand Detail Work/Grinding At Wall Of Existing Concrete Floor Prior To Installation Of Flooring Note: Up to 1/4" of material per pass	20.19	
09 01 60 91-0009	SY	Chemical Prepare Existing Concrete Floor Prior To Installation Of Flooring	9.29	

09 01 60 91-0010 Floor Sealants *(09 01 60 91)*

09 01 60 91-0011	SF	Water-Based Emulsion, Masonry/Tile/Stone/Terrazzo Floor Sealant/Finish, Per Coat Note: For terrazzo, concrete, quarry tile, brick and unglazed ceramic tile.	1.40	
09 01 60 91-0012	SF	Water-Based, Clear Acrylic, Concrete Floor Sealant/Finish, Per Coat Note: For interior/exterior concrete surfaces.	1.53	
09 01 60 91-0013	SF	Fluorochemical Acrylate Copolymer Masonry/Tile/Stone/Terrazzo Floor Sealant	1.71	
09 01 60 91-0014	GAL	Masonry/Tile/Stone/Terrazzo Floor Sealant (Extra To Be Provided To Owner)	37.89	

09 01 60 91-0015 Standard Flooring Maintenance *(09 01 60 91)*

09 01 60 91-0016	CSF	Steam Clean Carpet	53.20	
		For Up To 1, Add	*25.30*	
		For >1 To 5, Add	*10.12*	
09 01 60 91-0017	CSF	Wax And Polish Tile And VCT Flooring	58.42	
		For Up To 1, Add	*26.60*	
		For >1 To 5, Add	*10.64*	
		For Additional Coat, Add	*48.82*	
		For Stripping Existing Wax From Floor, Add	*55.53*	
09 01 60 91-0018	CSF	Wax And Polish Wood Flooring	35.33	
		For Up To 1, Add	*14.16*	
		For >1 To 5, Add	*5.67*	
		For Additional Coat, Add	*31.07*	
		For Stripping Existing Wax From Floor, Add	*55.53*	
09 01 60 91-0019	MSF	Vacuum Floors	29.68	

09 01 80 Maintenance of Acoustic Treatment *(09 01)*

09 01 80 00-0001 Removal Of Acoustical Ceiling Treatment *(09 01 80)*

09 01 80 00-0002	SF	Removal Of Acoustical And Popcorn Ceilings Treatment	2.57	

09 01 90 Maintenance of Painting and Coating *(09 01)*

09 01 90 52 Maintenance Repainting *(09 01 90)*

09 01 90 52-0001 Cleaning And Preparation Of Painted And Unpainted Surfaces *(09 01 90 52)*

Note: In excess of surface preparation required. Water blast and pressure washing includes mild detergent and rinsing of surface until detergent free. Media blast and water blast includes canvas/plastic for protection of existing surfaces as well as for containment and collection.

09 01 90 52-0002 Concrete, Stone And Masonry Surfaces, Surface Preparation *(09 01 90 52-0001)*

09 01 90 52-0003	SF	Trisodium Phosphate (TSP), Clean Concrete, Stone Or Masonry Surfaces, Surface Preparation	0.50	
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.07*	
		For >30,000, Deduct	*-0.10*	
09 01 90 52-0004	SF	Calcimine Removal/Washing, Concrete, Stone And Masonry Surfaces, Surface Preparation	0.51	
		For Up To 100, Add	*0.89*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.11*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.07*	
		For >30,000, Deduct	*-0.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0005	SF	Chemical Clean, Brush And Wash, Concrete, Stone And Masonry Surfaces, Surface Preparation	0.82	
		For Up To 100, Add	*1.37*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.18*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.07*	
		For >15,000 To 30,000, Deduct	*-0.12*	
		For >30,000, Deduct	*-0.16*	
09 01 90 52-0006	SF	Hand Scrape, Concrete And Masonry Surfaces, Surface Preparation	1.27	
		For Up To 100, Add	*2.54*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.32*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 15,000, Deduct	*-0.13*	
		For >15,000 To 30,000, Deduct	*-0.19*	
		For >30,000, Deduct	*-0.25*	
09 01 90 52-0007	SF	Steam Clean, Concrete, Stone And Masonry Surfaces, Surface Preparation	0.96	
		For Up To 100, Add	*1.68*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.22*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.09*	
		For >15,000 To 30,000, Deduct	*-0.14*	
		For >30,000, Deduct	*-0.18*	
09 01 90 52-0008	SF	2,000 To 5,000 PSI Pressure Wash, Concrete, Stone And Masonry Surfaces, Surface Preparation	0.62	
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.13*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.09*	
		For >30,000, Deduct	*-0.12*	
09 01 90 52-0009	SF	10,000 To 12,000 PSI Water Blast, Concrete, Stone And Masonry Surfaces, Surface Preparation	1.74	
		For Up To 100, Add	*3.17*	
		For >100 To 250, Add	*0.82*	
		For >250 To 500, Add	*0.40*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 15,000, Deduct	*-0.17*	
		For >15,000 To 30,000, Deduct	*-0.25*	
		For >30,000, Deduct	*-0.34*	
09 01 90 52-0010	SF	30,000 To 40,000 PSI Water Blast, Concrete, Stone And Masonry Surfaces, Surface Preparation	2.88	
		For Up To 100, Add	*5.45*	
		For >100 To 250, Add	*1.39*	
		For >250 To 500, Add	*0.69*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 15,000, Deduct	*-0.28*	
		For >15,000 To 30,000, Deduct	*-0.43*	
		For >30,000, Deduct	*-0.57*	
09 01 90 52-0011	SF	Abrasive Glass Media Blasting, Concrete And Masonry Surfaces, Surface Preparation Note: 3 Lb. of sand or glass abrasive media material per SF	4.26	
		For 4.5 Lb. Of Abrasive Media Material per SF, Where Multiple Pass Is Required, Add	*2.48*	
		For 6 Lb. Of Abrasive Media Material per SF, Where Multiple Pass Is Required, Add	*5.14*	
		For 9 Lb. Of Abrasive Media Material per SF, Where Multiple Pass Is Required, Add	*8.52*	
		For Up To 100, Add	*7.38*	
		For >100 To 250, Add	*1.94*	
		For >250 To 500, Add	*0.95*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 15,000, Deduct	*-0.40*	
		For >15,000 To 30,000, Deduct	*-0.62*	
		For >30,000, Deduct	*-0.81*	

09 01 90 52-0012 Drywall Surfaces, Surface Preparation *(09 01 90 52-0001)*

See CSI section 09 01 20 91-0027 for Patch holes other than nail/screw holes and greater than 1/2" diameter.

09 01 90 52-0013	SF	Hand Wash Drywall Surfaces With Mild Detergent Or Degreaser (No Sanding, Repairing Or Scraping), Surface Preparation	0.38	
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.10*	
09 01 90 52-0014	SF	Hand Wash, Minor Repair And Light Sanding Drywall Surfaces, Surface Preparation	0.65	
		For Up To 100, Add	*1.30*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.16*	
09 01 90 52-0015	SF	Hand Scrape, Repair And Sand Severely Damaged Drywall Surfaces, Surface Preparation	1.22	
		For Up To 100, Add	*2.32*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.29*	

09 01 90 52-0016 Metal Surfaces, Surface Preparation *(09 01 90 52-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0017	SF	Trisodium Phosphate (TSP), Clean Metal Surfaces, Surface Preparation	0.48	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.07*	
		For >30,000, Deduct	*-0.10*	
09 01 90 52-0018	SF	Chemical Clean, Brush And Wash, Metal Surfaces, Surface Preparation	0.82	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.07*	
		For >15,000 To 30,000, Deduct	*-0.12*	
		For >30,000, Deduct	*-0.16*	
09 01 90 52-0019	SF	Hand Scraping And Sanding, Metal Surfaces, Surface Preparation	1.03	
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.15*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 15,000, Deduct	*-0.10*	
		For >15,000 To 30,000, Deduct	*-0.15*	
		For >30,000, Deduct	*-0.21*	
09 01 90 52-0020	SF	2,000 To 5,000 PSI Pressure Wash, Metal Surfaces, Surface Preparation	0.59	
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.09*	
		For >30,000, Deduct	*-0.11*	
09 01 90 52-0021	SF	Power Tool Cleaning, Metal Surfaces, Surface Preparation	1.53	
		For Up To 100, Add	*1.15*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.23*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 15,000, Deduct	*-0.15*	
		For >15,000 To 30,000, Deduct	*-0.23*	
		For >30,000, Deduct	*-0.31*	
09 01 90 52-0022	SF	Steam Cleaning, Metal Surfaces, Surface Preparation	0.60	
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.09*	
		For >30,000, Deduct	*-0.11*	
09 01 90 52-0023	SF	Loose Mill Scale With Fine Powder, Commercial Blast, Metal Surfaces, Surface Preparation	1.32	
		For Up To 100, Add	*0.83*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 15,000, Deduct	*-0.12*	
		For >15,000 To 30,000, Deduct	*-0.19*	
		For >30,000, Deduct	*-0.25*	
09 01 90 52-0024	SF	Tight Mill Scale With Fine Powder Rust, Commercial Blast, Metal Surfaces, Surface Preparation	1.79	
		For Up To 100, Add	*1.10*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 15,000, Deduct	*-0.17*	
		For >15,000 To 30,000, Deduct	*-0.26*	
		For >30,000, Deduct	*-0.34*	
09 01 90 52-0025	SF	Exterior Coating Blistered Pitted, Rust, Commercial Blast, Metal Surfaces, Surface Preparation	2.63	
		For Up To 100, Add	*1.64*	
		For >100 To 250, Add	*0.77*	
		For >250 To 500, Add	*0.33*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 15,000, Deduct	*-0.25*	
		For >15,000 To 30,000, Deduct	*-0.38*	
		For >30,000, Deduct	*-0.50*	
09 01 90 52-0026	SF	Badly Pitted With Rust Nodules, Commercial Blast, Metal Surfaces, Surface Preparation	4.38	
		For Up To 100, Add	*2.73*	
		For >100 To 250, Add	*1.27*	
		For >250 To 500, Add	*0.55*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 15,000, Deduct	*-0.41*	
		For >15,000 To 30,000, Deduct	*-0.63*	
		For >30,000, Deduct	*-0.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0027	SF	Loose Mill Scale With Fine Powder Rust, Near White Blast, Metal Surfaces, Surface Preparation	3.33	
		For Up To 100, Add	*2.05*	
		For >100 To 250, Add	*0.96*	
		For >250 To 500, Add	*0.41*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 15,000, Deduct	*-0.31*	
		For >15,000 To 30,000, Deduct	*-0.48*	
		For >30,000, Deduct	*-0.64*	
09 01 90 52-0028	SF	Tight Mill Scale Little Rust, Near White Blast, Metal Surfaces, Surface Preparation	4.14	
		For Up To 100, Add	*2.53*	
		For >100 To 250, Add	*1.18*	
		For >250 To 500, Add	*0.51*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 15,000, Deduct	*-0.38*	
		For >15,000 To 30,000, Deduct	*-0.60*	
		For >30,000, Deduct	*-0.79*	
09 01 90 52-0029	SF	Exterior Coat Blistered Pitted Rust, Near White Blast, Metal Surfaces, Surface Preparation	5.35	
		For Up To 100, Add	*3.28*	
		For >100 To 250, Add	*1.53*	
		For >250 To 500, Add	*0.66*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 15,000, Deduct	*-0.50*	
		For >15,000 To 30,000, Deduct	*-0.77*	
		For >30,000, Deduct	*-1.02*	
09 01 90 52-0030	SF	Badly Pitted Rust Nodules, Near White Blast, Metal Surfaces, Surface Preparation	6.70	
		For Up To 100, Add	*4.10*	
		For >100 To 250, Add	*1.91*	
		For >250 To 500, Add	*0.82*	
		For >5,000 To 10,000, Deduct	*-0.31*	
		For >10,000 To 15,000, Deduct	*-0.62*	
		For >15,000 To 30,000, Deduct	*-0.97*	
		For >30,000, Deduct	*-1.28*	

09 01 90 52-0031 Tile Surfaces, Surface Preparation *(09 01 90 52-0001)*

09 01 90 52-0032	SF	Trisodium Phosphate (TSP), Clean Tile Surfaces, Surface Preparation	0.44	
		For Up To 100, Add	*0.32*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.06*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.04*	
		For >15,000 To 30,000, Deduct	*-0.07*	
		For >30,000, Deduct	*-0.09*	
09 01 90 52-0033	CSF	Chemical Alkaline Cleaner, Brush And Wash Tile Surfaces, Surface Preparation	43.17	
		For Up To 100, Add	*32.09*	
		For >100 To 250, Add	*14.98*	
		For >250 To 500, Add	*6.42*	
		For >5,000 To 10,000, Deduct	*-2.15*	
		For >10,000 To 15,000, Deduct	*-4.30*	
		For >15,000 To 30,000, Deduct	*-6.46*	
		For >30,000, Deduct	*-8.62*	
09 01 90 52-0034	SF	2,000 To 5,000 PSI, Pressure Wash Tile Surfaces, Surface Preparation	0.43	
		For Up To 100, Add	*0.27*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.05*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.04*	
		For >15,000 To 30,000, Deduct	*-0.06*	
		For >30,000, Deduct	*-0.08*	

09 01 90 52-0035 Wood Surfaces, Surface Preparation *(09 01 90 52-0001)*

09 01 90 52-0036	SF	Prepare New Wood Floor For Finish, Multi Grit Sanding/Screening	1.54	
		For Up To 100, Add	*1.08*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 15,000, Deduct	*-0.15*	
		For >15,000 To 30,000, Deduct	*-0.23*	
		For >30,000, Deduct	*-0.30*	
09 01 90 52-0037	SF	Trisodium Phosphate (TSP), Clean Wood Surfaces, Surface Preparation	0.46	
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.07*	
		For >30,000, Deduct	*-0.09*	
09 01 90 52-0038	SF	Chemical Clean, Brush And Wash Wood Surfaces, Surface Preparation	0.68	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.10*	
		For >30,000, Deduct	*-0.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0039	SF	Hand Scrape Wood Surfaces, Surface Preparation	1.04	
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 15,000, Deduct	*-0.10*	
		For >15,000 To 30,000, Deduct	*-0.16*	
		For >30,000, Deduct	*-0.21*	
09 01 90 52-0040	SF	Steam Clean Wood Surfaces, Surface Preparation	0.94	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.09*	
		For >15,000 To 30,000, Deduct	*-0.14*	
		For >30,000, Deduct	*-0.18*	
09 01 90 52-0041	SF	2,000 To 5,000 PSI, Pressure Wash Wood Surfaces, Surface Preparation	0.64	
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.09*	
		For >30,000, Deduct	*-0.12*	
09 01 90 52-0042	SF	Sanding Wood Paneling, Boards, Doors Or Other Wood Surfaces, Surface Preparation	0.91	
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.12*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.09*	
		For >15,000 To 30,000, Deduct	*-0.13*	
		For >30,000, Deduct	*-0.18*	
09 01 90 52-0043	SF	Sanding Wood Trim Surfaces, Surface Preparation	1.22	
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 15,000, Deduct	*-0.12*	
		For >15,000 To 30,000, Deduct	*-0.18*	
		For >30,000, Deduct	*-0.24*	
09 01 90 52-0044	SF	Prime Wood Surfaces With Linseed Oil, 1 Coat, Surface Preparation	0.82	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.08*	
		For >15,000 To 30,000, Deduct	*-0.12*	
		For >30,000, Deduct	*-0.16*	
09 01 90 52-0045	SF	Paint Wood Surfaces With Linseed Oil, 1 Coat, Surface Preparation	0.94	
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.09*	
		For >15,000 To 30,000, Deduct	*-0.14*	
		For >30,000, Deduct	*-0.18*	

09 01 90 52-0046 Vinyl Siding Surfaces, Surface Preparation *(09 01 90 52-0001)*

09 01 90 52-0047	SF	Trisodium Phosphate (TSP), Clean, Vinyl Siding Surfaces, Surface Preparation	0.44	
		For Up To 100, Add	*0.32*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.06*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.04*	
		For >15,000 To 30,000, Deduct	*-0.07*	
		For >30,000, Deduct	*-0.09*	
09 01 90 52-0048	SF	Hand Wash, Vinyl Siding Surfaces, Surface Preparation	0.69	
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.07*	
		For >15,000 To 30,000, Deduct	*-0.10*	
		For >30,000, Deduct	*-0.14*	
09 01 90 52-0049	SF	2,000 To 5,000 PSI Pressure Wash, Vinyl Siding Surfaces, Surface Preparation	0.54	
		For Up To 100, Add	*0.31*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.08*	
		For >30,000, Deduct	*-0.10*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0050	SF	Steam Clean, Vinyl Siding Surfaces, Surface Preparation	0.99	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 15,000, Deduct	*-0.09*	
		For >15,000 To 30,000, Deduct	*-0.14*	
		For >30,000, Deduct	*-0.19*	
09 01 90 52-0051		Plaster/Stucco Surfaces, Surface Preparation *(09 01 90 52-0001)*		
		Note: Based on total project quantity.		
09 01 90 52-0052	SF	Trisodium Phosphate (TSP), Clean Plaster/Stucco Surfaces, Surface Preparation	0.50	
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.07*	
		For >30,000, Deduct	*-0.10*	
09 01 90 52-0053	SF	2,000 To 5,000 PSI Pressure Wash Plaster/Stucco Surfaces, Surface Preparation	0.69	
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.10*	
		For >30,000, Deduct	*-0.13*	
09 01 90 52-0054		Prep Work *(09 01 90 52-0001)*		
09 01 90 52-0055	SF	Citrus Strip, Single Applications	1.23	
		Note: For removal of up to 40 mils each application (average 5 layers at 8 mils per layer) dried latex and oil-based paint, varnish, lacquer, polyurethane and shellac from wood, metal, and masonry surfaces. Multiple applications may be necessary, refer to manufacturer recommendations		
09 01 90 61		**Repainting** *(09 01 90)*		
09 01 90 61-0001		Touchup and "Spot" Painting Of Surfaces *(09 01 90 61)*		
		Note: For use on individual areas less than 10 SF.		
09 01 90 61-0002	SF	"Spot" Paint Drywall, Plaster, Wood And Concrete Surfaces, Per Coat	1.53	
09 01 90 91		**Paint Restoration** *(09 01 90)*		
09 01 90 91-0001		Paint Removal, Strip To Bare Wood *(09 01 90 91)*		
09 01 90 91-0002	SF	Flat Surfaces, Paint Removal, Strip To Bare Wood	7.86	
09 01 90 91-0003	SF	Cornices And Decorative Trim To 12" Wide, Paint Removal, Strip To Bare Wood	8.37	

09 05 Common Work Results for Finishes *(09)*

09 05 61 Common Work Results for Flooring Preparation *(09 05)*

09 05 61 13 Moisture Vapor Emission Control *(09 05 61)*

09 05 61 13-0001		Moisture Vapor Reduction System (Koster VAP) *(09 05 61 13)*		
09 05 61 13-0002	SF	Up To 200 SF, Water Vapor Emission Control System (Koster VAP 1-2000)	16.19	
		Note: Clear		
09 05 61 13-0003	SF	>200 To 500 SF, Water Vapor Emission Control System (Koster VAP 1-2000)	12.85	
		Note: Clear		
09 05 61 13-0004	SF	>500 To 1,000 SF, Water Vapor Emission Control System (Koster VAP 1-2000)	8.57	
		Note: Clear		
09 05 61 13-0005	SF	>1,000 To 3,000 SF, Water Vapor Emission Control System (Koster VAP 1-2000)	7.14	
		Note: Clear		
09 05 61 13-0006	SF	>3,000 SF, Water Vapor Emission Control System (Koster VAP 1-2000)	5.71	
		Note: Clear		
09 05 61 13-0007		Moisture Vapor Transmission Control (Dependable Cutdown® II) *(09 05 61 13)*		
09 05 61 13-0008	SF	8# Two Coats, Moisture Vapor Transmission Control (Dependable Cutdown® II)	3.55	
09 05 61 13-0009	SF	15# Two Coats, Moisture Vapor Transmission Control (Dependable Cutdown® II)	4.71	

09 05 71 Acoustic Underlayment *(09 05)*

09 05 71 00-0001		Tile And Stone Acoustical Underlayment *(09 05 71)*		
09 05 71 00-0002	SF	5 Mil Tile And Stone Acoustical Underlayment (EasyMat)	4.77	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*0.56*	
09 05 71 00-0003		Resilient Floor Acoustical Underlayment *(09 05 71)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 05 71 00-0004	SF	Vinyl, Linoleum, LVT And Vinyl Strip Flooring Acoustical Underlayment (Impacta, Soundseal VC300)	3.14	
09 05 71 00-0005	SF	2 MM Thick Resilient Plank Floor Acoustical Underlayment (Floormuffler)	1.56	
09 05 71 00-0006	SF	0.055" Thick High-Density Polyurethane Foam Floor Acoustical Underlayment (Silencer LVT)	1.48	

09 20 Plaster and Gypsum Board *(09)*

09 22 Supports for Plaster and Gypsum Board *(09 20)*

Note: Per SF of wall area measures one side. Do not deduct for opens of less than 25 SF when calculating total wall square footage.

09 22 13 Metal Furring *(09 22)*

09 22 13 13 Metal Channel Furring *(09 22 13)*

09 22 13 13-0001 Hat Furring Channel *(09 22 13 13)*

Note: Includes clips where required.

09 22 13 13-0002 Installed On Walls, Hat Furring Channel *(09 22 13 13-0001)*

09 22 13 13-0003	SF	7/8", 25 Gauge, 16" On Center, Installed On Walls, Hat Furring Channel	4.76	1.73
		For Walls >10' High, Add	*0.52*	
		For 24" On Center, Deduct	*-0.61*	
		For 12" On Center, Add	*0.78*	
		For 22 Gauge, Add	*0.65*	
		For 20 Gauge, Add	*1.38*	
09 22 13 13-0004	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Walls, Hat Furring Channel	5.28	1.73
		For Walls >10' High, Add	*0.52*	
		For 24" On Center, Deduct	*-0.71*	
		For 12" On Center, Add	*0.88*	
		For 22 Gauge, Add	*0.91*	
		For 20 Gauge, Add	*1.72*	

09 22 13 13-0005 Installed On Columns And Beams, Hat Furring Channel *(09 22 13 13-0001)*

09 22 13 13-0006	SF	7/8", 25 Gauge, 16" On Center, Installed On Columns And Beams, Hat Furring Channel	6.62	2.66
		For Columns And Beams >10' High, Add	*1.06*	
		For 24" On Center, Deduct	*-0.79*	
		For 12" On Center, Add	*1.06*	
		For 22 Gauge, Add	*0.65*	
		For 20 Gauge, Add	*1.66*	
09 22 13 13-0007	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Columns And Beams, Hat Furring Channel	7.14	2.66
		For Columns And Beams >10' High, Add	*1.06*	
		For 24" On Center, Deduct	*-0.90*	
		For 12" On Center, Add	*1.16*	
		For 22 Gauge, Add	*0.91*	
		For 20 Gauge, Add	*2.00*	

09 22 13 13-0008 Installed On Ceilings, Hat Furring Channel *(09 22 13 13-0001)*

09 22 13 13-0009	SF	7/8", 25 Gauge, 16" On Center, Installed On Ceilings, Hat Furring Channel	6.42	2.13
		For Ceilings >10' High, Add	*0.64*	
		For 24" On Center, Deduct	*-0.86*	
		For 12" On Center, Add	*1.07*	
		For 22 Gauge, Add	*1.08*	
		For 20 Gauge, Add	*2.06*	
09 22 13 13-0010	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Ceilings, Hat Furring Channel	6.94	2.13
		For Ceilings >10' High, Add	*0.64*	
		For 24" On Center, Deduct	*-0.96*	
		For 12" On Center, Add	*1.18*	
		For 22 Gauge, Add	*1.34*	
		For 20 Gauge, Add	*2.41*	

09 22 13 13-0011 Z Furring Channel *(09 22 13 13)*

09 22 13 13-0012 Installed On Walls, Z Furring Channel *(09 22 13 13-0011)*

09 22 13 13-0013	SF	1", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	3.79	1.73
		For Walls >10' High, Add	*0.52*	
		For 24" On Center, Deduct	*-0.41*	
		For 12" On Center, Add	*0.59*	
		For 22 Gauge, Add	*0.17*	
		For 20 Gauge, Add	*0.74*	
09 22 13 13-0014	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	3.86	1.73
		For Walls >10' High, Add	*0.52*	
		For 24" On Center, Deduct	*-0.43*	
		For 12" On Center, Add	*0.60*	
		For 22 Gauge, Add	*0.20*	
		For 20 Gauge, Add	*0.78*	
09 22 13 13-0015	SF	2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	3.92	1.73
		For Walls >10' High, Add	*0.52*	
		For 24" On Center, Deduct	*-0.44*	
		For 12" On Center, Add	*0.61*	
		For 22 Gauge, Add	*0.23*	
		For 20 Gauge, Add	*0.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 13 13-0016	SF	2-1/2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	3.97	1.73
		For Walls >10' High, Add	*0.52*	
		For 24" On Center, Deduct	*-0.45*	
		For 12" On Center, Add	*0.62*	
		For 22 Gauge, Add	*0.26*	
		For 20 Gauge, Add	*0.86*	
09 22 13 13-0017	SF	3", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	4.01	1.73
		For Walls >10' High, Add	*0.52*	
		For 24" On Center, Deduct	*-0.46*	
		For 12" On Center, Add	*0.63*	
		For 22 Gauge, Add	*0.28*	
		For 20 Gauge, Add	*0.88*	

09 22 13 23 Resilient Channel Furring *(09 22 13)*

09 22 13 23-0001 Single-Leg Resilient Channel, RC1 Furring Channel *(09 22 13 23)*

Note: Includes clips where required.

09 22 13 23-0002 Installed On Walls, Single-Leg Resilient Channel, RC1 Furring Channel *(09 22 13 23-0001)*

09 22 13 23-0003	SF	25 Gauge, 16" On Center, Installed On Walls, Single-Leg Resilient Channel, RC1 Furring Channel	4.17	1.73
		For Walls >10' High, Add	*0.52*	
		For 24" On Center, Deduct	*-0.49*	
		For 12" On Center, Add	*0.66*	
		For 20 Gauge, Add	*0.99*	

09 22 13 23-0004 Installed On Ceilings, Single-Leg Resilient Channel, RC1 Furring Channel *(09 22 13 23-0001)*

09 22 13 23-0005	SF	25 Gauge, 16" On Center, Installed On Ceilings, Single-Leg Resilient Channel, RC1 Furring Channel	4.97	2.13
		For Ceilings >10' High, Add	*0.64*	
		For 24" On Center, Deduct	*-0.57*	
		For 12" On Center, Add	*0.78*	
		For 20 Gauge, Add	*1.11*	

09 22 13 23-0006 Double-Leg Resilient Channel, RC2 Furring Channel *(09 22 13 23)*

Note: Includes clips where required.

09 22 13 23-0007 Installed On Walls, Double-Leg Resilient Channel, RC2 Furring Channel *(09 22 13 23-0006)*

09 22 13 23-0008	SF	25 Gauge, 16" On Center, Installed On Walls, Double-Leg Resilient Channel, RC2 Furring Channel	4.43	1.73
		For Walls >10' High, Add	*0.52*	
		For 24" On Center, Deduct	*-0.54*	
		For 12" On Center, Add	*0.71*	
		For 20 Gauge, Add	*1.16*	

09 22 13 23-0009 Installed On Ceilings, Double-Leg Resilient Channel, RC2 Furring Channel *(09 22 13 23-0006)*

09 22 13 23-0010	SF	25 Gauge, 16" On Center, Installed On Ceilings, Double-Leg Resilient Channel, RC2 Furring Channel	5.23	2.13
		For Ceilings >10' High, Add	*0.64*	
		For 24" On Center, Deduct	*-0.62*	
		For 12" On Center, Add	*0.83*	
		For 20 Gauge, Add	*1.28*	

09 22 16 Non-Structural Metal Framing *(09 22)*

Note: Includes studs, bridging, fasteners, and metal stiffener at half height. Do not deduct for openings of less than 25 SF.

09 22 16 13 Non-Structural Metal Stud Framing *(09 22 16)*

09 22 16 13-0001 25 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners Assemblies *(09 22 16 13)*

09 22 16 13-0002	SF	1-5/8" Width, 16" On Center, 25 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners Assembly	3.21	0.72
		For Powder-Actuated Fasteners Every 2', Add	*0.05*	
		For Walls >10' High, Add	*0.64*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.76*	
		For Soffit, Columns Or Beams >10' High, Add	*2.30*	
		For Horizontal Installation Up To 10' High, Add	*0.59*	
		For Horizontal Installation >10' High, Add	*0.77*	
		For Curved Wall, Add	*0.54*	
		For 12" On Center, Add	*0.55*	
		For 24" On Center, Deduct	*-0.55*	
		For Up To 100, Add	*1.00*	
		For >100 To 300, Add	*0.50*	
		For >1,000, Deduct	*-0.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0003	SF	2-1/2" Width, 16" On Center, 25 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners Assembly	3.46	0.75
		For Powder-Actuated Fasteners Every 2', Add	*0.05*	
		For Walls >10' High, Add	*0.69*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.85*	
		For Soffit, Columns Or Beams >10' High, Add	*2.41*	
		For Horizontal Installation Up To 10' High, Add	*0.63*	
		For Horizontal Installation >10' High, Add	*0.82*	
		For Curved Wall, Add	*0.56*	
		For 12" On Center, Add	*0.60*	
		For 24" On Center, Deduct	*-0.60*	
		For Up To 100, Add	*1.07*	
		For >100 To 300, Add	*0.53*	
		For >1,000, Deduct	*-0.33*	
09 22 16 13-0004	SF	3-5/8" Width, 16" On Center, 25 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners Assembly	3.80	0.78
		For Powder-Actuated Fasteners Every 2', Add	*0.05*	
		For Walls >10' High, Add	*0.76*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.96*	
		For Soffit, Columns Or Beams >10' High, Add	*2.56*	
		For Horizontal Installation Up To 10' High, Add	*0.68*	
		For Horizontal Installation >10' High, Add	*0.88*	
		For Curved Wall, Add	*0.59*	
		For 12" On Center, Add	*0.66*	
		For 24" On Center, Deduct	*-0.66*	
		For Up To 100, Add	*1.16*	
		For >100 To 300, Add	*0.58*	
		For >1,000, Deduct	*-0.37*	
09 22 16 13-0005	SF	4" Width, 16" On Center, 25 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners Assembly	4.08	0.83
		For Powder-Actuated Fasteners Every 2', Add	*0.05*	
		For Walls >10' High, Add	*0.82*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.06*	
		For Soffit, Columns Or Beams >10' High, Add	*2.69*	
		For Horizontal Installation Up To 10' High, Add	*0.72*	
		For Horizontal Installation >10' High, Add	*0.93*	
		For Curved Wall, Add	*0.62*	
		For 12" On Center, Add	*0.71*	
		For 24" On Center, Deduct	*-0.71*	
		For Up To 100, Add	*1.23*	
		For >100 To 300, Add	*0.62*	
		For >1,000, Deduct	*-0.41*	
09 22 16 13-0006	SF	6" Width, 16" On Center, 25 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners Assembly	4.65	0.87
		For Powder-Actuated Fasteners Every 2', Add	*0.05*	
		For Walls >10' High, Add	*0.93*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.21*	
		For Soffit, Columns Or Beams >10' High, Add	*2.86*	
		For Horizontal Installation Up To 10' High, Add	*0.79*	
		For Horizontal Installation >10' High, Add	*1.01*	
		For Curved Wall, Add	*0.65*	
		For 12" On Center, Add	*0.82*	
		For 24" On Center, Deduct	*-0.82*	
		For Up To 100, Add	*1.37*	
		For >100 To 300, Add	*0.68*	
		For >1,000, Deduct	*-0.48*	

09 22 16 13-0007 20 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners Assemblies *(09 22 16 13)*

09 22 16 13-0008	SF	1-5/8" Width, 16" On Center, 20 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners Assembly	3.73	0.73
		For Powder-Actuated Fasteners Every 2', Add	*0.05*	
		For Walls >10' High, Add	*0.75*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.85*	
		For Soffit, Columns Or Beams >10' High, Add	*2.40*	
		For Horizontal Installation Up To 10' High, Add	*0.65*	
		For Horizontal Installation >10' High, Add	*0.83*	
		For Curved Wall, Add	*0.55*	
		For 12" On Center, Add	*0.65*	
		For 24" On Center, Deduct	*-0.65*	
		For Up To 100, Add	*1.11*	
		For >100 To 300, Add	*0.56*	
		For >1,000, Deduct	*-0.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0009	SF	2-1/2" Width, 16" On Center, 20 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners Assembly	4.16	0.77
		For Powder-Actuated Fasteners Every 2', Add	*0.05*	
		For Walls >10' High, Add	*0.83*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.97*	
		For Soffit, Columns Or Beams >10' High, Add	*2.55*	
		For Horizontal Installation Up To 10' High, Add	*0.71*	
		For Horizontal Installation >10' High, Add	*0.90*	
		For Curved Wall, Add	*0.58*	
		For 12" On Center, Add	*0.74*	
		For 24" On Center, Deduct	*-0.74*	
		For Up To 100, Add	*1.22*	
		For >100 To 300, Add	*0.61*	
		For >1,000, Deduct	*-0.43*	
09 22 16 13-0010	SF	3-5/8" Width, 16" On Center, 20 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners Assembly	4.66	0.80
		For Powder-Actuated Fasteners Every 2', Add	*0.05*	
		For Walls >10' High, Add	*0.93*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.09*	
		For Soffit, Columns Or Beams >10' High, Add	*2.70*	
		For Horizontal Installation Up To 10' High, Add	*0.77*	
		For Horizontal Installation >10' High, Add	*0.97*	
		For Curved Wall, Add	*0.61*	
		For 12" On Center, Add	*0.83*	
		For 24" On Center, Deduct	*-0.83*	
		For Up To 100, Add	*1.34*	
		For >100 To 300, Add	*0.67*	
		For >1,000, Deduct	*-0.50*	
09 22 16 13-0011	SF	4" Width, 16" On Center, 20 Gauge, Non-Load Bearing, Non-Structural Structural, Galvanized Steel Framing With Tracks And Runners Assembly	4.99	0.85
		For Powder-Actuated Fasteners Every 2', Add	*0.05*	
		For Walls >10' High, Add	*1.00*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.20*	
		For Soffit, Columns Or Beams >10' High, Add	*2.84*	
		For Horizontal Installation Up To 10' High, Add	*0.82*	
		For Horizontal Installation >10' High, Add	*1.03*	
		For Curved Wall, Add	*0.64*	
		For 12" On Center, Add	*0.89*	
		For 24" On Center, Deduct	*-0.89*	
		For Up To 100, Add	*1.42*	
		For >100 To 300, Add	*0.71*	
		For >1,000, Deduct	*-0.54*	
09 22 16 13-0012	SF	6" Width, 16" On Center, 20 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners Assembly	7.35	0.89
		For Powder-Actuated Fasteners Every 2', Add	*0.05*	
		For Walls >10' High, Add	*1.47*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.52*	
		For Soffit, Columns Or Beams >10' High, Add	*3.19*	
		For Horizontal Installation Up To 10' High, Add	*1.07*	
		For Horizontal Installation >10' High, Add	*1.29*	
		For Curved Wall, Add	*0.67*	
		For 12" On Center, Add	*1.36*	
		For 24" On Center, Deduct	*-1.36*	
		For Up To 100, Add	*1.92*	
		For >100 To 300, Add	*0.96*	
		For >1,000, Deduct	*-0.88*	

09 22 16 13-0013 18 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners Assemblies *(09 22 16 13)*

09 22 16 13-0014	SF	2-1/2" Width, 16" On Center, 18 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners Assembly	6.15	0.78
		For Powder-Actuated Fasteners Every 2', Add	*0.05*	
		For Walls >10' High, Add	*1.23*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.20*	
		For Soffit, Columns Or Beams >10' High, Add	*2.79*	
		For Horizontal Installation Up To 10' High, Add	*0.91*	
		For Horizontal Installation >10' High, Add	*1.11*	
		For Curved Wall, Add	*0.59*	
		For 12" On Center, Add	*1.13*	
		For 24" On Center, Deduct	*-1.13*	
		For Up To 100, Add	*1.63*	
		For >100 To 300, Add	*0.81*	
		For >1,000, Deduct	*-0.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0015	SF	3-5/8" Width, 16" On Center, 18 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners Assembly	6.87	0.83
		For Powder-Actuated Fasteners Every 2', Add	*0.05*	
		For Walls >10' High, Add	*1.37*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.36*	
		For Soffit, Columns Or Beams >10' High, Add	*2.99*	
		For Horizontal Installation Up To 10' High, Add	*1.00*	
		For Horizontal Installation >10' High, Add	*1.21*	
		For Curved Wall, Add	*0.63*	
		For 12" On Center, Add	*1.27*	
		For 24" On Center, Deduct	*-1.27*	
		For Up To 100, Add	*1.79*	
		For >100 To 300, Add	*0.90*	
		For >1,000, Deduct	*-0.82*	
09 22 16 13-0016	SF	4" Width, 16" On Center, 18 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners Assembly	7.40	0.87
		For Powder-Actuated Fasteners Every 2', Add	*0.05*	
		For Walls >10' High, Add	*1.48*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.48*	
		For Soffit, Columns Or Beams >10' High, Add	*3.14*	
		For Horizontal Installation Up To 10' High, Add	*1.07*	
		For Horizontal Installation >10' High, Add	*1.29*	
		For Curved Wall, Add	*0.65*	
		For 12" On Center, Add	*1.37*	
		For 24" On Center, Deduct	*-1.37*	
		For Up To 100, Add	*1.92*	
		For >100 To 300, Add	*0.96*	
		For >1,000, Deduct	*-0.89*	
09 22 16 13-0017	SF	6" Width, 16" On Center, 18 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners Assembly	9.99	0.91
		For Powder-Actuated Fasteners Every 2', Add	*0.05*	
		For Walls >10' High, Add	*2.00*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.84*	
		For Soffit, Columns Or Beams >10' High, Add	*3.53*	
		For Horizontal Installation Up To 10' High, Add	*1.34*	
		For Horizontal Installation >10' High, Add	*1.57*	
		For Curved Wall, Add	*0.69*	
		For 12" On Center, Add	*1.88*	
		For 24" On Center, Deduct	*-1.88*	
		For Up To 100, Add	*2.46*	
		For >100 To 300, Add	*1.23*	
		For >1,000, Deduct	*-1.27*	
09 22 16 13-0018	SF	8" Width, 16" On Center, 18 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners Assembly	10.92	0.97
		For Powder-Actuated Fasteners Every 2', Add	*0.05*	
		For Walls >10' High, Add	*2.18*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*3.01*	
		For Soffit, Columns Or Beams >10' High, Add	*3.73*	
		For Horizontal Installation Up To 10' High, Add	*1.45*	
		For Horizontal Installation >10' High, Add	*1.69*	
		For Curved Wall, Add	*0.72*	
		For 12" On Center, Add	*2.06*	
		For 24" On Center, Deduct	*-2.06*	
		For Up To 100, Add	*2.66*	
		For >100 To 300, Add	*1.33*	
		For >1,000, Deduct	*-1.40*	

09 22 16 13-0019 16 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners Assemblies *(09 22 16 13)*

09 22 16 13-0020	SF	2-1/2" Width, 16" On Center, 16 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners Assembly	6.58	0.80
		For Powder-Actuated Fasteners Every 2', Add	*0.05*	
		For Walls >10' High, Add	*1.32*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.28*	
		For Soffit, Columns Or Beams >10' High, Add	*2.89*	
		For Horizontal Installation Up To 10' High, Add	*0.96*	
		For Horizontal Installation >10' High, Add	*1.17*	
		For Curved Wall, Add	*0.61*	
		For 12" On Center, Add	*1.21*	
		For 24" On Center, Deduct	*-1.21*	
		For Up To 100, Add	*1.72*	
		For >100 To 300, Add	*0.86*	
		For >1,000, Deduct	*-0.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0021	SF	3-5/8" Width, 16" On Center, 16 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners Assembly	7.90	0.85
		For Powder-Actuated Fasteners Every 2', Add	*0.05*	
		For Walls >10' High, Add	*1.58*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.49*	
		For Soffit, Columns Or Beams >10' High, Add	*3.13*	
		For Horizontal Installation Up To 10' High, Add	*1.11*	
		For Horizontal Installation >10' High, Add	*1.32*	
		For Curved Wall, Add	*0.64*	
		For 12" On Center, Add	*1.47*	
		For 24" On Center, Deduct	*-1.47*	
		For Up To 100, Add	*2.01*	
		For >100 To 300, Add	*1.00*	
		For >1,000, Deduct	*-0.97*	
09 22 16 13-0022	SF	4" Width, 16" On Center, 16 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners Assembly	8.36	0.89
		For Powder-Actuated Fasteners Every 2', Add	*0.05*	
		For Walls >10' High, Add	*1.67*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.62*	
		For Soffit, Columns Or Beams >10' High, Add	*3.29*	
		For Horizontal Installation Up To 10' High, Add	*1.17*	
		For Horizontal Installation >10' High, Add	*1.39*	
		For Curved Wall, Add	*0.67*	
		For 12" On Center, Add	*1.56*	
		For 24" On Center, Deduct	*-1.56*	
		For Up To 100, Add	*2.12*	
		For >100 To 300, Add	*1.06*	
		For >1,000, Deduct	*-1.03*	
09 22 16 13-0023	SF	6" Width, 16" On Center, 16 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners Assembly	10.85	0.94
		For Powder-Actuated Fasteners Every 2', Add	*0.05*	
		For Walls >10' High, Add	*2.17*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.97*	
		For Soffit, Columns Or Beams >10' High, Add	*3.67*	
		For Horizontal Installation Up To 10' High, Add	*1.44*	
		For Horizontal Installation >10' High, Add	*1.67*	
		For Curved Wall, Add	*0.71*	
		For 12" On Center, Add	*2.05*	
		For 24" On Center, Deduct	*-2.05*	
		For Up To 100, Add	*2.64*	
		For >100 To 300, Add	*1.32*	
		For >1,000, Deduct	*-1.39*	
09 22 16 13-0024	SF	8" Width, 16" On Center, 16 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners Assembly	12.03	0.99
		For Powder-Actuated Fasteners Every 2', Add	*0.05*	
		For Walls >10' High, Add	*2.41*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*3.18*	
		For Soffit, Columns Or Beams >10' High, Add	*3.92*	
		For Horizontal Installation Up To 10' High, Add	*1.57*	
		For Horizontal Installation >10' High, Add	*1.82*	
		For Curved Wall, Add	*0.74*	
		For 12" On Center, Add	*2.28*	
		For 24" On Center, Deduct	*-2.28*	
		For Up To 100, Add	*2.90*	
		For >100 To 300, Add	*1.45*	
		For >1,000, Deduct	*-1.56*	

09 22 16 13-0025 Galvanized Steel Backing Plates *(09 22 16 13)*

Note: Used to attach fixtures, cabinets, shelves or handrails to metal stud walls.

09 22 16 13-0026	LF	3" Wide, 25 Gauge Galvanized Steel Backing Plate	1.53
09 22 16 13-0027	LF	4" Wide, 25 Gauge Galvanized Steel Backing Plate	1.87
09 22 16 13-0028	LF	6" Wide, 25 Gauge Galvanized Steel Backing Plate	2.43
09 22 16 13-0029	LF	8" Wide, 25 Gauge Galvanized Steel Backing Plate	3.00
09 22 16 13-0030	LF	10" Wide, 25 Gauge Galvanized Steel Backing Plate	3.55
09 22 16 13-0031	LF	12" Wide, 25 Gauge Galvanized Steel Backing Plate	4.23
09 22 16 13-0032	LF	3" Wide, 20 Gauge Galvanized Steel Backing Plate	2.00
09 22 16 13-0033	LF	4" Wide, 20 Gauge Galvanized Steel Backing Plate	2.48
09 22 16 13-0034	LF	6" Wide, 20 Gauge Galvanized Steel Backing Plate	3.34
09 22 16 13-0035	LF	8" Wide, 20 Gauge Galvanized Steel Backing Plate	4.19
09 22 16 13-0036	LF	10" Wide, 20 Gauge Galvanized Steel Backing Plate	5.07
09 22 16 13-0037	LF	12" Wide, 20 Gauge Galvanized Steel Backing Plate	6.03
09 22 16 13-0038	LF	3" Wide, 16 Gauge Galvanized Steel Backing Plate	2.74
09 22 16 13-0039	LF	4" Wide, 16 Gauge Galvanized Steel Backing Plate	3.43
09 22 16 13-0040	LF	6" Wide, 16 Gauge Galvanized Steel Backing Plate	4.69
09 22 16 13-0041	LF	8" Wide, 16 Gauge Galvanized Steel Backing Plate	5.96
09 22 16 13-0042	LF	10" Wide, 16 Gauge Galvanized Steel Backing Plate	7.32
09 22 16 13-0043	LF	12" Wide, 16 Gauge Galvanized Steel Backing Plate	8.64
09 22 16 13-0044	LF	3" Wide, 14 Gauge Galvanized Steel Backing Plate	3.25
09 22 16 13-0045	LF	4" Wide, 14 Gauge Galvanized Steel Backing Plate	4.11
09 22 16 13-0046	LF	6" Wide, 14 Gauge Galvanized Steel Backing Plate	5.71
09 22 16 13-0047	LF	8" Wide, 14 Gauge Galvanized Steel Backing Plate	7.32
09 22 16 13-0048	LF	10" Wide, 14 Gauge Galvanized Steel Backing Plate	9.03
09 22 16 13-0049	LF	12" Wide, 14 Gauge Galvanized Steel Backing Plate	10.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36		**Lath** *(09 22)*		
09 22 36 13		**Gypsum Lath** *(09 22 36)*		
09 22 36 13-0001		Plaster Base Gypsum Panels *(09 22 36 13)*		
09 22 36 13-0002	SF	3/8" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel	1.53	0.48
		For Walls >10' High, Add	*0.12*	
		For Up To 100, Add	*0.48*	
		For >100 To 500, Add	*0.24*	
		For >5,000, Deduct	*-0.10*	
09 22 36 13-0003	SF	1/2" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel	2.16	0.55
		For Walls >10' High, Add	*0.14*	
		For Up To 100, Add	*0.56*	
		For >100 To 500, Add	*0.28*	
		For >5,000, Deduct	*-0.11*	
09 22 36 13-0004	SF	5/8" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel	2.80	0.64
		For Walls >10' High, Add	*0.16*	
		For Up To 100, Add	*0.64*	
		For >100 To 500, Add	*0.32*	
		For >5,000, Deduct	*-0.13*	
09 22 36 13-0005	SF	3/8" Thick, Installed On Ceiling, Plaster Base Gypsum Panel	1.91	0.67
		For Ceilings >10' High, Add	*0.20*	
		For Up To 100, Add	*0.67*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.13*	
09 22 36 13-0006	SF	1/2" Thick, Installed On Ceiling, Plaster Base Gypsum Panel	2.60	0.77
		For Ceilings >10' High, Add	*0.23*	
		For Up To 100, Add	*0.78*	
		For >100 To 500, Add	*0.39*	
		For >5,000, Deduct	*-0.16*	
09 22 36 13-0007	SF	5/8" Thick, Installed On Ceiling, Plaster Base Gypsum Panel	3.30	0.89
		For Ceilings >10' High, Add	*0.27*	
		For Up To 100, Add	*0.89*	
		For >100 To 500, Add	*0.44*	
		For >5,000, Deduct	*-0.18*	
09 22 36 13-0008	SF	3/8" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel	2.30	0.86
		For Columns And Beams >10' High, Add	*0.26*	
		For Up To 100, Add	*0.87*	
		For >100 To 500, Add	*0.43*	
		For >5,000, Deduct	*-0.17*	
09 22 36 13-0009	SF	1/2" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel	3.04	1.00
		For Columns And Beams >10' High, Add	*0.30*	
		For Up To 100, Add	*1.00*	
		For >100 To 500, Add	*0.50*	
		For >5,000, Deduct	*-0.20*	
09 22 36 13-0010	SF	5/8" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel	3.81	1.15
		For Columns And Beams >10' High, Add	*0.34*	
		For Up To 100, Add	*1.14*	
		For >100 To 500, Add	*0.57*	
		For >5,000, Deduct	*-0.23*	
09 22 36 13-0011		Firestop Plaster Base Gypsum Panels *(09 22 36 13)*		
09 22 36 13-0012	SF	3/8" Thick, Installed On Studs Or Furred Walls, Firestop Plaster Base Gypsum Panel	2.22	0.48
		For Walls >10' High, Add	*0.12*	
		For Up To 100, Add	*0.48*	
		For >100 To 500, Add	*0.24*	
		For >5,000, Deduct	*-0.10*	
09 22 36 13-0013	SF	1/2" Thick, Installed On Studs Or Furred Walls, Firestop Plaster Base Gypsum Panel	2.59	0.55
		For Walls >10' High, Add	*0.14*	
		For Up To 100, Add	*0.56*	
		For >100 To 500, Add	*0.28*	
		For >5,000, Deduct	*-0.11*	
09 22 36 13-0014	SF	3/8" Thick, Installed On Ceilings, Firestop Plaster Base Gypsum Panel	2.60	0.67
		For Ceilings >10' High, Add	*0.20*	
		For Up To 100, Add	*0.67*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.13*	
09 22 36 13-0015	SF	1/2" Thick, Installed On Ceilings, Firestop Plaster Base Gypsum Panel	3.03	0.77
		For Ceilings >10' High, Add	*0.23*	
		For Up To 100, Add	*0.78*	
		For >100 To 500, Add	*0.39*	
		For >5,000, Deduct	*-0.16*	
09 22 36 13-0016	SF	3/8" Thick, Installed On Columns And Beams, Firestop Plaster Base Gypsum Panel	2.99	0.86
		For Columns And Beams >10' High, Add	*0.26*	
		For Up To 100, Add	*0.87*	
		For >100 To 500, Add	*0.43*	
		For >5,000, Deduct	*-0.17*	
09 22 36 13-0017	SF	1/2" Thick, Installed On Columns And Beams, Firestop Plaster Base Gypsum Panel	3.47	1.00
		For Columns And Beams >10' High, Add	*0.30*	
		For Up To 100, Add	*1.00*	
		For >100 To 500, Add	*0.50*	
		For >5,000, Deduct	*-0.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 13-0018		**Foil Back Plaster Base Gypsum Panels** *(09 22 36 13)*		
09 22 36 13-0019	SF	3/8" Thick, Installed On Studs Or Furred Walls, Foil Back Plaster Base Gypsum Panel	2.22	0.48
		For Walls >10' High, Add	*0.12*	
		For Up To 100, Add	*0.48*	
		For >100 To 500, Add	*0.24*	
		For >5,000, Deduct	*-0.10*	
09 22 36 13-0020	SF	1/2" Thick, Installed On Studs Or Furred Walls, Foil Back Plaster Base Gypsum Panel	2.59	0.55
		For Walls >10' High, Add	*0.14*	
		For Up To 100, Add	*0.56*	
		For >100 To 500, Add	*0.28*	
		For >5,000, Deduct	*-0.11*	
09 22 36 13-0021	SF	3/8" Thick, Installed On Ceiling, Foil Back Plaster Base Gypsum Panel	2.60	0.67
		For Ceilings >10' High, Add	*0.20*	
		For Up To 100, Add	*0.67*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.13*	
09 22 36 13-0022	SF	1/2" Thick, Installed On Ceiling, Foil Back Plaster Base Gypsum Panel	3.03	0.77
		For Ceilings >10' High, Add	*0.23*	
		For Up To 100, Add	*0.78*	
		For >100 To 500, Add	*0.39*	
		For >5,000, Deduct	*-0.16*	
09 22 36 13-0023	SF	3/8" Thick, Installed On Columns And Beams, Foil Back Plaster Base Gypsum Panel	2.99	0.86
		For Columns And Beams >10' High, Add	*0.26*	
		For Up To 100, Add	*0.87*	
		For >100 To 500, Add	*0.43*	
		For >5,000, Deduct	*-0.17*	
09 22 36 13-0024	SF	1/2" Thick, Installed On Columns And Beams, Foil Back Plaster Base Gypsum Panel	3.47	1.00
		For Columns And Beams >10' High, Add	*0.30*	
		For Up To 100, Add	*1.00*	
		For >100 To 500, Add	*0.50*	
		For >5,000, Deduct	*-0.20*	
09 22 36 23		**Metal Lath** *(09 22 36)*		
09 22 36 23-0001		**Flat Diamond, Expanded Metal Lath** *(09 22 36 23)*		
09 22 36 23-0002	SF	1.75 Lb./SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	2.55	0.66
		For Walls >10' High, Add	*0.19*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.74*	
		For >100 To 500, Add	*0.37*	
		For >5,000, Deduct	*-0.15*	
09 22 36 23-0003	SF	2 Lb./SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	2.68	0.66
		For Walls >10' High, Add	*0.19*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.74*	
		For >100 To 500, Add	*0.37*	
		For >5,000, Deduct	*-0.15*	
09 22 36 23-0004	SF	2.5 Lb./SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	2.82	0.66
		For Walls >10' High, Add	*0.19*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.74*	
		For >100 To 500, Add	*0.37*	
		For >5,000, Deduct	*-0.15*	
09 22 36 23-0005	SF	3.4 Lb./SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	3.27	0.71
		For Walls >10' High, Add	*0.20*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.79*	
		For >100 To 500, Add	*0.40*	
		For >5,000, Deduct	*-0.16*	
09 22 36 23-0006	SF	1.75 Lb./SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath	2.76	0.75
		For Ceilings >10' High, Add	*0.25*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.85*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	
09 22 36 23-0007	SF	2 Lb./SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath	2.89	0.75
		For Ceilings >10' High, Add	*0.25*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.85*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	
09 22 36 23-0008	SF	2.5 Lb./SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath	3.03	0.75
		For Ceilings >10' High, Add	*0.25*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.85*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	
09 22 36 23-0009	SF	3.4 Lb./SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath	3.38	0.75
		For Ceilings >10' High, Add	*0.25*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.85*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 23-0010	SF	1.75 Lb./SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	3.61	1.07
		For Columns And Beams >10' High, Add	*0.35*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.18*	
		For >100 To 500, Add	*0.59*	
		For >5,000, Deduct	*-0.24*	
09 22 36 23-0011	SF	2 Lb./SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	3.75	1.07
		For Columns And Beams >10' High, Add	*0.35*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.18*	
		For >100 To 500, Add	*0.59*	
		For >5,000, Deduct	*-0.24*	
09 22 36 23-0012	SF	2.5 Lb./SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	3.88	1.07
		For Columns And Beams >10' High, Add	*0.35*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.18*	
		For >100 To 500, Add	*0.59*	
		For >5,000, Deduct	*-0.24*	
09 22 36 23-0013	SF	3.4 Lb./SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	4.83	1.34
		For Columns And Beams >10' High, Add	*0.44*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.48*	
		For >100 To 500, Add	*0.74*	
		For >5,000, Deduct	*-0.30*	
09 22 36 23-0014		**Self-Furring, Flat Diamond, Expanded Metal Lath** *(09 22 36 23)*		
09 22 36 23-0015	SF	1.75 Lb./SY, Installed On Solid Wall Surface, Self-Furring, Flat Diamond, Expanded Metal Lath	2.65	0.71
		For Walls >10' High, Add	*0.20*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.79*	
		For >100 To 500, Add	*0.40*	
		For >5,000, Deduct	*-0.16*	
09 22 36 23-0016	SF	2.0 Lb./SY, Installed On Solid Wall Surface, Self-Furring, Flat Diamond, Expanded Metal Lath	2.78	0.71
		For Walls >10' High, Add	*0.20*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.79*	
		For >100 To 500, Add	*0.40*	
		For >5,000, Deduct	*-0.16*	
09 22 36 23-0017	SF	2.5 Lb./SY, Installed On Solid Wall Surface, Self-Furring, Flat Diamond, Expanded Metal Lath	2.92	0.71
		For Walls >10' High, Add	*0.20*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.79*	
		For >100 To 500, Add	*0.40*	
		For >5,000, Deduct	*-0.16*	
09 22 36 23-0018	SF	3.4 Lb./SY, Installed On Solid Wall Surface, Self-Furring, Flat Diamond, Expanded Metal Lath	3.27	0.71
		For Walls >10' High, Add	*0.20*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.79*	
		For >100 To 500, Add	*0.40*	
		For >5,000, Deduct	*-0.16*	
09 22 36 23-0019	SF	1.75 Lb./SY, Installed On Columns And Beams, Self-Furring, Flat Diamond, Expanded Metal Lath	4.21	1.34
		For Columns And Beams >10' High, Add	*0.44*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.48*	
		For >100 To 500, Add	*0.74*	
		For >5,000, Deduct	*-0.30*	
09 22 36 23-0020	SF	2.0 Lb./SY, Installed On Columns And Beams, Self-Furring, Flat Diamond, Expanded Metal Lath	4.35	1.34
		For Columns And Beams >10' High, Add	*0.44*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.48*	
		For >100 To 500, Add	*0.74*	
		For >5,000, Deduct	*-0.30*	
09 22 36 23-0021	SF	2.5 Lb./SY, Installed On Columns And Beams, Self-Furring, Flat Diamond, Expanded Metal Lath	4.48	1.34
		For Columns And Beams >10' High, Add	*0.44*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.48*	
		For >100 To 500, Add	*0.74*	
		For >5,000, Deduct	*-0.30*	
09 22 36 23-0022	SF	3.4 Lb./SY, Installed On Columns And Beams, Self-Furring, Flat Diamond, Expanded Metal Lath	5.25	1.53
		For Columns And Beams >10' High, Add	*0.51*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.69*	
		For >100 To 500, Add	*0.85*	
		For >5,000, Deduct	*-0.34*	
09 22 36 23-0023		**High Rib Metal Lath** *(09 22 36 23)*		
09 22 36 23-0024	SF	2.75 Lb./SY, Installed On Ceiling, 1/8" High Rib Metal Lath	3.14	0.75
		For Ceilings >10' High, Add	*0.25*	
		For Up To 100, Add	*0.85*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 23-0025	SF	3.4 Lb./SY, Installed On Ceiling, 1/8" High Rib Metal Lath	3.34	0.75
		For Ceilings >10' High, Add	*0.25*	
		For Up To 100, Add	*0.85*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	
09 22 36 23-0026	SF	3.4 Lb./SY, Installed On Ceiling, 3/8" High Rib Metal Lath	3.46	0.75
		For Ceilings >10' High, Add	*0.25*	
		For Up To 100, Add	*0.85*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	
09 22 36 23-0027	SF	4.0 Lb./SY, Installed On Ceiling, 3/8" High Rib Metal Lath	3.68	0.75
		For Ceilings >10' High, Add	*0.25*	
		For Up To 100, Add	*0.85*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	

09 22 36 33 Fiberglass Lath *(09 22 36)*

09 22 36 33-0001 Non-Metallic, Fiberglass Lath *(09 22 36 33)*

09 22 36 33-0002	SF	1/8" Thick, Installed On Ceiling, Non-Metallic, Fiberglass Lath	3.45	0.75
		For Ceilings >10' High, Add	*0.25*	
		For Up To 100, Add	*0.85*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	
09 22 36 33-0003	SF	1/4" Thick, Installed On Ceiling, Non-Metallic, Fiberglass Lath	3.71	0.75
		For Ceilings >10' High, Add	*0.25*	
		For Up To 100, Add	*0.85*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	
09 22 36 33-0004	SF	1/8" Thick, Installed On Solid Wall Surface, Non-Metallic, Fiberglass Lath	3.34	0.71
		For Walls >10' High, Add	*0.20*	
		For Up To 100, Add	*0.79*	
		For >100 To 500, Add	*0.40*	
		For >5,000, Deduct	*-0.16*	
09 22 36 33-0005	SF	1/4" Thick, Installed On Solid Wall Surface, Non-Metallic, Fiberglass Lath	3.60	0.71
		For Walls >10' High, Add	*0.20*	
		For Up To 100, Add	*0.79*	
		For >100 To 500, Add	*0.40*	
		For >5,000, Deduct	*-0.16*	

09 23 Gypsum Plastering *(09 20)*

09 23 13 Acoustical Gypsum Plastering *(09 23)*

Note: Excludes lath, furring and studs. See CSI section 09 22 00 00-0000 for metal studs and furring, 09 22 36 00-0000 for lath.

09 23 13 00-0001 Casing And Corner Beads *(09 23 13)*

09 23 13 00-0002	LF	Galvanized Expanded Flange Casing Bead For Plaster Applications	4.49	1.07
09 23 13 00-0003	LF	Zinc Expanded Flange Casing Bead For Plaster Applications	4.50	1.07
09 23 13 00-0004	LF	Vinyl Expanded Flange Casing Bead For Plaster Applications	4.77	1.07
09 23 13 00-0005	LF	Galvanized Corner Bead For Plaster Applications	4.28	1.07
09 23 13 00-0006	LF	Vinyl Corner Bead For Plaster Applications	4.30	1.07

09 23 13 00-0007 Trim *(09 23 13)*

09 23 13 00-0008	LF	Galvanized "J" Trim For Plaster Applications	4.89	1.07
		For Vinyl Instead Of Galvanized, Add	*0.34*	
		For Zinc Instead Of Galvanized, Add	*2.28*	
09 23 13 00-0009	LF	Galvanized "L" Trim For Plaster Applications	4.89	1.07
		For Vinyl Instead Of Galvanized, Add	*0.34*	
		For Zinc Instead Of Galvanized, Add	*2.28*	
09 23 13 00-0010	LF	Galvanized "U" Trim For Plaster Applications	4.89	1.07
		For Vinyl Instead Of Galvanized, Add	*0.34*	
		For Zinc Instead Of Galvanized, Add	*2.28*	

09 23 13 00-0011 Plaster Forms And Expansion Joints *(09 23 13)*

09 23 13 00-0012	SF	1" Architectural Foam Forms To Cover With Plaster	5.20	
09 23 13 00-0013	LF	3/4" Galvanized Expansion Joint For Plaster Applications	5.44	1.07

09 23 13 00-0014 One Skim Coat Gypsum Plaster On Walls *(09 23 13)*

09 23 13 00-0015	SF	Skim Coat One Coat Gypsum Plaster On Walls	1.41	
		For Walls >10' High, Add	*0.12*	
		For Horizontal Installation Up To 10' High, Add	*0.18*	
		For Horizontal Installation >10' High, Add	*0.36*	
		For Columns Or Beams Up To 10' High, Add	*0.38*	
		For Columns Or Beams >10' High, Add	*0.56*	
		For Up To 100, Add	*0.61*	
		For >100 To 500, Add	*0.30*	
		For >5,000, Deduct	*-0.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 23 13 00-0016	SF	For Each Additional Coat Over One, Skim Coat Gypsum Plaster On Walls	1.02	
		For Walls >10' High, Add	*0.09*	
		For Horizontal Installation Up To 10' High, Add	*0.13*	
		For Horizontal Installation >10' High, Add	*0.26*	
		For Columns Or Beams Up To 10' High, Add	*0.27*	
		For Columns Or Beams >10' High, Add	*0.40*	
		For Up To 100, Add	*0.44*	
		For >100 To 500, Add	*0.22*	
		For >5,000, Deduct	*-0.17*	
09 23 13 00-0017		Two Coats Gypsum Plaster On Walls *(09 23 13)*		
09 23 13 00-0018	SF	Smooth Finish Two Coats Gypsum Plaster On Walls	6.97	4.01
		For Walls >10' High, Add	*0.66*	
		For Horizontal Installation Up To 10' High, Add	*0.99*	
		For Horizontal Installation >10' High, Add	*1.98*	
		For Columns Or Beams Up To 10' High, Add	*2.05*	
		For Columns Or Beams >10' High, Add	*3.04*	
		For Up To 100, Add	*3.31*	
		For >100 To 500, Add	*1.65*	
		For >5,000, Deduct	*-1.32*	
09 23 13 00-0019	SF	Sand Aggregate Two Coats Gypsum Plaster On Walls	7.13	3.80
		For Walls >10' High, Add	*0.62*	
		For Horizontal Installation Up To 10' High, Add	*0.93*	
		For Horizontal Installation >10' High, Add	*1.86*	
		For Columns Or Beams Up To 10' High, Add	*1.93*	
		For Columns Or Beams >10' High, Add	*2.86*	
		For Up To 100, Add	*3.11*	
		For >100 To 500, Add	*1.55*	
		For >5,000, Deduct	*-1.24*	
09 23 13 00-0020	SF	Perlite Or Vermiculite Two Coats Gypsum Plaster On Walls	7.16	3.80
		For Walls >10' High, Add	*0.62*	
		For Horizontal Installation Up To 10' High, Add	*0.93*	
		For Horizontal Installation >10' High, Add	*1.86*	
		For Columns Or Beams Up To 10' High, Add	*1.93*	
		For Columns Or Beams >10' High, Add	*2.86*	
		For Up To 100, Add	*3.11*	
		For >100 To 500, Add	*1.55*	
		For >5,000, Deduct	*-1.24*	
09 23 13 00-0021		Three Coats Gypsum Plaster On Walls *(09 23 13)*		
09 23 13 00-0022	SF	Smooth Finish Three Coats Gypsum Plaster On Walls	8.42	4.88
		For Walls >10' High, Add	*0.79*	
		For Horizontal Installation Up To 10' High, Add	*1.19*	
		For Horizontal Installation >10' High, Add	*2.37*	
		For Columns Or Beams Up To 10' High, Add	*2.45*	
		For Columns Or Beams >10' High, Add	*3.63*	
		For Up To 100, Add	*3.95*	
		For >100 To 500, Add	*1.98*	
		For >5,000, Deduct	*-1.58*	
09 23 13 00-0023	SF	Sand Aggregate Three Coats Gypsum Plaster On Walls	8.40	4.45
		For Walls >10' High, Add	*0.73*	
		For Horizontal Installation Up To 10' High, Add	*1.10*	
		For Horizontal Installation >10' High, Add	*2.20*	
		For Columns Or Beams Up To 10' High, Add	*2.27*	
		For Columns Or Beams >10' High, Add	*3.37*	
		For Up To 100, Add	*3.66*	
		For >100 To 500, Add	*1.83*	
		For >5,000, Deduct	*-1.46*	
09 23 13 00-0024	SF	Perlite Or Vermiculite Three Coats Gypsum Plaster On Walls	7.93	4.45
		For Walls >10' High, Add	*0.73*	
		For Horizontal Installation Up To 10' High, Add	*1.09*	
		For Horizontal Installation >10' High, Add	*2.19*	
		For Columns Or Beams Up To 10' High, Add	*2.26*	
		For Columns Or Beams >10' High, Add	*3.35*	
		For Up To 100, Add	*3.65*	
		For >100 To 500, Add	*1.82*	
		For >5,000, Deduct	*-1.46*	
09 23 13 00-0025		Plaster Bonding Agent *(09 23 13)*		
09 23 13 00-0026	SF	1 Coat, Brush/Roller Applied Plaster Bonding Agent	0.79	
		For Walls >10' High, Add	*0.06*	
		For Columns Or Beams Up To 10' High, Add	*0.19*	
		For Columns Or Beams >10' High, Add	*0.29*	
		For Ceiling Application Up To 10' High, Add	*0.08*	
		For Ceiling Application >10' High, Add	*0.15*	

09 24 Cement Plastering *(09 20)*

09 24 13 Acoustical Cement Plastering *(09 24)*

09 24 13 00-0001 Keene's Cement Plaster, Quick Setting, White Hard Plaster *(09 24 13)*
Note: Used for areas with higher than normal moisture.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 24 13 00-0002	SF	1 Coat Keene's Cement Plaster On Walls	5.48	2.71
		For Walls >10' High, Add	*0.43*	
		For Horizontal Installation Up To 10' High, Add	*0.65*	
		For Horizontal Installation >10' High, Add	*1.30*	
		For Columns Or Beams Up To 10' High, Add	*1.34*	
		For Columns Or Beams >10' High, Add	*1.99*	
		For Up To 100, Add	*2.17*	
		For >100 To 500, Add	*1.08*	
		For >5,000, Deduct	*-0.87*	
09 24 13 00-0003	SF	2 Coat Keene's Cement Plaster On Walls	8.33	4.22
		For Walls >10' High, Add	*0.69*	
		For Horizontal Installation Up To 10' High, Add	*1.03*	
		For Horizontal Installation >10' High, Add	*2.06*	
		For Columns Or Beams Up To 10' High, Add	*2.13*	
		For Columns Or Beams >10' High, Add	*3.16*	
		For Up To 100, Add	*3.44*	
		For >100 To 500, Add	*1.72*	
		For >5,000, Deduct	*-1.38*	
09 24 13 00-0004	SF	3 Coat Keene's Cement Plaster On Walls	9.41	4.77
		For Walls >10' High, Add	*0.78*	
		For Horizontal Installation Up To 10' High, Add	*1.17*	
		For Horizontal Installation >10' High, Add	*2.33*	
		For Columns Or Beams Up To 10' High, Add	*2.41*	
		For Columns Or Beams >10' High, Add	*3.57*	
		For Up To 100, Add	*3.89*	
		For >100 To 500, Add	*1.94*	
		For >5,000, Deduct	*-1.55*	

09 24 23 Cement Stucco *(09 24)*

Note: Packaged product reinforced with fibers. All plastering excludes lath, furring or studs except as noted. See CSI section 09 22 00 00-0000 for metal studs and furring.

09 24 23 00-0001 Stucco *(09 24 23)*

Note: Excludes wall scaffolding or lifting equipment.

09 24 23 00-0002	SF	Scratch/Brown/Finish, Three Coat Troweled Stucco Note: Excludes lath and felt. Interior or exterior, one side.	10.50	3.36
		For Walls >10' High, Add	*0.92*	
		For Horizontal Installation Up To 10' High, Add	*1.38*	
		For Horizontal Installation >10' High, Add	*2.76*	
		For Columns Or Beams Up To 10' High, Add	*2.85*	
		For Columns Or Beams >10' High, Add	*4.23*	
		For Color Added To Finish Coat, Add	*0.15*	
		For Smooth Float Finish, Add	*1.93*	
		For Up To 100, Add	*4.60*	
		For >100 To 500, Add	*2.30*	
		For >5,000, Deduct	*-1.84*	
09 24 23 00-0003	SF	Scratch/Brown, Two Coat Troweled Stucco Note: Excludes lath and felt. Interior or exterior, one side.	4.51	1.63
		For Walls >10' High, Add	*0.34*	
		For Horizontal Installation Up To 10' High, Add	*0.50*	
		For Horizontal Installation >10' High, Add	*1.01*	
		For Columns Or Beams Up To 10' High, Add	*1.04*	
		For Columns Or Beams >10' High, Add	*1.55*	
		For Up To 100, Add	*1.68*	
		For >100 To 500, Add	*0.84*	
		For >5,000, Deduct	*-0.67*	
09 24 23 00-0004	SF	Scratch/Finish, Two Coat Troweled Stucco Note: Excludes lath and felt. Interior or exterior, one side.	6.93	1.63
		For Walls >10' High, Add	*0.60*	
		For Horizontal Installation Up To 10' High, Add	*0.90*	
		For Horizontal Installation >10' High, Add	*1.79*	
		For Columns Or Beams Up To 10' High, Add	*1.85*	
		For Columns Or Beams >10' High, Add	*2.75*	
		For Color Added To Finish Coat, Add	*0.15*	
		For Smooth Float Finish, Add	*1.64*	
		For Up To 100, Add	*2.99*	
		For >100 To 500, Add	*1.49*	
		For >5,000, Deduct	*-1.19*	
09 24 23 00-0005	SF	Finish Coat Troweled Stucco Note: Excludes lath and felt. Interior or exterior, one side.	4.49	1.08
		For Walls >10' High, Add	*0.43*	
		For Horizontal Installation Up To 10' High, Add	*0.65*	
		For Horizontal Installation >10' High, Add	*1.30*	
		For Columns Or Beams Up To 10' High, Add	*1.34*	
		For Columns Or Beams >10' High, Add	*1.99*	
		For Color Added To Finish Coat, Add	*0.15*	
		For Smooth Float Finish, Add	*1.63*	
		For Up To 100, Add	*2.17*	
		For >100 To 500, Add	*1.08*	
		For >5,000, Deduct	*-0.87*	

09 24 33 Cement Parging *(09 24)*

09 24 33 00-0001 Cement Parging *(09 24 33)*

09 24 33 00-0002	SF	1/8" Thick Sand And Cement Parging	4.26	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 24 33 00-0003	SF	1/4" Thick Sand And Cement Parging	5.44	
09 24 33 00-0004	SF	1/2" Thick Sand And Cement Parging	8.33	

09 28 Backing Boards and Underlayments *(09 20)*

09 28 13 Cementitious Backing Boards *(09 28)*

09 28 13 00-0001 Cementitious Backer Units *(09 28 13)*

Note: Installed with mechanical fasteners to floor, wall and ceiling surfaces. Use thin-set from setting methods section for floor installations as applicable.

09 28 13 00-0002	SF	1/4" Cementitious Backer Units For Installation On Floors	3.98	0.72
		For Up To 50, Add	*3.16*	
		For >50 To 250, Add	*0.58*	
		For >1,000, Deduct	*-0.29*	
		For Installation On Wall, Add	*0.58*	
		For Installation On Ceiling, Add	*1.44*	
09 28 13 00-0003	SF	1/2" Cementitious Backer Units For Installation On Floors	4.58	0.87
		For Up To 50, Add	*3.73*	
		For >50 To 250, Add	*0.69*	
		For >1,000, Deduct	*-0.35*	
		For Installation On Wall, Add	*0.69*	
		For Installation On Ceiling, Add	*1.73*	
09 28 13 00-0004	SF	5/8" Cementitious Backer Units For Installation On Floors	5.61	1.01
		For Up To 50, Add	*4.43*	
		For >50 To 250, Add	*0.81*	
		For >1,000, Deduct	*-0.40*	
		For Installation On Wall, Add	*0.81*	
		For Installation On Ceiling, Add	*2.02*	

09 28 16 Glass-Mat Faced Gypsum Backing Boards *(09 28)*

09 28 16 00-0001 Glass Mat Faced Backer Units (DensShield) *(09 28 16)*

Note: Installed with mechanical fasteners to floor, wall and ceiling surfaces. Use thin-set from setting methods section for floor installations as applicable.

09 28 16 00-0002	SF	1/2" Glass-Mat Faced Gypsum Backing Boards For Installation On Floors (DensShield Tile Backer)	3.58	0.81
		For Up To 50, Add	*2.45*	
		For >50 To 250, Add	*0.41*	
		For >1,000, Deduct	*-0.21*	
		For Installation On Wall, Add	*0.41*	
		For Installation On Ceiling, Add	*1.04*	
09 28 16 00-0003	SF	5/8" Glass-Mat Faced Gypsum Backing Boards For Installation On Floors (DensShield Tile Backer)	4.55	0.92
		For Up To 50, Add	*2.87*	
		For >50 To 250, Add	*0.46*	
		For >1,000, Deduct	*-0.23*	
		For Installation On Wall, Add	*0.46*	
		For Installation On Ceiling, Add	*1.16*	

09 29 Gypsum Board *(09 20)*

Note: Do not deduct for opens of less than 25 SF when calculating total wall square footage.

09 29 10 Gypsum Board *(09 29)*

09 29 10 00-0001 Standard Gypsum Board Application *(09 29 10)*

Note: Includes gypsum board screwed in place on walls, ceilings, beams, columns, soffits, etc. Excludes finishing. See CSI section 09 01 20 91-0001 for small repairs, 09 29 10 00-0034 for finishing gypsum board, 09 29 10 00-0047 for casing and corner bead.

09 29 10 00-0002 Standard Gypsum Board Application *(09 29 10 00-0001)*

09 29 10 00-0003	SF	1/4" Gypsum Board	1.48	0.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.22*	
		For Adhesive Applied Sheets, Add	*0.11*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.31*	
		For Horizontal Installation >10' High, Add	*0.46*	
		For Walls >10' High, Add	*0.07*	
		For Up To 128, Add	*0.48*	
		For >128 To 320, Add	*0.29*	
		For >1,536, Deduct	*-0.13*	
09 29 10 00-0004	SF	1/2" Gypsum Board	1.75	0.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.28*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.40*	
		For Horizontal Installation >10' High, Add	*0.60*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*0.59*	
		For >128 To 320, Add	*0.35*	
		For >1,536, Deduct	*-0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0005	SF	5/8" Gypsum Board	2.06	0.68
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.32*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.47*	
		For Horizontal Installation >10' High, Add	*0.69*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*0.69*	
		For >128 To 320, Add	*0.41*	
		For >1,536, Deduct	*-0.17*	
09 29 10 00-0006		Fire Rated Gypsum Board Application *(09 29 10 00-0001)*		
09 29 10 00-0007		Type X, Fire Rated Gypsum Board *(09 29 10 00-0006)*		
09 29 10 00-0008	SF	5/8" Type X Fire Rated Gypsum Board	2.19	0.68
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.35*	
		For Adhesive Applied Sheets, Add	*0.14*	
		Note: Includes bracing until adhesive is bonded		
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.51*	
		For Horizontal Installation >10' High, Add	*0.76*	
		For Walls >10' High, Add	*0.12*	
		For Up To 128, Add	*0.74*	
		For >128 To 320, Add	*0.45*	
		For >1,536, Deduct	*-0.18*	
09 29 10 00-0009		Type C, Fire Rated Gypsum Board *(09 29 10 00-0006)*		
09 29 10 00-0010	SF	1/2" Type C Fire Rated Gypsum Board	2.02	0.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.31*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.45*	
		For Horizontal Installation >10' High, Add	*0.66*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*0.67*	
		For >128 To 320, Add	*0.40*	
		For >1,536, Deduct	*-0.17*	
09 29 10 00-0011	SF	5/8" Type C Fire Rated Gypsum Board	2.27	0.68
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.35*	
		For Adhesive Applied Sheets, Add	*0.14*	
		Note: Includes bracing until adhesive is bonded		
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.51*	
		For Horizontal Installation >10' High, Add	*0.76*	
		For Walls >10' High, Add	*0.12*	
		For Up To 128, Add	*0.76*	
		For >128 To 320, Add	*0.45*	
		For >1,536, Deduct	*-0.19*	
09 29 10 00-0012		Fire Rated Gypsum Board (Sheetrock® Ultracode®) *(09 29 10 00-0006)*		
09 29 10 00-0013	SF	3/4" Fire Rated Gypsum Board (Sheetrock® Ultracode®)	3.23	0.68
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.36*	
		For Adhesive Applied Sheets, Add	*0.14*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.51*	
		For Horizontal Installation >10' High, Add	*0.76*	
		For Walls >10' High, Add	*0.12*	
		For Up To 128, Add	*0.95*	
		For >128 To 320, Add	*0.55*	
		For >1,536, Deduct	*-0.33*	
09 29 10 00-0014		Moisture Resistant Gypsum Board Application *(09 29 10 00-0001)*		
		Note: Water-resistant gypsum core.		
09 29 10 00-0015	SF	1/2" Moisture Resistant Gypsum Board	1.93	0.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.28*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.40*	
		For Horizontal Installation >10' High, Add	*0.60*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*0.62*	
		For >128 To 320, Add	*0.37*	
		For >1,536, Deduct	*-0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0016	SF	5/8" Moisture Resistant Gypsum Board	2.54	0.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.33*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.47*	
		For Horizontal Installation >10' High, Add	*0.69*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*0.78*	
		For >128 To 320, Add	*0.46*	
		For >1,536, Deduct	*-0.24*	
09 29 10 00-0017		**Vinyl Faced Gypsum Board Application** *(09 29 10 00-0001)*		
		Note: Includes clips and adhesive.		
09 29 10 00-0018	SF	1/2" Prefinished, Vinyl Faced Gypsum Board	4.26	0.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.30*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.40*	
		For Horizontal Installation >10' High, Add	*0.60*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*1.09*	
		For >128 To 320, Add	*0.60*	
		For >1,536, Deduct	*-0.52*	
		For Walls >10' High, Add	*0.12*	
09 29 10 00-0019	SF	5/8" Prefinished, Vinyl Faced Gypsum Board	4.44	0.68
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.35*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.47*	
		For Horizontal Installation >10' High, Add	*0.69*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*1.16*	
		For >128 To 320, Add	*0.65*	
		For >1,536, Deduct	*-0.53*	
		For Walls >10' High, Add	*0.14*	
09 29 10 00-0020	SF	1/2" Fire Rated, Prefinished Vinyl Faced Gypsum Board	4.91	0.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.34*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.45*	
		For Horizontal Installation >10' High, Add	*0.66*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*1.24*	
		For >128 To 320, Add	*0.69*	
		For >1,536, Deduct	*-0.61*	
		For Walls >10' High, Add	*0.13*	
09 29 10 00-0021	SF	5/8" Fire Rated, Prefinished Vinyl Faced Gypsum Board	7.51	0.68
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.41*	
		For Adhesive Applied Sheets, Add	*0.14*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.51*	
		For Horizontal Installation >10' High, Add	*0.76*	
		For Walls >10' High, Add	*0.12*	
		For Up To 128, Add	*1.80*	
		For >128 To 320, Add	*0.98*	
		For >1,536, Deduct	*-0.98*	
		For Walls >10' High, Add	*0.15*	
09 29 10 00-0022		**Moisture And Mold Resistant Gypsum Board Application** *(09 29 10 00-0001)*		
09 29 10 00-0023	SF	1/2", Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Mold-Guard™)	2.29	0.57
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.28*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.40*	
		For Horizontal Installation >10' High, Add	*0.60*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*0.70*	
		For >128 To 320, Add	*0.41*	
		For >1,536, Deduct	*-0.22*	
		For Walls >10' High, Add	*0.12*	
		For Non-reinforced Board, Deduct	*-0.08*	
09 29 10 00-0024	SF	5/8", Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Mold-Guard™)	2.73	0.65
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.33*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.47*	
		For Horizontal Installation >10' High, Add	*0.69*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*0.82*	
		For >128 To 320, Add	*0.48*	
		For >1,536, Deduct	*-0.27*	
		For Walls >10' High, Add	*0.14*	
		For Non-reinforced Board, Deduct	*-0.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0025	SF	1/2" Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Fireguard X® Mold-Guard™)	2.74	0.57
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.32*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.45*	
		For Horizontal Installation >10' High, Add	*0.66*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*0.81*	
		For >128 To 320, Add	*0.47*	
		For >1,536, Deduct	*-0.28*	
		For Walls >10' High, Add	*0.13*	
09 29 10 00-0026	SF	5/8" Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Fireguard X® Mold-Guard™)	3.07	0.65
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.36*	
		For Adhesive Applied Sheets, Add	*0.14*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.51*	
		For Horizontal Installation >10' High, Add	*0.76*	
		For Walls >10' High, Add	*0.12*	
		For Up To 128, Add	*0.92*	
		For >128 To 320, Add	*0.53*	
		For >1,536, Deduct	*-0.31*	
		For Walls >10' High, Add	*0.15*	
09 29 10 00-0027		**Impact Resistant Gypsum Board** *(09 29 10 00-0001)*		
		Note: Includes tapered edge, mold and moisture resistant, fire-resistant, Type X gypsum core encased in a heavy, abrasion and mold/mildew/moisture resistant		
09 29 10 00-0028	SF	5/8" Fire Rated, Impact Resistant Gypsum Board (National Gypsum Hi-Impact®)	4.18	0.65
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.34*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.46*	
		For Horizontal Installation >10' High, Add	*0.68*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*1.11*	
		For >128 To 320, Add	*0.62*	
		For >1,536, Deduct	*-0.49*	
		For Walls >10' High, Add	*0.14*	
09 29 10 00-0029		**Abuse Resistant Gypsum Board** *(09 29 10 00-0001)*		
		Note: Includes tapered edge, mold and moisture resistant, fire-resistant Type X gypsum core encased in a heavy, abrasion and mold/mildew/moisture resistant		
09 29 10 00-0030	SF	5/8" Fire Rated, Abuse Resistant Gypsum Board (National Gypsum Hi-Abuse®)	2.81	0.65
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.33*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.46*	
		For Horizontal Installation >10' High, Add	*0.68*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*0.83*	
		For >128 To 320, Add	*0.49*	
		For >1,536, Deduct	*-0.29*	
		For Walls >10' High, Add	*0.14*	
09 29 10 00-0031		**Noise Reducing Gypsum Board** *(09 29 10 00-0001)*		
09 29 10 00-0032	SF	1/2" Noise Reducing Gypsum Board (National Gypsum SoundBreak)	5.39	0.69
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.36*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.47*	
		For Horizontal Installation >10' High, Add	*0.69*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*1.35*	
		For >128 To 320, Add	*0.75*	
		For >1,536, Deduct	*-0.67*	
		For Walls >10' High, Add	*0.14*	
09 29 10 00-0033	SF	5/8" Noise Reducing Gypsum Board (National Gypsum SoundBreak)	6.56	0.69
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.37*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.47*	
		For Horizontal Installation >10' High, Add	*0.69*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*1.59*	
		For >128 To 320, Add	*0.86*	
		For >1,536, Deduct	*-0.85*	
		For Walls >10' High, Add	*0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 29 10 00-0034 Finishing Gypsum Board Applications *(09 29 10)*

Note: Includes flat or curved walls, columns, soffits, recesses, and chases. Tape, spackle, sand and finish gypsum board to the appropriate level as defined by ASTM C 840. No taping or finishing is required for Level 0. For Level 1, tape is set in compound at joints and interior angles. Ridges and tool marks are acceptable. For Level 2, tape is set in compound and wiped with a joint knife leaving a thin coating of compound over joints, interior angles, fastener heads, and beads. Ridges and tool marks are acceptable. Compound applied over the body of the tape at the time of the tape is set satisfies the conditions for this level. For Level 3, tape is set in compound and one additional coat of compound is applied over all joints and interior angles. Fastener heads and accessories receive two separate coats of joint compound. Ridges and tool marks are not acceptable. For Level 4, tape is set in compound and two separate coats of compound are applied over all flat joints with one separate coat of compound applied over interior angles. Fastener heads and accessories receive three separate coats of compound. Ridges and tool marks are not acceptable. A Level 5 finish is a Level 4 finish plus a thin skim coat of compound applied to the entire drywall surface. All levels of finish require that the surface be free of excess compound. A single modifier may be used to change the level of finish to the appropriate level.

09 29 10 00-0035 Finish Gypsum Board Walls, ASTM C840 Level 4 *(09 29 10 00-0034)*

09 29 10 00-0036	SF	Up To 10' High, Walls, Tape, Spackle And Finish Gypsum Board	0.80	
		For Up To 128, Add	*0.30*	
		For >128 To 320, Add	*0.19*	
		For >5,400, Deduct	*-0.08*	
		For ASTM C840 Level 1 Finish, Deduct	*-0.38*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.19*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.08*	
		For ASTM C840 Level 5 High Quality Finish, Add	*0.59*	
		For Spray Applied Textured Or Orange Peel Finish, Add	*0.59*	
09 29 10 00-0037	SF	>10' High, Walls, Tape, Spackle And Finish Gypsum Board Note: Use this task for the entire wall area when the wall is >10' high.	1.06	
		For Up To 128, Add	*0.41*	
		For >128 To 320, Add	*0.25*	
		For >5,400, Deduct	*-0.11*	
		For ASTM C840 Level 1 Finish, Deduct	*-0.51*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.25*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.10*	
		For ASTM C840 Level 5 High Quality Finish, Add	*0.78*	
		For Spray Applied Textured Or Orange Peel Finish, Add	*0.78*	

09 29 10 00-0038 Finish Gypsum Board Ceilings, ASTM C840 Level 4 *(09 29 10 00-0034)*

09 29 10 00-0039	SF	Up To 10' High, Ceilings, Tape, Spackle And Finish Gypsum Board	1.04	
		For Up To 128, Add	*0.40*	
		For >128 To 320, Add	*0.25*	
		For >5,400, Deduct	*-0.10*	
		For ASTM C840 Level 1 Finish, Deduct	*-0.50*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.25*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.10*	
		For ASTM C840 Level 5 High Quality Finish, Add	*0.77*	
		For Spray Applied Textured Or Orange Peel Finish, Add	*0.77*	
09 29 10 00-0040	SF	>10' High, Ceilings, Tape, Spackle And Finish Gypsum Board Note: Use this task for the entire wall area when the wall is >10' high.	1.39	
		For Up To 128, Add	*0.54*	
		For >128 To 320, Add	*0.34*	
		For >5,400, Deduct	*-0.14*	
		For ASTM C840 Level 1 Finish, Deduct	*-0.67*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.34*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.14*	
		For ASTM C840 Level 5 High Quality Finish, Add	*1.03*	
		For Spray Applied Textured Or Orange Peel Finish, Add	*1.03*	

09 29 10 00-0041 Finish Gypsum Board Vertical Corners, ASTM C840 Level 4 *(09 29 10 00-0034)*

Note: Inside or outside gypsum board corners.

09 29 10 00-0042	LF	Up To 10' High, Vertical Corners, Tape, Spackle And Finish Gypsum Board	1.61	
		For ASTM C840 Level 1 Finish, Deduct	*-0.74*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.37*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.15*	
		For ASTM C840 Level 5 High Quality Finish, Add	*1.18*	
09 29 10 00-0043	LF	>10' High, Vertical Corners, Tape, Spackle And Finish Gypsum Board Note: Use this task for the entire wall area when the wall is >10' high.	1.91	
		For ASTM C840 Level 1 Finish, Deduct	*-0.89*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.45*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.18*	
		For ASTM C840 Level 5 High Quality Finish, Add	*1.40*	

09 29 10 00-0044 Finish Gypsum Board Horizontal Corners, ASTM C840 Level 4 *(09 29 10 00-0034)*

Note: Inside or outside gypsum board corners.

09 29 10 00-0045	LF	Up To 10' High, Horizontal Corners, Tape, Spackle And Finish Gypsum Board	1.86	
		For ASTM C840 Level 1 Finish, Deduct	*-0.87*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.43*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.18*	
		For ASTM C840 Level 5 High Quality Finish, Add	*1.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0046	LF	>10' High, Horizontal Corners, Tape, Spackle And Finish Gypsum Board Note: Use this task for the entire wall area when the wall is >10' high.	2.22	
		For ASTM C840 Level 1 Finish, Deduct	*-1.05*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.52*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.21*	
		For ASTM C840 Level 5 High Quality Finish, Add	*1.63*	
09 29 10 00-0047		**Casing And Corner Beads** *(09 29 10)*		
09 29 10 00-0048	LF	Casing, Galvanized Steel J-Bead For Gypsum Board	4.51	1.15
		For Up To 100, Add	*0.37*	
		For >500, Deduct	*-0.23*	
09 29 10 00-0049	LF	Corner Bead, Galvanized Steel For Gypsum Board	4.12	1.15
		For Up To 100, Add	*0.29*	
		For >500, Deduct	*-0.21*	
09 29 10 00-0050		**Preformed Architectural Profiles** *(09 29 10)*		
09 29 10 00-0051		**Trim Reveals For Gypsum Board** *(09 29 10 00-0050)*		
09 29 10 00-0052	LF	1/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.36	1.38
09 29 10 00-0053	LF	1/4" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.42	1.38
09 29 10 00-0054	LF	3/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.64	1.38
09 29 10 00-0055	LF	1/2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.75	1.38
09 29 10 00-0056	LF	5/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	7.02	1.38
09 29 10 00-0057	LF	3/4" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	7.30	1.38
09 29 10 00-0058	LF	1" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	7.58	1.38
09 29 10 00-0059	LF	1-1/2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	8.46	1.38
09 29 10 00-0060	LF	2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	9.34	1.38
09 29 10 00-0061	LF	1/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.48	1.50
09 29 10 00-0062	LF	1/4" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.48	1.50
09 29 10 00-0063	LF	3/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	7.09	1.50
09 29 10 00-0064	LF	1/2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	7.20	1.50
09 29 10 00-0065	LF	5/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	7.58	1.50
09 29 10 00-0066	LF	3/4" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	7.75	1.50
09 29 10 00-0067	LF	1" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	7.97	1.50
09 29 10 00-0068	LF	1 1/2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	8.97	1.50
09 29 10 00-0069	LF	2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	9.96	1.50
09 29 10 00-0070	LF	3" x 5/8", Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	13.83	1.72
09 29 10 00-0071	LF	4" x 5/8", Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	15.49	1.72
09 29 10 00-0072		**Edge Trim For Gypsum Board** *(09 29 10 00-0050)*		
09 29 10 00-0073	LF	1/2" Aluminum Extrusions, Edge Trim For Gypsum Board	5.75	1.44
09 29 10 00-0074	LF	5/8" Aluminum Extrusions, Edge Trim For Gypsum Board	6.19	1.44
09 29 10 00-0075	LF	1" Aluminum Extrusions, Edge Trim For Gypsum Board	7.29	1.59
09 29 10 00-0076	LF	1-1/4" Aluminum Extrusions, Edge Trim For Gypsum Board	7.63	1.72
09 29 10 00-0077	LF	1/2" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	11.28	1.44
09 29 10 00-0078	LF	5/8" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	11.72	1.44
09 29 10 00-0079	LF	1" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	12.81	1.59
09 29 10 00-0080	LF	1-1/4" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	13.16	1.72
09 29 10 00-0081		**Bevel Trim For Gypsum Board** *(09 29 10 00-0050)*		
09 29 10 00-0082	LF	5/16" x 1/4" Aluminum Extrusions, Bevel Trim For Gypsum Board	6.19	1.44
09 29 10 00-0083	LF	5/8" x 5/8" Aluminum Extrusions, Bevel Trim For Gypsum Board	7.12	1.59
09 29 10 00-0084		**Trim/Wainscot Caps For Gypsum Board** *(09 29 10 00-0050)*		
09 29 10 00-0085	LF	1-1/2" Wide Aluminum Extrusions, Trim/Wainscot Cap For Gypsum Board	8.57	1.72
09 29 10 00-0086		**Single Fin Wall/Trim Reveals For Gypsum Board** *(09 29 10 00-0050)*		
09 29 10 00-0087	LF	1/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	6.27	0.92
09 29 10 00-0088	LF	1/4" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	6.30	1.04
09 29 10 00-0089	LF	3/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	7.26	1.15
09 29 10 00-0090	LF	1/2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	7.70	1.27
09 29 10 00-0091	LF	5/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	8.13	1.38
09 29 10 00-0092	LF	3/4" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	8.29	1.38
09 29 10 00-0093	LF	1" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	8.79	1.38
09 29 10 00-0094	LF	1-1/2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	9.73	1.38
09 29 10 00-0095	LF	2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	10.06	1.38
09 29 10 00-0096	LF	1/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	7.58	1.50
09 29 10 00-0097	LF	1/4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	7.69	1.50
09 29 10 00-0098	LF	3/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	8.30	1.50
09 29 10 00-0099	LF	1/2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	8.58	1.50
09 29 10 00-0100	LF	5/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	8.80	1.50
09 29 10 00-0101	LF	3/4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	9.08	1.50
09 29 10 00-0102	LF	1" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	9.46	1.50
09 29 10 00-0103	LF	1-1/2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	10.46	1.50
09 29 10 00-0104	LF	2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	11.28	1.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0105	LF	3" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	13.94	1.50
09 29 10 00-0106	LF	4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	19.02	1.50
09 29 10 00-0107	LF	3-1/16" x 7/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board	12.94	1.50
09 29 10 00-0108	LF	3-1/16" x 9/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board	13.38	1.50
09 29 10 00-0109	LF	4-1/16" x 7/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board	14.88	1.50
09 29 10 00-0110	LF	4-1/16" x 9/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board	15.04	1.50
09 29 10 00-0111	LF	9/16" Tall with 1/2" Reveal, Aluminum Extrusions, Single Fin Wall Base With Reveal For Gypsum Board	17.19	1.50
09 29 10 00-0112	LF	5/8" Aluminum Extrusions, Single Fin Wall/Trim Reveal Hanging Track For Gypsum Board	13.99	1.50
09 29 10 00-0113		**'V' Groove Wall Reveals For Gypsum Board** *(09 29 10 00-0050)*		
09 29 10 00-0114	LF	1/4" x 5/8" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board	9.36	2.07
09 29 10 00-0115	LF	3/4" x 1/2" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board	10.70	2.31
09 29 10 00-0116	LF	1" x 1/2" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board	12.17	2.76
09 29 10 00-0117	LF	9/32" x 5/8" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board	12.29	2.99
09 29 10 00-0118		**Double Fin Wall Reveals For Gypsum Board** *(09 29 10 00-0050)*		
09 29 10 00-0119	LF	3/8" x 3/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.01	1.38
09 29 10 00-0120	LF	1/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.12	1.38
09 29 10 00-0121	LF	1/4" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.23	1.38
09 29 10 00-0122	LF	3/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.23	1.38
09 29 10 00-0123	LF	1/2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.73	1.38
09 29 10 00-0124	LF	5/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.95	1.36
09 29 10 00-0125	LF	3/4" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	10.17	1.38
09 29 10 00-0126	LF	1" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	10.67	1.38
09 29 10 00-0127	LF	1-1/2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	11.50	1.38
09 29 10 00-0128	LF	2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	12.38	1.38
09 29 10 00-0129	LF	3/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.52	1.50
09 29 10 00-0130	LF	1/4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.63	1.50
09 29 10 00-0131	LF	3/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.85	1.50
09 29 10 00-0132	LF	1/2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	10.35	1.50
09 29 10 00-0133	LF	5/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	10.57	1.50
09 29 10 00-0134	LF	3/4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	10.73	1.50
09 29 10 00-0135	LF	1" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	11.28	1.50
09 29 10 00-0136	LF	1-1/2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	12.17	1.50
09 29 10 00-0137	LF	2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	13.05	1.50
09 29 10 00-0138	LF	3" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	15.43	1.50
09 29 10 00-0139	LF	4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	20.40	1.50
09 29 10 00-0140	LF	1-1/2" x 1" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	18.18	1.63
09 29 10 00-0141	LF	3/4" x 1 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	20.63	1.99
09 29 10 00-0142	LF	1-1/2" x 1-1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	21.34	1.99
09 29 10 00-0143	LF	1/2", Aluminum Extrusions, Double Fin Hanging Track Wall Reveal For Gypsum Board	16.58	1.36
09 29 10 00-0144	LF	1 3/16", Aluminum Extrusions, Double Fin Hanging Track Wall Reveal For Gypsum Board	15.05	1.99
09 29 10 00-0145	LF	1/4" Aluminum Extrusions, Double Fin Wall Covering Joiner For Gypsum Board	10.83	1.36
09 29 10 00-0146		**Special Conditions Reveals For Gypsum Board** *(09 29 10 00-0050)*		
09 29 10 00-0147		**Radius Conditions** *(09 29 10 00-0146)*		
09 29 10 00-0148	EA	8' Long Inside Radius For Gypsum Board Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.	138.08	
09 29 10 00-0149	EA	8' Long Outside Radius For Gypsum Board Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.	138.08	
09 29 10 00-0150	EA	8' Long Circular / Arched Radius For Gypsum Board Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.	138.08	
09 29 10 00-0151		**Knee Brace Kit** *(09 29 10 00-0146)*		
09 29 10 00-0152	EA	46" H, Aluminum Extrusions, Knee Brace Kit For Gypsum Board	293.88	14.38
09 29 10 00-0153		**Wall Bumper Rail** *(09 29 10 00-0146)*		
09 29 10 00-0154	LF	2-1/2" x 5/8", Aluminum Extrusions, Wall Bumper Rail For Gypsum Board	39.12	5.76
09 29 10 00-0155		**Corners For Gypsum Board** *(09 29 10 00-0050)*		
09 29 10 00-0156	LF	1/2"R, Aluminum Extrusions, Outside Corner For Gypsum Board	8.29	1.38
09 29 10 00-0157	LF	5/8"R, Aluminum Extrusions, Outside Corner For Gypsum Board	8.85	1.50
09 29 10 00-0158	LF	3/4"R, Aluminum Extrusions, Outside Corner For Gypsum Board	9.87	1.56
09 29 10 00-0159	LF	1"R, Aluminum Extrusions, Outside Corner For Gypsum Board	11.06	1.63
09 29 10 00-0160	LF	1-1/2" R, Aluminum Extrusions, Outside Corner For Gypsum Board	13.39	1.99
09 29 10 00-0161	LF	2" R, Aluminum Extrusions, Outside Corner For Gypsum Board	15.55	2.24
09 29 10 00-0162	LF	2-1/2" R, Aluminum Extrusions, Outside Corner For Gypsum Board	18.94	2.57
09 29 10 00-0163	LF	3" R, Aluminum Extrusions, Outside Corner For Gypsum Board	23.06	3.00
09 29 10 00-0164	LF	4" R, Aluminum Extrusions, Outside Corner For Gypsum Board	31.74	4.00
09 29 10 00-0165	LF	90 Degree 3/8" Aluminum Extrusions, Hi-Strength Corner For Gypsum Board	8.30	1.33
09 29 10 00-0166	LF	90 Degree 1-1/4" Aluminum Extrusions, Hi-Strength Corner For Gypsum Board	15.52	1.80
09 29 10 00-0167	LF	90 Degree 1-1/4" Aluminum Extrusions, Fabric Tuck Corner For Gypsum Board	10.94	1.80
09 29 10 00-0168	LF	90 Degree 1-1/4" Aluminum Extrusions, Corner With Vertical Reveal For Gypsum Board	20.38	1.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0169	LF	45 Degree 2" Aluminum Extrusions, Corner For Gypsum Board	29.13	2.24
09 29 10 00-0170	LF	60 Degree 2" Aluminum Extrusions, Corner For Gypsum Board	27.92	2.24
09 29 10 00-0171	LF	3/4" Aluminum Extrusions, Chamfered Corner For Gypsum Board	8.05	1.56
09 29 10 00-0172	LF	5/8" R, Aluminum Extrusions, Corners Return For Gypsum Board	8.14	1.50
09 29 10 00-0173	LF	1/2" x 1/2" Aluminum Extrusions, Double Corner Step For Gypsum Board	8.24	1.38
09 29 10 00-0174	LF	5/8" x 5/8" Aluminum Extrusions, Double Corner Step For Gypsum Board	8.63	1.50
09 29 10 00-0175	LF	1" x 1" Aluminum Extrusions, Double Corner Step For Gypsum Board	11.78	1.63
09 29 10 00-0176	LF	1/2" x 1/2" Aluminum Extrusions, Triple Corner Step For Gypsum Board	10.39	1.38
09 29 10 00-0177	LF	5/8" x 5/8" Aluminum Extrusions, Triple Corner Step For Gypsum Board	10.95	1.50
09 29 10 00-0178	LF	1" x 1" Aluminum Extrusions, Triple Corner Step For Gypsum Board	16.31	1.63
09 29 10 00-0179	LF	1/3" x 1/2" Aluminum Extrusions, Quad Corner Step For Gypsum Board	18.12	1.38
09 29 10 00-0180	LF	3" Aluminum Extrusions, Bullnose For Gypsum Board	30.84	3.00
09 29 10 00-0181	LF	3-7/8" Aluminum Extrusions, Bullnose For Gypsum Board	33.05	3.00
09 29 10 00-0182	LF	5-3/8", Aluminum Extrusions, Bullnose For Gypsum Board	61.46	4.99
09 29 10 00-0183	LF	7-3/8", Aluminum Extrusions, Bullnose For Gypsum Board	102.52	7.07
09 29 10 00-0184	LF	3/4" R, Aluminum Extrusions, Inside Corner For Gypsum Board	9.91	1.54
09 29 10 00-0185	LF	1" R, Aluminum Extrusions, Inside Corner For Gypsum Board	11.39	1.61
09 29 10 00-0186	LF	1-1/2" R, Aluminum Extrusions, Inside Corner For Gypsum Board	13.67	1.97
09 29 10 00-0187	LF	2"R, Aluminum Extrusions, Inside Corner For Gypsum Board	16.87	2.21
09 29 10 00-0188	LF	2-1/2" R, Aluminum Extrusions, Inside Corner For Gypsum Board	24.19	2.54
09 29 10 00-0189	LF	3"R, Aluminum Extrusions, Inside Corner For Gypsum Board	26.04	2.95
09 29 10 00-0190	LF	4" R, Aluminum Extrusions, Inside Corner For Gypsum Board	29.31	3.93
09 29 10 00-0191	LF	3-5/8", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	18.42	2.95
09 29 10 00-0192	LF	3-7/8", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	18.69	2.95
09 29 10 00-0193	LF	4-3/4", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	20.46	2.95
09 29 10 00-0194	LF	5", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	21.01	2.95

09 29 82 Gypsum Board Fire Protection *(09 29)*

09 29 82 00-0001 Shaft Wall *(09 29 82)*

See CSI section 09 29 10 00-0034 for finishing drywall.

09 29 82 00-0002	SF	3/4" Fire Rated Shaft Wall Assembly Note: 1/4" thick fiber-cement board with tapered edges over 1/2" thick type "X" gypsum board. Excludes studs or wall structure.	7.43	2.88
		For Horizontal Installation Up To 10' High, Add	*1.96*	
		For Horizontal Installation >10' High, Add	*2.88*	
		For Walls >10' High, Add	*0.46*	
		For Up To 128, Add	*2.64*	
		For >128 To 320, Add	*1.61*	
		For >1,536, Deduct	*-0.54*	
09 29 82 00-0003	SF	7/8" Fire Rated Shaft Wall Assembly Note: 1/4" thick fiber-cement board with tapered edges over 5/8" thick type "X" gypsum board. Excludes studs or wall structure.	8.62	3.45
		For Horizontal Installation Up To 10' High, Add	*2.35*	
		For Horizontal Installation >10' High, Add	*3.46*	
		For Walls >10' High, Add	*0.55*	
		For Up To 128, Add	*3.11*	
		For >128 To 320, Add	*1.90*	
		For >1,536, Deduct	*-0.60*	
09 29 82 00-0004	SF	2-1/2", 25 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.	8.34	2.22
		For Horizontal Installation Up To 10' High, Add	*1.51*	
		For Horizontal Installation >10' High, Add	*2.22*	
		For Walls >10' High, Add	*0.35*	
		For Up To 128, Add	*2.55*	
		For >128 To 320, Add	*1.50*	
		For Glass Mat Surfaces, Add	*0.40*	
09 29 82 00-0005	SF	4", 25 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.	9.00	2.33
		For Horizontal Installation Up To 10' High, Add	*1.58*	
		For Horizontal Installation >10' High, Add	*2.33*	
		For Walls >10' High, Add	*0.37*	
		For Up To 128, Add	*2.73*	
		For >128 To 320, Add	*1.60*	
		For Glass Mat Surfaces, Add	*0.40*	
09 29 82 00-0006	SF	2-1/2", 20 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.	10.16	2.33
		For Horizontal Installation Up To 10' High, Add	*1.58*	
		For Horizontal Installation >10' High, Add	*2.33*	
		For Walls >10' High, Add	*0.37*	
		For Up To 128, Add	*2.96*	
		For >128 To 320, Add	*1.71*	
		For Glass Mat Surfaces, Add	*0.40*	
09 29 82 00-0007	SF	4", 20 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.	10.85	2.44
		For Horizontal Installation Up To 10' High, Add	*1.66*	
		For Horizontal Installation >10' High, Add	*2.44*	
		For Walls >10' High, Add	*0.39*	
		For Up To 128, Add	*3.15*	
		For >128 To 320, Add	*1.82*	
		For Glass Mat Surfaces, Add	*0.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 30 Tiling *(09)*

Note: All tiles are standard grade ANSI 137.1 or higher, mounted and unmounted, cushioned or non-cushioned edge, all tile colors, all grout colors, PEI rating 1 through 4, and include patterns. Glazing shall meet ASTM C484 and C424. Mounted tiles are assembled into sheets to facilitate handling and installation. Perforated paper, fiber mesh, or other suitable bonding material applied to the front, backs or edges of the tile can be used to mount the tiles. Cushioned edge tile has facial edges with a distinct curvature that results in a slightly recessed joint. All floor, wall, ceiling, cove base and trim tile will be installed in accordance with ANSI 108.1 using these setting methods. Includes initial wax and seal.

09 30 13 Ceramic Tiling *(09 30)*

Note: Includes grout and sealing. Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.

09 30 13 00-0001 Ceramic Tiling *(09 30 13)*

09 30 13 00-0002	SF	2" x 2" x 1/4" Thick, Mounted, Unpolished Ceramic Floor Tile	17.96	3.24
		Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets.		
		For >1,000, Deduct	*-0.65*	
		For Up To 50, Add	*9.34*	
		For >50 To 250, Add	*1.29*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.44*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.63*	
09 30 13 00-0003	SF	Less Than 8" x 8", Mounted, Ceramic Floor Tile	12.34	3.24
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.		
		For >1,000, Deduct	*-0.65*	
		For Up To 50, Add	*7.93*	
		For >50 To 250, Add	*1.29*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.44*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.63*	
09 30 13 00-0004	SF	8" x 8" And Larger Unmounted Ceramic Floor Tile	13.96	2.02
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.		
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*9.55*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.87*	
09 30 13 00-0005	SF	2" x 2" x 1/4" Thick, Mounted, Unpolished Ceramic Wall Tile	19.34	3.92
		Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets.		
		For Up To 50, Add	*10.72*	
		For >50 To 250, Add	*1.57*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.65*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.84*	
09 30 13 00-0006	SF	Less than 8" x 8" Mounted Ceramic Wall Tile	13.72	3.92
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.		
		For Up To 50, Add	*9.31*	
		For >50 To 250, Add	*1.57*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.65*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.84*	
09 30 13 00-0007	SF	8" x 8" And Larger Unmounted Ceramic Wall Tile	15.79	2.48
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.		
		For Up To 50, Add	*11.38*	
		For >50 To 250, Add	*1.98*	
		For >1,000, Deduct	*-0.99*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.96*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.15*	
09 30 13 00-0008	SF	Less than 8" x 8" Mounted Ceramic Ceiling Tile	19.46	6.79
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.		
		For High-Modulus, High-Strength Epoxy Grout, Add	*2.51*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.70*	
		For Up To 50, Add	*15.05*	
		For >50 To 250, Add	*2.72*	
		For >1,000, Deduct	*-1.36*	
09 30 13 00-0009	SF	8" x 8" And Larger Unmounted Ceramic Ceiling Tile	22.18	4.07
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.		
		For High-Modulus, High-Strength Epoxy Grout, Add	*2.92*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*3.11*	
		For Up To 50, Add	*17.77*	
		For >50 To 250, Add	*3.26*	
		For >1,000, Deduct	*-1.63*	
09 30 13 00-0010	LF	4-1/4" To 4-1/2" High, Ceramic Cove Base Or Trim	12.78	2.82
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.		
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.94*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.03*	
09 30 13 00-0011	LF	6" High x 12" Long, Unpolished Ceramic Cove Base (Daltile Portfolio)	21.51	2.82
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.94*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.03*	
09 30 13 00-0012	LF	6" High x 24" Long, Unpolished Ceramic Cove Base (Daltile Portfolio)	24.29	2.82
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.94*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.03*	
09 30 13 00-0013	EA	6" High, Unpolished Ceramic Cove Base Outer Corner	19.60	0.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 13 00-0014		Residential Ceramic Tiling *(09 30 13)*		
09 30 13 00-0015	SF	Mounted Ceramic Floor Tile, Residential Grade	10.17	3.24
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.		
		For >1,000, Deduct	*-0.65*	
		For Up To 50, Add	*7.39*	
		For >50 To 250, Add	*1.29*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.44*	
09 30 13 00-0016	SF	Mounted Ceramic Wall Tile, Residential Grade	11.55	3.92
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.		
		For Up To 50, Add	*8.77*	
		For >50 To 250, Add	*1.57*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.65*	
09 30 13 00-0017	SF	2" x 2" x 1/4" Thick, Unpolished Ceramic Mounted Floor Tile, Residential Grade	12.57	3.24
		Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets.		
		For >1,000, Deduct	*-0.65*	
		For Up To 50, Add	*7.99*	
		For >50 To 250, Add	*1.29*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.44*	
09 30 16		**Quarry Tiling** *(09 30)*		
		Note: Includes grout and sealing. Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.		
09 30 16 00-0001	SF	Unglazed Quarry Floor Tile	13.39	2.28
		Note: With or without embedded abrasive grit.		
		For >1,000, Deduct	*-0.91*	
		For Up To 50, Add	*10.14*	
		For >50 To 250, Add	*1.81*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.83*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.02*	
09 30 16 00-0002	SF	Glazed Quarry Floor Tile	27.12	2.28
		For >1,000, Deduct	*-0.91*	
		For Up To 50, Add	*13.57*	
		For >50 To 250, Add	*1.81*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.83*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.02*	
09 30 16 00-0003	SF	Unglazed Quarry Wall Tile	15.20	2.69
		Note: With or without embedded abrasive grit.		
		For Up To 50, Add	*11.95*	
		For >50 To 250, Add	*2.17*	
		For >1,000, Deduct	*-1.09*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*2.10*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.29*	
09 30 16 00-0004	SF	Glazed Quarry Wall Tile	28.93	2.69
		For Up To 50, Add	*15.38*	
		For >50 To 250, Add	*2.17*	
		For >1,000, Deduct	*-1.09*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*2.10*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.29*	
09 30 16 00-0005	LF	6" High Unglazed Quarry Tile Cove Base Or Trim	18.84	2.99
		For High-Modulus, High-Strength Epoxy Grout, Add	*2.03*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.12*	
09 30 16 00-0006	LF	6" High Glazed Quarry Tile Cove Base Or Trim	41.35	2.99
		For High-Modulus, High-Strength Epoxy Grout, Add	*2.03*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.12*	
09 30 33		**Stone Tiling** *(09 30)*		
		Note: Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.		
09 30 33 00-0001		Marble Floor Tile *(09 30 33)*		
09 30 33 00-0002	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Cherry Blossom"	12.09	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*9.08*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0003	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Laurent Brown"	12.46	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*9.18*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0004	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Temple Gray"	12.66	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*9.23*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0005	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Emperador Cafe"	12.75	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*9.25*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0006	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "China Black"	12.80	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*9.26*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0007	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Sea Grass Honed"	12.89	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*9.28*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0008	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Gris Magma or Gris Nebula"	13.09	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*9.33*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0009	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Dark Green"	14.39	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*9.66*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0010	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Cappuccino Light"	14.54	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*9.70*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0011	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Botticino Cream"	14.81	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*9.76*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0012	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Crema Marfil Classic"	15.11	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*9.84*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0013	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Arabescato Carrara"	15.32	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*9.89*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0014	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Giallo Crystal Onyx"	16.04	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*10.07*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0015	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Cafe Forest or Rain Forest"	17.38	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*10.41*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0016	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Arabescato"	17.47	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*10.43*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0017	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Carrara White"	18.47	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*10.68*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0018	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Crema Marfil Select Or Sahara Gold"	18.81	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*10.76*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0019	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Botticino Fiorito Or Michelangelo"	18.96	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*10.80*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0020	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Crema Marfil Antique"	19.19	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*10.86*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0021	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Emperador Dark Or Super Thassos Glass"	21.05	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*11.32*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0022	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Rosa Verona"	22.11	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*11.59*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0023	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Rojo Alicante"	22.39	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*11.66*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0024	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Emperador Light"	22.54	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*11.70*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0025		**Granite Floor Tile** *(09 30 33)*		
09 30 33 00-0026	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Crystal Gray"	11.09	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*8.83*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0027	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Peach Flower"	11.80	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*9.01*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0028	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Golden Yellow"	12.37	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*9.15*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0029	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Absolute Black"	14.66	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*9.73*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0030	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Tan Brown"	15.11	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*9.84*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0031	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Black Galaxy"	15.52	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*9.94*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0032	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Kashmir White Or Gold"	15.95	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*10.05*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0033	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Giallo Santa Cecelia"	16.47	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*10.18*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0034	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Verde UbaTuba"	16.95	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*10.30*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0035	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "New Venetian Gold"	17.47	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*10.43*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0036	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Tropic Brown"	17.96	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*10.55*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0037	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Baltic Brown Or Indian Dakota"	18.53	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*10.69*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0038	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Dynamic Blue"	19.10	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*10.84*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0039	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Blue Pearl Or Emerald Pearl"	21.10	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*11.34*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0040		**Slate Floor Tile** *(09 30 33)*		
09 30 33 00-0041	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Raja Classic"	10.23	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*8.62*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0042	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Rustic Gold"	10.60	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*8.71*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0043	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "California Gold Or Black Rust"	10.80	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*8.76*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0044	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Indian Autumn"	10.80	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*8.76*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0045	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "China Multi, Earth, Or Autumn Blend"	10.94	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*8.80*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0046	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Lilac Kashmir Or Madras Yellow"	11.37	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*8.90*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0047	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Montauk Blue, Copper Quartzite, Montauk Black, San Rio Rustic, Or Gold Green Quartzite"	11.80	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*9.01*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0048	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Ocean Green Quartzite Or Golden White Quartzite"	11.94	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*9.05*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	

09 30 33 00-0049 Travertine Floor Tile *(09 30 33)*

09 30 33 00-0050	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Noce Rustic"	11.80	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*9.01*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0051	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Denizli Beige Or Oasis Walnut"	12.23	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*9.12*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0052	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Oasis Gold"	12.52	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*9.19*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0053	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Navona Light - Ivory"	12.95	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*9.30*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0054	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Oasis Noce"	13.09	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*9.33*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0055	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Durango Antique"	13.23	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*9.37*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0056	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Durango Cream"	14.61	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*9.71*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	

09 30 33 00-0057 Limestone Floor Tile *(09 30 33)*

09 30 33 00-0058	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Isis Gold"	14.52	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*9.69*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0059	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Tiara Beige"	14.95	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*9.80*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0060	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Halila Cream"	17.18	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*10.36*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0061	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Ramon Gold"	18.53	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*10.69*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0062	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Chestnut Brown Or Jersusalem Bone"	18.53	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*10.69*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0063	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Lagos Blue"	18.96	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*10.80*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0064	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Jura Gray"	20.53	2.02
		For >1,000, Deduct	*-0.81*	
		For Up To 50, Add	*11.19*	
		For >50 To 250, Add	*1.62*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.68*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	

09 31 Thin-Set Tiling *(09 30)*

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 31 13 Thin-Set Ceramic Tiling *(09 31)*

09 31 13 00-0001 Thin-Set Ceramic Tiling *(09 31 13)*

09 31 13 00-0002	SF	Thin Set - Latex Portland Cement Mortar	1.87	1.07
		For Up To 50, Add	*1.68*	
		For >50 To 250, Add	*0.32*	
		For >1,000, Deduct	*-0.16*	
09 31 13 00-0003	SF	Clean And Scarify Existing Tile For Installation Of New Tile Over Existing	1.03	
		For Up To 50, Add	*1.03*	
		For >50 To 250, Add	*0.21*	
		For >1,000, Deduct	*-0.10*	

09 32 Mortar-Bed Tiling *(09 30)*

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 32 13 Mortar-Bed Ceramic Tiling *(09 32)*

09 32 13 00-0001 Mortar-Bed Ceramic Tiling *(09 32 13)*

09 32 13 00-0002	SF	3/4" Minimum Thickness Portland Cement Mortar Setting Bed Note: For residential floors. Includes 15 Lb. felt and wire reinforcement.	4.78	2.15
		For Up To 50, Add	*3.62*	
		For >50 To 250, Add	*0.65*	
		For >1,000, Deduct	*-0.32*	
		For Exterior Installation (Galvanized Reinforcement), Add	*0.15*	
09 32 13 00-0003	SF	1-1/4" Minimum Thickness Portland Cement Mortar Setting Bed Note: For commercial floors. Includes 15 Lb. felt and wire reinforcement.	6.80	2.88
		For Up To 50, Add	*4.93*	
		For >50 To 250, Add	*0.86*	
		For >1,000, Deduct	*-0.43*	
		For Exterior Installation (Galvanized Reinforcement), Add	*0.15*	
09 32 13 00-0004	SF	3/4" Portland Cement Plaster Scratch Coat for Walls Note: Includes 15 Lb. felt and expanded metal lath.	15.38	6.46
		For Up To 50, Add	*13.54*	
		For >50 To 250, Add	*2.59*	
		For >1,000, Deduct	*-1.29*	
		For Exterior Installation (Galvanized Reinforcement), Add	*0.15*	
		For Installation Without Felt And Metal Lath, Deduct	*-2.26*	

09 34 Waterproofing-Membrane Tiling *(09 30)*

09 34 00 00-0001 Bonded Waterproofing System for Tiled Showers, Steam Showers, and Bathtub Surrounds *(09 34)*

09 34 00 00-0002 Prefabricated Assemblies For Tiled Showers (Schluter® KERDI Shower ST) *(09 34 00 00-0001)*

Note: For creating a watertight sloped shower assembly without a mortar bed. Includes a prefabricated polystyrene foam shower tray, 6" x 4-1/2" prefabricated polystyrene foam shower curb, waterproofing membrane for shower tray and surround, and center shower drain. Excludes tile, mortar, grout and shower accessories.

09 34 00 00-0003	EA	48" x 48", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	1,475.37
09 34 00 00-0004	EA	32" x 60", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	1,712.51
09 34 00 00-0005	EA	72" x 72", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	2,540.25

09 34 00 00-0006 Prefabricated Polystyrene Shower Curbs And Ramps *(09 34 00 00-0001)*

Note: Prefabricated shower curbs and ramps for tiling over. Excludes tile.

09 34 00 00-0007	EA	15-7/8" Width, 48" Length, Prefabricated Polystyrene Shower Ramp (Schluter® SR-122)	178.97
09 34 00 00-0008	EA	4-1/2" Width, 6" Height, 48" Length, Prefabricated Polystyrene Shower Curb (Schluter® SC-122)	171.12

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 34 00 00-0009		**Prefabricated Polystyrene Shower Benches** *(09 34 00 00-0001)* Note: Prefabricated shower bench for tiling over. Excludes tile.		
09 34 00 00-0010	EA	16" Width, 16" Depth, 20" Height, Triangular Prefabricated Polystyrene Shower Bench (Schluter® SB41)	370.58	
09 34 00 00-0011	EA	32" Width, 16" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB4181)	745.23	
09 34 00 00-0012	EA	48" Width, 16" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB41122)	920.06	
09 34 00 00-0013	EA	32" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB2981)	670.30	
09 34 00 00-0014	EA	42" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB29107)	745.23	
09 34 00 00-0015	EA	48" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB29122)	795.18	
09 34 00 00-0016		**Prefabricated Polystyrene Shower Tray** *(09 34 00 00-0001)* Note: Prefabricated shower tray for tiling over. Excludes tile.		
09 34 00 00-0017	EA	32" x 60", Prefabricated Polystyrene Shower Tray (Schluter® ST-81/152)	316.34	
09 34 00 00-0018	EA	48" x 48", Prefabricated Polystyrene Shower Tray (Schluter® ST-122)	316.34	
09 34 00 00-0019	EA	72" x 72", Prefabricated Polystyrene Shower Tray (Schluter® ST-183)	491.18	
09 34 00 00-0020		**Waterproofing, Uncoupling And Vapor Management Membranes (Schluter® DITRA)** *(09 34 00 00-0001)*		
09 34 00 00-0021	SF	1/8" Thick, High-Density Polyethylene (HDPE) Membrane With Grid Structure And Underside Anchoring Fleece, Waterproofing, Uncoupling And Vapor Management Membrane (Schluter® DITRA)	5.49	
09 34 00 00-0022	SF	5/16" Thick, High-Density Polyethylene (HDPE) Membrane With Grid Structure And Underside Anchoring Fleece, Waterproofing, Uncoupling And Vapor Management Membrane (Schluter® DITRA-XL)	6.35	
09 34 00 00-0023		**Bonded Waterproof Underlayment Membranes (Schluter® KERDI)** *(09 34 00 00-0001)*		
09 34 00 00-0024	SF	0.008" Polyethylene Membrane With Polypropylene Fleece Laminated On Both Sides, Bonded Waterproof Underlayment Membrane (Schluter® KERDI 200/5M)	4.81	

09 35 Chemical-Resistant Tiling *(09 30)*

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 35 13 Chemical-Resistant Ceramic Tiling *(09 35)*

09 35 13 00-0001		**Chemical-Resistant Ceramic Tiling** *(09 35 13)*		
09 35 13 00-0002	SF	Thin Set - Epoxy Mortar Note: Impact and chemical resistant.	6.33	1.42
		For Up To 50, Add	*3.20*	
		For >50 To 250, Add	*0.43*	
		For >1,000, Deduct	*-0.22*	

09 39 Tiling Transitions *(09 30)*

09 39 00 00-0001		**Tile Waterproofing And Crack Prevention** *(09 39)*		
09 39 00 00-0002	CSF	30 Mil Waterproofing And Crack Prevention Membrane (RedGard®)	138.74	
09 39 00 00-0003		**Waterproof Strip Membranes (Schluter® KERDI)** *(09 39)*		
09 39 00 00-0004	LF	5" Wide, 4 mil Polyethylene Waterproof Strip Membrane (Schluter® KERDI BAND)	5.85	
09 39 00 00-0005	LF	10" Wide, 12 mil Polyethylene Waterproof Strip Membrane (Schluter® KERDI FLEX)	12.50	
09 39 00 00-0006		**Coved Shaped Transition Profiles For Floor To Wall For Tile** *(09 39)*		
09 39 00 00-0007	LF	5/16" Height, Satin Anodized Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-AHK)	8.20	
09 39 00 00-0008	LF	3/8" Height, Satin Anodized Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-AHK)	8.18	
09 39 00 00-0009	LF	1/2" Height, Satin Anodized Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-AHK)	8.49	
09 39 00 00-0010	LF	5/16" Height, PVC Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-PHK)	7.79	
09 39 00 00-0011	LF	3/8" Height, Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-PHK)	8.11	
09 39 00 00-0012		**Coved Shaped Inside Edge Protection And Transition Profiles For Wall To Wall For Tile** *(09 39)*		
09 39 00 00-0013	LF	9/32" x 9/32" Height, Stainless Steel Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-EHK)	17.01	
09 39 00 00-0014	LF	11/32" x 11/32" Height, Stainless Steel Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-EHK)	17.50	
09 39 00 00-0015	LF	7/16" x 7/16" Height, Stainless Steel Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-EHK)	18.04	
09 39 00 00-0016		**Tile Substrate (Schluter® KERDI BOARD)** *(09 39)*		
09 39 00 00-0017	SF	1/2" Tile Substrate And Building Panel (Schluter® KERDI BOARD)	9.76	0.81
09 39 00 00-0018	SF	5/8" Tile Substrate And Building Panel (Schluter® KERDI BOARD)	11.00	0.92
09 39 00 00-0019		**Floor Edge Protection And Transition Profiles For Tile** *(09 39)*		
09 39 00 00-0020	LF	1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	4.24	
09 39 00 00-0021	LF	5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	4.36	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 39 00 00-0022	LF	3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	4.50	
09 39 00 00-0023	LF	1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	4.73	
09 39 00 00-0024	LF	1/4" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	5.65	
09 39 00 00-0025	LF	5/16" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	5.83	
09 39 00 00-0026	LF	3/8" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	5.96	
09 39 00 00-0027	LF	1/2" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	6.11	
09 39 00 00-0028	LF	9/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-T)	4.45	
09 39 00 00-0029	LF	1" Height, Aluminum Transition Trim For Tile (Schluter® RENO-T)	6.11	
09 39 00 00-0030	LF	1/4" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	5.68	
09 39 00 00-0031	LF	5/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	5.98	
09 39 00 00-0032	LF	3/8" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	6.27	
09 39 00 00-0033	LF	1/2" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	7.60	
09 39 00 00-0034	LF	5/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U)	5.88	
09 39 00 00-0035	LF	3/8" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U)	6.17	
09 39 00 00-0036	LF	1/2" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U)	7.51	

09 39 00 00-0037 Outside Wall Edge Protection And Transition Profiles For Tile *(09 39)*

09 39 00 00-0038	LF	1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC)	5.85	
09 39 00 00-0039	LF	5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC)	6.16	
09 39 00 00-0040	LF	3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC)	6.62	
09 39 00 00-0041	LF	1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC)	7.09	
09 39 00 00-0042	LF	1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC)	6.48	
09 39 00 00-0043	LF	5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC)	7.07	
09 39 00 00-0044	LF	3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC)	7.66	
09 39 00 00-0045	LF	1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC)	8.70	

09 50 Ceilings *(09)*

Note: Includes cutting for area around columns, speakers, sprinklers, diffusers, etc.

09 51 Acoustical Ceilings *(09 50)*

Note: Excludes suspension system. See CSI section 09 53 00 00-0000 for suspension systems.

09 51 13 Acoustical Panel Ceilings *(09 51)*

Note: Includes cutting around sprinkler heads, speakers, or other penetrations through the ceiling.

09 51 13 00-0001 Fiberglass Panels *(09 51 13)*

09 51 13 00-0002 Fiberglass Acoustical Panels *(09 51 13 00-0001)*

Note: Includes square or tegular edge and class A fire rating.

09 51 13 00-0003	SF	2' x 2' x 3/4" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima®)	10.54	0.46
		For Up To 50, Add	*2.18*	
		For >50 To 200, Add	*1.35*	
		For >200 To 500, Add	*0.60*	
		For >2,500 To 4,000, Deduct	*-0.26*	
		For >4,000 To 5,000, Deduct	*-0.53*	
		For >5,000, Deduct	*-0.83*	
		For Individual Room Quantities <495, Add	*1.35*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0004	SF	2' x 4' x 3/4" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima®)	10.47	0.46
		For Up To 50, Add	*2.17*	
		For >50 To 200, Add	*1.35*	
		For >200 To 500, Add	*0.60*	
		For >2,500 To 4,000, Deduct	*-0.26*	
		For >4,000 To 5,000, Deduct	*-0.52*	
		For >5,000, Deduct	*-0.82*	
		For Individual Room Quantities <495, Add	*1.35*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0005	SF	2' x 2' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima®)	11.13	0.57
		For Up To 50, Add	*2.31*	
		For >50 To 200, Add	*1.44*	
		For >200 To 500, Add	*0.64*	
		For >2,500 To 4,000, Deduct	*-0.28*	
		For >4,000 To 5,000, Deduct	*-0.56*	
		For >5,000, Deduct	*-0.88*	
		For Individual Room Quantities <495, Add	*1.44*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0006	SF	2' x 4' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima®)	11.25	0.57
		For Up To 50, Add	*2.33*	
		For >50 To 200, Add	*1.45*	
		For >200 To 500, Add	*0.64*	
		For >2,500 To 4,000, Deduct	*-0.28*	
		For >4,000 To 5,000, Deduct	*-0.56*	
		For >5,000, Deduct	*-0.88*	
		For Individual Room Quantities <495, Add	*1.45*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Ceilings >10' High, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0007	SF	2' x 2' x 1" Thick, Square or Beveled Tegular Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima® 3352, 3354, and 3355)	11.58	0.57
		For Up To 50, Add	*2.38*	
		For >50 To 200, Add	*1.48*	
		For >200 To 500, Add	*0.66*	
		For >2,500 To 4,000, Deduct	*-0.29*	
		For >4,000 To 5,000, Deduct	*-0.58*	
		For >5,000, Deduct	*-0.91*	
		For Individual Room Quantities <495, Add	*1.48*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0008	SF	2' x 4' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima® 3353)	11.56	0.57
		For Up To 50, Add	*2.38*	
		For >50 To 200, Add	*1.48*	
		For >200 To 500, Add	*0.66*	
		For >2,500 To 4,000, Deduct	*-0.29*	
		For >4,000 To 5,000, Deduct	*-0.58*	
		For >5,000, Deduct	*-0.91*	
		For Individual Room Quantities <495, Add	*1.48*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0009	SF	2' x 2' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Lyra™)	12.08	0.57
		For Up To 50, Add	*2.46*	
		For >50 To 200, Add	*1.53*	
		For >200 To 500, Add	*0.68*	
		For >2,500 To 4,000, Deduct	*-0.30*	
		For >4,000 To 5,000, Deduct	*-0.60*	
		For >5,000, Deduct	*-0.95*	
		For Individual Room Quantities <495, Add	*1.53*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0010	SF	2' x 4' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Lyra™)	12.06	0.57
		For Up To 50, Add	*2.45*	
		For >50 To 200, Add	*1.53*	
		For >200 To 500, Add	*0.68*	
		For >2,500 To 4,000, Deduct	*-0.30*	
		For >4,000 To 5,000, Deduct	*-0.60*	
		For >5,000, Deduct	*-0.94*	
		For Individual Room Quantities <495, Add	*1.53*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0011		Mineral Fiber Panels *(09 51 13)*		
09 51 13 00-0012		Mineral Fiber Acoustical Ceiling Panels *(09 51 13 00-0011)*		
		Note: Includes square or tegular edge and class A fire rating.		
09 51 13 00-0013	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Random Textured)	2.29	0.46
		For Up To 50, Add	*0.94*	
		For >50 To 200, Add	*0.53*	
		For >200 To 500, Add	*0.19*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.11*	
		For >5,000, Deduct	*-0.21*	
		For Individual Room Quantities <495, Add	*0.53*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0014	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Random Textured)	2.26	0.69
		For Up To 50, Add	*0.94*	
		For >50 To 200, Add	*0.53*	
		For >200 To 500, Add	*0.19*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.11*	
		For >5,000, Deduct	*-0.21*	
		For Individual Room Quantities <495, Add	*0.53*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0015	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega)	2.70	0.46
		For Up To 50, Add	*1.01*	
		For >50 To 200, Add	*0.57*	
		For >200 To 500, Add	*0.21*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.24*	
		For Individual Room Quantities <495, Add	*0.57*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0016	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega)	2.68	0.69
		For Up To 50, Add	*1.00*	
		For >50 To 200, Add	*0.57*	
		For >200 To 500, Add	*0.21*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.13*	
		For >5,000, Deduct	*-0.24*	
		For Individual Room Quantities <495, Add	*0.57*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0017	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega)	2.97	0.46
		For Up To 50, Add	*1.05*	
		For >50 To 200, Add	*0.60*	
		For >200 To 500, Add	*0.22*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.15*	
		For >5,000, Deduct	*-0.26*	
		For Individual Room Quantities <495, Add	*0.60*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0018	SF	2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega)	2.97	0.46
		For Up To 50, Add	*1.05*	
		For >50 To 200, Add	*0.60*	
		For >200 To 500, Add	*0.22*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.15*	
		For >5,000, Deduct	*-0.26*	
		For Individual Room Quantities <495, Add	*0.60*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0019	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega Fire Guard)	3.19	0.69
		For Up To 50, Add	*1.08*	
		For >50 To 200, Add	*0.62*	
		For >200 To 500, Add	*0.23*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.28*	
		For Individual Room Quantities <495, Add	*0.62*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0020	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega Fire Guard)	3.20	0.69
		For Up To 50, Add	*1.08*	
		For >50 To 200, Add	*0.62*	
		For >200 To 500, Add	*0.24*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.28*	
		For Individual Room Quantities <495, Add	*0.62*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0021	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega Fire Guard)	3.48	0.69
		For Up To 50, Add	*1.12*	
		For >50 To 200, Add	*0.65*	
		For >200 To 500, Add	*0.25*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.17*	
		For >5,000, Deduct	*-0.30*	
		For Individual Room Quantities <495, Add	*0.65*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0022	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Designer)	2.95	0.46
		For Up To 50, Add	*1.04*	
		For >50 To 200, Add	*0.60*	
		For >200 To 500, Add	*0.22*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.15*	
		For >5,000, Deduct	*-0.26*	
		For Individual Room Quantities <495, Add	*0.60*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0023	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Designer)	2.94	0.69
		For Up To 50, Add	*1.04*	
		For >50 To 200, Add	*0.59*	
		For >200 To 500, Add	*0.22*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.15*	
		For >5,000, Deduct	*-0.26*	
		For Individual Room Quantities <495, Add	*0.59*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0024	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Designer)	3.38	0.46
		For Up To 50, Add	*1.11*	
		For >50 To 200, Add	*0.64*	
		For >200 To 500, Add	*0.24*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.17*	
		For >5,000, Deduct	*-0.29*	
		For Individual Room Quantities <495, Add	*0.64*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0025	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fissured)	2.70	0.46
		For Up To 50, Add	*1.01*	
		For >50 To 200, Add	*0.57*	
		For >200 To 500, Add	*0.21*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.24*	
		For Individual Room Quantities <495, Add	*0.57*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0026	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fissured)	2.68	0.46
		For Up To 50, Add	*1.00*	
		For >50 To 200, Add	*0.57*	
		For >200 To 500, Add	*0.21*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.13*	
		For >5,000, Deduct	*-0.24*	
		For Individual Room Quantities <495, Add	*0.57*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0027	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fissured)	2.97	0.46
		For Up To 50, Add	*1.05*	
		For >50 To 200, Add	*0.60*	
		For >200 To 500, Add	*0.22*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.15*	
		For >5,000, Deduct	*-0.26*	
		For Individual Room Quantities <495, Add	*0.60*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0028	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	2.72	0.46
		For Up To 50, Add	*1.01*	
		For >50 To 200, Add	*0.57*	
		For >200 To 500, Add	*0.21*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.24*	
		For Individual Room Quantities <495, Add	*0.57*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0029	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	2.71	0.46
		For Up To 50, Add	*1.01*	
		For >50 To 200, Add	*0.57*	
		For >200 To 500, Add	*0.21*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.24*	
		For Individual Room Quantities <495, Add	*0.57*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0030	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	3.12	0.46
		For Up To 50, Add	*1.07*	
		For >50 To 200, Add	*0.61*	
		For >200 To 500, Add	*0.23*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.27*	
		For Individual Room Quantities <495, Add	*0.61*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0031	SF	2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	3.12	0.46
		For Up To 50, Add	*1.07*	
		For >50 To 200, Add	*0.61*	
		For >200 To 500, Add	*0.23*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.27*	
		For Individual Room Quantities <495, Add	*0.61*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0032	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	3.28	0.46
		For Up To 50, Add	*1.09*	
		For >50 To 200, Add	*0.63*	
		For >200 To 500, Add	*0.24*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.28*	
		For Individual Room Quantities <495, Add	*0.63*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0033	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	3.85	0.46
		For Up To 50, Add	*1.18*	
		For >50 To 200, Add	*0.69*	
		For >200 To 500, Add	*0.27*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.19*	
		For >5,000, Deduct	*-0.33*	
		For Individual Room Quantities <495, Add	*0.69*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0034	SF	2' x 2' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	3.19	0.46
		For Up To 50, Add	*1.08*	
		For >50 To 200, Add	*0.62*	
		For >200 To 500, Add	*0.23*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.28*	
		For Individual Room Quantities <495, Add	*0.62*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0035	SF	2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	3.87	0.46
		For Up To 50, Add	*1.18*	
		For >50 To 200, Add	*0.69*	
		For >200 To 500, Add	*0.27*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.19*	
		For >5,000, Deduct	*-0.33*	
		For Individual Room Quantities <495, Add	*0.69*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0036	SF	30" x 60"' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	3.00	0.46
		For Up To 50, Add	*1.05*	
		For >50 To 200, Add	*0.60*	
		For >200 To 500, Add	*0.23*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.15*	
		For >5,000, Deduct	*-0.26*	
		For Individual Room Quantities <495, Add	*0.60*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0037	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured Fire Guard)	3.28	0.69
		For Up To 50, Add	*1.09*	
		For >50 To 200, Add	*0.63*	
		For >200 To 500, Add	*0.24*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.28*	
		For Individual Room Quantities <495, Add	*0.63*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0038	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured Fire Guard)	3.22	0.69
		For Up To 50, Add	*1.08*	
		For >50 To 200, Add	*0.62*	
		For >200 To 500, Add	*0.24*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.28*	
		For Individual Room Quantities <495, Add	*0.62*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0039	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured Fire Guard)	3.62	0.69
		For Up To 50, Add	*1.14*	
		For >50 To 200, Add	*0.66*	
		For >200 To 500, Add	*0.26*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.18*	
		For >5,000, Deduct	*-0.31*	
		For Individual Room Quantities <495, Add	*0.66*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0040	SF	2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured Fire Guard)	3.62	0.69
		For Up To 50, Add	*1.14*	
		For >50 To 200, Add	*0.66*	
		For >200 To 500, Add	*0.26*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.18*	
		For >5,000, Deduct	*-0.31*	
		For Individual Room Quantities <495, Add	*0.66*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0041	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ceramaguard Fine Fissured)	8.62	0.81
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0042	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™)	3.45	0.46
		For Up To 50, Add	*1.12*	
		For >50 To 200, Add	*0.65*	
		For >200 To 500, Add	*0.25*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.17*	
		For >5,000, Deduct	*-0.30*	
		For Individual Room Quantities <495, Add	*0.65*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0043	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™)	3.44	0.46
		For Up To 50, Add	*1.12*	
		For >50 To 200, Add	*0.64*	
		For >200 To 500, Add	*0.25*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.17*	
		For >5,000, Deduct	*-0.30*	
		For Individual Room Quantities <495, Add	*0.64*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0044	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™)	4.04	0.46
		For Up To 50, Add	*1.21*	
		For >50 To 200, Add	*0.70*	
		For >200 To 500, Add	*0.28*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.20*	
		For >5,000, Deduct	*-0.34*	
		For Individual Room Quantities <495, Add	*0.70*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0045	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™)	3.69	0.46
		For Up To 50, Add	*1.15*	
		For >50 To 200, Add	*0.67*	
		For >200 To 500, Add	*0.26*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.18*	
		For >5,000, Deduct	*-0.31*	
		For Individual Room Quantities <495, Add	*0.67*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0046	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune)	3.64	0.46
		For Up To 50, Add	*1.15*	
		For >50 To 200, Add	*0.66*	
		For >200 To 500, Add	*0.26*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.18*	
		For >5,000, Deduct	*-0.31*	
		For Individual Room Quantities <495, Add	*0.66*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0047	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune)	3.64	0.46
		For Up To 50, Add	*1.15*	
		For >50 To 200, Add	*0.66*	
		For >200 To 500, Add	*0.26*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.18*	
		For >5,000, Deduct	*-0.31*	
		For Individual Room Quantities <495, Add	*0.66*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0048	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune)	3.83	0.46
		For Up To 50, Add	*1.17*	
		For >50 To 200, Add	*0.68*	
		For >200 To 500, Add	*0.27*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.19*	
		For >5,000, Deduct	*-0.32*	
		For Individual Room Quantities <495, Add	*0.68*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0049	SF	2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune)	3.98	0.46
		For Up To 50, Add	*1.20*	
		For >50 To 200, Add	*0.70*	
		For >200 To 500, Add	*0.27*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.20*	
		For >5,000, Deduct	*-0.34*	
		For Individual Room Quantities <495, Add	*0.70*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0050	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune Fire Guard)	4.19	0.46
		For Up To 50, Add	*1.23*	
		For >50 To 200, Add	*0.72*	
		For >200 To 500, Add	*0.28*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.21*	
		For >5,000, Deduct	*-0.35*	
		For Individual Room Quantities <495, Add	*0.72*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0051	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune Fire Guard)	4.16	0.46
		For Up To 50, Add	*1.22*	
		For >50 To 200, Add	*0.72*	
		For >200 To 500, Add	*0.28*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.21*	
		For >5,000, Deduct	*-0.35*	
		For Individual Room Quantities <495, Add	*0.72*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0052	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Mesa)	4.04	0.69
		For Up To 50, Add	*1.21*	
		For >50 To 200, Add	*0.70*	
		For >200 To 500, Add	*0.28*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.20*	
		For >5,000, Deduct	*-0.34*	
		For Individual Room Quantities <495, Add	*0.70*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0053	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Mesa)	4.04	0.69
		For Up To 50, Add	*1.21*	
		For >50 To 200, Add	*0.70*	
		For >200 To 500, Add	*0.28*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.20*	
		For >5,000, Deduct	*-0.34*	
		For Individual Room Quantities <495, Add	*0.70*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0054	SF	2' x 2' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Mesa)	4.37	0.46
		For Up To 50, Add	*1.26*	
		For >50 To 200, Add	*0.74*	
		For >200 To 500, Add	*0.29*	
		For >2,500 To 4,000, Deduct	*-0.11*	
		For >4,000 To 5,000, Deduct	*-0.22*	
		For >5,000, Deduct	*-0.37*	
		For Individual Room Quantities <495, Add	*0.74*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0055	SF	2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Mesa)	4.27	0.46
		For Up To 50, Add	*1.24*	
		For >50 To 200, Add	*0.73*	
		For >200 To 500, Add	*0.29*	
		For >2,500 To 4,000, Deduct	*-0.11*	
		For >4,000 To 5,000, Deduct	*-0.21*	
		For >5,000, Deduct	*-0.36*	
		For Individual Room Quantities <495, Add	*0.73*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0056	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus)	5.24	0.69
		For Up To 50, Add	*1.39*	
		For >50 To 200, Add	*0.82*	
		For >200 To 500, Add	*0.34*	
		For >2,500 To 4,000, Deduct	*-0.13*	
		For >4,000 To 5,000, Deduct	*-0.26*	
		For >5,000, Deduct	*-0.43*	
		For Individual Room Quantities <495, Add	*0.82*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0057	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus)	5.20	0.69
		For Up To 50, Add	*1.38*	
		For >50 To 200, Add	*0.82*	
		For >200 To 500, Add	*0.34*	
		For >2,500 To 4,000, Deduct	*-0.13*	
		For >4,000 To 5,000, Deduct	*-0.26*	
		For >5,000, Deduct	*-0.43*	
		For Individual Room Quantities <495, Add	*0.82*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0058	SF	2' x 2' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus)	5.24	0.69
		For Up To 50, Add	*1.39*	
		For >50 To 200, Add	*0.82*	
		For >200 To 500, Add	*0.34*	
		For >2,500 To 4,000, Deduct	*-0.13*	
		For >4,000 To 5,000, Deduct	*-0.26*	
		For >5,000, Deduct	*-0.43*	
		For Individual Room Quantities <495, Add	*0.82*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0059	SF	2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus)	5.20	0.69
		For Up To 50, Add	*1.38*	
		For >50 To 200, Add	*0.82*	
		For >200 To 500, Add	*0.34*	
		For >2,500 To 4,000, Deduct	*-0.13*	
		For >4,000 To 5,000, Deduct	*-0.26*	
		For >5,000, Deduct	*-0.43*	
		For Individual Room Quantities <495, Add	*0.82*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0060	SF	2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus Second Look)	5.74	0.46
		For Up To 50, Add	*1.46*	
		For >50 To 200, Add	*0.87*	
		For >200 To 500, Add	*0.36*	
		For >2,500 To 4,000, Deduct	*-0.14*	
		For >4,000 To 5,000, Deduct	*-0.29*	
		For >5,000, Deduct	*-0.47*	
		For Individual Room Quantities <495, Add	*0.87*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0061	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Tundra)	5.70	0.69
		For Up To 50, Add	*1.46*	
		For >50 To 200, Add	*0.87*	
		For >200 To 500, Add	*0.36*	
		For >2,500 To 4,000, Deduct	*-0.14*	
		For >4,000 To 5,000, Deduct	*-0.29*	
		For >5,000, Deduct	*-0.47*	
		For Individual Room Quantities <495, Add	*0.87*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0062	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Tundra)	5.69	0.69
		For Up To 50, Add	*1.45*	
		For >50 To 200, Add	*0.87*	
		For >200 To 500, Add	*0.36*	
		For >2,500 To 4,000, Deduct	*-0.14*	
		For >4,000 To 5,000, Deduct	*-0.28*	
		For >5,000, Deduct	*-0.46*	
		For Individual Room Quantities <495, Add	*0.87*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0063	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Tundra)	6.14	0.46
		For Up To 50, Add	*1.52*	
		For >50 To 200, Add	*0.91*	
		For >200 To 500, Add	*0.38*	
		For >2,500 To 4,000, Deduct	*-0.15*	
		For >4,000 To 5,000, Deduct	*-0.31*	
		For >5,000, Deduct	*-0.50*	
		For Individual Room Quantities <495, Add	*0.91*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0064	SF	2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Tundra)	6.14	0.46
		For Up To 50, Add	*1.52*	
		For >50 To 200, Add	*0.91*	
		For >200 To 500, Add	*0.38*	
		For >2,500 To 4,000, Deduct	*-0.15*	
		For >4,000 To 5,000, Deduct	*-0.31*	
		For >5,000, Deduct	*-0.50*	
		For Individual Room Quantities <495, Add	*0.91*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0065	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®)	5.72	0.46
		For Up To 50, Add	*1.46*	
		For >50 To 200, Add	*0.87*	
		For >200 To 500, Add	*0.36*	
		For >2,500 To 4,000, Deduct	*-0.14*	
		For >4,000 To 5,000, Deduct	*-0.29*	
		For >5,000, Deduct	*-0.47*	
		For Individual Room Quantities <495, Add	*0.87*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0066	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®)	5.72	0.46
		For Up To 50, Add	*1.46*	
		For >50 To 200, Add	*0.87*	
		For >200 To 500, Add	*0.36*	
		For >2,500 To 4,000, Deduct	*-0.14*	
		For >4,000 To 5,000, Deduct	*-0.29*	
		For >5,000, Deduct	*-0.47*	
		For Individual Room Quantities <495, Add	*0.87*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0067	SF	2' x 2' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®)	5.72	0.46
		For Up To 50, Add	*1.46*	
		For >50 To 200, Add	*0.87*	
		For >200 To 500, Add	*0.36*	
		For >2,500 To 4,000, Deduct	*-0.14*	
		For >4,000 To 5,000, Deduct	*-0.29*	
		For >5,000, Deduct	*-0.47*	
		For Individual Room Quantities <495, Add	*0.87*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0068	SF	2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®)	5.72	0.46
		For Up To 50, Add	*1.46*	
		For >50 To 200, Add	*0.87*	
		For >200 To 500, Add	*0.36*	
		For >2,500 To 4,000, Deduct	*-0.14*	
		For >4,000 To 5,000, Deduct	*-0.29*	
		For >5,000, Deduct	*-0.47*	
		For Individual Room Quantities <495, Add	*0.87*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0069	SF	2' x 2' x 7/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima High-NRC)	6.14	0.57
		For Up To 50, Add	*1.57*	
		For >50 To 200, Add	*0.94*	
		For >200 To 500, Add	*0.39*	
		For >2,500 To 4,000, Deduct	*-0.15*	
		For >4,000 To 5,000, Deduct	*-0.31*	
		For >5,000, Deduct	*-0.50*	
		For Individual Room Quantities <495, Add	*0.94*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.72*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0070	SF	2' x 4' x 7/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima High-NRC)	6.14	0.57
		For Up To 50, Add	*1.57*	
		For >50 To 200, Add	*0.94*	
		For >200 To 500, Add	*0.39*	
		For >2,500 To 4,000, Deduct	*-0.15*	
		For >4,000 To 5,000, Deduct	*-0.31*	
		For >5,000, Deduct	*-0.50*	
		For Individual Room Quantities <495, Add	*0.94*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.72*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0071	SF	2' x 2' x 7/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima High-NRC)	6.14	0.57
		For Up To 50, Add	*1.57*	
		For >50 To 200, Add	*0.94*	
		For >200 To 500, Add	*0.39*	
		For >2,500 To 4,000, Deduct	*-0.15*	
		For >4,000 To 5,000, Deduct	*-0.31*	
		For >5,000, Deduct	*-0.50*	
		For Individual Room Quantities <495, Add	*0.94*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.72*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0072	SF	2' x 4' x 7/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima High-NRC)	6.14	0.57
		For Up To 50, Add	*1.57*	
		For >50 To 200, Add	*0.94*	
		For >200 To 500, Add	*0.39*	
		For >2,500 To 4,000, Deduct	*-0.15*	
		For >4,000 To 5,000, Deduct	*-0.31*	
		For >5,000, Deduct	*-0.50*	
		For Individual Room Quantities <495, Add	*0.94*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.72*	
		For Ceilings >10' High, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0073	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™)	6.44	0.46
		For Up To 50, Add	*1.57*	
		For >50 To 200, Add	*0.94*	
		For >200 To 500, Add	*0.40*	
		For >2,500 To 4,000, Deduct	*-0.16*	
		For >4,000 To 5,000, Deduct	*-0.32*	
		For >5,000, Deduct	*-0.52*	
		For Individual Room Quantities <495, Add	*0.94*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0074	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™)	6.45	0.46
		For Up To 50, Add	*1.57*	
		For >50 To 200, Add	*0.95*	
		For >200 To 500, Add	*0.40*	
		For >2,500 To 4,000, Deduct	*-0.16*	
		For >4,000 To 5,000, Deduct	*-0.32*	
		For >5,000, Deduct	*-0.52*	
		For Individual Room Quantities <495, Add	*0.95*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0075	SF	2' x 2' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™)	6.44	0.46
		For Up To 50, Add	*1.57*	
		For >50 To 200, Add	*0.94*	
		For >200 To 500, Add	*0.40*	
		For >2,500 To 4,000, Deduct	*-0.16*	
		For >4,000 To 5,000, Deduct	*-0.32*	
		For >5,000, Deduct	*-0.52*	
		For Individual Room Quantities <495, Add	*0.94*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0076	SF	2' x 2' x 7/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™ High-NRC)	7.31	0.46
		For Up To 50, Add	*1.74*	
		For >50 To 200, Add	*1.05*	
		For >200 To 500, Add	*0.45*	
		For >2,500 To 4,000, Deduct	*-0.18*	
		For >4,000 To 5,000, Deduct	*-0.37*	
		For >5,000, Deduct	*-0.59*	
		For Individual Room Quantities <495, Add	*1.05*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.72*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0077	SF	2' x 4' x 7/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™ High-NRC)	7.21	0.46
		For Up To 50, Add	*1.73*	
		For >50 To 200, Add	*1.04*	
		For >200 To 500, Add	*0.44*	
		For >2,500 To 4,000, Deduct	*-0.18*	
		For >4,000 To 5,000, Deduct	*-0.36*	
		For >5,000, Deduct	*-0.58*	
		For Individual Room Quantities <495, Add	*1.04*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.72*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0078	SF	2' x 2' x 7/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™ High-NRC)	7.26	0.46
		For Up To 50, Add	*1.73*	
		For >50 To 200, Add	*1.05*	
		For >200 To 500, Add	*0.44*	
		For >2,500 To 4,000, Deduct	*-0.18*	
		For >4,000 To 5,000, Deduct	*-0.36*	
		For >5,000, Deduct	*-0.58*	
		For Individual Room Quantities <495, Add	*1.05*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.72*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0079	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong VL)	6.80	0.46
		For Up To 50, Add	*1.62*	
		For >50 To 200, Add	*0.98*	
		For >200 To 500, Add	*0.42*	
		For >2,500 To 4,000, Deduct	*-0.17*	
		For >4,000 To 5,000, Deduct	*-0.34*	
		For >5,000, Deduct	*-0.55*	
		For Individual Room Quantities <495, Add	*0.98*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0080	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong VL)	6.68	0.46
		For Up To 50, Add	*1.60*	
		For >50 To 200, Add	*0.97*	
		For >200 To 500, Add	*0.41*	
		For >2,500 To 4,000, Deduct	*-0.17*	
		For >4,000 To 5,000, Deduct	*-0.33*	
		For >5,000, Deduct	*-0.54*	
		For Individual Room Quantities <495, Add	*0.97*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0081	SF	2' x 2' x 1" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Calla)	7.39	0.57
		For Up To 50, Add	*1.75*	
		For >50 To 200, Add	*1.06*	
		For >200 To 500, Add	*0.45*	
		For >2,500 To 4,000, Deduct	*-0.18*	
		For >4,000 To 5,000, Deduct	*-0.37*	
		For >5,000, Deduct	*-0.59*	
		For Individual Room Quantities <495, Add	*1.06*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.72*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0082	SF	2' x 4' x 1" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Calla)	7.39	0.57
		For Up To 50, Add	*1.75*	
		For >50 To 200, Add	*1.06*	
		For >200 To 500, Add	*0.45*	
		For >2,500 To 4,000, Deduct	*-0.18*	
		For >4,000 To 5,000, Deduct	*-0.37*	
		For >5,000, Deduct	*-0.59*	
		For Individual Room Quantities <495, Add	*1.06*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.72*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0083	SF	2' x 2' x 1" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Calla)	7.39	0.46
		For Up To 50, Add	*1.75*	
		For >50 To 200, Add	*1.06*	
		For >200 To 500, Add	*0.45*	
		For >2,500 To 4,000, Deduct	*-0.18*	
		For >4,000 To 5,000, Deduct	*-0.37*	
		For >5,000, Deduct	*-0.59*	
		For Individual Room Quantities <495, Add	*1.06*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.72*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0084	SF	2' x 4' x 1" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Calla)	7.39	0.57
		For Up To 50, Add	*1.75*	
		For >50 To 200, Add	*1.06*	
		For >200 To 500, Add	*0.45*	
		For >2,500 To 4,000, Deduct	*-0.18*	
		For >4,000 To 5,000, Deduct	*-0.37*	
		For >5,000, Deduct	*-0.59*	
		For Individual Room Quantities <495, Add	*1.06*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.72*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0085	SF	20" x 60" x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (USG Radar™ 2617)	2.63	0.46
		For Individual Room Quantities <495, Add	*0.56*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0086	SF	20" x 60" x 5/8" Thick, Tapered Edge, Mineral Fiber Acoustical Ceiling Panel (USG Radar™ 2627)	2.71	0.46
		For Individual Room Quantities <495, Add	*0.57*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0087	SF	2' x 4' x 3/4" Tapered Edge, Mineral Fiber Acoustical Ceiling Panel (USG Radar™ Illusion Basic Two 2742)	4.07	0.46
		For Individual Room Quantities <495, Add	*0.71*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	

09 51 13 00-0088 Wood Fiber Panels *(09 51 13)*

09 51 13 00-0089	SF	2' x 2' x 1/2" Wood Fiber Acoustical Ceiling Panels	8.30	0.69
		For Up To 50, Add	*2.07*	
		For >50 To 200, Add	*1.24*	
		For >200 To 500, Add	*0.52*	
		For >2,500 To 4,000, Deduct	*-0.21*	
		For >4,000 To 5,000, Deduct	*-0.42*	
		For >5,000, Deduct	*-0.67*	
		For Individual Room Quantities <495, Add	*1.24*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Ceilings >10' High, Add	*0.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0090	SF	2' x 4' x 1/2" Wood Fiber Acoustical Ceiling Panels	8.09	0.69
		For Up To 50, Add	*1.95*	
		For >50 To 200, Add	*1.18*	
		For >200 To 500, Add	*0.50*	
		For >2,500 To 4,000, Deduct	*-0.20*	
		For >4,000 To 5,000, Deduct	*-0.40*	
		For >5,000, Deduct	*-0.65*	
		For Individual Room Quantities <495, Add	*1.18*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Ceilings >10' High, Add	*0.14*	
09 51 13 00-0091	SF	2' x 2' x 5/8" Wood Fiber Acoustical Ceiling Panels	11.09	0.69
		For Up To 50, Add	*2.48*	
		For >50 To 200, Add	*1.52*	
		For >200 To 500, Add	*0.66*	
		For >2,500 To 4,000, Deduct	*-0.28*	
		For >4,000 To 5,000, Deduct	*-0.55*	
		For >5,000, Deduct	*-0.88*	
		For Individual Room Quantities <495, Add	*1.52*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Ceilings >10' High, Add	*0.15*	
09 51 13 00-0092	SF	2' x 4' x 5/8" Wood Fiber Acoustical Ceiling Panels	10.88	0.69
		For Up To 50, Add	*2.37*	
		For >50 To 200, Add	*1.46*	
		For >200 To 500, Add	*0.64*	
		For >2,500 To 4,000, Deduct	*-0.27*	
		For >4,000 To 5,000, Deduct	*-0.54*	
		For >5,000, Deduct	*-0.86*	
		For Individual Room Quantities <495, Add	*1.46*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Ceilings >10' High, Add	*0.14*	
09 51 13 00-0093	SF	2' x 2' x 3/4" Wood Fiber Acoustical Ceiling Panels	13.79	0.69
		For Up To 50, Add	*2.89*	
		For >50 To 200, Add	*1.79*	
		For >200 To 500, Add	*0.79*	
		For >2,500 To 4,000, Deduct	*-0.34*	
		For >4,000 To 5,000, Deduct	*-0.69*	
		For >5,000, Deduct	*-1.09*	
		For Individual Room Quantities <495, Add	*1.79*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Ceilings >10' High, Add	*0.15*	
09 51 13 00-0094	SF	2' x 4' x 3/4" Wood Fiber Acoustical Ceiling Panels	13.58	0.69
		For Up To 50, Add	*2.77*	
		For >50 To 200, Add	*1.73*	
		For >200 To 500, Add	*0.77*	
		For >2,500 To 4,000, Deduct	*-0.34*	
		For >4,000 To 5,000, Deduct	*-0.68*	
		For >5,000, Deduct	*-1.06*	
		For Individual Room Quantities <495, Add	*1.73*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Ceilings >10' High, Add	*0.14*	
09 51 13 00-0095	SF	2' x 2' x 1" Wood Fiber Acoustical Ceiling Panels	9.94	0.69
		For Up To 50, Add	*2.31*	
		For >50 To 200, Add	*1.40*	
		For >200 To 500, Add	*0.60*	
		For >2,500 To 4,000, Deduct	*-0.25*	
		For >4,000 To 5,000, Deduct	*-0.50*	
		For >5,000, Deduct	*-0.80*	
		For Individual Room Quantities <495, Add	*1.40*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Ceilings >10' High, Add	*0.15*	
09 51 13 00-0096	SF	2' x 4' x 1" Wood Fiber Acoustical Ceiling Panels	9.73	0.69
		For Up To 50, Add	*2.20*	
		For >50 To 200, Add	*1.34*	
		For >200 To 500, Add	*0.58*	
		For >2,500 To 4,000, Deduct	*-0.24*	
		For >4,000 To 5,000, Deduct	*-0.49*	
		For >5,000, Deduct	*-0.78*	
		For Individual Room Quantities <495, Add	*1.34*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Ceilings >10' High, Add	*0.14*	

09 51 13 00-0097 Removal And Reinstallation Of Acoustical Ceiling Panels *(09 51 13)*

Note: 2'x2' Or 2'x4'. Includes storage and cleaning.

09 51 13 00-0098	SF	Removal And Reinstallation Of Acoustical Panels Only	2.35	
		For Up To 50, Add	*1.29*	
		For >50 To 200, Add	*0.71*	
		For >200 To 500, Add	*0.24*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.12*	
		For >5,000, Deduct	*-0.24*	
		For Ceilings >10' High, Add	*0.18*	

09 51 23 Acoustical Tile Ceilings *(09 51)*

Note: Includes fastening with staples and/or adhesive.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 23 00-0001		**Mineral Fiber Acoustical Tile Ceilings** *(09 51 23)*		
09 51 23 00-0002	SF	12" x 12" x 1/2" Tongue And Groove Mineral Fiber Acoustical Ceiling Tile	6.84	1.27
		For Furring 1 x 3 Strips 12" On Center, Add	*0.50*	
		For Up To 50, Add	*2.18*	
		For >50 To 200, Add	*1.26*	
		For >200 To 500, Add	*0.49*	
		For >2,500, Deduct	*-0.34*	
		For Ceilings >10' High, Add	*0.22*	
09 51 23 00-0003	SF	12" x 12" x 5/8" Spline Mineral Fiber Acoustical Ceiling Tile	7.56	1.27
		For Furring 1 x 3 Strips 12" On Center, Add	*0.50*	
		For Up To 50, Add	*2.29*	
		For >50 To 200, Add	*1.33*	
		For >200 To 500, Add	*0.52*	
		For >2,500, Deduct	*-0.38*	
		For Placing Tiles In Suspended Ceiling System, Deduct	*-0.55*	
		For Ceilings >10' High, Add	*0.22*	
09 51 23 00-0004	SF	12" x 12" x 3/4" Spline Mineral Fiber Acoustical Ceiling Tile	8.58	1.27
		For Furring 1 x 3 Strips 12" On Center, Add	*0.50*	
		For Up To 50, Add	*2.44*	
		For >50 To 200, Add	*1.43*	
		For >200 To 500, Add	*0.57*	
		For >2,500, Deduct	*-0.43*	
		For Placing Tiles In Suspended Ceiling System, Deduct	*-0.55*	
		For Ceilings >10' High, Add	*0.22*	
09 51 23 00-0005		**Wood Fiber Acoustical Tile Ceilings** *(09 51 23)*		
09 51 23 00-0006	SF	12" x 12" x 1/2" Staple Flange Wood Fiber Acoustical Ceiling Tile	5.75	1.27
		For Furring 1 x 3 Strips 12" On Center, Add	*0.50*	
		For Up To 50, Add	*2.01*	
		For >50 To 200, Add	*1.15*	
		For >200 To 500, Add	*0.43*	
		For >2,500, Deduct	*-0.29*	
		For Ceilings >10' High, Add	*0.22*	
09 51 33		**Acoustical Metal Pan Ceilings** *(09 51)*		
09 51 33 13		**Acoustical Snap-in Metal Pan Ceilings** *(09 51 33)*		
09 51 33 13-0001		**Galvanized Steel, Acoustical Snap-In Metal Ceiling Panels** *(09 51 33 13)*		
09 51 33 13-0002	SF	24" x 24", Unperforated, Tamper-Resistant, 18 Gauge, Galvanized Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ SecureLock™)	24.39	1.01
09 51 33 13-0003	SF	24" x 24", Perforated, Tamper-Resistant, 18 Gauge, Galvanized Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ SecureLock™)	26.13	1.01
09 51 33 13-0004		**Aluminum, Acoustical Snap-In Metal Ceiling Panels** *(09 51 33 13)*		
09 51 33 13-0005	SF	24" x 24", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	18.04	1.15
09 51 33 13-0006	SF	24" x 24", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	30.91	1.15
09 51 33 13-0007	SF	24" x 24", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	60.89	1.15
09 51 33 13-0008	SF	24" x 24", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	27.35	1.15
09 51 33 13-0009	SF	24" x 24", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	19.07	1.15
09 51 33 13-0010	SF	24" x 24", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	30.10	1.15
09 51 33 13-0011	SF	24" x 24", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	60.43	1.15
09 51 33 13-0012	SF	24" x 24", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	27.12	1.15
09 51 33 13-0013	SF	30" x 30", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	24.70	1.15
09 51 33 13-0014	SF	30" x 30", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	32.63	1.15
09 51 33 13-0015	SF	30" x 30", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	67.21	1.15
09 51 33 13-0016	SF	30" x 30", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	32.29	1.15
09 51 33 13-0017	SF	30" x 30", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	26.20	1.15
09 51 33 13-0018	SF	30" x 30", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	33.43	1.15
09 51 33 13-0019	SF	30" x 30", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	69.51	1.15
09 51 33 13-0020	SF	30" x 30", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	33.09	1.15
09 51 33 13-0021	SF	12" x 48", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	22.29	1.15
09 51 33 13-0022	SF	12" x 48", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	36.77	1.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 33 13-0023	SF	12" x 48", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	65.72	1.15
09 51 33 13-0024	SF	12" x 48", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	31.48	1.15
09 51 33 13-0025	SF	12" x 48", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	24.01	1.15
09 51 33 13-0026	SF	12" x 48", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	37.23	1.15
09 51 33 13-0027	SF	12" x 48", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	68.13	1.15
09 51 33 13-0028	SF	12" x 48", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	32.52	1.15
09 51 33 13-0029	SF	24" x 48", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	17.56	1.15
09 51 33 13-0030	SF	24" x 48", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	27.21	1.15
09 51 33 13-0031	SF	24" x 48", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	57.08	1.15
09 51 33 13-0032	SF	24" x 48", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	25.83	1.15
09 51 33 13-0033	SF	24" x 48", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	18.71	1.15
09 51 33 13-0034	SF	24" x 48", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	26.98	1.15
09 51 33 13-0035	SF	24" x 48", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	57.19	1.15
09 51 33 13-0036	SF	24" x 48", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	25.83	1.15

09 51 33 23 Acoustical Lay-in Metal Pan Ceilings *(09 51 33)*

09 51 33 23-0001 Acoustical Lay-In Metal Pan Ceilings *(09 51 33 23)*

09 51 33 23-0002 Aluminum, Acoustical Lay-In Metal Ceiling Panels *(09 51 33 23-0001)*

09 51 33 23-0003	SF	24" x 24", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	18.95	0.87
		For Up To 50, Add	*3.53*	
		For >50 To 200, Add	*2.24*	
		For >200 To 500, Add	*1.03*	
		For >2,500 To 4,000, Deduct	*-0.47*	
		For >4,000 To 5,000, Deduct	*-0.95*	
		For >5,000, Deduct	*-1.46*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0004	SF	24" x 24", Unperforated, Metallic Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	21.54	0.87
		For Up To 50, Add	*3.92*	
		For >50 To 200, Add	*2.50*	
		For >200 To 500, Add	*1.16*	
		For >2,500 To 4,000, Deduct	*-0.54*	
		For >4,000 To 5,000, Deduct	*-1.08*	
		For >5,000, Deduct	*-1.66*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0005	SF	24" x 24", Unperforated, Wood Tone Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	31.88	0.87
		For Up To 50, Add	*5.47*	
		For >50 To 200, Add	*3.53*	
		For >200 To 500, Add	*1.68*	
		For >2,500 To 4,000, Deduct	*-0.80*	
		For >4,000 To 5,000, Deduct	*-1.59*	
		For >5,000, Deduct	*-2.43*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0006	SF	24" x 24", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	26.99	0.87
		For Up To 50, Add	*4.74*	
		For >50 To 200, Add	*3.04*	
		For >200 To 500, Add	*1.44*	
		For >2,500 To 4,000, Deduct	*-0.67*	
		For >4,000 To 5,000, Deduct	*-1.35*	
		For >5,000, Deduct	*-2.07*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0007	SF	24" x 24", Perforated, Metallic Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	29.01	0.87
		For Up To 50, Add	*5.04*	
		For >50 To 200, Add	*3.25*	
		For >200 To 500, Add	*1.54*	
		For >2,500 To 4,000, Deduct	*-0.73*	
		For >4,000 To 5,000, Deduct	*-1.45*	
		For >5,000, Deduct	*-2.22*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0008	SF	24" x 24", Perforated, Wood Tone Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	45.95	0.87
		For Up To 50, Add	*7.58*	
		For >50 To 200, Add	*4.94*	
		For >200 To 500, Add	*2.38*	
		For >2,500 To 4,000, Deduct	*-1.15*	
		For >4,000 To 5,000, Deduct	*-2.30*	
		For >5,000, Deduct	*-3.49*	
		For Ceilings >10' High, Add	*0.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 33 23-0009	SF	30" x 30", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	28.56	0.87
		For Up To 50, Add	*4.97*	
		For >50 To 200, Add	*3.20*	
		For >200 To 500, Add	*1.51*	
		For >2,500 To 4,000, Deduct	*-0.71*	
		For >4,000 To 5,000, Deduct	*-1.43*	
		For >5,000, Deduct	*-2.19*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0010	SF	30" x 30", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	35.54	0.87
		For Up To 50, Add	*6.02*	
		For >50 To 200, Add	*3.90*	
		For >200 To 500, Add	*1.86*	
		For >2,500 To 4,000, Deduct	*-0.89*	
		For >4,000 To 5,000, Deduct	*-1.78*	
		For >5,000, Deduct	*-2.71*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0011	SF	48" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	28.72	0.87
		For Up To 50, Add	*5.00*	
		For >50 To 200, Add	*3.22*	
		For >200 To 500, Add	*1.52*	
		For >2,500 To 4,000, Deduct	*-0.72*	
		For >4,000 To 5,000, Deduct	*-1.44*	
		For >5,000, Deduct	*-2.20*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0012	SF	48" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	35.75	0.87
		For Up To 50, Add	*6.05*	
		For >50 To 200, Add	*3.92*	
		For >200 To 500, Add	*1.87*	
		For >2,500 To 4,000, Deduct	*-0.89*	
		For >4,000 To 5,000, Deduct	*-1.79*	
		For >5,000, Deduct	*-2.72*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0013	SF	12" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	28.86	0.87
		For Up To 50, Add	*5.02*	
		For >50 To 200, Add	*3.23*	
		For >200 To 500, Add	*1.53*	
		For >2,500 To 4,000, Deduct	*-0.72*	
		For >4,000 To 5,000, Deduct	*-1.44*	
		For >5,000, Deduct	*-2.21*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0014	SF	12" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	35.61	0.87
		For Up To 50, Add	*6.03*	
		For >50 To 200, Add	*3.91*	
		For >200 To 500, Add	*1.87*	
		For >2,500 To 4,000, Deduct	*-0.89*	
		For >4,000 To 5,000, Deduct	*-1.78*	
		For >5,000, Deduct	*-2.71*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0015	SF	24" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	28.86	0.87
		For Up To 50, Add	*5.02*	
		For >50 To 200, Add	*3.23*	
		For >200 To 500, Add	*1.53*	
		For >2,500 To 4,000, Deduct	*-0.72*	
		For >4,000 To 5,000, Deduct	*-1.44*	
		For >5,000, Deduct	*-2.21*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0016	SF	24" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	35.90	0.87
		For Up To 50, Add	*6.07*	
		For >50 To 200, Add	*3.93*	
		For >200 To 500, Add	*1.88*	
		For >2,500 To 4,000, Deduct	*-0.90*	
		For >4,000 To 5,000, Deduct	*-1.80*	
		For >5,000, Deduct	*-2.74*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0017		**Steel, Acoustical Lay-In Metal Ceiling Panels** *(09 51 33 23-0001)*		
09 51 33 23-0018	SF	24" x 24", Unperforated, 0.021" Thick, Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	24.61	0.87
		For Up To 50, Add	*4.38*	
		For >50 To 200, Add	*2.81*	
		For >200 To 500, Add	*1.32*	
		For >2,500 To 4,000, Deduct	*-0.62*	
		For >4,000 To 5,000, Deduct	*-1.23*	
		For >5,000, Deduct	*-1.89*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0019	SF	24" x 24", Unperforated, 0.021" Thick, Metallic Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	29.43	0.87
		For Up To 50, Add	*5.10*	
		For >50 To 200, Add	*3.29*	
		For >200 To 500, Add	*1.56*	
		For >2,500 To 4,000, Deduct	*-0.74*	
		For >4,000 To 5,000, Deduct	*-1.47*	
		For >5,000, Deduct	*-2.25*	
		For Ceilings >10' High, Add	*0.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 33 23-0020	SF	24" x 24", Unperforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	31.61	0.87
		For Up To 50, Add	*5.43*	
		For >50 To 200, Add	*3.51*	
		For >200 To 500, Add	*1.67*	
		For >2,500 To 4,000, Deduct	*-0.79*	
		For >4,000 To 5,000, Deduct	*-1.58*	
		For >5,000, Deduct	*-2.41*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0021	SF	24" x 24", Perforated, 0.021" Thick, Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	29.66	0.87
		For Up To 50, Add	*5.14*	
		For >50 To 200, Add	*3.31*	
		For >200 To 500, Add	*1.57*	
		For >2,500 To 4,000, Deduct	*-0.74*	
		For >4,000 To 5,000, Deduct	*-1.48*	
		For >5,000, Deduct	*-2.27*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0022	SF	24" x 24", Perforated, 0.021" Thick, Metallic Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	30.46	0.87
		For Up To 50, Add	*5.26*	
		For >50 To 200, Add	*3.39*	
		For >200 To 500, Add	*1.61*	
		For >2,500 To 4,000, Deduct	*-0.76*	
		For >4,000 To 5,000, Deduct	*-1.52*	
		For >5,000, Deduct	*-2.33*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0023	SF	24" x 24", Perforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	32.30	0.87
		For Up To 50, Add	*5.53*	
		For >50 To 200, Add	*3.57*	
		For >200 To 500, Add	*1.70*	
		For >2,500 To 4,000, Deduct	*-0.81*	
		For >4,000 To 5,000, Deduct	*-1.62*	
		For >5,000, Deduct	*-2.47*	
		For Ceilings >10' High, Add	*0.13*	

09 51 33 33 Acoustical Tegular Lay-in Metal Pan Ceilings *(09 51 33)*

09 51 33 33-0001 Acoustical Tegular Lay-In Metal Pan Ceilings *(09 51 33 33)*

09 51 33 33-0002 Steel, Acoustical Tegular Lay-In Metal Pan Ceilings *(09 51 33 33-0001)*

09 51 33 33-0003	SF	24" x 24", Unperforated, 0.021" Thick, Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	17.83	0.87
09 51 33 33-0004	SF	24" x 24", Unperforated, 0.021" Thick, Metallic Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	20.12	0.87
09 51 33 33-0005	SF	24" x 24", Unperforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	28.63	0.87
09 51 33 33-0006	SF	24" x 24", Perforated, 0.021" Thick, Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	20.35	0.87
09 51 33 33-0007	SF	24" x 24", Perforated, 0.021" Thick, Metallic Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	23.11	0.87
09 51 33 33-0008	SF	24" x 24", Perforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	31.27	0.87

09 53 Acoustical Ceiling Suspension Assemblies *(09 50)*

09 53 23 Metal Acoustical Ceiling Suspension Assemblies *(09 53)*

09 53 23 00-0001 Ceiling Suspension System Assemblies *(09 53 23)*

Note: Hot-dipped galvanized steel. Includes single 8 gauge wire hangers (between 3' To 4') attached from wood deck or wood members above to main members 4' on center. Includes all main tees, cross tees, wall angle, wall anchors, connector clips, hold down clips, double faced tape (where required). All above shall be mechanically installed by minimum 2-1/4" x 3/8" wedge anchors. Excludes chain supports for lights.

09 53 23 00-0002	SF	1' x 1' Grid, Concealed, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System Assembly Note: Excludes ceiling tile.	4.82	0.57
		For Fastening To Concrete, Add	*1.45*	
		For Fastening To Steel, Add	*1.60*	
		For Vertical Application, Add	*2.19*	
		For Individual Room Quantities <495, Add *Note: For use with projects >500 SF. Other quantity discounts would apply.*	*0.49*	
		For Up To 50, Add	*1.72*	
		For >50 To 200, Add	*0.98*	
		For >200 To 500, Add	*0.37*	
		For >2,500 To 4,000, Deduct	*-0.11*	
		For >4,000 To 5,000, Deduct	*-0.19*	
		For >5,000, Deduct	*-0.28*	
		For Ceilings >10' High, Add	*0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 53 23 00-0003	SF	1' x 2' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System Assembly	3.87	0.57
		For UL Listed (Fire Guard), Add	*0.27*	
		For 1-1/2" Wide Faced Grid, Add	*0.50*	
		For Fastening To Concrete, Add	*1.41*	
		For Fastening To Steel, Add	*1.56*	
		For Vertical Application, Add	*1.83*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For Individual Room Quantities <495, Add	*0.40*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Aluminum T-Bar System, Add	*0.80*	
		For Up To 50, Add	*1.42*	
		For >50 To 200, Add	*0.81*	
		For >200 To 500, Add	*0.30*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.23*	
		For Ceilings >10' High, Add	*0.16*	
09 53 23 00-0004	SF	2' x 2' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System Assembly	3.22	0.57
		For UL Listed (Fire Guard), Add	*0.20*	
		For 1-1/2" Wide Faced Grid, Add	*0.36*	
		For Fastening To Concrete, Add	*1.39*	
		For Fastening To Steel, Add	*1.54*	
		For Vertical Application, Add	*1.68*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For Individual Room Quantities <495, Add	*0.35*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Aluminum T-Bar System, Add	*0.59*	
		For Up To 50, Add	*1.25*	
		For >50 To 200, Add	*0.71*	
		For >200 To 500, Add	*0.26*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.20*	
		For Black Grid, Add	*0.16*	
		For Ceilings >10' High, Add	*0.14*	
		For Concealed Spline Grid, Add	*0.52*	
09 53 23 00-0005	SF	2' x 4' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System Assembly	2.66	0.57
		For UL Listed (Fire Guard), Add	*0.16*	
		For 1-1/2" Wide Faced Grid, Add	*0.29*	
		For Fastening To Concrete, Add	*1.36*	
		For Fastening To Steel, Add	*1.51*	
		For Vertical Application, Add	*1.61*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For Individual Room Quantities <495, Add	*0.29*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Aluminum T-Bar System, Add	*0.47*	
		For Up To 50, Add	*1.04*	
		For >50 To 200, Add	*0.59*	
		For >200 To 500, Add	*0.21*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.11*	
		For >5,000, Deduct	*-0.16*	
		For Black Grid, Add	*0.13*	
		For Ceilings >10' High, Add	*0.12*	
		For Concealed Spline Grid, Add	*0.42*	
09 53 23 00-0006	SF	1'-8" To 2' x 5' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System Assembly	2.34	0.57
		For UL Listed (Fire Guard), Add	*0.14*	
		For 1-1/2" Wide Faced Grid, Add	*0.27*	
		For Fastening To Concrete, Add	*1.34*	
		For Fastening To Steel, Add	*1.49*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For Individual Room Quantities <495, Add	*0.26*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Aluminum T-Bar System, Add	*0.43*	
		For Up To 50, Add	*0.90*	
		For >50 To 200, Add	*0.51*	
		For >200 To 500, Add	*0.19*	
		For >2,500 To 4,000, Deduct	*-0.05*	
		For >4,000 To 5,000, Deduct	*-0.10*	
		For >5,000, Deduct	*-0.14*	
		For Ceilings >10' High, Add	*0.10*	
09 53 23 00-0007	SF	2' x 2' Grid, Hot Dipped Galvanized Steel, 9/16" T Bar Ceiling Suspension System Assembly	3.49	0.57
		For UL Listed (Fire Guard), Add	*0.24*	
		For Fastening To Concrete, Add	*1.39*	
		For Fastening To Steel, Add	*1.54*	
		For Vertical Application, Add	*1.68*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For Individual Room Quantities <495, Add	*0.37*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Up To 50, Add	*1.29*	
		For >50 To 200, Add	*0.73*	
		For >200 To 500, Add	*0.27*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.21*	
		For Black Grid, Add	*0.20*	
		For Ceilings >10' High, Add	*0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 53 23 00-0008	SF	2' x 4' Grid, Hot Dipped Galvanized Steel, 9/16" T Bar Ceiling Suspension System Assembly	2.87	0.57
		For UL Listed (Fire Guard), Add	*0.19*	
		For Fastening To Concrete, Add	*1.36*	
		For Fastening To Steel, Add	*1.51*	
		For Vertical Application, Add	*1.61*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For Individual Room Quantities <495, Add	*0.30*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Up To 50, Add	*1.07*	
		For >50 To 200, Add	*0.61*	
		For >200 To 500, Add	*0.22*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.12*	
		For >5,000, Deduct	*-0.17*	
		For Black Grid, Add	*0.16*	
		For Ceilings >10' High, Add	*0.12*	

09 53 23 00-0009 Ceiling Suspension System Accessories *(09 53 23)*

09 53 23 00-0010	LF	Pencil Rod Support For Suspended Ceiling with Accessories	1.49	
09 53 23 00-0011	LF	1" x 1/8" Flat Bar Bracing For Suspended Ceiling	3.51	1.61
		For 304 Stainless Steel, Add	*3.11*	
		For 316 Stainless Steel, Add	*3.49*	
		For Aluminum, Add	*0.20*	
		For Galvanized Steel, Add	*0.68*	
09 53 23 00-0012	LF	1" x 3/16" Flat Bar Bracing For Suspended Ceiling	5.02	1.72
		For 304 Stainless Steel, Add	*4.73*	
		For 316 Stainless Steel, Add	*5.31*	
		For Aluminum, Add	*0.30*	
		For Galvanized Steel, Add	*1.03*	
09 53 23 00-0013	LF	1-1/2" x 1/4" Flat Bar Bracing For Suspended Ceiling	7.10	1.84
		For 304 Stainless Steel, Add	*9.43*	
		For 316 Stainless Steel, Add	*10.59*	
		For Aluminum, Add	*0.60*	
		For Galvanized Steel, Add	*2.05*	
09 53 23 00-0014	LF	12 Gauge Ceiling Suspension Wire (Seismic Control Or Where Required) For Suspended Ceiling	0.86	
09 53 23 00-0015	LF	8 Gauge Ceiling Suspension Wire (Seismic Control Or Where Required) For Suspended Ceiling	1.04	
09 53 23 00-0016	EA	2', Exposed 15/16" Hot-dipped Galvanized Steel, Suspended Ceiling Cross Tee Note: Can be used to convert an existing 2' x 4' suspension system to a 2' x 2' system or to replace an individual component.	7.36	0.33
09 53 23 00-0017	EA	Lateral Support For Suspended Ceiling Channel, Installed 12'-0" On Center Maximum Note: Includes vertical center strut and four 12 gauge diagonal wires.	35.24	10.54
09 53 23 00-0018	EA	Up To 30" Compression Posts, Telescopic, With Splay Wires, Attached To Structure For Suspended Ceiling	94.33	23.39
09 53 23 00-0019	EA	>30" To 48" Compression Posts, Telescopic, With Splay Wires, Attached To Structure For Suspended Ceiling	97.97	23.84
09 53 23 00-0020	EA	>48" To 84" Compression Posts, Telescopic, With Splay Wires, Attached To Structure For Suspended Ceiling	111.17	23.84

09 53 23 00-0021 Removal And Reinstallation Of Acoustical Ceiling Suspension Assembly *(09 53 23)*

Note: 2'x2' Or 2'x4'. Includes storage and cleaning.

09 53 23 00-0022	SF	Removal And Reinstallation Of 2' x 2' Or 2' x 4' Acoustical Ceiling Tile And Grid Assembly Note: Suspension system tie wire, wall angles and bracing to remain in place.	3.18	
		For Up To 50, Add	*1.75*	
		For >50 To 200, Add	*0.95*	
		For >200 To 500, Add	*0.32*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.24*	
		For Ceilings >10' High, Add	*0.24*	
09 53 23 00-0023	SF	Removal And Reinstallation Of Grid System Assembly Note: Suspension system tie wire, wall angles and bracing to remain in place. Excludes ceiling tiles.	1.38	
		For Up To 50, Add	*0.76*	
		For >50 To 200, Add	*0.41*	
		For >200 To 500, Add	*0.14*	
		For >2,500 To 4,000, Deduct	*-0.03*	
		For >4,000 To 5,000, Deduct	*-0.07*	
		For >5,000, Deduct	*-0.10*	
		For Ceilings >10' High, Add	*0.10*	

09 54 Specialty Ceilings *(09 50)*

09 54 16 Luminous Ceilings *(09 54)*

09 54 16 00-0001 Translucent Ceiling Panels *(09 54 16)*

09 54 16 00-0002	SF	2' x 2' x 0.013" Thick, Rigid Vinyl Plastic, Translucent Ceiling Panel	3.38	0.57
		For Ceilings >10' High, Add	*0.10*	
		For >100 To 200, Deduct	*-0.14*	
		For >200 To 300, Deduct	*-0.38*	
		For >300, Deduct	*-0.65*	

09 54 23 Linear Metal Ceilings *(09 54)*

09 54 23 00-0001 Linear Ceiling Systems *(09 54 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 54 23 00-0002		0.032" Aluminum, Linear Ceiling Systems *(09 54 23 00-0001)* Note: For flat ceilings. Includes round or box style panels with KYNAR 500® or HYLAR 5000® PVDF finish. Includes ceiling suspension system and flush or recessed filler strips.		
09 54 23 00-0003	SF	4" Panel Width, 0.032" Aluminum, Linear Ceiling System	23.75	2.47
		For Up To 50, Add	*5.93*	
		For >50 To 200, Add	*3.56*	
		For >200 To 500, Add	*1.48*	
		For >2,500, Deduct	*-1.19*	
		For Ceilings >10' High, Add	*0.44*	
		For Linear Ceiling Systems Without Filler Strips, Deduct	*-4.43*	
		For Curved Ceilings, Add	*1.40*	
09 54 23 00-0004	SF	8" Panel Width, 0.032" Aluminum, Linear Ceiling System	19.05	2.47
		For Up To 50, Add	*5.17*	
		For >50 To 200, Add	*3.06*	
		For >200 To 500, Add	*1.24*	
		For >2,500, Deduct	*-0.95*	
		For Ceilings >10' High, Add	*0.43*	
		For Linear Ceiling Systems Without Filler Strips, Deduct	*-2.20*	
		For Curved Ceilings, Add	*1.38*	
09 54 23 00-0005	SF	12" Panel Width, 0.032" Aluminum, Linear Ceiling System	17.24	2.47
		For Up To 50, Add	*4.85*	
		For >50 To 200, Add	*2.86*	
		For >200 To 500, Add	*1.15*	
		For >2,500, Deduct	*-0.86*	
		For Ceilings >10' High, Add	*0.43*	
		For Linear Ceiling Systems Without Filler Strips, Deduct	*-1.46*	
		For Curved Ceilings, Add	*1.36*	
09 54 23 00-0006		Tin Ceilings *(09 54 23)*		
09 54 23 00-0007	SF	2' x 2' Tin Ceiling Embossed Panels	22.27	3.82
		For Up To 50, Add	*5.18*	
		For >50 To 200, Add	*3.15*	
		For >200 To 500, Add	*1.34*	
		For >2,500, Deduct	*-1.11*	
		For Ceilings >10' High, Add	*0.35*	
09 54 23 00-0008	SF	12" x 12" Tin Ceiling Embossed Plates	33.01	2.47
		For Up To 50, Add	*6.90*	
		For >50 To 200, Add	*4.27*	
		For >200 To 500, Add	*1.89*	
		For >2,500, Deduct	*-1.65*	
		For Ceilings >10' High, Add	*0.36*	
09 54 23 00-0009	SF	12" x 24" Tin Ceiling Embossed Plates	24.05	2.47
		For Up To 50, Add	*5.55*	
		For >50 To 200, Add	*3.38*	
		For >200 To 500, Add	*1.45*	
		For >2,500, Deduct	*-1.20*	
		For Ceilings >10' High, Add	*0.36*	
09 54 23 00-0010	SF	24" x 24" Tin Ceiling Embossed Plates	22.09	2.47
		For Up To 50, Add	*5.11*	
		For >50 To 200, Add	*3.11*	
		For >200 To 500, Add	*1.33*	
		For >2,500, Deduct	*-1.10*	
		For Ceilings >10' High, Add	*0.34*	
09 54 23 00-0011	SF	24" x 48" Tin Ceiling Embossed Plates	19.28	1.85
		For Up To 50, Add	*4.46*	
		For >50 To 200, Add	*2.71*	
		For >200 To 500, Add	*1.16*	
		For >2,500, Deduct	*-0.96*	
		For Ceilings >10' High, Add	*0.29*	
09 54 23 00-0012	LF	3" Or 4" Wide Embossed Molding	14.98	3.70
		For Ceilings >10' High, Add	*0.54*	
09 54 23 00-0013	LF	6" Wide Embossed Molding	18.77	4.31
		For Ceilings >10' High, Add	*0.60*	
09 54 23 00-0014	LF	12" Wide Embossed Molding	25.20	5.06
		For Ceilings >10' High, Add	*0.76*	
09 54 23 00-0015	EA	3", 4" Or 6" Wide Embossed Cross, Tee Or Ell	43.33	11.71
		For Ceilings >10' High, Add	*1.71*	
09 54 23 00-0016	EA	12" Wide Embossed Cross, Tee Or Ell	60.21	13.69
		For Ceilings >10' High, Add	*2.06*	

09 57 Special Function Ceilings *(09 50)*

09 57 63 High Impact Ceilings *(09 57)*

09 57 63 00-0001		High Impact Ceilings *(09 57 63)*		
09 57 63 00-0002	SF	Polyvinyl Chloride Face High Impact Ceiling Panels	8.13	1.15
		For Ceilings >10' High, Add	*0.14*	
09 57 63 00-0003	EA	High Impact Clips	4.51	0.92
		For Ceilings >10' High, Add	*0.22*	

09 60 Flooring *(09)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

Note: Perform moisture testing as recommended by manufacturer.

09 61 Flooring Treatment *(09 60)*

09 61 13 Slip-Resistant Flooring Treatment *(09 61)*

09 61 13 00-0001 Anti-Slip Tape *(09 61 13)*

Note: Grit sandpaper surface with adhesive back.

09 61 13 00-0002	LF	1" Anti-Slip Tape	3.12	2.30
09 61 13 00-0003	LF	2" Anti-Slip Tape	3.99	2.54
09 61 13 00-0004	LF	3" Anti-Slip Tape	4.83	2.79
09 61 13 00-0005	LF	4" Anti-Slip Tape	5.62	3.06
09 61 13 00-0006	LF	6" Anti-Slip Tape	7.23	3.37
09 61 13 00-0007	LF	12" Anti-Slip Tape	12.73	5.05
09 61 13 00-0008	LF	24" Anti-Slip Tape	17.97	7.58

09 64 Wood Flooring *(09 60)*

09 64 13 Wood Flooring Underlayment *(09 64)*

09 64 13 00-0001 Wood Flooring Underlayment *(09 64 13)*

09 64 13 00-0002	SF	Regular Weight Red Rosin Paper, Wood Flooring Underlayment	0.56	
09 64 13 00-0003	SF	Heavy Weight Red Rosin Paper, Wood Flooring Underlayment	0.58	
09 64 13 00-0004	SF	30 Lb., Waxed Paper, Wood Flooring Underlayment	0.61	
09 64 13 00-0005	SF	15 Lb., Asphalt Saturated Organic Felt, Wood Flooring Underlayment	0.68	
09 64 13 00-0006	SF	6 Mil Thick, Polyethylene Film, Wood Flooring Underlayment	0.61	
09 64 13 00-0007	SF	8 Mil Thick, Polyethylene Film, Wood Flooring Underlayment	0.67	
09 64 13 00-0008	SF	1/8" Thick, Natural Cork, Wood Flooring Underlayment	2.57	0.39
09 64 13 00-0009	SF	1/4" Thick, Natural Cork, Wood Flooring Underlayment	2.69	0.39
09 64 13 00-0010	SF	3/32" Thick, Polyethylene Foam, Wood Flooring Underlayment (Roberts® Unison™ 70-025-15)	0.98	
09 64 13 00-0011	SF	2.0mm Thick, Progressive Foam Technology, Wood Flooring Underlayment (Roberts® Quiet Cushion 70-180)	1.21	
09 64 13 00-0012	SF	4.0mm Thick, Compressed Fiber, Wood Flooring Underlayment (Roberts® Super Felt 70-193)	1.30	
09 64 13 00-0013	SF	2.5mm Thick, Closed Cell Foam, Wood Flooring Underlayment (Roberts® Black Jack™ 70-026)	1.58	
09 64 13 00-0014	SF	1/8" Thick, Moisture Barrier, Sound Reduction And Cushioning, Wood Flooring Underlayment (Roberts® AirGuard™ 70-105)	1.60	0.26

09 64 23 Wood Parquet Flooring *(09 64)*

Note: All wood parquet flooring is prefinished at factory.

09 64 23 00-0001 Hardwood Parquet Flooring *(09 64 23)*

09 64 23 00-0002	SF	5/16" Thick Oak Parquet Flooring	13.52	1.15
		For Up To 20, Add	*5.27*	
		For >20 To 50, Add	*2.79*	
		For >50 To 100, Add	*1.40*	
		For >100 To 300, Add	*0.70*	

09 64 29 Wood Strip and Plank Flooring *(09 64)*

Note: All wood strip flooring is unfinished, tongue and groove.

09 64 29 00-0001 Unfinished Fir, Wood Strip Flooring *(09 64 29)*

09 64 29 00-0002	SF	3-1/8" Plank Width, 3/4" Thick, Plain Sawn, Clear Vertical Grain (C Or Better) Unfinished Fir, Wood Strip Flooring	14.65	1.15
		For Factory Finish, Add	*0.95*	
		For Random Width Floor, Add	*3.40*	
		For Up To 20, Add	*4.52*	
		For >20 To 50, Add	*2.50*	
		For >50 To 100, Add	*1.25*	
		For >100 To 300, Add	*0.62*	

09 64 29 00-0003 Unfinished Oak, Wood Strip Flooring *(09 64 29)*

09 64 29 00-0004 Unfinished White Oak, Wood Strip Flooring *(09 64 29 00-0003)*

09 64 29 00-0005	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished White Oak, Wood Strip Flooring	11.71	1.15
		For Factory Finish, Add	*0.50*	
		For Random Width Floor, Add	*2.59*	
		For Up To 20, Add	*4.80*	
		For >20 To 50, Add	*2.52*	
		For >50 To 100, Add	*1.26*	
		For >100 To 300, Add	*0.63*	
09 64 29 00-0006	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished White Oak, Wood Strip Flooring	12.35	1.15
		For Factory Finish, Add	*0.56*	
		For Random Width Floor, Add	*2.75*	
		For Up To 20, Add	*4.89*	
		For >20 To 50, Add	*2.59*	
		For >50 To 100, Add	*1.29*	
		For >100 To 300, Add	*0.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 64 29 00-0007	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished White Oak, Wood Strip Flooring	13.32	1.15
		For Factory Finish, Add	*0.66*	
		For Random Width Floor, Add	*2.99*	
		For Up To 20, Add	*5.04*	
		For >20 To 50, Add	*2.68*	
		For >50 To 100, Add	*1.34*	
		For >100 To 300, Add	*0.67*	
09 64 29 00-0008	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished White Oak, Wood Strip Flooring	10.33	1.15
		For Factory Finish, Add	*0.52*	
		For Random Width Floor, Add	*2.32*	
		For Up To 20, Add	*3.88*	
		For >20 To 50, Add	*2.07*	
		For >50 To 100, Add	*1.03*	
		For >100 To 300, Add	*0.52*	
09 64 29 00-0009	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished White Oak, Wood Strip Flooring	10.85	1.15
		For Factory Finish, Add	*0.57*	
		For Random Width Floor, Add	*2.45*	
		For Up To 20, Add	*3.95*	
		For >20 To 50, Add	*2.12*	
		For >50 To 100, Add	*1.06*	
		For >100 To 300, Add	*0.53*	
09 64 29 00-0010	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished White Oak, Wood Strip Flooring	11.84	1.15
		For Factory Finish, Add	*0.67*	
		For Random Width Floor, Add	*2.70*	
		For Up To 20, Add	*4.10*	
		For >20 To 50, Add	*2.22*	
		For >50 To 100, Add	*1.11*	
		For >100 To 300, Add	*0.55*	
09 64 29 00-0011		**Unfinished Red Oak, Wood Strip Flooring** *(09 64 29 00-0003)*		
09 64 29 00-0012	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished Red Oak, Wood Strip Flooring	11.82	1.15
		For Factory Finish, Add	*0.51*	
		For Random Width Floor, Add	*2.62*	
		For Up To 20, Add	*4.82*	
		For >20 To 50, Add	*2.53*	
		For >50 To 100, Add	*1.27*	
		For >100 To 300, Add	*0.63*	
09 64 29 00-0013	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished Red Oak, Wood Strip Flooring	12.46	1.15
		For Factory Finish, Add	*0.57*	
		For Random Width Floor, Add	*2.78*	
		For Up To 20, Add	*4.91*	
		For >20 To 50, Add	*2.60*	
		For >50 To 100, Add	*1.30*	
		For >100 To 300, Add	*0.65*	
09 64 29 00-0014	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished Red Oak, Wood Strip Flooring	13.43	1.15
		For Factory Finish, Add	*0.67*	
		For Random Width Floor, Add	*3.02*	
		For Up To 20, Add	*5.06*	
		For >20 To 50, Add	*2.70*	
		For >50 To 100, Add	*1.35*	
		For >100 To 300, Add	*0.67*	
09 64 29 00-0015	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished Red Oak, Wood Strip Flooring	10.44	1.15
		For Factory Finish, Add	*0.53*	
		For Random Width Floor, Add	*2.35*	
		For Up To 20, Add	*3.89*	
		For >20 To 50, Add	*2.08*	
		For >50 To 100, Add	*1.04*	
		For >100 To 300, Add	*0.52*	
09 64 29 00-0016	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished Red Oak, Wood Strip Flooring	11.09	1.15
		For Factory Finish, Add	*0.59*	
		For Random Width Floor, Add	*2.51*	
		For Up To 20, Add	*3.99*	
		For >20 To 50, Add	*2.14*	
		For >50 To 100, Add	*1.07*	
		For >100 To 300, Add	*0.54*	
09 64 29 00-0017	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished Red Oak, Wood Strip Flooring	11.95	1.15
		For Factory Finish, Add	*0.68*	
		For Random Width Floor, Add	*2.73*	
		For Up To 20, Add	*4.12*	
		For >20 To 50, Add	*2.23*	
		For >50 To 100, Add	*1.11*	
		For >100 To 300, Add	*0.56*	
09 64 29 00-0018		**Unfinished Maple, Wood Strip Flooring** *(09 64 29)*		
09 64 29 00-0019		**25/32" Thick, Unfinished Maple, Wood Strip Flooring** *(09 64 29 00-0018)*		
09 64 29 00-0020	SF	2-1/4" Plank Width, 25/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	14.18	1.15
		For Factory Finish, Add	*0.74*	
		For Random Width Floor, Add	*3.21*	
		For Up To 20, Add	*5.17*	
		For >20 To 50, Add	*2.77*	
		For >50 To 100, Add	*1.39*	
		For >100 To 300, Add	*0.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 64 29 00-0021	SF	2-1/4" Plank Width, 25/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	13.11	1.15
		For Factory Finish, Add	*0.64*	
		For Random Width Floor, Add	*2.94*	
		For Up To 20, Add	*5.01*	
		For >20 To 50, Add	*2.66*	
		For >50 To 100, Add	*1.33*	
		For >100 To 300, Add	*0.67*	
09 64 29 00-0022	SF	3" Plank Width, 25/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	13.02	1.15
		For Factory Finish, Add	*0.79*	
		For Random Width Floor, Add	*3.00*	
		For Up To 20, Add	*4.28*	
		For >20 To 50, Add	*2.34*	
		For >50 To 100, Add	*1.17*	
		For >100 To 300, Add	*0.58*	
09 64 29 00-0023	SF	3" Plank Width, 25/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	11.95	1.15
		For Factory Finish, Add	*0.68*	
		For Random Width Floor, Add	*2.73*	
		For Up To 20, Add	*4.12*	
		For >20 To 50, Add	*2.23*	
		For >50 To 100, Add	*1.11*	
		For >100 To 300, Add	*0.56*	

09 64 29 00-0024 33/32" Thick, Unfinished Maple, Wood Strip Flooring *(09 64 29 00-0018)*

09 64 29 00-0025	SF	2-1/4" Plank Width, 33/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	16.50	1.15
		For Factory Finish, Add	*0.97*	
		For Random Width Floor, Add	*3.79*	
		For Up To 20, Add	*5.52*	
		For >20 To 50, Add	*3.00*	
		For >50 To 100, Add	*1.50*	
		For >100 To 300, Add	*0.75*	
09 64 29 00-0026	SF	2-1/4" Plank Width, 33/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	15.06	1.15
		For Factory Finish, Add	*0.83*	
		For Random Width Floor, Add	*3.43*	
		For Up To 20, Add	*5.30*	
		For >20 To 50, Add	*2.86*	
		For >50 To 100, Add	*1.43*	
		For >100 To 300, Add	*0.71*	
09 64 29 00-0027	SF	3" Plank Width, 33/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	15.49	1.15
		For Factory Finish, Add	*1.03*	
		For Random Width Floor, Add	*3.61*	
		For Up To 20, Add	*4.65*	
		For >20 To 50, Add	*2.58*	
		For >50 To 100, Add	*1.29*	
		For >100 To 300, Add	*0.65*	
09 64 29 00-0028	SF	3" Plank Width, 33/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	14.05	1.15
		For Factory Finish, Add	*0.89*	
		For Random Width Floor, Add	*3.25*	
		For Up To 20, Add	*4.43*	
		For >20 To 50, Add	*2.44*	
		For >50 To 100, Add	*1.22*	
		For >100 To 300, Add	*0.61*	

09 64 29 00-0029 Vented Cove Base *(09 64 29)*

09 64 29 00-0030	LF	Vented Cove Base	16.54	

09 64 29 00-0031 Prefinished Engineered Wood Flooring *(09 64 29)*

Note: Glued or nailed. Excludes underlayment. See CSI section 09 64 13 00-0001 for wood flooring underlayment.

09 64 29 00-0032	SF	1/2" Thick, Red Oak, Prefinished Engineered Wood Flooring	15.77	1.15
		For Up To 20, Add	*4.40*	
		For >20 To 50, Add	*2.48*	
		For >50 To 100, Add	*1.24*	
		For >100 To 300, Add	*0.62*	
09 64 29 00-0033	SF	1/2" Thick, White Oak, Prefinished Engineered Wood Flooring	15.77	1.15
		For Up To 20, Add	*4.40*	
		For >20 To 50, Add	*2.48*	
		For >50 To 100, Add	*1.24*	
		For >100 To 300, Add	*0.62*	
09 64 29 00-0034	SF	1/2" Thick, Select Maple, Prefinished Engineered Wood Flooring	15.77	1.15
		For Up To 20, Add	*4.40*	
		For >20 To 50, Add	*2.48*	
		For >50 To 100, Add	*1.24*	
		For >100 To 300, Add	*0.62*	
09 64 29 00-0035	SF	1/2" Thick, Natural Hickory, Prefinished Engineered Wood Flooring	16.16	1.15
		For Up To 20, Add	*4.45*	
		For >20 To 50, Add	*2.52*	
		For >50 To 100, Add	*1.26*	
		For >100 To 300, Add	*0.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 64 29 00-0036	SF	0.625" Thick x 9.5" Wide Engineered Wood Flooring (Garrison Vinyard Oak)	27.44	1.15
		For Up To 20, Add	*6.15*	
		For >20 To 50, Add	*3.65*	
		For >50 To 100, Add	*1.82*	
		For >100 To 300, Add	*0.91*	
09 64 29 00-0037	SF	0.625" Thick x 9.5" Wide Engineered Wood Flooring (Garrison Canyon Oak)	31.60	1.15
		For Up To 20, Add	*6.77*	
		For >20 To 50, Add	*4.06*	
		For >50 To 100, Add	*2.03*	
		For >100 To 300, Add	*1.02*	
09 64 29 00-0038	SF	0.625" Thick x 9.5" Wide Engineered Wood Flooring (Garrison Exotics Natural)	36.98	1.15
		For Up To 20, Add	*7.58*	
		For >20 To 50, Add	*4.60*	
		For >50 To 100, Add	*2.30*	
		For >100 To 300, Add	*1.15*	
09 64 29 00-0039	SF	0.625" Thick x 9.5" Wide Engineered Wood Flooring (Garrison Exotics Tigerwood)	42.95	1.15
		For Up To 20, Add	*8.47*	
		For >20 To 50, Add	*5.20*	
		For >50 To 100, Add	*2.60*	
		For >100 To 300, Add	*1.30*	

09 64 66 Wood Athletic Flooring *(09 64)*

Note: 1-1/2" or 2-1/4" widths. Excludes finish.

09 64 66 00-0001 Wood Gym/Stage/Dance Floors Applied On Existing Subfloor *(09 64 66)*

Note: Includes sanding. Excludes concrete repairs to subbase, subflooring, thresholds, and finishing.

09 64 66 00-0002	SF	25/32" Maple Wood Gym/Stage/Dance Floor	13.51	5.76
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0003	SF	33/32" Maple Wood Gym/Stage/Dance Floor	15.59	5.98
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	

09 64 66 00-0004 Wood Gym/Stage/Dance Floor Systems *(09 64 66)*

Note: Includes sanding. Excludes concrete repairs to subbase, thresholds, and finishing.

09 64 66 00-0005	SF	Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, Two Layers Of Plywood Panel Subfloor With Resilient Pads (Connor DuraCushion) Note: Includes 6 mil polyethylene vapor barrier, two layers of 15/32" plywood subfloor and 3/8" resilient pads.	17.77	7.48
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0006	SF	Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, Two Layers Of Plywood Panel Subfloor With Two Stage Resilient Pads (Connor NeoShok) Note: Includes 6 mil polyethylene vapor barrier, two layers of 15/32" plywood subfloor and 3/4" hemispherical two stage polyurethane resilient pads.	18.52	7.48
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0007	SF	Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, One Layer Of Plywood Subfloor With Continuous Steel Channel Encased Sleepers And Resilient Pads (Connor PermaFlex) Note: Includes 6 mil polyethylene vapor barrier, one layer of 15/32" plywood subfloor, a continuous steel channel encasing a 23/32" fixed sleeper, a 7/16" resilient pad and a 23/32" flex sleeper.	19.92	7.48
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0008	SF	Fixed Resilient 25/32" Maple Wood Gym/Stage/Dance Floor System, One Layer Of Plywood Panel Subfloor With Resilient Pads (Connor Focus) Note: Includes 6 mil polyethylene vapor barrier, one layer of 3/4" subfloor, 9/16" resilient pads and concrete anchors and clips.	19.24	7.48
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0009	SF	Clip And Channel, Fixed 33/32" Maple Wood Gym/Stage/Dance Floor System (Connor PermaLock) Note: Includes 6 mil polyethylene vapor barrier, one layer of 1/2" impregnated fiberboard with channel grooves for 16 gauge steel anchor channel.	22.37	7.48
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	

09 65 Resilient Flooring *(09 60)*

See CSI section 03 54 16 00-0001 for self-leveling underlayment for uneven floors.

09 65 13 Resilient Base and Accessories *(09 65)*

09 65 13 13 Resilient Base *(09 65 13)*

09 65 13 13-0001 Type TV Thermoplastic Vinyl Wall Base *(09 65 13 13)*

Note: Includes inside and outside corners.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 13-0002	LF	2-1/2" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors	4.61	1.22
		For Up To 20, Add	*1.67*	
		For >20 To 40, Add	*0.95*	
		For >40 To 80, Add	*0.35*	
		For >240 To 960, Deduct	*-0.34*	
		For >960, Deduct	*-0.51*	
09 65 13 13-0003	LF	3" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors	5.04	1.22
		For Up To 20, Add	*1.73*	
		For >20 To 40, Add	*0.99*	
		For >40 To 80, Add	*0.37*	
		For >240 To 960, Deduct	*-0.38*	
		For >960, Deduct	*-0.57*	
09 65 13 13-0004	LF	4" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors	5.43	1.22
		For Up To 20, Add	*1.79*	
		For >20 To 40, Add	*1.03*	
		For >40 To 80, Add	*0.39*	
		For >240 To 960, Deduct	*-0.42*	
		For >960, Deduct	*-0.63*	
09 65 13 13-0005	LF	4-1/2" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors	5.81	1.22
		For Up To 20, Add	*1.85*	
		For >20 To 40, Add	*1.07*	
		For >40 To 80, Add	*0.41*	
		For >240 To 960, Deduct	*-0.46*	
		For >960, Deduct	*-0.69*	
09 65 13 13-0006	LF	6" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors	7.20	1.22
		For Up To 20, Add	*2.06*	
		For >20 To 40, Add	*1.21*	
		For >40 To 80, Add	*0.48*	
		For >240 To 960, Deduct	*-0.60*	
		For >960, Deduct	*-0.90*	

09 65 13 13-0007 Type TP Thermoplastic Rubber Wall Base *(09 65 13 13)*

Note: Includes inside and outside corners.

09 65 13 13-0008	LF	2-1/2" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	5.14	1.22
		For Up To 20, Add	*1.75*	
		For >20 To 40, Add	*1.00*	
		For >40 To 80, Add	*0.38*	
		For >240 To 960, Deduct	*-0.39*	
		For >960, Deduct	*-0.59*	
09 65 13 13-0009	LF	3" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	5.68	1.22
		For Up To 20, Add	*1.83*	
		For >20 To 40, Add	*1.06*	
		For >40 To 80, Add	*0.41*	
		For >240 To 960, Deduct	*-0.45*	
		For >960, Deduct	*-0.67*	
09 65 13 13-0010	LF	4" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	5.76	1.22
		For Up To 20, Add	*1.84*	
		For >20 To 40, Add	*1.06*	
		For >40 To 80, Add	*0.41*	
		For >240 To 960, Deduct	*-0.45*	
		For >960, Deduct	*-0.68*	
09 65 13 13-0011	LF	4-1/2" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	6.17	1.22
		For Up To 20, Add	*1.90*	
		For >20 To 40, Add	*1.11*	
		For >40 To 80, Add	*0.43*	
		For >240 To 960, Deduct	*-0.50*	
		For >960, Deduct	*-0.74*	
09 65 13 13-0012	LF	6" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	7.46	1.22
		For Up To 20, Add	*2.10*	
		For >20 To 40, Add	*1.23*	
		For >40 To 80, Add	*0.50*	
		For >240 To 960, Deduct	*-0.62*	
		For >960, Deduct	*-0.94*	
09 65 13 13-0013	LF	2-1/2" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	9.87	1.22
		For Up To 20, Add	*2.46*	
		For >20 To 40, Add	*1.48*	
		For >40 To 80, Add	*0.62*	
		For >240 To 960, Deduct	*-0.87*	
		For >960, Deduct	*-1.30*	
09 65 13 13-0014	LF	3" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	10.39	1.22
		For Up To 20, Add	*2.53*	
		For >20 To 40, Add	*1.53*	
		For >40 To 80, Add	*0.64*	
		For >240 To 960, Deduct	*-0.92*	
		For >960, Deduct	*-1.38*	
09 65 13 13-0015	LF	4" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	12.00	1.22
		For Up To 20, Add	*2.78*	
		For >20 To 40, Add	*1.69*	
		For >40 To 80, Add	*0.72*	
		For >240 To 960, Deduct	*-1.08*	
		For >960, Deduct	*-1.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 13-0016	LF	4-1/2" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	13.07	1.22
		For Up To 20, Add	*2.94*	
		For >20 To 40, Add	*1.80*	
		For >40 To 80, Add	*0.78*	
		For >240 To 960, Deduct	*-1.19*	
		For >960, Deduct	*-1.78*	
09 65 13 13-0017	LF	6" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	18.41	1.22
		For Up To 20, Add	*3.74*	
		For >20 To 40, Add	*2.33*	
		For >40 To 80, Add	*1.04*	
		For >240 To 960, Deduct	*-1.72*	
		For >960, Deduct	*-2.58*	
09 65 13 13-0018		**Type TS Thermoset Vulcanized Rubber Wall Base** *(09 65 13 13)*		
		Note: Includes inside and outside corners.		
09 65 13 13-0019	LF	2-1/2" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors	5.82	1.47
		For Up To 20, Add	*1.85*	
		For >20 To 40, Add	*1.07*	
		For >40 To 80, Add	*0.41*	
		For >240 To 960, Deduct	*-0.46*	
		For >960, Deduct	*-0.69*	
09 65 13 13-0020	LF	3" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors	6.50	1.47
		For Up To 20, Add	*1.95*	
		For >20 To 40, Add	*1.14*	
		For >40 To 80, Add	*0.45*	
		For >240 To 960, Deduct	*-0.53*	
		For >960, Deduct	*-0.79*	
09 65 13 13-0021	LF	4" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors	5.84	1.22
		For Up To 20, Add	*1.85*	
		For >20 To 40, Add	*1.07*	
		For >40 To 80, Add	*0.41*	
		For >240 To 960, Deduct	*-0.46*	
		For >960, Deduct	*-0.69*	
09 65 13 13-0022	LF	4-1/2" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors	6.27	1.22
		For Up To 20, Add	*1.92*	
		For >20 To 40, Add	*1.12*	
		For >40 To 80, Add	*0.44*	
		For >240 To 960, Deduct	*-0.51*	
		For >960, Deduct	*-0.76*	
09 65 13 13-0023	LF	6" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors	8.81	1.47
		For Up To 20, Add	*2.49*	
		For >20 To 40, Add	*1.47*	
		For >40 To 80, Add	*0.59*	
		For >240 To 960, Deduct	*-0.73*	
		For >960, Deduct	*-1.10*	
09 65 13 13-0024		**Thermoset Rubber Wall Base (Type TS)** *(09 65 13 13)*		
		Note: Includes inside and outside premolded corners.		
09 65 13 13-0025	LF	4" High, 1/8" Thermoset Rubber Base, Group I (Solid Colors)	4.65	1.22
09 65 13 13-0026	LF	6" High, 1/8" Thermoset Rubber Base, Group I (Solid Colors)	6.28	1.47
09 65 13 13-0027		**Thermoplastic Rubber Wall Base (Type TP)** *(09 65 13 13)*		
		Note: Includes inside and outside premolded corners.		
09 65 13 13-0028	LF	4" High, 1/8" Thermoplastic Rubber Base, Group I (Solid Colors)	4.44	1.22
09 65 13 13-0029		**Thermoplastic Vinyl Wall Base (Type TV)** *(09 65 13 13)*		
		Note: Includes inside and outside premolded corners.		
09 65 13 13-0030	LF	4" High, 0.080" Thermoplastic Rubber Base, Group I (Solid Colors)	3.52	1.22
09 65 13 13-0031	LF	4" High, 1/8" Thermoplastic Rubber Base, Group I (Solid Colors)	3.69	1.22
09 65 13 23		**Resilient Stair Treads and Risers** *(09 65 13)*		
		Note: All treads have integral nosing. Abrasive strip modifier includes either 1 or 2 strips running the length of the tread. All colors.		
09 65 13 23-0001		**Rubber Stair Treads and Risers** *(09 65 13 23)*		
09 65 13 23-0002		**Raised Disc Or Other Patterned Rubber Stair Tread** *(09 65 13 23-0001)*		
09 65 13 23-0003	LF	3/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	16.27	1.95
		Note: Raised disc or other pattern.		
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0004	LF	1/4" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	17.47	2.10
		Note: Raised disc or other pattern.		
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0005	LF	5/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	21.17	2.24
		Note: Raised disc or other pattern.		
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 23-0006		**Smooth Surface Rubber Stair Tread** *(09 65 13 23-0001)*		
09 65 13 23-0007	LF	3/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Smooth surface.	15.34	1.95
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0008	LF	1/4" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Smooth surface.	16.09	2.10
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0009	LF	5/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Smooth surface.	19.80	2.25
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0010		**Smooth Surface Rubber Stair Riser** *(09 65 13 23-0001)*		
09 65 13 23-0011	LF	1/8" Thick, Smooth Surface Rubber Stair Riser	8.95	1.17
09 65 13 23-0012		**Smooth, Raised Disc or Other Patterned Rubber Landing Mats** *(09 65 13 23-0001)*		
09 65 13 23-0013	SF	1/8" Thick, Rubber Landing Mats Note: Smooth, raised disc or other patterned surface.	27.76	1.81
09 65 13 23-0014	SF	3/16" Thick, Rubber Landing Mats Note: Smooth, raised disc or other patterned surface.	33.29	1.95
09 65 13 23-0015	SF	7/32" Thick, Rubber Landing Mats Note: Smooth, raised disc or other patterned surface.	36.03	2.19
09 65 13 23-0016		**Vinyl Stair Treads and Risers** *(09 65 13 23)*		
09 65 13 23-0017		**Ribbed Vinyl Stair Tread** *(09 65 13 23-0016)*		
09 65 13 23-0018	LF	1/8" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread	18.64	1.78
		For Abrasive Strip, Add	*2.75*	
09 65 13 23-0019	LF	3/16" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread	20.60	1.95
		For Abrasive Strip, Add	*2.75*	
09 65 13 23-0020	LF	1/4" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread	24.92	2.11
		For Abrasive Strip, Add	*2.75*	
09 65 13 23-0021		**Smooth Surface Vinyl Stair Riser** *(09 65 13 23-0016)*		
09 65 13 23-0022	LF	1/8" Thick, 7" High, Smooth Surface Vinyl Stair Riser	10.26	1.17
09 65 13 33		**Resilient Accessories** *(09 65 13)*		
09 65 13 33-0001		**Flexible Self Leveling Cementitious Underlayments** *(09 65 13 33)*		
09 65 13 33-0002	SF	1/8" Thick, Flexible Self Leveling Cementitious Underlayment With Liquid Latex Modifiers	1.84	0.98
09 65 13 33-0003	SF	1/4" Thick, Flexible Self Leveling Cementitious Underlayment With Liquid Latex Modifiers	2.88	0.98
09 65 13 33-0004		**Concrete Floor Prep** *(09 65 13 33)*		
09 65 13 33-0005	SF	Removal Of Glue From Concrete Floor Note: For removal of glue from VCT or carpet placement. Not to be used in conjunction with demolition tasks associated with floor tile installation.	1.22	
09 65 13 36		**Resilient Carpet Transitions** *(09 65 13)*		
09 65 13 36-0001		**Vinyl Transition Strip** *(09 65 13 36)*		
09 65 13 36-0002	LF	Vinyl Transition Strip, Brown Or Black	2.69	0.88
		For >240 To 960, Deduct	*-0.21*	
		For >960, Deduct	*-0.31*	
09 65 13 36-0003	LF	Vinyl Floor Tile Reducer Strip, Brown Or Black	2.38	0.88
		For >240 To 960, Deduct	*-0.18*	
		For >960, Deduct	*-0.27*	
09 65 13 36-0004	LF	Vinyl Floor Tile Feature Strip, Brown Or Black	2.00	0.88
		For >240 To 960, Deduct	*-0.14*	
		For >960, Deduct	*-0.21*	
09 65 13 36-0005	LF	1/4" To 1/8" Material, Narrow, Vinyl, Slim Line Transition (Johnsonite SLT-XX-A)	3.23	1.22
		For Up To 20, Add	*1.26*	
		For >20 To 40, Add	*0.71*	
		For >40 To 80, Add	*0.26*	
		For >240 To 960, Deduct	*-0.23*	
		For >960, Deduct	*-0.34*	
09 65 13 36-0006		**Vinyl, Wheeled Traffic Transitions** *(09 65 13 36)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 36-0007	LF	1/4" To 1/8" Material x 1-3/4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-A)	4.06	1.22
		For Up To 20, Add	*1.39*	
		For >20 To 40, Add	*0.80*	
		For >40 To 80, Add	*0.30*	
		For >240 To 960, Deduct	*-0.31*	
		For >960, Deduct	*-0.46*	
09 65 13 36-0008	LF	1/4" To 1/8" Material x 1", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-C)	4.06	1.22
		For Up To 20, Add	*1.39*	
		For >20 To 40, Add	*0.80*	
		For >40 To 80, Add	*0.30*	
		For >240 To 960, Deduct	*-0.31*	
		For >960, Deduct	*-0.46*	
09 65 13 36-0009	LF	5/16" To 1/16" Or 1/8" Material x 1-5/8", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-D)	5.00	1.22
		For Up To 20, Add	*1.53*	
		For >20 To 40, Add	*0.89*	
		For >40 To 80, Add	*0.35*	
		For >240 To 960, Deduct	*-0.40*	
		For >960, Deduct	*-0.60*	
09 65 13 36-0010	LF	1/4" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-H)	8.34	1.22
		For Up To 20, Add	*2.03*	
		For >20 To 40, Add	*1.22*	
		For >40 To 80, Add	*0.51*	
		For >240 To 960, Deduct	*-0.74*	
		For >960, Deduct	*-1.10*	
09 65 13 36-0011	LF	1/4" To 1/8" Material x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-HL)	8.36	1.22
		For Up To 20, Add	*2.03*	
		For >20 To 40, Add	*1.23*	
		For >40 To 80, Add	*0.52*	
		For >240 To 960, Deduct	*-0.74*	
		For >960, Deduct	*-1.11*	
09 65 13 36-0012	LF	1/4" To 0.08" Or 2 mm Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-HT)	5.50	1.22
		For Up To 20, Add	*1.61*	
		For >20 To 40, Add	*0.94*	
		For >40 To 80, Add	*0.37*	
		For >240 To 960, Deduct	*-0.45*	
		For >960, Deduct	*-0.68*	
09 65 13 36-0013	LF	1/4" Material To Floor x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-J)	8.12	1.22
		For Up To 20, Add	*2.00*	
		For >20 To 40, Add	*1.20*	
		For >40 To 80, Add	*0.50*	
		For >240 To 960, Deduct	*-0.71*	
		For >960, Deduct	*-1.07*	
09 65 13 36-0014	LF	1/4" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-JL)	8.42	1.22
		For Up To 20, Add	*2.04*	
		For >20 To 40, Add	*1.23*	
		For >40 To 80, Add	*0.52*	
		For >240 To 960, Deduct	*-0.74*	
		For >960, Deduct	*-1.12*	
09 65 13 36-0015	LF	3/8" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-K)	7.08	1.22
		For Up To 20, Add	*1.84*	
		For >20 To 40, Add	*1.10*	
		For >40 To 80, Add	*0.45*	
		For >240 To 960, Deduct	*-0.61*	
		For >960, Deduct	*-0.92*	
09 65 13 36-0016	LF	3/8" To 1/4" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-L)	7.74	1.22
		For Up To 20, Add	*1.94*	
		For >20 To 40, Add	*1.16*	
		For >40 To 80, Add	*0.48*	
		For >240 To 960, Deduct	*-0.68*	
		For >960, Deduct	*-1.01*	
09 65 13 36-0017	LF	1/4" To 1/4" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-M)	8.42	1.22
		For Up To 20, Add	*2.04*	
		For >20 To 40, Add	*1.23*	
		For >40 To 80, Add	*0.52*	
		For >240 To 960, Deduct	*-0.74*	
		For >960, Deduct	*-1.12*	
09 65 13 36-0018	LF	1/8" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-N)	6.95	1.22
		For Up To 20, Add	*1.82*	
		For >20 To 40, Add	*1.09*	
		For >40 To 80, Add	*0.45*	
		For >240 To 960, Deduct	*-0.60*	
		For >960, Deduct	*-0.90*	
09 65 13 36-0019	LF	3/8" Material To Floor x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-P)	5.86	1.22
		For Up To 20, Add	*1.66*	
		For >20 To 40, Add	*0.98*	
		For >40 To 80, Add	*0.39*	
		For >240 To 960, Deduct	*-0.49*	
		For >960, Deduct	*-0.73*	
09 65 13 36-0020	LF	3/8" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-PL)	8.66	1.22
		For Up To 20, Add	*2.08*	
		For >20 To 40, Add	*1.26*	
		For >40 To 80, Add	*0.53*	
		For >240 To 960, Deduct	*-0.77*	
		For >960, Deduct	*-1.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 36-0021	LF	1/2" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Q)	11.18	1.22
		For Up To 20, Add	*2.46*	
		For >20 To 40, Add	*1.51*	
		For >40 To 80, Add	*0.66*	
		For >240 To 960, Deduct	*-1.02*	
		For >960, Deduct	*-1.53*	
09 65 13 36-0022	LF	0.08" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-X)	5.69	1.22
		For Up To 20, Add	*1.63*	
		For >20 To 40, Add	*0.96*	
		For >40 To 80, Add	*0.38*	
		For >240 To 960, Deduct	*-0.47*	
		For >960, Deduct	*-0.71*	
09 65 13 36-0023	LF	0.08" To 0.08" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Y)	5.77	1.22
		For Up To 20, Add	*1.65*	
		For >20 To 40, Add	*0.97*	
		For >40 To 80, Add	*0.39*	
		For >240 To 960, Deduct	*-0.48*	
		For >960, Deduct	*-0.72*	
09 65 13 36-0024	LF	0.08" To 3/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Z)	6.56	1.22
		For Up To 20, Add	*1.76*	
		For >20 To 40, Add	*1.05*	
		For >40 To 80, Add	*0.43*	
		For >240 To 960, Deduct	*-0.56*	
		For >960, Deduct	*-0.84*	

09 65 16 Resilient Sheet Flooring *(09 65)*

Note: Includes mastic and cleaning floor after installation is complete.

09 65 16 23 Vinyl Sheet Flooring *(09 65 16)*

09 65 16 23-0001 Vinyl Sheet Flooring *(09 65 16 23)*

Note: For flash cove application, add additional square foot of material to form cove base.

09 65 16 23-0002	SF	0.080" Overall Thickness, 0.080" Wear Layer, Homogeneous, Commercial Vinyl Sheet Flooring	11.83	0.73
		For >40 To 100, Add	*2.15*	
		For >1,000, Deduct	*-1.03*	
		For Up To 40, Add	*4.30*	
09 65 16 23-0003	SF	0.080" Overall Thickness, 0.060" Wear Layer, Homogeneous, Commercial Vinyl Sheet Flooring	9.64	0.73
		For >40 To 100, Add	*1.93*	
		For >1,000, Deduct	*-0.82*	
		For Up To 40, Add	*3.87*	
09 65 16 23-0004	SF	0.080" Overall Thickness, 0.050" Wear Layer, Inlaid With Polyglass Backing, Commercial Vinyl Sheet Flooring	6.24	0.73
		For >40 To 100, Add	*1.59*	
		For >1,000, Deduct	*-0.48*	
		For Up To 40, Add	*3.19*	
09 65 16 23-0005	SF	0.080" Overall Thickness, 0.040" Wear Layer, Inlaid With Polyglass Backing, Commercial Vinyl Sheet Flooring	8.25	0.73
		For >40 To 100, Add	*1.79*	
		For >1,000, Deduct	*-0.68*	
		For Up To 40, Add	*3.59*	
09 65 16 23-0006	SF	0.080" Overall Thickness, 0.060" Wear Layer, Inlaid With Felt Backing, Commercial Vinyl Sheet Flooring	10.95	0.73
		For >40 To 100, Add	*2.06*	
		For >1,000, Deduct	*-0.95*	
		For Up To 40, Add	*4.13*	
09 65 16 23-0007	SF	0.080" Overall Thickness, 0.020" Wear Layer, Slip Retardant Surface, Commercial Vinyl Sheet Flooring	15.19	0.73
		For >40 To 100, Add	*2.49*	
		For >1,000, Deduct	*-1.37*	
		For Up To 40, Add	*4.98*	

09 65 16 23-0008 Heat Welding Vinyl Sheet Flooring Seams *(09 65 16 23)*

Note: For areas requiring seamless installations and superior infection control. Includes routing or hand grooving seams, installing welding rod with heat welding gun, trimming the weld rod flush with the floor surface and applying a protective finish to seam.

09 65 16 23-0009	LF	Heat Weld Non-Patterned Vinyl Sheet Flooring Seams	6.95
09 65 16 23-0010	LF	Heat Weld Patterned Vinyl Sheet Flooring Seams	7.42

09 65 16 23-0011 Forming Vinyl Sheet Flooring Inside/Outside Cove Corners *(09 65 16 23)*

Note: Excludes heat welding.

09 65 16 23-0012	EA	Forming Vinyl Sheet Flooring Inside/Outside Cove Corners	16.28

09 65 16 23-0013 Vinyl Sheet Flooring Accessories *(09 65 16 23)*

09 65 16 23-0014	LF	1/2" Radius Vinyl Cove Filler Strip	4.46
09 65 16 23-0015	LF	1-1/4" Radius Vinyl Cove Filler Strip	3.98
09 65 16 23-0016	LF	1-1/2" Radius Vinyl Cove Filler Strip	6.17
09 65 16 23-0017	LF	1/8" Aluminum Cove Cap	3.04

09 65 19 Resilient Tile Flooring *(09 65)*

Note: Includes mastic and cleaning floor after installation is complete. Demolition includes removal of the tile and adhesive and cleaning of the surface for a new floor.

09 65 19 19 Vinyl Composition Tile Flooring *(09 65 19)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 19 19-0001		**Vinyl Composition Tile (VCT)** *(09 65 19 19)* Note: The following vinyl composition tiles are certified to ASTM F 1066 Class 1 solid color tile, Class 2 through pattern tile or Class 3 surface pattern tile as listed in the task description.		
09 65 19 19-0002	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon Imperial Texture®)	4.46	1.47
		For Extra Stock, Material Only, Deduct	*-1.72*	
		For 3/32" Thick, Deduct	*-0.27*	
		For >1,000 To 3,000, Deduct	*-0.10*	
		For >3,000 To 6,000, Deduct	*-0.24*	
		For >6,000, Deduct	*-0.43*	
09 65 19 19-0003	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon MultiColor™)	4.29	1.47
		For Extra Stock, Material Only, Deduct	*-1.72*	
		For >1,000 To 3,000, Deduct	*-0.09*	
		For >3,000 To 6,000, Deduct	*-0.23*	
		For >6,000, Deduct	*-0.42*	
09 65 19 19-0004	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon Rave®)	4.29	1.47
		For Extra Stock, Material Only, Deduct	*-1.72*	
		For >1,000 To 3,000, Deduct	*-0.09*	
		For >3,000 To 6,000, Deduct	*-0.23*	
		For >6,000, Deduct	*-0.42*	
09 65 19 19-0005	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® ChromaSpin™)	6.57	1.47
		For Extra Stock, Material Only, Deduct	*-1.72*	
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.33*	
		For >6,000, Deduct	*-0.56*	
09 65 19 19-0006	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Excelon Companion Square®)	6.60	1.47
		For Extra Stock, Material Only, Deduct	*-1.72*	
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.33*	
		For >6,000, Deduct	*-0.56*	
09 65 19 19-0007	SF	1/8" Thick, Class 3 Surface Pattern, Vinyl Composition Tile (VCT) (Armstrong® Arteffects®)	7.03	1.47
		For Extra Stock, Material Only, Deduct	*-1.72*	
		For >1,000 To 3,000, Deduct	*-0.15*	
		For >3,000 To 6,000, Deduct	*-0.34*	
		For >6,000, Deduct	*-0.58*	
09 65 19 19-0008	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Excelon Stonetex®)	7.10	1.47
		For Extra Stock, Material Only, Deduct	*-1.72*	
		For >1,000 To 3,000, Deduct	*-0.15*	
		For >3,000 To 6,000, Deduct	*-0.35*	
		For >6,000, Deduct	*-0.59*	
09 65 19 19-0009	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Raffia™)	7.38	1.47
		For Extra Stock, Material Only, Deduct	*-1.72*	
		For >1,000 To 3,000, Deduct	*-0.16*	
		For >3,000 To 6,000, Deduct	*-0.36*	
		For >6,000, Deduct	*-0.61*	
09 65 19 19-0010	SF	1/8" Thick, Slip Retardant, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Safety Zone™)	9.87	1.47
		For Extra Stock, Material Only, Deduct	*-1.72*	
		For >1,000 To 3,000, Deduct	*-0.21*	
		For >3,000 To 6,000, Deduct	*-0.46*	
		For >6,000, Deduct	*-0.76*	
09 65 19 19-0011	SF	1/8" Thick, Class 1 Solid Color, Vinyl Composition Tile (VCT) (Armstrong® Excelon Feature™)	10.85	1.47
		For Extra Stock, Material Only, Deduct	*-1.72*	
		For >1,000 To 3,000, Deduct	*-0.23*	
		For >3,000 To 6,000, Deduct	*-0.50*	
		For >6,000, Deduct	*-0.81*	
09 65 19 19-0012		**Static Dissipative Vinyl Composition Tile (VCT)** *(09 65 19 19)* Note: The following vinyl composition tiles are certified to ASTM F 1066 Class 2 through pattern tile as listed in the task description.		
09 65 19 19-0013	SF	1/8" Thick, Static Dissipative, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® SDT™)	19.51	1.47
		For Extra Stock, Material Only, Deduct	*-2.90*	
		For >1,000 To 3,000, Deduct	*-0.41*	
		For >3,000 To 6,000, Deduct	*-0.89*	
		For >6,000, Deduct	*-1.45*	
09 65 19 19-0014	SF	1/8" Thick, Static Dissipative, Solid Vinyl Composition Tile (VCT) (Staticworx, Ameriworx® ESD)	14.84	1.47
		For Extra Stock, Material Only, Deduct	*-2.90*	
		For Up To 20, Add	*3.45*	
		For >20 To 40, Add	*2.09*	
		For >40 To 80, Add	*0.89*	
		For >1,000 To 3,000, Deduct	*-0.31*	
		For >3,000 To 6,000, Deduct	*-0.70*	
		For >6,000, Deduct	*-1.16*	
09 65 19 23		**Vinyl Tile Flooring** *(09 65 19)*		
09 65 19 23-0001		**Vinyl Tile** *(09 65 19 23)* Note: Any size.		
09 65 19 23-0002		**Solid Vinyl Tile (SVT)** *(09 65 19 23-0001)* Note: The following solid vinyl tiles are certified to ASTM F 1700.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 19 23-0003	SF	1/8" Thick, Class 1 Type A, Homogeneous, Standard Colors, Solid Vinyl Tile (SVT)	5.95	1.47
		For Up To 20, Add	*1.89*	
		For >20 To 40, Add	*1.10*	
		For >40 To 80, Add	*0.42*	
		For >1,000 To 3,000, Deduct	*-0.13*	
		For >3,000 To 6,000, Deduct	*-0.33*	
		For >6,000, Deduct	*-0.58*	
09 65 19 23-0004	SF	1/8" Thick, Class 1 Type A, Homogeneous, Marbleized Or Travertine Pattern, Solid Vinyl Tile (SVT)	6.23	1.47
		For Up To 20, Add	*1.93*	
		For >20 To 40, Add	*1.12*	
		For >40 To 80, Add	*0.44*	
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.34*	
		For >6,000, Deduct	*-0.60*	
09 65 19 23-0005	SF	1/8" Thick, Class 1 Type B, Homogeneous, Slip Retardant, Solid Vinyl Tile (SVT)	6.32	1.47
		For Up To 20, Add	*1.95*	
		For >20 To 40, Add	*1.13*	
		For >40 To 80, Add	*0.44*	
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.34*	
		For >6,000, Deduct	*-0.60*	
09 65 19 23-0006		**Luxury Vinyl Tile (LVT)** *(09 65 19 23-0001)*		
09 65 19 23-0007	SF	2.5mm Thick, 40 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Mannington Amtico)	11.34	1.47
		For Up To 20, Add	*2.70*	
		For >20 To 40, Add	*1.63*	
		For >40 To 80, Add	*0.69*	
		For >1,000 To 3,000, Deduct	*-0.24*	
		For >3,000 To 6,000, Deduct	*-0.54*	
		For >6,000, Deduct	*-0.91*	
09 65 19 23-0008	SF	3mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Crete)	6.66	1.95
		For Up To 20, Add	*2.00*	
		For >20 To 40, Add	*1.17*	
		For >40 To 80, Add	*0.46*	
		For >1,000 To 3,000, Deduct	*-0.15*	
		For >3,000 To 6,000, Deduct	*-0.35*	
		For >6,000, Deduct	*-0.62*	
09 65 19 23-0009	SF	3mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Jeogori)	6.88	1.95
		For Up To 20, Add	*2.03*	
		For >20 To 40, Add	*1.19*	
		For >40 To 80, Add	*0.47*	
		For >1,000 To 3,000, Deduct	*-0.15*	
		For >3,000 To 6,000, Deduct	*-0.36*	
		For >6,000, Deduct	*-0.64*	
09 65 19 23-0010	SF	2.5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) Plank (Shaw Grain Direct Glue)	6.46	1.95
		For Up To 20, Add	*1.97*	
		For >20 To 40, Add	*1.15*	
		For >40 To 80, Add	*0.45*	
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.35*	
		For >6,000, Deduct	*-0.61*	
09 65 19 23-0011	SF	2.5mm Thick, 20 Mil Wear Layer, Glue-down Luxury Vinyl Tile (LVT) Plank (Shaw Pigment Direct Glue)	6.87	1.95
		For Up To 20, Add	*2.03*	
		For >20 To 40, Add	*1.19*	
		For >40 To 80, Add	*0.47*	
		For >1,000 To 3,000, Deduct	*-0.15*	
		For >3,000 To 6,000, Deduct	*-0.36*	
		For >6,000, Deduct	*-0.64*	
09 65 19 23-0012	SF	2.5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) Plank (Shaw Terrain II 20 MIL 2.5MM)	5.64	1.47
		For Up To 20, Add	*1.85*	
		For >20 To 40, Add	*1.06*	
		For >40 To 80, Add	*0.41*	
		For >1,000 To 3,000, Deduct	*-0.13*	
		For >3,000 To 6,000, Deduct	*-0.31*	
		For >6,000, Deduct	*-0.56*	
09 65 19 23-0013	SF	5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) Plank (Shaw Terrain II 20 MIL 5.0MM)	7.55	1.47
		For Up To 20, Add	*2.13*	
		For >20 To 40, Add	*1.26*	
		For >40 To 80, Add	*0.50*	
		For >1,000 To 3,000, Deduct	*-0.16*	
		For >3,000 To 6,000, Deduct	*-0.39*	
		For >6,000, Deduct	*-0.68*	
09 65 19 23-0014	SF	2.5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Compound 2.5MM)	6.62	1.95
		For Up To 20, Add	*1.99*	
		For >20 To 40, Add	*1.16*	
		For >40 To 80, Add	*0.46*	
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.35*	
		For >6,000, Deduct	*-0.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 19 23-0015	SF	5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Compound 5.0MM)	7.56	1.95
		For Up To 20, Add	*2.13*	
		For >20 To 40, Add	*1.26*	
		For >40 To 80, Add	*0.50*	
		For >1,000 To 3,000, Deduct	*-0.16*	
		For >3,000 To 6,000, Deduct	*-0.39*	
		For >6,000, Deduct	*-0.68*	
09 65 19 23-0016	SF	2.5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Cast 2.5MM)	6.62	1.95
		For Up To 20, Add	*1.99*	
		For >20 To 40, Add	*1.16*	
		For >40 To 80, Add	*0.46*	
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.35*	
		For >6,000, Deduct	*-0.62*	
09 65 19 23-0017	SF	5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Cast 5.0MM)	7.56	1.95
		For Up To 20, Add	*2.13*	
		For >20 To 40, Add	*1.26*	
		For >40 To 80, Add	*0.50*	
		For >1,000 To 3,000, Deduct	*-0.16*	
		For >3,000 To 6,000, Deduct	*-0.39*	
		For >6,000, Deduct	*-0.68*	
09 65 19 23-0018	SF	5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) Plank (Shaw Inlet II)	7.72	1.95
		For Up To 20, Add	*2.16*	
		For >20 To 40, Add	*1.27*	
		For >40 To 80, Add	*0.51*	
		For >1,000 To 3,000, Deduct	*-0.17*	
		For >3,000 To 6,000, Deduct	*-0.40*	
		For >6,000, Deduct	*-0.69*	
09 65 19 23-0019	SF	5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) Plank (Shaw Cove)	7.62	1.95
		For Up To 20, Add	*2.14*	
		For >20 To 40, Add	*1.26*	
		For >40 To 80, Add	*0.51*	
		For >1,000 To 3,000, Deduct	*-0.16*	
		For >3,000 To 6,000, Deduct	*-0.39*	
		For >6,000, Deduct	*-0.68*	
09 65 19 23-0020	SF	6mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Basis)	8.42	1.95
		For Up To 20, Add	*2.26*	
		For >20 To 40, Add	*1.34*	
		For >40 To 80, Add	*0.55*	
		For >1,000 To 3,000, Deduct	*-0.18*	
		For >3,000 To 6,000, Deduct	*-0.42*	
		For >6,000, Deduct	*-0.73*	
09 65 19 23-0021	SF	5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Thoughtful)	7.67	1.95
		For Up To 20, Add	*2.15*	
		For >20 To 40, Add	*1.27*	
		For >40 To 80, Add	*0.51*	
		For >1,000 To 3,000, Deduct	*-0.17*	
		For >3,000 To 6,000, Deduct	*-0.39*	
		For >6,000, Deduct	*-0.69*	
09 65 19 23-0022	SF	3mm Thick, 30 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) Plank (Shaw Unveil)	6.48	1.95
		For Up To 20, Add	*1.97*	
		For >20 To 40, Add	*1.15*	
		For >40 To 80, Add	*0.45*	
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.35*	
		For >6,000, Deduct	*-0.61*	
09 65 19 23-0023	SF	2.5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) Plank (Shaw Abide)	5.99	1.95
		For Up To 20, Add	*1.90*	
		For >20 To 40, Add	*1.10*	
		For >40 To 80, Add	*0.42*	
		For >1,000 To 3,000, Deduct	*-0.13*	
		For >3,000 To 6,000, Deduct	*-0.33*	
		For >6,000, Deduct	*-0.58*	
09 65 19 23-0024	SF	5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) Plank (Shaw Solitude)	6.92	1.47
		For Up To 20, Add	*2.04*	
		For >20 To 40, Add	*1.19*	
		For >40 To 80, Add	*0.47*	
		For >1,000 To 3,000, Deduct	*-0.15*	
		For >3,000 To 6,000, Deduct	*-0.36*	
		For >6,000, Deduct	*-0.64*	
09 65 19 23-0025	SF	2.5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) Plank (Shaw Strand)	6.18	1.47
		For Up To 20, Add	*1.93*	
		For >20 To 40, Add	*1.12*	
		For >40 To 80, Add	*0.43*	
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.33*	
		For >6,000, Deduct	*-0.60*	
09 65 19 23-0026	SF	2.5mm Thick, 22 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Function 2.5MM)	5.58	1.47
		For Up To 20, Add	*1.84*	
		For >20 To 40, Add	*1.06*	
		For >40 To 80, Add	*0.40*	
		For >1,000 To 3,000, Deduct	*-0.12*	
		For >3,000 To 6,000, Deduct	*-0.31*	
		For >6,000, Deduct	*-0.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 19 23-0027	SF	5mm Thick, 22 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Function 5.0MM)	7.36	1.47
		For Up To 20, Add	*2.10*	
		For >20 To 40, Add	*1.24*	
		For >40 To 80, Add	*0.49*	
		For >1,000 To 3,000, Deduct	*-0.16*	
		For >3,000 To 6,000, Deduct	*-0.38*	
		For >6,000, Deduct	*-0.67*	
09 65 19 23-0028	SF	2.5mm Thick, 22 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Flow 2.5MM)	5.58	1.47
		For Up To 20, Add	*1.84*	
		For >20 To 40, Add	*1.06*	
		For >40 To 80, Add	*0.40*	
		For >1,000 To 3,000, Deduct	*-0.12*	
		For >3,000 To 6,000, Deduct	*-0.31*	
		For >6,000, Deduct	*-0.56*	
09 65 19 23-0029	SF	5mm Thick, 22 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Flow 5.0MM)	7.36	1.47
		For Up To 20, Add	*2.10*	
		For >20 To 40, Add	*1.24*	
		For >40 To 80, Add	*0.49*	
		For >1,000 To 3,000, Deduct	*-0.16*	
		For >3,000 To 6,000, Deduct	*-0.38*	
		For >6,000, Deduct	*-0.67*	
09 65 19 23-0030	SF	2.5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Joy Squared)	6.62	1.47
		For Up To 20, Add	*1.99*	
		For >20 To 40, Add	*1.16*	
		For >40 To 80, Add	*0.46*	
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.35*	
		For >6,000, Deduct	*-0.62*	

09 65 19 33 Rubber Tile Flooring *(09 65 19)*

09 65 19 33-0001 Rubber Tile *(09 65 19 33)*

09 65 19 33-0002 Rubber Tile With Raised Discs, Assorted Colors *(09 65 19 33-0001)*

09 65 19 33-0003	SF	1/8" Thick Rubber Tile With Raised Discs Note: Smooth, raised disc or other patterned surface.	24.30	0.88
		For Up To 100, Add	*1.31*	
09 65 19 33-0004	SF	3/16" Thick Rubber Tile With Raised Discs Note: Smooth, raised disc or other patterned surface.	29.49	0.98
		For Up To 100, Add	*1.57*	
09 65 19 33-0005	SF	7/32" Thick Rubber Tile With Raised Discs Note: Smooth, raised disc or other patterned surface.	32.73	1.17
		For Up To 100, Add	*1.75*	

09 65 19 43 Polyester Composition Tile Flooring *(09 65 19)*

09 65 19 43-0001 Polyester Composition Floor Tile *(09 65 19 43)*

Note: Any size.

09 65 19 43-0002	SF	1/8" Thick, Polyester Composition Floor Tile (Armstrong® BioBased Tile® Migrations®)	10.42	1.47
		For Extra Stock, Material Only, Deduct	*-1.72*	
		For >1,000 To 3,000, Deduct	*-0.22*	
		For >3,000 To 6,000, Deduct	*-0.48*	
		For >6,000, Deduct	*-0.79*	
09 65 19 43-0003	SF	1/8" Thick, Polyester Composition Floor Tile (Armstrong® BioBased Tile® Striations®)	7.68	1.47
		For Extra Stock, Material Only, Deduct	*-1.72*	
		For >1,000 To 3,000, Deduct	*-0.16*	
		For >3,000 To 6,000, Deduct	*-0.37*	
		For >6,000, Deduct	*-0.62*	

09 65 23 Resilient Plank Flooring *(09 65)*

Note: Includes mastic and cleaning floor after installation is complete.

09 65 23 00-0001 Vinyl Plank Flooring *(09 65 23)*

09 65 23 00-0002	SF	0.110" Overall Thickness, 0.012" Wear Layer, Vinyl Plank Flooring (Armstrong® Luxe Plank™)	7.02	0.73
		For >40 To 100, Add	*1.67*	
		For >1,000, Deduct	*-0.55*	
		For Up To 40, Add	*3.34*	
09 65 23 00-0003	SF	0.135" Overall Thickness, 0.020" Wear Layer, Vinyl Plank Flooring (Armstrong® Luxe Plank™)	8.80	0.73
		For >40 To 100, Add	*1.85*	
		For >1,000, Deduct	*-0.73*	
		For Up To 40, Add	*3.70*	
09 65 23 00-0004	SF	0.16" Overall Thickness, 0.020" Wear Layer, Vinyl Plank Flooring (Armstrong® Luxe Plank™)	9.90	0.73
		For >40 To 100, Add	*1.96*	
		For >1,000, Deduct	*-0.84*	
		For Up To 40, Add	*3.92*	
09 65 23 00-0005	SF	2.5mm Thick, 20 Mil Wear Layer, Glue-down, PVC Free, Resilient Plank Flooring (Shaw Pivot)	6.26	1.47
		For Up To 20, Add	*1.94*	
		For >20 To 40, Add	*1.13*	
		For >40 To 80, Add	*0.44*	
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.34*	
		For >6,000, Deduct	*-0.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 43		**Linoleum Flooring** *(09 65)*		
		Note: Includes mastic and cleaning floor after installation is complete.		
09 65 43 00-0001		Linoleum Flooring *(09 65 43)*		
09 65 43 00-0002	SF	Linoleum Tile (Forbo Marmoleum Composition Tile, MCT)	7.42	1.47
09 65 43 00-0003	SF	2.5 mm, Linoleum Sheet (Forbo Marmoleum)	5.60	0.73
		For 3.2mm Thickness, Add	*0.82*	
		For 2mm Thickness, Deduct	*-0.39*	
09 65 43 00-0004	LF	Heat Weld Linoleum Sheet Flooring Seams	6.96	
		Note: For areas requiring seamless installations and superior infection control. Includes routing or hand grooving seams, installing welding rod with heat welding gun, trimming the weld rod flush with the floor surface and applying a protective finish to seam.		
09 65 66		**Resilient Athletic Flooring** *(09 65)*		
09 65 66 00-0001		Recycled Rubber, Interlocking Athletic Tiles *(09 65 66)*		
09 65 66 00-0002	SF	3/8" Height, Recycled Rubber, Interlocking Athletic Tile	8.03	0.68
		For Colors, Add	*1.41*	
09 65 66 00-0003	SF	1/2" Height, Recycled Rubber, Interlocking Athletic Tile	9.32	0.86
		For Colors, Add	*1.62*	
09 65 66 00-0004	SF	3/4" Height, Recycled Rubber, Interlocking Athletic Tile	10.76	1.37
		For Colors, Add	*1.76*	
09 65 66 00-0005	SF	1" Height, Recycled Rubber, Interlocking Athletic Tile	15.68	1.66
		For Colors, Add	*2.66*	
09 65 66 00-0006		Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tiles *(09 65 66)*		
09 65 66 00-0007	SF	3/8" Height, Black Hammered Surface, Closed Cell, 100 Percent Virgin Rubber, Hidden Interlocking Athletic Tile (Pawling HL-155)	43.22	0.68
		For Colors, Add	*5.28*	
09 65 66 00-0008	SF	9/16" Height, Black Raised Squares Surface, Closed Cell, 100 Percent Virgin Rubber, Hidden Interlocking Athletic Tile (Pawling HL-100)	62.59	0.68
		For Colors, Add	*7.70*	
09 65 66 00-0009	SF	3/8" Height, Black Raised Discs Surface, Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tile (Pawling PL-100)	45.66	0.68
		For Colors, Add	*5.59*	
09 65 66 00-0010	SF	9/16" Height, Black Raised Nubs Surface, Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tile (Pawling PL-200)	56.22	0.68
		For Colors, Add	*6.91*	
09 65 66 00-0011	SF	7/16" Height, Black Reversible Hammered Surface, Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tile (Pawling FL-150)	46.96	0.68
		For Colors, Add	*5.75*	
09 66		**Terrazzo Flooring** *(09 60)*		
09 66 13		**Portland Cement Terrazzo Flooring** *(09 66)*		
		Note: Excludes divider strips. See CSI section 09 66 33 00-0000 for conductive terrazzo.		
09 66 13 13		**Sand Cushion Terrazzo Flooring** *(09 66 13)*		
09 66 13 13-0001		Floors Not Bonded To Concrete *(09 66 13 13)*		
		Note: 3" Thick - 5/8" topping and 1/4" sand cushion.		
09 66 13 13-0002	SF	Terrazzo Floor, Not Bonded, Gray Cement 3" Thick With 5/8" Topping, 1/4" Sand Cushion	35.27	3.11
		For Venetian Type Terrazzo, Add	*9.33*	
		For Abrasive Heavy-Duty Terrazzo, Add	*9.33*	
		For Colors, Add	*4.66*	
		For Up To 100, Add	*8.51*	
		For >100 To 250, Add	*4.26*	
09 66 13 13-0003	SF	Terrazzo Floor, Not Bonded, White Cement 3" Thick With 5/8" Topping, 1/4" Sand Cushion	35.45	3.11
		For Venetian Type Terrazzo, Add	*9.42*	
		For Abrasive Heavy-Duty Terrazzo, Add	*9.42*	
		For Colors, Add	*4.71*	
		For Up To 100, Add	*8.53*	
		For >100 To 250, Add	*4.27*	
09 66 13 16		**Monolithic Terrazzo Flooring** *(09 66 13)*		
09 66 13 16-0001		Monolithic Terrazzo *(09 66 13 16)*		
09 66 13 16-0002	SF	Monolithic Terrazzo, 3-1/2" Base 5/8" Topping, 4' To 5' Square Panels Topping	19.62	3.11
		Note: Including Mesh And Felt		
		For Venetian Type Terrazzo, Add	*6.79*	
		For Abrasive Heavy-Duty Terrazzo, Add	*6.79*	
		For Colors, Add	*3.40*	
		For Up To 100, Add	*3.77*	
		For >100 To 250, Add	*1.89*	
09 66 13 19		**Bonded Terrazzo Flooring** *(09 66 13)*		
09 66 13 19-0001		Floors Bonded To Concrete *(09 66 13 19)*		
		Note: 1-3/4" Thick - 5/8" topping.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 66 13 19-0002	SF	Terrazzo Floor, Bonded To Concrete, Gray Cement 1-3/4" Thick With 5/8" Topping	28.16	3.11
		For Venetian Type Terrazzo, Add	*7.70*	
		For Abrasive Heavy-Duty Terrazzo, Add	*7.70*	
		For Colors, Add	*3.85*	
		For Up To 100, Add	*6.65*	
		For >100 To 250, Add	*3.32*	
09 66 13 19-0003	SF	Terrazzo Floor, Bonded To Concrete, White Cement 1-3/4" Thick With 5/8" Topping	28.34	3.11
		For Venetian Type Terrazzo, Add	*7.79*	
		For Abrasive Heavy-Duty Terrazzo, Add	*7.79*	
		For Colors, Add	*3.89*	
		For Up To 100, Add	*6.67*	
		For >100 To 250, Add	*3.33*	
09 66 13 19-0004		**Terrazzo Wainscot** *(09 66 13 19)*		
09 66 13 19-0005	SF	1-1/2" Thick Terrazzo Wainscot, Cast In Place, Bonded To Concrete Or Masonry	37.64	4.16
		For Venetian Type Terrazzo, Add	*4.98*	
09 66 13 19-0006		**Terrazzo Base** *(09 66 13 19)*		
09 66 13 19-0007	SF	6" Cove Type Terrazzo Base, Cast In Place, Bonded To Concrete Or Masonry	37.08	2.76
		For Venetian Type Terrazzo, Add	*10.86*	
09 66 13 19-0008		**Terrazzo Curb** *(09 66 13 19)*		
09 66 13 19-0009	LF	6" x 6" Terrazzo Curb, Cast In Place, Polished Top And 2 Faces	90.37	18.42
		For Venetian Type Terrazzo, Add	*14.49*	
09 66 13 19-0010		**Stairs Cast In Place** *(09 66 13 19)*		
		Note: Topping applied to concrete or metal.		
09 66 13 19-0011	LF	1-1/2" Thick x 12" Wide, Terrazzo Stair, Cast In Place, Bonded To Concrete Or Metal	38.34	6.23
		For Each SF Of Abrasive Surface Finish, Add	*0.35*	
		For Each LF Of Embedded Abrasive Strips, Add	*0.56*	
		For Each LF Of Abrasive Metal Nosing, Add	*3.90*	
		For Each SF Of Landings, Add	*1.50*	
09 66 13 19-0012	LF	Terrazzo Stair Tread And Riser, Cast In Place, Bonded To Concrete Or Metal	95.52	20.76
		For Each SF Of Abrasive Surface Finish, Add	*0.35*	
		For Each LF Of Embedded Abrasive Strips, Add	*0.56*	
		For Each LF Of Abrasive Metal Nosing, Add	*3.90*	
		For Each SF Of Landings, Add	*1.50*	
09 66 13 19-0013	SF	Terrazzo Stair Stringer And Fascia, Cast In Place, Bonded To Concrete Or Metal	38.88	6.23
		For Each SF Of Abrasive Surface Finish, Add	*0.35*	
		For Each LF Of Embedded Abrasive Strips, Add	*0.56*	
		For Each LF Of Abrasive Metal Nosing, Add	*3.90*	
		For Each SF Of Landings, Add	*1.50*	
09 66 13 19-0014		**Divider Strips** *(09 66 13 19)*		
09 66 13 19-0015	LF	1-1/4" Deep, 14 Gauge, Zinc Plated Steel, Divider Strip	5.92	1.04
09 66 13 19-0016	LF	1-1/4" Deep, 14 Gauge, Brass, Divider Strip	6.47	1.04
09 66 13 19-0017	LF	1-1/4" Deep, 1/4" Thick, Zinc Plated Steel, Heavy Top Strip	9.18	1.04
09 66 13 19-0018	LF	1-1/4" Deep, 1/4" Thick, Galvanized Steel Bottom, Brass, Heavy Top Strip	13.59	1.04
09 66 13 19-0019	LF	1/2" x 1/2", 16 Gauge, Zinc Plated Steel, Divider Strip For Thin Set Floors	5.69	1.04
09 66 13 19-0020	LF	1/2" x 1/2", 16 Gauge, Brass, Divider Strip For Thin Set Floors	8.47	1.04
09 66 13 19-0021	LF	Vinyl Plastic, Divider Strip For Floor	6.58	1.04
09 66 16		**Terrazzo Floor Tile** *(09 66)*		
09 66 16 13		**Portland Cement Terrazzo Floor Tile** *(09 66 16)*		
09 66 16 13-0001		**Flooring Tiles** *(09 66 16 13)*		
		Note: Gray cement setting bed 3/16" polyester matrix or 1/2" cement matrix 12" x 12".		
09 66 16 13-0002		**Terrazzo Tiles With Non-Slip Surface** *(09 66 16 13-0001)*		
09 66 16 13-0003	SF	9" x 9" x 1" Non-Slip Precast Terrazzo, Thin Set Floor Tile	32.99	3.10
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0004	SF	12" x 12" x 1" Non-Slip Precast Terrazzo, Thin Set Floor Tile	33.64	3.10
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0005	SF	12" x 12" x 1-1/2" Non-Slip Precast Terrazzo, Thin Set Floor Tile	38.90	3.10
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0006	SF	18" x 18" x 1-1/2" Non-Slip Precast Terrazzo, Thin Set Floor Tile	41.52	3.10
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0007	SF	24" x 24" x 1-1/2" Non-Slip Precast Terrazzo, Thin Set Floor Tile	43.33	3.10
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0008		**Terrazzo Tile Thin Set** *(09 66 16 13-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 66 16 13-0009	SF	Precast Terrazzo, 1/4" To 1/2" Chips Floor Tiles, Thin Set Gray Cement Bed	32.62	3.10
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0010	SF	Precast Terrazzo, 3/8" To 1" Chips Floor Tiles, Thin Set Gray Cement Bed	34.74	3.10
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0011		**Thin Set Terrazzo Wainscot** *(09 66 16 13-0001)*		
09 66 16 13-0012	SF	12" x 12" x 1" Terrazzo Tile Wainscot Thin Set	46.00	5.52
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0013	SF	18" x 18" x 1-1/2" Terrazzo Tile Wainscot Thin Set	52.36	5.52
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0014		**Thin Set Terrazzo Base, Gray Cement** *(09 66 16 13-0001)*		
09 66 16 13-0015	LF	6" High, Straight Terrazzo Base Thin Set, Gray Cement	15.55	2.76
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0016	LF	6" High, Cove Terrazzo Base Thin Set, Gray Cement	17.52	2.76
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0017	LF	8" High, Straight Terrazzo Base Thin Set, Gray Cement	18.23	2.76
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0018	LF	8" High, Cove Terrazzo Base Thin Set, Gray Cement	19.21	2.76
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0019		**Terrazzo Curbs** *(09 66 16 13-0001)*		
09 66 16 13-0020	LF	8" x 8" Curb, Terrazzo Tile	30.36	3.69
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0021	LF	6" x 6" Curb, Terrazzo Tile	29.37	3.69
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0022		**Precast Terrazzo Stair Treads 12" Wide** *(09 66 16 13-0001)*		
09 66 16 13-0023	LF	1-1/2" Precast Terrazzo Stair Tread 12" Wide x 1-1/2" Thick, Diamond Pattern	78.44	3.69
09 66 16 13-0024	LF	1-1/2" Precast Terrazzo Stair Tread 12" Wide x 1-1/2" Thick, Non-Slip Surface	66.63	3.69
09 66 16 13-0025	LF	2" Precast Terrazzo Straight Stair Tread	58.75	3.69
09 66 16 13-0026	LF	2" Precast Terrazzo Curved Stair Tread	68.95	3.69
09 66 16 13-0027		**Stair Risers, 1" Thick To 6" High, Straight** *(09 66 16 13-0001)*		
09 66 16 13-0028	LF	1" To 6" High Precast Terrazzo Stair Riser Straight Section, Thin Set	35.14	2.76
09 66 16 13-0029	LF	1" To 6" High Precast Terrazzo Stair Riser Straight Cove Section, Thin Set	41.05	2.76
09 66 16 13-0030		**Stair Risers, 1" Thick To 6" High, Curved** *(09 66 16 13-0001)*		
09 66 16 13-0031	LF	1" To 6" High Precast Terrazzo Stair Riser Curved Vertical Section, Thin Set	52.24	2.76
09 66 16 13-0032	LF	1" To 6" High Precast Terrazzo Stair Riser Curved Cove Section, Thin Set	56.18	2.76
09 66 16 13-0033		**Tread And Riser** *(09 66 16 13)*		
09 66 16 13-0034		**Stair Stringers, Notched For Treads And Risers** *(09 66 16 13-0033)*		
09 66 16 13-0035	LF	1" Precast Terrazzo Stair Stringers Notched For Treads And Risers	86.95	7.37
09 66 16 13-0036	LF	2" Precast Terrazzo Stair Stringers Notched For Treads And Risers	105.13	7.37
09 66 16 13-0037		**Structural Non-Slip Landings** *(09 66 16 13-0033)*		
09 66 16 13-0038	SF	1-1/2" Thick Precast Terrazzo Stair Landing Structural, Non-Slip	62.83	3.69
09 66 16 13-0039	SF	3" Thick Precast Terrazzo Stair Landing Structural, Non-Slip	77.67	3.69
09 66 16 13-0040		**Combined Tread And Riser** *(09 66 16 13-0033)*		
09 66 16 13-0041		**Straight Sections** *(09 66 16 13-0040)*		
09 66 16 13-0042	LF	Precast Terrazzo Stair Tread And Riser 1-1/2" Tread, 3/4" Riser, Straight Section	138.60	7.37
09 66 16 13-0043	LF	Precast Terrazzo Stair Tread And Riser 3" Tread, 1" Riser, Straight Section	166.17	7.37
09 66 16 13-0044		**Curved Sections** *(09 66 16 13-0040)*		
09 66 16 13-0045	LF	Precast Terrazzo Stair Tread And Riser 2" Tread, 1" Riser, Curved Section	174.44	7.37
09 66 16 13-0046	LF	Precast Terrazzo Stair Tread And Riser 3" Tread, 1" Riser, Curved Section	221.69	7.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 66 33 Conductive Terrazzo Flooring *(09 66)*

Note: For anti-static areas.

09 66 33 13 Conductive Epoxy-Resin Terrazzo *(09 66 33)*

09 66 33 13-0001	SF	Terrazzo, Epoxy System, Floor Spark Proof, Conductive, Industrial	27.25	4.61
09 66 33 13-0002	SF	Terrazzo, Epoxy System, Base Spark Proof, Conductive, Industrial	50.12	4.61

09 66 33 16 Conductive Polyester-Resin Terrazzo Flooring *(09 66 33)*

09 66 33 16-0001	SF	Terrazzo, Polyester System, Floor Spark Proof, Conductive, Industrial	20.74	4.61
09 66 33 16-0002	SF	Terrazzo, Polyester System, Base Spark Proof, Conductive, Industrial	36.30	4.61

09 66 33 19 Conductive Plastic-Matrix Terrazzo Flooring *(09 66 33)*

09 66 33 19-0001	SF	Terrazzo, Polyacrylate System, Floor Spark Proof, Conductive, Industrial	23.12	4.61
09 66 33 19-0002	SF	Terrazzo, Polyacrylate System, Base Spark Proof, Conductive, Industrial	45.00	4.61
09 66 33 19-0003	SF	Terrazzo, Synthetic Latex Mastic System, Floor Spark Proof, Conductive, Industrial	33.99	4.61
09 66 33 19-0004	SF	Terrazzo, Synthetic Latex Mastic System, Base Spark Proof, Conductive, Industrial	38.35	4.61

09 68 Carpeting *(09 60)*

Note: No VOC carpet and adhesives. Includes tack strips, glue and floor fastenings as required and vacuuming.

09 68 13 Tile Carpeting *(09 68)*

09 68 13 00-0001 Tufted Carpet Tiles *(09 68 13)*

Note: Level-loop pile or textured-loop pile carpet tiles. Includes glue (releasable mastic) or peel and stick backing.

09 68 13 00-0002 Non-Patterned Carpet Tiles *(09 68 13 00-0001)*

09 68 13 00-0003	SY	18 Ounce, Non-Patterned, Nylon Carpet Tile	42.55	5.88
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*2.88*	
		For >15 To 33, Add	*1.44*	
		For >200 To 400, Deduct	*-0.56*	
		For >400 To 600, Deduct	*-0.84*	
		For >600 To 900, Deduct	*-1.62*	
		For >900 To 1,500, Deduct	*-2.40*	
		For >1,500 To 2,200, Deduct	*-3.53*	
		For >2,200 To 3,500, Deduct	*-4.60*	
		For >3,500, Deduct	*-5.66*	
09 68 13 00-0004	SY	20 Ounce, Non-Patterned, Nylon Carpet Tile	44.26	5.88
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*2.88*	
		For >15 To 33, Add	*1.44*	
		For >200 To 400, Deduct	*-0.60*	
		For >400 To 600, Deduct	*-0.90*	
		For >600 To 900, Deduct	*-1.71*	
		For >900 To 1,500, Deduct	*-2.52*	
		For >1,500 To 2,200, Deduct	*-3.71*	
		For >2,200 To 3,500, Deduct	*-4.81*	
		For >3,500, Deduct	*-5.92*	
09 68 13 00-0005	SY	22 Ounce, Non-Patterned, Nylon Carpet Tile	49.68	5.88
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*2.88*	
		For >15 To 33, Add	*1.44*	
		For >200 To 400, Deduct	*-0.71*	
		For >400 To 600, Deduct	*-1.06*	
		For >600 To 900, Deduct	*-1.98*	
		For >900 To 1,500, Deduct	*-2.90*	
		For >1,500 To 2,200, Deduct	*-4.25*	
		For >2,200 To 3,500, Deduct	*-5.49*	
		For >3,500, Deduct	*-6.73*	
09 68 13 00-0006	SY	24 Ounce, Non-Patterned, Nylon Carpet Tile	54.96	5.88
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*2.88*	
		For >15 To 33, Add	*1.44*	
		For >200 To 400, Deduct	*-0.81*	
		For >400 To 600, Deduct	*-1.22*	
		For >600 To 900, Deduct	*-2.24*	
		For >900 To 1,500, Deduct	*-3.27*	
		For >1,500 To 2,200, Deduct	*-4.78*	
		For >2,200 To 3,500, Deduct	*-6.15*	
		For >3,500, Deduct	*-7.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0007	SY	26 Ounce, Non-Patterned, Nylon Carpet Tile	58.05	5.88
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*2.88*	
		For >15 To 33, Add	*1.44*	
		For >200 To 400, Deduct	*-0.87*	
		For >400 To 600, Deduct	*-1.31*	
		For >600 To 900, Deduct	*-2.40*	
		For >900 To 1,500, Deduct	*-3.49*	
		For >1,500 To 2,200, Deduct	*-5.08*	
		For >2,200 To 3,500, Deduct	*-6.54*	
		For >3,500, Deduct	*-7.99*	
09 68 13 00-0008	SY	28 Ounce, Non-Patterned, Nylon Carpet Tile	61.21	5.88
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*2.88*	
		For >15 To 33, Add	*1.44*	
		For >200 To 400, Deduct	*-0.94*	
		For >400 To 600, Deduct	*-1.40*	
		For >600 To 900, Deduct	*-2.56*	
		For >900 To 1,500, Deduct	*-3.71*	
		For >1,500 To 2,200, Deduct	*-5.40*	
		For >2,200 To 3,500, Deduct	*-6.93*	
		For >3,500, Deduct	*-8.46*	
09 68 13 00-0009	SY	30 Ounce, Non-Patterned, Nylon Carpet Tile	62.15	5.88
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*2.88*	
		For >15 To 33, Add	*1.44*	
		For >200 To 400, Deduct	*-0.95*	
		For >400 To 600, Deduct	*-1.43*	
		For >600 To 900, Deduct	*-2.60*	
		For >900 To 1,500, Deduct	*-3.77*	
		For >1,500 To 2,200, Deduct	*-5.49*	
		For >2,200 To 3,500, Deduct	*-7.05*	
		For >3,500, Deduct	*-8.60*	
09 68 13 00-0010	SY	32 Ounce, Non-Patterned, Nylon Carpet Tile	62.74	5.88
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*2.88*	
		For >15 To 33, Add	*1.44*	
		For >200 To 400, Deduct	*-0.97*	
		For >400 To 600, Deduct	*-1.45*	
		For >600 To 900, Deduct	*-2.63*	
		For >900 To 1,500, Deduct	*-3.82*	
		For >1,500 To 2,200, Deduct	*-5.55*	
		For >2,200 To 3,500, Deduct	*-7.12*	
		For >3,500, Deduct	*-8.69*	
09 68 13 00-0011	SY	34 Ounce, Non-Patterned, Nylon Carpet Tile	63.23	5.88
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*2.88*	
		For >15 To 33, Add	*1.44*	
		For >200 To 400, Deduct	*-0.98*	
		For >400 To 600, Deduct	*-1.46*	
		For >600 To 900, Deduct	*-2.66*	
		For >900 To 1,500, Deduct	*-3.85*	
		For >1,500 To 2,200, Deduct	*-5.60*	
		For >2,200 To 3,500, Deduct	*-7.18*	
		For >3,500, Deduct	*-8.76*	
09 68 13 00-0012	SY	36 Ounce, Non-Patterned, Nylon Carpet Tile	64.92	5.88
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*2.88*	
		For >15 To 33, Add	*1.44*	
		For >200 To 400, Deduct	*-1.01*	
		For >400 To 600, Deduct	*-1.52*	
		For >600 To 900, Deduct	*-2.74*	
		For >900 To 1,500, Deduct	*-3.97*	
		For >1,500 To 2,200, Deduct	*-5.77*	
		For >2,200 To 3,500, Deduct	*-7.39*	
		For >3,500, Deduct	*-9.02*	
09 68 13 00-0013	SY	38 Ounce, Non-Patterned, Nylon Carpet Tile	68.26	5.88
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*2.88*	
		For >15 To 33, Add	*1.44*	
		For >200 To 400, Deduct	*-1.08*	
		For >400 To 600, Deduct	*-1.62*	
		For >600 To 900, Deduct	*-2.91*	
		For >900 To 1,500, Deduct	*-4.20*	
		For >1,500 To 2,200, Deduct	*-6.11*	
		For >2,200 To 3,500, Deduct	*-7.81*	
		For >3,500, Deduct	*-9.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0014	SY	40 Ounce, Non-Patterned, Nylon Carpet Tile	71.85	5.88
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*2.88*	
		For >15 To 33, Add	*1.44*	
		For >200 To 400, Deduct	*-1.15*	
		For >400 To 600, Deduct	*-1.72*	
		For >600 To 900, Deduct	*-3.09*	
		For >900 To 1,500, Deduct	*-4.45*	
		For >1,500 To 2,200, Deduct	*-6.46*	
		For >2,200 To 3,500, Deduct	*-8.26*	
		For >3,500, Deduct	*-10.06*	
09 68 13 00-0015	SY	42 Ounce, Non-Patterned, Nylon Carpet Tile	78.74	5.88
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*2.88*	
		For >15 To 33, Add	*1.44*	
		For >200 To 400, Deduct	*-1.29*	
		For >400 To 600, Deduct	*-1.93*	
		For >600 To 900, Deduct	*-3.43*	
		For >900 To 1,500, Deduct	*-4.94*	
		For >1,500 To 2,200, Deduct	*-7.15*	
		For >2,200 To 3,500, Deduct	*-9.12*	
		For >3,500, Deduct	*-11.09*	
09 68 13 00-0016	SY	Installation Of Owner Provided Non-Patterned Carpet Tiles	14.30	

09 68 13 00-0017 Patterned Carpet Tiles *(09 68 13 00-0001)*

Note: Patterned carpet has a definitive repeating pattern as defined by the manufacturer.

09 68 13 00-0018	SY	15 Ounce, Patterned, Nylon Carpet Tile	43.51	5.88
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*3.17*	
		For >15 To 33, Add	*1.59*	
		For >200 To 400, Deduct	*-0.55*	
		For >400 To 600, Deduct	*-0.83*	
		For >600 To 900, Deduct	*-1.62*	
		For >900 To 1,500, Deduct	*-2.41*	
		For >1,500 To 2,200, Deduct	*-3.56*	
		For >2,200 To 3,500, Deduct	*-4.65*	
		For >3,500, Deduct	*-5.73*	
09 68 13 00-0019	SY	18 Ounce, Patterned, Nylon Carpet Tile	44.00	5.88
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*3.17*	
		For >15 To 33, Add	*1.59*	
		For >200 To 400, Deduct	*-0.56*	
		For >400 To 600, Deduct	*-0.84*	
		For >600 To 900, Deduct	*-1.64*	
		For >900 To 1,500, Deduct	*-2.45*	
		For >1,500 To 2,200, Deduct	*-3.61*	
		For >2,200 To 3,500, Deduct	*-4.71*	
		For >3,500, Deduct	*-5.81*	
09 68 13 00-0020	SY	20 Ounce, Patterned, Nylon Carpet Tile	46.16	5.88
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*3.17*	
		For >15 To 33, Add	*1.59*	
		For >200 To 400, Deduct	*-0.61*	
		For >400 To 600, Deduct	*-0.91*	
		For >600 To 900, Deduct	*-1.75*	
		For >900 To 1,500, Deduct	*-2.60*	
		For >1,500 To 2,200, Deduct	*-3.82*	
		For >2,200 To 3,500, Deduct	*-4.98*	
		For >3,500, Deduct	*-6.13*	
09 68 13 00-0021	SY	22 Ounce, Patterned, Nylon Carpet Tile	51.66	5.88
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*3.17*	
		For >15 To 33, Add	*1.59*	
		For >200 To 400, Deduct	*-0.72*	
		For >400 To 600, Deduct	*-1.07*	
		For >600 To 900, Deduct	*-2.03*	
		For >900 To 1,500, Deduct	*-2.98*	
		For >1,500 To 2,200, Deduct	*-4.37*	
		For >2,200 To 3,500, Deduct	*-5.66*	
		For >3,500, Deduct	*-6.96*	
09 68 13 00-0022	SY	24 Ounce, Patterned, Nylon Carpet Tile	57.02	5.88
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*3.17*	
		For >15 To 33, Add	*1.59*	
		For >200 To 400, Deduct	*-0.82*	
		For >400 To 600, Deduct	*-1.23*	
		For >600 To 900, Deduct	*-2.30*	
		For >900 To 1,500, Deduct	*-3.36*	
		For >1,500 To 2,200, Deduct	*-4.91*	
		For >2,200 To 3,500, Deduct	*-6.33*	
		For >3,500, Deduct	*-7.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0023	SY	26 Ounce, Patterned, Nylon Carpet Tile	60.15	5.88
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*3.17*	
		For >15 To 33, Add	*1.59*	
		For >200 To 400, Deduct	*-0.89*	
		For >400 To 600, Deduct	*-1.33*	
		For >600 To 900, Deduct	*-2.45*	
		For >900 To 1,500, Deduct	*-3.58*	
		For >1,500 To 2,200, Deduct	*-5.22*	
		For >2,200 To 3,500, Deduct	*-6.73*	
		For >3,500, Deduct	*-8.23*	
09 68 13 00-0024	SY	28 Ounce, Patterned, Nylon Carpet Tile	63.37	5.88
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*3.17*	
		For >15 To 33, Add	*1.59*	
		For >200 To 400, Deduct	*-0.95*	
		For >400 To 600, Deduct	*-1.43*	
		For >600 To 900, Deduct	*-2.61*	
		For >900 To 1,500, Deduct	*-3.80*	
		For >1,500 To 2,200, Deduct	*-5.54*	
		For >2,200 To 3,500, Deduct	*-7.13*	
		For >3,500, Deduct	*-8.71*	
09 68 13 00-0025	SY	30 Ounce, Patterned, Nylon Carpet Tile	64.31	5.88
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*3.17*	
		For >15 To 33, Add	*1.59*	
		For >200 To 400, Deduct	*-0.97*	
		For >400 To 600, Deduct	*-1.45*	
		For >600 To 900, Deduct	*-2.66*	
		For >900 To 1,500, Deduct	*-3.87*	
		For >1,500 To 2,200, Deduct	*-5.64*	
		For >2,200 To 3,500, Deduct	*-7.25*	
		For >3,500, Deduct	*-8.85*	
09 68 13 00-0026	SY	32 Ounce, Patterned, Nylon Carpet Tile	64.91	5.88
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*3.17*	
		For >15 To 33, Add	*1.59*	
		For >200 To 400, Deduct	*-0.98*	
		For >400 To 600, Deduct	*-1.47*	
		For >600 To 900, Deduct	*-2.69*	
		For >900 To 1,500, Deduct	*-3.91*	
		For >1,500 To 2,200, Deduct	*-5.70*	
		For >2,200 To 3,500, Deduct	*-7.32*	
		For >3,500, Deduct	*-8.94*	
09 68 13 00-0027	SY	34 Ounce, Patterned, Nylon Carpet Tile	65.41	5.88
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*3.17*	
		For >15 To 33, Add	*1.59*	
		For >200 To 400, Deduct	*-0.99*	
		For >400 To 600, Deduct	*-1.49*	
		For >600 To 900, Deduct	*-2.72*	
		For >900 To 1,500, Deduct	*-3.94*	
		For >1,500 To 2,200, Deduct	*-5.75*	
		For >2,200 To 3,500, Deduct	*-7.38*	
		For >3,500, Deduct	*-9.02*	
09 68 13 00-0028	SY	36 Ounce, Patterned, Nylon Carpet Tile	67.13	5.88
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*3.17*	
		For >15 To 33, Add	*1.59*	
		For >200 To 400, Deduct	*-1.03*	
		For >400 To 600, Deduct	*-1.54*	
		For >600 To 900, Deduct	*-2.80*	
		For >900 To 1,500, Deduct	*-4.06*	
		For >1,500 To 2,200, Deduct	*-5.92*	
		For >2,200 To 3,500, Deduct	*-7.60*	
		For >3,500, Deduct	*-9.28*	
09 68 13 00-0029	SY	38 Ounce, Patterned, Nylon Carpet Tile	70.52	5.88
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*3.17*	
		For >15 To 33, Add	*1.59*	
		For >200 To 400, Deduct	*-1.09*	
		For >400 To 600, Deduct	*-1.64*	
		For >600 To 900, Deduct	*-2.97*	
		For >900 To 1,500, Deduct	*-4.30*	
		For >1,500 To 2,200, Deduct	*-6.26*	
		For >2,200 To 3,500, Deduct	*-8.02*	
		For >3,500, Deduct	*-9.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0030	SY	40 Ounce, Patterned, Nylon Carpet Tile	74.16	5.88
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*3.17*	
		For >15 To 33, Add	*1.59*	
		For >200 To 400, Deduct	*-1.17*	
		For >400 To 600, Deduct	*-1.75*	
		For >600 To 900, Deduct	*-3.15*	
		For >900 To 1,500, Deduct	*-4.56*	
		For >1,500 To 2,200, Deduct	*-6.62*	
		For >2,200 To 3,500, Deduct	*-8.48*	
		For >3,500, Deduct	*-10.33*	
09 68 13 00-0031	SY	42 Ounce, Patterned, Nylon Carpet Tile	81.16	5.88
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*3.17*	
		For >15 To 33, Add	*1.59*	
		For >200 To 400, Deduct	*-1.31*	
		For >400 To 600, Deduct	*-1.96*	
		For >600 To 900, Deduct	*-3.50*	
		For >900 To 1,500, Deduct	*-5.05*	
		For >1,500 To 2,200, Deduct	*-7.32*	
		For >2,200 To 3,500, Deduct	*-9.35*	
		For >3,500, Deduct	*-11.38*	
09 68 13 00-0032	SY	Installation Of Owner Provided Patterned Carpet Tiles	16.40	

09 68 13 00-0033 ESD Static Control Carpet Tiles (StaticSmart Mission Critical Discovery ECO Series) *(09 68 13 00-0001)*

Note: Includes conductive ESD releasable adhesive and grounding clips.

09 68 13 00-0034	SY	24 Ounce, ESD Static Control, Non-Patterned, Nylon Carpet Tile (StaticSmart Mission Critical Discovery ECO Series)	97.50	5.88
		For Up To 15, Add	*3.17*	
		For >15 To 33, Add	*1.59*	
		For >200 To 400, Deduct	*-1.63*	
		For >400 To 600, Deduct	*-2.45*	
		For >600 To 900, Deduct	*-4.32*	
		For >900 To 1,500, Deduct	*-6.19*	
		For >1,500 To 2,200, Deduct	*-8.96*	
		For >2,200 To 3,500, Deduct	*-11.39*	
		For >3,500, Deduct	*-13.83*	

09 68 16 Sheet Carpeting *(09 68)*

Note: Weights shown are face weight excluding backing weight and excludes padding. Demolition of carpet includes removal of glue if required. Residential carpet backing basis is for padding and commercial carpet backing is for glue down.

09 68 16 00-0001 Carpet Cushion *(09 68 16)*

09 68 16 00-0002 Carpet Padding *(09 68 16 00-0001)*

09 68 16 00-0003 Prime Polyurethane Foam Carpet Padding *(09 68 16 00-0002)*

09 68 16 00-0004	SY	7/16" Thick, Prime Polyurethane Foam Carpet Padding	18.86	3.02
		For Up To 15, Add	*0.92*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.29*	
		For >400 To 600, Deduct	*-0.43*	
		For >600 To 900, Deduct	*-0.78*	
		For >900 To 1,500, Deduct	*-1.14*	
		For >1,500 To 2,200, Deduct	*-1.66*	
		For >2,200 To 3,500, Deduct	*-2.13*	
		For >3,500, Deduct	*-2.60*	
09 68 16 00-0005	SY	1/2" Thick, Prime Polyurethane Foam Carpet Padding	19.70	3.02
		For Up To 15, Add	*0.92*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.30*	
		For >400 To 600, Deduct	*-0.45*	
		For >600 To 900, Deduct	*-0.82*	
		For >900 To 1,500, Deduct	*-1.20*	
		For >1,500 To 2,200, Deduct	*-1.74*	
		For >2,200 To 3,500, Deduct	*-2.23*	
		For >3,500, Deduct	*-2.73*	

09 68 16 00-0006 Bonded (Rebond) Polyurethane Foam Carpet Padding *(09 68 16 00-0002)*

09 68 16 00-0007	SY	1/4" Thick, 8 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding	11.56	3.02
		For Up To 15, Add	*0.92*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.14*	
		For >400 To 600, Deduct	*-0.21*	
		For >600 To 900, Deduct	*-0.42*	
		For >900 To 1,500, Deduct	*-0.63*	
		For >1,500 To 2,200, Deduct	*-0.93*	
		For >2,200 To 3,500, Deduct	*-1.22*	
		For >3,500, Deduct	*-1.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0008	SY	5/16" Thick, 8 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding	12.14	3.02
		For Up To 15, Add	*0.92*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.15*	
		For >400 To 600, Deduct	*-0.23*	
		For >600 To 900, Deduct	*-0.45*	
		For >900 To 1,500, Deduct	*-0.67*	
		For >1,500 To 2,200, Deduct	*-0.99*	
		For >2,200 To 3,500, Deduct	*-1.29*	
		For >3,500, Deduct	*-1.59*	
09 68 16 00-0009	SY	3/8" Thick, 5.5 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding	9.43	3.02
		For Up To 15, Add	*0.92*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.10*	
		For >400 To 600, Deduct	*-0.15*	
		For >600 To 900, Deduct	*-0.31*	
		For >900 To 1,500, Deduct	*-0.48*	
		For >1,500 To 2,200, Deduct	*-0.71*	
		For >2,200 To 3,500, Deduct	*-0.95*	
		For >3,500, Deduct	*-1.19*	
09 68 16 00-0010	SY	3/8" Thick, 8 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding	11.75	3.02
		For Up To 15, Add	*0.92*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.14*	
		For >400 To 600, Deduct	*-0.22*	
		For >600 To 900, Deduct	*-0.43*	
		For >900 To 1,500, Deduct	*-0.64*	
		For >1,500 To 2,200, Deduct	*-0.95*	
		For >2,200 To 3,500, Deduct	*-1.24*	
		For >3,500, Deduct	*-1.53*	
09 68 16 00-0011	SY	7/16" Thick, 5.5 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding	11.75	3.02
		For Up To 15, Add	*0.92*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.14*	
		For >400 To 600, Deduct	*-0.22*	
		For >600 To 900, Deduct	*-0.43*	
		For >900 To 1,500, Deduct	*-0.64*	
		For >1,500 To 2,200, Deduct	*-0.95*	
		For >2,200 To 3,500, Deduct	*-1.24*	
		For >3,500, Deduct	*-1.53*	
09 68 16 00-0012	SY	7/16" Thick, 6 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding	11.75	3.02
		For Up To 15, Add	*0.92*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.14*	
		For >400 To 600, Deduct	*-0.22*	
		For >600 To 900, Deduct	*-0.43*	
		For >900 To 1,500, Deduct	*-0.64*	
		For >1,500 To 2,200, Deduct	*-0.95*	
		For >2,200 To 3,500, Deduct	*-1.24*	
		For >3,500, Deduct	*-1.53*	
09 68 16 00-0013	SY	7/16" Thick, 8 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding	13.13	3.02
		For Up To 15, Add	*0.92*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.17*	
		For >400 To 600, Deduct	*-0.26*	
		For >600 To 900, Deduct	*-0.50*	
		For >900 To 1,500, Deduct	*-0.74*	
		For >1,500 To 2,200, Deduct	*-1.08*	
		For >2,200 To 3,500, Deduct	*-1.41*	
		For >3,500, Deduct	*-1.74*	
09 68 16 00-0014	SY	1/2" Thick, 5.5 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding	11.62	3.02
		For Up To 15, Add	*0.92*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.14*	
		For >400 To 600, Deduct	*-0.21*	
		For >600 To 900, Deduct	*-0.42*	
		For >900 To 1,500, Deduct	*-0.63*	
		For >1,500 To 2,200, Deduct	*-0.93*	
		For >2,200 To 3,500, Deduct	*-1.22*	
		For >3,500, Deduct	*-1.51*	
09 68 16 00-0015	SY	1/2" Thick, 6 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding	12.07	3.02
		For Up To 15, Add	*0.92*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.15*	
		For >400 To 600, Deduct	*-0.22*	
		For >600 To 900, Deduct	*-0.44*	
		For >900 To 1,500, Deduct	*-0.66*	
		For >1,500 To 2,200, Deduct	*-0.98*	
		For >2,200 To 3,500, Deduct	*-1.28*	
		For >3,500, Deduct	*-1.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0016	SY	1/2" Thick, 8 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding	13.71	3.02
		For Up To 15, Add	*0.92*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.18*	
		For >400 To 600, Deduct	*-0.27*	
		For >600 To 900, Deduct	*-0.53*	
		For >900 To 1,500, Deduct	*-0.78*	
		For >1,500 To 2,200, Deduct	*-1.14*	
		For >2,200 To 3,500, Deduct	*-1.48*	
		For >3,500, Deduct	*-1.83*	
09 68 16 00-0017		Froth Polyurethane Foam Carpet Padding *(09 68 16 00-0002)*		
09 68 16 00-0018	SY	0.175" Thick, 16 Lb./CF, Froth Polyurethane Foam Rubber Carpet Padding	20.13	3.02
		For Up To 15, Add	*0.92*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.31*	
		For >400 To 600, Deduct	*-0.47*	
		For >600 To 900, Deduct	*-0.85*	
		For >900 To 1,500, Deduct	*-1.23*	
		For >1,500 To 2,200, Deduct	*-1.78*	
		For >2,200 To 3,500, Deduct	*-2.29*	
		For >3,500, Deduct	*-2.79*	
09 68 16 00-0019	SY	0.250" Thick, 12 Lb./CF, Froth Polyurethane Foam Rubber Carpet Padding	22.54	3.02
		For Up To 15, Add	*0.92*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.36*	
		For >400 To 600, Deduct	*-0.54*	
		For >600 To 900, Deduct	*-0.97*	
		For >900 To 1,500, Deduct	*-1.39*	
		For >1,500 To 2,200, Deduct	*-2.03*	
		For >2,200 To 3,500, Deduct	*-2.59*	
		For >3,500, Deduct	*-3.15*	
09 68 16 00-0020	SY	0.250" Thick, 16 Lb./CF, Froth Polyurethane Foam Rubber Carpet Padding	24.39	3.02
		For Up To 15, Add	*0.92*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.40*	
		For >400 To 600, Deduct	*-0.59*	
		For >600 To 900, Deduct	*-1.06*	
		For >900 To 1,500, Deduct	*-1.52*	
		For >1,500 To 2,200, Deduct	*-2.21*	
		For >2,200 To 3,500, Deduct	*-2.82*	
		For >3,500, Deduct	*-3.43*	
09 68 16 00-0021		Waffle Rubber Carpet Padding *(09 68 16 00-0002)*		
09 68 16 00-0022	SY	3/8" Thick, 90 Oz./SY Waffle Rubber Carpet Padding	23.19	3.02
		For Up To 15, Add	*0.92*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.37*	
		For >400 To 600, Deduct	*-0.56*	
		For >600 To 900, Deduct	*-1.00*	
		For >900 To 1,500, Deduct	*-1.44*	
		For >1,500 To 2,200, Deduct	*-2.09*	
		For >2,200 To 3,500, Deduct	*-2.67*	
		For >3,500, Deduct	*-3.25*	
09 68 16 00-0023		Flat Sponge Rubber Carpet Padding *(09 68 16 00-0002)*		
09 68 16 00-0024	SY	0.156" Thick, 62 Oz./SY Flat Sponge Rubber Carpet Padding	13.84	3.02
		For Up To 15, Add	*0.92*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.19*	
		For >400 To 600, Deduct	*-0.28*	
		For >600 To 900, Deduct	*-0.53*	
		For >900 To 1,500, Deduct	*-0.79*	
		For >1,500 To 2,200, Deduct	*-1.16*	
		For >2,200 To 3,500, Deduct	*-1.50*	
		For >3,500, Deduct	*-1.85*	
09 68 16 00-0025	SY	0.250" Thick, 68 Oz./SY Flat Sponge Rubber Carpet Padding	14.83	3.02
		For Up To 15, Add	*0.92*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.21*	
		For >400 To 600, Deduct	*-0.31*	
		For >600 To 900, Deduct	*-0.58*	
		For >900 To 1,500, Deduct	*-0.85*	
		For >1,500 To 2,200, Deduct	*-1.25*	
		For >2,200 To 3,500, Deduct	*-1.62*	
		For >3,500, Deduct	*-2.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0026	SY	0.250" Thick, 80 Oz./SY Flat Sponge Rubber Carpet Padding	15.56	3.02
		For Up To 15, Add	*0.92*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.22*	
		For >400 To 600, Deduct	*-0.33*	
		For >600 To 900, Deduct	*-0.62*	
		For >900 To 1,500, Deduct	*-0.91*	
		For >1,500 To 2,200, Deduct	*-1.33*	
		For >2,200 To 3,500, Deduct	*-1.72*	
		For >3,500, Deduct	*-2.11*	
09 68 16 00-0027	SY	0.250" Thick, 100 Oz./SY Flat Sponge Rubber Carpet Padding	17.85	3.02
		For Up To 15, Add	*0.92*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.27*	
		For >400 To 600, Deduct	*-0.40*	
		For >600 To 900, Deduct	*-0.73*	
		For >900 To 1,500, Deduct	*-1.07*	
		For >1,500 To 2,200, Deduct	*-1.56*	
		For >2,200 To 3,500, Deduct	*-2.00*	
		For >3,500, Deduct	*-2.45*	
09 68 16 00-0028	SY	0.370" Thick, 100 Oz./SY Flat Sponge Rubber Carpet Padding	18.04	3.02
		For Up To 15, Add	*0.92*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.27*	
		For >400 To 600, Deduct	*-0.40*	
		For >600 To 900, Deduct	*-0.74*	
		For >900 To 1,500, Deduct	*-1.08*	
		For >1,500 To 2,200, Deduct	*-1.58*	
		For >2,200 To 3,500, Deduct	*-2.03*	
		For >3,500, Deduct	*-2.48*	
09 68 16 00-0029		Synthetic Fiber Carpet Padding *(09 68 16 00-0002)*		
09 68 16 00-0030	SY	0.235" Thick, 20 Oz./SY Synthetic Fiber Carpet Padding	6.50	3.02
		For Up To 15, Add	*0.92*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.04*	
		For >400 To 600, Deduct	*-0.06*	
		For >600 To 900, Deduct	*-0.16*	
		For >900 To 1,500, Deduct	*-0.27*	
		For >1,500 To 2,200, Deduct	*-0.42*	
		For >2,200 To 3,500, Deduct	*-0.58*	
		For >3,500, Deduct	*-0.75*	
09 68 16 00-0031	SY	0.235" Thick, 24 Oz./SY Synthetic Fiber Carpet Padding	8.00	3.02
		For Up To 15, Add	*0.92*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.07*	
		For >400 To 600, Deduct	*-0.10*	
		For >600 To 900, Deduct	*-0.24*	
		For >900 To 1,500, Deduct	*-0.38*	
		For >1,500 To 2,200, Deduct	*-0.57*	
		For >2,200 To 3,500, Deduct	*-0.77*	
		For >3,500, Deduct	*-0.97*	
09 68 16 00-0032	SY	0.275" Thick, 28 Oz./SY Synthetic Fiber Carpet Padding	7.32	3.02
		For Up To 15, Add	*0.92*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.05*	
		For >400 To 600, Deduct	*-0.08*	
		For >600 To 900, Deduct	*-0.21*	
		For >900 To 1,500, Deduct	*-0.33*	
		For >1,500 To 2,200, Deduct	*-0.50*	
		For >2,200 To 3,500, Deduct	*-0.69*	
		For >3,500, Deduct	*-0.87*	
09 68 16 00-0033	SY	0.300" Thick, 32 Oz./SY Synthetic Fiber Carpet Padding	7.57	3.02
		For Up To 15, Add	*0.92*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.06*	
		For >400 To 600, Deduct	*-0.09*	
		For >600 To 900, Deduct	*-0.22*	
		For >900 To 1,500, Deduct	*-0.35*	
		For >1,500 To 2,200, Deduct	*-0.53*	
		For >2,200 To 3,500, Deduct	*-0.72*	
		For >3,500, Deduct	*-0.91*	
09 68 16 00-0034	SY	0.350" Thick, 40 Oz./SY Synthetic Fiber Carpet Padding	9.12	3.02
		For Up To 15, Add	*0.92*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.09*	
		For >400 To 600, Deduct	*-0.14*	
		For >600 To 900, Deduct	*-0.30*	
		For >900 To 1,500, Deduct	*-0.46*	
		For >1,500 To 2,200, Deduct	*-0.68*	
		For >2,200 To 3,500, Deduct	*-0.91*	
		For >3,500, Deduct	*-1.14*	
09 68 16 00-0035		Double Stick Synthetic Fiber Carpet Padding *(09 68 16 00-0002)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0036	SY	0.300" Thick, 32 Oz./SY Double Stick Synthetic Fiber Carpet Padding	9.60	3.02
		For Up To 15, Add	*0.92*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.10*	
		For >400 To 600, Deduct	*-0.15*	
		For >600 To 900, Deduct	*-0.32*	
		For >900 To 1,500, Deduct	*-0.49*	
		For >1,500 To 2,200, Deduct	*-0.73*	
		For >2,200 To 3,500, Deduct	*-0.97*	
		For >3,500, Deduct	*-1.21*	
09 68 16 00-0037	SY	0.375" Thick, 40 Oz./SY Double Stick Synthetic Fiber Carpet Padding	10.80	3.02
		For Up To 15, Add	*0.92*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.12*	
		For >400 To 600, Deduct	*-0.19*	
		For >600 To 900, Deduct	*-0.38*	
		For >900 To 1,500, Deduct	*-0.57*	
		For >1,500 To 2,200, Deduct	*-0.85*	
		For >2,200 To 3,500, Deduct	*-1.12*	
		For >3,500, Deduct	*-1.39*	
09 68 16 00-0038		**Commercial Broadloom Carpet** *(09 68 16)* Note: Level-loop pile or textured-loop pile broadloom carpet.		
09 68 16 00-0039		**Non-Patterned Broadloom Carpet** *(09 68 16 00-0038)*		
09 68 16 00-0040	SY	22 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet	51.83	24.15
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Up To 15, Add	*3.22*	
		For >15 To 33, Add	*1.61*	
		For >200 To 400, Deduct	*-0.71*	
		For >400 To 600, Deduct	*-1.07*	
		For >600 To 900, Deduct	*-2.03*	
		For >900, Deduct	*-2.98*	
09 68 16 00-0041	SY	24 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet	52.19	24.15
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Up To 15, Add	*3.22*	
		For >15 To 33, Add	*1.61*	
		For >200 To 400, Deduct	*-0.72*	
		For >400 To 600, Deduct	*-1.08*	
		For >600 To 900, Deduct	*-2.05*	
		For >900, Deduct	*-3.01*	
09 68 16 00-0042	SY	26 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet	52.72	24.15
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Up To 15, Add	*3.22*	
		For >15 To 33, Add	*1.61*	
		For >200 To 400, Deduct	*-0.73*	
		For >400 To 600, Deduct	*-1.10*	
		For >600 To 900, Deduct	*-2.07*	
		For >900, Deduct	*-3.05*	
09 68 16 00-0043	SY	28 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet	56.17	26.16
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Up To 15, Add	*3.49*	
		For >15 To 33, Add	*1.74*	
		For >200 To 400, Deduct	*-0.77*	
		For >400 To 600, Deduct	*-1.16*	
		For >600 To 900, Deduct	*-2.20*	
		For >900, Deduct	*-3.23*	
09 68 16 00-0044	SY	30 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet	58.26	26.16
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Up To 15, Add	*3.49*	
		For >15 To 33, Add	*1.74*	
		For >200 To 400, Deduct	*-0.82*	
		For >400 To 600, Deduct	*-1.22*	
		For >600 To 900, Deduct	*-2.30*	
		For >900, Deduct	*-3.38*	
09 68 16 00-0045	SY	32 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet	59.86	26.16
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Up To 15, Add	*3.49*	
		For >15 To 33, Add	*1.74*	
		For >200 To 400, Deduct	*-0.85*	
		For >400 To 600, Deduct	*-1.27*	
		For >600 To 900, Deduct	*-2.38*	
		For >900, Deduct	*-3.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0046	SY	34 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet	65.38	28.17
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Up To 15, Add	*3.76*	
		For >15 To 33, Add	*1.88*	
		For >200 To 400, Deduct	*-0.93*	
		For >400 To 600, Deduct	*-1.40*	
		For >600 To 900, Deduct	*-2.61*	
		For >900, Deduct	*-3.83*	
09 68 16 00-0047	SY	36 Ounce, Heavy Traffic, Non-Patterned, Nylon Broadloom Carpet	67.34	28.17
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Cut Pile Carpet, Add	*1.50*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Up To 15, Add	*3.76*	
		For >15 To 33, Add	*1.88*	
		For >200 To 400, Deduct	*-0.97*	
		For >400 To 600, Deduct	*-1.46*	
		For >600 To 900, Deduct	*-2.71*	
		For >900, Deduct	*-3.96*	
09 68 16 00-0048	SY	38 Ounce, Heavy Traffic, Non-Patterned, Nylon Broadloom Carpet	69.53	28.17
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Cut Pile Carpet, Add	*1.50*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Up To 15, Add	*3.76*	
		For >15 To 33, Add	*1.88*	
		For >200 To 400, Deduct	*-1.02*	
		For >400 To 600, Deduct	*-1.52*	
		For >600 To 900, Deduct	*-2.82*	
		For >900, Deduct	*-4.12*	
09 68 16 00-0049		**Patterned Broadloom Carpet** *(09 68 16 00-0038)*		
		Note: Patterned carpet has a definitive repeating pattern as defined by the manufacturer.		
09 68 16 00-0050	SY	22 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	53.98	24.15
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Up To 15, Add	*3.54*	
		For >15 To 33, Add	*1.77*	
		For >200 To 400, Deduct	*-0.73*	
		For >400 To 600, Deduct	*-1.09*	
		For >600 To 900, Deduct	*-2.08*	
		For >900, Deduct	*-3.07*	
09 68 16 00-0051	SY	24 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	54.34	24.15
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Up To 15, Add	*3.54*	
		For >15 To 33, Add	*1.77*	
		For >200 To 400, Deduct	*-0.73*	
		For >400 To 600, Deduct	*-1.10*	
		For >600 To 900, Deduct	*-2.10*	
		For >900, Deduct	*-3.10*	
09 68 16 00-0052	SY	26 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	54.88	24.15
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Up To 15, Add	*3.54*	
		For >15 To 33, Add	*1.77*	
		For >200 To 400, Deduct	*-0.74*	
		For >400 To 600, Deduct	*-1.12*	
		For >600 To 900, Deduct	*-2.12*	
		For >900, Deduct	*-3.13*	
09 68 16 00-0053	SY	28 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	58.50	26.16
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Up To 15, Add	*3.84*	
		For >15 To 33, Add	*1.92*	
		For >200 To 400, Deduct	*-0.79*	
		For >400 To 600, Deduct	*-1.18*	
		For >600 To 900, Deduct	*-2.25*	
		For >900, Deduct	*-3.33*	
09 68 16 00-0054	SY	30 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	60.62	26.16
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Up To 15, Add	*3.84*	
		For >15 To 33, Add	*1.92*	
		For >200 To 400, Deduct	*-0.83*	
		For >400 To 600, Deduct	*-1.24*	
		For >600 To 900, Deduct	*-2.36*	
		For >900, Deduct	*-3.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0055	SY	32 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	62.25	26.16
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Up To 15, Add	*3.84*	
		For >15 To 33, Add	*1.92*	
		For >200 To 400, Deduct	*-0.86*	
		For >400 To 600, Deduct	*-1.29*	
		For >600 To 900, Deduct	*-2.44*	
		For >900, Deduct	*-3.59*	
09 68 16 00-0056	SY	34 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	67.96	28.17
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Up To 15, Add	*4.13*	
		For >15 To 33, Add	*2.07*	
		For >200 To 400, Deduct	*-0.95*	
		For >400 To 600, Deduct	*-1.42*	
		For >600 To 900, Deduct	*-2.67*	
		For >900, Deduct	*-3.93*	
09 68 16 00-0057	SY	36 Ounce, Heavy Traffic, Patterned, Nylon Broadloom Carpet	69.95	28.17
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Cut Pile Carpet, Add	*1.50*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Up To 15, Add	*4.13*	
		For >15 To 33, Add	*2.07*	
		For >200 To 400, Deduct	*-0.99*	
		For >400 To 600, Deduct	*-1.48*	
		For >600 To 900, Deduct	*-2.77*	
		For >900, Deduct	*-4.07*	
09 68 16 00-0058	SY	38 Ounce, Heavy Traffic, Patterned, Nylon Broadloom Carpet	72.17	28.17
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Cut Pile Carpet, Add	*1.50*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Up To 15, Add	*4.13*	
		For >15 To 33, Add	*2.07*	
		For >200 To 400, Deduct	*-1.03*	
		For >400 To 600, Deduct	*-1.55*	
		For >600 To 900, Deduct	*-2.89*	
		For >900, Deduct	*-4.23*	
09 68 16 00-0059		**Indoor/Outdoor Carpet** *(09 68 16)*		
		Note: Includes waterproof glue.		
09 68 16 00-0060	SY	Nylon Indoor/Outdoor Carpet	57.62	6.04
09 68 16 00-0061	SY	Ozite Indoor/Outdoor Carpet	43.94	6.04
09 68 16 00-0062		**Carpet Accessories** *(09 68 16)*		
09 68 16 00-0063	LF	Metal Carpet Saddle Strip, Up To 4" Wide	8.69	1.04
09 68 16 00-0064		**Removal And Reinstallation Of Carpet And Pad** *(09 68 16)*		
		Note: Includes storage, cleaning and supply materials.		
09 68 16 00-0065	SY	Removal And Reinstallation Of Carpet And Pad	34.00	
09 68 16 00-0066		**Carpeting Support Functions** *(09 68 16)*		
09 68 16 00-0067		**Relocate Partitions, Modular Workstations** *(09 68 16 00-0066)*		
		Note: Includes disassembly and reassembly of workstation. Excludes electrical disconnection or reconnection.		
09 68 16 00-0068	EA	Relocate Modular Workstation	366.18	
09 68 16 00-0069		**Installation Of Owner Provided Broadloom Carpet** *(09 68 16)*		
09 68 16 00-0070	SY	Up To 24 Oz, Installation Of Owner Provided Broadloom Carpet	14.43	
		Note: Includes adhesive for glue-down or tack strip for padded installations.		
		For Up To 15, Add	*2.80*	
		For >15 To 33, Add	*1.40*	
09 68 16 00-0071	SY	>24 To 34 Oz, Installation Of Owner Provided Broadloom Carpet	16.77	
		Note: Includes adhesive for glue-down or tack strip for padded installations.		
		For Up To 15, Add	*3.27*	
		For >15 To 33, Add	*1.63*	
09 68 16 00-0072	SY	>34 Oz, Installation Of Owner Provided Broadloom Carpet	20.03	
		Note: Includes adhesive for glue-down or tack strip for padded installations.		
		For Up To 15, Add	*3.92*	
		For >15 To 33, Add	*1.96*	

09 69 Access Flooring *(09 60)*

09 69 13 Rigid-Grid Access Flooring *(09 69)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 69 13 00-0001		**Panels, No Covering** *(09 69 13)*		
09 69 13 00-0002	SF	2' x 2' Panels - No Covering Access And Pedestal Floors	17.35	1.04
		For Carpet Covering, Add	*2.77*	
		For Vinyl Floor Covering, Add	*1.91*	
09 69 13 00-0003	SF	2' x 2' Perforated Panels Access And Pedestal Floors	32.64	1.04
		For Carpet Covering, Add	*2.77*	
		For Vinyl Floor Covering, Add	*1.91*	
09 69 13 00-0004	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Raf Blue 7153T	30.41	1.15
09 69 13 00-0005	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Sage Brown 7777T	30.41	1.15
09 69 13 00-0006	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Moondance 6808	30.41	1.15
09 69 13 00-0007	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Mosaic 6280	30.41	1.15
09 69 13 00-0008	SF	Tate 1250AS Panel Cover HPL 1/8" Nevamar ST2-2 Beige Star/Brown Trim	28.75	1.15
09 69 13 00-0009	SF	Tate 1250AS Panel Cover HPL 1/8" Nevamar ST6-1 Gray Star/Black Trim	28.75	1.15
09 69 13 00-0010	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Raf Blue 7153T	32.47	1.15
09 69 13 00-0011	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Sage Brown 7777T	32.47	1.15
09 69 13 00-0012	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Moondance 6808	32.47	1.15
09 69 13 00-0013	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Mosaic 6280	32.47	1.15
09 69 13 00-0014	SF	Tate Concore 1500 Panel Cover HPL 1/8" Nevamar ST-2 Beige Star/Brown Trim	30.82	1.15
09 69 13 00-0015	SF	Tate Concore 1500 Panel Cover HPL 1/8" Nevamar ST6-1 Grey Star/Black Trim	30.82	1.15
09 69 13 00-0016	SF	Tate 1250AS Perforated 25% O/A Cover 1/8 " Nevamar HPL ST2-2 Beige Star Trim	39.04	1.15
09 69 13 00-0017	SF	Tate 1250AS Perforated 25% O/A Cover 1/8 " Nevamar HPL ST6-1 Gray Star Trim	39.04	1.15
09 69 13 00-0018		**Pedestals** *(09 69 13)*		
09 69 13 00-0019	EA	6" To 12" Finished Floor Height, Pedestal Assembly	38.43	5.24
09 69 13 00-0020	EA	8" To 12" Finished Floor Height, Pedestal Assembly	40.49	5.24
09 69 13 00-0021	EA	18" To 24" Finished Floor Height, Pedestal Assembly	41.53	5.24
09 69 13 00-0022	EA	30" To 36" Finished Floor Height, Pedestal Assembly	45.27	5.24
09 69 13 00-0023		**Stringers** *(09 69 13)*		
09 69 13 00-0024	EA	2' Bolted Stringers, Access And Pedestal Floors	20.21	6.28
09 69 13 00-0025	EA	4' Bolted Stringers, Access And Pedestal Floors	34.86	9.42
09 69 13 00-0026	EA	6' Bolted Stringers, Access And Pedestal Floors	55.27	15.70
09 69 13 00-0027		**Understructure** *(09 69 13)*		
09 69 13 00-0028	SF	Standard Bolted Stringer Understructure 8" Or 12" Finished Floor Height	6.49	1.56
09 69 13 00-0029	SF	Standard Bolted Stringer Understructure 18" Or 24" Finished Floor Height	6.98	1.56
09 69 13 00-0030	SF	Standard Bolted Stringer Understructure 30" Or 36" Finished Floor Height	8.31	1.56
09 69 53		**Access Flooring Accessories** *(09 69)*		
09 69 53 00-0001		**Accessories** *(09 69 53)*		
09 69 53 00-0002	SF	Accessories, Ramp Assembly Access And Pedestal Floors	39.36	4.18
09 69 53 00-0003	LF	Accessories, Handrail Access And Pedestal Floors	63.54	7.32
09 69 53 00-0004	LF	Accessories, Fascia Plate Access And Pedestal Floors	26.51	7.32
09 69 53 00-0005	EA	Machine Cutouts	207.01	
09 69 53 00-0006	SF	Tate Tamp, Cover Step Master Slip Retard- Tile, Buckskin Or Slate	64.78	
09 69 53 00-0007	LF	Tate 2 Or 3 Riser Steps In Raised Floor System Note: Includes baffles, fascia plates trim and cover.	154.48	0.52
09 69 53 00-0008	LF	Tate Handrail	122.90	3.45
09 69 53 00-0009	SF	Hammered Aluminum Finish Fascia Note: Includes trim angles and hardware (8", 12", 18", and 24").	46.04	3.45
09 69 53 00-0010	EA	7" x 17" Lexan Floor Mounted Grille Note: Includes carpet trim to flush mount.	207.29	13.08
09 69 53 00-0011	EA	Cut Hole In Raised Floor And Trim With Black 1/2" Trim Material	48.74	
09 69 53 00-0012	EA	Cut Round Hole In Raised Floor And Trim Carpet Install 4" Plastic Insert (Gromtec#GT003)	48.74	
09 69 53 00-0013	EA	Rehab Panel (Any Brand, Weight) Carpet Cover Only - New UTP Carpet	60.03	2.10
09 69 53 00-0014	EA	Rehab Panel (Any Brand, Weight) Carpet Cover Only - New HPL	73.46	2.10
09 69 53 00-0015	EA	Rehab Panel (Any Brand, Weight) HPL Cover Only - With New HPL/WA Edge Trim	56.31	2.10
09 69 53 00-0016	EA	Rehab Panel (Any Brand, Weight) HPL Cover Only - With New HPL Top set Trim Edge	73.44	2.10
09 69 53 00-0017	EA	Flush Mounted Electrical Box (Including Cutting Hole Trim Carpet) P/N Telo-7018-4	204.79	13.08
09 69 53 00-0018	EA	Flush Mounted Telephone Box (Grey/Black/Communications) Note: Includes cut hole.	145.69	13.08
09 69 53 00-0019	EA	Flush Mounted Electrical Box (In Existing Hole) P/N Telo 7018-4	204.79	13.08
09 69 53 00-0020	EA	Flush Mounted Telephone Box (Grey/Black/Communications) (In Existing Hole) P/N Telo-7018-2	103.85	2.10
09 69 53 00-0021	EA	Removal And Reinstallation Of Flush Mounted Electrical, Telephone Or Communications Floor Box In Raised Floor	10.46	
09 69 53 00-0022		**Final Cleaning For Computer Room Raised Floor System** *(09 69 53)* Note: Includes wipe dirt/dust from stringers and raised floor beneath raised floor. For new or existing systems.		
09 69 53 00-0023	SF	Vacuum Raised Floor Carpet Panel, Wipe Dirt/Dust From Stringers And Floor Beneath Raised Floor	3.59	
09 69 53 00-0024	SF	Vacuum/Shampoo Raised Floor Carpet Panel, Wipe Dirt/Dust From Stringers And Floor Beneath	3.72	
09 69 53 00-0025	SF	Vacuum/Wet Mop Clean Raised Floor HPL Panel Wipe Dirt/Dust Stringers And Raised Floor	3.68	

09 70 Wall Finishes *(09)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 72 Wall Coverings *(09 70)*

09 72 13 Cork Wall Coverings *(09 72)*

09 72 13 00-0001 Cork Wall Covering *(09 72 13)*

09 72 13 00-0002	SF	1/8" Cork Wall Covering	5.56	0.90
09 72 13 00-0003	SF	1/4" Cork Wall Covering	7.07	0.90
09 72 13 00-0004	SF	1/2" Cork Wall Covering	8.28	0.90
09 72 13 00-0005	SF	3/4" Cork Wall Covering	11.80	0.90

09 72 16 Vinyl-Coated Fabric Wall Coverings *(09 72)*

09 72 16 13 Flexible Vinyl Wall Coverings *(09 72 16)*

09 72 16 13-0001 Vinyl Wall Coverings *(09 72 16 13)*

Note: Includes wall preparation adhesive, and sizing compound. Demolition includes the removal of wall covering and adhesive.

09 72 16 13-0002	SF	7 To 10 Oz./SY Vinyl Wall Covering	2.55	0.90
		For Owner Furnished Material, Deduct	*-1.15*	
09 72 16 13-0003	SF	11 To 14 Oz./SY Vinyl Wall Covering	3.17	0.90
		For Owner Furnished Material, Deduct	*-1.67*	
09 72 16 13-0004	SF	15 To 19 Oz./SY Vinyl Wall Covering	3.79	0.90
		For Owner Furnished Material, Deduct	*-2.10*	
09 72 16 13-0005	SF	20 To 25 Oz./SY Vinyl Wall Covering	4.30	0.90
		For Owner Furnished Material, Deduct	*-2.42*	
09 72 16 13-0006	SF	26 To 32 Oz./SY Vinyl Wall Covering	4.90	0.90
		For Owner Furnished Material, Deduct	*-2.94*	
09 72 16 13-0007	SF	33 To 38 Oz./SY Vinyl Wall Covering	5.77	0.90
		For Owner Furnished Material, Deduct	*-3.72*	

09 72 23 Wallpapering *(09 72)*

09 72 23 00-0001 Wallpaper Coverings *(09 72 23)*

Note: Includes wall preparation adhesive, and sizing compound. Demolition includes the removal of wall covering and adhesive.

09 72 23 00-0002	SF	Average Quality Wallpaper (Standard Grade)	2.25	1.19
09 72 23 00-0003	SF	High Quality Wallpaper (Designer Grade)	4.73	1.53
09 72 23 00-0004	SF	Textured Paintable Paper Installed On Ceiling	3.44	2.25

09 73 Wall Carpeting *(09 70)*

09 73 00 00-0001 Carpet Wall Covering *(09 73)*

09 73 00 00-0002	SY	28 Ounce, Nylon Carpet Wall Covering	50.74	26.81
09 73 00 00-0003	SY	32 Ounce, Nylon Carpet Wall Covering	52.03	26.81
09 73 00 00-0004	SY	34 Ounce, Nylon Carpet Wall Covering	56.26	28.88
09 73 00 00-0005	SY	35 Ounce, Nylon Carpet Wall Covering	59.51	28.88
09 73 00 00-0006	SY	36 Ounce, Nylon Carpet Wall Covering	62.88	28.88
09 73 00 00-0007	SY	38 Ounce, Nylon Carpet Wall Covering	64.44	28.88
09 73 00 00-0008	SY	40 Ounce, Nylon Carpet Wall Covering	67.14	31.19
09 73 00 00-0009	SY	42 Ounce, Nylon Carpet Wall Covering	70.10	31.19

09 74 Flexible Wood Sheets *(09 70)*

09 74 16 Flexible Wood Veneers *(09 74)*

09 74 16 00-0001 Flexible Wood Veneer *(09 74 16)*

09 74 16 00-0002	SF	1/32" Thick, Flexible Maple Wood Veneer	11.00	3.60
09 74 16 00-0003	SF	1/32" Thick, Flexible Oak Wood Veneer	11.24	3.60
09 74 16 00-0004	SF	1/32" Thick, Flexible Mahogany Wood Veneer	11.24	3.60
09 74 16 00-0005	SF	1/32" Thick, Flexible Birch Wood Veneer	11.47	3.60
09 74 16 00-0006	SF	1/32" Thick, Flexible Walnut Wood Veneer	12.67	3.60
09 74 16 00-0007	SF	1/32" Thick, Flexible Bamboo Wood Veneer	14.10	3.60
09 74 16 00-0008	SF	1/32" Thick, Flexible Fir Wood Veneer	15.77	3.60

09 74 16 00-0009 Flexible Exotic Wood Veneer *(09 74 16)*

09 74 16 00-0010	SF	1/32" Thick, Flexible Exotic Wood Veneer	19.91	3.60

09 78 Interior Wall Paneling *(09 70)*

09 78 13 Metal Interior Wall Paneling *(09 78)*

09 78 13 00-0001 Stainless Steel Wall Base *(09 78 13)*

Note: Grade CS304 with #4 satin polish

09 78 13 00-0002 22 Gauge Stainless Steel Wall Base *(09 78 13 00-0001)*

09 78 13 00-0003	LF	2" Height, 22 Gauge, Stainless Steel Straight Wall Base	12.28	2.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 78 13 00-0004	LF	4" Height, 22 Gauge, Stainless Steel Straight Wall Base	18.30	2.85
09 78 13 00-0005	LF	4-3/4" Height, 22 Gauge, Stainless Steel Straight Wall Base	20.44	2.85
09 78 13 00-0006	LF	6" Height, 22 Gauge, Stainless Steel Straight Wall Base	24.58	3.11
09 78 13 00-0007	LF	8" Height, 22 Gauge, Stainless Steel Straight Wall Base	30.83	3.45
09 78 13 00-0008	LF	2" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	13.86	2.59
09 78 13 00-0009	LF	4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	19.80	2.85
09 78 13 00-0010	LF	4-3/4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	21.91	2.85
09 78 13 00-0011	LF	6" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	25.86	3.11
09 78 13 00-0012	LF	8" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	32.13	3.45
09 78 13 00-0013	EA	2" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	34.18	5.17
09 78 13 00-0014	EA	4" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	43.44	5.70
09 78 13 00-0015	EA	4-3/4" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	46.64	5.70
09 78 13 00-0016	EA	6" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	52.80	6.21
09 78 13 00-0017	EA	8" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	62.51	6.91
09 78 13 00-0018	EA	2" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	70.81	5.17
09 78 13 00-0019	EA	4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	80.18	5.70
09 78 13 00-0020	EA	4-3/4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	83.27	5.70
09 78 13 00-0021	EA	6" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	89.54	6.21
09 78 13 00-0022	EA	8" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	99.25	6.91
09 78 13 00-0023	EA	2" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	34.18	5.17
09 78 13 00-0024	EA	4" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	43.44	5.70
09 78 13 00-0025	EA	4-3/4" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	46.64	5.70
09 78 13 00-0026	EA	6" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	52.80	6.21
09 78 13 00-0027	EA	8" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	62.51	6.91
09 78 13 00-0028	EA	2" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	85.54	5.17
09 78 13 00-0029	EA	4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	94.81	5.70
09 78 13 00-0030	EA	4-3/4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	98.01	5.70
09 78 13 00-0031	EA	6" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	104.17	6.21
09 78 13 00-0032	EA	8" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	113.88	6.91
09 78 13 00-0033		16 Gauge Stainless Steel Wall Base *(09 78 13 00-0001)*		
09 78 13 00-0034	LF	2" Height, 16 Gauge, Stainless Steel Straight Wall Base	21.42	2.59
09 78 13 00-0035	LF	4" Height, 16 Gauge, Stainless Steel Straight Wall Base	36.67	2.85
09 78 13 00-0036	LF	4-3/4" Height, 16 Gauge, Stainless Steel Straight Wall Base	42.14	2.85
09 78 13 00-0037	LF	6" Height, 16 Gauge, Stainless Steel Straight Wall Base	51.83	3.11
09 78 13 00-0038	LF	8" Height, 16 Gauge, Stainless Steel Straight Wall Base	69.06	3.45
09 78 13 00-0039	LF	2" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	22.90	2.59
09 78 13 00-0040	LF	4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	38.10	2.85
09 78 13 00-0041	LF	4-3/4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	43.18	2.85
09 78 13 00-0042	LF	6" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	53.31	3.11
09 78 13 00-0043	LF	8" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	68.68	3.45
09 78 13 00-0044	EA	2" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	47.84	5.17
09 78 13 00-0045	EA	4" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	70.88	5.70
09 78 13 00-0046	EA	4-3/4" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	79.00	5.70
09 78 13 00-0047	EA	6" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	93.91	6.21
09 78 13 00-0048	EA	8" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	117.40	6.91
09 78 13 00-0049	EA	2" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	84.54	5.17
09 78 13 00-0050	EA	4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	107.58	5.70
09 78 13 00-0051	EA	4-3/4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	115.85	5.70
09 78 13 00-0052	EA	6" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	130.65	6.21
09 78 13 00-0053	EA	8" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	154.03	6.91
09 78 13 00-0054	EA	2" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	47.84	5.17
09 78 13 00-0055	EA	4" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	70.88	5.70
09 78 13 00-0056	EA	4-3/4" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	79.00	5.70
09 78 13 00-0057	EA	6" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	93.91	6.21
09 78 13 00-0058	EA	8" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	117.40	6.91
09 78 13 00-0059	EA	2" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	99.21	5.17
09 78 13 00-0060	EA	4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	122.25	5.70
09 78 13 00-0061	EA	4-3/4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	130.54	5.70
09 78 13 00-0062	EA	6" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	145.35	6.21
09 78 13 00-0063	EA	8" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	168.77	6.91

09 80 Acoustic Treatment *(09)*

09 81 Acoustic Insulation *(09 80)*

09 81 16 Acoustic Blanket Insulation *(09 81)*

09 81 16 00-0001 Sound Attenuation Fire Blankets (SAFB) *(09 81 16)*
Note: Mineral wool

09 81 16 00-0002 2.5 PCF Density, Sound Attenuation Fire Blankets (SAFB) *(09 81 16 00-0001)*

09 81 16 00-0003	SF	1-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.05	0.34
09 81 16 00-0004	SF	2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.22	0.34
09 81 16 00-0005	SF	2-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.46	0.34
09 81 16 00-0006	SF	3" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.65	0.34
09 81 16 00-0007	SF	3-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.89	0.34
09 81 16 00-0008	SF	4" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	3.12	0.34
09 81 16 00-0009	SF	5" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	3.43	0.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 81 16 00-0010	SF	6" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	3.78	0.34
09 81 16 00-0011		4 PCF Density, Sound Attenuation Fire Blankets (SAFB) *(09 81 16 00-0001)*		
09 81 16 00-0012	SF	1" Thick, 4 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.01	0.34
09 81 16 00-0013		Sound Attenuation Batts *(09 81 16)*		
		Note: NoiseReducer® by Certainteed, Quitezone® by Owens Corning, Sound-Shield® by Johns Mansville.		
09 81 16 00-0014	SF	2-1/2" Thick, Unfaced Sound Attenuation Batt	1.73	0.46
09 81 16 00-0015	SF	3-1/2" Thick, Unfaced Sound Attenuation Batt	1.92	0.46
09 81 16 00-0016	SF	3-1/2" Thick, Kraft Faced Sound Attenuation Batt	2.07	0.46
09 81 16 00-0017	SF	5-1/2" Thick, Unfaced Sound Attenuation Batt	2.46	0.46
09 81 16 00-0018	SF	5-1/2" Thick, Kraft Faced Sound Attenuation Batt	2.58	0.46
09 81 16 00-0019	SF	6-1/4" Thick, Unfaced Sound Attenuation Batt	2.55	0.46
09 81 16 00-0020	SF	6-1/4" Thick, Kraft Faced Sound Attenuation Batt	2.68	0.46

09 84 Acoustic Room Components *(09 80)*

09 84 13 Fixed Sound-Absorptive Panels *(09 84)*

09 84 13 00-0001		Sound Absorbing Panels And Attenuation Blankets *(09 84 13)*		
		Note: No backs, 3" thick modular, ceiling or wall hung back. Excludes ceiling suspension systems and wall furring system.		
09 84 13 00-0002	SF	3" Thick Perforated Steel Sound Absorbing Panel Painted, No Back With Fiberglass Or Mineral Filler	13.31	2.30
09 84 13 00-0003	SF	1" Thick Fiberglass Sound Absorbing Panels With Glass Cloth Face For Walls	19.82	2.30
09 84 13 00-0004		Sound Absorbing Acoustical Wall Panel System *(09 84 13)*		
09 84 13 00-0005		Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak®) *(09 84 13 00-0004)*		
		Note: Includes tackable surface, molding and mounting hardware for flush mount.		
09 84 13 00-0006	SF	5/8" Panel Thickness, Vinyl Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Signature Vinyl)	15.17	2.59
09 84 13 00-0007	SF	3/4" Panel Thickness, Composed Fabric Surface (Non-Woven), Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Rhythms®)	13.99	2.59
09 84 13 00-0008	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 FR-701)	17.72	2.59
09 84 13 00-0009	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Lido™)	17.75	2.59
09 84 13 00-0010	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Spinel™)	19.64	2.59
09 84 13 00-0011	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Zirconia™)	19.64	2.59
09 84 13 00-0012		Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak®) *(09 84 13 00-0004)*		
		Note: Includes molding and mounting hardware for flush mount.		
09 84 13 00-0013	SF	1" Panel Thickness, Composed Fabric Surface (Non-Woven), Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Rhythms®)	17.77	2.59
09 84 13 00-0014	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 FR-701)	20.85	2.59
09 84 13 00-0015	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Lido™)	20.85	2.59
09 84 13 00-0016	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Spinel™)	23.92	2.59
09 84 13 00-0017	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Zirconia™)	23.92	2.59
09 84 13 00-0018		Sound Absorbing Panel, Eggcrate Style *(09 84 13)*		
		Note: Ceiling or wall hung back.		
09 84 13 00-0019	SF	2" Thick (Eggcrate Style) Polyurethane Sound Wave	13.86	
		For Pyramid Style, Add	*1.18*	
09 84 13 00-0020	SF	3" Thick (Eggcrate Style) Polyurethane Sound Wave	19.14	
		For Pyramid Style, Add	*1.18*	
09 84 13 00-0021	SF	4" Thick (Eggcrate Style) Polyurethane Sound Wave	26.13	
		For Pyramid Style, Add	*1.18*	
09 84 13 00-0022	SF	2" Thick (Eggcrate Style) Melamine Sound Wave	19.40	
		For Eggcrate Style With Hypalon Coating, Add	*1.97*	
		For Pyramid Style, Add	*2.05*	
		For Pyramid Style With Hypalon Coating, Add	*4.02*	
09 84 13 00-0023	SF	3" Thick (Eggcrate Style) Melamine Sound Wave	28.05	
		For Eggcrate Style With Hypalon Coating, Add	*1.97*	
		For Pyramid Style, Add	*0.42*	
		For Pyramid Style With Hypalon Coating, Add	*2.40*	
09 84 13 00-0024	SF	4" Thick (Eggcrate Style) Melamine Sound Wave	35.83	
		For Eggcrate Style With Hypalon Coating, Add	*1.97*	
		For Pyramid Style, Add	*0.42*	
		For Pyramid Style With Hypalon Coating, Add	*2.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 84 13 00-0025		Sound Deadening Fiberboard *(09 84 13)*		
09 84 13 00-0026	SF	1/2" Sound Deadening Fiberboard	1.55	0.57
		For Horizontal Installation Up To 10' High, Add	*0.36*	
		For Horizontal Installation >10' High, Add	*0.53*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*0.52*	
		For >128 To 320, Add	*0.31*	

09 90 Painting and Coating *(09)*

Note: Includes masking, safety signs, cleaning of area (dry wiping down walls, floors, doors, etc.), removal of loose paint (paint, caulk, etc.), feathering rough edges, sanding between coats, protective work to contain dust and paint splatters (drop cloths), unless otherwise noted, removal and reinstallation of cabinet hardware, switch covers and outlet plates, equipment to place paint and ladders. New construction work additionally includes filling knots, divots, depressions, holes (screw and nail holes in drywall to 1/4" diameter of unlimited quantity). All work designated as "brush/roller" includes brush work for cut and roller work up to cut in. See CSI section 07 92 00 00-0000 for caulking where required, 09 01 20 00-0000 for severely damaged surface preparation in excess of items included above, hand scrape, pressure washing and chemical cleaning where required.

09 91 Painting *(09 90)*

09 91 13 Exterior Painting *(09 91)*

Note: Acrylic latex paint unless otherwise stated. Paint tasks covers all paint sheens: flat, eggshell, satin, semi-gloss, or gloss.

09 91 13 00-0001		Paint Exterior Walls/Siding *(09 91 13)*		
09 91 13 00-0002		Paint Exterior Brick Walls *(09 91 13 00-0001)*		
09 91 13 00-0003	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Brick Walls	0.25	
		For Work >20' To 30' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.02*	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.16*	
		For >100 To 250, Add	*0.08*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 20,000, Deduct	*-0.04*	
		For >20,000, Deduct	*-0.05*	
09 91 13 00-0004	SF	1 Coat Filler, Brush Work, Paint Exterior Brick Walls	1.08	
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
09 91 13 00-0005	SF	1 Coat Paint, Brush Work, Paint Exterior Brick Walls	1.51	
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.94*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0006	SF	2 Coats Paint, Brush Work, Paint Exterior Brick Walls	2.24	
		For Work >20' To 30' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.87*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.29*	
		For >100 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.34*	
		For >20,000, Deduct	*-0.45*	
09 91 13 00-0007	SF	1 Coat Filler, Brush/Roller Work, Paint Exterior Brick Walls	0.76	
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0008	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Brick Walls	1.23	
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.25*	
09 91 13 00-0009	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Brick Walls	1.86	
		For Work >20' To 30' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.95*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.37*	
09 91 13 00-0010	SF	1 Coat Filler, Sprayed, Paint Exterior Brick Walls	0.77	
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0011	SF	1 Coat Paint, Sprayed, Paint Exterior Brick Walls	0.81	
		For Work >20' To 30' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0012	SF	2 Coats Paint, Sprayed, Paint Exterior Brick Walls	1.68	
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.34*	

09 91 13 00-0013 Paint Exterior Concrete Walls *(09 91 13 00-0001)*

09 91 13 00-0014	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Walls	0.16	
		For Work >20' To 30' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.01*	
		For Epoxy Paint, Add	*0.02*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.10*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	
09 91 13 00-0015	SF	1 Coat Filler, Brush Work, Paint Exterior Concrete Walls	0.91	
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0016	SF	1 Coat Filler, Brush Work, Paint Exterior Concrete Walls	0.96	
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0017	SF	2 Coats Paint, Brush Work, Paint Exterior Concrete Walls	1.83	
		For Work >20' To 30' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.11*	
		For Epoxy Paint, Add	*0.20*	
		For Work >15' To 20' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.80*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.15*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.37*	
09 91 13 00-0018	SF	1 Coat Filler, Brush/Roller Work, Paint Exterior Concrete Walls	0.75	
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0019	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Walls	0.82	
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0020	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Walls	1.41	
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.09*	
		For Epoxy Paint, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.57*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 13 00-0021	SF	1 Coat Filler, Sprayed, Paint Exterior Concrete Walls	0.69	
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0022	SF	1 Coat Paint, Sprayed, Paint Exterior Concrete Walls	0.62	
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 13 00-0023	SF	2 Coats Paint, Sprayed, Paint Exterior Concrete Walls	1.10	
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	

09 91 13 00-0024 Paint Exterior Concrete Block Walls *(09 91 13 00-0001)*

09 91 13 00-0025 Paint Exterior Concrete Block Walls, Epoxy Paint *(09 91 13 00-0024)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0026	LF	1 Coat Epoxy Paint, Cut-in Brush Work, Paint Exterior Concrete Block Walls	0.24	
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.14*	
		For >100 To 250, Add	*0.07*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.04*	
		For >20,000, Deduct	*-0.05*	
09 91 13 00-0027	SF	1 Coat Epoxy Filler, Brush Work, Paint Exterior Concrete Block Walls	1.31	
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	
09 91 13 00-0028	SF	1 Coat Epoxy Paint, Brush Work, Paint Exterior Concrete Block Walls	1.48	
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.30*	
09 91 13 00-0029	SF	2 Coats Epoxy Paint, Brush Work, Paint Exterior Concrete Block Walls	2.61	
		For Work >20' To 30' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.71*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.98*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.46*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.31*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000 To 20,000, Deduct	*-0.39*	
		For >20,000, Deduct	*-0.52*	
09 91 13 00-0030	SF	1 Coat Epoxy Filler, Brush/Roller Work, Paint Exterior Concrete Block Walls	1.10	
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0031	SF	1 Coat Epoxy Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls	1.20	
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 13 00-0032	SF	2 Coats Epoxy Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls	2.15	
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.11*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.43*	
09 91 13 00-0033	SF	1 Coat Epoxy Filler, Sprayed, Paint Exterior Concrete Block Walls	0.95	
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0034	SF	1 Coat Epoxy Paint, Sprayed, Paint Exterior Concrete Block Walls	1.03	
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.21*	
09 91 13 00-0035	SF	2 Coats Epoxy Paint, Sprayed, Paint Exterior Concrete Block Walls	2.01	
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.87*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	

09 91 13 00-0036 Paint Exterior Concrete Block Walls, Acrylic Latex Paint *(09 91 13 00-0024)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0037	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Block Walls	0.23	
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.14*	
		For >100 To 250, Add	*0.07*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.05*	
09 91 13 00-0038	SF	1 Coat Filler, Brush Work, Paint Exterior Concrete Block Walls	1.17	
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.23*	
09 91 13 00-0039	SF	1 Coat Paint, Brush Work, Paint Exterior Concrete Block Walls	1.39	
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 13 00-0040	SF	2 Coats Paint, Brush Work, Paint Exterior Concrete Block Walls	2.56	
		For Work >20' To 30' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.00*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.48*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.31*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000 To 20,000, Deduct	*-0.38*	
		For >20,000, Deduct	*-0.51*	
09 91 13 00-0041	SF	1 Coat Texture Paint, Brush Work, Paint Exterior Concrete Block Walls	1.56	
		For Work >20' To 30' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.63*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0042	SF	1 Coat Filler, Brush/Roller Work, Paint Exterior Concrete Block Walls	0.94	
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0043	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls	1.20	
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 13 00-0044	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls	2.10	
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.75*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.13*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.42*	
09 91 13 00-0045	SF	1 Coat Texture Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls	1.35	
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
09 91 13 00-0046	SF	1 Coat Filler, Sprayed, Paint Exterior Concrete Block Walls	0.96	
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0047	SF	1 Coat Paint, Sprayed, Paint Exterior Concrete Block Walls	1.02	
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0048	SF	2 Coats Paint, Sprayed, Paint Exterior Concrete Block Walls	1.55	
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.83*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
09 91 13 00-0049	SF	1 Coat Texture Paint, Sprayed, Paint Exterior Concrete Block Walls	1.30	
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	

09 91 13 00-0050 Paint Exterior Drywall/Plaster Walls *(09 91 13 00-0001)*

09 91 13 00-0051	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Drywall/Plaster Walls	0.16	
		For Work >20' To 30' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.01*	
		For Epoxy Paint, Add	*0.02*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.10*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0052	SF	1 Coat Primer, Brush Work, Paint Exterior Drywall/Plaster Wall	0.94	
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.06*	
		For Orange Peel Finish, Add	*0.13*	
		For Epoxy Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0053	SF	1 Coat Paint, Brush Work, Paint Exterior Drywall/Plaster Walls	0.99	
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.06*	
		For Orange Peel Finish, Add	*0.14*	
		For Epoxy Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0054	SF	2 Coats Paint, Brush Work, Paint Exterior Drywall/Plaster Walls	1.84	
		For Work >20' To 30' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.11*	
		For Orange Peel Finish, Add	*0.25*	
		For Epoxy Paint, Add	*0.20*	
		For Work >15' To 20' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.81*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.16*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.37*	
09 91 13 00-0055	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Drywall/Plaster Walls	0.76	
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.10*	
		For Epoxy Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0056	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Walls	0.74	
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.10*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0057	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Walls	1.38	
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.09*	
		For Orange Peel Finish, Add	*0.18*	
		For Epoxy Paint, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 13 00-0058	SF	1 Coat Primer, Sprayed, Paint Exterior Drywall/Plaster Walls	0.69	
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0059	SF	1 Coat Paint, Sprayed, Paint Exterior Drywall/Plaster Walls	0.72	
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0060	SF	2 Coats Paint, Sprayed, Paint Exterior Drywall/Plaster Walls	1.19	
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.20*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	

09 91 13 00-0061 Paint Exterior Metal Walls *(09 91 13 00-0001)*

09 91 13 00-0062 Paint Exterior Galvanized Walls *(09 91 13 00-0061)*

Note: Linseed oil or acrylic latex paint.

09 91 13 00-0063	SF	1 Coat Primer, Brush Work, Paint Exterior Galvanized Wall Surfaces	1.17	
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.23*	
09 91 13 00-0064	SF	1 Coat Paint, Brush Work, Paint Exterior Galvanized Wall Surfaces	1.28	
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	
09 91 13 00-0065	SF	2 Coats Paint, Brush Work, Paint Exterior Galvanized Wall Surfaces	2.34	
		For Work >20' To 30' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.87*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.31*	
		For >100 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.35*	
		For >20,000, Deduct	*-0.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0066	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Galvanized Walls	0.88	
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0067	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Galvanized Walls	1.00	
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0068	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Galvanized Walls	1.89	
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.69*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.38*	
09 91 13 00-0069	SF	1 Coat Primer, Sprayed, Paint Exterior Galvanized Walls	0.79	
		For Work >20' To 30' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0070	SF	1 Coat Paint, Sprayed, Paint Exterior Galvanized Walls	1.02	
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0071	SF	2 Coats Paint, Sprayed, Paint Exterior Galvanized Walls	1.73	
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	
09 91 13 00-0072		Paint Exterior Aluminum And Aluminum Alloy Walls *(09 91 13 00-0061)*		
		Note: Alkyd enamel paint.		
09 91 13 00-0073	SF	1 Coat Primer, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces	1.17	
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.23*	
09 91 13 00-0074	SF	1 Coat Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces	1.28	
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	
09 91 13 00-0075	SF	2 Coats Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces	2.33	
		For Work >20' To 30' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.87*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.30*	
		For >100 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.35*	
		For >20,000, Deduct	*-0.47*	
09 91 13 00-0076	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Walls	1.00	
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0077	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Walls	1.11	
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 13 00-0078	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Walls	2.11	
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.69*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.07*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.42*	
09 91 13 00-0079	SF	1 Coat Primer, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Walls	0.87	
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0080	SF	1 Coat Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Walls	1.02	
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0081	SF	2 Coats Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Walls	1.73	
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	

09 91 13 00-0082 Paint Exterior Aluminum And Aluminum Alloy Roof Stacks *(09 91 13 00-0061)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0083	LF	1 Coat Primer, Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, Per LF Of Stack	15.22	
		For Work >20' To 30' Above Floor, Add	*3.27*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*1.96*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*5.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*7.19*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*10.13*	
		For >100 To 250, Add	*4.79*	
		For >250 To 500, Add	*2.07*	
		For >2,500 To 5,000, Deduct	*-0.76*	
		For >5,000 To 10,000, Deduct	*-1.52*	
		For >10,000 To 20,000, Deduct	*-2.28*	
		For >20,000, Deduct	*-3.04*	
09 91 13 00-0084	LF	1 Coat Paint, Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, Per LF Of Stack	16.94	
		For Work >20' To 30' Above Floor, Add	*3.63*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*2.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*5.81*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*7.99*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*11.26*	
		For >100 To 250, Add	*5.33*	
		For >250 To 500, Add	*2.30*	
		For >2,500 To 5,000, Deduct	*-0.85*	
		For >5,000 To 10,000, Deduct	*-1.69*	
		For >10,000 To 20,000, Deduct	*-2.54*	
		For >20,000, Deduct	*-3.39*	
09 91 13 00-0085	LF	2 Coats Paint, Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, Per LF Of Stack	31.61	
		For Work >20' To 30' Above Floor, Add	*6.83*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*4.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*10.93*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*15.03*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*21.13*	
		For >100 To 250, Add	*9.99*	
		For >250 To 500, Add	*4.31*	
		For >2,500 To 5,000, Deduct	*-1.58*	
		For >5,000 To 10,000, Deduct	*-3.16*	
		For >10,000 To 20,000, Deduct	*-4.74*	
		For >20,000, Deduct	*-6.32*	

09 91 13 00-0086 Paint Exterior Corrugated Metal Walls *(09 91 13 00-0061)*

09 91 13 00-0087	SF	1 Coat Primer, Sprayed, Paint Exterior Corrugated Metal Walls	0.97	
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0088	SF	1 Coat Paint, Sprayed, Paint Exterior Corrugated Metal Walls	1.27	
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0089	SF	2 Coats Paint, Sprayed, Paint Exterior Corrugated Metal Walls	2.15	
		For Work >20' To 30' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.02*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.43*	

09 91 13 00-0090 Paint Exterior Stucco Walls *(09 91 13 00-0001)*

09 91 13 00-0091	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Stucco Wall Surfaces	0.27	
		For Work >20' To 30' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.02*	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.17*	
		For >100 To 250, Add	*0.08*	
		For >250 To 500, Add	*0.04*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 20,000, Deduct	*-0.04*	
		For >20,000, Deduct	*-0.05*	
09 91 13 00-0092	SF	1 Coat Primer, Brush Work, Paint Exterior Stucco Wall Surfaces	1.53	
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.69*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.98*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
09 91 13 00-0093	SF	1 Coat Paint, Brush Work, Paint Exterior Stucco Wall Surfaces	1.69	
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.55*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.75*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.08*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.34*	
09 91 13 00-0094	SF	2 Coats Paint, Brush Work, Paint Exterior Stucco Wall Surfaces	3.15	
		For Work >20' To 30' Above Floor, Add	*0.63*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*1.00*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.38*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.97*	
		For >100 To 250, Add	*0.94*	
		For >250 To 500, Add	*0.41*	
		For >2,500 To 5,000, Deduct	*-0.16*	
		For >5,000 To 10,000, Deduct	*-0.32*	
		For >10,000 To 20,000, Deduct	*-0.47*	
		For >20,000, Deduct	*-0.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0095	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Stucco Walls	1.18	
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 13 00-0096	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Stucco Walls	1.33	
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
09 91 13 00-0097	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Stucco Walls	2.48	
		For Work >20' To 30' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.01*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.47*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.31*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.37*	
		For >20,000, Deduct	*-0.50*	
09 91 13 00-0098	SF	1 Coat Primer, Sprayed, Paint Exterior Stucco Walls	0.93	
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0099	SF	1 Coat Paint, Sprayed, Paint Exterior Stucco Walls	1.15	
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0100	SF	2 Coats Paint, Sprayed, Paint Exterior Stucco Walls	2.21	
		For Work >20' To 30' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.81*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.21*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.44*	

09 91 13 00-0101 Paint Exterior Wood Siding *(09 91 13 00-0001)*

09 91 13 00-0102 Paint Exterior Smooth Wood Siding *(09 91 13 00-0101)*

Note: Includes tongue and groove, beveled, drop or board and batten siding.

09 91 13 00-0103	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Wood Smooth Siding	0.23	
		For Work >20' To 30' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.14*	
		For >100 To 250, Add	*0.07*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.05*	
09 91 13 00-0104	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Smooth Siding	1.31	
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	
09 91 13 00-0105	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Smooth Siding	1.38	
		For Work >20' To 30' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.61*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.87*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0106	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Smooth Siding	2.47	
		For Work >20' To 30' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.77*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.06*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.52*	
		For >100 To 250, Add	*0.73*	
		For >250 To 500, Add	*0.32*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.37*	
		For >20,000, Deduct	*-0.49*	
09 91 13 00-0107	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Smooth Wood Siding	1.06	
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 13 00-0108	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Smooth Wood Siding	1.14	
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 13 00-0109	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Smooth Wood Siding	2.16	
		For Work >20' To 30' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.60*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.83*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.23*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.43*	
09 91 13 00-0110	SF	1 Coat Primer, Sprayed, Paint Exterior Smooth Wood Siding	0.90	
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0111	SF	1 Coat Paint, Sprayed, Paint Exterior Smooth Wood Siding	1.06	
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 13 00-0112	SF	2 Coats Paint, Sprayed, Paint Exterior Smooth Wood Siding	1.74	
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.89*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	
09 91 13 00-0113		Paint Exterior Rough Wood Siding *(09 91 13 00-0101)*		
		Note: Includes shingles, shakes or rough sawn siding.		
09 91 13 00-0114	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding	1.74	
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.55*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.75*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.08*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	
09 91 13 00-0115	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding	1.72	
		For Work >20' To 30' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.79*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.12*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0116	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding	3.17	
		For Work >20' To 30' Above Floor, Add	*0.66*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*1.05*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.44*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*2.05*	
		For >100 To 250, Add	*0.97*	
		For >250 To 500, Add	*0.42*	
		For >2,500 To 5,000, Deduct	*-0.16*	
		For >5,000 To 10,000, Deduct	*-0.32*	
		For >10,000 To 20,000, Deduct	*-0.48*	
		For >20,000, Deduct	*-0.63*	
09 91 13 00-0117	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Shingles, Shakes Or Rough Sawn Wood Siding	1.62	
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
09 91 13 00-0118	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Shingles, Shakes Or Rough Sawn Wood Siding	1.74	
		For Work >20' To 30' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.63*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.95*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	
09 91 13 00-0119	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Shingles, Shakes Or Rough Sawn Wood Siding	3.25	
		For Work >20' To 30' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.22*	
		For Work >15' To 20' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.82*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.13*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.72*	
		For >100 To 250, Add	*0.84*	
		For >250 To 500, Add	*0.37*	
		For >2,500 To 5,000, Deduct	*-0.16*	
		For >5,000 To 10,000, Deduct	*-0.33*	
		For >10,000 To 20,000, Deduct	*-0.49*	
		For >20,000, Deduct	*-0.65*	
09 91 13 00-0120	SF	1 Coat Primer, Sprayed, Paint Exterior Shingles, Shakes Or Rough Sawn Wood Siding	1.24	
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0121	SF	1 Coat Paint, Sprayed, Paint Exterior Shingles, Shakes Or Rough Sawn Wood Siding	1.38	
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 13 00-0122	SF	2 Coats Paint, Sprayed, Paint Exterior Shingles, Shakes Or Rough Sawn Wood Siding	2.62	
		For Work >20' To 30' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.88*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.35*	
		For >100 To 250, Add	*0.66*	
		For >250 To 500, Add	*0.29*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000 To 20,000, Deduct	*-0.39*	
		For >20,000, Deduct	*-0.52*	

09 91 13 00-0123 Paint Exterior Vinyl Siding *(09 91 13 00-0001)*

09 91 13 00-0124	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Vinyl Siding	0.18	
		For Work >20' To 30' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.11*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	
09 91 13 00-0125	SF	1 Coat Primer, Brush Work, Paint Exterior Vinyl Siding	1.00	
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0126	SF	1 Coat Paint, Brush Work, Paint Exterior Vinyl Siding	1.09	
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
09 91 13 00-0127	SF	2 Coats Paint, Brush Work, Paint Exterior Vinyl Siding	2.06	
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.55*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.75*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.13*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.41*	
09 91 13 00-0128	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Vinyl Siding	0.94	
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0129	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Vinyl Siding	0.94	
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0130	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Vinyl Siding	1.76	
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.88*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0131	SF	1 Coat Primer, Sprayed, Paint Exterior Vinyl Siding	0.90	
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0132	SF	1 Coat Paint, Sprayed, Paint Exterior Vinyl Siding	1.04	
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 13 00-0133	SF	2 Coats Paint, Sprayed, Paint Exterior Vinyl Siding	2.03	
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.83*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.41*	

09 91 13 00-0134 Paint Exterior Ceilings *(09 91 13)*

09 91 13 00-0135 Paint Exterior Concrete Ceilings *(09 91 13 00-0134)*

09 91 13 00-0136	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Ceiling	0.18	
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.01*	
		For Epoxy Paint, Add	*0.02*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.12*	
		For >100 To 250, Add	*0.06*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0137	SF	1 Coat Filler, Brush Work, Paint Exterior Concrete Ceiling	1.02	
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0138	SF	1 Coat Paint, Brush Work, Paint Exterior Concrete Ceiling	1.09	
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
09 91 13 00-0139	SF	2 Coats Paint, Brush Work, Paint Exterior Concrete Ceiling	1.96	
		For Work >20' To 30' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.12*	
		For Epoxy Paint, Add	*0.21*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.87*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.25*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.39*	
09 91 13 00-0140	SF	1 Coat Filler, Brush/Roller Work, Paint Exterior Concrete Ceiling	0.80	
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0141	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Ceiling	0.86	
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0142	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Ceiling	1.63	
		For Work >20' To 30' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.10*	
		For Epoxy Paint, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.69*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.00*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.33*	
09 91 13 00-0143	SF	1 Coat Filler, Sprayed, Paint Exterior Concrete Ceiling	0.72	
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0144	SF	1 Coat Paint, Sprayed, Paint Exterior Concrete Ceiling	0.82	
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0145	SF	2 Coats Paint, Sprayed, Paint Exterior Concrete Ceiling	1.33	
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.09*	
		For Epoxy Paint, Add	*0.20*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
09 91 13 00-0146		**Drywall/Plaster** *(09 91 13 00-0134)*		
09 91 13 00-0147	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Drywall/Plaster Ceiling	0.18	
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.01*	
		For Epoxy Paint, Add	*0.02*	
		For Epoxy Paint, Add	*0.02*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.12*	
		For >100 To 250, Add	*0.06*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	
09 91 13 00-0148	SF	1 Coat Primer, Brush Work, Paint Exterior Drywall/Plaster Ceiling	1.03	
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.06*	
		For Orange Peel Finish, Add	*0.14*	
		For Epoxy Paint, Add	*0.12*	
		For Epoxy Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.21*	
09 91 13 00-0149	SF	1 Coat Paint, Brush Work, Paint Exterior Drywall/Plaster Ceiling	1.09	
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.06*	
		For Orange Peel Finish, Add	*0.15*	
		For Epoxy Paint, Add	*0.11*	
		For Epoxy Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0150	SF	2 Coats Paint, Brush Work, Paint Exterior Drywall/Plaster Ceiling	1.96	
		For Work >20' To 30' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.12*	
		For Orange Peel Finish, Add	*0.27*	
		For Epoxy Paint, Add	*0.21*	
		For Epoxy Paint, Add	*0.21*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.87*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.25*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.39*	
09 91 13 00-0151	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Drywall/Plaster Ceiling	0.79	
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.10*	
		For Epoxy Paint, Add	*0.11*	
		For Epoxy Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0152	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Ceiling	0.86	
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.12*	
		For Epoxy Paint, Add	*0.10*	
		For Epoxy Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0153	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Ceiling	1.62	
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.10*	
		For Orange Peel Finish, Add	*0.22*	
		For Epoxy Paint, Add	*0.19*	
		For Epoxy Paint, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.69*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.99*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0154	SF	1 Coat Primer, Sprayed, Paint Exterior Drywall/Plaster Ceiling	0.71	
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.12*	
		For Epoxy Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0155	SF	1 Coat Paint, Sprayed, Paint Exterior Drywall/Plaster Ceiling	0.82	
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.11*	
		For Epoxy Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0156	SF	2 Coats Paint, Sprayed, Paint Exterior Drywall/Plaster Ceiling	1.34	
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.09*	
		For Epoxy Paint, Add	*0.21*	
		For Epoxy Paint, Add	*0.21*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	

09 91 13 00-0157 Paint Exterior Wood Ceilings *(09 91 13 00-0134)*

09 91 13 00-0158 Paint Exterior Smooth Wood Ceilings *(09 91 13 00-0157)*

09 91 13 00-0159	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Wood Smooth Ceiling	0.22	
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.14*	
		For >100 To 250, Add	*0.06*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0160	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Smooth Ceiling	1.27	
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 13 00-0161	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Smooth Ceiling	1.30	
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	
09 91 13 00-0162	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Smooth Ceiling	2.38	
		For Work >20' To 30' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.01*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.46*	
		For >100 To 250, Add	*0.70*	
		For >250 To 500, Add	*0.30*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.36*	
		For >20,000, Deduct	*-0.48*	
09 91 13 00-0163	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Smooth Wood Ceiling	1.06	
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 13 00-0164	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Smooth Wood Ceiling	1.12	
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0165	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Smooth Wood Ceiling	2.02	
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.55*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.75*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.13*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	
09 91 13 00-0166	SF	1 Coat Primer, Sprayed, Paint Exterior Smooth Wood Ceiling	0.87	
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0167	SF	1 Coat Paint, Sprayed, Paint Exterior Smooth Wood Ceiling	0.87	
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0168	SF	2 Coats Paint, Sprayed, Paint Exterior Smooth Wood Ceiling	1.57	
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.31*	

09 91 13 00-0169 Paint Exterior Rough Wood Ceilings *(09 91 13 00-0157)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0170	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Rough Ceiling	1.89	
		For Work >20' To 30' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.57*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.79*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.14*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.38*	
09 91 13 00-0171	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Rough Ceiling	1.88	
		For Work >20' To 30' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.88*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.24*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.38*	
09 91 13 00-0172	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Rough Ceiling	3.29	
		For Work >20' To 30' Above Floor, Add	*0.69*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*1.10*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.51*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*2.14*	
		For >100 To 250, Add	*1.01*	
		For >250 To 500, Add	*0.44*	
		For >2,500 To 5,000, Deduct	*-0.16*	
		For >5,000 To 10,000, Deduct	*-0.33*	
		For >10,000 To 20,000, Deduct	*-0.49*	
		For >20,000, Deduct	*-0.66*	
09 91 13 00-0173	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Rough Wood Ceiling	1.74	
		For Work >20' To 30' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.63*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.95*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	
09 91 13 00-0174	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Rough Wood Ceiling	1.85	
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.69*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0175	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Rough Wood Ceiling	3.35	
		For Work >20' To 30' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.23*	
		For Work >15' To 20' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.86*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.18*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.79*	
		For >100 To 250, Add	*0.87*	
		For >250 To 500, Add	*0.38*	
		For >2,500 To 5,000, Deduct	*-0.17*	
		For >5,000 To 10,000, Deduct	*-0.34*	
		For >10,000 To 20,000, Deduct	*-0.50*	
		For >20,000, Deduct	*-0.67*	
09 91 13 00-0176	SF	1 Coat Primer, Sprayed, Paint Exterior Rough Wood Ceiling	1.38	
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 13 00-0177	SF	1 Coat Paint, Sprayed, Paint Exterior Rough Wood Ceiling	1.52	
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.83*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
09 91 13 00-0178	SF	2 Coats Paint, Sprayed, Paint Exterior Rough Wood Ceiling	2.77	
		For Work >20' To 30' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.70*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.96*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.47*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.31*	
		For >2,500 To 5,000, Deduct	*-0.14*	
		For >5,000 To 10,000, Deduct	*-0.28*	
		For >10,000 To 20,000, Deduct	*-0.42*	
		For >20,000, Deduct	*-0.55*	

09 91 13 00-0179 Paint Exterior Metal Ceilings *(09 91 13 00-0134)*

09 91 13 00-0180 Paint Exterior Galvanized Ceilings *(09 91 13 00-0179)*
Note: Linseed oil or acrylic latex paint.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0181	SF	1 Coat Primer, Brush Work, Paint Exterior Galvanized Ceiling	1.28	
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	
09 91 13 00-0182	SF	1 Coat Paint, Brush Work, Paint Exterior Galvanized Ceiling	1.39	
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 13 00-0183	SF	2 Coats Paint, Brush Work, Paint Exterior Galvanized Ceiling	2.57	
		For Work >20' To 30' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.01*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.48*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.31*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000 To 20,000, Deduct	*-0.39*	
		For >20,000, Deduct	*-0.51*	
09 91 13 00-0184	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Galvanized Ceiling	0.99	
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0185	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Galvanized Ceiling	1.11	
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0186	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Galvanized Ceiling	1.98	
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.55*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.75*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.12*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	
09 91 13 00-0187	SF	1 Coat Primer, Sprayed, Paint Exterior Galvanized Ceiling	1.02	
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0188	SF	1 Coat Paint, Sprayed, Paint Exterior Galvanized Ceiling	1.15	
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 13 00-0189	SF	2 Coats Paint, Sprayed, Paint Exterior Galvanized Ceiling	1.88	
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.89*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.38*	

09 91 13 00-0190 Paint Exterior Aluminum And Aluminum Alloy Ceilings *(09 91 13 00-0179)*

Note: Alkyd enamel paint.

09 91 13 00-0191	SF	1 Coat Primer, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.28	
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0192	SF	1 Coat Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.39	
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 13 00-0193	SF	2 Coats Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	2.57	
		For Work >20' To 30' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.01*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.48*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.31*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000 To 20,000, Deduct	*-0.39*	
		For >20,000, Deduct	*-0.51*	
09 91 13 00-0194	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.11	
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 13 00-0195	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.23	
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.25*	
09 91 13 00-0196	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	2.23	
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.55*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.75*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.16*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0197	SF	1 Coat Primer, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.02	
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0198	SF	1 Coat Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.02	
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0199	SF	2 Coats Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.88	
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.89*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.38*	

09 91 13 00-0200 Paint Exterior Corrugated Metal Ceilings *(09 91 13 00-0179)*

09 91 13 00-0201	SF	1 Coat Primer, Sprayed, Paint Exterior Corrugated Metal Ceiling	1.11	
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 13 00-0202	SF	1 Coat Paint, Sprayed, Paint Exterior Corrugated Metal Ceiling	1.27	
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0203	SF	2 Coats Paint, Sprayed, Paint Exterior Corrugated Metal Ceiling	2.33	
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.74*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.15*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.35*	
		For >20,000, Deduct	*-0.47*	

09 91 13 00-0204 Paint Exterior Floors *(09 91 13)*

09 91 13 00-0205 Paint Exterior Concrete Floors *(09 91 13 00-0204)*

09 91 13 00-0206	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Floors And Decks	0.14	
		For Up To 100, Add	*0.09*	
		For >100 To 250, Add	*0.04*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	
09 91 13 00-0207	SF	1 Coat Primer, Brush Work, Paint Exterior Concrete Floors And Decks	0.80	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.11*	
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0208	SF	1 Coat Paint, Brush Work, Paint Exterior Concrete Floors And Decks	0.86	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.10*	
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0209	SF	2 Coats Paint, Brush Work, Paint Exterior Concrete Floors And Decks	1.62	
		For Oil Based Paint, Add	*0.10*	
		For Epoxy Paint, Add	*0.19*	
		For Up To 100, Add	*0.99*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
09 91 13 00-0210	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	0.68	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.10*	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0211	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	0.75	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0212	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	1.26	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.17*	
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 13 00-0213	SF	1 Coat Primer, Sprayed, Paint Exterior Concrete Floors And Decks	0.57	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.11*	
		For Up To 100, Add	*0.26*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.11*	
09 91 13 00-0214	SF	1 Coat Paint, Sprayed, Paint Exterior Concrete Floors And Decks	0.67	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.10*	
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 13 00-0215	SF	2 Coats Paint, Sprayed, Paint Exterior Concrete Floors And Decks	1.19	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.20*	
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 13 00-0216	SF	1 Coat Non-Slip Paint, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	2.26	
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.34*	
		For >20,000, Deduct	*-0.45*	
09 91 13 00-0217	SF	1 Coat Anti-Slip Paint, Single Component Epoxy Coating, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	5.50	
		For Up To 100, Add	*1.17*	
		For >100 To 250, Add	*0.69*	
		For >250 To 500, Add	*0.33*	
		For >2,500 To 5,000, Deduct	*-0.28*	
		For >5,000 To 10,000, Deduct	*-0.55*	
		For >10,000 To 20,000, Deduct	*-0.83*	
		For >20,000, Deduct	*-1.10*	
09 91 13 00-0218	SF	1 Coat Anti-Slip Paint, High Performance Epoxy Coating, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	6.86	
		For Up To 100, Add	*1.37*	
		For >100 To 250, Add	*0.83*	
		For >250 To 500, Add	*0.40*	
		For >2,500 To 5,000, Deduct	*-0.34*	
		For >5,000 To 10,000, Deduct	*-0.69*	
		For >10,000 To 20,000, Deduct	*-1.03*	
		For >20,000, Deduct	*-1.37*	

09 91 13 00-0219 Paint Exterior Wood Floors *(09 91 13 00-0204)*

09 91 13 00-0220	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Wood Floors And Decks	0.18	
		For Up To 100, Add	*0.11*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	
09 91 13 00-0221	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Floors And Decks	1.01	
		For Oil Based Paint, Add	*0.07*	
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0222	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Floors And Decks	1.08	
		For Oil Based Paint, Add	*0.07*	
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
09 91 13 00-0223	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Floors And Decks	2.03	
		For Oil Based Paint, Add	*0.13*	
		For Up To 100, Add	*1.19*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.41*	
09 91 13 00-0224	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Floors And Decks	0.94	
		For Oil Based Paint, Add	*0.07*	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0225	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Floors And Decks	1.00	
		For Oil Based Paint, Add	*0.07*	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0226	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Floors And Decks	1.67	
		For Oil Based Paint, Add	*0.12*	
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	
09 91 13 00-0227	SF	1 Coat Primer, Sprayed, Paint Exterior Wood Floors And Decks	0.72	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0228	SF	1 Coat Paint, Sprayed, Paint Exterior Wood Floors And Decks	0.87	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0229	SF	2 Coats Paint, Sprayed, Paint Exterior Wood Floors And Decks	1.42	
		For Oil Based Paint, Add	*0.10*	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 13 00-0230	SF	1 Coat Non-Slip Paint, Brush Work, Paint Exterior Wood Floors And Decks	2.38	
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.36*	
		For >20,000, Deduct	*-0.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0231	SF	1 Coat Non-Slip Epoxy Paint, Brush Work, Paint Exterior Wood Floors And Decks	6.98	
		For Up To 100, Add	*1.46*	
		For >100 To 250, Add	*0.87*	
		For >250 To 500, Add	*0.42*	
		For >2,500 To 5,000, Deduct	*-0.35*	
		For >5,000 To 10,000, Deduct	*-0.70*	
		For >10,000 To 20,000, Deduct	*-1.05*	
		For >20,000, Deduct	*-1.40*	

09 91 13 00-0232 Paint Exterior Doors And Windows *(09 91 13)*

09 91 13 00-0233 Paint Exterior Door Frames *(09 91 13 00-0232)*

09 91 13 00-0234	LF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Door Frame And Trim	1.26	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.34*	
09 91 13 00-0235	LF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Door Frame And Trim	1.62	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.43*	
09 91 13 00-0236	LF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Door Frame And Trim	2.73	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.72*	
09 91 13 00-0237	LF	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Door Frame And Trim	1.27	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.34*	
09 91 13 00-0238	LF	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door Frame And Trim	1.63	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.43*	
09 91 13 00-0239	LF	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Door Frame And Trim	2.74	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.73*	

09 91 13 00-0240 Paint Exterior Metal Doors *(09 91 13 00-0232)*

09 91 13 00-0241	EA	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Door	58.35	
		Note: One face		
		For Half Louvered Door, Add	*4.95*	
		For Full Louvered Door, Add	*8.25*	
		For Electrostatic Painting, Add	*9.64*	
		For >5 To 10, Deduct	*-2.92*	
		For >10 To 25, Deduct	*-5.84*	
		For >25, Deduct	*-8.75*	
09 91 13 00-0242	EA	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door	58.35	
		Note: One face		
		For Half Louvered Door, Add	*4.95*	
		For Full Louvered Door, Add	*8.25*	
		For Electrostatic Painting, Add	*9.64*	
		For >5 To 10, Deduct	*-2.92*	
		For >10 To 25, Deduct	*-5.84*	
		For >25, Deduct	*-8.75*	
09 91 13 00-0243	EA	2 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door	106.12	
		Note: One face		
		For Half Louvered Door, Add	*8.36*	
		For Full Louvered Door, Add	*13.94*	
		For Electrostatic Painting, Add	*18.17*	
		For >5 To 10, Deduct	*-5.31*	
		For >10 To 25, Deduct	*-10.61*	
		For >25, Deduct	*-15.92*	
09 91 13 00-0244	EA	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Door	104.73	
		Note: Both faces		
		For Half Louvered Door, Add	*8.88*	
		For Full Louvered Door, Add	*14.80*	
		For Electrostatic Painting, Add	*17.31*	
		For >5 To 10, Deduct	*-5.24*	
		For >10 To 25, Deduct	*-10.47*	
		For >25, Deduct	*-15.71*	
09 91 13 00-0245	EA	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door	104.73	
		Note: Both faces		
		For Half Louvered Door, Add	*8.88*	
		For Full Louvered Door, Add	*14.80*	
		For Electrostatic Painting, Add	*17.31*	
		For >5 To 10, Deduct	*-5.24*	
		For >10 To 25, Deduct	*-10.47*	
		For >25, Deduct	*-15.71*	
09 91 13 00-0246	EA	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Door	191.21	
		Note: Both faces		
		For Half Louvered Door, Add	*15.02*	
		For Full Louvered Door, Add	*25.03*	
		For Electrostatic Painting, Add	*32.79*	
		For >5 To 10, Deduct	*-9.56*	
		For >10 To 25, Deduct	*-19.12*	
		For >25, Deduct	*-28.68*	
09 91 13 00-0247	EA	1 Coat Primer, Sprayed, Paint Exterior Metal Door	56.04	
		Note: One face		
		For Half Louvered Door, Add	*4.22*	
		For Full Louvered Door, Add	*7.04*	
		For Electrostatic Painting, Add	*9.79*	
		For >5 To 10, Deduct	*-2.80*	
		For >10 To 25, Deduct	*-5.60*	
		For >25, Deduct	*-8.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0248	EA	1 Coat Paint, Sprayed, Paint Exterior Metal Door	56.04	
		Note: One face		
		For Half Louvered Door, Add	*4.22*	
		For Full Louvered Door, Add	*7.04*	
		For Electrostatic Painting, Add	*9.79*	
		For >5 To 10, Deduct	*-2.80*	
		For >10 To 25, Deduct	*-5.60*	
		For >25, Deduct	*-8.41*	
09 91 13 00-0249	EA	2 Coats Paint, Sprayed, Paint Exterior Metal Door	102.97	
		Note: One face		
		For Half Louvered Door, Add	*7.13*	
		For Full Louvered Door, Add	*11.89*	
		For Electrostatic Painting, Add	*18.61*	
		For >5 To 10, Deduct	*-5.15*	
		For >10 To 25, Deduct	*-10.30*	
		For >25, Deduct	*-15.45*	
09 91 13 00-0250	EA	1 Coat Primer, Sprayed, Paint Exterior Metal Door	100.61	
		Note: Both faces		
		For Half Louvered Door, Add	*7.58*	
		For Full Louvered Door, Add	*12.63*	
		For Electrostatic Painting, Add	*17.58*	
		For >5 To 10, Deduct	*-5.03*	
		For >10 To 25, Deduct	*-10.06*	
		For >25, Deduct	*-15.09*	
09 91 13 00-0251	EA	1 Coat Paint, Sprayed, Paint Exterior Metal Door	100.61	
		Note: Both faces		
		For Half Louvered Door, Add	*7.58*	
		For Full Louvered Door, Add	*12.63*	
		For Electrostatic Painting, Add	*17.58*	
		For >5 To 10, Deduct	*-5.03*	
		For >10 To 25, Deduct	*-10.06*	
		For >25, Deduct	*-15.09*	
09 91 13 00-0252	EA	2 Coats Paint, Sprayed, Paint Exterior Metal Door	185.67	
		Note: Both faces		
		For Half Louvered Door, Add	*12.82*	
		For Full Louvered Door, Add	*21.36*	
		For Electrostatic Painting, Add	*33.60*	
		For >5 To 10, Deduct	*-9.28*	
		For >10 To 25, Deduct	*-18.57*	
		For >25, Deduct	*-27.85*	
09 91 13 00-0253	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	2.69	
		For Electrostatic Painting, Add	*0.33*	
09 91 13 00-0254	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	2.85	
		For Electrostatic Painting, Add	*0.37*	
09 91 13 00-0255	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Overhead, Section Door, Or Roll Up Door	5.82	
		For Electrostatic Painting, Add	*0.74*	
09 91 13 00-0256	SF	1 Coat Primer, Sprayed, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	3.08	
		For Electrostatic Painting, Add	*0.37*	
09 91 13 00-0257	SF	1 Coat Paint, Sprayed, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	3.24	
		For Electrostatic Painting, Add	*0.41*	
09 91 13 00-0258	SF	2 Coats Paint, Sprayed, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	6.27	
		For Electrostatic Painting, Add	*0.80*	

09 91 13 00-0259 Paint Exterior Wood Doors *(09 91 13 00-0232)*

09 91 13 00-0260	EA	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Door	54.87	
		Note: One face		
		For Half Louvered Door, Add	*4.95*	
		For Full Louvered Door, Add	*8.25*	
		For >5 To 10, Deduct	*-2.74*	
		For >10 To 25, Deduct	*-5.49*	
		For >25, Deduct	*-8.23*	
09 91 13 00-0261	EA	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Door	54.87	
		Note: One face		
		For Half Louvered Door, Add	*4.95*	
		For Full Louvered Door, Add	*8.25*	
		For >5 To 10, Deduct	*-2.74*	
		For >10 To 25, Deduct	*-5.49*	
		For >25, Deduct	*-8.23*	
09 91 13 00-0262	EA	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Door	99.21	
		Note: One face		
		For Half Louvered Door, Add	*8.36*	
		For Full Louvered Door, Add	*13.94*	
		For >5 To 10, Deduct	*-4.96*	
		For >10 To 25, Deduct	*-9.92*	
		For >25, Deduct	*-14.88*	
09 91 13 00-0263	EA	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Door	98.48	
		Note: Both faces		
		For Half Louvered Door, Add	*8.88*	
		For Full Louvered Door, Add	*14.80*	
		For >5 To 10, Deduct	*-4.92*	
		For >10 To 25, Deduct	*-9.85*	
		For >25, Deduct	*-14.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0264	EA	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Door	98.48	
		Note: Both faces		
		For Half Louvered Door, Add	*8.88*	
		For Full Louvered Door, Add	*14.80*	
		For >5 To 10, Deduct	*-4.92*	
		For >10 To 25, Deduct	*-9.85*	
		For >25, Deduct	*-14.77*	
09 91 13 00-0265	EA	2 Coats Paint, Brush Roller Work, Paint Exterior Wood Door	178.71	
		Note: Both faces		
		For Half Louvered Door, Add	*15.02*	
		For Full Louvered Door, Add	*25.03*	
		For >5 To 10, Deduct	*-8.94*	
		For >10 To 25, Deduct	*-17.87*	
		For >25, Deduct	*-26.81*	
09 91 13 00-0266	EA	1 Coat Primer, Sprayed, Paint Exterior Wood Door	52.22	
		Note: One face		
		For Half Louvered Door, Add	*4.22*	
		For Full Louvered Door, Add	*7.04*	
		For >5 To 10, Deduct	*-2.61*	
		For >10 To 25, Deduct	*-5.22*	
		For >25, Deduct	*-7.83*	
09 91 13 00-0267	EA	1 Coat Paint, Sprayed, Paint Exterior Wood Door	52.22	
		Note: One face		
		For Half Louvered Door, Add	*4.22*	
		For Full Louvered Door, Add	*7.04*	
		For >5 To 10, Deduct	*-2.61*	
		For >10 To 25, Deduct	*-5.22*	
		For >25, Deduct	*-7.83*	
09 91 13 00-0268	EA	2 Coats Paint, Sprayed, Paint Exterior Wood Door	95.39	
		Note: One face		
		For Half Louvered Door, Add	*7.14*	
		For Full Louvered Door, Add	*11.90*	
		For >5 To 10, Deduct	*-4.77*	
		For >10 To 25, Deduct	*-9.54*	
		For >25, Deduct	*-14.31*	
09 91 13 00-0269	EA	1 Coat Primer, Sprayed, Paint Exterior Wood Door	93.74	
		Note: Both faces		
		For Half Louvered Door, Add	*7.58*	
		For Full Louvered Door, Add	*12.63*	
		For >5 To 10, Deduct	*-4.69*	
		For >10 To 25, Deduct	*-9.37*	
		For >25, Deduct	*-14.06*	
09 91 13 00-0270	EA	1 Coat Paint, Sprayed, Paint Exterior Wood Door	93.74	
		Note: Both faces		
		For Half Louvered Door, Add	*7.58*	
		For Full Louvered Door, Add	*12.63*	
		For >5 To 10, Deduct	*-4.69*	
		For >10 To 25, Deduct	*-9.37*	
		For >25, Deduct	*-14.06*	
09 91 13 00-0271	EA	2 Coats Paint, Sprayed, Paint Exterior Wood Door	171.92	
		Note: Both faces		
		For Half Louvered Door, Add	*12.82*	
		For Full Louvered Door, Add	*21.36*	
		For >5 To 10, Deduct	*-8.60*	
		For >10 To 25, Deduct	*-17.19*	
		For >25, Deduct	*-25.79*	
09 91 13 00-0272	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	2.64	
09 91 13 00-0273	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	2.77	
09 91 13 00-0274	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	5.67	
09 91 13 00-0275	SF	1 Coat Primer, Sprayed, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	3.02	
09 91 13 00-0276	SF	1 Coat Paint, Sprayed, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	3.16	
09 91 13 00-0277	SF	2 Coats Paint, Sprayed, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	6.11	
09 91 13 00-0278		**Paint Exterior Metal Windows** *(09 91 13 00-0232)*		
		Note: Two finish coats paint over rust inhibitive primer.		
09 91 13 00-0279	EA	Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	90.80	
		For Electrostatic Painting, Add	*11.60*	
		For >5 To 10, Deduct	*-4.54*	
		For >10 To 25, Deduct	*-9.08*	
		For >25, Deduct	*-13.62*	
09 91 13 00-0280	EA	>8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	111.35	
		For Electrostatic Painting, Add	*15.04*	
		For >5 To 10, Deduct	*-5.57*	
		For >10 To 25, Deduct	*-11.14*	
		For >25, Deduct	*-16.70*	
09 91 13 00-0281	EA	>14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	150.75	
		For Electrostatic Painting, Add	*20.62*	
		For >5 To 10, Deduct	*-7.54*	
		For >10 To 25, Deduct	*-15.08*	
		For >25, Deduct	*-22.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0282	EA	>20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	169.80	
		For Electrostatic Painting, Add	*23.24*	
		For >5 To 10, Deduct	*-8.49*	
		For >10 To 25, Deduct	*-16.98*	
		For >25, Deduct	*-25.47*	
09 91 13 00-0283	EA	>26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	188.20	
		For Electrostatic Painting, Add	*25.71*	
		For >5 To 10, Deduct	*-9.41*	
		For >10 To 25, Deduct	*-18.82*	
		For >25, Deduct	*-28.23*	
09 91 13 00-0284	SF	>34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	5.97	
		For Electrostatic Painting, Add	*0.81*	
09 91 13 00-0285		**Paint Exterior Wood Windows** *(09 91 13 00-0232)*		
		Note: Two finish coats paint over primer.		
09 91 13 00-0286	EA	Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	88.49	
		For >5 To 10, Deduct	*-4.42*	
		For >10 To 25, Deduct	*-8.85*	
		For >25, Deduct	*-13.27*	
09 91 13 00-0287	EA	>8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	107.78	
		For >5 To 10, Deduct	*-5.39*	
		For >10 To 25, Deduct	*-10.78*	
		For >25, Deduct	*-16.17*	
09 91 13 00-0288	EA	>14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	145.68	
		For >5 To 10, Deduct	*-7.28*	
		For >10 To 25, Deduct	*-14.57*	
		For >25, Deduct	*-21.85*	
09 91 13 00-0289	EA	>20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	164.08	
		For >5 To 10, Deduct	*-8.20*	
		For >10 To 25, Deduct	*-16.41*	
		For >25, Deduct	*-24.61*	
09 91 13 00-0290	EA	>26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	181.90	
		For >5 To 10, Deduct	*-9.10*	
		For >10 To 25, Deduct	*-18.19*	
		For >25, Deduct	*-27.29*	
09 91 13 00-0291	SF	>34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	6.06	
09 91 13 00-0292		**Paint Exterior Security Screens** *(09 91 13 00-0232)*		
09 91 13 00-0293	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Security Screen	1.60	
		For Electrostatic Painting, Add	*0.22*	
09 91 13 00-0294	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Security Screen	1.62	
		For Electrostatic Painting, Add	*0.20*	
09 91 13 00-0295	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Security Screen	2.68	
		For Electrostatic Painting, Add	*0.34*	
09 91 13 00-0296		**Paint Exterior Window Guards** *(09 91 13 00-0232)*		
09 91 13 00-0297	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Window Guards	1.60	
09 91 13 00-0298	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Window Guards	1.62	
09 91 13 00-0299	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Window Guards	2.68	
09 91 13 00-0300		**Paint Exterior Window Trim** *(09 91 13 00-0232)*		
09 91 13 00-0301	LF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Window Frame And Trim	1.49	
09 91 13 00-0302	LF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Window Frame And Trim	1.49	
09 91 13 00-0303	LF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Window Frame And Trim	2.43	
09 91 13 00-0304	LF	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Window Frame And Trim	1.71	
09 91 13 00-0305	LF	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Window Frame And Trim	1.71	
09 91 13 00-0306	LF	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Window Frame And Trim	2.89	
09 91 13 00-0307		**Paint Exterior Roofing And Trim** *(09 91 13)*		
09 91 13 00-0308		**Paint Stain Or Seal Wood Roofing** *(09 91 13 00-0307)*		
09 91 13 00-0309	SF	1 Coat Paint, Brush/Roller Work, Stain And Seal Shingles/Shake	2.19	
		For Up To 100, Add	*1.06*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.23*	
09 91 13 00-0310	SF	2 Coats Stain, Brush/Roller Work, Stain And Seal Shingles/Shake	4.05	
		For Up To 100, Add	*1.93*	
		For >100 To 250, Add	*0.96*	
		For >250 To 500, Add	*0.42*	
09 91 13 00-0311		**Paint Metal Roofing** *(09 91 13 00-0307)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0312	SF	1 Coat Paint, Brush/Roller Work, Paint Metal Roofing	0.97	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
09 91 13 00-0313	SF	2 Coats Paint, Brush/Roller Work, Paint Metal Roofing	1.68	
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
09 91 13 00-0314	SF	1 Coat Epoxy Polyamide Cured Resin Primer, Sprayed, Paint Metal Roof	0.98	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
09 91 13 00-0315	SF	1 Coat Aliphatic Polyurethane, Sprayed, Paint Metal Roof	0.95	
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	

09 91 13 00-0316 Paint Fascia Board *(09 91 13 00-0307)*

09 91 13 00-0317	LF	1 Coat Primer, Brush/Roller Work, Paint Fascia Board	0.91	
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
09 91 13 00-0318	LF	1 Coat Paint, Brush/Roller Work, Paint Fascia Board	0.91	
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
09 91 13 00-0319	LF	2 Coats Paint, Brush/Roller Work, Paint Fascia Board	1.57	
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	

09 91 13 00-0320 Paint Soffit *(09 91 13 00-0307)*

09 91 13 00-0321	SF	1 Coat Primer, Brush/Roller Work, Paint Soffit	1.09	
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
09 91 13 00-0322	SF	1 Coat Paint, Brush/Roller Work, Paint Soffit	1.09	
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
09 91 13 00-0323	SF	2 Coats Paint, Brush/Roller Work, Paint Soffit	1.85	
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	

09 91 13 00-0324 Special Coatings For Metal Roofs *(09 91 13 00-0307)*

09 91 13 00-0325	SF	Carboline Carboxane 950 Coating System With 15 year warranty	12.56	
09 91 13 00-0326	SF	Carboline Carbothane 134HG Coating System With 1 year warranty	7.78	

09 91 13 00-0327 Acrylic Elastomeric Coating For All Types Of Roofs *(09 91 13 00-0307)*

09 91 13 00-0328	SF	2 Coats (20 Mil), Cool Roof Acrylic Elastomeric Roof Coating	2.36	
		For Each Coat Of Primer, Add	*0.52*	
09 91 13 00-0329	SF	2 Coats, Energy-Armor Ultra SunWhite Ultra Premium Acrylic Elastomeric Roof Coating (ICP APOC® AP-252)	3.33	

09 91 13 00-0330 Elastomeric Coating For All Types Of Roofs *(09 91 13 00-0307)*

09 91 13 00-0331	SF	1 Coat, White Elastomeric Liquid Silicone Roof Membrane Coating (ICP APOC® Armor Flex® AP-585) Note: Per Coat	3.98	

09 91 13 00-0332 Acrylic Latex Elastomeric Coating For All Types Of Roofs *(09 91 13 00-0307)*

Note: (Henry)

09 91 13 00-0333	SF	1 Coat, Premium Gray Elastomeric Roof Base Coating (Henry 291)	1.45	
09 91 13 00-0334	SF	1 Coat, White Acrylic Latex Roof Coating (Henry 280DC)	1.32	
09 91 13 00-0335	SF	1 Coat, White Elastomeric Roof Coating (Henry SolarFlex 287)	1.16	

09 91 13 00-0336 Acrylic Coating For All Types Of Roofs *(09 91 13 00-0307)*

Note: (GAF)

09 91 13 00-0337	SF	1 Coat, Water Based, Acrylic Elastomeric Roof Base Coating (GAF Roof Mate™ Base Coat)	1.14	
09 91 13 00-0338	SF	1 Coat, Water Based, Acrylic Elastomeric Roof Top Coating (GAF Roof Mate™ Top Coat)	1.32	

09 91 13 00-0339 Paint Metal Surfaces *(09 91 13)*

Note: Tasks can be used for exterior or interior applications.

09 91 13 00-0340 Paint Structural Steel *(09 91 13 00-0339)*

09 91 13 00-0341 Paint Structural Steel, Brush Work *(09 91 13 00-0340)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0342	SF	1 Field Coat Primer, Brush/Roller Work, Paint Exterior Structural Steel	1.11	
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For Epoxy Paint, Add	*0.13*	
09 91 13 00-0343	SF	1 Field Coat Paint, Brush/Roller Work, Paint Exterior Structural Steel	0.98	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For Epoxy Paint, Add	*0.12*	

09 91 13 00-0344 Paint Structural Steel, Spray Work *(09 91 13 00-0340)*

09 91 13 00-0345	SF	1 Field Coat Primer, Sprayed, Paint Exterior Structural Steel	0.85	
		For Electrostatic Painting, Add	*0.12*	
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For Epoxy Paint, Add	*0.12*	
09 91 13 00-0346	SF	1 Field Coat Paint, Sprayed, Paint Exterior Structural Steel	0.71	
		For Electrostatic Painting, Add	*0.11*	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For Epoxy Paint, Add	*0.11*	

09 91 13 00-0347 Paint Metal Decking, Beams And Bar Joist *(09 91 13 00-0340)*

09 91 13 00-0348	SF	1 Coat Primer, Sprayed, Paint Exposed Metal Decking	0.94	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For Epoxy Paint, Add	*0.12*	
09 91 13 00-0349	SF	1 Coat Paint, Sprayed, Paint Exposed Metal Decking	0.94	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For Epoxy Paint, Add	*0.12*	
09 91 13 00-0350	SF	2 Coats Paint, Sprayed, Paint Exposed Metal Decking	1.60	
		For Up To 100, Add	*0.91*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For Epoxy Paint, Add	*0.23*	
09 91 13 00-0351	SF	1 Coat Primer, Brush/Roller Work, Paint Metal Beams And Bar Joists	1.35	
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For Epoxy Paint, Add	*0.21*	
09 91 13 00-0352	SF	1 Coat Paint, Brush/Roller Work, Paint Metal Beams And Bar Joists	1.30	
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For Epoxy Paint, Add	*0.19*	
09 91 13 00-0353	SF	2 Coats Paint, Brush/Roller Work, Paint Metal Beams And Bar Joists	2.47	
		For Up To 100, Add	*1.35*	
		For >100 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.29*	
		For Epoxy Paint, Add	*0.38*	
09 91 13 00-0354	SF	1 Coat Primer, Sprayed, Paint Metal Beams And Bar Joists	1.17	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For Epoxy Paint, Add	*0.17*	
09 91 13 00-0355	SF	1 Coat Paint, Sprayed, Paint Metal Beams And Bar Joists	1.17	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For Epoxy Paint, Add	*0.17*	
09 91 13 00-0356	SF	2 Coats Paint, Sprayed, Paint Metal Beams And Bar Joists	1.99	
		For Up To 100, Add	*1.06*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.23*	
		For Epoxy Paint, Add	*0.32*	

09 91 13 00-0357 Paint Steel Pipes *(09 91 13 00-0339)*

Note: Includes pipe, tubes, rails, conduit, etc.

09 91 13 00-0358	LF	1 Coat Primer, 1/2" To 1-1/2" Diameter, Paint Conduit Or Steel Pipe	1.79	
		For Electrostatic Painting, Add	*0.23*	
		For Epoxy Paint, Add	*0.20*	
09 91 13 00-0359	LF	1 Coat Primer, 2" To 3-1/2" Diameter, Paint Conduit Or Steel Pipe	2.01	
		For Electrostatic Painting, Add	*0.27*	
		For Epoxy Paint, Add	*0.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0360	LF	1 Coat Primer, 4" Diameter, Paint Steel Pipes	2.26	
		For Electrostatic Painting, Add	*0.30*	
		For Epoxy Paint, Add	*0.26*	
09 91 13 00-0361	LF	1 Coat Primer, 6" To 8" Diameter, Paint Steel Pipes	2.83	
		For Electrostatic Painting, Add	*0.37*	
		For Epoxy Paint, Add	*0.32*	
09 91 13 00-0362	LF	1 Coat Primer, 10" To 12" Diameter, Paint Steel Pipes	3.58	
		For Electrostatic Painting, Add	*0.47*	
		For Epoxy Paint, Add	*0.40*	
09 91 13 00-0363	LF	1 Coat Paint, 1/2"To 1-1/2" Diameter, Paint Conduit Or Steel Pipe	1.79	
		For Electrostatic Painting, Add	*0.23*	
		For Epoxy Paint, Add	*0.20*	
09 91 13 00-0364	LF	1 Coat Paint, 2" To 3-1/2" Diameter, Paint Conduit Or Steel Pipe	2.01	
		For Electrostatic Painting, Add	*0.27*	
		For Epoxy Paint, Add	*0.23*	
09 91 13 00-0365	LF	1 Coat Paint, 4" Diameter, Paint Steel Pipes	2.26	
		For Electrostatic Painting, Add	*0.30*	
		For Epoxy Paint, Add	*0.26*	
09 91 13 00-0366	LF	1 Coat Paint, 6" To 8" Diameter, Paint Steel Pipes	2.83	
		For Electrostatic Painting, Add	*0.37*	
		For Epoxy Paint, Add	*0.32*	
09 91 13 00-0367	LF	1 Coat Paint, 10" To 12" Diameter, Paint Steel Pipes	3.58	
		For Electrostatic Painting, Add	*0.47*	
		For Epoxy Paint, Add	*0.40*	
09 91 13 00-0368	LF	2 Coats Paint, 1/2" To 1-1/2" Diameter, Paint Conduit Or Steel Pipe	3.67	
		For Electrostatic Painting, Add	*0.51*	
		For Epoxy Paint, Add	*0.47*	
09 91 13 00-0369	LF	2 Coats Paint, 2" To 3-1/2" Diameter, Paint Conduit Or Steel Pipe	4.02	
		For Electrostatic Painting, Add	*0.53*	
		For Epoxy Paint, Add	*0.46*	
09 91 13 00-0370	LF	2 Coats Paint, 4" Diameter, Paint Steel Pipes	4.35	
		For Electrostatic Painting, Add	*0.58*	
		For Epoxy Paint, Add	*0.51*	
09 91 13 00-0371	LF	2 Coats Paint, 6" To 8" Diameter, Paint Steel Pipes	5.49	
		For Electrostatic Painting, Add	*0.73*	
		For Epoxy Paint, Add	*0.63*	
09 91 13 00-0372	LF	2 Coats Paint, 10" To 12" Diameter, Paint Steel Pipes	6.77	
		For Electrostatic Painting, Add	*0.90*	
		For Epoxy Paint, Add	*0.79*	
09 91 13 00-0373	EA	1 Coat Paint, Paint Exposed Single Or Double Gang Outlet Box	8.57	
		For Electrostatic Painting, Add	*0.91*	
		For Epoxy Paint, Add	*0.54*	
09 91 13 00-0374		**Paint Metal Louvers** *(09 91 13 00-0339)*		
09 91 13 00-0375	SF	1 Coat Primer, Brush/Roller Work, Paint Ventilation Louver, SF Of Opening Area	1.51	
		For Electrostatic Painting, Add	*0.18*	
09 91 13 00-0376	SF	1 Coat Alkyd Paint, Brush/Roller Work, Paint Ventilation Louver, SF Of Opening Area	1.54	
		For Electrostatic Painting, Add	*0.19*	
09 91 13 00-0377	SF	2 Coats Alkyd Paint, Brush/Roller Work, Paint Ventilation Louver, SF Of Opening Area	3.16	
		For Electrostatic Painting, Add	*0.40*	
09 91 13 00-0378		**Paint Ladders** *(09 91 13 00-0339)*		
09 91 13 00-0379	LF	1 Coat Alkyd Primer, Brush/Roller Work, Paint Ladders	4.06	
		For Epoxy Paint, Add	*0.26*	
09 91 13 00-0380	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Ladders	4.53	
		For Epoxy Paint, Add	*0.28*	
09 91 13 00-0381	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Ladders	8.91	
		For Epoxy Paint, Add	*0.52*	
09 91 13 00-0382		**Paint Handrails** *(09 91 13 00-0339)*		
09 91 13 00-0383	LF	1 Coat Alkyd Primer, Brush/Roller Work, 1 Rail, Paint Hand Rail And Bracket	1.63	
		For Epoxy Paint, Add	*0.14*	
09 91 13 00-0384	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, 1 Rail, Paint Hand Rail And Bracket	1.81	
		For Epoxy Paint, Add	*0.14*	
09 91 13 00-0385	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, 1 Rail, Paint Hand Rail And Bracket	2.96	
		For Epoxy Paint, Add	*0.20*	
09 91 13 00-0386	LF	1 Coat Alkyd Primer, Brush/Roller Work, 1 Rail, Paint Pipe Rail And Pickets	3.07	
		For Epoxy Paint, Add	*0.41*	
09 91 13 00-0387	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, 1 Rail, Paint Pipe Rail And Pickets	3.34	
		For Epoxy Paint, Add	*0.43*	
09 91 13 00-0388	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, 1 Rail, Paint Pipe Rail And Pickets	5.70	
		For Epoxy Paint, Add	*0.67*	
09 91 13 00-0389	LF	1 Coat Alkyd Primer, Brush/Roller Work, 2 Rails, Paint Pipe Rail And Pickets	3.29	
		For Epoxy Paint, Add	*0.42*	
09 91 13 00-0390	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, 2 Rails, Paint Pipe Rail And Pickets	3.60	
		For Epoxy Paint, Add	*0.44*	
09 91 13 00-0391	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, 2 Rails, Paint Pipe Rail And Pickets	6.03	
		For Epoxy Paint, Add	*0.69*	
09 91 13 00-0392	LF	1 Coat Alkyd Primer, Brush/Roller Work, Paint Balustrades	1.83	
		For Epoxy Paint, Add	*0.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0393	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Balustrades	2.01	
		For Epoxy Paint, Add	*0.23*	
09 91 13 00-0394	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Balustrades	3.67	
		For Epoxy Paint, Add	*0.44*	
09 91 13 00-0395		**Paint Grating** *(09 91 13 00-0339)*		
09 91 13 00-0396	SF	1 Coat Primer, Brush/Roller Work, Paint Gratings And Frames	2.97	
		For Epoxy Paint, Add	*0.21*	
09 91 13 00-0397	SF	1 Coat Paint, Brush/Roller Work, Paint Gratings And Frames	3.03	
		For Epoxy Paint, Add	*0.23*	
09 91 13 00-0398	SF	2 Coats Paint, Brush/Roller Work, Paint Gratings And Frames	4.56	
		For Epoxy Paint, Add	*0.38*	
09 91 13 00-0399		**Equipment And Tanks** *(09 91 13 00-0339)*		
09 91 13 00-0400		**Paint Valves** *(09 91 13 00-0399)*		
		Note: Includes 1 coat primer and 1 coat paint finish		
09 91 13 00-0401	EA	Prime And Paint 4" Diameter And Smaller Valve	31.59	
09 91 13 00-0402	EA	Prime And Paint 6" To 10" Diameter Valve	38.85	
09 91 13 00-0403	EA	Prime And Paint 12" To 18" Diameter Valve	51.00	
09 91 13 00-0404	EA	Prime And Paint 20" To 24" Diameter Valve	68.04	
09 91 13 00-0405	EA	Prime And Paint >24" To 36" Diameter Valve	92.35	
09 91 13 00-0406	EA	Prime And Paint >36" To 48" Diameter Valve	126.31	
09 91 13 00-0407		**Paint Pumps And Motors** *(09 91 13 00-0399)*		
		Note: Includes 1 coat primer and 1 coat paint finish		
09 91 13 00-0408	EA	Prime And Paint Pump Under 1 HP	97.12	
09 91 13 00-0409	EA	Prime And Paint Pump, 1 HP To 5 HP	128.57	
09 91 13 00-0410	EA	Prime And Paint Pump, >5 HP To 10 HP	155.14	
09 91 13 00-0411	EA	Prime And Paint Pump, >10 HP To 20 HP	174.44	
09 91 13 00-0412	EA	Prime And Paint Pump, >20 HP To 30 HP	203.51	
09 91 13 00-0413	EA	Prime And Paint Pump, >30 HP To 50 HP	232.58	
09 91 13 00-0414	EA	Prime And Paint Pump, >50 HP To 75 HP	256.78	
09 91 13 00-0415	EA	Prime And Paint Pump, >75 HP	290.73	
09 91 13 00-0416		**Paint Storage Tanks** *(09 91 13 00-0399)*		
09 91 13 00-0417	SF	1 Coat Primer, Roller, Paint Storage Tank, Exterior Surface	1.24	
09 91 13 00-0418	SF	1 Coat Paint, Roller, Paint Storage Tank, Exterior Surface	1.65	
09 91 13 00-0419	SF	2 Coats Paint, Roller, Paint Storage Tank, Exterior Surface	3.14	
09 91 13 00-0420	SF	1 Coat Primer, Roller, Paint Storage Tank, Interior Surface	1.65	
09 91 13 00-0421	SF	1 Coat Paint, Roller, Paint Storage Tank, Interior Surface	2.11	
09 91 13 00-0422	SF	2 Coats Paint, Roller, Paint Storage Tank, Interior Surface	4.05	
09 91 13 00-0423	SF	1 Coat Primer, Sprayed, Paint Storage Tank, Exterior Surface	1.35	
09 91 13 00-0424	SF	1 Coat Paint, Sprayed, Paint Storage Tank, Exterior Surface	1.67	
09 91 13 00-0425	SF	2 Coats Paint, Sprayed, Paint Storage Tank, Exterior Surface	3.24	
09 91 13 00-0426	SF	1 Coat Primer, Sprayed, Paint Storage Tank, Interior Surface	1.55	
09 91 13 00-0427	SF	1 Coat Paint, Sprayed, Paint Storage Tank, Interior Surface	2.03	
09 91 13 00-0428	SF	2 Coats Paint, Sprayed, Paint Storage Tank, Interior Surface	3.94	
09 91 13 00-0429		**Other Site Work Painting** *(09 91 13)*		
09 91 13 00-0430		**Paint Fencing** *(09 91 13 00-0429)*		
		Note: Per side of fence. Based on gross fence area (length of fence x height of fence).		
09 91 13 00-0431	SF	1 Coat Paint, Brush/Roller, Paint Existing Chain Link Fence	0.90	
		For Epoxy Paint, Add	*0.11*	
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
09 91 13 00-0432	SF	2 Coats Paint, Brush/Roller, Paint Existing Chain Link Fence	1.70	
		For Epoxy Paint, Add	*0.21*	
		For Up To 100, Add	*1.02*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
09 91 13 00-0433	SF	1 Coat Paint, Sprayed, Paint Existing Chain Link Fence	0.86	
		For Epoxy Paint, Add	*0.12*	
		For Electrostatic Painting, Add	*0.13*	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
09 91 13 00-0434	SF	2 Coats Paint, Sprayed, Paint Existing Chain Link Fence	1.60	
		For Epoxy Paint, Add	*0.24*	
		For Electrostatic Painting, Add	*0.24*	
		For Up To 100, Add	*0.88*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0435	SF	1 Coat Primer, Brush/Roller, Paint Wrought Iron Fence	0.84	
		For Epoxy Paint, Add	*0.12*	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
09 91 13 00-0436	SF	1 Coat Paint, Brush/Roller, Paint Wrought Iron Fence	0.78	
		For Epoxy Paint, Add	*0.10*	
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
09 91 13 00-0437	SF	Each Additional Coat, Brush/Roller, Paint Wrought Iron Fence	0.57	
		For Epoxy Paint, Add	*0.09*	
		For Up To 100, Add	*0.30*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.06*	
09 91 13 00-0438	SF	1 Coat Primer, Brush/Roller, Paint Picket Fence	1.05	
		For Epoxy Paint, Add	*0.09*	
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
09 91 13 00-0439	SF	1 Coat Paint, Brush/Roller, Paint Picket Fence	1.05	
		For Epoxy Paint, Add	*0.09*	
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
09 91 13 00-0440	SF	Each Additional Coat, Brush/Roller, Paint Picket Fence	0.76	
		For Epoxy Paint, Add	*0.08*	
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
09 91 13 00-0441	SF	1 Coat Paint, Brush/Roller, Paint Wood Fences	0.80	
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
09 91 13 00-0442	SF	2 Coats Paint, Brush/Roller, Paint Wood Fences	1.45	
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
09 91 13 00-0443	SF	1 Coat Paint, Sprayed, Paint Wood Fences	0.67	
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
09 91 13 00-0444	SF	2 Coats Paint, Sprayed, Paint Wood Fences	1.26	
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	

09 91 13 00-0445 Paint Shutters Or Blinds, Solid Panel *(09 91 13 00-0429)*

09 91 13 00-0446	SF	1 Coat Primer, Brush Work, Paint Shutter Or Blinds, Solid Panel	3.22	
09 91 13 00-0447	SF	1 Coat Paint, Brush Work, Paint Shutter Or Blinds, Solid Panel	3.23	
09 91 13 00-0448	SF	2 Coats Paint, Brush Work, Paint Shutter Or Blinds, Solid Panel	5.76	
09 91 13 00-0449	SF	1 Coat Primer, Sprayed, Paint Shutter Or Blinds, Solid Panel	2.08	
09 91 13 00-0450	SF	1 Coat Paint, Sprayed, Paint Shutter Or Blinds, Solid Panel	2.10	
09 91 13 00-0451	SF	2 Coats Paint, Sprayed, Paint Shutter Or Blinds, Solid Panel	3.89	

09 91 13 00-0452 Paint Shutters Or Blinds, Louvered Panel *(09 91 13 00-0429)*

09 91 13 00-0453	SF	1 Coat Primer, Brush Work, Paint Shutter Or Blinds, Louvered Panel	3.97	
09 91 13 00-0454	SF	1 Coat Paint, Brush Work, Paint Shutter Or Blinds, Louvered Panel	3.98	
09 91 13 00-0455	SF	2 Coats Paint, Brush Work, Paint Shutter Or Blinds, Louvered Panel	7.09	
09 91 13 00-0456	SF	1 Coat Primer, Sprayed, Paint Shutter Or Blinds, Louvered Panel	2.52	
09 91 13 00-0457	SF	1 Coat Paint, Sprayed, Paint Shutter Or Blinds, Louvered Panel	2.54	
09 91 13 00-0458	SF	2 Coats Paint, Sprayed, Paint Shutter Or Blinds, Louvered Panel	4.69	

09 91 13 00-0459 Paint Flagpoles *(09 91 13 00-0429)*

09 91 13 00-0460	EA	1 Coat Paint, 20' High, Paint Steel Flagpole	252.30	
09 91 13 00-0461	EA	1 Coat Paint, 30' High, Paint Steel Flagpole	340.12	
09 91 13 00-0462	EA	1 Coat Paint, 40' High, Paint Steel Flagpole	427.99	
09 91 13 00-0463	EA	1 Coat Paint, 50' High, Paint Steel Flagpole	515.88	
09 91 13 00-0464	EA	1 Coat Paint, 70' High, Paint Steel Flagpole	676.57	
09 91 13 00-0465	EA	1 Coat Paint, 80' High, Paint Steel Flagpole	762.56	
09 91 13 00-0466	EA	1 Coat Paint, 90' High, Paint Steel Flagpole	848.58	

09 91 13 00-0467 Paint Lattice Or Trellis *(09 91 13 00-0429)*

09 91 13 00-0468	SF	1 Coat Paint, Sprayed, Per Side, Paint Wood Lattice Or Trellis	1.63	
		For Up To 100, Add	*1.08*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0469	SF	2 Coats Paint, Sprayed, Per Side, Paint Wood Lattice Or Trellis	3.02	
		For Up To 100, Add	*1.99*	
		For >100 To 250, Add	*0.94*	
		For >250 To 500, Add	*0.41*	

09 91 13 00-0470 Paint Exterior Stairs *(09 91 13)*

09 91 13 00-0471 Paint Exterior Concrete Stairs *(09 91 13 00-0470)*

09 91 13 00-0472	RSR	1 Coat Primer, Brush/Roller Work, Paint Up To 4' Wide Exterior Concrete Stair	17.66
09 91 13 00-0473	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Up To 4' Wide Exterior Concrete Stair	17.66
09 91 13 00-0474	RSR	1 Coat Non-Slip Paint, Brush/Roller Work, Paint Up To 4' Wide Exterior Concrete Stair	24.01
09 91 13 00-0475	RSR	1 Coat Non-Slip Epoxy Paint, Brush/Roller Work, Paint Up To 4' Wide Exterior Concrete Stair	42.43
09 91 13 00-0476	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Up To 4' Wide Exterior Concrete Stair	35.32

09 91 13 00-0477 Paint Exterior Metal Stairs *(09 91 13 00-0470)*

09 91 13 00-0478	RSR	1 Coat Primer, Brush/Roller Work, Paint Up To 4' Wide Exterior Metal Stair	9.35
		For Oil Based Paint, Add	*0.51*
09 91 13 00-0479	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Up To 4' Wide Exterior Metal Stair	9.35
		For Oil Based Paint, Add	*0.51*
09 91 13 00-0480	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Up To 4' Wide Exterior Metal Stair	18.71
		For Oil Based Paint, Add	*1.03*

09 91 13 00-0481 Paint Exterior Wood Stairs *(09 91 13 00-0470)*

09 91 13 00-0482	RSR	1 Coat Primer, Brush/Roller Work, Paint Up To 4' Wide Exterior Wood Stair	9.22
09 91 13 00-0483	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Up To 4' Wide Exterior Wood Stair	9.22
09 91 13 00-0484	RSR	1 Coat Non-Slip Paint, Brush/Roller Work, Paint Up To 4' Wide Exterior Wood Stair	15.57
09 91 13 00-0485	RSR	1 Coat Non-Slip Epoxy Paint, Brush/Roller Work, Paint Up To 4' Wide Exterior Wood Stair	33.99
09 91 13 00-0486	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Up To 4' Wide Exterior Wood Stair	18.45

09 91 13 00-0487 Paint Exterior Stair Nosing *(09 91 13 00-0470)*

09 91 13 00-0488	LF	1 Coat Paint, Up To 2", Non-Slip, Brush Work, Paint Exterior Yellow Stair Safety Strip	1.72

09 91 13 00-0489 Paint Exterior Trim *(09 91 13)*

09 91 13 00-0490 Paint Exterior Metal Trim And Gutters *(09 91 13 00-0489)*

09 91 13 00-0491	SF	1 Coat Primer, Brush Work, Paint Exterior Exposed Metal Trim	1.23
		For Work >20' To 30' Above Floor, Add	*0.25*
		Note: Applied only to work area above 20'.	
		For Work >15' To 20' Above Floor, Add	*0.15*
		Note: Applied only to work area above 15' to 20'.	
		For Work >30' To 40' Above Floor, Add	*0.40*
		Note: Applied only to work area above 30' to 40'.	
		For Work >40' Above Floor, Add	*0.54*
		Note: Applied only to work area above 40'.	
09 91 13 00-0492	SF	1 Coat Paint, Brush Work, Paint Exterior Exposed Metal Trim	1.34
		For Work >20' To 30' Above Floor, Add	*0.28*
		Note: Applied only to work area above 20'.	
		For Work >15' To 20' Above Floor, Add	*0.17*
		Note: Applied only to work area above 15' to 20'.	
		For Work >30' To 40' Above Floor, Add	*0.44*
		Note: Applied only to work area above 30' to 40'.	
		For Work >40' Above Floor, Add	*0.61*
		Note: Applied only to work area above 40'.	
09 91 13 00-0493	SF	2 Coats Paint, Brush Work, Paint Exterior Exposed Metal Trim	2.43
		For Work >20' To 30' Above Floor, Add	*0.49*
		Note: Applied only to work area above 20'.	
		For Work >15' To 20' Above Floor, Add	*0.29*
		Note: Applied only to work area above 15' to 20'.	
		For Work >30' To 40' Above Floor, Add	*0.78*
		Note: Applied only to work area above 30' to 40'.	
		For Work >40' Above Floor, Add	*1.07*
		Note: Applied only to work area above 40'.	
09 91 13 00-0494	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Exposed Metal Trim	1.12
		For Work >20' To 30' Above Floor, Add	*0.22*
		Note: Applied only to work area above 20'.	
		For Work >15' To 20' Above Floor, Add	*0.13*
		Note: Applied only to work area above 15' to 20'.	
		For Work >30' To 40' Above Floor, Add	*0.35*
		Note: Applied only to work area above 30' to 40'.	
		For Work >40' Above Floor, Add	*0.48*
		Note: Applied only to work area above 40'.	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0495	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Exposed Metal Trim	1.22	
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0496	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Exposed Metal Trim	2.18	
		For Work >20' To 30' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.68*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.94*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0497	LF	1 Coat Paint, Brush Work, Paint Exterior Gutter And Downspout	1.93	
		For Work >20' To 30' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.89*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0498	LF	2 Coats Paint, Brush Work, Paint Exterior Gutter And Downspout	2.41	
		For Work >20' To 30' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.94*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.29*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0499		**Paint Exterior Wood Trim** *(09 91 13 00-0489)*		
09 91 13 00-0500	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Trim	1.77	
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.74*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.08*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.35*	
09 91 13 00-0501	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Trim	1.92	
		For Work >20' To 30' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.80*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.16*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0502	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Trim	3.51	
		For Work >20' To 30' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.22*	
		For Work >15' To 20' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*1.04*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*2.08*	
		For >100 To 250, Add	*1.00*	
		For >250 To 500, Add	*0.43*	
		For >2,500 To 5,000, Deduct	*-0.18*	
		For >5,000 To 10,000, Deduct	*-0.35*	
		For >10,000 To 20,000, Deduct	*-0.53*	
		For >20,000, Deduct	*-0.70*	
09 91 13 00-0503	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Trim	1.43	
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.29*	
09 91 13 00-0504	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Trim	1.59	
		For Work >20' To 30' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
09 91 13 00-0505	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Trim	2.97	
		For Work >20' To 30' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.82*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.13*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.68*	
		For >100 To 250, Add	*0.81*	
		For >250 To 500, Add	*0.35*	
		For >2,500 To 5,000, Deduct	*-0.15*	
		For >5,000 To 10,000, Deduct	*-0.30*	
		For >10,000 To 20,000, Deduct	*-0.45*	
		For >20,000, Deduct	*-0.59*	
09 91 13 00-0506	SF	1 Coat Primer, Sprayed, Paint Exterior Wood Trim	1.24	
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0507	SF	1 Coat Paint, Sprayed, Paint Exterior Wood Trim	1.38	
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 13 00-0508	SF	2 Coats Paint, Sprayed, Paint Exterior Wood Trim	2.62	
		For Work >20' To 30' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 20'.		
		For Oil Based Paint, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.88*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.35*	
		For >100 To 250, Add	*0.66*	
		For >250 To 500, Add	*0.29*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000 To 20,000, Deduct	*-0.39*	
		For >20,000, Deduct	*-0.52*	

09 91 13 00-0509 Paint Exterior Miscellaneous Metal Surfaces *(09 91 13)*

09 91 13 00-0510	SF	1 Coat Alkyd Anticorrosive Metal Primer, Brush/Roller Work, Paint Exterior Miscellaneous Metal Surfaces	1.49	
		For Epoxy Paint, Add	*0.19*	
		For Electrostatic Painting, Add	*0.21*	
09 91 13 00-0511	SF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Miscellaneous Metal Surfaces	1.36	
		For Epoxy Paint, Add	*0.14*	
		For Electrostatic Painting, Add	*0.17*	
09 91 13 00-0512	SF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Miscellaneous Metal Surfaces	2.76	
		For Epoxy Paint, Add	*0.30*	
		For Electrostatic Painting, Add	*0.36*	

09 91 23 Interior Painting *(09 91)*

Note: Acrylic latex paint unless otherwise stated. VOC compliant in all regulated areas, review specifications for levels. Paint tasks covers all paint sheens: flat, eggshell, satin, semi-gloss, or gloss. See CSI section 09 91 13 00-0339 for additional interior materials.

09 91 23 00-0001 Paint Interior Walls *(09 91 23)*

09 91 23 00-0002 Paint Interior Brick Walls *(09 91 23 00-0001)*

09 91 23 00-0003	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Brick Walls	0.21	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.13*	
		For >100 To 250, Add	*0.06*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0004	SF	1 Coat Filler, Brush Work, Paint Interior Brick Walls	1.09	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0005	SF	1 Coat Paint, Brush Work, Paint Interior Brick Walls	1.26	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 23 00-0006	SF	2 Coat Paint, Brush Work, Paint Interior Brick Walls	2.26	
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.71*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.97*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.40*	
		For >100 To 250, Add	*0.67*	
		For >250 To 500, Add	*0.29*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.34*	
		For >20,000, Deduct	*-0.45*	
09 91 23 00-0007	SF	1 Coat Filler, Brush/Roller Work, Paint Interior Brick Walls	0.90	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0008	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Brick Walls	1.11	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0009	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Brick Walls	1.93	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.55*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.75*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.11*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.39*	
09 91 23 00-0010	SF	1 Coat Filler, Sprayed, Paint Interior Brick Walls	0.83	
		For Oil Based Paint, Add	*0.05*	
		For Backroll, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0011	SF	1 Coat Paint, Sprayed, Paint Interior Brick Walls	0.93	
		For Oil Based Paint, Add	*0.06*	
		For Backroll, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0012	SF	2 Coats Paint, Sprayed, Paint Interior Brick Walls	1.58	
		For Oil Based Paint, Add	*0.11*	
		For Backroll, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.83*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
09 91 23 00-0013	SF	1 Coat Bonding Agent, Brush Work, Paint Interior Brick Walls	1.13	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0014	SF	1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Brick Walls	0.94	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0015	SF	1 Coat Bonding Agent, Sprayed, Paint Interior Brick Walls	0.88	
		For Backroll, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	

09 91 23 00-0016 Paint Interior Concrete Walls *(09 91 23 00-0001)*

09 91 23 00-0017	SF	1 Coat Filler, Brush Work, Paint Interior Concrete Walls	0.93	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0018	SF	1 Coat Paint, Brush Work, Paint Interior Concrete Walls	1.01	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0019	SF	2 Coats Paint, Brush Work, Paint Interior Concrete Walls	1.87	
		For Oil Based Paint, Add	*0.11*	
		For Epoxy Paint, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.89*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.25*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.37*	
09 91 23 00-0020	SF	1 Coat Filler, Brush/Roller Work, Paint Interior Concrete Walls	0.75	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0021	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Walls	0.85	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0022	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Walls	1.56	
		For Oil Based Paint, Add	*0.09*	
		For Epoxy Paint, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.70*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.00*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0023	SF	1 Coat Filler, Sprayed, Paint Interior Concrete Walls	0.67	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.10*	
		For Backroll, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 23 00-0024	SF	1 Coat Paint, Sprayed, Paint Interior Concrete Walls	0.76	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	
		For Backroll, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0025	SF	2 Coats Paint, Sprayed, Paint Interior Concrete Walls	1.22	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.17*	
		For Backroll, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 23 00-0026	SF	1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Walls	0.97	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0027	SF	1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Concrete Walls	0.79	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0028	SF	1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Walls	0.71	
		For Backroll, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 23 00-0029	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Walls	0.16	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.11*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	

09 91 23 00-0030 Paint Interior Concrete Block Walls *(09 91 23 00-0001)*

09 91 23 00-0031 Paint Interior Concrete Block Walls, Epoxy Paint *(09 91 23 00-0030)*

09 91 23 00-0032	LF	1 Coat Epoxy Paint, Cut-in Brush Work, Paint Interior Concrete Block Walls	0.50	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.19*	
		For >100 To 250, Add	*0.10*	
		For >250 To 500, Add	*0.04*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.10*	
09 91 23 00-0033	SF	1 Coat Epoxy Filler, Brush Work, Paint Interior Concrete Block Walls	1.29	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0034	SF	1 Coat Epoxy Paint, Brush Work, Paint Interior Concrete Block Walls	1.49	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.93*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.30*	
09 91 23 00-0035	SF	2 Coats Epoxy Paint, Brush Work, Paint Interior Concrete Block Walls	2.68	
		For Work >15' To 20' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.82*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.13*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.63*	
		For >100 To 250, Add	*0.78*	
		For >250 To 500, Add	*0.34*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.27*	
		For >10,000 To 20,000, Deduct	*-0.40*	
		For >20,000, Deduct	*-0.54*	
09 91 23 00-0036	SF	1 Coat Epoxy Filler, Brush/Roller Work, Paint Interior Concrete Block Walls	1.06	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0037	SF	1 Coat Epoxy Paint, Brush/Roller Work, Paint Interior Concrete Block Walls	1.18	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 23 00-0038	SF	2 Coats Epoxy Paint, Brush/Roller Work, Paint Interior Concrete Block Walls	2.22	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.87*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.29*	
		For >100 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0039	SF	1 Coat Epoxy Filler, Sprayed, Paint Interior Concrete Block Walls	0.91	
		For Backroll, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0040	SF	1 Coat Epoxy Paint, Sprayed, Paint Interior Concrete Block Walls	1.10	
		For Backroll, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0041	SF	2 Coats Epoxy Paint, Sprayed, Paint Interior Concrete Block Walls	2.01	
		For Backroll, Add	*0.22*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.67*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	

09 91 23 00-0042 Paint Interior Concrete Block Walls, Acrylic Latex Paint *(09 91 23 00-0030)*

09 91 23 00-0043	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Block Walls	0.24	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.15*	
		For >100 To 250, Add	*0.07*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.04*	
		For >20,000, Deduct	*-0.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0044	SF	1 Coat Filler, Brush Work, Paint Interior Concrete Block Walls	1.20	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 23 00-0045	SF	1 Coat Paint, Brush Work, Paint Interior Concrete Block Walls	1.42	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.63*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.90*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 23 00-0046	SF	2 Coats Paint, Brush Work, Paint Interior Concrete Block Walls	2.58	
		For Oil Based Paint, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.81*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.11*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.60*	
		For >100 To 250, Add	*0.76*	
		For >250 To 500, Add	*0.33*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000 To 20,000, Deduct	*-0.39*	
		For >20,000, Deduct	*-0.52*	
09 91 23 00-0047	SF	1 Coat Texture Paint, Brush Work, Paint Interior Concrete Block Walls	1.57	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.69*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.99*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.31*	
09 91 23 00-0048	SF	1 Coat Filler, Brush/Roller Work, Paint Interior Concrete Block Walls	1.01	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0049	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Block Walls	1.20	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 23 00-0050	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Block Walls	2.16	
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.88*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.28*	
		For >100 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.43*	
09 91 23 00-0051	SF	1 Coat Texture Paint, Brush/Roller Work, Paint Interior Concrete Block Walls	1.34	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.57*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
09 91 23 00-0052	SF	1 Coat Filler, Sprayed, Paint Interior Concrete Block Walls	0.94	
		For Oil Based Paint, Add	*0.06*	
		For Backroll, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0053	SF	1 Coat Paint, Sprayed, Paint Interior Concrete Block Walls	1.07	
		For Oil Based Paint, Add	*0.07*	
		For Backroll, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0054	SF	2 Coats Paint, Sprayed, Paint Interior Concrete Block Walls	1.75	
		For Oil Based Paint, Add	*0.12*	
		For Backroll, Add	*0.20*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.60*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	
09 91 23 00-0055	SF	1 Coat Texture Paint, Sprayed, Paint Interior Concrete Block Walls	1.24	
		For Oil Based Paint, Add	*0.08*	
		For Backroll, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	

09 91 23 00-0056 Paint Interior Concrete Block Walls With Bonding Agent *(09 91 23 00-0030)*

09 91 23 00-0057	SF	1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Block Walls	1.24	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 23 00-0058	SF	1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Concrete Block Walls	1.05	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0059	SF	1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Block Walls	0.99	
		For Backroll, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	

09 91 23 00-0060 Paint Interior Plaster/Drywall Walls *(09 91 23 00-0001)*

09 91 23 00-0061 Paint Interior Plaster/Drywall Walls *(09 91 23 00-0060)*

09 91 23 00-0062	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Plaster/Drywall Walls	0.17	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.12*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.03*	
09 91 23 00-0063	SF	1 Coat Primer, Brush Work, Paint Interior Plaster/Drywall Walls	0.97	
		For Oil Based Paint, Add	*0.06*	
		For Orange Peel Finish, Add	*0.13*	
		For Epoxy Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0064	SF	1 Coat Paint, Brush Work, Paint Interior Plaster/Drywall Walls	1.03	
		For Oil Based Paint, Add	*0.06*	
		For Orange Peel Finish, Add	*0.15*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0065	SF	2 Coats Paint, Brush Work, Paint Interior Plaster/Drywall Walls	1.87	
		For Oil Based Paint, Add	*0.11*	
		For Orange Peel Finish, Add	*0.26*	
		For Epoxy Paint, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.87*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.23*	
		For >100 To 250, Add	*0.58*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.37*	
09 91 23 00-0066	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Plaster/Drywall Walls	0.77	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.10*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0067	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Plaster/Drywall Walls	0.88	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.12*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0068	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Plaster/Drywall Walls	1.56	
		For Oil Based Paint, Add	*0.09*	
		For Orange Peel Finish, Add	*0.21*	
		For Epoxy Paint, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.69*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.98*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0069	SF	1 Coat Primer, Sprayed, Paint Interior Plaster/Drywall Walls	0.69	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.10*	
		For Backroll, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
09 91 23 00-0070	SF	1 Coat Paint, Sprayed, Paint Interior Plaster/Drywall Walls	0.76	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	
		For Backroll, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0071	SF	2 Coats Paint, Sprayed, Paint Interior Plaster/Drywall Walls	1.22	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.17*	
		For Backroll, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	

09 91 23 00-0072 Paint Interior Plaster/Drywall Or Masonry Walls With Polymix Multi-Color Paint *(09 91 23 00-0060)*

09 91 23 00-0073	SF	2 Tone Polymix With Base Coat, Sprayed, Paint Interior Plaster/Drywall Or Masonry Walls	2.06	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0074	SF	3 Tone Polymix With Base Coat, Sprayed, Paint Interior Plaster/Drywall Or Masonry Walls	2.24	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.95*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.34*	
		For >20,000, Deduct	*-0.45*	
09 91 23 00-0075	SF	4 Tone Polymix With Base Coat, Sprayed, Paint Interior Plaster/Drywall Or Masonry Walls	2.41	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.97*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.36*	
		For >20,000, Deduct	*-0.48*	

09 91 23 00-0076 Paint Interior Plaster/Drywall Walls, Acoustic Texture *(09 91 23 00-0060)*

09 91 23 00-0077	SF	1 Coat Primer, Sprayed, Acoustic Texture, Paint Interior Plaster/Drywall Walls	0.86	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0078	SF	1 Coat Finish, Sprayed, Acoustic Texture, Paint Interior Plaster/Drywall Walls	1.01	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0079	SF	2 Coats Finish, Sprayed, Acoustic Texture, Paint Interior Plaster/Drywall Walls	1.58	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0080	SF	Stipple Finish (Drippowder), Paint Interior Plaster/Drywall Walls	1.58	
		For Work >15' To 20' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.81*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.12*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	

09 91 23 00-0081 Paint Interior Metal Walls *(09 91 23 00-0001)*

09 91 23 00-0082 Paint Interior Galvanized Walls *(09 91 23 00-0081)*

Note: Linseed oil or acrylic latex paint.

09 91 23 00-0083	SF	1 Coat Primer, Brush Work, Paint Interior Galvanized Wall Surfaces	1.25	
		For Electrostatic Painting, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 23 00-0084	SF	1 Coat Paint, Brush Work, Paint Interior Galvanized Wall Surfaces	1.38	
		For Electrostatic Painting, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 23 00-0085	SF	2 Coats Paint, Brush Work, Paint Interior Galvanized Wall Surfaces	2.52	
		For Electrostatic Painting, Add	*0.36*	
		For Work >15' To 20' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.71*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.97*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.44*	
		For >100 To 250, Add	*0.69*	
		For >250 To 500, Add	*0.30*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.38*	
		For >20,000, Deduct	*-0.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0086	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Galvanized Walls	0.95	
		For Electrostatic Painting, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0087	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Galvanized Wall	1.08	
		For Electrostatic Painting, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0088	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Galvanized Walls	2.03	
		For Electrostatic Painting, Add	*0.30*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.76*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.14*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.41*	
09 91 23 00-0089	SF	1 Coat Primer, Sprayed, Paint Interior Galvanized Walls	0.84	
		For Electrostatic Painting, Add	*0.15*	
		For Backroll, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0090	SF	1 Coat Paint, Sprayed, Paint Interior Galvanized Walls	1.09	
		For Electrostatic Painting, Add	*0.17*	
		For Backroll, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0091	SF	2 Coats Paint, Sprayed, Paint Interior Galvanized Walls	1.82	
		For Electrostatic Painting, Add	*0.31*	
		For Backroll, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	

09 91 23 00-0092 Paint Interior Aluminum And Aluminum Alloy Walls *(09 91 23 00-0081)*

Note: Alkyd enamel paint.

09 91 23 00-0093	SF	1 Coat Primer, Brush Work, Paint Interior Aluminum And Aluminum Alloy Wall Surfaces	1.25	
		For Electrostatic Painting, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 23 00-0094	SF	1 Coat Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Wall Surfaces	1.38	
		For Electrostatic Painting, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 23 00-0095	SF	2 Coats Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Wall Surfaces	2.51	
		For Electrostatic Painting, Add	*0.36*	
		For Work >15' To 20' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.71*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.97*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.44*	
		For >100 To 250, Add	*0.69*	
		For >250 To 500, Add	*0.30*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.38*	
		For >20,000, Deduct	*-0.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0096	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Walls	1.06	
		For Electrostatic Painting, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0097	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Walls	1.19	
		For Electrostatic Painting, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 23 00-0098	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Walls	2.25	
		For Electrostatic Painting, Add	*0.35*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.76*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.17*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.34*	
		For >20,000, Deduct	*-0.45*	
09 91 23 00-0099	SF	1 Coat Primer, Sprayed, Paint Interior Aluminum And Aluminum Alloy Walls	0.92	
		For Electrostatic Painting, Add	*0.16*	
		For Backroll, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0100	SF	1 Coat Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Walls	1.09	
		For Electrostatic Painting, Add	*0.17*	
		For Backroll, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0101	SF	2 Coats Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Walls	1.82	
		For Electrostatic Painting, Add	*0.31*	
		For Backroll, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	

09 91 23 00-0102 Paint Interior Corrugated Metal Walls *(09 91 23 00-0081)*

09 91 23 00-0103	SF	1 Coat Primer, Sprayed, Paint Interior Corrugated Metal Walls	1.03	
		For Electrostatic Painting, Add	*0.18*	
		For Backroll, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0104	SF	1 Coat Paint, Sprayed, Paint Interior Corrugated Metal Walls	1.35	
		For Electrostatic Painting, Add	*0.21*	
		For Backroll, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
09 91 23 00-0105	SF	2 Coats Paint, Sprayed, Paint Interior Corrugated Metal Walls	2.28	
		For Electrostatic Painting, Add	*0.38*	
		For Backroll, Add	*0.24*	
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.71*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.12*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.34*	
		For >20,000, Deduct	*-0.46*	

09 91 23 00-0106 Paint Interior Stucco Walls *(09 91 23 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0107	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Stucco Wall Surfaces	0.29	
		For Oil Based Paint, Add	*0.02*	
		For Work >15' To 20' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.19*	
		For >100 To 250, Add	*0.09*	
		For >250 To 500, Add	*0.04*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 20,000, Deduct	*-0.04*	
		For >20,000, Deduct	*-0.06*	
09 91 23 00-0108	SF	1 Coat Primer, Brush Work, Paint Interior Stucco Wall Surfaces	1.60	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.76*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.07*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
09 91 23 00-0109	SF	1 Coat Paint, Brush Work, Paint Interior Stucco Wall Surfaces	1.76	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.61*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.84*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.18*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	
09 91 23 00-0110	SF	2 Coats Paint, Brush Work, Paint Interior Stucco Wall Surfaces	3.11	
		For Oil Based Paint, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.66*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*1.05*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.44*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*2.04*	
		For >100 To 250, Add	*0.97*	
		For >250 To 500, Add	*0.42*	
		For >2,500 To 5,000, Deduct	*-0.16*	
		For >5,000 To 10,000, Deduct	*-0.31*	
		For >10,000 To 20,000, Deduct	*-0.47*	
		For >20,000, Deduct	*-0.62*	
09 91 23 00-0111	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Stucco Wall Surfaces	1.21	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.55*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0112	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Stucco Wall Surfaces	1.37	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.88*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.27*	
09 91 23 00-0113	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Stucco Wall Surfaces	2.52	
		For Oil Based Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.81*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.12*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.60*	
		For >100 To 250, Add	*0.76*	
		For >250 To 500, Add	*0.33*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.38*	
		For >20,000, Deduct	*-0.50*	
09 91 23 00-0114	SF	1 Coat Primer, Sprayed, Paint Interior Stucco Wall Surfaces	0.91	
		For Oil Based Paint, Add	*0.06*	
		For Backroll, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0115	SF	1 Coat Paint, Sprayed, Paint Interior Stucco Wall Surfaces	1.12	
		For Oil Based Paint, Add	*0.07*	
		For Backroll, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0116	SF	2 Coats Paint, Sprayed, Paint Interior Stucco Wall Surfaces	2.19	
		For Oil Based Paint, Add	*0.14*	
		For Backroll, Add	*0.27*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.90*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.31*	
		For >100 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0117		Paint Interior Wood Walls *(09 91 23 00-0001)*		
09 91 23 00-0118		Interior Wood Walls *(09 91 23 00-0117)*		
09 91 23 00-0119	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Wood Wall Surfaces	0.20	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.13*	
		For >100 To 250, Add	*0.06*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	
09 91 23 00-0120	SF	1 Coat Paint, Brush Work, Paint Interior Wood Wall Surfaces	1.19	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 23 00-0121	SF	2 Coats Paint, Brush Work, Paint Interior Wood Wall Surfaces	2.19	
		For Oil Based Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.74*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.01*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.43*	
		For >100 To 250, Add	*0.68*	
		For >250 To 500, Add	*0.29*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.44*	
09 91 23 00-0122	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Walls	0.85	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0123	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Walls	0.97	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0124	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Walls	1.72	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.55*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.75*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.08*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.34*	
09 91 23 00-0125	SF	1 Coat Primer, Sprayed, Paint Interior Wood Walls	0.66	
		For Oil Based Paint, Add	*0.04*	
		For Backroll, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 23 00-0126	SF	1 Coat Paint, Sprayed, Paint Interior Wood Walls	0.83	
		For Oil Based Paint, Add	*0.05*	
		For Backroll, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0127	SF	2 Coats Paint, Sprayed, Paint Interior Wood Walls	1.52	
		For Oil Based Paint, Add	*0.10*	
		For Backroll, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.57*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0128		Paint Interior Ceilings *(09 91 23)*		
09 91 23 00-0129		Paint Interior Acoustical Ceilings *(09 91 23 00-0128)*		
		Note: Includes grid.		
09 91 23 00-0130	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Acoustical Ceiling	0.33	
		For Oil Based Paint, Add	*0.02*	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.16*	
		For >100 To 250, Add	*0.08*	
		For >250 To 500, Add	*0.04*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 20,000, Deduct	*-0.05*	
		For >20,000, Deduct	*-0.07*	
09 91 23 00-0131	SF	1 Coat Primer, Brush Work, Paint Interior Acoustical Ceiling	1.06	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0132	SF	1 Coat Paint, Brush Work, Paint Interior Acoustical Ceiling	1.15	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 23 00-0133	SF	2 Coats Paint, Brush Work, Paint Interior Acoustical Ceiling	2.05	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.71*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.97*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.37*	
		For >100 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0134	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Acoustical Ceiling	0.91	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0135	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Acoustical Ceiling	0.90	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0136	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Acoustical Ceiling	1.67	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.76*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.08*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	
09 91 23 00-0137	SF	1 Coat Primer, Sprayed, Paint Interior Acoustical Ceiling	0.86	
		For Oil Based Paint, Add	*0.05*	
		For Backroll, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0138	SF	1 Coat Paint, Sprayed, Paint Interior Acoustical Ceiling	0.83	
		For Oil Based Paint, Add	*0.05*	
		For Backroll, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0139	SF	2 Coats Paint, Sprayed, Paint Interior Acoustical Ceiling	1.33	
		For Oil Based Paint, Add	*0.08*	
		For Backroll, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	

09 91 23 00-0140 Paint Interior Concrete Ceilings *(09 91 23 00-0128)*

09 91 23 00-0141	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Ceiling	0.19	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.13*	
		For >100 To 250, Add	*0.06*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	
09 91 23 00-0142	SF	1 Coat Filler, Brush Work, Paint Interior Concrete Ceiling	1.05	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0143	SF	1 Coat Paint, Brush Work, Paint Interior Concrete Ceiling	1.15	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0144	SF	2 Coats Paint, Brush Work, Paint Interior Concrete Ceiling	2.04	
		For Oil Based Paint, Add	*0.12*	
		For Epoxy Paint, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.70*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.97*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.36*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.41*	
09 91 23 00-0145	SF	1 Coat Filler, Brush/Roller Work, Paint Interior Concrete Ceiling	0.80	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0146	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Ceiling	0.90	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0147	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Ceiling	1.67	
		For Oil Based Paint, Add	*0.10*	
		For Epoxy Paint, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.76*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.08*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0148	SF	1 Coat Filler, Sprayed, Paint Interior Concrete Ceiling	0.81	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.10*	
		For Backroll, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0149	SF	1 Coat Paint, Sprayed, Paint Interior Concrete Ceiling	0.83	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	
		For Backroll, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0150	SF	2 Coats Paint, Sprayed, Paint Interior Concrete Ceiling	1.31	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.17*	
		For Backroll, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	
09 91 23 00-0151	SF	1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Ceiling	1.09	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0152	SF	1 Coat Bonding Agent, Brush/Roller, Paint Interior Concrete Ceiling	0.84	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0153	SF	1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Ceiling	0.85	
		For Backroll, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	

09 91 23 00-0154 Paint Interior Drywall/Plaster Ceilings *(09 91 23 00-0128)*

09 91 23 00-0155	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Drywall/Plaster Ceiling	0.19	
		For Epoxy Paint, Add	*0.02*	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.13*	
		For >100 To 250, Add	*0.06*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	
09 91 23 00-0156	SF	1 Coat Primer, Brush Work, Pain Interior Drywall/Plaster Ceiling	1.06	
		For Epoxy Paint, Add	*0.10*	
		For Oil Based Paint, Add	*0.06*	
		For Orange Peel Finish, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0157	SF	1 Coat Paint, Brush Work, Paint Interior Drywall/Plaster Ceiling	1.15	
		For Epoxy Paint, Add	*0.10*	
		For Oil Based Paint, Add	*0.06*	
		For Orange Peel Finish, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 23 00-0158	SF	2 Coats Paint, Brush Work, Paint Interior Drywall/Plaster Ceiling	2.05	
		For Epoxy Paint, Add	*0.19*	
		For Oil Based Paint, Add	*0.12*	
		For Orange Peel Finish, Add	*0.29*	
		For Work >15' To 20' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.71*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.97*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.37*	
		For >100 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.41*	
09 91 23 00-0159	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling	0.91	
		For Epoxy Paint, Add	*0.10*	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0160	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling	0.90	
		For Epoxy Paint, Add	*0.09*	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0161	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling	1.67	
		For Epoxy Paint, Add	*0.17*	
		For Oil Based Paint, Add	*0.10*	
		For Orange Peel Finish, Add	*0.23*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.76*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.08*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	
09 91 23 00-0162	SF	1 Coat Primer, Sprayed, Paint Interior Drywall/Plaster Ceiling	0.86	
		For Epoxy Paint, Add	*0.11*	
		For Oil Based Paint, Add	*0.05*	
		For Backroll, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0163	SF	1 Coat Paint, Sprayed, Paint Interior Drywall/Plaster Ceiling	0.83	
		For Epoxy Paint, Add	*0.09*	
		For Oil Based Paint, Add	*0.05*	
		For Backroll, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0164	SF	2 Coats Paint, Sprayed, Paint Interior Drywall/Plaster Ceiling	1.33	
		For Epoxy Paint, Add	*0.17*	
		For Oil Based Paint, Add	*0.08*	
		For Backroll, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	

09 91 23 00-0165 Paint Interior Metal Ceilings *(09 91 23 00-0128)*

09 91 23 00-0166 Galvanized Surfaces, Galvanized Primer *(09 91 23 00-0165)*

Note: Linseed oil or acrylic latex paint.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0167	SF	1 Coat Primer, Brush Work, Paint Interior Galvanized Ceiling	1.38	
		For Electrostatic Painting, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 23 00-0168	SF	1 Coat Paint, Brush Work, Paint Interior Galvanized Ceiling	1.51	
		For Electrostatic Painting, Add	*0.21*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.63*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.91*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
09 91 23 00-0169	SF	2 Coats Paint, Brush Work, Paint Interior Galvanized Ceiling	2.77	
		For Electrostatic Painting, Add	*0.39*	
		For Work >15' To 20' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.81*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.12*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.63*	
		For >100 To 250, Add	*0.78*	
		For >250 To 500, Add	*0.34*	
		For >2,500 To 5,000, Deduct	*-0.14*	
		For >5,000 To 10,000, Deduct	*-0.28*	
		For >10,000 To 20,000, Deduct	*-0.42*	
		For >20,000, Deduct	*-0.55*	
09 91 23 00-0170	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Galvanized Ceiling	1.07	
		For Electrostatic Painting, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0171	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Galvanized Ceiling	1.19	
		For Electrostatic Painting, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0172	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Galvanized Ceiling	2.21	
		For Electrostatic Painting, Add	*0.31*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.88*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.29*	
		For >100 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.44*	
09 91 23 00-0173	SF	1 Coat Primer, Sprayed, Paint Interior Galvanized Ceiling	1.09	
		For Electrostatic Painting, Add	*0.17*	
		For Backroll, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0174	SF	1 Coat Paint, Sprayed, Paint Interior Galvanized Ceiling	1.23	
		For Electrostatic Painting, Add	*0.19*	
		For Backroll, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.25*	
09 91 23 00-0175	SF	2 Coats Paint, Sprayed, Paint Interior Galvanized Ceiling	1.99	
		For Electrostatic Painting, Add	*0.33*	
		For Backroll, Add	*0.21*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.98*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	

09 91 23 00-0176 Aluminum And Aluminum Alloy Surface Pretreatment Primer *(09 91 23 00-0165)*
Note: Alkyd enamel paint.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0177	SF	1 Coat Primer, Brush Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.38	
		For Electrostatic Painting, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 23 00-0178	SF	1 Coat Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.51	
		For Electrostatic Painting, Add	*0.21*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.63*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.91*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
09 91 23 00-0179	SF	2 Coats Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	2.77	
		For Electrostatic Painting, Add	*0.39*	
		For Work >15' To 20' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.81*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.12*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.63*	
		For >100 To 250, Add	*0.78*	
		For >250 To 500, Add	*0.34*	
		For >2,500 To 5,000, Deduct	*-0.14*	
		For >5,000 To 10,000, Deduct	*-0.28*	
		For >10,000 To 20,000, Deduct	*-0.42*	
		For >20,000, Deduct	*-0.55*	
09 91 23 00-0180	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.19	
		For Electrostatic Painting, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 23 00-0181	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.31	
		For Electrostatic Painting, Add	*0.20*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0182	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	2.49	
		For Electrostatic Painting, Add	*0.38*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.90*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.35*	
		For >100 To 250, Add	*0.66*	
		For >250 To 500, Add	*0.29*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.37*	
		For >20,000, Deduct	*-0.50*	
09 91 23 00-0183	SF	1 Coat Primer, Sprayed, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.09	
		For Electrostatic Painting, Add	*0.17*	
		For Backroll, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0184	SF	1 Coat Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.23	
		For Electrostatic Painting, Add	*0.19*	
		For Backroll, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.25*	
09 91 23 00-0185	SF	2 Coats Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.99	
		For Electrostatic Painting, Add	*0.33*	
		For Backroll, Add	*0.21*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.98*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	

09 91 23 00-0186 Paint Interior Ceiling Tile Grid *(09 91 23 00-0165)*
Note: Grid only.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0187	LF	1 Coat Paint, Brush/Roller Work, Paint Interior Ceiling Tile Grid	0.28	
		For Electrostatic Painting, Add	*0.04*	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.18*	
		For >100 To 250, Add	*0.09*	
		For >250 To 500, Add	*0.04*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 20,000, Deduct	*-0.04*	
		For >20,000, Deduct	*-0.06*	
09 91 23 00-0188	LF	2 Coats Paint, Brush/Roller Work, Paint Interior Ceiling Tile Grid	0.59	
		For Electrostatic Painting, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	

09 91 23 00-0189 Paint Interior Corrugated Metal Ceilings *(09 91 23 00-0165)*

09 91 23 00-0190	SF	1 Coat Primer, Sprayed, Paint Interior Corrugated Metal Ceiling	1.43	
		For Electrostatic Painting, Add	*0.23*	
		For Backroll, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.29*	
09 91 23 00-0191	SF	1 Coat Paint, Sprayed, Paint Interior Corrugated Metal Ceiling	1.64	
		For Electrostatic Painting, Add	*0.25*	
		For Backroll, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.89*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0192	SF	2 Coats Paint, Sprayed, Paint Interior Corrugated Metal Ceiling	2.66	
		For Electrostatic Painting, Add	*0.44*	
		For Backroll, Add	*0.29*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.61*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.84*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.31*	
		For >100 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.29*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.27*	
		For >10,000 To 20,000, Deduct	*-0.40*	
		For >20,000, Deduct	*-0.53*	

09 91 23 00-0193 Paint Interior Wood Ceilings *(09 91 23 00-0128)*

09 91 23 00-0194 Paint Interior Smooth Wood Ceilings *(09 91 23 00-0193)*

09 91 23 00-0195	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Wood Smooth Ceiling	0.22	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.15*	
		For >100 To 250, Add	*0.07*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	
09 91 23 00-0196	SF	1 Coat Primer, Brush Work, Paint Interior Wood Smooth Ceiling	1.29	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	
09 91 23 00-0197	SF	1 Coat Paint, Brush Work, Paint Interior Wood Smooth Ceiling	1.35	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.63*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.89*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0198	SF	2 Coats Paint, Brush Work, Paint Interior Wood Smooth Ceiling	2.45	
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.81*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.12*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.59*	
		For >100 To 250, Add	*0.75*	
		For >250 To 500, Add	*0.33*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.37*	
		For >20,000, Deduct	*-0.49*	
09 91 23 00-0199	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Smooth Wood Ceiling	1.04	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0200	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Smooth Wood Ceiling	1.12	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0201	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Smooth Wood Ceiling	2.12	
		For Oil Based Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.90*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.30*	
		For >100 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.42*	
09 91 23 00-0202	SF	1 Coat Primer, Sprayed, Paint Interior Smooth Wood Ceiling	0.87	
		For Oil Based Paint, Add	*0.05*	
		For Backroll, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0203	SF	1 Coat Paint, Sprayed, Paint Interior Smooth Wood Ceiling	1.02	
		For Oil Based Paint, Add	*0.06*	
		For Backroll, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0204	SF	2 Coats Paint, Sprayed, Paint Interior Smooth Wood Ceiling	1.55	
		For Oil Based Paint, Add	*0.10*	
		For Backroll, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.91*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	

09 91 23 00-0205 Paint Interior Wood Beams *(09 91 23 00-0128)*

09 91 23 00-0206	SF	1 Coat Primer, Brush Work, Paint Interior Wood Beams	1.43	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.93*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.29*	
09 91 23 00-0207	SF	1 Coat Paint, Brush Work, Paint Interior Wood Beams	1.47	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.69*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.98*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0208	SF	2 Coats Paint, Brush Work, Paint Interior Wood Beams	2.67	
		For Oil Based Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.90*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.24*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.75*	
		For >100 To 250, Add	*0.83*	
		For >250 To 500, Add	*0.36*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.27*	
		For >10,000 To 20,000, Deduct	*-0.40*	
		For >20,000, Deduct	*-0.53*	
09 91 23 00-0209	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Beams	1.15	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 23 00-0210	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Beams	1.12	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0211	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Beams	2.12	
		For Oil Based Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.90*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.30*	
		For >100 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.42*	
09 91 23 00-0212	SF	1 Coat Primer, Sprayed, Paint Interior Wood Beams	1.02	
		For Oil Based Paint, Add	*0.06*	
		For Backroll, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0213	SF	1 Coat Paint, Sprayed, Paint Interior Wood Beams	1.02	
		For Oil Based Paint, Add	*0.06*	
		For Backroll, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0214	SF	2 Coats Paint, Sprayed, Paint Interior Wood Beams	1.69	
		For Oil Based Paint, Add	*0.11*	
		For Backroll, Add	*0.21*	
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.70*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.02*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.34*	

09 91 23 00-0215 Dryfall Coating *(09 91 23 00-0128)*

09 91 23 00-0216	SF	Dryfall Interior Acrylic Ceiling Coating, 1 Coat, Sprayed	0.59	
		For Oil Based Paint, Add	*0.03*	
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 23 00-0217	SF	Dryfall Interior Latex Ceiling Coating, 1 Coat, Sprayed	0.62	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	

09 91 23 00-0218 Paint Interior Floors And Decks *(09 91 23)*

09 91 23 00-0219 Paint Interior Concrete Floors And Decks *(09 91 23 00-0218)*

09 91 23 00-0220	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Floors And Decks	0.14	
		For Up To 100, Add	*0.09*	
		For >100 To 250, Add	*0.04*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	
09 91 23 00-0221	SF	1 Coat Primer, Brush Work, Paint Interior Concrete Floors And Decks	0.81	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0222	SF	1 Coat Paint, Brush Work, Paint Interior Concrete Floors And Decks	0.90	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0223	SF	2 Coats Paint, Brush Work, Paint Interior Concrete Floors And Decks	1.76	
		For Oil Based Paint, Add	*0.10*	
		For Epoxy Paint, Add	*0.17*	
		For Up To 100, Add	*1.15*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	
09 91 23 00-0224	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Concrete Floors And Decks	0.79	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0225	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Floors And Decks	0.78	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.08*	
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0226	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Floors And Decks	1.27	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.15*	
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 23 00-0227	SF	1 Coat Primer, Sprayed, Paint Interior Concrete Floors And Decks	0.66	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.10*	
		For Backroll, Add	*0.08*	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 23 00-0228	SF	1 Coat Paint, Sprayed, Paint Interior Concrete Floors And Decks	0.66	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.08*	
		For Backroll, Add	*0.08*	
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 23 00-0229	SF	2 Coats Paint, Sprayed, Paint Interior Concrete Floors And Decks	1.16	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.16*	
		For Backroll, Add	*0.14*	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0230	SF	1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Floors And Decks	0.85	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0231	SF	1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Concrete Floors And Decks	0.83	
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0232	SF	1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Floors And Decks	0.70	
		For Backroll, Add	*0.08*	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 23 00-0233	SF	1 Coat Non-Slip Paint, Brush Work, Paint Interior Concrete Floors And Decks	2.45	
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.37*	
		For >20,000, Deduct	*-0.49*	
09 91 23 00-0234	SF	1 Coat Non-Slip Epoxy Paint, Brush Work, Paint Interior Concrete Floors And Decks (Rust-Oleum® AS91864251)	7.05	
		For Up To 100, Add	*1.51*	
		For >100 To 250, Add	*0.90*	
		For >250 To 500, Add	*0.43*	
		For >2,500 To 5,000, Deduct	*-0.35*	
		For >5,000 To 10,000, Deduct	*-0.71*	
		For >10,000 To 20,000, Deduct	*-1.06*	
		For >20,000, Deduct	*-1.41*	

09 91 23 00-0235 Paint Interior Wood Floors And Decks *(09 91 23 00-0218)*

09 91 23 00-0236	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Wood Floors And Decks	0.18	
		For Up To 100, Add	*0.12*	
		For >100 To 250, Add	*0.06*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	
09 91 23 00-0237	SF	1 Coat Primer, Brush Work, Paint Interior Wood Floors And Decks	1.00	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0238	SF	1 Coat Paint, Brush Work, Paint Interior Wood Floors And Decks	1.09	
		For Oil Based Paint, Add	*0.07*	
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0239	SF	2 Coats Paint, Brush Work, Paint Interior Wood Floors And Decks	2.06	
		For Oil Based Paint, Add	*0.12*	
		For Up To 100, Add	*1.29*	
		For >100 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0240	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Floors And Decks	0.81	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0241	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Floors And Decks	0.88	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0242	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Floors And Decks	1.75	
		For Oil Based Paint, Add	*0.11*	
		For Up To 100, Add	*1.02*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	
09 91 23 00-0243	SF	1 Coat Primer, Sprayed, Paint Interior Wood Floors And Decks	0.70	
		For Oil Based Paint, Add	*0.05*	
		For Backroll, Add	*0.08*	
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 23 00-0244	SF	1 Coat Paint, Sprayed, Paint Interior Wood Floors And Decks	0.87	
		For Oil Based Paint, Add	*0.05*	
		For Backroll, Add	*0.11*	
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0245	SF	2 Coats Paint, Sprayed, Paint Interior Wood Floors And Decks	1.24	
		For Oil Based Paint, Add	*0.08*	
		For Backroll, Add	*0.14*	
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 23 00-0246	SF	1 Coat Non-Slip Paint, Brush Work, Paint Interior Wood Floors And Decks	2.45	
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.37*	
		For >20,000, Deduct	*-0.49*	
09 91 23 00-0247	SF	1 Coat Non-Slip Epoxy Paint, Brush Work, Paint Interior Wood Floors And Decks	7.05	
		For Up To 100, Add	*1.51*	
		For >100 To 250, Add	*0.90*	
		For >250 To 500, Add	*0.43*	
		For >2,500 To 5,000, Deduct	*-0.35*	
		For >5,000 To 10,000, Deduct	*-0.71*	
		For >10,000 To 20,000, Deduct	*-1.06*	
		For >20,000, Deduct	*-1.41*	

09 91 23 00-0248 Paint Interior Doors And Windows *(09 91 23)*

09 91 23 00-0249 Paint Interior Door Frames *(09 91 23 00-0248)*

09 91 23 00-0250	LF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Door Frame And Trim	1.22	
		For Oil Based Paint, Add	*0.07*	
		For Painting One Face Of Frame Only, Deduct	*-0.32*	
09 91 23 00-0251	LF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Door Frame And Trim	1.58	
		For Oil Based Paint, Add	*0.09*	
		For Painting One Face Of Frame Only, Deduct	*-0.41*	
09 91 23 00-0252	LF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Door Frame And Trim	2.66	
		For Oil Based Paint, Add	*0.14*	
		For Painting One Face Of Frame Only, Deduct	*-0.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0253	LF	1 Coat Primer, Brush/Roller Work, Paint Interior Metal Door Frame And Trim	1.27	
		For Oil Based Paint, Add	*0.07*	
		For Painting One Face Of Frame Only, Deduct	*-0.34*	
09 91 23 00-0254	LF	1 Coat Paint, Brush/Roller Work, Paint Interior Metal Door Frame And Trim	1.63	
		For Oil Based Paint, Add	*0.09*	
		For Painting One Face Of Frame Only, Deduct	*-0.43*	
09 91 23 00-0255	LF	2 Coats Paint, Brush/Roller Work, Paint Interior Metal Door Frame And Trim	2.74	
		For Oil Based Paint, Add	*0.15*	
		For Painting One Face Of Frame Only, Deduct	*-0.73*	

09 91 23 00-0256 Paint Interior Metal Doors *(09 91 23 00-0248)*

09 91 23 00-0257	EA	1 Coat Primer, Brush/Roller Work, One Face, Paint Interior Metal Door	62.02	
		For Electrostatic Painting, Add	*10.00*	
		For Half Louvered Door, Add	*5.50*	
		For Full Louvered Door, Add	*9.17*	
		For Oil Based Paint, Add	*4.37*	
		For >5 To 10, Deduct	*-3.10*	
		For >10 To 25, Deduct	*-6.20*	
		For >25, Deduct	*-9.30*	
09 91 23 00-0258	EA	1 Coat Paint, Brush/Roller Work, One Face, Paint Interior Metal Door	62.02	
		For Electrostatic Painting, Add	*10.00*	
		For Half Louvered Door, Add	*5.50*	
		For Full Louvered Door, Add	*9.17*	
		For Oil Based Paint, Add	*4.37*	
		For >5 To 10, Deduct	*-3.10*	
		For >10 To 25, Deduct	*-6.20*	
		For >25, Deduct	*-9.30*	
09 91 23 00-0259	EA	2 Coats Paint, Brush/Roller Work, One Face, Paint Interior Metal Door	112.31	
		For Electrostatic Painting, Add	*18.79*	
		For Half Louvered Door, Add	*9.29*	
		For Full Louvered Door, Add	*15.48*	
		For Oil Based Paint, Add	*8.13*	
		For >5 To 10, Deduct	*-5.62*	
		For >10 To 25, Deduct	*-11.23*	
		For >25, Deduct	*-16.85*	
09 91 23 00-0260	EA	1 Coat Primer, Brush/Roller Work, Both Faces, Paint Interior Metal Door	111.29	
		For Electrostatic Painting, Add	*17.96*	
		For Half Louvered Door, Add	*9.86*	
		For Full Louvered Door, Add	*16.44*	
		For Oil Based Paint, Add	*7.84*	
		For >5 To 10, Deduct	*-5.56*	
		For >10 To 25, Deduct	*-11.13*	
		For >25, Deduct	*-16.69*	
09 91 23 00-0261	EA	1 Coat Paint, Brush/Roller Work, Both Faces, Paint Interior Metal Door	111.30	
		For Electrostatic Painting, Add	*17.96*	
		For Half Louvered Door, Add	*9.86*	
		For Full Louvered Door, Add	*16.44*	
		For Oil Based Paint, Add	*7.84*	
		For >5 To 10, Deduct	*-5.57*	
		For >10 To 25, Deduct	*-11.13*	
		For >25, Deduct	*-16.70*	
09 91 23 00-0262	EA	2 Coats Paint, Brush/Roller Work, Both Faces, Paint Interior Metal Door	202.34	
		For Electrostatic Painting, Add	*33.90*	
		For Half Louvered Door, Add	*16.68*	
		For Full Louvered Door, Add	*27.81*	
		For Oil Based Paint, Add	*14.67*	
		For >5 To 10, Deduct	*-10.12*	
		For >10 To 25, Deduct	*-20.23*	
		For >25, Deduct	*-30.35*	
09 91 23 00-0263	EA	1 Coat Primer, Sprayed, One Face, Paint Interior Metal Door	56.04	
		For Electrostatic Painting, Add	*9.79*	
		For Half Louvered Door, Add	*4.22*	
		For Full Louvered Door, Add	*7.04*	
		For Oil Based Paint, Add	*4.20*	
		For >5 To 10, Deduct	*-2.80*	
		For >10 To 25, Deduct	*-5.60*	
		For >25, Deduct	*-8.41*	
		For Backroll, Add	*5.62*	
09 91 23 00-0264	EA	1 Coat Paint, Sprayed, One Face, Paint Interior Metal Door	56.04	
		For Electrostatic Painting, Add	*9.79*	
		For Half Louvered Door, Add	*4.22*	
		For Full Louvered Door, Add	*7.04*	
		For Oil Based Paint, Add	*4.20*	
		For >5 To 10, Deduct	*-2.80*	
		For >10 To 25, Deduct	*-5.60*	
		For >25, Deduct	*-8.41*	
		For Backroll, Add	*5.62*	
09 91 23 00-0265	EA	2 Coats Paint, Sprayed, One Face, Paint Interior Metal Door	102.97	
		For Electrostatic Painting, Add	*18.61*	
		For Half Louvered Door, Add	*7.13*	
		For Full Louvered Door, Add	*11.89*	
		For Oil Based Paint, Add	*7.92*	
		For >5 To 10, Deduct	*-5.15*	
		For >10 To 25, Deduct	*-10.30*	
		For >25, Deduct	*-15.45*	
		For Backroll, Add	*9.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0266	EA	1 Coat Primer, Sprayed, Both Faces, Paint Interior Metal Door	100.61	
		For Electrostatic Painting, Add	*17.58*	
		For Half Louvered Door, Add	*7.58*	
		For Full Louvered Door, Add	*12.63*	
		For Oil Based Paint, Add	*7.54*	
		For >5 To 10, Deduct	*-5.03*	
		For >10 To 25, Deduct	*-10.06*	
		For >25, Deduct	*-15.09*	
		For Backroll, Add	*10.08*	
09 91 23 00-0267	EA	1 Coat Paint, Sprayed, Both Faces, Paint Interior Metal Door	100.61	
		For Electrostatic Painting, Add	*17.58*	
		For Half Louvered Door, Add	*7.58*	
		For Full Louvered Door, Add	*12.63*	
		For Oil Based Paint, Add	*7.54*	
		For >5 To 10, Deduct	*-5.03*	
		For >10 To 25, Deduct	*-10.06*	
		For >25, Deduct	*-15.09*	
		For Backroll, Add	*10.08*	
09 91 23 00-0268	EA	2 Coats Paint, Sprayed, Both Faces, Paint Interior Metal Door	185.67	
		For Electrostatic Painting, Add	*33.60*	
		For Half Louvered Door, Add	*12.82*	
		For Full Louvered Door, Add	*21.36*	
		For Oil Based Paint, Add	*14.29*	
		For >5 To 10, Deduct	*-9.28*	
		For >10 To 25, Deduct	*-18.57*	
		For >25, Deduct	*-27.85*	
		For Backroll, Add	*17.83*	

09 91 23 00-0269 Paint Interior Wood Doors *(09 91 23 00-0248)*

09 91 23 00-0270	EA	1 Coat Primer, Brush/Roller Work, One Face, Paint Interior Wood Door	53.14	
		For Oil Based Paint, Add	*3.48*	
		For Half Louvered Door, Add	*5.50*	
		For Full Louvered Door, Add	*9.17*	
		For >5 To 10, Deduct	*-2.66*	
		For >10 To 25, Deduct	*-5.31*	
		For >25, Deduct	*-7.97*	
09 91 23 00-0271	EA	1 Coat Paint, Brush/Roller Work, One Face, Paint Interior Wood Door	53.14	
		For Oil Based Paint, Add	*3.48*	
		For Half Louvered Door, Add	*5.50*	
		For Full Louvered Door, Add	*9.17*	
		For >5 To 10, Deduct	*-2.66*	
		For >10 To 25, Deduct	*-5.31*	
		For >25, Deduct	*-7.97*	
09 91 23 00-0272	EA	2 Coats Paint, Brush/Roller Work, One Face, Paint Interior Wood Door	94.67	
		For Oil Based Paint, Add	*6.37*	
		For Half Louvered Door, Add	*9.29*	
		For Full Louvered Door, Add	*15.49*	
		For >5 To 10, Deduct	*-4.73*	
		For >10 To 25, Deduct	*-9.47*	
		For >25, Deduct	*-14.20*	
09 91 23 00-0273	EA	1 Coat Primer, Brush/Roller Work, Both Faces, Paint Interior Wood Door	95.34	
		For Oil Based Paint, Add	*6.25*	
		For Half Louvered Door, Add	*9.86*	
		For Full Louvered Door, Add	*16.44*	
		For >5 To 10, Deduct	*-4.77*	
		For >10 To 25, Deduct	*-9.53*	
		For >25, Deduct	*-14.30*	
09 91 23 00-0274	EA	1 Coat Paint, Brush/Roller Work, Both Faces, Paint Interior Wood Door	95.34	
		For Oil Based Paint, Add	*6.25*	
		For Half Louvered Door, Add	*9.86*	
		For Full Louvered Door, Add	*16.44*	
		For >5 To 10, Deduct	*-4.77*	
		For >10 To 25, Deduct	*-9.53*	
		For >25, Deduct	*-14.30*	
09 91 23 00-0275	EA	2 Coats Paint, Brush/Roller Work, Both Faces, Paint Interior Wood Door	170.42	
		For Oil Based Paint, Add	*11.48*	
		For Half Louvered Door, Add	*16.68*	
		For Full Louvered Door, Add	*27.81*	
		For >5 To 10, Deduct	*-8.52*	
		For >10 To 25, Deduct	*-17.04*	
		For >25, Deduct	*-25.56*	
09 91 23 00-0276	EA	1 Coat Primer, Sprayed, One Face, Paint Interior Wood Door	46.27	
		For Oil Based Paint, Add	*3.22*	
		For Half Louvered Door, Add	*4.22*	
		For Full Louvered Door, Add	*7.04*	
		For Backroll, Add	*5.13*	
		For >5 To 10, Deduct	*-2.31*	
		For >10 To 25, Deduct	*-4.63*	
		For >25, Deduct	*-6.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0277	EA	1 Coat Paint, Sprayed, One Face, Paint Interior Wood Door	46.27	
		For Oil Based Paint, Add	*3.22*	
		For Half Louvered Door, Add	*4.22*	
		For Full Louvered Door, Add	*7.04*	
		For Backroll, Add	*5.13*	
		For >5 To 10, Deduct	*-2.31*	
		For >10 To 25, Deduct	*-4.63*	
		For >25, Deduct	*-6.94*	
09 91 23 00-0278	EA	2 Coats Paint, Sprayed, One Face, Paint Interior Wood Door	83.58	
		For Oil Based Paint, Add	*5.98*	
		For Half Louvered Door, Add	*7.14*	
		For Full Louvered Door, Add	*11.90*	
		For Backroll, Add	*8.94*	
		For >5 To 10, Deduct	*-4.18*	
		For >10 To 25, Deduct	*-8.36*	
		For >25, Deduct	*-12.54*	
09 91 23 00-0279	EA	1 Coat Primer, Sprayed, Both Faces, Paint Interior Wood Door	83.05	
		For Oil Based Paint, Add	*5.78*	
		For Half Louvered Door, Add	*7.58*	
		For Full Louvered Door, Add	*12.63*	
		For Backroll, Add	*9.20*	
		For >5 To 10, Deduct	*-4.15*	
		For >10 To 25, Deduct	*-8.31*	
		For >25, Deduct	*-12.46*	
09 91 23 00-0280	EA	1 Coat Paint, Sprayed, Both Faces, Paint Interior Wood Door	83.05	
		For Oil Based Paint, Add	*5.78*	
		For Half Louvered Door, Add	*7.58*	
		For Full Louvered Door, Add	*12.63*	
		For Backroll, Add	*9.20*	
		For >5 To 10, Deduct	*-4.15*	
		For >10 To 25, Deduct	*-8.31*	
		For >25, Deduct	*-12.46*	
09 91 23 00-0281	EA	2 Coats Paint, Sprayed, Both Faces, Paint Interior Wood Door	150.55	
		For Oil Based Paint, Add	*10.78*	
		For Half Louvered Door, Add	*12.82*	
		For Full Louvered Door, Add	*21.36*	
		For Backroll, Add	*16.07*	
		For >5 To 10, Deduct	*-7.53*	
		For >10 To 25, Deduct	*-15.06*	
		For >25, Deduct	*-22.58*	
09 91 23 00-0282		**Paint Interior Metal Windows** *(09 91 23 00-0248)*		
		Note: Two finish coats paint over rust inhibitive primer.		
09 91 23 00-0283	EA	Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	99.03	
		For Oil Based Paint, Add	*5.79*	
		For Electrostatic Painting, Add	*12.43*	
		For >5 To 10, Deduct	*-4.95*	
		For >10 To 25, Deduct	*-9.90*	
		For >25, Deduct	*-14.85*	
09 91 23 00-0284	EA	>8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	120.84	
		For Oil Based Paint, Add	*7.34*	
		For Electrostatic Painting, Add	*15.99*	
		For >5 To 10, Deduct	*-6.04*	
		For >10 To 25, Deduct	*-12.08*	
		For >25, Deduct	*-18.13*	
09 91 23 00-0285	EA	>14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	163.40	
		For Oil Based Paint, Add	*10.02*	
		For Electrostatic Painting, Add	*21.88*	
		For >5 To 10, Deduct	*-8.17*	
		For >10 To 25, Deduct	*-16.34*	
		For >25, Deduct	*-24.51*	
09 91 23 00-0286	EA	>20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	184.03	
		For Oil Based Paint, Add	*11.29*	
		For Electrostatic Painting, Add	*24.67*	
		For >5 To 10, Deduct	*-9.20*	
		For >10 To 25, Deduct	*-18.40*	
		For >25, Deduct	*-27.60*	
09 91 23 00-0287	EA	>26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	203.99	
		For Oil Based Paint, Add	*12.50*	
		For Electrostatic Painting, Add	*27.29*	
		For >5 To 10, Deduct	*-10.20*	
		For >10 To 25, Deduct	*-20.40*	
		For >25, Deduct	*-30.60*	
09 91 23 00-0288	SF	>34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	6.48	
		For Oil Based Paint, Add	*0.40*	
		For Electrostatic Painting, Add	*0.87*	
09 91 23 00-0289		**Paint Interior Wood Windows** *(09 91 23 00-0248)*		
		Note: Two finish coats paint over primer.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0290	EA	Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	93.14	
		For Oil Based Paint, Add	*5.20*	
		For >5 To 10, Deduct	*-4.66*	
		For >10 To 25, Deduct	*-9.31*	
		For >25, Deduct	*-13.97*	
09 91 23 00-0291	EA	>8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	111.73	
		For Oil Based Paint, Add	*6.43*	
		For >5 To 10, Deduct	*-5.59*	
		For >10 To 25, Deduct	*-11.17*	
		For >25, Deduct	*-16.76*	
09 91 23 00-0292	EA	>14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	159.74	
		For Oil Based Paint, Add	*9.19*	
		For >5 To 10, Deduct	*-7.99*	
		For >10 To 25, Deduct	*-15.97*	
		For >25, Deduct	*-23.96*	
09 91 23 00-0293	EA	>20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	179.85	
		For Oil Based Paint, Add	*10.35*	
		For >5 To 10, Deduct	*-8.99*	
		For >10 To 25, Deduct	*-17.99*	
		For >25, Deduct	*-26.98*	
09 91 23 00-0294	EA	>26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	187.90	
		For Oil Based Paint, Add	*10.89*	
		For >5 To 10, Deduct	*-9.40*	
		For >10 To 25, Deduct	*-18.79*	
		For >25, Deduct	*-28.19*	
09 91 23 00-0295	SF	>34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	6.28	
		For Oil Based Paint, Add	*0.36*	

09 91 23 00-0296 Paint Interior Security Screens *(09 91 23 00-0248)*

09 91 23 00-0297	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Security Screen	1.60	
		For Oil Based Paint, Add	*0.10*	
		For Electrostatic Painting, Add	*0.22*	
09 91 23 00-0298	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Security Screen	1.62	
		For Oil Based Paint, Add	*0.09*	
		For Electrostatic Painting, Add	*0.20*	
09 91 23 00-0299	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Security Screen	2.68	
		For Oil Based Paint, Add	*0.16*	
		For Electrostatic Painting, Add	*0.34*	

09 91 23 00-0300 Paint Interior Window Guards *(09 91 23 00-0248)*

09 91 23 00-0301	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Metal Window Guards	1.60	
		For Oil Based Paint, Add	*0.10*	
09 91 23 00-0302	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Metal Window Guards	1.62	
		For Oil Based Paint, Add	*0.09*	
09 91 23 00-0303	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Metal Window Guards	2.68	
		For Oil Based Paint, Add	*0.16*	

09 91 23 00-0304 Paint Interior Window Trim *(09 91 23 00-0248)*

09 91 23 00-0305	LF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Window Frame And Trim	1.50	
		For Oil Based Paint, Add	*0.09*	
		For Painting One Face Of Frame Only, Deduct	*-0.42*	
09 91 23 00-0306	LF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Window Frame And Trim	1.50	
		For Oil Based Paint, Add	*0.09*	
		For Painting One Face Of Frame Only, Deduct	*-0.42*	
09 91 23 00-0307	LF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Window Frame And Trim	3.27	
		For Oil Based Paint, Add	*0.20*	
		For Painting One Face Of Frame Only, Deduct	*-0.91*	
09 91 23 00-0308	LF	1 Coat Primer, Brush/Roller Work, Paint Interior Metal Window Frame And Trim Note: Brush/roller work.	1.75	
		For Painting One Face Of Frame Only, Deduct	*-0.52*	
09 91 23 00-0309	LF	1 Coat Paint, Brush/Roller Work, Paint Interior Metal Window Frame And Trim Note: Brush/roller work.	1.75	
		For Painting One Face Of Frame Only, Deduct	*-0.52*	
09 91 23 00-0310	LF	2 Coats Paint, Brush/Roller Work, Paint Interior Metal Window Frame And Trim Note: Brush/roller work.	3.76	
		For Painting One Face Of Frame Only, Deduct	*-1.11*	

09 91 23 00-0311 Paint Interior Cabinets And Casework *(09 91 23)*

09 91 23 00-0312 Paint Interior Wood Cabinets And Casework *(09 91 23 00-0311)*

09 91 23 00-0313	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Cabinets And Casework	1.35	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0314	SF	1 Coat Enamel Primer And 1 Coat Alkyd Or Latex Paint, Brush/Roller Work, Paint Interior Wood Cabinets And Casework	1.86	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.28*	
09 91 23 00-0315	SF	1 Coat Enamel Primer And 2 Coats Alkyd Or Latex Paint, Brush/Roller Work, Paint Interior Wood Cabinets And Casework	3.02	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.45*	
09 91 23 00-0316		**Paint Exposed Metal Lockers And Cabinets** *(09 91 23 00-0311)*		
09 91 23 00-0317	SF	1 Coat Primer, Brush/Roller Work, Paint Exposed Metal Locker	1.49	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0318	SF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exposed Metal Locker	1.49	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0319	SF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exposed Metal Locker	2.76	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.41*	
09 91 23 00-0320		**Paint Interior Stairs** *(09 91 23)*		
09 91 23 00-0321		**Paint Interior Concrete Stairs** *(09 91 23 00-0320)*		
		Note: Includes the riser and tread.		
09 91 23 00-0322	RSR	1 Coat Primer, Brush/Roller Work, Paint Up To 4' Wide Interior Concrete Stair	19.34	
09 91 23 00-0323	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Up To 4' Wide Interior Concrete Stair	19.34	
09 91 23 00-0324	RSR	1 Coat Non-Slip Paint, Brush/Roller Work, Paint Up To 4' Wide Interior Concrete Stair Note: Excludes riser.	16.52	
09 91 23 00-0325	RSR	1 Coat Non-Slip Epoxy Paint, Brush/Roller Work, Paint Up To 4' Wide Interior Concrete Stair Note: Excludes riser.	34.94	
09 91 23 00-0326	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Up To 4' Wide Interior Concrete Stair	38.67	
09 91 23 00-0327		**Paint Interior Metal Stairs** *(09 91 23 00-0320)*		
		Note: Includes the riser and tread.		
09 91 23 00-0328	RSR	1 Coat Primer, Brush/Roller Work, Paint Up To 4' Wide Interior Metal Stair	10.69	
09 91 23 00-0329	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Up To 4' Wide Interior Metal Stair	10.29	
09 91 23 00-0330	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Up To 4' Wide Interior Metal Stair	20.58	
09 91 23 00-0331		**Paint Interior Wood Stairs** *(09 91 23 00-0320)*		
		Note: Includes the riser and tread.		
09 91 23 00-0332	RSR	1 Coat Primer, Brush/Roller Work, Paint Up To 4' Wide Interior Wood Stair	9.97	
09 91 23 00-0333	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Up To 4' Wide Interior Wood Stair	9.97	
09 91 23 00-0334	RSR	1 Coat Non-Slip Paint, Brush/Roller Work, Paint Up To 4' Wide Interior Wood Stair Note: Excludes riser.	11.82	
09 91 23 00-0335	RSR	1 Coat Non-Slip Epoxy Paint, Brush/Roller Work, Paint Up To 4' Wide Interior Wood Stair Note: Excludes riser.	30.24	
09 91 23 00-0336	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Up To 4' Wide Interior Wood Stair	19.92	
09 91 23 00-0337		**Paint Interior Stair Nosing** *(09 91 23 00-0320)*		
09 91 23 00-0338	LF	1 Coat Paint, Up To 2", Non-Slip, Brush Work, Paint Interior Yellow Stair Safety Strip	1.67	
09 91 23 00-0339		**Paint Interior Trim** *(09 91 23)*		
09 91 23 00-0340		**Paint Interior Metal Trim** *(09 91 23 00-0339)*		
09 91 23 00-0341	SF	1 Coat Primer, Brush Work, Paint Interior Exposed Metal Trim	1.34	
		For Work >15' To 20' Above Floor, Add *Note: Applied only to work area above 15' to 20'.*	*0.17*	
		For Work >20' To 30' Above Floor, Add *Note: Applied only to work area above 20' to 30'.*	*0.28*	
		For Work >30' To 40' Above Floor, Add *Note: Applied only to work area above 30' to 40'.*	*0.44*	
		For Work >40' Above Floor, Add *Note: Applied only to work area above 40'.*	*0.61*	
09 91 23 00-0342	SF	1 Coat Paint, Brush Work, Paint Interior Exposed Metal Trim	1.46	
		For Work >15' To 20' Above Floor, Add *Note: Applied only to work area above 15' to 20'.*	*0.18*	
		For Work >20' To 30' Above Floor, Add *Note: Applied only to work area above 20' to 30'.*	*0.31*	
		For Work >30' To 40' Above Floor, Add *Note: Applied only to work area above 30' to 40'.*	*0.49*	
		For Work >40' Above Floor, Add *Note: Applied only to work area above 40'.*	*0.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0343	SF	2 Coats Paint, Brush Work, Paint Interior Exposed Metal Trim	2.64	
		For Work >15' To 20' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.86*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.19*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0344	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Exposed Metal Trim	1.12	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0345	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Exposed Metal Trim	1.22	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0346	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Exposed Metal Trim	2.21	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.69*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.95*	
		Note: Applied only to work area above 40'.		

09 91 23 00-0347 Paint Interior Wood Trim *(09 91 23 00-0339)*

09 91 23 00-0348	LF	1 Coat Primer, Brush Work, Paint Interior Wood Trim To 6" Wide	0.83	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0349	LF	1 Coat Paint, Brush Work, Paint Interior Wood Trim To 6" Wide	0.92	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0350	LF	2 Coats Paint, Brush Work, Paint Interior Wood Trim To 6" Wide	1.92	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.72*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.99*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0351	SF	1 Coat Primer, Brush Work, Paint Interior Wood Trim	2.56	
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.90*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.24*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0352	SF	1 Coat Paint, Brush Work, Paint Interior Wood Trim	2.85	
		For Oil Based Paint, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.63*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*1.00*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.38*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0353	SF	2 Coats Paint, Brush Work, Paint Interior Wood Trim	5.17	
		For Oil Based Paint, Add	*0.29*	
		For Work >15' To 20' Above Floor, Add	*0.67*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*1.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*1.79*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*2.46*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0354	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Trim	2.10	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.72*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.98*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0355	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Trim	2.36	
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.80*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.11*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0356	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Trim	4.25	
		For Oil Based Paint, Add	*0.25*	
		For Work >15' To 20' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.89*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*1.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.95*	
		Note: Applied only to work area above 40'.		

09 91 23 00-0357 Paint Interior Metal Surfaces *(09 91 23)*

09 91 23 00-0358 Paint Interior Miscellaneous Metal Surfaces *(09 91 23 00-0357)*

09 91 23 00-0359	SF	1 Coat Alkyd Anticorrosive Metal Primer, Brush/Roller Work, Paint Interior Miscellaneous Metal Surfaces	0.92	
		For Electrostatic Painting, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0360	SF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Miscellaneous Metal Surfaces	1.11	
		For Electrostatic Painting, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0361	SF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Miscellaneous Metal Surfaces	1.92	
		For Electrostatic Painting, Add	*0.26*	
		For Work >15' To 20' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.60*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.82*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.18*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.38*	
09 91 23 00-0362	SF	1 Coat Alkyd Anticorrosive Metal Primer, Sprayed, Paint Interior Miscellaneous Metal Surfaces	1.27	
		For Electrostatic Painting, Add	*0.17*	
		For Backroll, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.55*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 23 00-0363	SF	1 Coat Alkyd Enamel Paint, Sprayed, Paint Interior Miscellaneous Metal Surfaces	1.27	
		For Electrostatic Painting, Add	*0.17*	
		For Backroll, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.55*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 23 00-0364	SF	2 Coats Alkyd Enamel Paint, Sprayed, Paint Interior Miscellaneous Metal Surfaces	2.07	
		For Electrostatic Painting, Add	*0.29*	
		For Backroll, Add	*0.26*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.85*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.24*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0365	LF	1 Coat Alkyd Enamel, Cut-in Brush Work, Paint Interior Miscellaneous Exposed Metal	0.18	
		For Electrostatic Painting, Add	*0.02*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.11*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	
09 91 23 00-0366		**Paint Additives** *(09 91 23)*		
09 91 23 00-0367	SF	Mildewcide/Mold Killing Paint Additive Per Each Coat	0.02	
09 91 23 00-0368	SF	Class "B" Fire Rating, Fire Resistant Paint Additive	0.08	
		For Class "A" Fire Rating, Add	*0.08*	
09 91 23 00-0369		**Hand Painting Letters/Numbers** *(09 91 23)*		
		Note: Painting on walls, floors, poles, signs, etc.		
09 91 23 00-0370	EA	Up To 1" High, Hand Paint, Per Letter/Number	2.59	
09 91 23 00-0371	EA	1" To 2" High, Hand Paint, Per Letter/Number	3.01	
09 91 23 00-0372	EA	2" To 3" High, Hand Paint, Per Letter/Number	4.56	
09 91 23 00-0373	EA	3" To 4" High, Hand Paint, Per Letter/Number	5.57	
09 91 23 00-0374	EA	4" To 6" High, Hand Paint, Per Letter/Number	7.68	
09 91 23 00-0375	EA	6" To 12" High, Hand Paint, Per Letter/Number	9.73	
09 91 23 00-0376	EA	Over 12" High, Hand Paint, Per Letter/Number	11.41	
09 91 23 00-0377		**Glove/Mitt Application** *(09 91 23)*		
09 91 23 00-0378		**Conduit/Pipe** *(09 91 23 00-0377)*		
09 91 23 00-0379	CSF	Acid Wash (Muriatic Acid) Conduit Or Pipe With Glove/Mitt	48.80	
		For Work >15' To 20' Above Floor, Add	*6.83*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*11.38*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*18.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*25.04*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0380	CSF	Metal Primer Conduit Or Pipe With Glove/Mitt	81.11	
		For Work >15' To 20' Above Floor, Add	*8.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*13.66*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*21.85*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*30.04*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0381	CSF	Enamel Paint, Oil Base Paint, First Coat Conduit Or Pipe With Glove/Mitt	63.91	
		For Work >15' To 20' Above Floor, Add	*6.01*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*10.01*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*16.02*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*22.03*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0382	CSF	Enamel Paint, Oil Base Paint, Second Coat Conduit Or Pipe With Glove/Mitt	52.39	
		For Work >15' To 20' Above Floor, Add	*4.51*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*7.51*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*12.02*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*16.53*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0383	CSF	Epoxy Paint, First Coat Conduit Or Pipe With Glove/Mitt	99.40	
		For Work >15' To 20' Above Floor, Add	*6.83*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*11.38*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*18.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*25.04*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0384	CSF	Epoxy Paint, Second Coat Conduit Or Pipe With Glove/Mitt	91.70	
		For Work >15' To 20' Above Floor, Add	*6.01*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*10.01*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*16.02*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*22.03*	
		Note: Applied only to work area above 40'.		

09 91 23 00-0385 Ductwork *(09 91 23 00-0377)*

09 91 23 00-0386	CSF	Acid Wash (Muriatic Acid) Ductwork With Glove/Mitt	48.80	
		For Work >15' To 20' Above Floor, Add	*6.83*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*11.38*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*18.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*25.04*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0387	CSF	Metal Primer Ductwork With Glove/Mitt	78.44	
		For Work >15' To 20' Above Floor, Add	*6.83*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*11.38*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*18.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*25.04*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0388	CSF	Enamel Paint, Oil Base Paint Ductwork With Glove/Mitt	58.07	
		For Work >15' To 20' Above Floor, Add	*5.46*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*9.10*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*14.56*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*20.03*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0389	CSF	Epoxy Paint, First Coat Ductwork With Glove/Mitt	95.53	
		For Work >15' To 20' Above Floor, Add	*6.83*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*11.38*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*18.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*25.04*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0390	CSF	Epoxy Paint, Second Coat Ductwork With Glove/Mitt	83.29	
		For Work >15' To 20' Above Floor, Add	*5.46*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*9.10*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*14.56*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*20.03*	
		Note: Applied only to work area above 40'.		

09 91 33 Painting Materials *(09 91)*

Note: Paint per gallon for owners to obtain extra paint. Not to be used in conjunction with other painting tasks.

09 91 33 00-0001 Primer *(09 91 33)*

09 91 33 00-0002	GAL	Alkyd Primer/Sealer, Interior, 500 SF Per Gallon	62.70
09 91 33 00-0003	GAL	Alkyd Wood Primer, Exterior, 400 SF Per Gallon	39.95
09 91 33 00-0004	GAL	Prime Coat Oil Wood Primer, 310 SF Per Gallon	50.66
09 91 33 00-0005	GAL	Catalyzed Epoxy Primer, Two Component Type, 425 SF Per Gallon	143.49
09 91 33 00-0006	EA	Cement Base Primer, 25 Lb. Sack	41.78
09 91 33 00-0007	GAL	Alkali Resistant Concrete And Masonry Primer, Exterior, 225 SF Per Gallon	64.41
09 91 33 00-0008	GAL	Alkali Resistant Concrete And Masonry Primer, Interior, 225 SF Per Gallon	51.70
09 91 33 00-0009	GAL	Acrylic Latex Primer, Flat Exterior, Fast Drying Wood Undercoat And Back Primer, 400 SF per Gallon	39.95
09 91 33 00-0010	GAL	Acrylic (Vinyl Acrylic) Block Filler, 50 SF Per Gallon	36.30
09 91 33 00-0011	GAL	Acrylic (Vinyl Acrylic) Rust Inhibiting Metal, Primer - 500 SF Per Gallon: Paint - 260 SF Per Gallon	63.97
09 91 33 00-0012	GAL	Acrylic Heavy-Duty Wall Primer/Sealer, Low Odor Type, Alkali-Resistant, 800 SF Per Gallon	53.27
09 91 33 00-0013	GAL	Acrylic (Vinyl Acrylic) Undercoat, All Purpose, Interior/Exterior, 500 SF Per Gallon	53.27
09 91 33 00-0014	GAL	Latex Wood Primer, Exterior, 300 SF Per Gallon	60.06
09 91 33 00-0015	GAL	Linseed (Oil Base) Primer, Exterior/Interior, 300 SF Per Gallon	39.17
09 91 33 00-0016	GAL	Red Alkyd Primer, 500 SF Per Gallon	107.32
09 91 33 00-0017	GAL	Wood Sealer/Primer, Interior, Clear, 600 SF Per Gallon	41.78
09 91 33 00-0018	GAL	Zinc Chromate Primer, 300 SF Per Gallon	33.42
09 91 33 00-0019	GAL	Zinc Dust/Zinc Oxide Primer, 300 SF Per Gallon	86.43
09 91 33 00-0020	GAL	Stain Killer, Alcohol Base	53.89
09 91 33 00-0021	GAL	Sealer, Primer Kilz, 400 SF Per Gallon	60.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 91 33 00-0022 Paint *(09 91 33)*

09 91 33 00-0023	GAL	Aluminum Fiber Roof Coat On Composition Roof, 50 SF Per Gallon	29.24
09 91 33 00-0024	GAL	Acrylic Urethane Sealer	145.01
09 91 33 00-0025	GAL	Asphalt-Fiber Roof And Foundation Coating, Solvent Type Note: 75 SF per gallon on roof or concrete, 100 SF per gallon on metal.	15.67
09 91 33 00-0026	GAL	Concrete Enamel Epoxy, 350 SF Per Gallon	90.61
09 91 33 00-0027	GAL	Concrete Acrylic Sealer, 400 SF Per Gallon	47.52
09 91 33 00-0028	GAL	Tar Emulsion, Driveway Coating, 120 SF Per Gallon	20.81
09 91 33 00-0029	GAL	Acrylic Latex, Driveway Coating, 250 SF Per Gallon	31.56
09 91 33 00-0030	GAL	Exterior, Oil Base, Gloss Enamel, 400 SF Per Gallon	86.07
09 91 33 00-0031	GAL	Exterior, Oil Base, Gloss, 400 SF Per Gallon	84.97
09 91 33 00-0032	GAL	Exterior, Oil Base, Semi-Gloss, 400 SF Per Gallon	69.36
09 91 33 00-0033	GAL	Exterior, Flat, Oil Base	63.58
09 91 33 00-0034	GAL	Exterior, Latex, Semi-Gloss, 400 SF Per Gallon	60.34
09 91 33 00-0035	GAL	Exterior, Flat Latex, Trim Paint, 500 SF Per Gallon	71.10
09 91 33 00-0036	GAL	Exterior, Latex Flat Paint, 300 SF Per Gallon	63.12
09 91 33 00-0037	GAL	Exterior, Water Base, Latex Gloss Enamel	89.85
09 91 33 00-0038	GAL	Cold Galvanizing Paint	372.72
09 91 33 00-0039	GAL	High Heat Paint	151.93
09 91 33 00-0040	GAL	Heat Resistant Paint	101.29
09 91 33 00-0041	GAL	Zinc Chromate Paint	91.64
09 91 33 00-0042	QT	Anti-Rust Enamel, 500 SF Per Quart	36.17
09 91 33 00-0043	GAL	Rust Inhibitor, Ferrous Metal	101.29
09 91 33 00-0044	GAL	Masonry Waterproofing, 100 SF Per Gallon	63.12
09 91 33 00-0045	GAL	Alkyd Latex, Black	75.16
09 91 33 00-0046	GAL	Alkyd Latex, White	68.33
09 91 33 00-0047	GAL	Alkyd Latex, Colors	82.40
09 91 33 00-0048	QT	Wrought Iron Paint, Black	92.45
09 91 33 00-0049	GAL	Vinyl Paint	79.90
09 91 33 00-0050	GAL	Silicone Alkyd	97.13
09 91 33 00-0051	GAL	2 Component Solvent Based Acrylic Epoxy	98.70
09 91 33 00-0052	GAL	2 Component Solvent Based Polyester Epoxy	123.77
09 91 33 00-0053	GAL	Chlorinated Rubber	90.87
09 91 33 00-0054	GAL	Polyamide Epoxy Sealer	94.00
09 91 33 00-0055	GAL	Coal Tar Epoxy	67.37
09 91 33 00-0056	GAL	Swimming Pool Enamel, 350 SF Per Gallon	84.08
09 91 33 00-0057	GAL	Swimming Pool Epoxy Or Urethane Base	109.67
09 91 33 00-0058	GAL	Swimming Pool Rubber Base	75.20
09 91 33 00-0059	GAL	Interior, Latex Flat Paint, 300 SF Per Gallon	47.78
09 91 33 00-0060	GAL	Interior, Latex Eggshell Or Semi-Gloss Enamel, 300 SF Per Gallon	58.88
09 91 33 00-0061	GAL	Interior, Fire-Retardant Flat Paint, 200 SF Per Gallon	97.92
09 91 33 00-0062	GAL	Interior, Ceiling White Latex Flat, 350 SF Per Gallon	33.16
09 91 33 00-0063	GAL	Linseed Oil	28.98
09 91 33 00-0064	GAL	Latex Floor Paint, 300 SF Per Gallon	47.52
09 91 33 00-0065	GAL	Acrylic Floor Paint, 400 SF Per Gallon	53.53
09 91 33 00-0066	GAL	Textured Paint, Sand Texture Latex, Armor Coat, 100 SF Per Gallon	48.96
09 91 33 00-0067	GAL	Acoustic Spray-On Texture, Finish	39.34

09 91 33 00-0068 Stain, Varnish *(09 91 33)*

09 91 33 00-0069	GAL	Thompson Water Sealer, 150 SF Per Gallon	27.16
09 91 33 00-0070	GAL	Latex Redwood Stain, Water Base, 300 SF Per Gallon	50.66
09 91 33 00-0071	GAL	Redwood Oil Stain, 300 SF Per Gallon	45.17
09 91 33 00-0072	GAL	Varnish, Clear	47.42
09 91 33 00-0073	GAL	Penetrating Water-Repellent Stain	34.44
09 91 33 00-0074	GAL	Redwood Hue Or Clear Stain	30.78
09 91 33 00-0075	GAL	Polyurethane	54.04
09 91 33 00-0076	GAL	Lacquer, Semi-Gloss	47.66
09 91 33 00-0077	GAL	Shellac, Clear	62.53
09 91 33 00-0078	GAL	Acetone	20.63
09 91 33 00-0079	GAL	Paint Thinner	5.09
09 91 33 00-0080	GAL	Shellac Or Lacquer Thinner	20.89
09 91 33 00-0081	GAL	Turpentine	28.72
09 91 33 00-0082	GAL	Wood Filler Paste	49.09
09 91 33 00-0083	GAL	Wood Preservative, Pentachlorophenol, General Purpose, 40%, 150 SF Per Gallon	39.17
09 91 33 00-0084	GAL	Water Based Alkyd Urethane (Sherwin Williams B53W01153)	109.22

09 91 43 Surface Preparation *(09 91)*

See CSI section 09 01 90 52-0000 for preparation on painted or unpainted surfaces.

09 93 Staining and Transparent Finishing *(09 90)*

Note: Includes light sanding or screening between coats.

09 93 23 Interior Staining and Finishing *(09 93)*

Note: VOC compliant in all regulated areas, review specifications for levels.

09 93 23 13 Interior Staining *(09 93 23)*

09 93 23 13-0001 Stain Wood Trim *(09 93 23 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 93 23 13-0002	LF	Stain Wood Trim, Up To 6" Wide, 1 Coat Stain, With Brush And Wipe Off	1.23	
		For Up To 100, Add	*0.87*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >4,000, Deduct	*-0.06*	
09 93 23 13-0003	SF	Stain Wood Trim, 1 Coat Stain, With Brush And Wipe Off	1.83	
		For Up To 100, Add	*1.28*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
		For >4,000, Deduct	*-0.09*	
09 93 23 13-0004		**Stain Wood Floor** *(09 93 23 13)*		
09 93 23 13-0005	SF	Stain Or Varnish Wood Floor, 1 Coat Stain, Brush Work	0.60	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >4,000, Deduct	*-0.03*	
09 93 23 13-0006	SF	Stain Or Varnish Wood Floor, 1 Coat Stain, Brush/Roller Work	0.46	
		For Up To 100, Add	*0.25*	
		For >100 To 250, Add	*0.12*	
		For >250 To 500, Add	*0.05*	
		For >4,000, Deduct	*-0.02*	
09 93 23 13-0007		**Stain Wood Door And Window** *(09 93 23 13)*		
09 93 23 13-0008	EA	Stain Wood Door, 1 Coat Stain With Brush And Wipe Off Wood Door (Per Face)	58.86	
		For Up To 4, Add	*42.70*	
		For >4 To 10, Add	*20.00*	
		For >10 To 20, Add	*8.59*	
		For >160, Deduct	*-2.94*	
09 93 23 13-0009	EA	Stain Wood Window, 1 Coat Stain With Brush And Wipe Off Wood Window And Frame (Per Face)	42.22	
		For Up To 4, Add	*29.54*	
		For >4 To 10, Add	*13.89*	
		For >10 To 20, Add	*5.98*	
		For >160, Deduct	*-2.11*	
09 93 23 13-0010		**Stain Wood Cabinet** *(09 93 23 13)*		
09 93 23 13-0011	SF	Stain Cabinet, 1 Coat Stain With Brush And Wipe	1.48	
09 93 23 53		**Interior Finishing** *(09 93 23)*		
09 93 23 53-0001		**Concrete Finishes** *(09 93 23 53)*		
09 93 23 53-0002	SF	Finish Concrete Floor, 1 Coat Polyurethane	0.91	
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >4,000, Deduct	*-0.05*	
09 93 23 53-0003		**Wood Trim Finishes** *(09 93 23 53)*		
09 93 23 53-0004	SF	Finish Wood Trim, 1 Coat Sealer And 1 Coat Varnish Or Polyurethane	1.52	
		For Up To 100, Add	*0.99*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
		For >4,000, Deduct	*-0.08*	
09 93 23 53-0005	SF	Finish Wood Trim, 1 Coat Varnish Or Polyurethane	0.99	
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >4,000, Deduct	*-0.05*	
09 93 23 53-0006		**Wood Floor Finishes** *(09 93 23 53)*		
09 93 23 53-0007	SF	Refinish Wood Floor, 2 Coats Polyurethane Note: Includes sanding existing floor.	3.29	
		For Up To 100, Add	*2.31*	
		For >100 To 250, Add	*1.08*	
		For >250 To 500, Add	*0.47*	
		For >4,000, Deduct	*-0.16*	
09 93 23 53-0008	SF	Polyurethane Wood Floor, 1 Coat Polyurethane, With Wool Applicator Or Brush Work Note: Includes screening between coats.	0.77	
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >4,000, Deduct	*-0.04*	
09 93 23 53-0009	SF	Refinish Wood Floor, 1 Coat Sealer And 2 Coats Polyurethane Note: Includes sanding existing floor.	3.73	
		For Up To 100, Add	*2.59*	
		For >100 To 250, Add	*1.22*	
		For >250 To 500, Add	*0.53*	
		For >4,000, Deduct	*-0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 93 23 53-0010 Wood Door And Window Finishes *(09 93 23 53)*
See CSI section 08 14 16 00-0627 for factory finish.

09 93 23 53-0011	EA	Varnish Or Polyurethane Wood Door, 1 Coat Shellac (Per Face)	42.54	
		For Up To 4, Add	*30.77*	
		For >4 To 10, Add	*14.41*	
		For >10 To 20, Add	*6.19*	
		For >160, Deduct	*-2.13*	
09 93 23 53-0012	EA	Varnish Or Polyurethane Wood Door, 3 Coats Shellac, With Light Sanding Between Coats (Per Face)	129.54	
		For Up To 4, Add	*91.91*	
		For >4 To 10, Add	*43.15*	
		For >10 To 20, Add	*18.56*	
		For >160, Deduct	*-6.48*	

09 93 23 53-0013 Cabinet Finishes *(09 93 23 53)*

09 93 23 53-0014	SF	Finish Cabinet, 1 Coat Shellac, Varnish Or Polyurethane	1.49

09 93 23 53-0015 Gym, Stage And Dance Floor Finishes *(09 93 23 53)*

09 93 23 53-0016	SF	Yearly Maintenance Refinish Of Gym, Stage Or Dance Floor Note: Includes screening, one coat of finish and buffing. Excludes repainting of game lines.	0.92	
09 93 23 53-0017	SF	Finish New Elementary School Wood Gym, Stage Or Dance Floor Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	4.03	
		For Stage Or Dance Floors, Deduct	*-0.08*	
09 93 23 53-0018	SF	Finish New Middle Or Junior School Wood Gym, Stage Or Dance Floor Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	4.12	
		For Stage Or Dance Floors, Deduct	*-0.08*	
09 93 23 53-0019	SF	Finish New High School Wood Gym, Stage Or Dance Floor Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	4.21	
		For Stage Or Dance Floors, Deduct	*-0.08*	
09 93 23 53-0020	SF	Refinish Existing Elementary School Wood Gym, Stage Or Dance Floor Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	4.03	
		For Stage Or Dance Floors, Deduct	*-0.08*	
09 93 23 53-0021	SF	Refinish Existing Middle Or Junior School Wood Gym, Stage Or Dance Floor Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	4.12	
		For Stage Or Dance Floors, Deduct	*-0.08*	
09 93 23 53-0022	SF	Refinish Existing High School Wood Gym, Stage Or Dance Floor Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	4.21	
		For Stage Or Dance Floors, Deduct	*-0.08*	

09 96 High-Performance Coatings *(09 90)*

09 96 23 Graffiti-Resistant Coatings *(09 96)*

09 96 23 00-0001 Anti-Graffiti Coating *(09 96 23)*

09 96 23 00-0002	SF	Sacrificial Anti-Graffiti Coating, Per Coat	1.56	
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
09 96 23 00-0003	SF	Permanent (Non-Sacrificial) Anti-Graffiti Coating, Per Coat	1.67	
		For Up To 100, Add	*0.93*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	

09 96 53 Elastomeric Coatings *(09 96)*

09 96 53 00-0001 Elastomeric *(09 96 53)*
Note: Per coat.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 96 53 00-0002	SF	1 Coat, 5.3 To 8 Wet Mils, Brush Work, Elastomeric Primer Applied To Walls And Floors	0.94	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 96 53 00-0003	SF	1 Coat, 5.3 To 8 Wet Mils, Brush/Roller Work, Elastomeric Primer Applied To Walls And Floors	0.80	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 96 53 00-0004	SF	1 Coat, 5.3 To 8 Wet Mils, Sprayed, Elastomeric Primer Applied To Walls And Floors	0.72	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 96 53 00-0005	SF	1 Coat, 13 To 16 Wet Mils, Brush Work, Elastomeric Paint Applied To Walls And Floors	2.08	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.83*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.42*	
09 96 53 00-0006	SF	1 Coat, 13 To 16 Wet Mils, Brush/Roller Work, Elastomeric Paint Applied To Walls And Floors	1.94	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 96 53 00-0007	SF	1 Coat, 13 To 16 Wet Mils, Sprayed, Elastomeric Paint Applied To Walls And Floors	2.19	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.44*	
09 96 53 00-0008	SF	1 Coat, 5.3 To 8 Wet Mils, Brush Work, Elastomeric Primer Applied To Ceilings And Overhead	1.06	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 96 53 00-0009	SF	1 Coat, 5.3 To 8 Wet Mils, Brush/Roller Work, Elastomeric Primer Applied To Ceilings And Overhead	0.90	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 96 53 00-0010	SF	1 Coat, 5.3 To 8 Wet Mils, Sprayed, Elastomeric Primer Applied To Ceilings And Overhead	0.79	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 96 53 00-0011	SF	1 Coat, 13 To 16 Wet Mils, Brush Work, Elastomeric Paint Applied To Ceilings And Overhead	2.22	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.94*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 96 53 00-0012	SF	1 Coat, 13 To 16 Wet Mils, Brush/Roller Work, Elastomeric Paint Applied To Ceilings And Overhead	2.06	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.41*	
09 96 53 00-0013	SF	1 Coat, 13 To 16 Wet Mils, Sprayed, Elastomeric Paint Applied To Ceilings And Overhead	2.29	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.34*	
		For >20,000, Deduct	*-0.46*	

09 97 Special Coatings *(09 90)*

09 97 35 Dry Erase Coatings *(09 97)*

09 97 35 00-0001 Dry-Erase Paint *(09 97 35)*

09 97 35 00-0002 Dry-Erase Paint (IdeaPaint™ PRO) *(09 97 35 00-0001)*

09 97 35 00-0003	SF	Dry-Erase Paint (IdeaPaint™ PRO), Applied With Roller	13.12
		Note: Includes two coats of primer and white, white sand, light beige or light gray surface.	

09 97 35 00-0004 Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE) *(09 97 35 00-0001)*

09 97 35 00-0005	SF	Clear, Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE), Applied With Roller	7.31
		Note: For application over existing latex-based top coats.	
09 97 35 00-0006	SF	Black Or White, Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE), Applied With Roller	14.06
		Note: Includes two coats of primer and white or black surface coat.	

END OF SECTION 09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 Specialties

10 01 Operation and Maintenance of Specialties *(10)*

10 01 30 Operation and Maintenance of Fireplaces and Stoves *(10 01)*

10 01 30 00-0001 Fireplace Cleaning *(10 01 30)*

10 01 30 00-0002	EA	Inspect And Clean Fireplace Insert	261.54
10 01 30 00-0003	EA	Inspect And Clean Fireplace Insert And Chimney	313.84
10 01 30 00-0004	EA	Inspect And Clean Fireplace Brick/Masonry Chimney	418.45

10 01 40 Operation and Maintenance of Safety Specialties *(10 01)*

10 01 40 00-0001 Recharge Existing Portable Fire Extinguishers *(10 01 40)*

Note: Includes removal, filling, testing, certification and reinstallation.

10 01 40 00-0002 Recharge Carbon Dioxide, Class BC Portable Fire Extinguishers *(10 01 40 00-0001)*

10 01 40 00-0003	EA	Recharge 2.5 Lb. Carbon Dioxide Portable Fire Extinguisher	18.96
10 01 40 00-0004	EA	Recharge 5 Lb. Carbon Dioxide Portable Fire Extinguisher	21.07
10 01 40 00-0005	EA	Recharge 10 Lb. Carbon Dioxide Portable Fire Extinguisher	21.91
10 01 40 00-0006	EA	Recharge 15 Lb. Carbon Dioxide Portable Fire Extinguisher	24.80
10 01 40 00-0007	EA	Recharge 20 Lb. Carbon Dioxide Portable Fire Extinguisher	28.65

10 01 40 00-0008 Recharge Dry Chemical, Class ABC Portable Fire Extinguishers *(10 01 40 00-0001)*

10 01 40 00-0009	EA	Recharge 2.5 Lb. Dry Chemical Portable Fire Extinguisher	22.87
10 01 40 00-0010	EA	Recharge 5 Lb. Dry Chemical Portable Fire Extinguisher	27.69
10 01 40 00-0011	EA	Recharge 10 Lb. Dry Chemical Portable Fire Extinguisher	39.12
10 01 40 00-0012	EA	Recharge 20 Lb. Dry Chemical Portable Fire Extinguisher	61.75

10 01 40 00-0013 Recharge Other Portable Fire Extinguishers *(10 01 40 00-0001)*

10 01 40 00-0014	EA	Recharge 2.5 Gallon Pressurized Water Portable Fire Extinguisher	22.63
10 01 40 00-0015	EA	Recharge 1.6 Gallon Wet Chemical Class K Fire Extinguisher	161.30
10 01 40 00-0016	EA	Recharge 2.5 Gallon Wet Chemical Class K Fire Extinguisher	225.82
10 01 40 00-0017	EA	Recharge 30 Lb. Dry Powder Class D Portable Fire Extinguisher	92.98

10 01 50 Operation and Maintenance of Storage Specialties *(10 01)*

10 01 50 11 Operation and Maintenance of Storage Specialties *(10 01 50)*

10 01 50 11-0001 Locker Repair And Refinishing *(10 01 50 11)*

10 01 50 11-0002	EA	Removal And Replacement Of Single Tier Locker Door	373.74
10 01 50 11-0003	EA	Removal And Replacement Of Two Tier Locker Door	293.86
10 01 50 11-0004	EA	Removal And Replacement Of Three Tier Locker Door	251.81
10 01 50 11-0005	EA	Removal And Replacement Of Four Tier Locker Door	212.36
10 01 50 11-0006	EA	Removal And Replacement Of Six Tier Or Sixteen Person Locker Door	117.28
10 01 50 11-0007	EA	Realign Metal Locker Door For Proper Closure	52.31
10 01 50 11-0008	EA	Patch Small Drill Holes in Locker	10.46

10 01 70 Operation and Maintenance of Exterior Specialties *(10 01)*

10 01 70 11 Operation and Maintenance of Exterior Specialties *(10 01 70)*

10 01 70 11-0001 Wrought Iron Boot Scrapers *(10 01 70 11)*

10 01 70 11-0002	EA	Black Wrought Iron Boot Scrapers Bolted To Concrete Note: Rensup; Ultimate Boot Brush	175.51

10 01 80 Operation and Maintenance of Other Specialties *(10 01)*

10 01 80 00-0001 Rope - Material Only *(10 01 80)*

Note: SAFE WORK LOAD - Safe working load is 5-20% of the listed tensile strength (minimum break) depending on the age and condition of the rope.

10 01 80 00-0002 Solid Braid Nylon Rope *(10 01 80 00-0001)*

10 01 80 00-0003	LF	1/8" Solid Braid Nylon Rope Note: 338 Lb. minimum break	0.06
		For <100, Add	*0.01*
		For >600, Deduct	*-0.01*
10 01 80 00-0004	LF	3/16" Solid Braid Nylon Rope Note: 827 Lb. minimum break	0.10
		For <100, Add	*0.02*
		For >600, Deduct	*-0.02*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 01 80 00-0005	LF	1/4" Solid Braid Nylon Rope	0.12	
		Note: 1,238 Lb. minimum break		
		For <100, Add	*0.02*	
		For >600, Deduct	*-0.02*	
10 01 80 00-0006	LF	5/16" Solid Braid Nylon Rope	0.19	
		Note: 1,931 Lb. minimum break		
		For <100, Add	*0.03*	
		For >600, Deduct	*-0.04*	
10 01 80 00-0007	LF	3/8" Solid Braid Nylon Rope	0.30	
		Note: 2,475 Lb. minimum break		
		For <100, Add	*0.05*	
		For >600, Deduct	*-0.06*	
10 01 80 00-0008	LF	1/2" Solid Braid Nylon Rope	0.48	
		Note: 3,960 Lb. minimum break		
		For <100, Add	*0.07*	
		For >600, Deduct	*-0.10*	

10 01 80 00-0009 Hollow Braid Polypropylene Rope *(10 01 80 00-0001)*

10 01 80 00-0010	LF	3/16" Hollow Braid Polypropylene Rope	0.02	
		Note: 693 Lb. minimum break		
		For <100, Add	*0.00*	
		For >600, Deduct	*0.00*	
10 01 80 00-0011	LF	1/4" Hollow Braid Polypropylene Rope	0.04	
		Note: 990 Lb. minimum break		
		For <100, Add	*0.01*	
		For >600, Deduct	*-0.01*	
10 01 80 00-0012	LF	5/16" Hollow Braid Polypropylene Rope	0.07	
		Note: 1,238 Lb. minimum break		
		For <100, Add	*0.01*	
		For >600, Deduct	*-0.01*	
10 01 80 00-0013	LF	3/8" Hollow Braid Polypropylene Rope	0.09	
		Note: 1,980 Lb. minimum break		
		For <100, Add	*0.01*	
		For >600, Deduct	*-0.02*	
10 01 80 00-0014	LF	1/2" Hollow Braid Polypropylene Rope	0.15	
		Note: 2,880 Lb. minimum break		
		For <100, Add	*0.02*	
		For >600, Deduct	*-0.03*	

10 01 80 00-0015 Three Strand Twisted Manila Natural Fiber Rope *(10 01 80 00-0001)*

10 01 80 00-0016	LF	1/4" Three Strand Twisted Manila Natural Fiber Rope	0.07	
		Note: 540 Lb. minimum break		
		For <100, Add	*0.01*	
		For >600, Deduct	*-0.01*	
10 01 80 00-0017	LF	3/8" Three Strand Twisted Manila Natural Fiber Rope	0.15	
		Note: 1,220 Lb. minimum break		
		For <100, Add	*0.02*	
		For >600, Deduct	*-0.03*	
10 01 80 00-0018	LF	1/2" Three Strand Twisted Manila Natural Fiber Rope	0.26	
		Note: 2,380 Lb. minimum break		
		For <100, Add	*0.04*	
		For >600, Deduct	*-0.05*	
10 01 80 00-0019	LF	5/8" Three Strand Twisted Manila Natural Fiber Rope	0.45	
		Note: 3,960 Lb. minimum break		
		For <100, Add	*0.07*	
		For >600, Deduct	*-0.09*	
10 01 80 00-0020	LF	3/4" Three Strand Twisted Manila Natural Fiber Rope	0.55	
		Note: 4,860 Lb. minimum break		
		For <100, Add	*0.08*	
		For >600, Deduct	*-0.11*	
10 01 80 00-0021	LF	1" Three Strand Twisted Manila Natural Fiber Rope	0.84	
		Note: 8,100 Lb. minimum break		
		For <100, Add	*0.13*	
		For >600, Deduct	*-0.17*	
10 01 80 00-0022	LF	1-1/4" Three Strand Twisted Manila Natural Fiber Rope	1.41	
		Note: 12,200 Lb. minimum break		
		For <100, Add	*0.21*	
		For >600, Deduct	*-0.28*	
10 01 80 00-0023	LF	1-1/2" Three Strand Twisted Manila Natural Fiber Rope	1.82	
		Note: 16,700 Lb. minimum break		
		For <100, Add	*0.27*	
		For >600, Deduct	*-0.36*	
10 01 80 00-0024	LF	2" Three Strand Twisted Manila Natural Fiber Rope	3.84	
		Note: 28,800 Lb. minimum break		
		For <100, Add	*0.58*	
		For >600, Deduct	*-0.77*	
10 01 80 00-0025	LF	3" Three Strand Twisted Manila Natural Fiber Rope	7.31	
		Note: 64,800 Lb. minimum break		
		For <100, Add	*1.10*	
		For >600, Deduct	*-1.46*	

10 01 80 00-0026 Three Strand Twisted Nylon Rope *(10 01 80 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 01 80 00-0027	LF	1/4" Three Strand Twisted Nylon Rope	0.12	
		Note: 1,490 Lb. minimum break		
		For <100, Add	*0.02*	
		For >600, Deduct	*-0.02*	
10 01 80 00-0028	LF	5/16" Three Strand Twisted Nylon Rope	0.22	
		Note: 2,300 Lb. minimum break		
		For <100, Add	*0.03*	
		For >600, Deduct	*-0.04*	
10 01 80 00-0029	LF	3/8" Three Strand Twisted Nylon Rope	0.29	
		Note: 3,340 Lb. minimum break		
		For <100, Add	*0.04*	
		For >600, Deduct	*-0.06*	
10 01 80 00-0030	LF	1/2" Three Strand Twisted Nylon Rope	0.53	
		Note: 5,750 Lb. minimum break		
		For <100, Add	*0.08*	
		For >600, Deduct	*-0.11*	
10 01 80 00-0031	LF	5/8" Three Strand Twisted Nylon Rope	0.88	
		Note: 9,350 Lb. minimum break		
		For <100, Add	*0.13*	
		For >600, Deduct	*-0.18*	
10 01 80 00-0032	LF	3/4" Three Strand Twisted Nylon Rope	1.18	
		Note: 12,800 Lb. minimum break		
		For <100, Add	*0.18*	
		For >600, Deduct	*-0.24*	
10 01 80 00-0033	LF	1" Three Strand Twisted Nylon Rope	2.14	
		Note: 22,600 Lb. minimum break		
		For <100, Add	*0.32*	
		For >600, Deduct	*-0.43*	
10 01 80 00-0034	LF	1-1/4" Three Strand Twisted Nylon Rope	3.33	
		Note: 37,500 Lb. minimum break		
		For <100, Add	*0.50*	
		For >600, Deduct	*-0.67*	
10 01 80 00-0035	LF	1-1/2" Three Strand Twisted Nylon Rope	4.49	
		Note: 53,000 Lb. minimum break		
		For <100, Add	*0.67*	
		For >600, Deduct	*-0.90*	
10 01 80 00-0036	LF	2" Three Strand Twisted Nylon Rope	8.52	
		Note: 92,000 Lb. minimum break		
		For <100, Add	*1.28*	
		For >600, Deduct	*-1.70*	
10 01 80 00-0037		Three Strand Twisted Cotton Rope *(10 01 80 00-0001)*		
10 01 80 00-0038	LF	1/4" Three Strand Twisted Cotton Rope	0.12	
		Note: 500 Lb. minimum break		
		For <100, Add	*0.02*	
		For >600, Deduct	*-0.02*	
10 01 80 00-0039	LF	3/8" Three Strand Twisted Cotton Rope	0.27	
		Note: 1,125 Lb. minimum break		
		For <100, Add	*0.04*	
		For >600, Deduct	*-0.05*	
10 01 80 00-0040	LF	1/2" Three Strand Twisted Cotton Rope	0.43	
		Note: 1,500 Lb. minimum break		
		For <100, Add	*0.06*	
		For >600, Deduct	*-0.09*	
10 01 80 00-0041	LF	5/8" Three Strand Twisted Cotton Rope	0.61	
		Note: 1,950 Lb. minimum break		
		For <100, Add	*0.09*	
		For >600, Deduct	*-0.12*	
10 01 80 00-0042	LF	3/4" Three Strand Twisted Cotton Rope	0.91	
		Note: 2,600 Lb. minimum break		
		For <100, Add	*0.14*	
		For >600, Deduct	*-0.18*	
10 01 80 00-0043	LF	1" Three Strand Twisted Cotton Rope	1.36	
		Note: 3,500 Lb. minimum break		
		For <100, Add	*0.20*	
		For >600, Deduct	*-0.27*	
10 01 80 00-0044		Three Strand Twisted Poly Combo Rope *(10 01 80 00-0001)*		
10 01 80 00-0045	LF	3/8" Three Strand Twisted Poly Combo Rope	0.25	
		Note: 2,700 Lb. minimum break		
		For <100, Add	*0.04*	
		For >600, Deduct	*-0.05*	
10 01 80 00-0046	LF	1/2" Three Strand Twisted Poly Combo Rope	0.32	
		Note: 4,400 Lb. minimum break		
		For <100, Add	*0.05*	
		For >600, Deduct	*-0.06*	
10 01 80 00-0047	LF	8/8" Three Strand Twisted Poly Combo Rope	0.56	
		Note: 6,500 Lb. minimum break		
		For <100, Add	*0.08*	
		For >600, Deduct	*-0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 01 80 00-0048	LF	3/4" Three Strand Twisted Poly Combo Rope Note: 9,000 Lb. minimum break	0.93	
		For <100, Add	*0.14*	
		For >600, Deduct	*-0.19*	
10 01 80 00-0049	LF	1" Three Strand Twisted Poly Combo Rope Note: 18,750 Lb. minimum break	1.67	
		For <100, Add	*0.25*	
		For >600, Deduct	*-0.33*	

10 01 80 00-0050 Double Braid Polyester Rope *(10 01 80 00-0001)*

10 01 80 00-0051	LF	3/8" Double Braid Polyester Rope Note: 4,468 Lb. minimum break	0.59	
		For <100, Add	*0.09*	
		For >600, Deduct	*-0.12*	
10 01 80 00-0052	LF	1/2" Double Braid Polyester Rope Note: 7,894 Lb. minimum break	0.93	
		For <100, Add	*0.14*	
		For >600, Deduct	*-0.19*	
10 01 80 00-0053	LF	5/8" Double Braid Polyester Rope Note: 12,274 Lb. minimum break	1.44	
		For <100, Add	*0.22*	
		For >600, Deduct	*-0.29*	
10 01 80 00-0054	LF	3/4" Double Braid Polyester Rope Note: 17,600 Lb. minimum break	2.30	
		For <100, Add	*0.35*	
		For >600, Deduct	*-0.46*	
10 01 80 00-0055	LF	1" Double Braid Polyester Rope Note: 30,900 Lb. minimum break	3.68	
		For <100, Add	*0.55*	
		For >600, Deduct	*-0.74*	

10 01 80 00-0056 Braided Cable Pulling Rope *(10 01 80 00-0001)*

10 01 80 00-0057	LF	1/4" Braided Cable Pulling Rope Note: 2,600 Lb. minimum break	0.57	
		For <100, Add	*0.09*	
		For >600, Deduct	*-0.11*	
10 01 80 00-0058	LF	3/8" Braided Cable Pulling Rope Note: 6,200 Lb. minimum break	0.71	
		For <100, Add	*0.11*	
		For >600, Deduct	*-0.14*	
10 01 80 00-0059	LF	1/2" Braided Cable Pulling Rope Note: 10,500 Lb. minimum break	0.89	
		For <100, Add	*0.13*	
		For >600, Deduct	*-0.18*	
10 01 80 00-0060	LF	9/16" Braided Cable Pulling Rope Note: 12,285 Lb. minimum break	1.05	
		For <100, Add	*0.16*	
		For >600, Deduct	*-0.21*	
10 01 80 00-0061	LF	5/8" Braided Cable Pulling Rope Note: 15,320 Lb. minimum break	1.29	
		For <100, Add	*0.19*	
		For >600, Deduct	*-0.26*	
10 01 80 00-0062	LF	3/4" Braided Cable Pulling Rope Note: 25,370 Lb. minimum break	1.71	
		For <100, Add	*0.26*	
		For >600, Deduct	*-0.34*	
10 01 80 00-0063	LF	7/8" Braided Cable Pulling Rope Note: 30,150 Lb. minimum break	2.38	
		For <100, Add	*0.36*	
		For >600, Deduct	*-0.48*	
10 01 80 00-0064	LF	1" Braided Cable Pulling Rope Note: 40,200 Lb. minimum break	2.80	
		For <100, Add	*0.42*	
		For >600, Deduct	*-0.56*	
10 01 80 00-0065	LF	1-1/8" Braided Cable Pulling Rope Note: 49,925 Lb. minimum break	3.17	
		For <100, Add	*0.48*	
		For >600, Deduct	*-0.63*	

10 10 Information Specialties *(10)*

10 11 Visual Display Units *(10 10)*

10 11 13 Chalkboards *(10 11)*

10 11 13 13 Fixed Chalkboards *(10 11 13)*

Note: Select task based off the square footage of an individual chalkboard. For example use the >12 To 16 SF range for each 3' x 5' chalkboard.

10 11 13 13-0001 Porcelain Enamel Steel Chalkboards *(10 11 13 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 13 13-0002		5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboards (Claridge 800 Series) *(10 11 13 13-0001)*		
		Note: Includes up to 1/2" core material, aluminum backing, full-length map rail, map hooks, chalk tray and mounting hardware.		
10 11 13 13-0003	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	47.90	9.79
10 11 13 13-0004	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	30.25	4.60
10 11 13 13-0005	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	26.15	3.97
10 11 13 13-0006	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	21.53	2.59
10 11 13 13-0007	SF	>24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	17.85	1.44
10 11 13 13-0008		1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboards (Claridge 1300 Series) *(10 11 13 13-0001)*		
		Note: Includes up to 1/2" core material, aluminum backing, full-length map rail, map hooks, chalk tray and mounting hardware.		
10 11 13 13-0009	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	50.53	9.79
10 11 13 13-0010	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	32.82	4.60
10 11 13 13-0011	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	28.51	3.97
10 11 13 13-0012	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	24.39	2.59
10 11 13 13-0013	SF	>24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	20.65	1.44
10 11 13 13-0014		1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboards (Claridge 1600 Series) *(10 11 13 13-0001)*		
		Note: Includes up to 1/2" core material, aluminum backing, chalk tray and mounting hardware.		
10 11 13 13-0015	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	46.28	9.79
10 11 13 13-0016	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	28.60	4.60
10 11 13 13-0017	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	24.56	3.97
10 11 13 13-0018	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	20.21	2.59
10 11 13 13-0019	SF	>24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	16.37	1.44
10 11 13 13-0020		Removal And Reinstallation Of Chalkboards *(10 11 13 13)*		
		Note: Includes storage and cleaning.		
10 11 13 13-0021	SF	Removal And Reinstallation Of Chalkboard	11.98	
10 11 13 13-0022		Field Applied Chalkboard And Accessories *(10 11 13 13)*		
10 11 13 13-0023		Chalkboard Face Sheets And Panels *(10 11 13 13-0022)*		
10 11 13 13-0024	SF	Porcelain Enamel Steel Chalkboard Face Sheet (Claridge Vitracite)	16.19	4.60
		Note: Includes porcelain enamel steel chalkboard skin.		
10 11 13 13-0025	SF	Porcelain Enamel Steel Chalkboard Panel (Claridge VIT)	19.11	4.60
		Note: Includes porcelain enamel steel surface mounted on either particleboard or hardboard core with an aluminum moisture barrier back.		
10 11 13 13-0026		Chalkboard And Markerboard Accessory Trays And Trim *(10 11 13 13-0022)*		
10 11 13 13-0027	LF	Chalk And Marker Tray, Field Applied	23.54	6.33
10 11 13 13-0028	PR	Chalk And Marker Tray End Closures, Field Applied	30.17	11.51
10 11 13 13-0029	LF	Mullion Trim For Chalkboards And Markerboards, Field Applied	17.08	6.33
10 11 13 13-0030	LF	Screw On Trim For Chalkboards And Markerboards, Field Applied	16.74	6.33
10 11 13 13-0031	LF	1/2" Leg Map Rail For Chalkboards And Markerboards, Field Applied	17.73	6.33
10 11 13 13-0032	LF	1/4" Leg Map Rail For Chalkboards And Markerboards, Field Applied	19.62	6.33
10 11 13 13-0033	LF	No Leg Map Rail For Chalkboards And Markerboards, Field Applied	17.73	6.33
10 11 13 33		**Rail-Mounted Chalkboards** *(10 11 13)*		
10 11 13 33-0001		Horizontal Sliding, Porcelain Enamel Steel Chalkboards (Claridge HS Series) *(10 11 13 33)*		
10 11 13 33-0002		Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0001)*		
10 11 13 33-0003	EA	4' x 6' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,128.44	115.09
10 11 13 33-0004	EA	4' x 8' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,386.40	115.09
10 11 13 33-0005	EA	4' x 10' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,701.07	122.57
10 11 13 33-0006	EA	4' x 12' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,000.79	122.57
10 11 13 33-0007	EA	4' x 14' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,734.46	131.78
10 11 13 33-0008	EA	4' x 16' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,973.53	131.78
10 11 13 33-0009	EA	4' x 20' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,487.21	138.11
10 11 13 33-0010	EA	4' x 24' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,080.67	138.11
10 11 13 33-0011		Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0001)*		
10 11 13 33-0012	EA	4' x 6' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,897.91	115.09
10 11 13 33-0013	EA	4' x 8' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,432.24	115.09
10 11 13 33-0014	EA	4' x 10' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,925.85	122.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 13 33-0015	EA	4' x 12' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,416.44	122.57
10 11 13 33-0016	EA	4' x 14' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,032.81	131.78
10 11 13 33-0017	EA	4' x 16' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,249.01	131.78
10 11 13 33-0018	EA	4' x 20' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	6,151.40	138.11
10 11 13 33-0019	EA	4' x 24' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	6,873.10	138.11
10 11 13 33-0020		**Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards** *(10 11 13 33-0001)*		
10 11 13 33-0021	EA	4' x 6' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,225.97	115.09
10 11 13 33-0022	EA	4' x 8' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,662.88	115.09
10 11 13 33-0023	EA	4' x 10' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,137.61	122.57
10 11 13 33-0024	EA	4' x 12' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,639.13	122.57
10 11 13 33-0025	EA	4' x 14' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,613.39	131.78
10 11 13 33-0026	EA	4' x 16' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,843.51	131.78
10 11 13 33-0027	EA	4' x 20' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	6,896.01	138.11
10 11 13 33-0028	EA	4' x 24' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	7,694.82	138.11
10 11 13 33-0029		**Vertical Sliding, Porcelain Enamel Steel Chalkboards (Claridge TW Series)** *(10 11 13 33)*		
10 11 13 33-0030		**One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboards** *(10 11 13 33-0029)*		
10 11 13 33-0031	EA	8' x 4' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	2,538.50	115.09
10 11 13 33-0032	EA	8' x 5' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	2,798.45	115.09
10 11 13 33-0033	EA	8' x 6' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	3,059.44	122.57
10 11 13 33-0034	EA	8' x 8' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	3,510.74	122.57
10 11 13 33-0035	EA	8' x 10' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	3,845.25	131.78
10 11 13 33-0036	EA	8' x 12' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	4,261.75	131.78
10 11 13 33-0037		**Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboards** *(10 11 13 33-0029)*		
10 11 13 33-0038	EA	8' x 4' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	3,709.52	115.09
10 11 13 33-0039	EA	8' x 5' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	4,113.10	115.09
10 11 13 33-0040	EA	8' x 6' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	4,519.71	122.57
10 11 13 33-0041	EA	8' x 8' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	5,262.26	122.57
10 11 13 33-0042	EA	8' x 10' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	5,726.96	131.78
10 11 13 33-0043	EA	8' x 12' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	6,400.90	131.78
10 11 13 33-0044		**Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboards** *(10 11 13 33-0029)*		
10 11 13 33-0045	EA	8' x 4' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	5,054.51	115.09
10 11 13 33-0046	EA	8' x 5' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	5,604.71	115.09
10 11 13 33-0047	EA	8' x 6' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	6,157.94	122.57
10 11 13 33-0048	EA	8' x 8' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	7,190.73	122.57
10 11 13 33-0049	EA	8' x 10' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	7,797.55	131.78
10 11 13 33-0050	EA	8' x 12' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	8,746.84	131.78
10 11 13 33-0051		**Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards (Claridge MO Series)** *(10 11 13 33)* Note: Excludes remotes.		
10 11 13 33-0052		**One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards** *(10 11 13 33-0051)*		
10 11 13 33-0053	EA	10' x 4' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	8,119.63	230.19
10 11 13 33-0054	EA	10' x 5' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	8,349.88	230.19
10 11 13 33-0055	EA	10' x 6' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	8,608.42	237.38
10 11 13 33-0056	EA	10' x 8' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	9,030.13	237.38
10 11 13 33-0057	EA	10' x 10' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	9,498.05	244.57
10 11 13 33-0058	EA	10' x 12' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	9,904.85	244.57
10 11 13 33-0059	EA	10' x 14' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	10,793.75	258.96
10 11 13 33-0060	EA	10' x 16' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	10,906.29	258.96
10 11 13 33-0061		**Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards** *(10 11 13 33-0051)*		
10 11 13 33-0062	EA	10' x 4' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	12,738.80	230.19
10 11 13 33-0063	EA	10' x 5' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	13,043.21	230.19
10 11 13 33-0064	EA	10' x 6' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	13,384.86	237.38
10 11 13 33-0065	EA	10' x 8' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	14,004.61	237.38
10 11 13 33-0066	EA	10' x 10' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	14,622.84	244.57
10 11 13 33-0067	EA	10' x 12' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	15,211.77	244.57
10 11 13 33-0068	EA	10' x 14' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	16,411.04	258.96
10 11 13 33-0069	EA	10' x 16' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	16,589.39	258.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 13 33-0070		Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0051)*		
10 11 13 33-0071	EA	10' x 4' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	16,531.85	230.19
10 11 13 33-0072	EA	10' x 5' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	17,300.12	230.19
10 11 13 33-0073	EA	10' x 6' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	17,708.97	237.38
10 11 13 33-0074	EA	10' x 8' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	18,514.82	237.38
10 11 13 33-0075	EA	10' x 10' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	19,363.89	244.57
10 11 13 33-0076	EA	10' x 12' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	20,178.69	244.57
10 11 13 33-0077	EA	10' x 14' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	21,789.73	258.96
10 11 13 33-0078	EA	10' x 16' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	22,103.48	258.96
10 11 13 33-0079		Sliding Chalkboard And Markerboard Accessories *(10 11 13 33)*		
10 11 13 33-0080	EA	One Sliding Panel, Remote Control For Motor Operated Sliding Chalkboard Or Markerboard	607.00	
10 11 13 33-0081	EA	Two Sliding Panel, Remote Control For Motor Operated Sliding Chalkboard Or Markerboard	1,035.47	
10 11 16		**Markerboards** *(10 11)*		
10 11 16 13		**Fixed Markerboards** *(10 11 16)*		
		Note: Select task based off the square footage of an individual markerboard. For example use the >12 To 16 SF range for each 3' x 5' markerboard.		
10 11 16 13-0001		Porcelain Enamel Steel Markerboards *(10 11 16 13)*		
10 11 16 13-0002		5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboards (Claridge 800 Series) *(10 11 16 13-0001)*		
		Note: Includes up to 1/2" core material, aluminum backing, full-length map rail, map hooks, marker tray and mounting hardware.		
10 11 16 13-0003	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	48.07	9.79
10 11 16 13-0004	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	30.83	4.60
10 11 16 13-0005	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	26.15	3.97
10 11 16 13-0006	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	21.74	2.59
10 11 16 13-0007	SF	>24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	17.62	1.44
10 11 16 13-0008		1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboards (Claridge 1300 Series) *(10 11 16 13-0001)*		
		Note: Includes up to 1/2" core material, aluminum backing, full-length map rail, map hooks, marker tray and mounting hardware.		
10 11 16 13-0009	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	50.57	9.79
10 11 16 13-0010	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	31.58	4.60
10 11 16 13-0011	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	27.26	3.97
10 11 16 13-0012	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	23.15	2.59
10 11 16 13-0013	SF	>24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	19.93	1.44
10 11 16 13-0014		1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboards (Claridge LCS Series) *(10 11 16 13-0001)*		
		Note: Includes up to 1/2" core material, aluminum backing, marker tray and mounting hardware.		
10 11 16 13-0015	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	46.26	9.79
10 11 16 13-0016	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	28.61	4.60
10 11 16 13-0017	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	25.77	3.97
10 11 16 13-0018	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	20.33	2.59
10 11 16 13-0019	SF	>24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	16.09	1.44
10 11 16 13-0020		Melamine Markerboards *(10 11 16 13)*		
10 11 16 13-0021		1-1/4" Face Aluminum Frame, Melamine Markerboard (Claridge MLC Series) *(10 11 16 13-0020)*		
		Note: Includes full-length map rail, map hooks, marker tray and mounting hardware.		
10 11 16 13-0022	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	38.63	9.79
10 11 16 13-0023	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	23.34	4.60
10 11 16 13-0024	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	20.24	3.97
10 11 16 13-0025	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	15.11	2.59
10 11 16 13-0026	SF	>24 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	12.11	1.44
10 11 16 13-0027		1-3/4" Face Wood Frame, Melamine Markerboard (Claridge MLC Series) *(10 11 16 13-0020)*		
		Note: Includes marker tray and mounting hardware.		
10 11 16 13-0028	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	37.78	9.79
10 11 16 13-0029	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	22.94	4.60
10 11 16 13-0030	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	19.68	3.97
10 11 16 13-0031	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	14.12	2.59
10 11 16 13-0032	SF	>24 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	11.21	1.44
10 11 16 13-0033		Nonporous, Non-Staining Markerboards *(10 11 16 13)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 16 13-0034		5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) *(10 11 16 13-0033)*		
		Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.		
10 11 16 13-0035	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	57.18	9.79
		For Magnetic Surface, Add	*3.76*	
10 11 16 13-0036	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	37.83	4.60
		For Magnetic Surface, Add	*2.86*	
10 11 16 13-0037	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	32.62	3.97
		For Magnetic Surface, Add	*2.47*	
10 11 16 13-0038	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	28.88	2.59
		For Magnetic Surface, Add	*2.37*	
10 11 16 13-0039	SF	>24 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	24.99	1.44
		For Magnetic Surface, Add	*2.21*	
10 11 16 13-0040		1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) *(10 11 16 13-0033)*		
		Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.		
10 11 16 13-0041	SF	Up To 6 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	57.18	9.79
		For Magnetic Surface, Add	*3.76*	
10 11 16 13-0042	SF	>6 To 12 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	37.83	4.60
		For Magnetic Surface, Add	*2.86*	
10 11 16 13-0043	SF	>12 To 16 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	32.62	3.97
		For Magnetic Surface, Add	*2.47*	
10 11 16 13-0044	SF	>16 To 24 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	28.88	2.59
		For Magnetic Surface, Add	*2.37*	
10 11 16 13-0045	SF	>24 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	24.99	1.44
		For Magnetic Surface, Add	*2.21*	
10 11 16 13-0046		1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) *(10 11 16 13-0033)*		
		Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.		
10 11 16 13-0047	SF	Up To 6 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	103.78	9.79
		For Magnetic Surface, Add	*8.42*	
10 11 16 13-0048	SF	>6 To 12 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	65.83	4.60
		For Magnetic Surface, Add	*5.66*	
10 11 16 13-0049	SF	>12 To 16 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	55.62	3.97
		For Magnetic Surface, Add	*4.77*	
10 11 16 13-0050	SF	>16 To 24 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	47.07	2.59
		For Magnetic Surface, Add	*4.19*	
10 11 16 13-0051	SF	>24 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	36.61	1.44
		For Magnetic Surface, Add	*3.37*	
10 11 16 13-0052		Nonporous, Non-Staining Markerboard Resurfacing Panels (EverWhite EverEZ Resurfacing Panels) *(10 11 16 13-0033)*		
		Note: Includes non-staining, permanent marker resistant, magnetic dry erase surface. Excludes frame. Resurfacing panel for mounting to existing chalkboard or markerboard consists of dry erase surface; 24-gauge treated steel interlayer and pressure-sensitive adhesive backing.		
10 11 16 13-0053	SF	Up To 16 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing	25.72	3.97
10 11 16 13-0054	SF	>16 To 24 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing	22.03	2.59
10 11 16 13-0055	SF	>24 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing	18.59	1.44
10 11 16 13-0056		Removal And Reinstallation Of Markerboard *(10 11 16 13)*		
		Note: Includes storage and cleaning.		
10 11 16 13-0057	EA	Up To 6 SF, Removal And Reinstallation Of Markerboard	69.05	
10 11 16 13-0058	EA	>6 To 12 SF, Removal And Reinstallation Of Markerboard	80.57	
10 11 16 13-0059	EA	>12 To 16 SF, Removal And Reinstallation Of Markerboard	92.08	
10 11 16 13-0060	EA	>16 To 24 SF, Removal And Reinstallation Of Markerboard	103.58	
10 11 16 13-0061	EA	>24 SF, Removal And Reinstallation Of Markerboard	115.09	
10 11 16 13-0062		Field Applied Markerboard And Accessories *(10 11 16 13)*		
10 11 16 13-0063		Markerboard Face Sheets And Panels *(10 11 16 13-0062)*		
10 11 16 13-0064	SF	Porcelain Enamel Steel Markerboard Face Sheet (Claridge LCS)	15.95	4.60
		Note: Includes porcelain enamel steel markerboard skin backed with double-sided tape.		
10 11 16 13-0065	SF	Porcelain Enamel Steel Markerboard Face Sheet With Double Sided Tape (Claridge LCS EZ Stick)	18.57	4.60
		Note: Includes porcelain enamel steel markerboard skin backed with double-sided tape.		
10 11 16 13-0066	SF	Porcelain Enamel Steel Markerboard Panel (Claridge LCS)	18.51	4.60
		Note: Includes porcelain enamel steel surface mounted on either 3/8" particleboard or 1/4" hardboard core with an aluminum moisture barrier back.		
10 11 16 13-0067	SF	Melamine Markerboard Panel (Claridge 1032)	11.19	4.60
		Note: Includes 1/4" thick melamine panel.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 16 13-0068		Chalkboard And Markerboard Accessory Trays And Trim *(10 11 16 13-0062)*		
		See CSI section 10 11 13 13-0026 for chalkboard and markerboard accessory trays and trim.		
10 11 16 33		**Rail-Mounted Markerboards** *(10 11 16)*		
10 11 16 33-0001		Horizontal Sliding, Porcelain Enamel Steel Markerboards (Claridge HS Series) *(10 11 16 33)*		
10 11 16 33-0002		Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0001)*		
10 11 16 33-0003	EA	4' x 6' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,103.15	115.09
10 11 16 33-0004	EA	4' x 8' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,352.68	115.09
10 11 16 33-0005	EA	4' x 10' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,658.92	122.57
10 11 16 33-0006	EA	4' x 12' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,950.20	122.57
10 11 16 33-0007	EA	4' x 14' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,675.45	131.78
10 11 16 33-0008	EA	4' x 16' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,906.09	131.78
10 11 16 33-0009	EA	4' x 20' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,402.91	138.11
10 11 16 33-0010	EA	4' x 24' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,979.51	138.11
10 11 16 33-0011		Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0001)*		
10 11 16 33-0012	EA	4' x 6' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,872.61	115.09
10 11 16 33-0013	EA	4' x 8' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,398.51	115.09
10 11 16 33-0014	EA	4' x 10' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,883.70	122.57
10 11 16 33-0015	EA	4' x 12' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,365.86	122.57
10 11 16 33-0016	EA	4' x 14' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,973.80	131.78
10 11 16 33-0017	EA	4' x 16' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,181.57	131.78
10 11 16 33-0018	EA	4' x 20' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	6,067.10	138.11
10 11 16 33-0019	EA	4' x 24' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	6,771.94	138.11
10 11 16 33-0020		Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0001)*		
10 11 16 33-0021	EA	4' x 6' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,200.68	115.09
10 11 16 33-0022	EA	4' x 8' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,629.15	115.09
10 11 16 33-0023	EA	4' x 10' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,095.45	122.57
10 11 16 33-0024	EA	4' x 12' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,588.55	122.57
10 11 16 33-0025	EA	4' x 14' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,554.37	131.78
10 11 16 33-0026	EA	4' x 16' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,776.07	131.78
10 11 16 33-0027	EA	4' x 20' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	6,811.71	138.11
10 11 16 33-0028	EA	4' x 24' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	7,618.95	138.11
10 11 16 33-0029		Vertical Sliding, Porcelain Enamel Steel Markerboards (Claridge TW Series) *(10 11 16 33)*		
10 11 16 33-0030		One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0029)*		
10 11 16 33-0031	EA	8' x 4' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	2,504.78	115.09
10 11 16 33-0032	EA	8' x 5' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	2,756.30	115.09
10 11 16 33-0033	EA	8' x 6' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,008.86	122.57
10 11 16 33-0034	EA	8' x 8' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,443.30	122.57
10 11 16 33-0035	EA	8' x 10' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,760.94	131.78
10 11 16 33-0036	EA	8' x 12' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,160.59	131.78
10 11 16 33-0037		Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0029)*		
10 11 16 33-0038	EA	8' x 4' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,642.08	115.09
10 11 16 33-0039	EA	8' x 5' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,028.80	115.09
10 11 16 33-0040	EA	8' x 6' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,418.55	122.57
10 11 16 33-0041	EA	8' x 8' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,127.37	122.57
10 11 16 33-0042	EA	8' x 10' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,558.35	131.78
10 11 16 33-0043	EA	8' x 12' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	6,198.58	131.78
10 11 16 33-0044		Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0029)*		
10 11 16 33-0045	EA	8' x 4' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,953.35	115.09
10 11 16 33-0046	EA	8' x 5' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,478.26	115.09
10 11 16 33-0047	EA	8' x 6' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	6,006.19	122.57
10 11 16 33-0048	EA	8' x 8' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	6,988.40	122.57
10 11 16 33-0049	EA	8' x 10' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	7,544.64	131.78
10 11 16 33-0050	EA	8' x 12' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	8,443.34	131.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 16 33-0051		Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards (Claridge MO Series) *(10 11 16 33)* Note: Excludes remotes.		
10 11 16 33-0052		One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0051)*		
10 11 16 33-0053	EA	10' x 4' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	8,077.48	230.19
10 11 16 33-0054	EA	10' x 5' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	8,297.19	230.19
10 11 16 33-0055	EA	10' x 6' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	8,545.19	237.38
10 11 16 33-0056	EA	10' x 8' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	8,945.83	237.38
10 11 16 33-0057	EA	10' x 10' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	9,392.67	244.57
10 11 16 33-0058	EA	10' x 12' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	9,778.39	244.57
10 11 16 33-0059	EA	10' x 14' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	10,646.22	258.96
10 11 16 33-0060	EA	10' x 16' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	10,737.68	258.96
10 11 16 33-0061		Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0051)*		
10 11 16 33-0062	EA	10' x 4' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	12,654.50	230.19
10 11 16 33-0063	EA	10' x 5' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	12,937.83	230.19
10 11 16 33-0064	EA	10' x 6' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	13,258.41	237.38
10 11 16 33-0065	EA	10' x 8' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	13,836.00	237.38
10 11 16 33-0066	EA	10' x 10' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	14,412.08	244.57
10 11 16 33-0067	EA	10' x 12' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	14,958.86	244.57
10 11 16 33-0068	EA	10' x 14' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	16,115.98	258.96
10 11 16 33-0069	EA	10' x 16' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	16,252.17	258.96
10 11 16 33-0070		Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0051)*		
10 11 16 33-0071	EA	10' x 4' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	16,405.39	230.19
10 11 16 33-0072	EA	10' x 5' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	17,142.05	230.19
10 11 16 33-0073	EA	10' x 6' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	17,519.29	237.38
10 11 16 33-0074	EA	10' x 8' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	18,261.91	237.38
10 11 16 33-0075	EA	10' x 10' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	19,047.76	244.57
10 11 16 33-0076	EA	10' x 12' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	19,799.33	244.57
10 11 16 33-0077	EA	10' x 14' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	21,347.14	258.96
10 11 16 33-0078	EA	10' x 16' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	21,597.66	258.96
10 11 16 33-0079		Sliding Chalkboard And Markerboard Accessories *(10 11 16 33)* See CSI section 10 11 13 33-0079 for sliding chalkboard and markerboard accessories.		
10 11 23		**Tackboards** *(10 11)*		
10 11 23 13		**Fixed Tackboards** *(10 11 23)* Note: Select task based off the square footage of an individual tackboard. For example use the >12 To 16 SF range for each 3' x 5' tackboard.		
10 11 23 13-0001		Fixed Tackboards *(10 11 23 13)* Note: Select task based off the square footage of an individual tackboard. For example use the >12 To 16 SF range for each 3' x 5' tackboard.		
10 11 23 13-0002		Cork Surface, Fixed Tackboards *(10 11 23 13-0001)* Note: Includes up to 1/4" cork surface, unmounted or mounted on duracore or hardboard.		
10 11 23 13-0003		5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0002)*		
10 11 23 13-0004	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	32.91	9.79
10 11 23 13-0005	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	18.49	4.60
10 11 23 13-0006	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	16.02	3.97
10 11 23 13-0007	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	12.63	2.59
10 11 23 13-0008	SF	>24 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	10.15	1.44
10 11 23 13-0009		1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboards (Claridge 900A Series) *(10 11 23 13-0002)*		
10 11 23 13-0010	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	34.48	9.79
10 11 23 13-0011	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	19.22	4.60
10 11 23 13-0012	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	15.64	3.97
10 11 23 13-0013	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	12.05	2.59
10 11 23 13-0014	SF	>24 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	9.24	1.44
10 11 23 13-0015		1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0002)*		
10 11 23 13-0016	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	34.65	9.79
10 11 23 13-0017	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	20.75	4.60
10 11 23 13-0018	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	19.12	3.97
10 11 23 13-0019	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	14.57	2.59
10 11 23 13-0020	SF	>24 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	11.36	1.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 23 13-0021		**Burlap Backed Cork Surface, Fixed Tackboards** *(10 11 23 13-0001)* Note: Includes burlap backed 1/4" self-healing cork surface, unmounted or mounted on hardboard.		
10 11 23 13-0022		**5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboards (Claridge 800 Series)** *(10 11 23 13-0021)*		
10 11 23 13-0023	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	37.46	9.79
10 11 23 13-0024	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	23.96	4.60
10 11 23 13-0025	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	21.80	3.97
10 11 23 13-0026	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	18.43	2.59
10 11 23 13-0027	SF	>24 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	16.05	1.44
10 11 23 13-0028		**1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboards (Claridge 700 Series)** *(10 11 23 13-0021)*		
10 11 23 13-0029	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	41.28	9.79
10 11 23 13-0030	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	28.03	4.60
10 11 23 13-0031	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	25.90	3.97
10 11 23 13-0032	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	21.41	2.59
10 11 23 13-0033	SF	>24 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	18.23	1.44
10 11 23 13-0034		**Polyester Fabric Surface, Fixed Tackboards** *(10 11 23 13-0001)* Note: Includes polyester fabric on cork underlay, unmounted or mounted on duracore. Class A rating.		
10 11 23 13-0035		**5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboards (Claridge 800 Series)** *(10 11 23 13-0034)*		
10 11 23 13-0036	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	33.99	9.79
10 11 23 13-0037	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	19.81	4.60
10 11 23 13-0038	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	17.51	3.97
10 11 23 13-0039	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	14.16	2.59
10 11 23 13-0040	SF	>24 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	11.52	1.44
10 11 23 13-0041		**1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboards (Claridge 700 Series)** *(10 11 23 13-0034)*		
10 11 23 13-0042	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	36.14	9.79
10 11 23 13-0043	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	22.61	4.60
10 11 23 13-0044	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	20.86	3.97
10 11 23 13-0045	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	16.48	2.59
10 11 23 13-0046	SF	>24 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	13.35	1.44
10 11 23 13-0047		**Vinyl Fabric Surface, Fixed Tackboards** *(10 11 23 13-0001)* Note: Includes vinyl fabric on cork underlay, unmounted or mounted on duracore.		
10 11 23 13-0048		**5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboards (Claridge 800 Series)** *(10 11 23 13-0047)*		
10 11 23 13-0049	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	32.91	9.79
10 11 23 13-0050	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	18.57	4.60
10 11 23 13-0051	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	16.14	3.97
10 11 23 13-0052	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	12.63	2.59
10 11 23 13-0053	SF	>24 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	9.96	1.44
10 11 23 13-0054		**1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboards (Claridge 700 Series)** *(10 11 23 13-0047)*		
10 11 23 13-0055	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	34.65	9.79
10 11 23 13-0056	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	21.52	4.60
10 11 23 13-0057	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	19.12	3.97
10 11 23 13-0058	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	14.57	2.59
10 11 23 13-0059	SF	4' x 8', 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	11.36	1.44

10 13 Directories *(10 10)*

10 13 11 Directory and Bulletin Boards *(10 13)*

Note: Select task based off the square footage of an individual directory or bulletin board. For example use the >12 To 16 SF range for each 3' x 5' directory or bulletin board.

10 13 11 00-0001		**Wall Mounted Directories** *(10 13 11)* Note: Includes changeable letters.		
10 13 11 00-0002		**Open Face, Wall Mounted Directories** *(10 13 11 00-0001)* Note: Includes vinyl or felt back panel.		
10 13 11 00-0003		**Wood Frame, Open Face, Wall Mounted Directories (Claridge 350 Series)** *(10 13 11 00-0002)*		
10 13 11 00-0004	SF	Up To 6 SF, Wood Frame, Open Face, Wall Mounted Directory	53.04	9.79
10 13 11 00-0005	SF	>6 To 12 SF, Wood Frame, Open Face, Wall Mounted Directory	34.31	4.60
10 13 11 00-0006	SF	>12 To 16 SF, Wood Frame, Open Face, Wall Mounted Directory	31.14	3.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 13 11 00-0007	SF	>16 To 24 SF, Wood Frame, Open Face, Wall Mounted Directory	23.69	2.59
10 13 11 00-0008	SF	>24 SF, Wood Frame, Open Face, Wall Mounted Directory	18.79	1.44
10 13 11 00-0009		**Aluminum Frame, Open Face, Wall Mounted Directories (Claridge 432 Series)** *(10 13 11 00-0002)*		
10 13 11 00-0010	SF	Up To 6 SF, Aluminum Frame, Open Face, Wall Mounted Directory	53.54	9.79
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0011	SF	>6 To 12 SF, Aluminum Frame, Open Face, Wall Mounted Directory	34.64	4.60
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0012	SF	>12 To 16 SF, Aluminum Frame, Open Face, Wall Mounted Directory	31.80	3.97
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0013	SF	>16 To 24 SF, Aluminum Frame, Open Face, Wall Mounted Directory	22.61	2.59
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0014	SF	>24 SF, Aluminum Frame, Open Face, Wall Mounted Directory	19.28	1.44
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0015		**Glass Encased, Wall Mounted Directory Cabinets** *(10 13 11 00-0001)* Note: Includes vinyl or felt back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.		
10 13 11 00-0016		**Wood Frame, Glass Encased, Wall Mounted Directory Cabinets** *(10 13 11 00-0015)*		
10 13 11 00-0017		**Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge 3052 Series)** *(10 13 11 00-0016)*		
10 13 11 00-0018	SF	Up To 6 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	127.77	9.79
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0019	SF	>6 To 12 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	101.75	4.60
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0020	SF	>12 To 16 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	85.23	3.97
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0021	SF	>16 To 24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	78.69	2.59
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0022	SF	>24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	70.98	1.44
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0023		**Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge 345 Series)** *(10 13 11 00-0016)*		
10 13 11 00-0024	SF	Up To 12 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	110.20	9.79
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0025	SF	>12 To 16 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	88.00	3.97
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0026	SF	>16 To 24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	63.04	2.59
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0027	SF	>24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	56.56	1.44
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0028		**Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets** *(10 13 11 00-0015)*		
10 13 11 00-0029		**Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge Contemporary Series)** *(10 13 11 00-0028)*		
10 13 11 00-0030	SF	Up To 6 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	114.60	9.79
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*19.01*	
10 13 11 00-0031	SF	>6 To 12 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	88.09	4.60
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*15.78*	
10 13 11 00-0032	SF	>12 To 16 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	74.56	3.97
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*13.32*	
10 13 11 00-0033	SF	>16 To 24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	54.72	2.59
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*9.91*	
10 13 11 00-0034	SF	>24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	50.85	1.44
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*9.59*	
10 13 11 00-0035		**Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge Contemporary Series)** *(10 13 11 00-0028)*		
10 13 11 00-0036	SF	Up To 6 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	175.41	9.79
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*31.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 13 11 00-0037	SF	>6 To 12 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	101.68	4.60
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*18.49*	
10 13 11 00-0038	SF	>12 To 16 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	85.68	3.97
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*15.55*	
10 13 11 00-0039	SF	>16 To 24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	65.94	2.59
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*12.15*	
10 13 11 00-0040	SF	>24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	60.80	1.44
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*11.58*	

10 13 11 00-0041 Outdoor, Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0001)*

Note: Includes vinyl or felt back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.

10 13 11 00-0042 Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0041)*

10 13 11 00-0043 Hinged Door, Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Directory Cabinets (Claridge 548 Series) *(10 13 11 00-0042)*

10 13 11 00-0044	SF	Up To 6 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet	172.34	9.79
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0045	SF	>6 To 12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet	114.68	4.60
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0046	SF	>12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet	111.33	3.97
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	

10 13 11 00-0047 Wall Mounted Bulletin Boards *(10 13 11)*

10 13 11 00-0048 Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0047)*

Note: Includes cork, fabric or hook-fab back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.

10 13 11 00-0049 Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0048)*

10 13 11 00-0050 Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge 3070 Series) *(10 13 11 00-0049)*

10 13 11 00-0051	SF	Up To 6 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	124.78	9.79
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0052	SF	>6 To 12 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	99.51	4.60
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0053	SF	>12 To 16 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	83.00	3.97
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0054	SF	>16 To 24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	76.58	2.59
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0055	SF	>24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	69.98	1.44
		For Fluorescent Lights, Add	*15.00*	

10 13 11 00-0056 Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge 310 Series) *(10 13 11 00-0049)*

10 13 11 00-0057	SF	Up To 12 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	104.90	9.79
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0058	SF	>12 To 16 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	82.96	3.97
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0059	SF	>16 To 24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	59.14	2.59
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0060	SF	>24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	53.58	1.44
		For Fluorescent Lights, Add	*15.00*	

10 13 11 00-0061 Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0048)*

10 13 11 00-0062 Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge Contemporary Series) *(10 13 11 00-0061)*

10 13 11 00-0063	SF	Up To 6 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	117.33	9.79
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*19.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 13 11 00-0064	SF	>6 To 12 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	90.81	4.60
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*16.32*	
10 13 11 00-0065	SF	>12 To 16 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	77.28	3.97
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*13.87*	
10 13 11 00-0066	SF	>16 To 24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	57.45	2.59
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*10.46*	
10 13 11 00-0067	SF	>24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	53.58	1.44
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*10.14*	

10 13 11 00-0068 Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge Contemporary Series) *(10 13 11 00-0061)*

10 13 11 00-0069	SF	Up To 6 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	178.14	9.79
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*31.71*	
10 13 11 00-0070	SF	>6 To 12 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	104.40	4.60
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*19.04*	
10 13 11 00-0071	SF	>12 To 16 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	88.40	3.97
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*16.09*	
10 13 11 00-0072	SF	>16 To 24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	68.67	2.59
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*12.70*	
10 13 11 00-0073	SF	>24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	63.52	1.44
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*12.13*	

10 13 11 00-0074 Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0047)*

Note: Includes cork, fabric or hook-fab back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.

10 13 11 00-0075 Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0074)*

10 13 11 00-0076 Hinged Door, Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0075)*

10 13 11 00-0077	SF	Up To 6 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet	169.61	9.79
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0078	SF	>6 To 12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet	111.96	4.60
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0079	SF	>12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet	108.63	3.97
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	

10 14 Signage *(10 10)*

Note: Where required, signage excludes electrical connection, disconnect, or terminations unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection wiring, 26 05 83 00-0110 for terminations.

10 14 19 Dimensional Letter Signage *(10 14)*

Note: Mounted on masonry or concrete.

10 14 19 00-0001 Cast Characters *(10 14 19)*

Note: Any font.

10 14 19 00-0002 Satin Finish, Cast Aluminum Characters *(10 14 19 00-0001)*

10 14 19 00-0003	EA	2" High x 3/8" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	54.42	7.20
		For Installation With Adhesive, Deduct	*-5.60*	
		For Clear Anodized, Add	*2.57*	
		For Satin Face And Enameled Return, Add	*7.70*	
		For Patina Finish, Add	*10.26*	
		For Color Anodized, Add	*12.83*	
10 14 19 00-0004	EA	3" High x 1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	64.63	7.77
		For Installation With Adhesive, Deduct	*-6.34*	
		For Clear Anodized, Add	*3.36*	
		For Satin Face And Enameled Return, Add	*10.07*	
		For Patina Finish, Add	*13.42*	
		For Color Anodized, Add	*16.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0005	EA	4" High x 5/8" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	70.86	8.34
		For Installation With Adhesive, Deduct	*-6.88*	
		For Clear Anodized, Add	*3.75*	
		For Satin Face And Enameled Return, Add	*11.25*	
		For Patina Finish, Add	*15.00*	
		For Color Anodized, Add	*18.75*	
10 14 19 00-0006	EA	5" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	81.40	9.55
		For Installation With Adhesive, Deduct	*-7.87*	
		For Clear Anodized, Add	*4.34*	
		For Satin Face And Enameled Return, Add	*13.03*	
		For Patina Finish, Add	*17.37*	
		For Color Anodized, Add	*21.72*	
10 14 19 00-0007	EA	6" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	89.61	10.06
		For Installation With Adhesive, Deduct	*-8.51*	
		For Clear Anodized, Add	*4.94*	
		For Satin Face And Enameled Return, Add	*14.81*	
		For Patina Finish, Add	*19.74*	
		For Color Anodized, Add	*24.68*	
10 14 19 00-0008	EA	8" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	107.21	11.50
		For Installation With Adhesive, Deduct	*-9.96*	
		For Clear Anodized, Add	*6.12*	
		For Satin Face And Enameled Return, Add	*18.36*	
		For Patina Finish, Add	*24.48*	
		For Color Anodized, Add	*30.60*	
10 14 19 00-0009	EA	9" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	119.38	12.08
		For Installation With Adhesive, Deduct	*-10.80*	
		For Clear Anodized, Add	*7.11*	
		For Satin Face And Enameled Return, Add	*21.32*	
		For Patina Finish, Add	*28.42*	
		For Color Anodized, Add	*35.53*	
10 14 19 00-0010	EA	10" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	136.65	12.94
		For Installation With Adhesive, Deduct	*-12.01*	
		For Clear Anodized, Add	*8.49*	
		For Satin Face And Enameled Return, Add	*25.46*	
		For Patina Finish, Add	*33.95*	
		For Color Anodized, Add	*42.44*	
10 14 19 00-0011	EA	12" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	166.42	14.95
		For Installation With Adhesive, Deduct	*-14.30*	
		For Clear Anodized, Add	*10.66*	
		For Satin Face And Enameled Return, Add	*31.98*	
		For Patina Finish, Add	*42.64*	
		For Color Anodized, Add	*53.30*	
10 14 19 00-0012	EA	14" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	199.30	17.26
		For Installation With Adhesive, Deduct	*-16.87*	
		For Clear Anodized, Add	*13.03*	
		For Satin Face And Enameled Return, Add	*39.08*	
		For Patina Finish, Add	*52.11*	
		For Color Anodized, Add	*65.14*	
10 14 19 00-0013	EA	15" High x 1-1/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	218.85	19.18
		For Installation With Adhesive, Deduct	*-18.62*	
		For Clear Anodized, Add	*14.21*	
		For Satin Face And Enameled Return, Add	*42.64*	
		For Patina Finish, Add	*56.85*	
		For Color Anodized, Add	*71.06*	
10 14 19 00-0014	EA	16" High x 1-1/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	244.69	20.71
		For Installation With Adhesive, Deduct	*-20.52*	
		For Clear Anodized, Add	*16.19*	
		For Satin Face And Enameled Return, Add	*48.56*	
		For Patina Finish, Add	*64.74*	
		For Color Anodized, Add	*80.93*	
10 14 19 00-0015	EA	18" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	297.33	23.00
		For Installation With Adhesive, Deduct	*-24.07*	
		For Clear Anodized, Add	*20.53*	
		For Satin Face And Enameled Return, Add	*61.59*	
		For Patina Finish, Add	*82.12*	
		For Color Anodized, Add	*102.65*	
10 14 19 00-0016	EA	20" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	360.15	25.88
		For Installation With Adhesive, Deduct	*-28.36*	
		For Clear Anodized, Add	*25.66*	
		For Satin Face And Enameled Return, Add	*76.98*	
		For Patina Finish, Add	*102.64*	
		For Color Anodized, Add	*128.31*	
10 14 19 00-0017	EA	24" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	434.81	28.76
		For Installation With Adhesive, Deduct	*-33.24*	
		For Clear Anodized, Add	*31.98*	
		For Satin Face And Enameled Return, Add	*95.93*	
		For Patina Finish, Add	*127.91*	
		For Color Anodized, Add	*159.89*	
10 14 19 00-0018		**Satin Finish, Cast Bronze Characters** *(10 14 19 00-0001)*		
10 14 19 00-0019	EA	2" High x 3/8" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	67.14	7.92
		For Installation With Adhesive, Deduct	*-6.52*	
		For Oxidized Finish, Add	*5.33*	
		For Polished Or Patina Finish, Add	*10.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0020	EA	3" High x 1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	97.07	8.62
		For Installation With Adhesive, Deduct	*-8.31*	
		For Oxidized Finish, Add	*9.38*	
		For Polished Or Patina Finish, Add	*18.77*	
10 14 19 00-0021	EA	4" High x 5/8" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	106.12	9.21
		For Installation With Adhesive, Deduct	*-8.99*	
		For Oxidized Finish, Add	*10.40*	
		For Polished Or Patina Finish, Add	*20.79*	
10 14 19 00-0022	EA	5" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	129.33	10.35
		For Installation With Adhesive, Deduct	*-10.61*	
		For Oxidized Finish, Add	*13.19*	
		For Polished Or Patina Finish, Add	*26.37*	
10 14 19 00-0023	EA	6" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	144.03	11.05
		For Installation With Adhesive, Deduct	*-11.63*	
		For Oxidized Finish, Add	*14.96*	
		For Polished Or Patina Finish, Add	*29.92*	
10 14 19 00-0024	EA	8" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	192.63	12.66
		For Installation With Adhesive, Deduct	*-14.69*	
		For Oxidized Finish, Add	*21.30*	
		For Polished Or Patina Finish, Add	*42.60*	
10 14 19 00-0025	EA	9" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	220.29	13.23
		For Installation With Adhesive, Deduct	*-16.31*	
		For Oxidized Finish, Add	*25.11*	
		For Polished Or Patina Finish, Add	*50.21*	
10 14 19 00-0026	EA	10" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	246.86	14.38
		For Installation With Adhesive, Deduct	*-18.10*	
		For Oxidized Finish, Add	*28.40*	
		For Polished Or Patina Finish, Add	*56.80*	
10 14 19 00-0027	EA	12" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	293.27	16.68
		For Installation With Adhesive, Deduct	*-21.34*	
		For Oxidized Finish, Add	*33.98*	
		For Polished Or Patina Finish, Add	*67.96*	
10 14 19 00-0028	EA	14" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	344.73	18.98
		For Installation With Adhesive, Deduct	*-24.83*	
		For Oxidized Finish, Add	*40.32*	
		For Polished Or Patina Finish, Add	*80.64*	
10 14 19 00-0029	EA	15" High x 1-1/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	408.18	23.00
		For Installation With Adhesive, Deduct	*-29.61*	
		For Oxidized Finish, Add	*47.42*	
		For Polished Or Patina Finish, Add	*94.84*	
10 14 19 00-0030	EA	16" High x 1-1/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	423.53	24.74
		For Installation With Adhesive, Deduct	*-31.07*	
		For Oxidized Finish, Add	*48.69*	
		For Polished Or Patina Finish, Add	*97.38*	
10 14 19 00-0031	EA	18" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	603.61	28.76
		For Installation With Adhesive, Deduct	*-41.68*	
		For Oxidized Finish, Add	*73.29*	
		For Polished Or Patina Finish, Add	*146.57*	
10 14 19 00-0032	EA	20" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	727.88	32.36
		For Installation With Adhesive, Deduct	*-49.34*	
		For Oxidized Finish, Add	*89.77*	
		For Polished Or Patina Finish, Add	*179.54*	
10 14 19 00-0033	EA	24" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	927.22	37.39
		For Installation With Adhesive, Deduct	*-61.32*	
		For Oxidized Finish, Add	*116.65*	
		For Polished Or Patina Finish, Add	*233.30*	

10 14 19 00-0034 Molded Characters *(10 14 19)*

Note: Any font.

10 14 19 00-0035 Molded Plastic Characters *(10 14 19 00-0034)*

10 14 19 00-0036	EA	4" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	42.04	5.76
		For Installation With Adhesive, Deduct	*-4.40*	
10 14 19 00-0037	EA	5" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	45.51	6.33
		For Installation With Adhesive, Deduct	*-4.81*	
10 14 19 00-0038	EA	6" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	50.29	6.90
		For Installation With Adhesive, Deduct	*-5.28*	
10 14 19 00-0039	EA	8" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	64.76	7.48
		For Installation With Adhesive, Deduct	*-6.23*	
10 14 19 00-0040	EA	9" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	69.99	8.05
		For Installation With Adhesive, Deduct	*-6.72*	
10 14 19 00-0041	EA	10" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	75.84	8.62
		For Installation With Adhesive, Deduct	*-7.24*	
10 14 19 00-0042	EA	12" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	88.37	10.06
		For Installation With Adhesive, Deduct	*-8.44*	
10 14 19 00-0043	EA	15" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	116.61	12.66
		For Installation With Adhesive, Deduct	*-10.89*	
10 14 19 00-0044	EA	18" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	148.78	14.95
		For Installation With Adhesive, Deduct	*-13.42*	
10 14 19 00-0045	EA	24" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	221.25	18.41
		For Installation With Adhesive, Deduct	*-18.43*	
10 14 19 00-0046	EA	30" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	330.02	21.58
		For Installation With Adhesive, Deduct	*-25.13*	
10 14 19 00-0047	EA	36" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	434.18	24.74
		For Installation With Adhesive, Deduct	*-31.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0048	EA	48" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	815.49	33.08
		For Installation With Adhesive, Deduct	*-54.00*	
10 14 19 00-0049		Cutout Characters *(10 14 19)*		
		Note: Any font.		
10 14 19 00-0050		Satin Finish, Aluminum Characters *(10 14 19 00-0049)*		
10 14 19 00-0051		1/4" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*		
10 14 19 00-0052	EA	2" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	50.47	7.20
		For Installation With Adhesive, Deduct	*-5.40*	
		For Clear Anodized, Add	*2.17*	
		For Satin Face And Enameled Return, Add	*7.60*	
		For Color Anodized, Add	*10.86*	
		For Polished Or Patina Finish, Add	*10.86*	
		For Polished Anodized Finish, Add	*16.28*	
10 14 19 00-0053	EA	4" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	70.86	8.34
		For Installation With Adhesive, Deduct	*-6.88*	
		For Clear Anodized, Add	*3.75*	
		For Satin Face And Enameled Return, Add	*13.13*	
		For Color Anodized, Add	*18.75*	
		For Polished Or Patina Finish, Add	*18.75*	
		For Polished Anodized Finish, Add	*28.13*	
10 14 19 00-0054	EA	6" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	95.53	10.06
		For Installation With Adhesive, Deduct	*-8.80*	
		For Clear Anodized, Add	*5.53*	
		For Satin Face And Enameled Return, Add	*19.34*	
		For Color Anodized, Add	*27.64*	
		For Polished Or Patina Finish, Add	*27.64*	
		For Polished Anodized Finish, Add	*41.45*	
10 14 19 00-0055	EA	8" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	117.08	11.50
		For Installation With Adhesive, Deduct	*-10.46*	
		For Clear Anodized, Add	*7.11*	
		For Satin Face And Enameled Return, Add	*24.87*	
		For Color Anodized, Add	*35.53*	
		For Polished Or Patina Finish, Add	*35.53*	
		For Polished Anodized Finish, Add	*53.30*	
10 14 19 00-0056	EA	10" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	134.67	12.94
		For Installation With Adhesive, Deduct	*-11.91*	
		For Clear Anodized, Add	*8.29*	
		For Satin Face And Enameled Return, Add	*29.02*	
		For Color Anodized, Add	*41.45*	
		For Polished Or Patina Finish, Add	*41.45*	
		For Polished Anodized Finish, Add	*62.18*	
10 14 19 00-0057	EA	12" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	154.58	14.95
		For Installation With Adhesive, Deduct	*-13.71*	
		For Clear Anodized, Add	*9.48*	
		For Satin Face And Enameled Return, Add	*33.16*	
		For Color Anodized, Add	*47.38*	
		For Polished Or Patina Finish, Add	*47.38*	
		For Polished Anodized Finish, Add	*71.06*	
10 14 19 00-0058	EA	14" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	181.53	17.26
		For Installation With Adhesive, Deduct	*-15.98*	
		For Clear Anodized, Add	*11.25*	
		For Satin Face And Enameled Return, Add	*39.38*	
		For Color Anodized, Add	*56.26*	
		For Polished Or Patina Finish, Add	*56.26*	
		For Polished Anodized Finish, Add	*84.38*	
10 14 19 00-0059	EA	16" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	215.08	20.71
		For Installation With Adhesive, Deduct	*-19.04*	
		For Clear Anodized, Add	*13.23*	
		For Satin Face And Enameled Return, Add	*46.29*	
		For Color Anodized, Add	*66.13*	
		For Polished Or Patina Finish, Add	*66.13*	
		For Polished Anodized Finish, Add	*99.19*	
10 14 19 00-0060	EA	18" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	242.06	23.00
		For Installation With Adhesive, Deduct	*-21.31*	
		For Clear Anodized, Add	*15.00*	
		For Satin Face And Enameled Return, Add	*52.51*	
		For Color Anodized, Add	*75.01*	
		For Polished Or Patina Finish, Add	*75.01*	
		For Polished Anodized Finish, Add	*112.52*	
10 14 19 00-0061	EA	20" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	291.06	25.88
		For Installation With Adhesive, Deduct	*-24.91*	
		For Clear Anodized, Add	*18.75*	
		For Satin Face And Enameled Return, Add	*65.63*	
		For Color Anodized, Add	*93.76*	
		For Polished Or Patina Finish, Add	*93.76*	
		For Polished Anodized Finish, Add	*140.64*	
10 14 19 00-0062	EA	22" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	334.33	27.32
		For Installation With Adhesive, Deduct	*-27.65*	
		For Clear Anodized, Add	*22.50*	
		For Satin Face And Enameled Return, Add	*78.76*	
		For Color Anodized, Add	*112.52*	
		For Polished Or Patina Finish, Add	*112.52*	
		For Polished Anodized Finish, Add	*168.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0063	EA	24" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	415.08	28.76
		For Installation With Adhesive, Deduct	*-32.26*	
		For Clear Anodized, Add	*30.00*	
		For Satin Face And Enameled Return, Add	*105.01*	
		For Color Anodized, Add	*150.02*	
		For Polished Or Patina Finish, Add	*150.02*	
		For Polished Anodized Finish, Add	*225.03*	
10 14 19 00-0064	EA	30" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	595.35	34.52
		For Installation With Adhesive, Deduct	*-43.57*	
		For Clear Anodized, Add	*45.73*	
		For Satin Face And Enameled Return, Add	*160.05*	
		For Color Anodized, Add	*228.65*	
		For Polished Or Patina Finish, Add	*228.65*	
		For Polished Anodized Finish, Add	*342.97*	
10 14 19 00-0065		**3/8" Deep, Satin Finish, Aluminum Characters** *(10 14 19 00-0050)*		
10 14 19 00-0066	EA	2" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	64.37	7.20
		For Installation With Adhesive, Deduct	*-6.09*	
		For Clear Anodized, Add	*3.56*	
		For Satin Face And Enameled Return, Add	*12.46*	
		For Color Anodized, Add	*17.81*	
		For Polished Or Patina Finish, Add	*17.81*	
		For Polished Anodized Finish, Add	*26.71*	
10 14 19 00-0067	EA	4" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	92.62	8.34
		For Installation With Adhesive, Deduct	*-7.97*	
		For Clear Anodized, Add	*5.93*	
		For Satin Face And Enameled Return, Add	*20.74*	
		For Color Anodized, Add	*29.63*	
		For Polished Or Patina Finish, Add	*29.63*	
		For Polished Anodized Finish, Add	*44.45*	
10 14 19 00-0068	EA	6" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	117.08	10.06
		For Installation With Adhesive, Deduct	*-9.88*	
		For Clear Anodized, Add	*7.68*	
		For Satin Face And Enameled Return, Add	*26.89*	
		For Color Anodized, Add	*38.41*	
		For Polished Or Patina Finish, Add	*38.41*	
		For Polished Anodized Finish, Add	*57.62*	
10 14 19 00-0069	EA	8" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	146.93	11.50
		For Installation With Adhesive, Deduct	*-11.95*	
		For Clear Anodized, Add	*10.09*	
		For Satin Face And Enameled Return, Add	*35.32*	
		For Color Anodized, Add	*50.46*	
		For Polished Or Patina Finish, Add	*50.46*	
		For Polished Anodized Finish, Add	*75.68*	
10 14 19 00-0070	EA	10" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	170.32	12.94
		For Installation With Adhesive, Deduct	*-13.69*	
		For Clear Anodized, Add	*11.86*	
		For Satin Face And Enameled Return, Add	*41.49*	
		For Color Anodized, Add	*59.28*	
		For Polished Or Patina Finish, Add	*59.28*	
		For Polished Anodized Finish, Add	*88.91*	
10 14 19 00-0071	EA	12" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	200.06	14.95
		For Installation With Adhesive, Deduct	*-15.99*	
		For Clear Anodized, Add	*14.02*	
		For Satin Face And Enameled Return, Add	*49.08*	
		For Color Anodized, Add	*70.12*	
		For Polished Or Patina Finish, Add	*70.12*	
		For Polished Anodized Finish, Add	*105.17*	
10 14 19 00-0072	EA	14" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	234.41	17.26
		For Installation With Adhesive, Deduct	*-18.62*	
		For Clear Anodized, Add	*16.54*	
		For Satin Face And Enameled Return, Add	*57.89*	
		For Color Anodized, Add	*82.70*	
		For Polished Or Patina Finish, Add	*82.70*	
		For Polished Anodized Finish, Add	*124.04*	
10 14 19 00-0073	EA	16" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	290.47	20.71
		For Installation With Adhesive, Deduct	*-22.81*	
		For Clear Anodized, Add	*20.76*	
		For Satin Face And Enameled Return, Add	*72.67*	
		For Color Anodized, Add	*103.82*	
		For Polished Or Patina Finish, Add	*103.82*	
		For Polished Anodized Finish, Add	*155.73*	
10 14 19 00-0074	EA	18" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	336.57	23.00
		For Installation With Adhesive, Deduct	*-26.03*	
		For Clear Anodized, Add	*24.45*	
		For Satin Face And Enameled Return, Add	*85.59*	
		For Color Anodized, Add	*122.27*	
		For Polished Or Patina Finish, Add	*122.27*	
		For Polished Anodized Finish, Add	*183.40*	
10 14 19 00-0075	EA	20" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	390.45	25.88
		For Installation With Adhesive, Deduct	*-29.88*	
		For Clear Anodized, Add	*28.69*	
		For Satin Face And Enameled Return, Add	*100.42*	
		For Color Anodized, Add	*143.46*	
		For Polished Or Patina Finish, Add	*143.46*	
		For Polished Anodized Finish, Add	*215.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0076	EA	22" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	437.84	27.32
		For Installation With Adhesive, Deduct	*-32.82*	
		For Clear Anodized, Add	*32.85*	
		For Satin Face And Enameled Return, Add	*114.99*	
		For Color Anodized, Add	*164.27*	
		For Polished Or Patina Finish, Add	*164.27*	
		For Polished Anodized Finish, Add	*246.41*	
10 14 19 00-0077	EA	24" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	487.08	28.76
		For Installation With Adhesive, Deduct	*-35.86*	
		For Clear Anodized, Add	*37.20*	
		For Satin Face And Enameled Return, Add	*130.21*	
		For Color Anodized, Add	*186.02*	
		For Polished Or Patina Finish, Add	*186.02*	
		For Polished Anodized Finish, Add	*279.03*	
10 14 19 00-0078	EA	30" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	671.02	34.52
		For Installation With Adhesive, Deduct	*-47.36*	
		For Clear Anodized, Add	*53.30*	
		For Satin Face And Enameled Return, Add	*186.54*	
		For Color Anodized, Add	*266.48*	
		For Polished Or Patina Finish, Add	*266.48*	
		For Polished Anodized Finish, Add	*399.72*	
10 14 19 00-0079		1/2" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*		
10 14 19 00-0080	EA	2" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	80.44	7.20
		For Installation With Adhesive, Deduct	*-6.90*	
		For Clear Anodized, Add	*5.17*	
		For Satin Face And Enameled Return, Add	*18.09*	
		For Color Anodized, Add	*25.84*	
		For Polished Or Patina Finish, Add	*25.84*	
		For Polished Anodized Finish, Add	*38.76*	
10 14 19 00-0081	EA	4" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	104.24	8.34
		For Installation With Adhesive, Deduct	*-8.55*	
		For Clear Anodized, Add	*7.09*	
		For Satin Face And Enameled Return, Add	*24.81*	
		For Color Anodized, Add	*35.44*	
		For Polished Or Patina Finish, Add	*35.44*	
		For Polished Anodized Finish, Add	*53.16*	
10 14 19 00-0082	EA	6" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	130.90	10.06
		For Installation With Adhesive, Deduct	*-10.57*	
		For Clear Anodized, Add	*9.06*	
		For Satin Face And Enameled Return, Add	*31.72*	
		For Color Anodized, Add	*45.32*	
		For Polished Or Patina Finish, Add	*45.32*	
		For Polished Anodized Finish, Add	*67.98*	
10 14 19 00-0083	EA	8" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	154.74	11.50
		For Installation With Adhesive, Deduct	*-12.34*	
		For Clear Anodized, Add	*10.87*	
		For Satin Face And Enameled Return, Add	*38.05*	
		For Color Anodized, Add	*54.36*	
		For Polished Or Patina Finish, Add	*54.36*	
		For Polished Anodized Finish, Add	*81.54*	
10 14 19 00-0084	EA	10" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	180.27	12.94
		For Installation With Adhesive, Deduct	*-14.19*	
		For Clear Anodized, Add	*12.85*	
		For Satin Face And Enameled Return, Add	*44.98*	
		For Color Anodized, Add	*64.25*	
		For Polished Or Patina Finish, Add	*64.25*	
		For Polished Anodized Finish, Add	*96.38*	
10 14 19 00-0085	EA	12" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	221.85	14.95
		For Installation With Adhesive, Deduct	*-17.08*	
		For Clear Anodized, Add	*16.20*	
		For Satin Face And Enameled Return, Add	*56.71*	
		For Color Anodized, Add	*81.01*	
		For Polished Or Patina Finish, Add	*81.01*	
		For Polished Anodized Finish, Add	*121.52*	
10 14 19 00-0086	EA	14" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	273.79	17.26
		For Installation With Adhesive, Deduct	*-20.59*	
		For Clear Anodized, Add	*20.48*	
		For Satin Face And Enameled Return, Add	*71.67*	
		For Color Anodized, Add	*102.39*	
		For Polished Or Patina Finish, Add	*102.39*	
		For Polished Anodized Finish, Add	*153.58*	
10 14 19 00-0087	EA	16" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	331.46	20.71
		For Installation With Adhesive, Deduct	*-24.86*	
		For Clear Anodized, Add	*24.86*	
		For Satin Face And Enameled Return, Add	*87.02*	
		For Color Anodized, Add	*124.32*	
		For Polished Or Patina Finish, Add	*124.32*	
		For Polished Anodized Finish, Add	*186.47*	
10 14 19 00-0088	EA	18" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	402.58	23.00
		For Installation With Adhesive, Deduct	*-29.33*	
		For Clear Anodized, Add	*31.05*	
		For Satin Face And Enameled Return, Add	*108.69*	
		For Color Anodized, Add	*155.27*	
		For Polished Or Patina Finish, Add	*155.27*	
		For Polished Anodized Finish, Add	*232.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0089	EA	20" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	474.83	25.88
		For Installation With Adhesive, Deduct	*-34.10*	
		For Clear Anodized, Add	*37.13*	
		For Satin Face And Enameled Return, Add	*129.95*	
		For Color Anodized, Add	*185.65*	
		For Polished Or Patina Finish, Add	*185.65*	
		For Polished Anodized Finish, Add	*278.47*	
10 14 19 00-0090	EA	22" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	545.85	27.32
		For Installation With Adhesive, Deduct	*-38.22*	
		For Clear Anodized, Add	*43.66*	
		For Satin Face And Enameled Return, Add	*152.79*	
		For Color Anodized, Add	*218.28*	
		For Polished Or Patina Finish, Add	*218.28*	
		For Polished Anodized Finish, Add	*327.41*	
10 14 19 00-0091	EA	24" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	613.10	28.76
		For Installation With Adhesive, Deduct	*-42.16*	
		For Clear Anodized, Add	*49.81*	
		For Satin Face And Enameled Return, Add	*174.32*	
		For Color Anodized, Add	*249.03*	
		For Polished Or Patina Finish, Add	*249.03*	
		For Polished Anodized Finish, Add	*373.55*	
10 14 19 00-0092	EA	30" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	852.22	34.52
		For Installation With Adhesive, Deduct	*-56.42*	
		For Clear Anodized, Add	*71.42*	
		For Satin Face And Enameled Return, Add	*249.96*	
		For Color Anodized, Add	*357.08*	
		For Polished Or Patina Finish, Add	*357.08*	
		For Polished Anodized Finish, Add	*535.62*	

10 14 19 00-0093 3/4" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*

10 14 19 00-0094	EA	2" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	84.13	7.20
		For Installation With Adhesive, Deduct	*-7.08*	
		For Clear Anodized, Add	*5.54*	
		For Satin Face And Enameled Return, Add	*19.38*	
		For Color Anodized, Add	*27.69*	
		For Polished Or Patina Finish, Add	*27.69*	
		For Polished Anodized Finish, Add	*41.53*	
10 14 19 00-0095	EA	4" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	108.37	8.34
		For Installation With Adhesive, Deduct	*-8.75*	
		For Clear Anodized, Add	*7.50*	
		For Satin Face And Enameled Return, Add	*26.25*	
		For Color Anodized, Add	*37.51*	
		For Polished Or Patina Finish, Add	*37.51*	
		For Polished Anodized Finish, Add	*56.26*	
10 14 19 00-0096	EA	6" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	143.06	10.06
		For Installation With Adhesive, Deduct	*-11.18*	
		For Clear Anodized, Add	*10.28*	
		For Satin Face And Enameled Return, Add	*35.98*	
		For Color Anodized, Add	*51.40*	
		For Polished Or Patina Finish, Add	*51.40*	
		For Polished Anodized Finish, Add	*77.10*	
10 14 19 00-0097	EA	8" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	190.27	11.50
		For Installation With Adhesive, Deduct	*-14.12*	
		For Clear Anodized, Add	*14.43*	
		For Satin Face And Enameled Return, Add	*50.49*	
		For Color Anodized, Add	*72.13*	
		For Polished Or Patina Finish, Add	*72.13*	
		For Polished Anodized Finish, Add	*108.19*	
10 14 19 00-0098	EA	10" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	239.13	12.94
		For Installation With Adhesive, Deduct	*-17.13*	
		For Clear Anodized, Add	*18.74*	
		For Satin Face And Enameled Return, Add	*65.58*	
		For Color Anodized, Add	*93.68*	
		For Polished Or Patina Finish, Add	*93.68*	
		For Polished Anodized Finish, Add	*140.52*	
10 14 19 00-0099	EA	12" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	300.49	14.95
		For Installation With Adhesive, Deduct	*-21.01*	
		For Clear Anodized, Add	*24.07*	
		For Satin Face And Enameled Return, Add	*84.23*	
		For Color Anodized, Add	*120.33*	
		For Polished Or Patina Finish, Add	*120.33*	
		For Polished Anodized Finish, Add	*180.50*	
10 14 19 00-0100	EA	14" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	375.06	17.26
		For Installation With Adhesive, Deduct	*-25.66*	
		For Clear Anodized, Add	*30.60*	
		For Satin Face And Enameled Return, Add	*107.11*	
		For Color Anodized, Add	*153.02*	
		For Polished Or Patina Finish, Add	*153.02*	
		For Polished Anodized Finish, Add	*229.53*	
10 14 19 00-0101	EA	16" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	463.72	20.71
		For Installation With Adhesive, Deduct	*-31.47*	
		For Clear Anodized, Add	*38.09*	
		For Satin Face And Enameled Return, Add	*133.31*	
		For Color Anodized, Add	*190.45*	
		For Polished Or Patina Finish, Add	*190.45*	
		For Polished Anodized Finish, Add	*285.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0102	EA	18" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	567.60	23.00
		For Installation With Adhesive, Deduct	*-37.58*	
		For Clear Anodized, Add	*47.56*	
		For Satin Face And Enameled Return, Add	*166.45*	
		For Color Anodized, Add	*237.78*	
		For Polished Or Patina Finish, Add	*237.78*	
		For Polished Anodized Finish, Add	*356.67*	
10 14 19 00-0103	EA	20" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	675.48	25.88
		For Installation With Adhesive, Deduct	*-44.13*	
		For Clear Anodized, Add	*57.19*	
		For Satin Face And Enameled Return, Add	*200.18*	
		For Color Anodized, Add	*285.97*	
		For Polished Or Patina Finish, Add	*285.97*	
		For Polished Anodized Finish, Add	*428.96*	
10 14 19 00-0104	EA	22" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	784.38	27.32
		For Installation With Adhesive, Deduct	*-50.15*	
		For Clear Anodized, Add	*67.51*	
		For Satin Face And Enameled Return, Add	*236.28*	
		For Color Anodized, Add	*337.54*	
		For Polished Or Patina Finish, Add	*337.54*	
		For Polished Anodized Finish, Add	*506.31*	
10 14 19 00-0105	EA	24" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	898.13	28.76
		For Installation With Adhesive, Deduct	*-56.41*	
		For Clear Anodized, Add	*78.31*	
		For Satin Face And Enameled Return, Add	*274.08*	
		For Color Anodized, Add	*391.55*	
		For Polished Or Patina Finish, Add	*391.55*	
		For Polished Anodized Finish, Add	*587.32*	
10 14 19 00-0106	EA	30" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	1,235.95	34.52
		For Installation With Adhesive, Deduct	*-75.60*	
		For Clear Anodized, Add	*109.79*	
		For Satin Face And Enameled Return, Add	*384.26*	
		For Color Anodized, Add	*548.95*	
		For Polished Or Patina Finish, Add	*548.95*	
		For Polished Anodized Finish, Add	*823.42*	
10 14 19 00-0107		1" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*		
10 14 19 00-0108	EA	2" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	93.90	7.20
		For Installation With Adhesive, Deduct	*-7.57*	
		For Clear Anodized, Add	*6.51*	
		For Satin Face And Enameled Return, Add	*22.80*	
		For Color Anodized, Add	*32.57*	
		For Polished Or Patina Finish, Add	*32.57*	
		For Polished Anodized Finish, Add	*48.86*	
10 14 19 00-0109	EA	4" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	116.24	8.34
		For Installation With Adhesive, Deduct	*-9.15*	
		For Clear Anodized, Add	*8.29*	
		For Satin Face And Enameled Return, Add	*29.01*	
		For Color Anodized, Add	*41.44*	
		For Polished Or Patina Finish, Add	*41.44*	
		For Polished Anodized Finish, Add	*62.16*	
10 14 19 00-0110	EA	6" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	153.01	10.06
		For Installation With Adhesive, Deduct	*-11.68*	
		For Clear Anodized, Add	*11.28*	
		For Satin Face And Enameled Return, Add	*39.46*	
		For Color Anodized, Add	*56.38*	
		For Polished Or Patina Finish, Add	*56.38*	
		For Polished Anodized Finish, Add	*84.56*	
10 14 19 00-0111	EA	8" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	210.17	11.50
		For Installation With Adhesive, Deduct	*-15.11*	
		For Clear Anodized, Add	*16.42*	
		For Satin Face And Enameled Return, Add	*57.45*	
		For Color Anodized, Add	*82.08*	
		For Polished Or Patina Finish, Add	*82.08*	
		For Polished Anodized Finish, Add	*123.11*	
10 14 19 00-0112	EA	10" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	286.39	12.94
		For Installation With Adhesive, Deduct	*-19.50*	
		For Clear Anodized, Add	*23.46*	
		For Satin Face And Enameled Return, Add	*82.12*	
		For Color Anodized, Add	*117.31*	
		For Polished Or Patina Finish, Add	*117.31*	
		For Polished Anodized Finish, Add	*175.97*	
10 14 19 00-0113	EA	12" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	375.34	14.95
		For Installation With Adhesive, Deduct	*-24.75*	
		For Clear Anodized, Add	*31.55*	
		For Satin Face And Enameled Return, Add	*110.43*	
		For Color Anodized, Add	*157.76*	
		For Polished Or Patina Finish, Add	*157.76*	
		For Polished Anodized Finish, Add	*236.63*	
10 14 19 00-0114	EA	14" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	475.19	17.26
		For Installation With Adhesive, Deduct	*-30.66*	
		For Clear Anodized, Add	*40.62*	
		For Satin Face And Enameled Return, Add	*142.16*	
		For Color Anodized, Add	*203.09*	
		For Polished Or Patina Finish, Add	*203.09*	
		For Polished Anodized Finish, Add	*304.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0115	EA	16" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	590.68	20.71
		For Installation With Adhesive, Deduct	*-37.82*	
		For Clear Anodized, Add	*50.79*	
		For Satin Face And Enameled Return, Add	*177.75*	
		For Color Anodized, Add	*253.93*	
		For Polished Or Patina Finish, Add	*253.93*	
		For Polished Anodized Finish, Add	*380.89*	
10 14 19 00-0116	EA	18" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	716.11	23.00
		For Installation With Adhesive, Deduct	*-45.01*	
		For Clear Anodized, Add	*62.41*	
		For Satin Face And Enameled Return, Add	*218.42*	
		For Color Anodized, Add	*312.04*	
		For Polished Or Patina Finish, Add	*312.04*	
		For Polished Anodized Finish, Add	*468.05*	
10 14 19 00-0117	EA	20" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	881.76	25.88
		For Installation With Adhesive, Deduct	*-54.44*	
		For Clear Anodized, Add	*77.82*	
		For Satin Face And Enameled Return, Add	*272.38*	
		For Color Anodized, Add	*389.11*	
		For Polished Or Patina Finish, Add	*389.11*	
		For Polished Anodized Finish, Add	*583.67*	
10 14 19 00-0118	EA	22" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	1,052.16	27.32
		For Installation With Adhesive, Deduct	*-63.54*	
		For Clear Anodized, Add	*94.29*	
		For Satin Face And Enameled Return, Add	*330.00*	
		For Color Anodized, Add	*471.43*	
		For Polished Or Patina Finish, Add	*471.43*	
		For Polished Anodized Finish, Add	*707.15*	
10 14 19 00-0119	EA	24" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	1,243.17	28.76
		For Installation With Adhesive, Deduct	*-73.66*	
		For Clear Anodized, Add	*112.81*	
		For Satin Face And Enameled Return, Add	*394.85*	
		For Color Anodized, Add	*564.07*	
		For Polished Or Patina Finish, Add	*564.07*	
		For Polished Anodized Finish, Add	*846.10*	
10 14 19 00-0120	EA	30" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	1,758.25	34.52
		For Installation With Adhesive, Deduct	*-101.72*	
		For Clear Anodized, Add	*162.02*	
		For Satin Face And Enameled Return, Add	*567.07*	
		For Color Anodized, Add	*810.10*	
		For Polished Or Patina Finish, Add	*810.10*	
		For Polished Anodized Finish, Add	*1,215.14*	
10 14 19 00-0121		Satin Finish, Brass Characters *(10 14 19 00-0049)*		
10 14 19 00-0122		1/4" Deep, Satin Finish, Brass Characters *(10 14 19 00-0121)*		
10 14 19 00-0123	EA	2" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	67.04	7.20
		For Installation With Adhesive, Deduct	*-6.23*	
		For Oxidized Finish, Add	*5.74*	
		For Polished Finish, Add	*11.48*	
10 14 19 00-0124	EA	4" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	86.63	8.34
		For Installation With Adhesive, Deduct	*-7.67*	
		For Oxidized Finish, Add	*7.99*	
		For Polished Finish, Add	*15.98*	
10 14 19 00-0125	EA	6" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	119.56	10.06
		For Installation With Adhesive, Deduct	*-10.00*	
		For Oxidized Finish, Add	*11.90*	
		For Polished Finish, Add	*23.79*	
10 14 19 00-0126	EA	8" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	156.77	11.50
		For Installation With Adhesive, Deduct	*-12.44*	
		For Oxidized Finish, Add	*16.61*	
		For Polished Finish, Add	*33.23*	
10 14 19 00-0127	EA	10" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	200.81	12.94
		For Installation With Adhesive, Deduct	*-15.22*	
		For Oxidized Finish, Add	*22.36*	
		For Polished Finish, Add	*44.71*	
10 14 19 00-0128	EA	12" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	253.99	14.95
		For Installation With Adhesive, Deduct	*-18.68*	
		For Oxidized Finish, Add	*29.12*	
		For Polished Finish, Add	*58.25*	
10 14 19 00-0129	EA	14" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	317.87	17.26
		For Installation With Adhesive, Deduct	*-22.80*	
		For Oxidized Finish, Add	*37.33*	
		For Polished Finish, Add	*74.66*	
10 14 19 00-0130	EA	16" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	387.74	20.71
		For Installation With Adhesive, Deduct	*-27.67*	
		For Oxidized Finish, Add	*45.74*	
		For Polished Finish, Add	*91.47*	
10 14 19 00-0131	EA	18" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	470.98	23.00
		For Installation With Adhesive, Deduct	*-32.75*	
		For Oxidized Finish, Add	*56.84*	
		For Polished Finish, Add	*113.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0132	EA	20" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	560.22	25.88
		For Installation With Adhesive, Deduct	*-38.37*	
		For Oxidized Finish, Add	*68.50*	
		For Polished Finish, Add	*137.00*	
10 14 19 00-0133	EA	22" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	689.04	27.32
		For Installation With Adhesive, Deduct	*-45.38*	
		For Oxidized Finish, Add	*86.96*	
		For Polished Finish, Add	*173.92*	
10 14 19 00-0134	EA	24" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	755.73	28.76
		For Installation With Adhesive, Deduct	*-49.29*	
		For Oxidized Finish, Add	*96.10*	
		For Polished Finish, Add	*192.21*	
10 14 19 00-0135	EA	30" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,137.05	34.52
		For Installation With Adhesive, Deduct	*-70.66*	
		For Oxidized Finish, Add	*149.85*	
		For Polished Finish, Add	*299.70*	
10 14 19 00-0136		**3/8" Deep, Satin Finish, Brass Characters** *(10 14 19 00-0121)*		
10 14 19 00-0137	EA	2" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	80.44	7.20
		For Installation With Adhesive, Deduct	*-6.90*	
		For Oxidized Finish, Add	*7.75*	
		For Polished Finish, Add	*15.50*	
10 14 19 00-0138	EA	4" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	105.28	8.34
		For Installation With Adhesive, Deduct	*-8.60*	
		For Oxidized Finish, Add	*10.79*	
		For Polished Finish, Add	*21.58*	
10 14 19 00-0139	EA	6" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	151.29	10.06
		For Installation With Adhesive, Deduct	*-11.59*	
		For Oxidized Finish, Add	*16.65*	
		For Polished Finish, Add	*33.31*	
10 14 19 00-0140	EA	8" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	201.07	11.50
		For Installation With Adhesive, Deduct	*-14.66*	
		For Oxidized Finish, Add	*23.26*	
		For Polished Finish, Add	*46.52*	
10 14 19 00-0141	EA	10" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	267.87	12.94
		For Installation With Adhesive, Deduct	*-18.57*	
		For Oxidized Finish, Add	*32.42*	
		For Polished Finish, Add	*64.83*	
10 14 19 00-0142	EA	12" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	341.36	14.95
		For Installation With Adhesive, Deduct	*-23.05*	
		For Oxidized Finish, Add	*42.23*	
		For Polished Finish, Add	*84.46*	
10 14 19 00-0143	EA	14" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	429.86	17.26
		For Installation With Adhesive, Deduct	*-28.40*	
		For Oxidized Finish, Add	*54.13*	
		For Polished Finish, Add	*108.25*	
10 14 19 00-0144	EA	16" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	509.71	20.71
		For Installation With Adhesive, Deduct	*-33.77*	
		For Oxidized Finish, Add	*64.03*	
		For Polished Finish, Add	*128.06*	
10 14 19 00-0145	EA	18" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	641.51	23.00
		For Installation With Adhesive, Deduct	*-41.28*	
		For Oxidized Finish, Add	*82.42*	
		For Polished Finish, Add	*164.84*	
10 14 19 00-0146	EA	20" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	742.90	25.88
		For Installation With Adhesive, Deduct	*-47.50*	
		For Oxidized Finish, Add	*95.90*	
		For Polished Finish, Add	*191.81*	
10 14 19 00-0147	EA	22" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	915.14	27.32
		For Installation With Adhesive, Deduct	*-56.69*	
		For Oxidized Finish, Add	*120.88*	
		For Polished Finish, Add	*241.75*	
10 14 19 00-0148	EA	24" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,044.04	28.76
		For Installation With Adhesive, Deduct	*-63.71*	
		For Oxidized Finish, Add	*139.35*	
		For Polished Finish, Add	*278.70*	
10 14 19 00-0149	EA	30" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,446.74	34.52
		For Installation With Adhesive, Deduct	*-86.14*	
		For Oxidized Finish, Add	*196.30*	
		For Polished Finish, Add	*392.60*	
10 14 19 00-0150		**1/2" Deep, Satin Finish, Brass Characters** *(10 14 19 00-0121)*		
10 14 19 00-0151	EA	2" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	101.50	7.20
		For Installation With Adhesive, Deduct	*-7.95*	
		For Oxidized Finish, Add	*10.91*	
		For Polished Finish, Add	*21.82*	
10 14 19 00-0152	EA	4" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	131.92	8.34
		For Installation With Adhesive, Deduct	*-9.93*	
		For Oxidized Finish, Add	*14.78*	
		For Polished Finish, Add	*29.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0153	EA	6" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	190.94	10.06
		For Installation With Adhesive, Deduct	*-13.57*	
		For Oxidized Finish, Add	*22.60*	
		For Polished Finish, Add	*45.20*	
10 14 19 00-0154	EA	8" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	261.99	11.50
		For Installation With Adhesive, Deduct	*-17.70*	
		For Oxidized Finish, Add	*32.40*	
		For Polished Finish, Add	*64.79*	
10 14 19 00-0155	EA	10" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	364.75	12.94
		For Installation With Adhesive, Deduct	*-23.41*	
		For Oxidized Finish, Add	*46.95*	
		For Polished Finish, Add	*93.89*	
10 14 19 00-0156	EA	12" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	486.98	14.95
		For Installation With Adhesive, Deduct	*-30.33*	
		For Oxidized Finish, Add	*64.07*	
		For Polished Finish, Add	*128.15*	
10 14 19 00-0157	EA	14" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	604.05	17.26
		For Installation With Adhesive, Deduct	*-37.10*	
		For Oxidized Finish, Add	*80.25*	
		For Polished Finish, Add	*160.51*	
10 14 19 00-0158	EA	16" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	720.10	20.71
		For Installation With Adhesive, Deduct	*-44.29*	
		For Oxidized Finish, Add	*95.59*	
		For Polished Finish, Add	*191.18*	
10 14 19 00-0159	EA	18" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	982.56	23.00
		For Installation With Adhesive, Deduct	*-58.33*	
		For Oxidized Finish, Add	*133.58*	
		For Polished Finish, Add	*267.16*	
10 14 19 00-0160	EA	20" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,108.25	25.88
		For Installation With Adhesive, Deduct	*-65.77*	
		For Oxidized Finish, Add	*150.71*	
		For Polished Finish, Add	*301.41*	
10 14 19 00-0161	EA	22" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,384.74	27.32
		For Installation With Adhesive, Deduct	*-80.17*	
		For Oxidized Finish, Add	*191.32*	
		For Polished Finish, Add	*382.63*	
10 14 19 00-0162	EA	24" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,620.66	28.76
		For Installation With Adhesive, Deduct	*-92.54*	
		For Oxidized Finish, Add	*225.84*	
		For Polished Finish, Add	*451.69*	
10 14 19 00-0163	EA	30" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	2,445.73	34.52
		For Installation With Adhesive, Deduct	*-136.09*	
		For Oxidized Finish, Add	*346.15*	
		For Polished Finish, Add	*692.30*	

10 14 19 00-0164 3/4" Deep, Satin Finish, Brass Characters *(10 14 19 00-0121)*

10 14 19 00-0165	EA	2" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	124.47	7.20
		For Installation With Adhesive, Deduct	*-9.10*	
		For Oxidized Finish, Add	*14.36*	
		For Polished Finish, Add	*28.71*	
10 14 19 00-0166	EA	4" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	174.53	8.34
		For Installation With Adhesive, Deduct	*-12.06*	
		For Oxidized Finish, Add	*21.18*	
		For Polished Finish, Add	*42.35*	
10 14 19 00-0167	EA	6" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	238.52	10.06
		For Installation With Adhesive, Deduct	*-15.95*	
		For Oxidized Finish, Add	*29.74*	
		For Polished Finish, Add	*59.48*	
10 14 19 00-0168	EA	8" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	322.90	11.50
		For Installation With Adhesive, Deduct	*-20.75*	
		For Oxidized Finish, Add	*41.53*	
		For Polished Finish, Add	*83.06*	
10 14 19 00-0169	EA	10" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	439.27	12.94
		For Installation With Adhesive, Deduct	*-27.14*	
		For Oxidized Finish, Add	*58.13*	
		For Polished Finish, Add	*116.25*	
10 14 19 00-0170	EA	12" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	603.48	14.95
		For Installation With Adhesive, Deduct	*-36.16*	
		For Oxidized Finish, Add	*81.55*	
		For Polished Finish, Add	*163.10*	
10 14 19 00-0171	EA	14" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	753.36	17.26
		For Installation With Adhesive, Deduct	*-44.57*	
		For Oxidized Finish, Add	*102.65*	
		For Polished Finish, Add	*205.30*	
10 14 19 00-0172	EA	16" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	878.65	20.71
		For Installation With Adhesive, Deduct	*-52.22*	
		For Oxidized Finish, Add	*119.37*	
		For Polished Finish, Add	*238.75*	
10 14 19 00-0173	EA	18" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,172.03	23.00
		For Installation With Adhesive, Deduct	*-67.81*	
		For Oxidized Finish, Add	*162.00*	
		For Polished Finish, Add	*324.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0174	EA	20" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,281.79	25.88
		For Installation With Adhesive, Deduct	*-74.44*	
		For Oxidized Finish, Add	*176.74*	
		For Polished Finish, Add	*353.48*	
10 14 19 00-0175	EA	22" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,628.23	27.32
		For Installation With Adhesive, Deduct	*-92.34*	
		For Oxidized Finish, Add	*227.84*	
		For Polished Finish, Add	*455.68*	
10 14 19 00-0176	EA	24" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	2,069.14	28.76
		For Installation With Adhesive, Deduct	*-114.96*	
		For Oxidized Finish, Add	*293.12*	
		For Polished Finish, Add	*586.23*	
10 14 19 00-0177	EA	30" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	3,125.04	34.52
		For Installation With Adhesive, Deduct	*-170.06*	
		For Oxidized Finish, Add	*448.05*	
		For Polished Finish, Add	*896.09*	

10 14 19 00-0178 Satin Finish, Bronze Characters *(10 14 19 00-0049)*

10 14 19 00-0179 1/4" Deep, Satin Finish, Bronze Characters *(10 14 19 00-0178)*

10 14 19 00-0180	EA	2" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	74.78	7.20
		For Installation With Adhesive, Deduct	*-6.62*	
		For Oxidized Finish, Add	*6.90*	
		For Polished Or Patina Finish, Add	*13.81*	
10 14 19 00-0181	EA	4" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	97.46	8.34
		For Installation With Adhesive, Deduct	*-8.21*	
		For Oxidized Finish, Add	*9.62*	
		For Polished Or Patina Finish, Add	*19.23*	
10 14 19 00-0182	EA	6" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	135.59	10.06
		For Installation With Adhesive, Deduct	*-10.81*	
		For Oxidized Finish, Add	*14.30*	
		For Polished Or Patina Finish, Add	*28.60*	
10 14 19 00-0183	EA	8" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	179.15	11.50
		For Installation With Adhesive, Deduct	*-13.56*	
		For Oxidized Finish, Add	*19.97*	
		For Polished Or Patina Finish, Add	*39.94*	
10 14 19 00-0184	EA	10" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	230.92	12.94
		For Installation With Adhesive, Deduct	*-16.72*	
		For Oxidized Finish, Add	*26.87*	
		For Polished Or Patina Finish, Add	*53.75*	
10 14 19 00-0185	EA	12" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	293.22	14.95
		For Installation With Adhesive, Deduct	*-20.64*	
		For Oxidized Finish, Add	*35.01*	
		For Polished Or Patina Finish, Add	*70.02*	
10 14 19 00-0186	EA	14" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	368.16	17.26
		For Installation With Adhesive, Deduct	*-25.31*	
		For Oxidized Finish, Add	*44.87*	
		For Polished Or Patina Finish, Add	*89.74*	
10 14 19 00-0187	EA	16" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	457.57	20.71
		For Installation With Adhesive, Deduct	*-31.16*	
		For Oxidized Finish, Add	*56.21*	
		For Polished Or Patina Finish, Add	*112.42*	
10 14 19 00-0188	EA	18" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	548.96	23.00
		For Installation With Adhesive, Deduct	*-36.65*	
		For Oxidized Finish, Add	*68.54*	
		For Polished Or Patina Finish, Add	*137.08*	
10 14 19 00-0189	EA	20" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	652.50	25.88
		For Installation With Adhesive, Deduct	*-42.98*	
		For Oxidized Finish, Add	*82.34*	
		For Polished Or Patina Finish, Add	*164.69*	
10 14 19 00-0190	EA	22" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	763.46	27.32
		For Installation With Adhesive, Deduct	*-49.10*	
		For Oxidized Finish, Add	*98.12*	
		For Polished Or Patina Finish, Add	*196.25*	
10 14 19 00-0191	EA	24" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	885.89	28.76
		For Installation With Adhesive, Deduct	*-55.80*	
		For Oxidized Finish, Add	*115.63*	
		For Polished Or Patina Finish, Add	*231.26*	
10 14 19 00-0192	EA	30" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,351.04	34.52
		For Installation With Adhesive, Deduct	*-81.36*	
		For Oxidized Finish, Add	*181.95*	
		For Polished Or Patina Finish, Add	*363.89*	

10 14 19 00-0193 3/8" Deep, Satin Finish, Bronze Characters *(10 14 19 00-0178)*

10 14 19 00-0194	EA	2" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	89.51	7.20
		For Installation With Adhesive, Deduct	*-7.35*	
		For Oxidized Finish, Add	*9.11*	
		For Polished Or Patina Finish, Add	*18.23*	
10 14 19 00-0195	EA	4" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	117.33	8.34
		For Installation With Adhesive, Deduct	*-9.20*	
		For Oxidized Finish, Add	*12.60*	
		For Polished Or Patina Finish, Add	*25.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0196	EA	6" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	171.81	10.06
		For Installation With Adhesive, Deduct	*-12.62*	
		For Oxidized Finish, Add	*19.73*	
		For Polished Or Patina Finish, Add	*39.47*	
10 14 19 00-0197	EA	8" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	228.41	11.50
		For Installation With Adhesive, Deduct	*-16.02*	
		For Oxidized Finish, Add	*27.36*	
		For Polished Or Patina Finish, Add	*54.72*	
10 14 19 00-0198	EA	10" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	311.54	12.94
		For Installation With Adhesive, Deduct	*-20.75*	
		For Oxidized Finish, Add	*38.97*	
		For Polished Or Patina Finish, Add	*77.93*	
10 14 19 00-0199	EA	12" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	395.91	14.95
		For Installation With Adhesive, Deduct	*-25.78*	
		For Oxidized Finish, Add	*50.41*	
		For Polished Or Patina Finish, Add	*100.82*	
10 14 19 00-0200	EA	14" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	496.79	17.26
		For Installation With Adhesive, Deduct	*-31.74*	
		For Oxidized Finish, Add	*64.17*	
		For Polished Or Patina Finish, Add	*128.33*	
10 14 19 00-0201	EA	16" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	614.96	20.71
		For Installation With Adhesive, Deduct	*-39.03*	
		For Oxidized Finish, Add	*79.82*	
		For Polished Or Patina Finish, Add	*159.64*	
10 14 19 00-0202	EA	18" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	745.44	23.00
		For Installation With Adhesive, Deduct	*-46.48*	
		For Oxidized Finish, Add	*98.01*	
		For Polished Or Patina Finish, Add	*196.02*	
10 14 19 00-0203	EA	20" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	888.56	25.88
		For Installation With Adhesive, Deduct	*-54.78*	
		For Oxidized Finish, Add	*117.75*	
		For Polished Or Patina Finish, Add	*235.51*	
10 14 19 00-0204	EA	22" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,044.74	27.32
		For Installation With Adhesive, Deduct	*-63.17*	
		For Oxidized Finish, Add	*140.32*	
		For Polished Or Patina Finish, Add	*280.63*	
10 14 19 00-0205	EA	24" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,186.52	28.76
		For Installation With Adhesive, Deduct	*-70.83*	
		For Oxidized Finish, Add	*160.72*	
		For Polished Or Patina Finish, Add	*321.44*	
10 14 19 00-0206	EA	30" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,630.03	34.52
		For Installation With Adhesive, Deduct	*-95.31*	
		For Oxidized Finish, Add	*223.80*	
		For Polished Or Patina Finish, Add	*447.59*	

10 14 19 00-0207 1/2" Deep, Satin Finish, Bronze Characters *(10 14 19 00-0178)*

10 14 19 00-0208	EA	2" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	92.73	7.20
		For Installation With Adhesive, Deduct	*-7.51*	
		For Oxidized Finish, Add	*9.60*	
		For Polished Or Patina Finish, Add	*19.19*	
10 14 19 00-0209	EA	4" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	140.41	8.34
		For Installation With Adhesive, Deduct	*-10.36*	
		For Oxidized Finish, Add	*16.06*	
		For Polished Or Patina Finish, Add	*32.12*	
10 14 19 00-0210	EA	6" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	201.37	10.06
		For Installation With Adhesive, Deduct	*-14.09*	
		For Oxidized Finish, Add	*24.17*	
		For Polished Or Patina Finish, Add	*48.33*	
10 14 19 00-0211	EA	8" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	279.00	11.50
		For Installation With Adhesive, Deduct	*-18.55*	
		For Oxidized Finish, Add	*34.95*	
		For Polished Or Patina Finish, Add	*69.89*	
10 14 19 00-0212	EA	10" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	383.20	12.94
		For Installation With Adhesive, Deduct	*-24.34*	
		For Oxidized Finish, Add	*49.71*	
		For Polished Or Patina Finish, Add	*99.43*	
10 14 19 00-0213	EA	12" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	524.28	14.95
		For Installation With Adhesive, Deduct	*-32.20*	
		For Oxidized Finish, Add	*69.67*	
		For Polished Or Patina Finish, Add	*139.34*	
10 14 19 00-0214	EA	14" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	682.25	17.26
		For Installation With Adhesive, Deduct	*-41.01*	
		For Oxidized Finish, Add	*91.98*	
		For Polished Or Patina Finish, Add	*183.97*	
10 14 19 00-0215	EA	16" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	854.80	20.71
		For Installation With Adhesive, Deduct	*-51.02*	
		For Oxidized Finish, Add	*115.80*	
		For Polished Or Patina Finish, Add	*231.59*	
10 14 19 00-0216	EA	18" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,051.58	23.00
		For Installation With Adhesive, Deduct	*-61.78*	
		For Oxidized Finish, Add	*143.93*	
		For Polished Or Patina Finish, Add	*287.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0217	EA	20" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,261.86	25.88
		For Installation With Adhesive, Deduct	*-73.45*	
		For Oxidized Finish, Add	*173.75*	
		For Polished Or Patina Finish, Add	*347.50*	
10 14 19 00-0218	EA	22" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,496.11	27.32
		For Installation With Adhesive, Deduct	*-85.74*	
		For Oxidized Finish, Add	*208.02*	
		For Polished Or Patina Finish, Add	*416.04*	
10 14 19 00-0219	EA	24" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,741.54	28.76
		For Installation With Adhesive, Deduct	*-98.58*	
		For Oxidized Finish, Add	*243.98*	
		For Polished Or Patina Finish, Add	*487.95*	
10 14 19 00-0220	EA	30" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	2,442.73	34.52
		For Installation With Adhesive, Deduct	*-135.94*	
		For Oxidized Finish, Add	*345.70*	
		For Polished Or Patina Finish, Add	*691.40*	

10 14 19 00-0221 Satin Finish, Copper Characters *(10 14 19 00-0049)*

10 14 19 00-0222 1/4" Deep, Satin Finish, Copper Characters *(10 14 19 00-0221)*

10 14 19 00-0223	EA	2" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	67.04	7.20
		For Installation With Adhesive, Deduct	*-6.23*	
		For Polished Finish, Add	*11.48*	
10 14 19 00-0224	EA	4" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	88.05	8.34
		For Installation With Adhesive, Deduct	*-7.74*	
		For Polished Finish, Add	*16.41*	
10 14 19 00-0225	EA	6" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	125.03	10.06
		For Installation With Adhesive, Deduct	*-10.28*	
		For Polished Finish, Add	*25.43*	
10 14 19 00-0226	EA	8" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	166.34	11.50
		For Installation With Adhesive, Deduct	*-12.92*	
		For Polished Finish, Add	*36.10*	
10 14 19 00-0227	EA	10" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	211.75	12.94
		For Installation With Adhesive, Deduct	*-15.76*	
		For Polished Finish, Add	*47.99*	
10 14 19 00-0228	EA	12" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	270.40	14.95
		For Installation With Adhesive, Deduct	*-19.50*	
		For Polished Finish, Add	*63.17*	
10 14 19 00-0229	EA	14" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	339.75	17.26
		For Installation With Adhesive, Deduct	*-23.89*	
		For Polished Finish, Add	*81.22*	
10 14 19 00-0230	EA	16" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	419.19	20.71
		For Installation With Adhesive, Deduct	*-29.24*	
		For Polished Finish, Add	*100.91*	
10 14 19 00-0231	EA	18" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	503.60	23.00
		For Installation With Adhesive, Deduct	*-34.38*	
		For Polished Finish, Add	*123.47*	
10 14 19 00-0232	EA	20" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	597.14	25.88
		For Installation With Adhesive, Deduct	*-40.21*	
		For Polished Finish, Add	*148.08*	
10 14 19 00-0233	EA	22" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	698.63	27.32
		For Installation With Adhesive, Deduct	*-45.86*	
		For Polished Finish, Add	*176.80*	
10 14 19 00-0234	EA	24" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	808.27	28.76
		For Installation With Adhesive, Deduct	*-51.92*	
		For Polished Finish, Add	*207.97*	
10 14 19 00-0235	EA	30" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	1,164.20	34.52
		For Installation With Adhesive, Deduct	*-72.02*	
		For Polished Finish, Add	*307.84*	

10 14 19 00-0236 3/8" Deep, Satin Finish, Copper Characters *(10 14 19 00-0221)*

10 14 19 00-0237	EA	2" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	76.62	7.20
		For Installation With Adhesive, Deduct	*-6.71*	
		For Polished Finish, Add	*14.36*	
10 14 19 00-0238	EA	4" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	104.46	8.34
		For Installation With Adhesive, Deduct	*-8.56*	
		For Polished Finish, Add	*21.33*	
10 14 19 00-0239	EA	6" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	154.70	10.06
		For Installation With Adhesive, Deduct	*-11.76*	
		For Polished Finish, Add	*34.33*	
10 14 19 00-0240	EA	8" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	214.47	11.50
		For Installation With Adhesive, Deduct	*-15.33*	
		For Polished Finish, Add	*50.54*	
10 14 19 00-0241	EA	10" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	291.73	12.94
		For Installation With Adhesive, Deduct	*-19.76*	
		For Polished Finish, Add	*71.99*	
10 14 19 00-0242	EA	12" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	365.15	14.95
		For Installation With Adhesive, Deduct	*-24.24*	
		For Polished Finish, Add	*91.60*	
10 14 19 00-0243	EA	14" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	461.58	17.26
		For Installation With Adhesive, Deduct	*-29.98*	
		For Polished Finish, Add	*117.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0244	EA	16" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	570.55	20.71
		For Installation With Adhesive, Deduct	*-36.81*	
		For Polished Finish, Add	*146.32*	
10 14 19 00-0245	EA	18" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	688.81	23.00
		For Installation With Adhesive, Deduct	*-43.64*	
		For Polished Finish, Add	*179.03*	
10 14 19 00-0246	EA	20" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	819.26	25.88
		For Installation With Adhesive, Deduct	*-51.32*	
		For Polished Finish, Add	*214.72*	
10 14 19 00-0247	EA	22" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	963.83	27.32
		For Installation With Adhesive, Deduct	*-59.12*	
		For Polished Finish, Add	*256.36*	
10 14 19 00-0248	EA	24" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	1,085.56	28.76
		For Installation With Adhesive, Deduct	*-65.78*	
		For Polished Finish, Add	*291.16*	
10 14 19 00-0249	EA	30" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	1,523.35	34.52
		For Installation With Adhesive, Deduct	*-89.97*	
		For Polished Finish, Add	*415.59*	

10 14 19 00-0250 Satin Finish, Stainless Steel Characters *(10 14 19 00-0049)*

10 14 19 00-0251 1/4" Deep, Satin Finish, Stainless Steel Characters *(10 14 19 00-0250)*

10 14 19 00-0252	EA	2" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	63.34	7.20
		For Installation With Adhesive, Deduct	*-6.04*	
		For Polished Finish, Add	*10.37*	
10 14 19 00-0253	EA	4" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	83.50	8.34
		For Installation With Adhesive, Deduct	*-7.51*	
		For Polished Finish, Add	*15.04*	
10 14 19 00-0254	EA	6" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	107.69	10.06
		For Installation With Adhesive, Deduct	*-9.41*	
		For Polished Finish, Add	*20.23*	
10 14 19 00-0255	EA	8" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	139.38	11.50
		For Installation With Adhesive, Deduct	*-11.57*	
		For Polished Finish, Add	*28.01*	
10 14 19 00-0256	EA	10" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	171.07	12.94
		For Installation With Adhesive, Deduct	*-13.73*	
		For Polished Finish, Add	*35.79*	
10 14 19 00-0257	EA	12" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	210.25	14.95
		For Installation With Adhesive, Deduct	*-16.50*	
		For Polished Finish, Add	*45.13*	
10 14 19 00-0258	EA	14" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	252.29	17.26
		For Installation With Adhesive, Deduct	*-19.52*	
		For Polished Finish, Add	*54.98*	
10 14 19 00-0259	EA	16" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	302.41	20.71
		For Installation With Adhesive, Deduct	*-23.40*	
		For Polished Finish, Add	*65.87*	
10 14 19 00-0260	EA	18" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	353.11	23.00
		For Installation With Adhesive, Deduct	*-26.86*	
		For Polished Finish, Add	*78.32*	
10 14 19 00-0261	EA	20" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	413.02	25.88
		For Installation With Adhesive, Deduct	*-31.01*	
		For Polished Finish, Add	*92.84*	
10 14 19 00-0262	EA	22" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	481.03	27.32
		For Installation With Adhesive, Deduct	*-34.98*	
		For Polished Finish, Add	*111.52*	
10 14 19 00-0263	EA	24" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	550.74	28.76
		For Installation With Adhesive, Deduct	*-39.04*	
		For Polished Finish, Add	*130.71*	
10 14 19 00-0264	EA	30" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	757.03	34.52
		For Installation With Adhesive, Deduct	*-51.66*	
		For Polished Finish, Add	*185.69*	

10 14 19 00-0265 3/8" Deep, Satin Finish, Stainless Steel Characters *(10 14 19 00-0250)*

10 14 19 00-0266	EA	2" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	75.44	7.20
		For Installation With Adhesive, Deduct	*-6.65*	
		For Polished Finish, Add	*14.00*	
10 14 19 00-0267	EA	4" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	101.05	8.34
		For Installation With Adhesive, Deduct	*-8.39*	
		For Polished Finish, Add	*20.31*	
10 14 19 00-0268	EA	6" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	129.94	10.06
		For Installation With Adhesive, Deduct	*-10.52*	
		For Polished Finish, Add	*26.90*	
10 14 19 00-0269	EA	8" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	166.46	11.50
		For Installation With Adhesive, Deduct	*-12.93*	
		For Polished Finish, Add	*36.13*	
10 14 19 00-0270	EA	10" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	205.66	12.94
		For Installation With Adhesive, Deduct	*-15.46*	
		For Polished Finish, Add	*46.17*	
10 14 19 00-0271	EA	12" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	253.87	14.95
		For Installation With Adhesive, Deduct	*-18.68*	
		For Polished Finish, Add	*58.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0272	EA	14" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	305.44	17.26
		For Installation With Adhesive, Deduct	*-22.17*	
		For Polished Finish, Add	*70.93*	
10 14 19 00-0273	EA	16" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	366.08	20.71
		For Installation With Adhesive, Deduct	*-26.59*	
		For Polished Finish, Add	*84.98*	
10 14 19 00-0274	EA	18" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	426.21	23.00
		For Installation With Adhesive, Deduct	*-30.51*	
		For Polished Finish, Add	*100.25*	
10 14 19 00-0275	EA	20" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	499.68	25.88
		For Installation With Adhesive, Deduct	*-35.34*	
		For Polished Finish, Add	*118.84*	
10 14 19 00-0276	EA	22" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	562.80	27.32
		For Installation With Adhesive, Deduct	*-39.07*	
		For Polished Finish, Add	*136.05*	
10 14 19 00-0277	EA	24" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	646.59	28.76
		For Installation With Adhesive, Deduct	*-43.83*	
		For Polished Finish, Add	*159.47*	
10 14 19 00-0278	EA	30" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	893.20	34.52
		For Installation With Adhesive, Deduct	*-58.47*	
		For Polished Finish, Add	*226.54*	

10 14 19 00-0279 1/2" Deep, Satin Finish, Stainless Steel Characters *(10 14 19 00-0250)*

10 14 19 00-0280	EA	2" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	91.00	7.20
		For Installation With Adhesive, Deduct	*-7.43*	
		For Polished Finish, Add	*18.67*	
10 14 19 00-0281	EA	4" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	123.61	8.34
		For Installation With Adhesive, Deduct	*-9.52*	
		For Polished Finish, Add	*27.08*	
10 14 19 00-0282	EA	6" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	159.61	10.06
		For Installation With Adhesive, Deduct	*-12.01*	
		For Polished Finish, Add	*35.81*	
10 14 19 00-0283	EA	8" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	210.34	11.50
		For Installation With Adhesive, Deduct	*-15.12*	
		For Polished Finish, Add	*49.30*	
10 14 19 00-0284	EA	10" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	261.73	12.94
		For Installation With Adhesive, Deduct	*-18.26*	
		For Polished Finish, Add	*62.99*	
10 14 19 00-0285	EA	12" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	324.57	14.95
		For Installation With Adhesive, Deduct	*-22.21*	
		For Polished Finish, Add	*79.42*	
10 14 19 00-0286	EA	14" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	391.57	17.26
		For Installation With Adhesive, Deduct	*-26.48*	
		For Polished Finish, Add	*96.77*	
10 14 19 00-0287	EA	16" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	469.29	20.71
		For Installation With Adhesive, Deduct	*-31.75*	
		For Polished Finish, Add	*115.94*	
10 14 19 00-0288	EA	18" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	559.36	23.00
		For Installation With Adhesive, Deduct	*-37.17*	
		For Polished Finish, Add	*140.20*	
10 14 19 00-0289	EA	20" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	657.51	25.88
		For Installation With Adhesive, Deduct	*-43.23*	
		For Polished Finish, Add	*166.19*	
10 14 19 00-0290	EA	22" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	737.52	27.32
		For Installation With Adhesive, Deduct	*-47.81*	
		For Polished Finish, Add	*188.47*	
10 14 19 00-0291	EA	24" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	851.37	28.76
		For Installation With Adhesive, Deduct	*-54.07*	
		For Polished Finish, Add	*220.90*	
10 14 19 00-0292	EA	30" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	1,184.11	34.52
		For Installation With Adhesive, Deduct	*-73.01*	
		For Polished Finish, Add	*313.82*	

10 14 23 Panel Signage *(10 14)*

10 14 23 11 Panel Signage *(10 14 23)*

10 14 23 11-0001 Indoor/Outdoor Signs *(10 14 23 11)*

Note: Office number signs, conference room signs, restroom signs, stairway signs, fire extinguisher marker, ANSI/OSHA safety signs, entry/exit signs, etc.

10 14 23 11-0002 Surface Mount, Indoor/Outdoor Signs *(10 14 23 11-0001)*

10 14 23 11-0003 Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Signs *(10 14 23 11-0002)*

Note: Multi-color with words, symbols and graphics.

10 14 23 11-0004	EA	Up To 25 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	49.07	13.08
		For >25 To 50, Deduct	*-2.29*	
		For >50 To 100, Deduct	*-5.73*	
		For >100, Deduct	*-6.87*	
		For Clear Glass Mount, Add	*18.33*	
		For Glow-In-Dark, Add	*45.82*	
		For Reflective Finish, Add	*51.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0005	EA	>25 To 50 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	65.43	13.08
		For >25 To 50, Deduct	*-3.93*	
		For >50 To 100, Deduct	*-9.82*	
		For >100, Deduct	*-11.78*	
		For Clear Glass Mount, Add	*31.42*	
		For Glow-In-Dark, Add	*78.54*	
		For Reflective Finish, Add	*88.36*	
10 14 23 11-0006	EA	>50 To 100 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	91.61	13.08
		For >25 To 50, Deduct	*-6.55*	
		For >50 To 100, Deduct	*-16.36*	
		For >100, Deduct	*-19.64*	
		For Clear Glass Mount, Add	*52.36*	
		For Glow-In-Dark, Add	*130.90*	
		For Reflective Finish, Add	*147.26*	
10 14 23 11-0007	EA	>100 To 250 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	124.34	13.08
		For >25 To 50, Deduct	*-9.82*	
		For >50 To 100, Deduct	*-24.55*	
		For >100, Deduct	*-29.45*	
		For Clear Glass Mount, Add	*78.54*	
		For Glow-In-Dark, Add	*196.36*	
		For Reflective Finish, Add	*220.91*	
10 14 23 11-0008	EA	>250 To 500 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	183.24	13.08
		For >25 To 50, Deduct	*-15.71*	
		For >50 To 100, Deduct	*-39.27*	
		For >100, Deduct	*-47.12*	
		For Clear Glass Mount, Add	*125.66*	
		For Glow-In-Dark, Add	*314.16*	
		For Reflective Finish, Add	*353.43*	
10 14 23 11-0009	EA	>500 To 750 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	287.96	13.08
		For >25 To 50, Deduct	*-26.18*	
		For >50 To 100, Deduct	*-65.45*	
		For >100, Deduct	*-78.54*	
		For Clear Glass Mount, Add	*209.44*	
		For Glow-In-Dark, Add	*523.60*	
		For Reflective Finish, Add	*589.05*	
10 14 23 11-0010	EA	>750 To 1,000 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	418.86	13.08
		For >25 To 50, Deduct	*-39.27*	
		For >50 To 100, Deduct	*-98.18*	
		For >100, Deduct	*-117.81*	
		For Clear Glass Mount, Add	*314.16*	
		For Glow-In-Dark, Add	*785.40*	
		For Reflective Finish, Add	*883.58*	
10 14 23 11-0011	SI	>1,000 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	0.47	0.01
		For Clear Glass Mount, Add	*0.35*	
		For Glow-In-Dark, Add	*0.88*	
		For Reflective Finish, Add	*0.99*	

10 14 23 11-0012 Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Signs

(10 14 23 11-0002)

Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting.

10 14 23 11-0013	EA	Up To 25 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	55.61	13.08
		For >25 To 50, Deduct	*-2.95*	
		For >50 To 100, Deduct	*-7.36*	
		For >100, Deduct	*-8.84*	
		For Glow-In-Dark, Add	*58.90*	
		For Reflective Finish, Add	*63.32*	
10 14 23 11-0014	EA	>25 To 50 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	71.98	13.08
		For >25 To 50, Deduct	*-4.58*	
		For >50 To 100, Deduct	*-11.46*	
		For >100, Deduct	*-13.75*	
		For Glow-In-Dark, Add	*91.64*	
		For Reflective Finish, Add	*98.51*	
10 14 23 11-0015	EA	>50 To 100 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	104.70	13.08
		For >25 To 50, Deduct	*-7.85*	
		For >50 To 100, Deduct	*-19.64*	
		For >100, Deduct	*-23.56*	
		For Glow-In-Dark, Add	*157.08*	
		For Reflective Finish, Add	*168.86*	
10 14 23 11-0016	EA	>100 To 250 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	137.42	13.08
		For >25 To 50, Deduct	*-11.13*	
		For >50 To 100, Deduct	*-27.82*	
		For >100, Deduct	*-33.38*	
		For Glow-In-Dark, Add	*222.52*	
		For Reflective Finish, Add	*239.21*	
10 14 23 11-0017	EA	>250 To 500 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	186.51	13.08
		For >25 To 50, Deduct	*-16.04*	
		For >50 To 100, Deduct	*-40.09*	
		For >100, Deduct	*-48.11*	
		For Glow-In-Dark, Add	*320.70*	
		For Reflective Finish, Add	*344.75*	
10 14 23 11-0018	EA	>500 To 750 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	235.60	13.08
		For >25 To 50, Deduct	*-20.94*	
		For >50 To 100, Deduct	*-52.36*	
		For >100, Deduct	*-62.83*	
		For Glow-In-Dark, Add	*418.88*	
		For Reflective Finish, Add	*450.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0019	EA	>750 To 1,000 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	287.96	13.08
		For >25 To 50, Deduct	*-26.18*	
		For >50 To 100, Deduct	*-65.45*	
		For >100, Deduct	*-78.54*	
		For Glow-In-Dark, Add	*523.60*	
		For Reflective Finish, Add	*562.87*	
10 14 23 11-0020	SI	>1,000 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	0.32	0.01
		For Glow-In-Dark, Add	*0.58*	
		For Reflective Finish, Add	*0.62*	

10 14 23 11-0021 Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille *(10 14 23 11-0002)*

Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting. Excludes frame.

10 14 23 11-0022	EA	Up To 25 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	104.70	13.08
		For >25 To 50, Deduct	*-7.85*	
		For >50 To 100, Deduct	*-19.64*	
		For >100, Deduct	*-23.56*	
		For Molded Plastic Frame, Add	*15.00*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*23.00*	
		For 2" Height Slider Channel For Custom Inserts, Add	*35.00*	
10 14 23 11-0023	EA	>25 To 50 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	124.34	13.08
		For >25 To 50, Deduct	*-9.82*	
		For >50 To 100, Deduct	*-24.55*	
		For >100, Deduct	*-29.45*	
		For Molded Plastic Frame, Add	*17.00*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*28.00*	
		For 2" Height Slider Channel For Custom Inserts, Add	*35.00*	
10 14 23 11-0024	EA	>50 To 75 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	157.06	13.08
		For >25 To 50, Deduct	*-13.09*	
		For >50 To 100, Deduct	*-32.73*	
		For >100, Deduct	*-39.27*	
		For Molded Plastic Frame, Add	*19.00*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*31.00*	
10 14 23 11-0025	EA	>75 To 100 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	187.82	13.08
		For >25 To 50, Deduct	*-16.17*	
		For >50 To 100, Deduct	*-40.42*	
		For >100, Deduct	*-48.50*	
		For Molded Plastic Frame, Add	*21.00*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*35.00*	
10 14 23 11-0026	SI	>100 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	2.10	0.13
		For Molded Plastic Frame, Add	*0.20*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*0.31*	

10 14 23 11-0027 Engraved Steel, Surface Mount, Indoor/Outdoor Signs *(10 14 23 11-0002)*

Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting. Excludes frame.

10 14 23 11-0028	EA	Up To 25 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	57.10	13.08
		For >25 To 50, Deduct	*-3.09*	
		For >50 To 100, Deduct	*-7.74*	
		For >100, Deduct	*-9.28*	
		For Molded Plastic Frame, Add	*15.00*	
10 14 23 11-0029	EA	>25 To 50 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	66.87	13.08
		For >25 To 50, Deduct	*-4.07*	
		For >50 To 100, Deduct	*-10.18*	
		For >100, Deduct	*-12.21*	
		For Molded Plastic Frame, Add	*17.00*	
10 14 23 11-0030	EA	>50 To 75 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	79.89	13.08
		For >25 To 50, Deduct	*-5.37*	
		For >50 To 100, Deduct	*-13.43*	
		For >100, Deduct	*-16.12*	
		For Molded Plastic Frame, Add	*19.00*	
10 14 23 11-0031	EA	>75 To 100 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	105.95	13.08
		For >25 To 50, Deduct	*-7.98*	
		For >50 To 100, Deduct	*-19.95*	
		For >100, Deduct	*-23.94*	
		For Molded Plastic Frame, Add	*21.00*	
10 14 23 11-0032	SI	>100 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	1.06	0.13
		For Molded Plastic Frame, Add	*0.20*	

10 14 23 11-0033 Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Signs *(10 14 23 11-0002)*

Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting.

10 14 23 11-0034	EA	Up To 25 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	32.67	13.08
		For >25 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.63*	
		For >100, Deduct	*-1.95*	
		For Glow-In-Dark, Add	*3.91*	
		For Reflective Finish, Add	*4.88*	
10 14 23 11-0035	EA	>25 To 50 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	37.56	13.08
		For >25 To 50, Deduct	*-1.14*	
		For >50 To 100, Deduct	*-2.85*	
		For >100, Deduct	*-3.42*	
		For Glow-In-Dark, Add	*6.84*	
		For Reflective Finish, Add	*8.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0036	EA	>50 To 100 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	47.33	13.08
		For >25 To 50, Deduct	*-2.12*	
		For >50 To 100, Deduct	*-5.29*	
		For >100, Deduct	*-6.35*	
		For Glow-In-Dark, Add	*12.70*	
		For Reflective Finish, Add	*15.88*	
10 14 23 11-0037	EA	>100 To 250 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	58.73	13.08
		For >25 To 50, Deduct	*-3.26*	
		For >50 To 100, Deduct	*-8.14*	
		For >100, Deduct	*-9.77*	
		For Glow-In-Dark, Add	*19.54*	
		For Reflective Finish, Add	*24.43*	
10 14 23 11-0038	EA	>250 To 500 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	92.92	13.08
		For >25 To 50, Deduct	*-6.68*	
		For >50 To 100, Deduct	*-16.69*	
		For >100, Deduct	*-20.03*	
		For Glow-In-Dark, Add	*40.06*	
		For Reflective Finish, Add	*50.07*	
10 14 23 11-0039	EA	>500 To 750 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	107.58	13.08
		For >25 To 50, Deduct	*-8.14*	
		For >50 To 100, Deduct	*-20.36*	
		For >100, Deduct	*-24.43*	
		For Glow-In-Dark, Add	*48.85*	
		For Reflective Finish, Add	*61.07*	
10 14 23 11-0040	EA	>750 To 1,000 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	127.11	13.08
		For >25 To 50, Deduct	*-10.10*	
		For >50 To 100, Deduct	*-25.24*	
		For >100, Deduct	*-30.29*	
		For Glow-In-Dark, Add	*60.57*	
		For Reflective Finish, Add	*75.71*	
10 14 23 11-0041	SI	>1,000 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	0.14	0.01
		For Glow-In-Dark, Add	*0.07*	
		For Reflective Finish, Add	*0.08*	

10 14 23 11-0042 California Title 24, Surface Mount, Signs *(10 14 23 11-0002)*

10 14 23 11-0043 California Title 24, Surface Mount, Geometric Restroom Signs *(10 14 23 11-0042)*

Note: Includes 1/4" thick acrylic or PVC construction, color that contrasts with the door color, and with or without the international symbol of accessibility and staff only designation.

10 14 23 11-0044	EA	1/4" Thick, Equilateral Triangle With 12" Long Edges, California Title 24, Surface Mount, Geometric Male Restroom Sign	86.00	13.08
		For >25 To 50, Deduct	*-5.98*	
		For >50 To 100, Deduct	*-8.98*	
		For >100, Deduct	*-10.17*	
10 14 23 11-0045	EA	1/4" Thick, 12" Diameter, California Title 24, Surface Mount, Geometric Female Restroom Sign	86.00	13.08
		For >25 To 50, Deduct	*-5.98*	
		For >50 To 100, Deduct	*-8.98*	
		For >100, Deduct	*-10.17*	
10 14 23 11-0046	EA	1/4" Thick, 12" Diameter, California Title 24, Surface Mount, Geometric Unisex Restroom Sign Note: Includes contrasting color equilateral triangle with 12" long edges superimposed on the circle.	109.94	13.08
		For >25 To 50, Deduct	*-8.38*	
		For >50 To 100, Deduct	*-12.57*	
		For >100, Deduct	*-14.24*	

10 14 23 11-0047 California Title 24, Surface Mount, Stairwell Signs *(10 14 23 11-0042)*

Note: Includes 1/16" matte finish colored polymer face plate with 1/16" acrylic backer. Includes information on stairway location, roof access availability, floor level number, basement or mezzanine level identification and exit level and direction.

10 14 23 11-0048	EA	1/8" Thick, 12" x 18", California Title 24, Surface Mount, Stairwell Sign	161.23	13.08
		For >25 To 50, Deduct	*-13.51*	
		For >50 To 100, Deduct	*-20.26*	
		For >100, Deduct	*-22.96*	

10 14 23 11-0049 Ceiling Mount, Indoor/Outdoor Signs *(10 14 23 11-0001)*

10 14 23 11-0050 Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Signs *(10 14 23 11-0049)*

10 14 23 11-0051	EA	Up To 25 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	45.58	18.30
		For >25 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-2.24*	
		For >100, Deduct	*-2.69*	
		For Glow-In-Dark, Add	*5.38*	
		For Reflective Finish, Add	*6.72*	
10 14 23 11-0052	EA	>25 To 50 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	52.90	18.30
		For >25 To 50, Deduct	*-1.63*	
		For >50 To 100, Deduct	*-4.07*	
		For >100, Deduct	*-4.88*	
		For Glow-In-Dark, Add	*9.77*	
		For Reflective Finish, Add	*12.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0053	EA	>50 To 100 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	62.67	18.30
		For >25 To 50, Deduct	*-2.61*	
		For >50 To 100, Deduct	*-6.51*	
		For >100, Deduct	*-7.82*	
		For Glow-In-Dark, Add	*15.63*	
		For Reflective Finish, Add	*19.54*	
10 14 23 11-0054	EA	>100 To 150 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	77.33	18.30
		For >25 To 50, Deduct	*-4.07*	
		For >50 To 100, Deduct	*-10.18*	
		For >100, Deduct	*-12.21*	
		For Glow-In-Dark, Add	*24.43*	
		For Reflective Finish, Add	*30.53*	
10 14 23 11-0055		90 Degree, Projection Mount, Indoor/Outdoor Signs *(10 14 23 11-0001)*		
10 14 23 11-0056		Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Signs *(10 14 23 11-0055)*		
10 14 23 11-0057	EA	Up To 25 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	46.39	18.30
		For >25 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.44*	
		For >100, Deduct	*-2.93*	
		For Glow-In-Dark, Add	*5.86*	
		For Reflective Finish, Add	*7.33*	
10 14 23 11-0058	EA	>25 To 50 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	54.53	18.30
		For >25 To 50, Deduct	*-1.79*	
		For >50 To 100, Deduct	*-4.48*	
		For >100, Deduct	*-5.37*	
		For Glow-In-Dark, Add	*10.75*	
		For Reflective Finish, Add	*13.43*	
10 14 23 11-0059	EA	>50 To 100 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	72.44	18.30
		For >25 To 50, Deduct	*-3.58*	
		For >50 To 100, Deduct	*-8.96*	
		For >100, Deduct	*-10.75*	
		For Glow-In-Dark, Add	*21.49*	
		For Reflective Finish, Add	*26.87*	
10 14 23 11-0060	EA	>100 To 150 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	78.96	18.30
		For >25 To 50, Deduct	*-4.23*	
		For >50 To 100, Deduct	*-10.59*	
		For >100, Deduct	*-12.70*	
		For Glow-In-Dark, Add	*25.40*	
		For Reflective Finish, Add	*31.76*	
10 14 23 11-0061		Triangle, Projection Mount, Indoor/Outdoor Signs *(10 14 23 11-0001)*		
10 14 23 11-0062		Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Signs *(10 14 23 11-0061)*		
10 14 23 11-0063	EA	Up To 25 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	48.83	18.30
		For >25 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-3.05*	
		For >100, Deduct	*-3.66*	
		For Glow-In-Dark, Add	*7.33*	
		For Reflective Finish, Add	*9.16*	
10 14 23 11-0064	EA	>25 To 50 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	61.04	18.30
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.11*	
		For >100, Deduct	*-7.33*	
		For Glow-In-Dark, Add	*14.65*	
		For Reflective Finish, Add	*18.32*	
10 14 23 11-0065	EA	>50 To 100 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	65.93	18.30
		For >25 To 50, Deduct	*-2.93*	
		For >50 To 100, Deduct	*-7.33*	
		For >100, Deduct	*-8.79*	
		For Glow-In-Dark, Add	*17.59*	
		For Reflective Finish, Add	*21.98*	
10 14 23 11-0066	EA	>100 To 150 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	72.44	18.30
		For >25 To 50, Deduct	*-3.58*	
		For >50 To 100, Deduct	*-8.96*	
		For >100, Deduct	*-10.75*	
		For Glow-In-Dark, Add	*21.49*	
		For Reflective Finish, Add	*26.87*	
10 14 23 11-0067		Adhesive Backed Vinyl Characters *(10 14 23 11)* Note: Includes capital or lower case letters in any font or color. Includes numbers, symbols, punctuation marks, etc. Includes adhesive.		
10 14 23 11-0068	EA	1/2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	3.49	1.04
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.60*	
10 14 23 11-0069	EA	3/4" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	3.62	1.20
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.63*	
10 14 23 11-0070	EA	1" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	3.74	1.36
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.66*	
10 14 23 11-0071	EA	1-1/2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	4.98	1.56
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0072	EA	2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	5.16	1.84
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.88*	
10 14 23 11-0073	EA	3" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	7.31	2.10
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*1.28*	
10 14 23 11-0074	EA	4" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	7.84	2.36
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*1.42*	
10 14 23 11-0075	EA	6" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	10.54	2.62
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*1.95*	
10 14 23 11-0076	EA	8" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	12.69	2.88
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*2.49*	
10 14 23 11-0077	EA	10" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	16.26	3.14
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*3.25*	

10 14 23 11-0078 Standoffs For Wall Signage *(10 14 23 11)*

Note: Excludes signage

10 14 23 11-0079	EA	1/2" Diameter x 1/2" Long, Stainless Steel Standoff	16.16	5.76
10 14 23 11-0080	EA	1/2" Diameter x 3/4" Long, Stainless Steel Standoff	16.76	5.76
10 14 23 11-0081	EA	1/2" Diameter x 1" Long, Stainless Steel Standoff	16.91	5.76
10 14 23 11-0082	EA	5/8" Diameter x 1/2" Long, Stainless Steel Standoff	17.79	5.76
10 14 23 11-0083	EA	5/8" Diameter x 3/4" Long, Stainless Steel Standoff	18.39	5.76
10 14 23 11-0084	EA	5/8" Diameter x 1" Long, Stainless Steel Standoff	19.59	5.76
10 14 23 11-0085	EA	3/4" Diameter x 3/4" Long, Stainless Steel Standoff	19.27	6.90
10 14 23 11-0086	EA	3/4" Diameter x 1" Long, Stainless Steel Standoff	20.93	6.90
10 14 23 11-0087	EA	3/4" Diameter x 1-1/2" Long, Stainless Steel Standoff	22.28	6.90
10 14 23 11-0088	EA	1" Diameter x 3/4" Long, Stainless Steel Standoff	23.43	6.90
10 14 23 11-0089	EA	1" Diameter x 1" Long, Stainless Steel Standoff	25.38	6.90
10 14 23 11-0090	EA	1" Diameter x 1-1/2" Long, Stainless Steel Standoff	27.79	6.90
10 14 23 11-0091	EA	5/8" Diameter x 3/4" Long, Clear Anodized Aluminum Standoff	18.24	5.76
10 14 23 11-0092	EA	5/8" Diameter x 1" Long, Clear Anodized Aluminum Standoff	18.69	5.76
10 14 23 11-0093	EA	3/4" Diameter x 3/4" Long, Clear Anodized Aluminum Standoff	20.63	6.90
10 14 23 11-0094	EA	3/4" Diameter x 1" Long, Clear Anodized Aluminum Standoff	21.08	6.90
10 14 23 11-0095	EA	1" Diameter x 3/4" Long, Clear Anodized Aluminum Standoff	22.83	6.90
10 14 23 11-0096	EA	1" Diameter x 1" Long, Clear Anodized Aluminum Standoff	23.13	6.90

10 14 23 11-0097 Removal And Reinstallation Of Building Signage *(10 14 23 11)*

Note: Includes storage and cleaning.

10 14 23 11-0098	EA	Removal And Reinstallation Of Building Signage, Exterior Up To 4 SF	201.42
10 14 23 11-0099	EA	Removal And Reinstallation Of Building Signage, Exterior >4 To 12 SF	231.38
10 14 23 11-0100	EA	Removal And Reinstallation Of Building Signage, >12 To 20 SF	260.15
10 14 23 11-0101	EA	Removal And Reinstallation Of Interior Door And Office Signage, Up To 4SF	78.46

10 14 23 11-0102 Building Sign *(10 14 23 11)*

Note: Includes 4" numbers painted on sign. Installed on building.

10 14 23 11-0103	EA	6" x 18" Metal Building Sign With Numbers	199.55	31.38
10 14 23 11-0104	SF	Double Sided, Molding On Two Sides, For Mounting On Aluminum Posts	44.11	8.05
10 14 23 11-0105	SF	Single Sided, Molding On One Side, For Mounting On Structure Up To 20'	33.50	7.48
10 14 23 11-0106	EA	Aluminum Posts, Formed Prefinished, Ribbed, 4" Square, 6' High, 3' Deep	37.13	6.33
10 14 23 11-0107	EA	Aluminum Posts, Formed Prefinished, Ribbed, 4" Square, 8' High, 3' Deep	43.30	6.91
10 14 23 11-0108	EA	Aluminum Posts, Formed Prefinished, Ribbed, 6" Square, 10' High, 3' Deep	47.59	7.48
10 14 23 11-0109	EA	Aluminum Posts, Formed Prefinished, Ribbed, 6" Square, 15' High, 4' Deep	56.91	8.05

10 14 23 11-0110 Custom Signage *(10 14 23 11)*

10 14 23 11-0111	EA	4' Wide x 4' High x 3" Thick, Aluminum Cabinet, Brushed Satin Finish, Wall Signs (Non-Illuminated) With Wording (A.1 to A.4)	4,506.01	
10 14 23 11-0112	EA	6' Wide x 1' High x 2" Thick, Single Face, Aluminum Cabinet, Brushed Satin Finish, Hanging Signs (Non-Illuminated) With wording (B.1 to B.3)	2,767.05	
10 14 23 11-0113	EA	3'-4" Wide x 2'-3" High, Surface Applied, Vinyl Window Sign With Wording (Sign A)	354.93	
10 14 23 11-0114	EA	4'-1" Wide x 2'-3" High, Surface Applied, Vinyl Window Sign With Wording (Sign B)	356.98	
10 14 23 11-0115	EA	3'-1" Wide x 3'-1" High, Surface Applied, Vinyl Window Sign With Wording (Sign C)	356.98	
10 14 23 11-0116	EA	2'-10" Wide x 1'-6" High, Surface Applied, Vinyl Window Sign With Wording (Sign D1)	350.86	
10 14 23 11-0117	EA	2'-10" Wide x 5" High, Surface Applied, Vinyl Window Sign With Wording (Sign D2)	346.78	
10 14 23 11-0118	EA	8' Wide x 8' High, Surface Applied, Vinyl Graphic With Wording (D)	2,649.12	

10 14 53 Traffic Signage *(10 14)*

10 14 53 11 Traffic Signage *(10 14 53)*

10 14 53 11-0001 Traffic Signs *(10 14 53 11)*

10 14 53 11-0002 Reflectorized Stop Signs And Other Traffic Signs *(10 14 53 11-0001)*

Note: Excludes posts.

10 14 53 11-0003 Aluminum Engineer Grade Stop Signs *(10 14 53 11-0002)*

10 14 53 11-0004	EA	18" x 18" Aluminum Engineer Grade Stop Sign	92.39	23.54
		For Hi-Intensity Grade, Add	*13.59*	
		For Diamond Grade, Add	*25.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0005	EA	18" x 24" Aluminum Engineer Grade Stop Sign	108.95	24.90
		For Hi-Intensity Grade, Add	*17.78*	
		For Diamond Grade, Add	*33.77*	
10 14 53 11-0006	EA	24" x 24" Aluminum Engineer Grade Stop Sign	118.54	26.16
		For Hi-Intensity Grade, Add	*27.15*	
		For Diamond Grade, Add	*43.04*	
10 14 53 11-0007	EA	30" x 30" Aluminum Engineer Grade Stop Sign	139.74	27.51
		For Hi-Intensity Grade, Add	*10.18*	
		For Diamond Grade, Add	*55.13*	
10 14 53 11-0008	EA	36" x 36" Aluminum Engineer Grade Stop Sign	193.47	28.78
		For Hi-Intensity Grade, Add	*29.90*	
		For Diamond Grade, Add	*93.79*	
10 14 53 11-0009		**Steel Engineer Grade Stop Signs** *(10 14 53 11-0002)*		
10 14 53 11-0010	EA	18" x 18" Reflective Steel Stop Sign, Engineering Grade	143.17	23.54
10 14 53 11-0011	EA	18" x 24" Reflective Steel Stop Sign, Engineering Grade	180.60	24.90
10 14 53 11-0012	EA	24" x 24" Reflective Steel Stop Sign, Engineering Grade	191.71	26.16
10 14 53 11-0013	EA	30" x 30" Reflective Steel Stop Sign, Engineering Grade	276.68	27.51
10 14 53 11-0014	EA	36" x 36" Reflective Steel Stop Sign, Engineering Grade	353.24	28.78
10 14 53 11-0015		**Polyethylene Engineer Grade Stop Signs** *(10 14 53 11-0002)*		
10 14 53 11-0016	EA	18" x 18" Reflective Polyethylene Stop Sign, Engineering Grade	146.74	23.54
10 14 53 11-0017	EA	18" x 24" Reflective Polyethylene Stop Sign, Engineering Grade	189.72	24.90
10 14 53 11-0018	EA	24" x 24" Reflective Polyethylene Stop Sign, Engineering Grade	209.67	26.16
10 14 53 11-0019	EA	30" x 30" Reflective Polyethylene Stop Sign, Engineering Grade	277.50	27.51
10 14 53 11-0020		**Other Reflectorized Traffic Signs** *(10 14 53 11-0002)* Note: Other traffic signs includes reserve, handicap, visitor, no parking, property, speed limit, tow away, ADA, parking time limit, parking exclusive area, school, traffic/caution, etc. Excludes posts.		
10 14 53 11-0021		**Aluminum Engineer Grade Traffic Signs** *(10 14 53 11-0020)*		
10 14 53 11-0022	EA	6" x 12" Aluminum Engineer Grade Traffic Sign	53.07	20.92
		For Hi-Intensity Grade, Add	*3.37*	
		For Diamond Grade, Add	*6.40*	
10 14 53 11-0023	EA	6" x 18" Aluminum Engineer Grade Traffic Sign	58.69	20.92
		For Hi-Intensity Grade, Add	*5.05*	
		For Diamond Grade, Add	*9.60*	
10 14 53 11-0024	EA	9" x 12" Aluminum Engineer Grade Traffic Sign	58.69	20.92
		For Hi-Intensity Grade, Add	*5.05*	
		For Diamond Grade, Add	*9.60*	
10 14 53 11-0025	EA	9" x 15" Aluminum Engineer Grade Traffic Sign	62.89	20.92
		For Hi-Intensity Grade, Add	*6.31*	
		For Diamond Grade, Add	*11.99*	
10 14 53 11-0026	EA	9" x 18" Aluminum Engineer Grade Traffic Sign	67.10	20.92
		For Hi-Intensity Grade, Add	*7.58*	
		For Diamond Grade, Add	*14.39*	
10 14 53 11-0027	EA	9" x 24" Aluminum Engineer Grade Traffic Sign	78.13	22.24
		For Hi-Intensity Grade, Add	*10.10*	
		For Diamond Grade, Add	*19.19*	
10 14 53 11-0028	EA	9" x 48" Aluminum Engineer Grade Traffic Sign	111.80	22.24
		For Hi-Intensity Grade, Add	*20.20*	
		For Diamond Grade, Add	*38.38*	
10 14 53 11-0029	EA	12" x 12" Aluminum Engineer Grade Traffic Sign	64.30	20.92
		For Hi-Intensity Grade, Add	*6.74*	
		For Diamond Grade, Add	*12.80*	
10 14 53 11-0030	EA	12" x 18" Aluminum Engineer Grade Traffic Sign	78.13	22.24
		For Hi-Intensity Grade, Add	*10.10*	
		For Diamond Grade, Add	*19.19*	
10 14 53 11-0031	EA	12" x 24" Aluminum Engineer Grade Traffic Sign	89.36	22.24
		For Hi-Intensity Grade, Add	*13.47*	
		For Diamond Grade, Add	*25.59*	
10 14 53 11-0032	EA	12" x 30" Aluminum Engineer Grade Traffic Sign	100.58	22.24
		For Hi-Intensity Grade, Add	*16.84*	
		For Diamond Grade, Add	*31.99*	
10 14 53 11-0033	EA	12" x 36" Aluminum Engineer Grade Traffic Sign	111.80	22.24
		For Hi-Intensity Grade, Add	*20.20*	
		For Diamond Grade, Add	*38.38*	
10 14 53 11-0034	EA	18" x 18" Aluminum Engineer Grade Traffic Sign	94.97	22.24
		For Hi-Intensity Grade, Add	*15.15*	
		For Diamond Grade, Add	*28.79*	
10 14 53 11-0035	EA	18" x 24" Aluminum Engineer Grade Traffic Sign	111.80	22.24
		For Hi-Intensity Grade, Add	*20.20*	
		For Diamond Grade, Add	*38.38*	
10 14 53 11-0036	EA	18" x 30" Aluminum Engineer Grade Traffic Sign	131.26	23.54
		For Hi-Intensity Grade, Add	*25.25*	
		For Diamond Grade, Add	*47.98*	
10 14 53 11-0037	EA	18" x 36" Aluminum Engineer Grade Traffic Sign	148.10	23.54
		For Hi-Intensity Grade, Add	*30.31*	
		For Diamond Grade, Add	*57.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0038	EA	18" x 48" Aluminum Engineer Grade Traffic Sign	192.23	28.78
		For Hi-Intensity Grade, Add	*40.41*	
		For Diamond Grade, Add	*76.77*	
10 14 53 11-0039	EA	18" x 54" Aluminum Engineer Grade Traffic Sign	209.06	28.78
		For Hi-Intensity Grade, Add	*45.46*	
		For Diamond Grade, Add	*86.37*	
10 14 53 11-0040	EA	24" x 24" Aluminum Engineer Grade Traffic Sign	136.87	23.54
		For Hi-Intensity Grade, Add	*26.94*	
		For Diamond Grade, Add	*51.18*	
10 14 53 11-0041	EA	24" x 30" Aluminum Engineer Grade Traffic Sign	159.32	23.54
		For Hi-Intensity Grade, Add	*33.67*	
		For Diamond Grade, Add	*63.98*	
10 14 53 11-0042	EA	24" x 36" Aluminum Engineer Grade Traffic Sign	181.77	23.54
		For Hi-Intensity Grade, Add	*40.41*	
		For Diamond Grade, Add	*76.77*	
10 14 53 11-0043	EA	24" x 42" Aluminum Engineer Grade Traffic Sign	214.67	28.78
		For Hi-Intensity Grade, Add	*47.14*	
		For Diamond Grade, Add	*89.56*	
10 14 53 11-0044	EA	24" x 48" Aluminum Engineer Grade Traffic Sign	237.12	28.78
		For Hi-Intensity Grade, Add	*53.87*	
		For Diamond Grade, Add	*102.36*	
10 14 53 11-0045	EA	24" x 54" Aluminum Engineer Grade Traffic Sign	259.57	28.78
		For Hi-Intensity Grade, Add	*60.61*	
		For Diamond Grade, Add	*115.16*	
10 14 53 11-0046	EA	24" x 60" Aluminum Engineer Grade Traffic Sign	282.02	28.78
		For Hi-Intensity Grade, Add	*67.34*	
		For Diamond Grade, Add	*127.95*	
10 14 53 11-0047	EA	30" x 30" Aluminum Engineer Grade Traffic Sign	187.38	23.54
		For Hi-Intensity Grade, Add	*42.09*	
		For Diamond Grade, Add	*79.97*	
10 14 53 11-0048	EA	30" x 36" Aluminum Engineer Grade Traffic Sign	225.90	28.78
		For Hi-Intensity Grade, Add	*50.51*	
		For Diamond Grade, Add	*95.97*	
10 14 53 11-0049	EA	30" x 42" Aluminum Engineer Grade Traffic Sign	253.96	28.78
		For Hi-Intensity Grade, Add	*58.93*	
		For Diamond Grade, Add	*111.96*	
10 14 53 11-0050	EA	30" x 48" Aluminum Engineer Grade Traffic Sign	292.48	34.00
		For Hi-Intensity Grade, Add	*67.34*	
		For Diamond Grade, Add	*127.95*	
10 14 53 11-0051	EA	30" x 60" Aluminum Engineer Grade Traffic Sign	359.07	39.24
		For Hi-Intensity Grade, Add	*84.18*	
		For Diamond Grade, Add	*159.94*	
10 14 53 11-0052	EA	36" x 36" Aluminum Engineer Grade Traffic Sign	259.57	28.78
		For Hi-Intensity Grade, Add	*60.61*	
		For Diamond Grade, Add	*115.16*	
10 14 53 11-0053	EA	36" x 42" Aluminum Engineer Grade Traffic Sign	303.70	34.00
		For Hi-Intensity Grade, Add	*70.71*	
		For Diamond Grade, Add	*134.35*	
10 14 53 11-0054	EA	36" x 48" Aluminum Engineer Grade Traffic Sign	347.84	39.24
		For Hi-Intensity Grade, Add	*80.81*	
		For Diamond Grade, Add	*153.54*	
10 14 53 11-0055	EA	36" x 54" Aluminum Engineer Grade Traffic Sign	381.52	39.24
		For Hi-Intensity Grade, Add	*90.92*	
		For Diamond Grade, Add	*172.74*	
10 14 53 11-0056	EA	36" x 60" Aluminum Engineer Grade Traffic Sign	425.65	44.46
		For Hi-Intensity Grade, Add	*101.02*	
		For Diamond Grade, Add	*191.93*	
10 14 53 11-0057	EA	36" x 73" Aluminum Engineer Grade Traffic Sign	509.06	49.70
		For Hi-Intensity Grade, Add	*122.90*	
		For Diamond Grade, Add	*233.51*	
10 14 53 11-0058	EA	36" x 78" Aluminum Engineer Grade Traffic Sign	537.12	49.70
		For Hi-Intensity Grade, Add	*131.32*	
		For Diamond Grade, Add	*249.51*	
10 14 53 11-0059	EA	36" x 108" Aluminum Engineer Grade Traffic Sign	721.18	57.54
		For Hi-Intensity Grade, Add	*181.83*	
		For Diamond Grade, Add	*345.47*	
10 14 53 11-0060	EA	42" x 42" Aluminum Engineer Grade Traffic Sign	353.46	39.24
		For Hi-Intensity Grade, Add	*82.50*	
		For Diamond Grade, Add	*156.74*	
10 14 53 11-0061	EA	48" x 48" Aluminum Engineer Grade Traffic Sign	448.10	44.46
		For Hi-Intensity Grade, Add	*107.75*	
		For Diamond Grade, Add	*204.73*	
10 14 53 11-0062	EA	48" x 54" Aluminum Engineer Grade Traffic Sign	503.45	49.70
		For Hi-Intensity Grade, Add	*121.22*	
		For Diamond Grade, Add	*230.31*	
10 14 53 11-0063	EA	48" x 60" Aluminum Engineer Grade Traffic Sign	548.35	49.70
		For Hi-Intensity Grade, Add	*134.69*	
		For Diamond Grade, Add	*255.91*	
10 14 53 11-0064	EA	48" x 66" Aluminum Engineer Grade Traffic Sign	608.94	57.54
		For Hi-Intensity Grade, Add	*148.16*	
		For Diamond Grade, Add	*281.49*	
10 14 53 11-0065	EA	48" x 72" Aluminum Engineer Grade Traffic Sign	653.84	57.54
		For Hi-Intensity Grade, Add	*161.63*	
		For Diamond Grade, Add	*307.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0066	EA	48" x 84" Aluminum Engineer Grade Traffic Sign	754.09	62.78
		For Hi-Intensity Grade, Add	*188.56*	
		For Diamond Grade, Add	*358.27*	
10 14 53 11-0067	EA	48" x 96" Aluminum Engineer Grade Traffic Sign	843.88	62.78
		For Hi-Intensity Grade, Add	*215.50*	
		For Diamond Grade, Add	*409.45*	
10 14 53 11-0068	EA	48" x 102" Aluminum Engineer Grade Traffic Sign	888.78	62.78
		For Hi-Intensity Grade, Add	*228.97*	
		For Diamond Grade, Add	*435.04*	
10 14 53 11-0069	EA	48" x 108" Aluminum Engineer Grade Traffic Sign	938.90	65.39
		For Hi-Intensity Grade, Add	*242.44*	
		For Diamond Grade, Add	*460.63*	
10 14 53 11-0070	EA	60" x 72" Aluminum Engineer Grade Traffic Sign	798.99	62.78
		For Hi-Intensity Grade, Add	*202.03*	
		For Diamond Grade, Add	*383.86*	
10 14 53 11-0071	EA	72" x 144" Aluminum Engineer Grade Traffic Sign	1,783.64	83.70
		For Hi-Intensity Grade, Add	*484.87*	
		For Diamond Grade, Add	*921.26*	
10 14 53 11-0072	EA	78" x 96" Aluminum Engineer Grade Traffic Sign	1,298.07	65.39
		For Hi-Intensity Grade, Add	*350.19*	
		For Diamond Grade, Add	*665.36*	

10 14 53 11-0073 Polyethylene Engineer Grade Traffic Signs *(10 14 53 11-0020)*

10 14 53 11-0074	EA	6" x 12" Reflective Polyethylene Traffic Sign	101.53	19.67
10 14 53 11-0075	EA	12" x 12" Reflective Polyethylene Traffic Sign	116.18	20.92
10 14 53 11-0076	EA	12" x 18" Reflective Polyethylene Traffic Sign	124.47	22.29
10 14 53 11-0077	EA	18" x 18" Reflective Polyethylene Traffic Sign	152.02	23.54
10 14 53 11-0078	EA	18" x 24" Reflective Polyethylene Traffic Sign	189.72	24.90
10 14 53 11-0079	EA	24" x 24" Reflective Polyethylene Traffic Sign	214.27	24.90

10 14 53 11-0080 Non-Reflectorized Traffic Signs *(10 14 53 11-0001)*

Note: Includes reserved parking, handicap parking, visitor parking, no parking, tow away zones, etc. Excludes posts.

10 14 53 11-0081 Steel Non-Reflectorized Traffic Signs *(10 14 53 11-0080)*

10 14 53 11-0082	EA	6" x 12" Steel Non-Reflectorized Traffic Sign	50.89	20.92
10 14 53 11-0083	EA	6" x 18" Steel Non-Reflectorized Traffic Sign	55.41	20.92
10 14 53 11-0084	EA	9" x 12" Steel Non-Reflectorized Traffic Sign	55.41	20.92
10 14 53 11-0085	EA	9" x 15" Steel Non-Reflectorized Traffic Sign	58.80	20.92
10 14 53 11-0086	EA	9" x 18" Steel Non-Reflectorized Traffic Sign	62.19	20.92
10 14 53 11-0087	EA	9" x 24" Steel Non-Reflectorized Traffic Sign	71.58	22.24
10 14 53 11-0088	EA	9" x 48" Steel Non-Reflectorized Traffic Sign	98.69	22.24
10 14 53 11-0089	EA	12" x 12" Steel Non-Reflectorized Traffic Sign	59.93	20.92
10 14 53 11-0090	EA	12" x 18" Steel Non-Reflectorized Traffic Sign	71.58	22.24
10 14 53 11-0091	EA	12" x 24" Steel Non-Reflectorized Traffic Sign	80.62	22.24
10 14 53 11-0092	EA	12" x 30" Steel Non-Reflectorized Traffic Sign	89.65	22.24
10 14 53 11-0093	EA	12" x 36" Steel Non-Reflectorized Traffic Sign	98.69	22.24
10 14 53 11-0094	EA	18" x 18" Steel Non-Reflectorized Traffic Sign	85.13	22.24
10 14 53 11-0095	EA	18" x 24" Steel Non-Reflectorized Traffic Sign	98.69	22.24
10 14 53 11-0096	EA	18" x 30" Steel Non-Reflectorized Traffic Sign	114.87	23.54
10 14 53 11-0097	EA	18" x 36" Steel Non-Reflectorized Traffic Sign	128.43	23.54
10 14 53 11-0098	EA	18" x 48" Steel Non-Reflectorized Traffic Sign	166.01	28.78
10 14 53 11-0099	EA	18" x 54" Steel Non-Reflectorized Traffic Sign	179.56	28.78
10 14 53 11-0100	EA	24" x 24" Steel Non-Reflectorized Traffic Sign	119.39	23.54
10 14 53 11-0101	EA	24" x 30" Steel Non-Reflectorized Traffic Sign	137.47	23.54
10 14 53 11-0102	EA	24" x 36" Steel Non-Reflectorized Traffic Sign	155.55	23.54
10 14 53 11-0103	EA	24" x 42" Steel Non-Reflectorized Traffic Sign	184.08	28.78
10 14 53 11-0104	EA	24" x 48" Steel Non-Reflectorized Traffic Sign	202.16	28.78
10 14 53 11-0105	EA	24" x 54" Steel Non-Reflectorized Traffic Sign	220.24	28.78
10 14 53 11-0106	EA	24" x 60" Steel Non-Reflectorized Traffic Sign	238.32	28.78
10 14 53 11-0107	EA	30" x 30" Steel Non-Reflectorized Traffic Sign	160.07	23.54
10 14 53 11-0108	EA	30" x 36" Steel Non-Reflectorized Traffic Sign	193.12	28.78
10 14 53 11-0109	EA	30" x 42" Steel Non-Reflectorized Traffic Sign	215.72	28.78
10 14 53 11-0110	EA	30" x 48" Steel Non-Reflectorized Traffic Sign	248.78	34.00
10 14 53 11-0111	EA	30" x 60" Steel Non-Reflectorized Traffic Sign	304.44	39.24
10 14 53 11-0112	EA	36" x 36" Steel Non-Reflectorized Traffic Sign	220.24	28.78
10 14 53 11-0113	EA	36" x 42" Steel Non-Reflectorized Traffic Sign	257.82	34.00
10 14 53 11-0114	EA	36" x 48" Steel Non-Reflectorized Traffic Sign	295.40	39.24
10 14 53 11-0115	EA	36" x 54" Steel Non-Reflectorized Traffic Sign	322.52	39.24
10 14 53 11-0116	EA	36" x 60" Steel Non-Reflectorized Traffic Sign	360.09	44.46
10 14 53 11-0117	EA	36" x 73" Steel Non-Reflectorized Traffic Sign	429.31	49.70
10 14 53 11-0118	EA	36" x 78" Steel Non-Reflectorized Traffic Sign	451.90	49.70
10 14 53 11-0119	EA	36" x 108" Steel Non-Reflectorized Traffic Sign	603.19	57.54
10 14 53 11-0120	EA	42" x 42" Steel Non-Reflectorized Traffic Sign	299.92	39.24
10 14 53 11-0121	EA	48" x 48" Steel Non-Reflectorized Traffic Sign	378.17	44.46
10 14 53 11-0122	EA	48" x 54" Steel Non-Reflectorized Traffic Sign	424.79	49.70
10 14 53 11-0123	EA	48" x 60" Steel Non-Reflectorized Traffic Sign	460.94	49.70
10 14 53 11-0124	EA	48" x 66" Steel Non-Reflectorized Traffic Sign	512.80	57.54
10 14 53 11-0125	EA	48" x 72" Steel Non-Reflectorized Traffic Sign	548.95	57.54
10 14 53 11-0126	EA	48" x 84" Steel Non-Reflectorized Traffic Sign	631.72	62.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0127	EA	48" x 96" Steel Non-Reflectorized Traffic Sign	704.03	62.78
10 14 53 11-0128	EA	48" x 102" Steel Non-Reflectorized Traffic Sign	740.19	62.78
10 14 53 11-0129	EA	48" x 108" Steel Non-Reflectorized Traffic Sign	781.58	65.39
10 14 53 11-0130	EA	60" x 72" Steel Non-Reflectorized Traffic Sign	667.88	62.78
10 14 53 11-0131	EA	72" x 144" Steel Non-Reflectorized Traffic Sign	1,468.99	83.70
10 14 53 11-0132	EA	78" x 96" Steel Non-Reflectorized Traffic Sign	1,070.82	65.39
10 14 53 11-0133		**Aluminum Non-Reflectorized Traffic Signs** *(10 14 53 11-0080)*		
10 14 53 11-0134	EA	6" x 12" Aluminum Non-Reflectorized Traffic Sign	51.26	20.92
10 14 53 11-0135	EA	6" x 18" Aluminum Non-Reflectorized Traffic Sign	55.96	20.92
10 14 53 11-0136	EA	9" x 12" Aluminum Non-Reflectorized Traffic Sign	55.96	20.92
10 14 53 11-0137	EA	9" x 15" Aluminum Non-Reflectorized Traffic Sign	59.49	20.92
10 14 53 11-0138	EA	9" x 18" Aluminum Non-Reflectorized Traffic Sign	63.02	20.92
10 14 53 11-0139	EA	9" x 24" Aluminum Non-Reflectorized Traffic Sign	72.68	22.24
10 14 53 11-0140	EA	9" x 48" Aluminum Non-Reflectorized Traffic Sign	100.90	22.24
10 14 53 11-0141	EA	12" x 12" Aluminum Non-Reflectorized Traffic Sign	60.66	20.92
10 14 53 11-0142	EA	12" x 18" Aluminum Non-Reflectorized Traffic Sign	72.68	22.24
10 14 53 11-0143	EA	12" x 24" Aluminum Non-Reflectorized Traffic Sign	82.09	22.24
10 14 53 11-0144	EA	12" x 30" Aluminum Non-Reflectorized Traffic Sign	91.50	22.24
10 14 53 11-0145	EA	12" x 36" Aluminum Non-Reflectorized Traffic Sign	100.90	22.24
10 14 53 11-0146	EA	18" x 18" Aluminum Non-Reflectorized Traffic Sign	86.79	22.24
10 14 53 11-0147	EA	18" x 24" Aluminum Non-Reflectorized Traffic Sign	100.90	22.24
10 14 53 11-0148	EA	18" x 30" Aluminum Non-Reflectorized Traffic Sign	117.63	23.54
10 14 53 11-0149	EA	18" x 36" Aluminum Non-Reflectorized Traffic Sign	131.74	23.54
10 14 53 11-0150	EA	18" x 48" Aluminum Non-Reflectorized Traffic Sign	170.43	28.78
10 14 53 11-0151	EA	18" x 54" Aluminum Non-Reflectorized Traffic Sign	184.54	28.78
10 14 53 11-0152	EA	24" x 24" Aluminum Non-Reflectorized Traffic Sign	122.34	23.54
10 14 53 11-0153	EA	24" x 30" Aluminum Non-Reflectorized Traffic Sign	141.15	23.54
10 14 53 11-0154	EA	24" x 36" Aluminum Non-Reflectorized Traffic Sign	159.97	23.54
10 14 53 11-0155	EA	24" x 42" Aluminum Non-Reflectorized Traffic Sign	189.24	28.78
10 14 53 11-0156	EA	24" x 48" Aluminum Non-Reflectorized Traffic Sign	208.05	28.78
10 14 53 11-0157	EA	24" x 54" Aluminum Non-Reflectorized Traffic Sign	226.87	28.78
10 14 53 11-0158	EA	24" x 60" Aluminum Non-Reflectorized Traffic Sign	245.68	28.78
10 14 53 11-0159	EA	30" x 30" Aluminum Non-Reflectorized Traffic Sign	164.67	23.54
10 14 53 11-0160	EA	30" x 36" Aluminum Non-Reflectorized Traffic Sign	198.65	28.78
10 14 53 11-0161	EA	30" x 42" Aluminum Non-Reflectorized Traffic Sign	222.17	28.78
10 14 53 11-0162	EA	30" x 48" Aluminum Non-Reflectorized Traffic Sign	256.14	34.00
10 14 53 11-0163	EA	30" x 60" Aluminum Non-Reflectorized Traffic Sign	313.65	39.24
10 14 53 11-0164	EA	36" x 36" Aluminum Non-Reflectorized Traffic Sign	226.87	28.78
10 14 53 11-0165	EA	36" x 42" Aluminum Non-Reflectorized Traffic Sign	265.55	34.00
10 14 53 11-0166	EA	36" x 48" Aluminum Non-Reflectorized Traffic Sign	304.24	39.24
10 14 53 11-0167	EA	36" x 54" Aluminum Non-Reflectorized Traffic Sign	332.46	39.24
10 14 53 11-0168	EA	36" x 60" Aluminum Non-Reflectorized Traffic Sign	371.15	44.46
10 14 53 11-0169	EA	36" x 73" Aluminum Non-Reflectorized Traffic Sign	442.75	49.70
10 14 53 11-0170	EA	36" x 78" Aluminum Non-Reflectorized Traffic Sign	466.27	49.70
10 14 53 11-0171	EA	36" x 108" Aluminum Non-Reflectorized Traffic Sign	623.08	57.54
10 14 53 11-0172	EA	42" x 42" Aluminum Non-Reflectorized Traffic Sign	308.95	39.24
10 14 53 11-0173	EA	48" x 48" Aluminum Non-Reflectorized Traffic Sign	389.96	44.46
10 14 53 11-0174	EA	48" x 54" Aluminum Non-Reflectorized Traffic Sign	438.05	49.70
10 14 53 11-0175	EA	48" x 60" Aluminum Non-Reflectorized Traffic Sign	475.68	49.70
10 14 53 11-0176	EA	48" x 66" Aluminum Non-Reflectorized Traffic Sign	529.01	57.54
10 14 53 11-0177	EA	48" x 72" Aluminum Non-Reflectorized Traffic Sign	566.63	57.54
10 14 53 11-0178	EA	48" x 84" Aluminum Non-Reflectorized Traffic Sign	652.35	62.78
10 14 53 11-0179	EA	48" x 96" Aluminum Non-Reflectorized Traffic Sign	727.61	62.78
10 14 53 11-0180	EA	48" x 102" Aluminum Non-Reflectorized Traffic Sign	765.24	62.78
10 14 53 11-0181	EA	48" x 108" Aluminum Non-Reflectorized Traffic Sign	808.10	65.39
10 14 53 11-0182	EA	60" x 72" Aluminum Non-Reflectorized Traffic Sign	689.98	62.78
10 14 53 11-0183	EA	72" x 144" Aluminum Non-Reflectorized Traffic Sign	1,522.03	83.70
10 14 53 11-0184	EA	78" x 96" Aluminum Non-Reflectorized Traffic Sign	1,109.13	65.39
10 14 53 11-0185		**Polyethylene Non-Reflectorized Traffic Signs** *(10 14 53 11-0080)*		
10 14 53 11-0186	EA	6" x 12" Non-Reflective Polyethylene Traffic Sign	83.96	19.67
10 14 53 11-0187	EA	12" x 12" Non-Reflective Polyethylene Traffic Sign	92.10	20.92
10 14 53 11-0188	EA	12" x 18" Non-Reflective Polyethylene Traffic Sign	99.36	22.29
10 14 53 11-0189	EA	18" x 18" Non-Reflective Polyethylene Traffic Sign	134.06	23.54
10 14 53 11-0190	EA	18" x 24" Non-Reflective Polyethylene Traffic Sign	143.89	24.90
10 14 53 11-0191	EA	24" x 24" Non-Reflective Polyethylene Traffic Sign	168.48	26.16
10 14 53 11-0192		**Signs For Overhead Sign Structures** *(10 14 53 11-0001)*		
		Note: Including horizontal Z-bars.		
10 14 53 11-0193	SF	From 30 To 360 SF Signs For Overhead Sign Structures	25.00	
		For Over 10' High, Add	*13.00*	
10 14 53 11-0194	VLF	Vertical Sign Hangers For Overhead Sign Structures, Per Hanger	32.50	
		Note: Includes U-bolts, vertical aluminum Z-bars, clip angles and stainless steel hardware.		
10 14 53 11-0195		**Flashing Beacon** *(10 14 53 11-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0196	EA	8" Diameter LED Flashing Beacon Note: Excludes sign and post	1,421.11	209.86
10 14 53 11-0197		**Rectangular Rapid Flashing Beacons (RRFB)** *(10 14 53 11-0001)*		
10 14 53 11-0198	EA	2.5"(h) x 17.5"(w) x 2.75"(d), Solar Powered, Single, LED Rectangular Rapid Flashing Beacon (RRFB) Note: Includes standard push button, 20 watt solar panel, 12v/22 AH battery, lockable control cabinet. Excludes sign and post	1,737.80	209.86
10 14 53 11-0199	EA	3.5″(h) x 20″(w) x 3″(d) LED Rectangular Rapid Flashing Beacons (RRFB), Solar Powered, Back To Back Note: Includes standard push button, 20 watt solar panel, 12v/22 AH battery, lockable control cabinet. Excludes sign and post	3,680.48	209.86
10 14 53 11-0200		**Aluminum Street Signs** *(10 14 53 11-0001)* Note: Excludes posts.		
10 14 53 11-0201		**Aluminum Engineer Grade Street Signs** *(10 14 53 11-0200)*		
10 14 53 11-0202	EA	6" High, Aluminum Engineer Grade Street Sign	113.74	10.46
		For Hi-Intensity Grade, Add	*27.85*	
		For Diamond Grade, Add	*52.91*	
10 14 53 11-0203	EA	8" High, Aluminum Engineer Grade Street Sign	130.13	10.46
		For Hi-Intensity Grade, Add	*32.76*	
		For Diamond Grade, Add	*62.25*	
10 14 53 11-0204	EA	9" High, Aluminum Engineer Grade Street Sign	142.32	10.46
		For Hi-Intensity Grade, Add	*36.42*	
		For Diamond Grade, Add	*69.20*	
10 14 53 11-0205		**Street Sign Accessories** *(10 14 53 11-0200)*		
10 14 53 11-0206	EA	Single Bracket And Post Cap For Street Sign	32.79	5.24
10 14 53 11-0207	EA	Double Bracket And Post Cap For Street Sign	32.79	5.24
10 14 53 11-0208		**Sign Posts** *(10 14 53 11-0001)* Note: Excludes sign. See CSI section 32 31 13 13-0001 for auguring of holes and backfill., 32 31 13 13-0019 for concrete fill.		
10 14 53 11-0209		**U-Channel Sign Posts** *(10 14 53 11-0208)* Note: Excludes digging and concrete.		
10 14 53 11-0210		**Baked Enamel U-Channel Sign Posts** *(10 14 53 11-0209)*		
10 14 53 11-0211	EA	3' To 4' Baked Enamel U-Channel Sign Post Base	81.39	21.32
10 14 53 11-0212	EA	6' Baked Enamel U-Channel Sign Post	107.80	26.66
10 14 53 11-0213	EA	7' Baked Enamel U-Channel Sign Post	128.60	31.99
10 14 53 11-0214	EA	8' Baked Enamel U-Channel Sign Post	150.66	37.32
10 14 53 11-0215	EA	10' Baked Enamel U-Channel Sign Post	181.59	45.32
10 14 53 11-0216	EA	12' Baked Enamel U-Channel Sign Post	187.80	45.32
10 14 53 11-0217		**Galvanized Steel U-Channel Sign Posts** *(10 14 53 11-0209)*		
10 14 53 11-0218	EA	3' To 4' Galvanized Steel U-Channel Sign Post Base	89.37	21.32
10 14 53 11-0219	EA	6' Galvanized Steel U-Channel Sign Post	120.47	26.66
10 14 53 11-0220	EA	7' Galvanized Steel U-Channel Sign Post	157.26	31.99
10 14 53 11-0221	EA	8' Galvanized Steel U-Channel Sign Post	182.35	37.32
10 14 53 11-0222	EA	10' Galvanized Steel U-Channel Sign Post	204.65	45.32
10 14 53 11-0223	EA	12' Galvanized Steel U-Channel Sign Post	207.86	45.32
10 14 53 11-0224		**Fiberglass Or Composite Plastic U-Channel Sign Posts** *(10 14 53 11-0209)*		
10 14 53 11-0225	EA	3' To 4' Fiberglass Or Composite Plastic U-Channel Sign Post Base	79.51	21.32
10 14 53 11-0226	EA	6' Fiberglass Or Composite Plastic U-Channel Sign Post	103.70	26.66
10 14 53 11-0227	EA	7' Fiberglass Or Composite Plastic U-Channel Sign Post	123.65	31.99
10 14 53 11-0228	EA	8' Fiberglass Or Composite Plastic U-Channel Sign Post	144.77	37.32
10 14 53 11-0229	EA	10' Fiberglass Or Composite Plastic U-Channel Sign Post	170.90	45.32
10 14 53 11-0230	EA	12' Fiberglass Or Composite Plastic U-Channel Sign Post	181.46	45.32
10 14 53 11-0231		**Tubular Sign Posts** *(10 14 53 11-0208)* Note: Excludes digging and concrete.		
10 14 53 11-0232		**2-3/8" Diameter, Galvanized Steel Tubular Sign Post** *(10 14 53 11-0231)*		
10 14 53 11-0233	EA	6', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	121.78	26.66
10 14 53 11-0234	EA	7', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	144.25	31.99
10 14 53 11-0235	EA	8', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	170.73	37.32
10 14 53 11-0236	EA	10', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	221.99	45.32
10 14 53 11-0237	EA	12', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	243.75	45.32
10 14 53 11-0238		**Square Sign Posts** *(10 14 53 11-0208)* Note: Excludes digging and concrete.		
10 14 53 11-0239		**Galvanized Steel Square Sign Posts** *(10 14 53 11-0238)*		
10 14 53 11-0240	EA	3' To 4' Galvanized Steel Square Sign Post Base	91.15	21.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0241	EA	6' Galvanized Steel Square Sign Post	150.49	26.66
10 14 53 11-0242	EA	7' Galvanized Steel Square Sign Post	175.93	31.99
10 14 53 11-0243	EA	8' Galvanized Steel Square Sign Post	205.20	37.32
10 14 53 11-0244	EA	10' Galvanized Steel Square Sign Post	250.76	45.32
10 14 53 11-0245	EA	12' Galvanized Steel Square Sign Post	265.95	45.32
10 14 53 11-0246		**Standard Driven Street Sign Posts, Square** *(10 14 53 11-0238)*		
10 14 53 11-0247	EA	12' x 2" Square 12 Gauge Galvanized Steel Sign Post With 1'-6" x 2-1/2" Square Sleeve And 2'-6" x 2-1/4" Square Anchor Driven Into Earth	324.04	45.32
10 14 53 11-0248		**Other Sign Posts And Bases** *(10 14 53 11-0001)* Note: For breakaway post systems, base posts are driven in, sign posts bolted to base post using lap splice hardware kit.		
10 14 53 11-0249		**2.5 Lb./FT Breakaway Sign Posts And Base Posts** *(10 14 53 11-0248)*		
10 14 53 11-0250		**Base Posts, 2.5 Lb./LF, For Breakaway Sign Posts** *(10 14 53 11-0249)*		
10 14 53 11-0251	EA	Base Post for 2.5 Lb./LF Breakaway Sign Post	105.60	26.16
10 14 53 11-0252	EA	Lap Splice Hardware For 2.5 Lb./LF Breakaway Sign Post	63.74	20.92
10 14 53 11-0253		**Breakaway Sign Posts, 2.5 Lb./LF** *(10 14 53 11-0249)*		
10 14 53 11-0254	LF	2.5 Lb./LF Breakaway Sign Post	13.18	2.62
10 14 53 11-0255		**4 Lb./FT Breakaway Sign Posts And Base Posts** *(10 14 53 11-0248)*		
10 14 53 11-0256		**Base Posts, 4 Lb./LF, For Breakaway Sign Posts** *(10 14 53 11-0255)*		
10 14 53 11-0257	EA	Base Post For 4 Lb./LF Breakaway Sign Post	110.35	31.38
10 14 53 11-0258	EA	Lap Splice Hardware for 4 Lb./LF Breakaway Sign Post	63.74	20.92
10 14 53 11-0259		**Breakaway Sign Posts, 4 Lb./LF** *(10 14 53 11-0255)*		
10 14 53 11-0260	LF	4 Lb./LF Breakaway Sign Post	16.13	2.62
10 14 53 11-0261		**Driven Sign Posts** *(10 14 53 11-0248)*		
10 14 53 11-0262		**Driven Posts, 2.5 Lb./LF** *(10 14 53 11-0261)*		
10 14 53 11-0263	LF	2.5 Lb./LF Driven Post	14.22	3.66
10 14 53 11-0264		**Driven Posts, 4 Lb./LF** *(10 14 53 11-0261)*		
10 14 53 11-0265	LF	4 Lb./LF Driven Post	17.69	4.18
10 14 53 11-0266		**Omni-Directional Breakaway System For Sign Posts And Light Poles** *(10 14 53 11-0248)*		
10 14 53 11-0267		**Omni-Directional Breakaway Systems For Signs** *(10 14 53 11-0266)* Note: Break-Safe as manufactured by Tramspo Industries. Tasks are organized by post type and size. Includes hinges, anchors, sleeve, all associated parts and drilling.		
10 14 53 11-0268	EA	Omni-Directional Breakaway System For 6" To 8" Wide Flange (Tramspo B525)	1,518.60	
10 14 53 11-0269	EA	Omni-Directional Breakaway System For 10" To 21" Wide Flange (Tramspo B650)	1,618.05	
10 14 53 11-0270	EA	Omni-Directional Breakaway System For Standard I Beam Or W6x9 Flange (Tramspo AI4 And AI6)	1,109.30	
10 14 53 11-0271	EA	Omni-Directional Breakaway System For 3" To 4.5" Outside Diameter Pipe (Tramspo A3 And A4.5)	971.60	
10 14 53 11-0272	EA	Omni-Directional Breakaway System For Square Tube (Tramspo AS3 And AS4)	1,101.65	
10 14 53 11-0273	EA	Omni-Directional Breakaway System For U-Channels (Tramspo AU4 To AU6)	1,048.10	
10 14 53 11-0274	EA	Omni-Directional Breakaway System For U-Channels Embedded (Tramspo AUX4 To AUX6)	1,136.08	
10 14 53 11-0275		**Omni-Directional Breakaway Systems For Poles** *(10 14 53 11-0266)* Note: Pole-Safe as Manufactured by Tramspo Industries. Tasks are organized by bolt size. Includes four couplings, all associated parts, drilling and can be for new or for retrofitting existing poles.		
10 14 53 11-0276	EA	Omni-Directional Breakaway System For Poles With 5/8" Couplings	515.07	
10 14 53 11-0277	EA	Omni-Directional Breakaway System For Poles With 3/4" Couplings	539.99	
10 14 53 11-0278	EA	Omni-Directional Breakaway System For Poles With 1" Couplings	560.76	
10 14 53 11-0279	EA	Omni-Directional Breakaway System For Poles With 1 1/4" Couplings	851.53	
10 14 53 11-0280	EA	Skirt For Omni-Directional Breakaway System For Poles With Bolt Circle Diameter Of 10" To Less Than 15"	74.77	
10 14 53 11-0281	EA	Skirt For Omni-Directional Breakaway System For Poles With Bolt Circle Diameter Of 15" To 20"	99.70	
10 14 53 11-0282		**Sign Post Accessories** *(10 14 53 11-0001)*		
10 14 53 11-0283		**Sign Post Brackets** *(10 14 53 11-0282)*		
10 14 53 11-0284	EA	2-3/8" Outside Diameter, Single Side Sign Bracket Set Note: Includes 2 single side signpost brackets	66.50	7.84
10 14 53 11-0285	EA	2-3/8" Outside Diameter, Double Side Sign Bracket Set Note: Includes 2 double side signpost brackets	87.21	13.08
10 14 53 11-0286	EA	4" To 12" Diameter, Buckle Bracket Set Note: Includes 2 stainless steel straps, 2 brackets and fastener hardware	79.75	10.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0287		Sign Post Caps *(10 14 53 11-0282)*		
10 14 53 11-0288	EA	2-3/8" Diameter, Galvanized, Flat Traffic Sign Post Cap (EC-2)	29.41	5.24
10 14 53 11-0289		Sign Post Replacement Bolts *(10 14 53 11-0282)*		
10 14 53 11-0290	EA	Signage Fasteners Replacement Note: Includes two 5/16" x 2" long bolts, two 5/16" nuts And four 5/16" washers	19.54	
10 14 53 11-0291		Removal Of Signs *(10 14 53 11)* Note: Includes structural supports and foundations.		
10 14 53 11-0292	EA	>4 To 10 SF Sign Area, Sign Removal	209.25	
10 14 53 11-0293	EA	>10 To 20 SF Sign Area, Sign Removal	502.20	
10 14 53 11-0294	EA	>20 To 40 SF Sign Area, Sign Removal	753.29	
10 14 53 11-0295	EA	>40 To 100 SF Sign Area, Sign Removal	1,278.51	
10 14 53 11-0296		Removal And Reinstallation Of Signs *(10 14 53 11)* Note: Includes structural supports and foundations		
10 14 53 11-0297	EA	>4 To 10 SF Sign Area, Removal And Reinstallation Of Sign	320.84	
10 14 53 11-0298	EA	>10 To 20 SF Sign Area, Removal And Reinstallation Of Sign	758.25	
10 14 53 11-0299	EA	>20 SF To 40 SF Sign Area, Removal And Reinstallation Of Sign	1,134.17	
10 14 53 11-0300	EA	>40 SF To 100 SF Sign Area, Removal And Reinstallation Of Sign	1,921.69	
10 14 53 11-0301	EA	Removal And Reinstallation Of Street Sign On Post	120.32	
10 14 53 11-0302	EA	Removal And Relocation Of Traffic Light Note: Excludes electrical hookup.	438.37	

10 20 Interior Specialties *(10)*

10 21 Compartments and Cubicles *(10 20)*

10 21 13 Toilet Compartments *(10 21)*

10 21 13 13 Metal Toilet Compartments *(10 21 13)*

10 21 13 13-0001		Enamel Coated Steel Toilet Partitions And Urinal Screens *(10 21 13 13)* Note: Complete toilet partitions for corner installations. Includes 1" door, 1-1/4" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of galvanized sheet metal, cleaned, primed and finished with oven baked enamel or epoxy coating.		
10 21 13 13-0002		Enamel Coated Steel Toilet Partitions *(10 21 13 13-0001)* Note: All colors.		
10 21 13 13-0003		Floor Anchored, Enamel Coated Steel, Complete Toilet Partitions *(10 21 13 13-0002)*		
10 21 13 13-0004	EA	36" x 60", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	1,048.63	129.47
		For >10, Deduct	*-78.97*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
10 21 13 13-0005	EA	60" x 60", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,268.60	140.99
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
10 21 13 13-0006	EA	60" x 78", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,354.98	146.74
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
10 21 13 13-0007		Overhead Braced, Enamel Coated Steel, Complete Toilet Partitions *(10 21 13 13-0002)* Note: Includes head rail.		
10 21 13 13-0008	EA	36" x 60", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	1,091.16	158.26
		For >10, Deduct	*-77.47*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
10 21 13 13-0009	EA	60" x 60", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,268.00	169.76
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
10 21 13 13-0010	EA	60" x 78", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,340.48	175.51
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
10 21 13 13-0011		Floor And Ceiling Anchored, Enamel Coated Steel, Complete Toilet Partitions *(10 21 13 13-0002)* Note: Excludes above ceiling steel.		
10 21 13 13-0012	EA	36" x 60", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	1,287.87	187.03
		For >10, Deduct	*-91.38*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
10 21 13 13-0013	EA	60" x 60", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,502.01	198.54
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 13-0014	EA	60" x 78", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,577.72	204.28
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
10 21 13 13-0015		**Ceiling Hung, Enamel Coated Steel, Complete Toilet Partitions** *(10 21 13 13-0002)*		
		Note: Excludes above ceiling steel.		
10 21 13 13-0016	EA	36" x 60", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	1,243.77	215.80
		For >10, Deduct	*-81.22*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
10 21 13 13-0017	EA	60" x 60", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,493.76	227.31
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
10 21 13 13-0018	EA	60" x 78", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,577.96	233.07
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
10 21 13 13-0019		**Enamel Coated Steel Urinal Screens** *(10 21 13 13-0001)*		
		Note: All colors.		
10 21 13 13-0020		**Floor Anchored, Enamel Coated Steel, Urinal Screens** *(10 21 13 13-0019)*		
10 21 13 13-0021	EA	24" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen	554.96	80.54
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0022	EA	36" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen	615.24	86.28
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0023	EA	48" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen	677.38	92.04
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0024		**Wall Hung, Enamel Coated Steel, Urinal Screens** *(10 21 13 13-0019)*		
10 21 13 13-0025	EA	18" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen	314.37	69.02
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0026	EA	24" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen	339.02	74.78
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0027	EA	30" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen	358.01	80.54
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0028		**Wall Hung, Wedge Shaped, Enamel Coated Steel, Urinal Screens** *(10 21 13 13-0019)*		
10 21 13 13-0029	EA	18" x 30" x 1", Wall Hung, Wedge Shaped, Enamel Coated Steel, Urinal Screen	406.46	74.78
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0030		**Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screens** *(10 21 13 13-0019)*		
10 21 13 13-0031	EA	18" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen	455.30	74.78
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0032	EA	24" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen	485.56	80.54
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0033	EA	30" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen	515.82	86.28
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0034		**Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screens** *(10 21 13 13-0019)*		
10 21 13 13-0035	EA	22" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen	513.69	80.54
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0036	EA	34" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen	551.46	86.28
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0037	EA	46" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen	609.86	92.04
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0038		**Enamel Coated Steel Toilet Partition Doors, Panels And Pilasters** *(10 21 13 13-0001)*		
		Note: All colors.		
10 21 13 13-0039		**Enamel Coated Steel, Toilet Partition Doors** *(10 21 13 13-0038)*		
10 21 13 13-0040	EA	24" x 58" x 1", Enamel Coated Steel, Toilet Partition Door	331.15	23.01
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
10 21 13 13-0041	EA	26" x 58" x 1", Enamel Coated Steel, Toilet Partition Door	338.65	23.01
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
10 21 13 13-0042	EA	30" x 58" x 1", Enamel Coated Steel, Toilet Partition Door	358.98	24.75
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
10 21 13 13-0043	EA	34" x 58" x 1", Enamel Coated Steel, ADA Compliant Toilet Partition Door	392.74	24.75
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
10 21 13 13-0044	EA	36" x 58" x 1", Enamel Coated Steel, ADA Compliant Toilet Partition Door	400.25	24.75
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
10 21 13 13-0045		**Enamel Coated Steel, Toilet Partition Panels** *(10 21 13 13-0038)*		
10 21 13 13-0046	EA	6" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	237.86	34.53
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 13-0047	EA	12" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	262.38	37.41
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0048	EA	18" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	286.90	40.28
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0049	EA	24" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	311.40	43.16
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0050	EA	30" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	335.92	46.04
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0051	EA	36" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	360.43	48.92
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0052	EA	42" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	383.06	51.80
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0053	EA	48" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	407.58	54.67
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0054	EA	55" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	424.58	57.54
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0055	EA	58" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	434.38	58.70
		For Panel Reinforced At ADA Grab Bar, Add	*42.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0056	EA	60" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	447.22	60.42
		For Panel Reinforced At ADA Grab Bar, Add	*42.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0057	EA	70" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	488.62	63.30
		For Panel Reinforced At ADA Grab Bar, Add	*42.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0058	EA	78" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	524.37	66.18
		For Panel Reinforced At ADA Grab Bar, Add	*42.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0059		**70" Long, Enamel Coated Steel, Toilet Partition Pilasters** *(10 21 13 13-0038)*		
10 21 13 13-0060	EA	Up To 4" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	180.83	17.27
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0061	EA	5" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	199.71	20.14
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0062	EA	6" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	220.48	23.01
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0063	EA	8" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	256.25	25.89
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0064	EA	10" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	290.13	28.77
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0065	EA	12" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	324.02	31.65
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0066	EA	18" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	417.93	34.53
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0067	EA	22" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	479.96	37.41
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0068	EA	24" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	515.73	40.28
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0069		**82" Long, Enamel Coated Steel, Toilet Partition Pilasters** *(10 21 13 13-0038)*		
10 21 13 13-0070	EA	Up To 4" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	145.20	17.27
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0071	EA	5" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	158.45	20.14
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0072	EA	6" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	173.59	23.01
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0073	EA	8" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	196.23	25.89
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0074	EA	10" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	216.97	28.77
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0075	EA	12" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	239.62	31.65
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0076	EA	18" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	296.01	34.53
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0077	EA	22" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	333.66	37.41
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0078	EA	24" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	356.30	40.28
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0079		**96" To 120" Long, Enamel Coated Steel, Partition Pilasters** *(10 21 13 13-0038)*		
10 21 13 13-0080	EA	Up To 4" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	201.72	23.01
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0081	EA	5" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	220.61	25.89
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0082	EA	6" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	241.36	28.77
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0083	EA	8" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	277.13	31.65
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0084	EA	10" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	311.02	34.53
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 13-0085	EA	12" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	344.91	37.41
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0086	EA	18" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	438.83	40.28
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0087	EA	22" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	500.85	43.16
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 13-0088	EA	24" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	536.62	46.04
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	

10 21 13 14 Stainless-Steel Toilet Compartments *(10 21 13)*

10 21 13 14-0001 Stainless Steel Toilet Partitions And Urinal Screens *(10 21 13 14)*

Note: Complete toilet partitions for corner installations. Includes 1" door, 1-1/4" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of type 304 stainless steel. Includes satin finish.

10 21 13 14-0002 Stainless Steel Toilet Partitions *(10 21 13 14-0001)*

10 21 13 14-0003 Floor Anchored, Stainless Steel, Complete Toilet Partitions *(10 21 13 14-0002)*

10 21 13 14-0004	EA	36" x 60", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition	2,425.16	129.47
		For >10, Deduct	*-216.62*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For Diamond Pattern Finish, Add	*758.17*	
10 21 13 14-0005	EA	60" x 60", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,928.60	140.99
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For Diamond Pattern Finish, Add	*926.32*	
10 21 13 14-0006	EA	60" x 78", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,067.42	146.74
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For Diamond Pattern Finish, Add	*970.88*	

10 21 13 14-0007 Overhead Braced, Stainless Steel, Complete Toilet Partitions *(10 21 13 14-0002)*

Note: Includes head rail.

10 21 13 14-0008	EA	36" x 60", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition	2,052.28	158.26
		For >10, Deduct	*-173.58*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For Diamond Pattern Finish, Add	*607.52*	
10 21 13 14-0009	EA	60" x 60", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,498.62	169.76
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For Diamond Pattern Finish, Add	*755.68*	
10 21 13 14-0010	EA	60" x 78", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,722.95	175.51
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For Diamond Pattern Finish, Add	*830.17*	

10 21 13 14-0011 Floor And Ceiling Anchored, Stainless Steel, Complete Toilet Partitions *(10 21 13 14-0002)*

Note: Excludes above ceiling steel.

10 21 13 14-0012	EA	36" x 60", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition	2,843.40	187.03
		For >10, Deduct	*-246.94*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For Diamond Pattern Finish, Add	*864.27*	
10 21 13 14-0013	EA	60" x 60", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,049.70	198.54
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For Diamond Pattern Finish, Add	*928.42*	
10 21 13 14-0014	EA	60" x 78", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,192.59	204.28
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For Diamond Pattern Finish, Add	*974.40*	

10 21 13 14-0015 Ceiling Hung, Stainless Steel, Complete Toilet Partitions *(10 21 13 14-0002)*

Note: Excludes above ceiling steel.

10 21 13 14-0016	EA	36" x 60", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition	2,845.75	215.80
		For >10, Deduct	*-241.42*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For Diamond Pattern Finish, Add	*844.96*	
10 21 13 14-0017	EA	60" x 60", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,464.57	227.31
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For Diamond Pattern Finish, Add	*1,053.48*	
10 21 13 14-0018	EA	60" x 78", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,643.20	233.07
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For Diamond Pattern Finish, Add	*1,111.98*	

10 21 13 14-0019 Stainless Steel Urinal Screens *(10 21 13 14-0001)*

10 21 13 14-0020 Floor Anchored, Stainless Steel, Urinal Screens *(10 21 13 14-0019)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 14-0021	EA	24" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen	799.68	80.54
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*223.52*	
10 21 13 14-0022	EA	36" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen	905.29	86.28
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*256.45*	
10 21 13 14-0023	EA	48" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen	924.50	92.04
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*259.15*	
10 21 13 14-0024		**Wall Hung, Stainless Steel, Urinal Screens** *(10 21 13 14-0019)*		
10 21 13 14-0025	EA	18" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen	591.11	69.02
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*158.57*	
10 21 13 14-0026	EA	24" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen	639.63	74.78
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*171.52*	
10 21 13 14-0027	EA	30" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen	698.31	80.54
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*188.04*	
10 21 13 14-0028		**Wall Hung And Post Supported, Stainless Steel, Urinal Screens** *(10 21 13 14-0019)*		
10 21 13 14-0029	EA	18" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen	960.37	74.78
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*283.78*	
10 21 13 14-0030	EA	24" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen	1,006.53	80.54
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*295.91*	
10 21 13 14-0031	EA	30" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen	1,052.48	86.28
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*307.97*	
10 21 13 14-0032		**Wall Hung And Overhead Braced, Stainless Steel, Urinal Screens** *(10 21 13 14-0019)*		
10 21 13 14-0033	EA	22" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen	799.68	80.54
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*223.52*	
10 21 13 14-0034	EA	34" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen	905.29	86.28
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*256.45*	
10 21 13 14-0035	EA	46" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen	1,015.33	92.04
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*290.94*	
10 21 13 14-0036		**Stainless Steel Toilet Partition Doors, Panels And Pilasters** *(10 21 13 14-0001)*		
10 21 13 14-0037		**Stainless Steel, Toilet Partition Doors** *(10 21 13 14-0036)*		
10 21 13 14-0038	EA	24" x 58" x 1", Stainless Steel, Toilet Partition Door	529.13	23.01
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
		For Diamond Pattern Finish, Add	*169.08*	
10 21 13 14-0039	EA	26" x 58" x 1", Stainless Steel, Toilet Partition Door	605.43	23.01
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
		For Diamond Pattern Finish, Add	*195.79*	
10 21 13 14-0040	EA	30" x 58" x 1", Stainless Steel, Toilet Partition Door	621.76	25.89
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
		For Diamond Pattern Finish, Add	*199.49*	
10 21 13 14-0041	EA	34" x 58" x 1", Stainless Steel, ADA Compliant Toilet Partition Door	643.79	25.89
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
		For Diamond Pattern Finish, Add	*207.20*	
10 21 13 14-0042	EA	36" x 58" x 1", Stainless Steel, ADA Compliant Toilet Partition Door	649.92	25.89
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
		For Diamond Pattern Finish, Add	*209.34*	
10 21 13 14-0043		**Stainless Steel, Toilet Partition Panels** *(10 21 13 14-0036)*		
10 21 13 14-0044	EA	6" x 58" x 1", Stainless Steel, Toilet Partition Panel	456.69	34.53
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*135.67*	
10 21 13 14-0045	EA	12" x 58" x 1", Stainless Steel, Toilet Partition Panel	507.22	37.41
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*151.34*	
10 21 13 14-0046	EA	18" x 58" x 1", Stainless Steel, Toilet Partition Panel	528.46	40.28
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*156.76*	
10 21 13 14-0047	EA	24" x 58" x 1", Stainless Steel, Toilet Partition Panel	552.62	43.16
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*163.21*	
10 21 13 14-0048	EA	30" x 58" x 1", Stainless Steel, Toilet Partition Panel	593.16	46.04
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*175.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 14-0049	EA	36" x 58" x 1", Stainless Steel, Toilet Partition Panel	640.31	48.92
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*189.87*	
10 21 13 14-0050	EA	42" x 58" x 1", Stainless Steel, Toilet Partition Panel	749.31	51.80
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*226.01*	
10 21 13 14-0051	EA	48" x 58" x 1", Stainless Steel, Toilet Partition Panel	820.50	54.67
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*248.91*	
10 21 13 14-0052	EA	55" x 58" x 1", Stainless Steel, Toilet Partition Panel	841.75	57.54
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*254.33*	
10 21 13 14-0053	EA	58" x 58" x 1", Stainless Steel, Toilet Partition Panel	883.65	58.70
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*268.19*	
10 21 13 14-0054	EA	60" x 58" x 1", Stainless Steel, Toilet Partition Panel	938.77	60.42
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*286.27*	
10 21 13 14-0055	EA	70" x 58" x 1", Stainless Steel, Toilet Partition Panel	983.64	63.30
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*299.96*	
10 21 13 14-0056	EA	78" x 58" x 1", Stainless Steel, Toilet Partition Panel	1,079.42	66.18
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*331.47*	

10 21 13 14-0057 70" Long, Stainless Steel, Toilet Partition Pilasters *(10 21 13 14-0036)*

10 21 13 14-0058	EA	Up To 4" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	316.93	17.27
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*98.84*	
10 21 13 14-0059	EA	5" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	345.06	20.14
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*106.67*	
10 21 13 14-0060	EA	6" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	374.93	23.01
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*115.11*	
10 21 13 14-0061	EA	8" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	427.18	25.89
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*131.38*	
10 21 13 14-0062	EA	10" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	479.42	28.77
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*147.66*	
10 21 13 14-0063	EA	12" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	531.67	31.65
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*163.93*	
10 21 13 14-0064	EA	18" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	675.17	34.53
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*212.14*	
10 21 13 14-0065	EA	22" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	773.92	37.41
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*244.69*	
10 21 13 14-0066	EA	24" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	826.17	40.28
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*260.96*	

10 21 13 14-0067 82" Long, Stainless Steel, Toilet Partition Pilasters *(10 21 13 14-0036)*

10 21 13 14-0068	EA	Up To 4" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	242.09	17.27
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*72.65*	
10 21 13 14-0069	EA	5" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	262.05	20.14
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*77.62*	
10 21 13 14-0070	EA	6" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	282.74	23.01
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*82.85*	
10 21 13 14-0071	EA	8" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	367.28	25.89
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*110.42*	
10 21 13 14-0072	EA	10" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	414.53	28.77
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*124.95*	
10 21 13 14-0073	EA	12" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	428.90	31.65
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*127.96*	
10 21 13 14-0074	EA	18" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	486.05	34.53
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*145.95*	
10 21 13 14-0075	EA	22" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	548.34	37.41
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*165.74*	
10 21 13 14-0076	EA	24" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	582.14	40.28
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*175.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 21 13 14-0077 96" To 120" Long, Stainless Steel, Toilet Partition Pilasters *(10 21 13 14-0036)*

10 21 13 14-0078	EA	Up To 4" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	347.38	23.01
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*105.47*	
10 21 13 14-0079	EA	5" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	380.69	25.89
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*115.11*	
10 21 13 14-0080	EA	6" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	412.26	28.77
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*124.15*	
10 21 13 14-0081	EA	8" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	473.12	31.65
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*143.44*	
10 21 13 14-0082	EA	10" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	532.25	34.53
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*162.12*	
10 21 13 14-0083	EA	12" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	591.39	37.41
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*180.80*	
10 21 13 14-0084	EA	18" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	760.74	40.28
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*238.06*	
10 21 13 14-0085	EA	22" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	873.25	43.16
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*275.43*	
10 21 13 14-0086	EA	24" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	934.11	46.04
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Diamond Pattern Finish, Add	*294.71*	

10 21 13 16 Plastic-Laminate-Clad Toilet Compartments *(10 21 13)*

10 21 13 16-0001 Laminated Plastic Toilet Partitions And Urinal Screens *(10 21 13 16)*

Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of a sandwich of high-pressure decorative plastic laminate bonded to a solid industrial-grade particalboard.

10 21 13 16-0002 Laminated Plastic Toilet Partitions *(10 21 13 16-0001)*

Note: Includes all standard Bobrick colors.

10 21 13 16-0003 Floor Anchored, Laminated Plastic, Complete Toilet Partitions *(10 21 13 16-0002)*

10 21 13 16-0004	EA	36" x 60", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	1,407.36	129.47
		For >10, Deduct	*-114.84*	
		For Cast Stainless Steel Hardware, Add	*189.20*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
10 21 13 16-0005	EA	60" x 60", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,724.42	140.99
		For Cast Stainless Steel Hardware, Add	*189.22*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
10 21 13 16-0006	EA	60" x 78", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,856.69	146.74
		For Cast Stainless Steel Hardware, Add	*189.23*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	

10 21 13 16-0007 Overhead Braced, Laminated Plastic, Complete Toilet Partitions *(10 21 13 16-0002)*

Note: Includes head rail.

10 21 13 16-0008	EA	36" x 60", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	1,520.98	158.26
		For >10, Deduct	*-120.45*	
		For Cast Stainless Steel Hardware, Add	*189.24*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
10 21 13 16-0009	EA	60" x 60", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,852.04	169.76
		For Cast Stainless Steel Hardware, Add	*189.26*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
10 21 13 16-0010	EA	60" x 78", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,994.82	175.51
		For Cast Stainless Steel Hardware, Add	*189.26*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	

10 21 13 16-0011 Ceiling Hung, Laminated Plastic, Complete Toilet Partitions *(10 21 13 16-0002)*

Note: Excludes above ceiling steel.

10 21 13 16-0012	EA	36" x 60", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	2,033.03	215.80
		For >10, Deduct	*-160.15*	
		For Cast Stainless Steel Hardware, Add	*189.32*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
10 21 13 16-0013	EA	60" x 60", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,374.89	227.31
		For Cast Stainless Steel Hardware, Add	*189.33*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 16-0014	EA	60" x 78", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,507.14	233.07
		For Cast Stainless Steel Hardware, Add	*189.34*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
10 21 13 16-0015		**Laminated Plastic Urinal Screens** *(10 21 13 16-0001)*		
		Note: Includes all standard Bobrick colors.		
10 21 13 16-0016		**Floor Anchored, Laminated Plastic, Urinal Screens** *(10 21 13 16-0015)*		
10 21 13 16-0017	EA	24" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen	589.37	80.54
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 16-0018	EA	36" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen	642.88	86.28
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 16-0019	EA	48" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen	662.63	92.04
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 16-0020		**Wall Hung, Laminated Plastic, Urinal Screens** *(10 21 13 16-0015)*		
10 21 13 16-0021	EA	18" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen	456.84	69.02
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 16-0022	EA	24" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen	480.36	74.78
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 16-0023	EA	30" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen	502.78	80.54
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 16-0024		**Wall Hung And Post Supported, Laminated Plastic, Urinal Screens** *(10 21 13 16-0015)*		
10 21 13 16-0025	EA	18" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen	608.78	74.78
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 16-0026	EA	24" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen	668.19	80.54
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 16-0027	EA	30" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen	732.62	86.28
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 16-0028		**Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screens** *(10 21 13 16-0015)*		
10 21 13 16-0029	EA	24" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen	561.09	74.78
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 16-0030	EA	36" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen	615.80	80.54
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 16-0031	EA	48" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen	634.87	86.28
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 16-0032		**Laminated Plastic Toilet Partition Doors, Panels And Pilasters** *(10 21 13 16-0001)*		
		Note: Includes all standard Bobrick colors.		
10 21 13 16-0033		**Laminated Plastic, Toilet Partition Doors** *(10 21 13 16-0032)*		
10 21 13 16-0034	EA	24" x 58" x 1", Laminated Plastic, Toilet Partition Door	470.60	23.01
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
10 21 13 16-0035	EA	26" x 58" x 1", Laminated Plastic, Toilet Partition Door	511.85	23.01
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
10 21 13 16-0036	EA	30" x 58" x 1", Laminated Plastic, Toilet Partition Door	528.86	25.89
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
10 21 13 16-0037	EA	34" x 58" x 1", Laminated Plastic, Americans With Disabilities Act Compliant Toilet Partition Door	541.62	25.89
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
10 21 13 16-0038	EA	36" x 58" x 1", Laminated Plastic, Americans With Disabilities Act Compliant Toilet Partition Door	553.62	25.89
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
10 21 13 16-0039		**Laminated Plastic, Toilet Partition Panels** *(10 21 13 16-0032)*		
10 21 13 16-0040	EA	6" x 58" x 1", Laminated Plastic, Toilet Partition Panel	236.26	34.53
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 16-0041	EA	12" x 58" x 1", Laminated Plastic, Toilet Partition Panel	261.46	37.41
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 16-0042	EA	18" x 58" x 1", Laminated Plastic, Toilet Partition Panel	286.67	40.28
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 16-0043	EA	24" x 58" x 1", Laminated Plastic, Toilet Partition Panel	312.85	43.16
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 16-0044	EA	30" x 58" x 1", Laminated Plastic, Toilet Partition Panel	337.06	46.04
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 16-0045	EA	36" x 58" x 1", Laminated Plastic, Toilet Partition Panel	363.36	48.92
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 16-0046	EA	42" x 58" x 1", Laminated Plastic, Toilet Partition Panel	371.40	51.80
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 16-0047	EA	48" x 58" x 1", Laminated Plastic, Toilet Partition Panel	380.88	54.67
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 16-0048	EA	55" x 58" x 1", Laminated Plastic, Toilet Partition Panel	400.91	57.54
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 16-0049	EA	58" x 58" x 1", Laminated Plastic, Toilet Partition Panel	417.79	58.70
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 16-0050	EA	60" x 58" x 1", Laminated Plastic, Toilet Partition Panel	436.64	60.42
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 16-0051	EA	70" x 58" x 1", Laminated Plastic, Toilet Partition Panel	498.66	63.30
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 16-0052	EA	78" x 58" x 1", Laminated Plastic, Toilet Partition Panel	568.91	66.18
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 16-0053		**69" Long, Laminated Plastic, Toilet Partition Pilasters** *(10 21 13 16-0032)*		
10 21 13 16-0054	EA	Up To 4" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	194.30	17.27
		For 1-1/4" Pilaster, Add	*13.18*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Steel Core Pilaster, Add	*159.77*	
10 21 13 16-0055	EA	5" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	224.05	20.14
		For 1-1/4" Pilaster, Add	*15.16*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Steel Core Pilaster, Add	*183.77*	
10 21 13 16-0056	EA	6" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	229.81	23.01
		For 1-1/4" Pilaster, Add	*15.16*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Steel Core Pilaster, Add	*183.77*	
10 21 13 16-0057	EA	8" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	253.58	25.89
		For 1-1/4" Pilaster, Add	*16.65*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Steel Core Pilaster, Add	*201.78*	
10 21 13 16-0058	EA	10" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	264.57	28.77
		For 1-1/4" Pilaster, Add	*17.08*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Steel Core Pilaster, Add	*207.03*	
10 21 13 16-0059	EA	12" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	287.58	31.65
		For 1-1/4" Pilaster, Add	*18.50*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Steel Core Pilaster, Add	*224.28*	
10 21 13 16-0060	EA	18" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	366.84	34.53
		For 1-1/4" Pilaster, Add	*24.57*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Steel Core Pilaster, Add	*297.79*	
10 21 13 16-0061	EA	22" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	444.61	37.41
		For 1-1/4" Pilaster, Add	*30.51*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Steel Core Pilaster, Add	*369.80*	
10 21 13 16-0062	EA	24" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	499.13	40.28
		For 1-1/4" Pilaster, Add	*34.53*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Steel Core Pilaster, Add	*418.56*	
10 21 13 16-0063		**83" Long, Laminated Plastic, Toilet Partition Pilasters** *(10 21 13 16-0032)*		
10 21 13 16-0064	EA	Up To 4" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	383.33	17.27
		For 1-1/4" Pilaster, Add	*28.78*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Steel Core Pilaster, Add	*348.80*	
10 21 13 16-0065	EA	5" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	423.58	20.14
		For 1-1/4" Pilaster, Add	*31.62*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Steel Core Pilaster, Add	*383.30*	
10 21 13 16-0066	EA	6" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	429.34	23.01
		For 1-1/4" Pilaster, Add	*31.62*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Steel Core Pilaster, Add	*383.30*	
10 21 13 16-0067	EA	8" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	464.36	25.89
		For 1-1/4" Pilaster, Add	*34.04*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Steel Core Pilaster, Add	*412.56*	
10 21 13 16-0068	EA	10" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	506.85	28.77
		For 1-1/4" Pilaster, Add	*37.07*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Steel Core Pilaster, Add	*449.31*	
10 21 13 16-0069	EA	12" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	541.11	31.65
		For 1-1/4" Pilaster, Add	*39.42*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Steel Core Pilaster, Add	*477.81*	
10 21 13 16-0070	EA	18" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	674.02	34.53
		For 1-1/4" Pilaster, Add	*49.91*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Steel Core Pilaster, Add	*604.97*	
10 21 13 16-0071	EA	22" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	767.90	37.41
		For 1-1/4" Pilaster, Add	*57.18*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Steel Core Pilaster, Add	*693.09*	
10 21 13 16-0072	EA	24" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	787.91	40.28
		For 1-1/4" Pilaster, Add	*58.36*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For Steel Core Pilaster, Add	*707.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 21 13 19 Plastic Toilet Compartments *(10 21 13)*

10 21 13 19-0001 Recycled Solid Polymer (HDPE) Toilet Partitions And Urinal Screens *(10 21 13 19)*

Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of high-density polyethylene (HDPE). Includes Class B fire rating.

10 21 13 19-0002 Recycled Solid Plastic (HDPE) Toilet Partitions *(10 21 13 19-0001)*

Note: Includes all standard Columbia Partitions colors.

10 21 13 19-0003 Overhead Braced, Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0002)*

Note: Includes head rail.

10 21 13 19-0004	EA	36" x 60", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,997.43	158.26
		For >10, Deduct	*-168.09*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For NFPA Class A, Add	*1,042.18*	
10 21 13 19-0005	EA	60" x 60", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,463.16	169.76
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For NFPA Class A, Add	*1,316.65*	
10 21 13 19-0006	EA	60" x 78", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,731.61	175.51
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For NFPA Class A, Add	*1,475.96*	

10 21 13 19-0007 Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0002)*

Note: Excludes above ceiling steel.

10 21 13 19-0008	EA	36" x 60", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,991.30	187.03
		For >10, Deduct	*-161.73*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For NFPA Class A, Add	*1,002.70*	
10 21 13 19-0009	EA	60" x 60", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,498.14	198.54
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For NFPA Class A, Add	*1,302.66*	
10 21 13 19-0010	EA	60" x 78", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,766.60	204.28
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For NFPA Class A, Add	*1,461.97*	

10 21 13 19-0011 Ceiling Hung, Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0002)*

Note: Excludes above ceiling steel.

10 21 13 19-0012	EA	36" x 60", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	2,085.51	215.80
		For >10, Deduct	*-165.39*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For NFPA Class A, Add	*1,025.43*	
10 21 13 19-0013	EA	60" x 60", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,479.19	227.31
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For NFPA Class A, Add	*1,255.23*	
10 21 13 19-0014	EA	60" x 78", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,747.64	233.07
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For NFPA Class A, Add	*1,414.54*	

10 21 13 19-0015 Recycled Solid Plastic (HDPE) Urinal Screens *(10 21 13 19-0001)*

Note: Includes all standard Columbia Partitions colors.

10 21 13 19-0016 Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0015)*

10 21 13 19-0017	EA	18" x 42" x 1", Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screen	460.07	69.02
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*199.65*	
10 21 13 19-0018	EA	24" x 42" x 1", Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screen	484.27	74.78
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*207.51*	

10 21 13 19-0019 Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0015)*

10 21 13 19-0020	EA	18" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen	587.27	74.78
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*271.38*	
10 21 13 19-0021	EA	24" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen	744.65	80.54
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*361.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0022	EA	30" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen	828.00	86.28
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*406.37*	

10 21 13 19-0023 Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0015)*

10 21 13 19-0024	EA	24" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen	598.77	80.54
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*271.38*	
10 21 13 19-0025	EA	36" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen	756.16	86.28
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*361.83*	
10 21 13 19-0026	EA	48" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen	899.09	92.04
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*443.31*	

10 21 13 19-0027 Recycled Solid Plastic (HDPE) Toilet Partition Doors, Panels And Pilasters *(10 21 13 19-0001)*

Note: Includes all standard Columbia Partitions colors.

10 21 13 19-0028 Recycled Solid Plastic (HDPE), Toilet Partition Doors *(10 21 13 19-0027)*

10 21 13 19-0029	EA	24" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door	478.70	23.01
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
		For NFPA Class A, Add	*268.25*	
10 21 13 19-0030	EA	26" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door	518.07	23.01
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
		For NFPA Class A, Add	*292.66*	
10 21 13 19-0031	EA	30" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door	562.92	25.89
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
		For NFPA Class A, Add	*316.89*	
10 21 13 19-0032	EA	34" x 55" x 1", Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	642.60	25.89
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
		For NFPA Class A, Add	*366.30*	
10 21 13 19-0033	EA	36" x 55" x 1", Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	661.46	25.89
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
		For NFPA Class A, Add	*377.99*	

10 21 13 19-0034 Recycled Solid Plastic (HDPE), Toilet Partition Panels *(10 21 13 19-0027)*

10 21 13 19-0035	EA	6" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	164.95	34.53
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*59.46*	
10 21 13 19-0036	EA	12" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	266.61	37.41
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*118.92*	
10 21 13 19-0037	EA	18" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	368.25	40.28
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*178.36*	
10 21 13 19-0038	EA	24" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	430.56	43.16
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*213.43*	
10 21 13 19-0039	EA	30" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	522.39	46.04
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*266.79*	
10 21 13 19-0040	EA	36" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	558.24	48.92
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*285.45*	
10 21 13 19-0041	EA	42" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	627.23	51.80
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*324.66*	
10 21 13 19-0042	EA	48" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	707.79	54.67
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*371.04*	
10 21 13 19-0043	EA	55" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	773.43	57.54
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*408.17*	
10 21 13 19-0044	EA	58" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	790.24	58.70
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*417.17*	
10 21 13 19-0045	EA	60" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	816.90	60.42
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*431.55*	
10 21 13 19-0046	EA	70" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	924.20	63.30
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*494.51*	
10 21 13 19-0047	EA	78" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	996.42	66.18
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*535.72*	

10 21 13 19-0048 82" Long, Recycled Solid Plastic (HDPE), Toilet Partition Pilasters *(10 21 13 19-0027)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0049	EA	Up To 4" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	219.26	17.27
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*114.53*	
10 21 13 19-0050	EA	5" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	243.53	20.14
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*126.02*	
10 21 13 19-0051	EA	6" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	264.57	23.01
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*135.49*	
10 21 13 19-0052	EA	8" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	283.99	25.89
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*143.96*	
10 21 13 19-0053	EA	10" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	318.90	28.77
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*162.04*	
10 21 13 19-0054	EA	12" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	353.80	31.65
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*180.11*	
10 21 13 19-0055	EA	18" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	487.51	34.53
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*259.45*	
10 21 13 19-0056	EA	22" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	551.46	37.41
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*295.52*	
10 21 13 19-0057	EA	24" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	600.54	40.28
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*322.38*	

10 21 13 19-0058 96" To 120", Recycled Solid Plastic (HDPE), Toilet Partition Pilasters *(10 21 13 19-0027)*

10 21 13 19-0059	EA	Up To 4" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	267.30	23.01
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*137.18*	
10 21 13 19-0060	EA	5" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	294.12	25.89
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*150.24*	
10 21 13 19-0061	EA	6" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	323.89	28.77
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*165.14*	
10 21 13 19-0062	EA	8" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	367.19	31.65
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*188.41*	
10 21 13 19-0063	EA	10" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	410.90	34.53
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*211.95*	
10 21 13 19-0064	EA	12" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	454.21	37.41
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*235.23*	
10 21 13 19-0065	EA	18" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	583.72	40.28
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*311.95*	
10 21 13 19-0066	EA	22" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	653.52	43.16
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*351.66*	
10 21 13 19-0067	EA	24 x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	710.84	46.04
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*383.63*	

10 21 13 19-0068 Anti-microbial Recycled Solid Polymer (HDPE) Toilet Partitions And Urinal Screens *(10 21 13 19)*

Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and hardware as required. Constructed of high-density polyethylene (HDPE). Includes Class B fire rating.

10 21 13 19-0069 Anti-microbial Recycled Solid Plastic (HDPE) Toilet Partitions *(10 21 13 19-0068)*

Note: Includes all standard Columbia Partitions colors.

10 21 13 19-0070 Overhead Braced, Anti-microbial Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0069)*

Note: Includes head rail.

10 21 13 19-0071	EA	36" x 60", Overhead Braced, Anti-microbial Solid Plastic, High-Density Polyethylene (HDPE), One Compartment Corner Unit, Complete Toilet Partition	2,585.75	158.26
		For >10, Deduct	*-226.93*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For NFPA Class A, Add	*1,406.94*	
10 21 13 19-0072	EA	60" x 60", Overhead Braced, Anti-microbial Solid Plastic, High-Density Polyethylene (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,206.44	169.76
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For NFPA Class A, Add	*1,777.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0073	EA	60" x 78", Overhead Braced, Anti-microbial Solid Plastic, High-Density Polyethylene (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,564.83	175.51
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For NFPA Class A, Add	*1,992.56*	

10 21 13 19-0074 Floor And Ceiling Anchored, Anti-microbial Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0069)*

Note: Excludes above ceiling steel.

10 21 13 19-0075	EA	36" x 60", Floor And Ceiling Anchored, Anti-microbial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	2,557.34	187.03
		For >10, Deduct	*-218.33*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For NFPA Class A, Add	*1,353.64*	
10 21 13 19-0076	EA	60" x 60", Floor And Ceiling Anchored, Anti-microbial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,233.51	198.54
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For NFPA Class A, Add	*1,758.59*	
10 21 13 19-0077	EA	60" x 78", Floor And Ceiling Anchored, Anti-microbial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,591.90	204.28
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For NFPA Class A, Add	*1,973.66*	

10 21 13 19-0078 Ceiling Hung, Anti-microbial Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0069)*

Note: Excludes above ceiling steel.

10 21 13 19-0079	EA	36" x 60", Ceiling Hung, Anti-microbial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	2,664.40	215.80
		For >10, Deduct	*-223.28*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For NFPA Class A, Add	*1,384.34*	
10 21 13 19-0080	EA	60" x 60", Ceiling Hung, Anti-microbial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,187.78	227.31
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For NFPA Class A, Add	*1,694.56*	
10 21 13 19-0081	EA	60" x 78", Ceiling Hung, Anti-microbial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,546.16	233.07
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For NFPA Class A, Add	*1,909.62*	

10 21 13 19-0082 Anti-microbial Recycled Solid Plastic (HDPE) Urinal Screens *(10 21 13 19-0068)*

Note: Includes all standard Columbia Partitions colors.

10 21 13 19-0083 Wall Hung, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0082)*

10 21 13 19-0084	EA	18" x 42" x 1", Wall Hung, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	572.77	69.02
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*269.53*	
10 21 13 19-0085	EA	24" x 42" x 1", Wall Hung, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	597.28	74.78
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*277.58*	

10 21 13 19-0086 Wall Hung And Post Supported, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0082)*

10 21 13 19-0087	EA	18" x 42" x 1", Wall Hung And Post Supported, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	937.40	74.78
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*488.46*	
10 21 13 19-0088	EA	24" x 42" x 1", Wall Hung And Post Supported, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	1,067.39	80.54
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*561.92*	
10 21 13 19-0089	EA	30" x 42" x 1", Wall Hung And Post Supported, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	1,137.84	86.28
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*598.47*	

10 21 13 19-0090 Wall Hung And Overhead Braced, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0082)*

10 21 13 19-0091	EA	24" x 55" x 1", Wall Hung And Overhead Braced, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	751.94	80.54
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*366.35*	
10 21 13 19-0092	EA	36" x 55" x 1", Wall Hung And Overhead Braced, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	960.41	86.28
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*488.46*	
10 21 13 19-0093	EA	48" x 55" x 1", Wall Hung And Overhead Braced, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	1,149.35	92.04
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*598.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0094		Anti-microbial Recycled Solid Plastic (HDPE) Toilet Partition Doors, Panels And Pilasters *(10 21 13 19-0068)* Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0095		Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Doors *(10 21 13 19-0094)*		
10 21 13 19-0096	EA	24" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Door	630.12	23.01
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
		For NFPA Class A, Add	*362.13*	
10 21 13 19-0097	EA	26" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Door	683.30	23.01
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
		For NFPA Class A, Add	*395.10*	
10 21 13 19-0098	EA	30" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Door	741.80	25.89
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
		For NFPA Class A, Add	*427.80*	
10 21 13 19-0099	EA	34" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	849.39	25.89
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
		For NFPA Class A, Add	*494.51*	
10 21 13 19-0100	EA	36" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	874.83	25.89
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
		For NFPA Class A, Add	*510.28*	
10 21 13 19-0101		Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panels *(10 21 13 19-0094)*		
10 21 13 19-0102	EA	6" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	198.50	34.53
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*80.26*	
10 21 13 19-0103	EA	12" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	333.74	37.41
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*160.54*	
10 21 13 19-0104	EA	18" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	468.95	40.28
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*240.80*	
10 21 13 19-0105	EA	24" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	551.04	43.16
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*288.13*	
10 21 13 19-0106	EA	30" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	672.98	46.04
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*360.16*	
10 21 13 19-0107	EA	36" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	719.38	48.92
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*385.36*	
10 21 13 19-0108	EA	42" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	810.51	51.80
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*438.30*	
10 21 13 19-0109	EA	48" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	917.26	54.67
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*500.91*	
10 21 13 19-0110	EA	55" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	1,003.86	57.54
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*551.04*	
10 21 13 19-0111	EA	58" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	1,025.74	58.70
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*563.18*	
10 21 13 19-0112	EA	60" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	1,060.51	60.42
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*582.59*	
10 21 13 19-0113	EA	70" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	1,203.37	63.30
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*667.59*	
10 21 13 19-0114	EA	78" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	1,298.84	66.18
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*723.22*	
10 21 13 19-0115		82" Long, Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilasters *(10 21 13 19-0094)*		
10 21 13 19-0116	EA	Up To 4" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	283.91	17.27
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*154.62*	
10 21 13 19-0117	EA	5" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	314.67	20.14
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*170.12*	
10 21 13 19-0118	EA	6" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	341.06	23.01
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*182.91*	
10 21 13 19-0119	EA	8" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	393.76	25.89
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*212.02*	
10 21 13 19-0120	EA	10" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	442.47	28.77
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*238.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0121	EA	12" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	491.14	31.65
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*265.26*	
10 21 13 19-0122	EA	18" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	633.97	34.53
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*350.25*	
10 21 13 19-0123	EA	22" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	718.29	37.41
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*398.96*	
10 21 13 19-0124	EA	24" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	782.53	40.28
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*435.22*	

10 21 13 19-0125 96" To 120", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilasters *(10 21 13 19-0094)*

10 21 13 19-0126	EA	Up To 4" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	344.73	23.01
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*185.19*	
10 21 13 19-0127	EA	5" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	378.93	25.89
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*202.82*	
10 21 13 19-0128	EA	6" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	417.13	28.77
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*222.95*	
10 21 13 19-0129	EA	8" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	473.57	31.65
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*254.37*	
10 21 13 19-0130	EA	10" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	530.56	34.53
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*286.14*	
10 21 13 19-0131	EA	12" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	586.99	37.41
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*317.55*	
10 21 13 19-0132	EA	18" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	759.85	40.28
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*421.15*	
10 21 13 19-0133	EA	22" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	852.04	43.16
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*474.75*	
10 21 13 19-0134	EA	24 x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	927.40	46.04
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*517.90*	

10 21 13 19-0135 Solid Phenolic Toilet Partitions And Urinal Screens *(10 21 13 19)*

Note: Complete toilet partitions for corner installations. Includes 3/4" door, 3/4" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of solid phenolic (resin impregnated kraft paper) core with a high pressure decorative matte surface finish as an integral part of the core material. Includes Class B fire rating.

10 21 13 19-0136 Solid Phenolic Toilet Partitions *(10 21 13 19-0135)*

Note: Includes all standard Bobrick colors.

10 21 13 19-0137 Floor Anchored, Solid Phenolic, Complete Toilet Partitions *(10 21 13 19-0136)*

10 21 13 19-0138	EA	36" x 60", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition	2,148.46	129.47
		For >10, Deduct	*-188.95*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For NFPA Class A, Add	*409.74*	
10 21 13 19-0139	EA	60" x 60", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,642.53	140.99
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For NFPA Class A, Add	*509.82*	
10 21 13 19-0140	EA	60" x 78", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,952.59	146.74
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For NFPA Class A, Add	*573.09*	

10 21 13 19-0141 Overhead Braced, Solid Phenolic, Complete Toilet Partitions *(10 21 13 19-0136)*

Note: Includes head rail.

10 21 13 19-0142	EA	36" x 60", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition	2,382.64	158.26
		For >10, Deduct	*-206.61*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For NFPA Class A, Add	*449.71*	
10 21 13 19-0143	EA	60" x 60", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,896.44	169.76
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For NFPA Class A, Add	*553.93*	
10 21 13 19-0144	EA	60" x 78", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,221.51	175.51
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For NFPA Class A, Add	*620.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0145		**Floor And Ceiling Anchored, Solid Phenolic, Complete Toilet Partitions** *(10 21 13 19-0136)* Note: Excludes above ceiling steel.		
10 21 13 19-0146	EA	36" x 60", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition	2,456.33	187.03
		For >10, Deduct	*-208.23*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For NFPA Class A, Add	*455.98*	
10 21 13 19-0147	EA	60" x 60", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,966.46	198.54
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For NFPA Class A, Add	*559.43*	
10 21 13 19-0148	EA	60" x 78", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,276.51	204.28
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For NFPA Class A, Add	*622.69*	
10 21 13 19-0149		**Ceiling Hung, Solid Phenolic, Complete Toilet Partitions** *(10 21 13 19-0136)* Note: Excludes above ceiling steel.		
10 21 13 19-0150	EA	36" x 60", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition	2,417.49	215.80
		For >10, Deduct	*-198.59*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For NFPA Class A, Add	*438.62*	
10 21 13 19-0151	EA	60" x 60", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,911.23	227.31
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For NFPA Class A, Add	*538.62*	
10 21 13 19-0152	EA	60" x 78", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,221.27	233.07
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
		For NFPA Class A, Add	*601.89*	
10 21 13 19-0153		**Solid Phenolic Urinal Screens** *(10 21 13 19-0135)* Note: Includes all standard Bobrick colors.		
10 21 13 19-0154		**Floor Anchored, Solid Phenolic, Urinal Screens** *(10 21 13 19-0153)*		
10 21 13 19-0155	EA	24" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen	776.89	80.54
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*137.38*	
10 21 13 19-0156	EA	36" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen	879.16	86.28
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*157.01*	
10 21 13 19-0157	EA	48" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen	1,056.45	92.04
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*192.40*	
10 21 13 19-0158		**Wall Hung, Solid Phenolic, Urinal Screens** *(10 21 13 19-0153)*		
10 21 13 19-0159	EA	18" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen	493.61	69.02
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*81.57*	
10 21 13 19-0160	EA	24" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen	572.62	74.78
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*96.32*	
10 21 13 19-0161	EA	30" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen	689.97	80.54
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*119.12*	
10 21 13 19-0162		**Wall Hung And Post Supported, Solid Phenolic, Urinal Screens** *(10 21 13 19-0153)*		
10 21 13 19-0163	EA	18" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen	500.49	74.78
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*81.17*	
10 21 13 19-0164	EA	24" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen	628.94	80.54
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*106.31*	
10 21 13 19-0165	EA	30" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen	736.65	86.28
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*127.09*	
10 21 13 19-0166		**Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screens** *(10 21 13 19-0153)*		
10 21 13 19-0167	EA	22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen	800.89	74.78
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*144.26*	
10 21 13 19-0168	EA	36" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen	903.78	80.54
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*164.02*	
10 21 13 19-0169	EA	48" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen	1,084.45	86.28
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*200.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0170		**Solid Phenolic Toilet Partition Doors, Panels And Pilasters** *(10 21 13 19-0135)*		
		Note: Includes all standard Bobrick colors.		
10 21 13 19-0171		**Solid Phenolic, Toilet Partition Doors** *(10 21 13 19-0170)*		
10 21 13 19-0172	EA	24" x 58" x 3/4", Solid Phenolic, Toilet Partition Door	584.61	23.01
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
		For NFPA Class A, Add	*115.40*	
10 21 13 19-0173	EA	26" x 58" x 3/4", Solid Phenolic, Toilet Partition Door	604.86	23.01
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
		For NFPA Class A, Add	*119.65*	
10 21 13 19-0174	EA	30" x 58" x 3/4", Solid Phenolic, Toilet Partition Door	662.59	25.89
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
		For NFPA Class A, Add	*130.86*	
10 21 13 19-0175	EA	34" x 58" x 3/4", Solid Phenolic, ADA Compliant Toilet Partition Door	715.40	25.89
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
		For NFPA Class A, Add	*141.95*	
10 21 13 19-0176	EA	36" x 58" x 3/4", Solid Phenolic, ADA Compliant Toilet Partition Door	769.65	25.89
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
		For NFPA Class A, Add	*153.34*	
10 21 13 19-0177		**Solid Phenolic, Toilet Partition Panels** *(10 21 13 19-0170)*		
10 21 13 19-0178	EA	6" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	181.29	34.53
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*27.02*	
10 21 13 19-0179	EA	12" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	243.13	37.41
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*39.09*	
10 21 13 19-0180	EA	18" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	333.02	40.28
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*57.04*	
10 21 13 19-0181	EA	24" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	423.86	43.16
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*75.20*	
10 21 13 19-0182	EA	30" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	473.01	46.04
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*84.60*	
10 21 13 19-0183	EA	36" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	524.64	48.92
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*94.52*	
10 21 13 19-0184	EA	42" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	613.08	51.80
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*112.17*	
10 21 13 19-0185	EA	48" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	704.17	54.67
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*130.38*	
10 21 13 19-0186	EA	55" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	751.17	57.54
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*139.33*	
10 21 13 19-0187	EA	58" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	772.23	58.70
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*143.39*	
10 21 13 19-0188	EA	60" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	786.94	60.42
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*145.92*	
10 21 13 19-0189	EA	70" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	906.71	63.30
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*170.15*	
10 21 13 19-0190	EA	78" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	1,096.98	66.18
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*209.19*	
10 21 13 19-0191		**69" Long, Solid Phenolic, Toilet Partition Pilasters** *(10 21 13 19-0170)*		
10 21 13 19-0192	EA	Up To 4" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	276.81	17.27
		For 1" Pilaster, Add	*30.29*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*52.61*	
10 21 13 19-0193	EA	5" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	318.57	20.14
		For 1" Pilaster, Add	*34.79*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*60.45*	
10 21 13 19-0194	EA	6" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	324.33	23.01
		For 1" Pilaster, Add	*34.79*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*60.74*	
10 21 13 19-0195	EA	8" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	375.84	25.89
		For 1" Pilaster, Add	*40.51*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*70.64*	
10 21 13 19-0196	EA	10" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	422.84	28.77
		For 1" Pilaster, Add	*45.66*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*79.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0197	EA	12" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	469.85	31.65
		For 1" Pilaster, Add	*50.82*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*88.54*	
10 21 13 19-0198	EA	16" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	602.37	34.53
		For 1" Pilaster, Add	*66.67*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*115.45*	
10 21 13 19-0199	EA	20" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	740.90	37.41
		For 1" Pilaster, Add	*83.26*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*143.62*	
10 21 13 19-0200	EA	24" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	778.16	40.28
		For 1" Pilaster, Add	*87.20*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*150.52*	

10 21 13 19-0201 83" Long, Solid Phenolic, Toilet Partition Pilasters *(10 21 13 19-0170)*

10 21 13 19-0202	EA	Up To 4" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	303.82	17.27
		For 1" Pilaster, Add	*33.66*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*58.28*	
10 21 13 19-0203	EA	5" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	356.07	20.14
		For 1" Pilaster, Add	*39.47*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*68.33*	
10 21 13 19-0204	EA	6" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	361.83	23.01
		For 1" Pilaster, Add	*39.47*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*68.62*	
10 21 13 19-0205	EA	8" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	419.35	25.89
		For 1" Pilaster, Add	*45.94*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*79.78*	
10 21 13 19-0206	EA	10" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	473.85	28.77
		For 1" Pilaster, Add	*52.04*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*90.30*	
10 21 13 19-0207	EA	12" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	528.75	31.65
		For 1" Pilaster, Add	*58.18*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*100.91*	
10 21 13 19-0208	EA	16" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	690.13	34.53
		For 1" Pilaster, Add	*77.64*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*133.88*	
10 21 13 19-0209	EA	20" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	823.05	37.41
		For 1" Pilaster, Add	*93.53*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*160.87*	
10 21 13 19-0210	EA	24" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	865.56	40.28
		For 1" Pilaster, Add	*98.12*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*168.88*	

10 21 13 19-0211 96" To 120" Long, Solid Phenolic, Toilet Partition Pilasters *(10 21 13 19-0170)*

10 21 13 19-0212	EA	Up To 4" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	342.33	23.01
		For 1" Pilaster, Add	*37.04*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*64.52*	
10 21 13 19-0213	EA	5" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	405.10	25.89
		For 1" Pilaster, Add	*44.16*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*76.78*	
10 21 13 19-0214	EA	6" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	410.84	28.77
		For 1" Pilaster, Add	*44.16*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*77.07*	
10 21 13 19-0215	EA	8" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	474.35	31.65
		For 1" Pilaster, Add	*51.38*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*89.49*	
10 21 13 19-0216	EA	10" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	536.36	34.53
		For 1" Pilaster, Add	*58.41*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*101.59*	
10 21 13 19-0217	EA	12" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	599.13	37.41
		For 1" Pilaster, Add	*65.54*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*113.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0218	EA	16" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	789.41	40.28
		For 1" Pilaster, Add	*88.61*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*152.88*	
10 21 13 19-0219	EA	20" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	916.68	43.16
		For 1" Pilaster, Add	*103.80*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*178.69*	
10 21 13 19-0220	EA	24" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	964.45	46.04
		For 1" Pilaster, Add	*109.05*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
		For NFPA Class A, Add	*187.80*	

10 21 13 19-0221 Solid Color Reinforced Composite Toilet Partitions And Urinal Screens *(10 21 13 19)*

Note: Complete toilet partitions for corner installations. Includes 3/4" door, 3/4" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of solid color reinforced composite core with a high pressure decorative matte surface finish as an integral part of the core material.

10 21 13 19-0222 Solid Color Reinforced Composite Toilet Partitions *(10 21 13 19-0221)*

Note: Includes all standard Bobrick colors.

10 21 13 19-0223 Floor Anchored, Solid Color Reinforced Composite, Complete Toilet Partitions *(10 21 13 19-0222)*

10 21 13 19-0224	EA	36" x 60", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	2,375.20	129.47
		For >10, Deduct	*-211.62*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
10 21 13 19-0225	EA	60" x 60", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,925.80	140.99
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
10 21 13 19-0226	EA	60" x 78", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,271.69	146.74
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	

10 21 13 19-0227 Overhead Braced, Solid Color Reinforced Composite, Complete Toilet Partitions *(10 21 13 19-0222)*

Note: Includes head rail.

10 21 13 19-0228	EA	36" x 60", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	2,630.57	158.26
		For >10, Deduct	*-231.41*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
10 21 13 19-0229	EA	60" x 60", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,203.27	169.76
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
10 21 13 19-0230	EA	60" x 78", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,565.97	175.51
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	

10 21 13 19-0231 Floor And Ceiling Anchored, Solid Color Reinforced Composite, Complete Toilet Partitions *(10 21 13 19-0222)*

Note: Excludes above ceiling steel.

10 21 13 19-0232	EA	36" x 60", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	2,706.20	187.03
		For >10, Deduct	*-233.22*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
10 21 13 19-0233	EA	60" x 60", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,274.79	198.54
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
10 21 13 19-0234	EA	60" x 78", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,620.66	204.28
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	

10 21 13 19-0235 Ceiling Hung, Solid Color Reinforced Composite, Complete Toilet Partitions *(10 21 13 19-0222)*

Note: Excludes above ceiling steel.

10 21 13 19-0236	EA	36" x 60", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	2,655.80	215.80
		For >10, Deduct	*-222.42*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
10 21 13 19-0237	EA	60" x 60", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,206.02	227.31
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
10 21 13 19-0238	EA	60" x 78", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,551.88	233.07
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0239		**Solid Color Reinforced Composite Urinal Screens** *(10 21 13 19-0221)* Note: Includes all standard Bobrick colors.		
10 21 13 19-0240		**Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screens** *(10 21 13 19-0239)*		
10 21 13 19-0241	EA	24" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	850.79	80.54
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0242	EA	36" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	963.96	86.28
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0243	EA	48" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	1,161.13	92.04
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0244		**Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screens** *(10 21 13 19-0239)*		
10 21 13 19-0245	EA	18" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	536.27	69.02
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0246	EA	24" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	623.38	74.78
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0247	EA	30" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	753.44	80.54
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0248		**Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screens** *(10 21 13 19-0239)*		
10 21 13 19-0249	EA	18" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	542.60	74.78
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0250	EA	24" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	685.09	80.54
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0251	EA	30" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	804.33	86.28
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0252		**Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screens** *(10 21 13 19-0239)*		
10 21 13 19-0253	EA	22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	879.05	74.78
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0254	EA	36" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	992.91	80.54
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0255	EA	48" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	1,193.88	86.28
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0256		**Solid Color Reinforced Composite Toilet Partition Doors, Panels And Pilasters** *(10 21 13 19-0221)* Note: Includes all standard Bobrick colors. See CSI section 10 21 13 43-0001 for other accessories.		
10 21 13 19-0257		**Solid Color Reinforced Composite, Toilet Partition Doors** *(10 21 13 19-0256)*		
10 21 13 19-0258	EA	24" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	649.24	23.01
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
10 21 13 19-0259	EA	26" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	671.92	23.01
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
10 21 13 19-0260	EA	30" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	735.89	25.89
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
10 21 13 19-0261	EA	34" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	795.03	25.89
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
10 21 13 19-0262	EA	36" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	855.79	25.89
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
10 21 13 19-0263		**Solid Color Reinforced Composite, Toilet Partition Panels** *(10 21 13 19-0256)*		
10 21 13 19-0264	EA	6" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	194.76	34.53
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0265	EA	12" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	263.33	37.41
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0266	EA	18" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	363.32	40.28
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0267	EA	24" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	464.37	43.16
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0268	EA	30" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	518.72	46.04
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0269	EA	36" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	575.85	48.92
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0270	EA	42" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	674.22	51.80
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0271	EA	48" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	775.55	54.67
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0272	EA	55" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	827.51	57.54
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0273	EA	58" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	850.81	58.70
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0274	EA	60" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	866.87	60.42
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0275	EA	70" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	1,000.33	63.30
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0276	EA	78" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	1,212.73	66.18
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0277		**69" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters** *(10 21 13 19-0256)*		
10 21 13 19-0278	EA	Up To 4" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	305.89	17.27
		For 1" Pilaster, Add	*33.92*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0279	EA	5" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	351.96	20.14
		For 1" Pilaster, Add	*38.96*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0280	EA	6" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	357.72	23.01
		For 1" Pilaster, Add	*38.96*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0281	EA	8" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	414.73	25.89
		For 1" Pilaster, Add	*45.37*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0282	EA	10" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	466.67	28.77
		For 1" Pilaster, Add	*51.14*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0283	EA	12" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	518.64	31.65
		For 1" Pilaster, Add	*56.92*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0284	EA	16" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	666.37	34.53
		For 1" Pilaster, Add	*74.67*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0285	EA	20" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	820.83	37.41
		For 1" Pilaster, Add	*93.25*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0286	EA	24" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	861.87	40.28
		For 1" Pilaster, Add	*97.66*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0287		**83" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters** *(10 21 13 19-0256)*		
10 21 13 19-0288	EA	Up To 4" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	336.13	17.27
		For 1" Pilaster, Add	*37.70*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0289	EA	5" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	393.97	20.14
		For 1" Pilaster, Add	*44.21*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0290	EA	6" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	399.73	23.01
		For 1" Pilaster, Add	*44.21*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0291	EA	8" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	463.45	25.89
		For 1" Pilaster, Add	*51.46*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0292	EA	10" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	523.80	28.77
		For 1" Pilaster, Add	*58.28*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0293	EA	12" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	584.61	31.65
		For 1" Pilaster, Add	*65.16*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0294	EA	16" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	764.66	34.53
		For 1" Pilaster, Add	*86.95*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0295	EA	20" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	912.84	37.41
		For 1" Pilaster, Add	*104.75*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0296	EA	24" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	959.76	40.28
		For 1" Pilaster, Add	*109.90*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0297		**96" To 120" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters** *(10 21 13 19-0256)*		
10 21 13 19-0298	EA	Up To 4" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	377.88	23.01
		For 1" Pilaster, Add	*41.48*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0299	EA	5" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	447.49	25.89
		For 1" Pilaster, Add	*49.46*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0300	EA	6" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	453.23	28.77
		For 1" Pilaster, Add	*49.46*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0301	EA	8" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	523.68	31.65
		For 1" Pilaster, Add	*57.55*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0302	EA	10" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	592.44	34.53
		For 1" Pilaster, Add	*65.42*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0303	EA	12" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	662.05	37.41
		For 1" Pilaster, Add	*73.41*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0304	EA	16" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	874.48	40.28
		For 1" Pilaster, Add	*99.24*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0305	EA	20" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	1,016.32	43.16
		For 1" Pilaster, Add	*116.25*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0306	EA	24" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	1,069.13	46.04
		For 1" Pilaster, Add	*122.13*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	

10 21 13 19-0307 Solid Polyester (Corian) Toilet Partitions And Urinal Screens *(10 21 13 19)*

Note: Complete toilet partitions for corner installations. Includes 1/2" door (1" at edge), 1" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Produced or cast by combining unsaturated polyester resin with a combination of fillers, pigments and catalysts.

10 21 13 19-0308 Solid Polyester (Corian) Toilet Partitions *(10 21 13 19-0307)*

Note: Small particulate finish.

10 21 13 19-0309 Floor Anchored, Solid Polyester (Corian), Complete Toilet Partitions *(10 21 13 19-0308)*

10 21 13 19-0310	EA	36" x 60", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition	5,250.25	129.47
		For >10, Deduct	*-499.13*	
		For Solid Color Material (No Particulate), Deduct	*-1,148.00*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
10 21 13 19-0311	EA	60" x 60", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	6,346.58	140.99
		For Solid Color Material (No Particulate), Deduct	*-1,394.86*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
10 21 13 19-0312	EA	60" x 78", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	7,041.96	146.74
		For Solid Color Material (No Particulate), Deduct	*-1,552.15*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	

10 21 13 19-0313 Overhead Braced, Solid Polyester (Corian), Complete Toilet Partitions *(10 21 13 19-0308)*

10 21 13 19-0314	EA	36" x 60", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition	5,443.75	158.26
		For >10, Deduct	*-512.73*	
		For Solid Color Material (No Particulate), Deduct	*-1,179.27*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
10 21 13 19-0315	EA	60" x 60", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	7,167.09	169.76
		For Solid Color Material (No Particulate), Deduct	*-1,570.34*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
10 21 13 19-0316	EA	60" x 78", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	7,939.04	175.51
		For Solid Color Material (No Particulate), Deduct	*-1,745.24*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	

10 21 13 19-0317 Floor And Ceiling Anchored, Solid Polyester (Corian), Complete Toilet Partitions *(10 21 13 19-0308)*

Note: Excludes above ceiling steel.

10 21 13 19-0318	EA	36" x 60", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition	6,094.34	187.03
		For >10, Deduct	*-572.03*	
		For Solid Color Material (No Particulate), Deduct	*-1,315.67*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
10 21 13 19-0319	EA	60" x 60", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	8,205.87	198.54
		For Solid Color Material (No Particulate), Deduct	*-1,796.02*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
10 21 13 19-0320	EA	60" x 78", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	8,977.21	204.28
		For Solid Color Material (No Particulate), Deduct	*-1,970.78*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	

10 21 13 19-0321 Ceiling Hung, Solid Polyester (Corian), Complete Toilet Partitions *(10 21 13 19-0308)*

Note: Excludes above ceiling steel.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0322	EA	36" x 60", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition	6,144.53	215.80
		For >10, Deduct	*-571.30*	
		For Solid Color Material (No Particulate), Deduct	*-1,313.98*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
10 21 13 19-0323	EA	60" x 60", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	7,868.51	227.31
		For Solid Color Material (No Particulate), Deduct	*-1,705.19*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	
10 21 13 19-0324	EA	60" x 78", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	8,639.84	233.07
		For Solid Color Material (No Particulate), Deduct	*-1,879.96*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*235.53*	

10 21 13 19-0325 Solid Polyester (Corian) Urinal Screens *(10 21 13 19-0307)*

10 21 13 19-0326 Floor Anchored, Solid Polyester (Corian), Urinal Screens *(10 21 13 19-0325)*

10 21 13 19-0327	EA	24" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen	1,430.66	80.54
		For Solid Color Material (No Particulate), Deduct	*-292.01*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0328	EA	36" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen	1,898.08	86.28
		For Solid Color Material (No Particulate), Deduct	*-396.87*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0329	EA	48" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen	2,365.51	92.04
		For Solid Color Material (No Particulate), Deduct	*-501.73*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	

10 21 13 19-0330 Wall Hung, Solid Polyester (Corian), Urinal Screens *(10 21 13 19-0325)*

10 21 13 19-0331	EA	18" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen	721.18	69.02
		For Solid Color Material (No Particulate), Deduct	*-134.12*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0332	EA	24" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen	927.05	74.78
		For Solid Color Material (No Particulate), Deduct	*-178.82*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0333	EA	30" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen	1,132.94	80.54
		For Solid Color Material (No Particulate), Deduct	*-223.53*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	

10 21 13 19-0334 Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screens *(10 21 13 19-0325)*

10 21 13 19-0335	EA	18" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen	949.43	74.78
		For Solid Color Material (No Particulate), Deduct	*-183.97*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0336	EA	24" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen	1,188.90	80.54
		For Solid Color Material (No Particulate), Deduct	*-236.40*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0337	EA	30" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen	1,428.36	86.28
		For Solid Color Material (No Particulate), Deduct	*-288.83*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	

10 21 13 19-0338 Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screens *(10 21 13 19-0325)*

10 21 13 19-0339	EA	22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen	1,468.84	74.78
		For Solid Color Material (No Particulate), Deduct	*-303.43*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0340	EA	34" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen	1,936.26	80.54
		For Solid Color Material (No Particulate), Deduct	*-408.30*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0341	EA	46" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen	2,403.69	86.28
		For Solid Color Material (No Particulate), Deduct	*-513.16*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	

10 21 13 19-0342 Solid Polyester (Corian) Toilet Partition Doors, Panels And Pilasters *(10 21 13 19-0307)*

10 21 13 19-0343 Solid Polyester (Corian), Toilet Partition Doors *(10 21 13 19-0342)*

10 21 13 19-0344	EA	24" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	1,147.82	23.01
		For Solid Color Material (No Particulate), Deduct	*-253.41*	
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
10 21 13 19-0345	EA	26" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	1,226.56	23.01
		For Solid Color Material (No Particulate), Deduct	*-271.52*	
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
10 21 13 19-0346	EA	30" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	1,398.87	25.89
		For Solid Color Material (No Particulate), Deduct	*-309.83*	
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
10 21 13 19-0347	EA	34" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	1,561.37	25.89
		For Solid Color Material (No Particulate), Deduct	*-347.20*	
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	
10 21 13 19-0348	EA	36" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	1,632.08	25.89
		For Solid Color Material (No Particulate), Deduct	*-363.46*	
		For Heavy Gauge Full-Height SS Hinge, Add	*105.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0349		**Solid Polyester (Corian), Toilet Partition Panels** *(10 21 13 19-0342)*		
10 21 13 19-0350	EA	6" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	296.99	34.53
		For Solid Color Material (No Particulate), Deduct	*-52.43*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0351	EA	12" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	530.73	37.41
		For Solid Color Material (No Particulate), Deduct	*-104.86*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0352	EA	18" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	764.43	40.28
		For Solid Color Material (No Particulate), Deduct	*-157.29*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0353	EA	24" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	998.15	43.16
		For Solid Color Material (No Particulate), Deduct	*-209.72*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0354	EA	30" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,231.86	46.04
		For Solid Color Material (No Particulate), Deduct	*-262.15*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0355	EA	36" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,465.55	48.92
		For Solid Color Material (No Particulate), Deduct	*-314.58*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0356	EA	42" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,699.28	51.80
		For Solid Color Material (No Particulate), Deduct	*-367.01*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0357	EA	48" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,932.98	54.67
		For Solid Color Material (No Particulate), Deduct	*-419.44*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0358	EA	55" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	2,204.68	57.54
		For Solid Color Material (No Particulate), Deduct	*-480.61*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0359	EA	58" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	2,320.98	58.70
		For Solid Color Material (No Particulate), Deduct	*-506.83*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0360	EA	60" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	2,400.41	60.42
		For Solid Color Material (No Particulate), Deduct	*-524.30*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0361	EA	70" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	2,786.09	63.30
		For Solid Color Material (No Particulate), Deduct	*-611.68*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0362	EA	78" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	3,095.77	66.18
		For Solid Color Material (No Particulate), Deduct	*-681.59*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0363		**72" Long, Solid Polyester (Corian), Toilet Partition Pilasters** *(10 21 13 19-0342)*		
10 21 13 19-0364	EA	Up To 4" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	392.29	17.27
		For Solid Color Material (No Particulate), Deduct	*-82.28*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0365	EA	5" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	487.48	20.14
		For Solid Color Material (No Particulate), Deduct	*-102.86*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0366	EA	6" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	582.68	23.01
		For Solid Color Material (No Particulate), Deduct	*-123.43*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0367	EA	8" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	767.35	25.89
		For Solid Color Material (No Particulate), Deduct	*-164.58*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0368	EA	10" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	951.97	28.77
		For Solid Color Material (No Particulate), Deduct	*-205.72*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0369	EA	12" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,136.61	31.65
		For Solid Color Material (No Particulate), Deduct	*-246.86*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0370	EA	18" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,679.01	34.53
		For Solid Color Material (No Particulate), Deduct	*-370.29*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0371	EA	22" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	2,042.56	37.41
		For Solid Color Material (No Particulate), Deduct	*-452.58*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0372	EA	24" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	2,227.20	40.28
		For Solid Color Material (No Particulate), Deduct	*-493.72*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0373		**82" Long, Solid Polyester (Corian), Toilet Partition Pilasters** *(10 21 13 19-0342)*		
10 21 13 19-0374	EA	Up To 4" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	441.98	17.27
		For Solid Color Material (No Particulate), Deduct	*-93.71*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0375	EA	5" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	549.62	20.14
		For Solid Color Material (No Particulate), Deduct	*-117.15*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0376	EA	6" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	645.58	23.01
		For Solid Color Material (No Particulate), Deduct	*-137.89*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0377	EA	8" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	882.26	25.89
		For Solid Color Material (No Particulate), Deduct	*-191.01*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0378	EA	10" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,076.19	28.77
		For Solid Color Material (No Particulate), Deduct	*-234.29*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0379	EA	12" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,285.67	31.65
		For Solid Color Material (No Particulate), Deduct	*-281.15*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0380	EA	18" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,902.62	34.53
		For Solid Color Material (No Particulate), Deduct	*-421.72*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0381	EA	22" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	2,315.86	37.41
		For Solid Color Material (No Particulate), Deduct	*-515.44*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0382	EA	24" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	2,525.34	40.28
		For Solid Color Material (No Particulate), Deduct	*-562.30*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0383		96" To 120" Long, Solid Polyester (Corian), Toilet Partition Pilasters *(10 21 13 19-0342)*		
10 21 13 19-0384	EA	Up To 4" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	582.68	23.01
		For Solid Color Material (No Particulate), Deduct	*-123.43*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0385	EA	5" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	722.62	25.89
		For Solid Color Material (No Particulate), Deduct	*-154.29*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0386	EA	6" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	862.53	28.77
		For Solid Color Material (No Particulate), Deduct	*-185.15*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0387	EA	8" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,136.61	31.65
		For Solid Color Material (No Particulate), Deduct	*-246.86*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0388	EA	10" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,410.69	34.53
		For Solid Color Material (No Particulate), Deduct	*-308.58*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0389	EA	12" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,684.77	37.41
		For Solid Color Material (No Particulate), Deduct	*-370.29*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0390	EA	18" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	2,495.52	40.28
		For Solid Color Material (No Particulate), Deduct	*-555.44*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0391	EA	22" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	3,037.94	43.16
		For Solid Color Material (No Particulate), Deduct	*-678.87*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 19-0392	EA	24" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	3,312.02	46.04
		For Solid Color Material (No Particulate), Deduct	*-740.59*	
		For Heavy Gauge Full-Height SS Brackets, Add	*65.26*	
10 21 13 43		**Compartments and Cubicles Common Accessories** *(10 21 13)*		
10 21 13 43-0001		Accessories *(10 21 13 43)*		
10 21 13 43-0002	LF	Extruded Aluminum Headrails For Toilet Partitions And Urinal Screens	13.98	2.31
10 21 13 43-0003	LF	Stainless Steel Headrails For Toilet Partitions And Urinal Screens	25.58	2.31
10 21 13 43-0004	EA	Replacement Of 1-1/2" x 58" Stainless Steel Wall Posts	115.72	
10 21 13 43-0005	EA	Replacement Of 58" Aluminum Wall U Bracket	73.25	
10 21 13 43-0006	EA	Replacement Of 58" Aluminum Wall Two Ear Bracket	122.00	
10 21 13 43-0007	EA	Replacement Of 54" Stainless Steel Wall U Bracket	88.80	
10 21 13 43-0008	EA	Replacement Of 54" Stainless Steel Wall Two Ear Bracket	214.93	
10 21 13 43-0009	EA	Replacement Of 54" Plastic Wall Two Ear Bracket, All Colors	198.97	
10 21 13 43-0010	EA	Replacement Of 57-1/2" Stainless Steel Hinge	145.18	
10 21 16		**Shower and Dressing Compartments** *(10 21)*		
10 21 16 17		**Phenolic-Core Shower and Dressing Compartments** *(10 21 16)*		
10 21 16 17-0001		Shower Dividers *(10 21 16 17)*		
10 21 16 17-0002		Solid Phenolic Core Laminated Plastic, Shower Dividers *(10 21 16 17-0001)* Note: Cut to height in field. panels 58" high. Posts 1-1/4" square, 304 stainless steel satin finish. 1/2" thick panels.		
10 21 16 17-0003	EA	18" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	1,163.57	143.86
		For 66" High Panels, Add	*131.38*	
10 21 16 17-0004	EA	24" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	1,478.54	155.38
		For 66" High Panels, Add	*175.17*	
10 21 16 17-0005	EA	36" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	1,930.15	172.64
		For 66" High Panels, Add	*237.73*	
10 21 16 17-0006	EA	48" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	2,279.61	201.42
		For 66" High Panels, Add	*281.52*	
10 21 16 17-0007	EA	57" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	2,629.12	230.19
		For 66" High Panels, Add	*325.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 16 17-0008		**Solid Phenolic Core Laminated Plastic, Shower Dividers With Headrail And Curtain Track** *(10 21 16 17-0001)* Note: Cut to height in field. Panels 58" high. Posts 1-1/4" square, 304 stainless steel satin finish. 1/2" thick panels. Includes 3/4" stiles, 85" from floor to top of headrail. Head rail 4" wide. All stainless steel shoes and stainless steel fittings. Leveling devices are chromate treated double zinc plated steel. Overhead braced designed with concealed curtain tracks and hooks in head rail.		
10 21 16 17-0009	EA	18" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	2,869.03	252.86
		For 66" High Panels, Add	*405.07*	
		For 6" Wide Head Rail, Add	*75.96*	
		For 8" Wide Head Rail, Add	*104.65*	
		For 10" Wide Head Rail, Add	*128.28*	
		For 12" Wide Head Rail, Add	*154.44*	
		For 18" Wide, 1/2" Thick Bench, Add	*135.57*	
		For 24" Wide, 1/2" Thick Bench, Add	*175.57*	
10 21 16 17-0010	EA	24" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	3,564.38	276.10
		For 66" High Panels, Add	*507.04*	
		For 6" Wide Head Rail, Add	*95.89*	
		For 8" Wide Head Rail, Add	*131.53*	
		For 10" Wide Head Rail, Add	*161.65*	
		For 12" Wide Head Rail, Add	*194.53*	
		For 18" Wide, 1/2" Thick Bench, Add	*140.23*	
		For 24" Wide, 1/2" Thick Bench, Add	*180.23*	
10 21 16 17-0011	EA	36" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	4,526.12	293.60
		For 66" High Panels, Add	*649.56*	
		For 6" Wide Head Rail, Add	*124.04*	
		For 8" Wide Head Rail, Add	*169.30*	
		For 10" Wide Head Rail, Add	*208.69*	
		For 12" Wide Head Rail, Add	*251.02*	
		For 18" Wide, 1/2" Thick Bench, Add	*143.72*	
		For 24" Wide, 1/2" Thick Bench, Add	*183.72*	
10 21 16 17-0012	EA	48" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	4,827.57	328.47
		For 66" High Panels, Add	*691.29*	
		For 6" Wide Head Rail, Add	*131.69*	
		For 8" Wide Head Rail, Add	*179.96*	
		For 10" Wide Head Rail, Add	*221.67*	
		For 12" Wide Head Rail, Add	*266.66*	
		For 18" Wide, 1/2" Thick Bench, Add	*150.69*	
		For 24" Wide, 1/2" Thick Bench, Add	*190.69*	
10 21 16 17-0013	EA	57" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	5,533.35	357.01
		For 66" High Panels, Add	*794.30*	
		For 6" Wide Head Rail, Add	*151.72*	
		For 8" Wide Head Rail, Add	*207.05*	
		For 10" Wide Head Rail, Add	*255.25*	
		For 12" Wide Head Rail, Add	*307.01*	
		For 18" Wide, 1/2" Thick Bench, Add	*156.40*	
		For 24" Wide, 1/2" Thick Bench, Add	*196.40*	

10 22 Partitions *(10 20)*

10 22 13 Wire Mesh Partitions *(10 22)*

10 22 13 00-0001		**Wall Panels** *(10 22 13)* Note: Includes steel frame and posts. Posts bolted to floor.		
10 22 13 00-0002	SF	Wire Mesh Wall Panel, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	14.97	1.44
		For 5' Wide Panels, Add	*0.60*	
10 22 13 00-0003	SF	Wire Mesh Wall Panel, 8 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	16.56	1.72
		For 5' Wide Panels, Add	*0.66*	
10 22 13 00-0004	SF	Wire Mesh Wall Panel, 6 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	25.24	2.01
		For 5' Wide Panels, Add	*1.06*	
10 22 13 00-0005		**Ceiling Panels** *(10 22 13)* Note: Includes steel frame.		
10 22 13 00-0006	SF	Wire Mesh Ceiling Panel, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	15.48	1.72
10 22 13 00-0007	SF	Wire Mesh Ceiling Panel, 8 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	17.08	2.01
10 22 13 00-0008	SF	Wire Mesh Ceiling Panel, 6 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	18.92	2.31
10 22 13 00-0009		**Sliding Doors** *(10 22 13)* Note: Includes padlocks lugs and/or provisions for cylinder lock.		
10 22 13 00-0010	EA	4' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	1,398.08	302.12
		For 8 Gauge, Add	*149.29*	
		For 6 Gauge, Add	*298.58*	
10 22 13 00-0011	EA	4' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	1,472.15	333.77
		For 8 Gauge, Add	*154.07*	
		For 6 Gauge, Add	*308.14*	
10 22 13 00-0012	EA	5' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	1,610.87	345.28
		For 8 Gauge, Add	*172.58*	
		For 6 Gauge, Add	*345.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 13 00-0013	EA	5' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	1,757.23	374.05
		For 8 Gauge, Add	*188.77*	
		For 6 Gauge, Add	*377.55*	
10 22 13 00-0014	EA	6' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	1,816.71	397.07
		For 8 Gauge, Add	*193.09*	
		For 6 Gauge, Add	*386.19*	
10 22 13 00-0015	EA	6' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	1,999.99	420.09
		For 8 Gauge, Add	*215.98*	
		For 6 Gauge, Add	*431.96*	
10 22 13 00-0016	EA	8' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	2,149.41	451.74
		For 8 Gauge, Add	*232.06*	
		For 6 Gauge, Add	*464.13*	
10 22 13 00-0017	EA	8' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	2,340.38	471.88
		For 8 Gauge, Add	*256.68*	
		For 6 Gauge, Add	*513.36*	
10 22 13 00-0018	EA	10' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	2,360.71	483.39
		For 8 Gauge, Add	*257.43*	
		For 6 Gauge, Add	*514.86*	
10 22 13 00-0019	EA	10' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	2,606.62	512.16
		For 8 Gauge, Add	*288.56*	
		For 6 Gauge, Add	*577.12*	

10 22 13 00-0020 Swing Doors *(10 22 13)*

10 22 13 00-0021 Single Swing Door *(10 22 13 00-0020)*

10 22 13 00-0022	EA	3' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock	956.82	178.39
		For 8 Gauge, Add	*105.16*	
		For 6 Gauge, Add	*210.32*	
10 22 13 00-0023	EA	3' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock	1,029.82	201.42
		For 8 Gauge, Add	*114.19*	
		For 6 Gauge, Add	*228.38*	
10 22 13 00-0024	EA	3' x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock	1,103.97	212.92
		For 8 Gauge, Add	*123.01*	
		For 6 Gauge, Add	*246.02*	
10 22 13 00-0025	EA	4' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock	1,087.38	230.19
		For 8 Gauge, Add	*117.07*	
		For 6 Gauge, Add	*234.14*	
10 22 13 00-0026	EA	4' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock	1,164.21	241.69
		For 8 Gauge, Add	*126.29*	
		For 6 Gauge, Add	*252.59*	
10 22 13 00-0027	EA	4' x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock	1,216.41	253.20
		For 8 Gauge, Add	*131.82*	
		For 6 Gauge, Add	*263.64*	

10 22 13 00-0028 Double Swing Doors *(10 22 13 00-0020)*

10 22 13 00-0029	EA	6' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock	1,514.62	287.73
		For 8 Gauge, Add	*169.65*	
		For 6 Gauge, Add	*339.29*	
10 22 13 00-0030	EA	6' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock	1,639.66	305.00
		For 8 Gauge, Add	*184.95*	
		For 6 Gauge, Add	*369.90*	
10 22 13 00-0031	EA	6' x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock	1,764.68	322.26
		For 8 Gauge, Add	*200.25*	
		For 6 Gauge, Add	*400.50*	
10 22 13 00-0032	EA	8 x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock	1,894.24	345.28
		For 8 Gauge, Add	*215.08*	
		For 6 Gauge, Add	*430.16*	
10 22 13 00-0033	EA	8 x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock	2,074.73	362.54
		For 8 Gauge, Add	*238.70*	
		For 6 Gauge, Add	*477.40*	
10 22 13 00-0034	EA	8 x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock	2,253.11	379.81
		For 8 Gauge, Add	*262.01*	
		For 6 Gauge, Add	*524.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 13 00-0035		**Dutch Doors** *(10 22 13)* Note: Includes padlocks lugs and/or provisions for cylinder lock.		
10 22 13 00-0036	EA	3' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock	1,301.81	178.39
		For 8 Gauge, Add	*156.91*	
		For 6 Gauge, Add	*313.82*	
10 22 13 00-0037	EA	3' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock	1,380.97	201.42
		For 8 Gauge, Add	*166.86*	
		For 6 Gauge, Add	*333.73*	
10 22 13 00-0038	EA	3' x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock	1,421.00	212.92
		For 8 Gauge, Add	*170.57*	
		For 6 Gauge, Add	*341.13*	
10 22 13 00-0039	EA	3' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock	1,495.54	241.69
		For 8 Gauge, Add	*175.99*	
		For 6 Gauge, Add	*351.98*	
10 22 13 00-0040	EA	4' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock	1,437.37	230.19
		For 8 Gauge, Add	*169.57*	
		For 6 Gauge, Add	*339.14*	
10 22 13 00-0041	EA	4' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock	1,525.17	241.69
		For 8 Gauge, Add	*180.44*	
		For 6 Gauge, Add	*360.87*	
10 22 19		**Demountable Partitions** *(10 22)*		
10 22 19 13		**Demountable Metal Partitions** *(10 22 19)*		
10 22 19 13-0001	LF	9' High Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5" Thick	139.30	18.30
		For >9, Add 17.41		
10 22 19 13-0002	LF	7' High Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5" Thick	121.72	14.57
		For >9, Add 15.22		
10 22 19 13-0003	LF	5' High Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5" Thick	104.15	10.96
		For >9, Add 13.02		
10 22 19 13-0004	LF	9' High Demountable Partition, Moveable Steel Wall, Mod System, Unitized Panel, 48" Wide, Backed Enamel	313.97	14.57
		For >9, Add 39.25		
10 22 19 13-0005	LF	9' High Demountable Partition, Moveable Steel Wall, Mod System, Unitized Panels, 48" Wide, Fabric	467.62	15.67
		For >9, Add 58.45		
10 22 19 43		**Demountable Composite Partitions** *(10 22 19)*		
10 22 19 43-0001	LF	Demountable Partition, Mineral Fiber System, Unitized Panel, 9' High, 2-1/4" Thick, Aluminum Frame, Vinyl Clad	211.16	18.30
		For >9, Add 26.40		
10 22 19 43-0002	LF	Demountable Partition, Mineral Fiber System, Unitized Panel, 9' High, 2-1/4" Thick, Aluminum Frame, Fabric Clad	263.30	19.94
		For >9, Add 32.91		
10 22 19 43-0003	SF	Partition, Trackless Wall, Cork Finish, Semi-Acoustic, 1-5/8" Thick	43.89	2.74
		For Acoustical Partitions, Add	*3.85*	
10 22 19 43-0004	SF	Partition, Trackless Wall, Cork Finish, Semi-Acoustic, 1-5/8" Thick	55.43	4.60
		For Acoustical Partitions, Add	*4.62*	
10 22 19 43-0005	SF	Partition, Trackless Wall, Cork Finish, Acoustic, 2" Thick	46.83	2.85
		For Acoustical Partitions, Add	*4.11*	
10 22 19 43-0006	SF	Partition, Trackless Wall, Cork Finish, Acoustic, 2" Thick	66.88	3.95
		For Acoustical Partitions, Add	*5.91*	
10 22 19 53		**Demountable Gypsum Partitions** *(10 22 19)*		
10 22 19 53-0001		**Demountable Gypsum Partitions** *(10 22 19 53)*		
10 22 19 53-0002	LF	9' High Demountable Partition Gypsum System, 2" To 2.5" Steel Standard, 3" To 3-3/4" Thick, Vinyl Clad	168.04	18.30
		For >9, Add 21.01		
10 22 19 53-0003	LF	9' High Demountable Partition Gypsum System, 2" To 2.5" Steel Standard, 3" To 3-3/4" Thick, Fabric Clad	306.28	19.94
		For >9, Add 38.29		
10 22 19 53-0004	LF	9' High Demountable Partition Gypsum System, 2" To 2.5", Steel Standard, 3" To 3-3/4" Thick, Steel Clad	328.67	21.92
		For >9, Add 41.08		
10 22 19 53-0005	LF	9' High Demountable Partition Gypsum System, Unitized Panel, 2" To 2-1/2" Thick, Vinyl Clad	172.63	18.30
		For >9, Add 21.58		
10 22 19 53-0006	LF	9' High Demountable Partition Gypsum System, Unitized Panel, 2" To 2-1/2" Thick, Fabric Clad	283.84	19.94
		For >9, Add 35.48		
10 22 23		**Portable Partitions, Screens, and Panels** *(10 22)* Note: Includes standard units, standard height glass and glazing. For 25 percent and 50 percent glass 1/4" plate glass is used. For 100 percent glass 1/4" tempered plate is used.		
10 22 23 23		**Movable Panel Systems** *(10 22 23)*		
10 22 23 23-0001		**Portable Partitions** *(10 22 23 23)*		
10 22 23 23-0002	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 4' High	261.55	8.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 23 23-0003	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 5' High	278.91	9.75
10 22 23 23-0004	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 6' High	331.61	11.73
10 22 23 23-0005	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 4' High	192.39	5.04
10 22 23 23-0006	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 5' High	204.33	5.80
10 22 23 23-0007	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 6' High	229.79	7.01
10 22 23 23-0008	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 6'-0" Long, 5' High	195.76	5.37
10 22 23 23-0009	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Curved, 3'-0" Long, 5' High	348.26	9.75
10 22 23 23-0010	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Curved, 3'-0" Long, 6' High	382.98	11.73
10 22 23 23-0011	LF	Partitions, Portable, Economical Panels, Fabric Face, 4'-0" Long, 5' High	203.36	6.68
10 22 23 23-0012	LF	Partitions, Portable, Economical Panels, Fabric Face, 4'-0" Long, 6' High	231.42	7.78
10 22 23 23-0013	LF	Partitions, Portable, Economical Panels, Fabric Face, 5'-0" Long, 5' High	186.35	5.80
10 22 23 23-0014	LF	Partitions, Portable, Economical Panels, Fabric Face, 5'-0" Long, 6' High	209.24	7.01
10 22 23 23-0015	LF	Partitions, Portable, Economical Panels, Fabric Face, 3'-0" Curved, 5' High	309.73	9.75
10 22 23 23-0016	LF	Partitions, Portable, Economical Panels, Fabric Face, 3'-0" Curved, 6' High	349.59	11.73
10 22 23 23-0017	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 3'-0" Long, 5' High	314.87	9.75
10 22 23 23-0018	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 3'-0" Long, 6' High	382.98	11.73
10 22 23 23-0019	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 5'-0" Long, 5' High	242.86	5.80
10 22 23 23-0020	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 5'-0" Long, 6' High	273.46	7.01
10 22 23 23-0021	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 6'-0" Long, 5' High	256.12	5.37
10 22 23 23-0022	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 6'-0" Long, 6' High	305.53	6.36
10 22 23 23-0023	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 4'-0" Long, 5' High	149.42	6.68
10 22 23 23-0024	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 4'-0" Long, 6' High	176.20	7.78
10 22 23 23-0025	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 5'-0" Long, 6' High	159.16	7.01
10 22 23 23-0026	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 6'-0" Long, 5' High	116.13	5.37
10 22 23 23-0027	LF	Partitions, Portable, Metal Chalkboard, 6'-6" High, 1 Side	188.69	7.01
10 22 23 23-0028	LF	Partitions, Portable, Metal Chalkboard, 2 Sides	214.96	7.35
10 22 23 23-0029	LF	Partitions, Portable, Tackboard, Both Sides	173.51	7.12

10 22 23 23-0030 Adjustable Barrier Panel System (Edge Guard) *(10 22 23 23)*

Note: Panels are opal or transparent. Includes self-leveling floor channel, 1/4" foam gasket to conform to ceiling, edge gaskets, grid clips, and cam locks.

10 22 23 23-0031	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4000)	722.58	
10 22 23 23-0032	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4001)	686.27	
10 22 23 23-0033	EA	2' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4002)	541.01	
10 22 23 23-0034	EA	2' Wide x 7'-8" To 10' High With High Efficiency Particulate Air (HEPA) Filtered Air Discharge Port, Fire Rated Containment Panel Assembly (Edge Guard 4002.1)	625.74	
10 22 23 23-0035	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 44" Door (Edge Guard 4003)	1,224.94	
10 22 23 23-0036	EA	7'-8" To 10' High, Hinged Corner Assembly (Edge Guard 4004)	246.95	
10 22 23 23-0037	EA	6" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4005)	331.02	
10 22 23 23-0038	EA	12" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4006)	355.23	
10 22 23 23-0039	EA	7'-8" To 10' High, Outside Corner Post (Edge Guard 4007)	204.59	
10 22 23 23-0040	EA	4'-4" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 48" Door (Edge Guard 4008) Note: Includes a hydraulic closer and a lever style lockset standard.	1,467.04	
10 22 23 23-0041	EA	7'-8" To 10' High, "T" Post Corner Assembly (Edge Guard 4009)	204.59	
10 22 23 23-0042	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 32" Door (Edge Guard 4010) Note: Includes a hydraulic closer and a lever style lockset standard.	1,103.89	
10 22 23 23-0043	EA	Closure Strips (Edge Guard 3003) Note: To seal panels to existing walls	14.74	
10 22 23 23-0044	EA	Digital Differential Pressure Gauge Kit (Edge Guard 3005)	338.65	

10 22 33 Accordion Folding Partitions *(10 22)*

10 22 33 00-0001 Accordion Doors/Partitions *(10 22 33)*

Note: Includes top support track and assembled panels.

10 22 33 00-0002	SF	15 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	96.06	5.42
		For <135, Add	*19.21*	
10 22 33 00-0003	SF	20 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	97.52	5.61
		For <135, Add	*19.50*	
10 22 33 00-0004	SF	31 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	102.16	5.78
		For <135, Add	*20.43*	
10 22 33 00-0005	SF	35 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	108.45	5.98
		For <135, Add	*21.69*	
10 22 33 00-0006	SF	39 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	110.32	6.15
		For <135, Add	*22.06*	
10 22 33 00-0007	SF	40 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	111.62	6.34
		For <135, Add	*22.32*	
10 22 33 00-0008	SF	41 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	112.88	6.51
		For <135, Add	*22.58*	
10 22 33 00-0009	SF	44 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	114.42	6.87
		For <135, Add	*22.88*	
10 22 33 00-0010	SF	47 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	121.44	6.87
		For <135, Add	*24.29*	
10 22 33 00-0011	SF	50 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	128.46	6.87
		For <135, Add	*25.69*	

10 22 43 Sliding Partitions *(10 22)*

10 22 43 00-0001 Operable Wall *(10 22 43)*

Note: Includes top support track, assembled panel and frames.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 43 00-0002	SF	Up To 720 SF, Up To 12' Height Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	257.64	23.17
		Note: Includes pocket door, two ADA pass doors, track and hardware.		
		For 43 STC, Deduct	*-12.16*	
		For 49 STC, Add	*15.43*	
		For 52 STC, Add	*23.38*	
10 22 43 00-0003	SF	>720 To 1,200 SF, Up To 12 High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	239.47	18.67
		Note: Includes pocket door, two ADA pass doors, track and hardware.		
		For 43 STC, Deduct	*-11.90*	
		For 49 STC, Add	*15.10*	
		For 52 STC, Add	*22.88*	
10 22 43 00-0004	SF	>1,200 SF, Up To 12' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	226.07	15.50
		Note: Includes pocket door, two ADA pass doors, track and hardware.		
		For 43 STC, Deduct	*-11.65*	
		For 49 STC, Add	*14.78*	
		For 52 STC, Add	*22.40*	
10 22 43 00-0005	SF	Up To 1,080 SF, >12' To 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	219.73	16.29
		Note: Includes pocket door, two ADA pass doors, track and hardware.		
		For 43 STC, Deduct	*-11.07*	
		For 49 STC, Add	*14.05*	
		For 52 STC, Add	*21.29*	
10 22 43 00-0006	SF	>1,080 To 1,800 SF, >12' To 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	205.79	13.24
		Note: Includes pocket door, two ADA pass doors, track and hardware.		
		For 43 STC, Deduct	*-10.76*	
		For 49 STC, Add	*13.66*	
		For 52 STC, Add	*20.69*	
10 22 43 00-0007	SF	>1,800 SF, >12' To 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	197.54	11.92
		Note: Includes pocket door, two ADA pass doors, track and hardware.		
		For 43 STC, Deduct	*-10.50*	
		For 49 STC, Add	*13.33*	
		For 52 STC, Add	*20.19*	
10 22 43 00-0008	SF	Up To 1,440 SF, >18' To 22'-3" High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	195.21	12.85
		Note: Includes pocket door, two ADA pass doors, track and hardware.		
		For 43 STC, Deduct	*-10.17*	
		For 49 STC, Add	*12.90*	
		For 52 STC, Add	*19.55*	
10 22 43 00-0009	SF	>1,440 To 2,400 SF, >18' To 22'-3" High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	184.57	11.00
		Note: Includes pocket door, two ADA pass doors, track and hardware.		
		For 43 STC, Deduct	*-9.85*	
		For 49 STC, Add	*12.50*	
		For 52 STC, Add	*18.93*	
10 22 43 00-0010	SF	>2,400 SF, >18' To 22'-3" High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	177.26	9.80
		Note: Includes pocket door, two ADA pass doors, track and hardware.		
		For 43 STC, Deduct	*-9.59*	
		For 49 STC, Add	*12.18*	
		For 52 STC, Add	*18.45*	
10 22 43 00-0011	SF	Up To 160 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating	202.39	15.50
		Note: Includes pocket door, track and hardware.		
		For 44 STC, Deduct	*-10.09*	
		For 49 STC, Add	*12.81*	
		For 52 STC, Add	*19.41*	
10 22 43 00-0012	SF	>160 To 240 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating	186.86	11.78
		Note: Includes pocket door, track and hardware.		
		For 44 STC, Deduct	*-9.82*	
		For 49 STC, Add	*12.47*	
		For 52 STC, Add	*18.89*	
10 22 43 00-0013	SF	>240 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating	177.82	9.93
		Note: Includes pocket door, track and hardware.		
		For 44 STC, Deduct	*-9.60*	
		For 49 STC, Add	*12.18*	
		For 52 STC, Add	*18.45*	

10 26 Wall and Door Protection *(10 20)*

10 26 13 Corner Guards *(10 26)*

10 26 13 00-0001 Vinyl Corner Guards *(10 26 13)*

10 26 13 00-0002 Rigid Vinyl Corner Guards *(10 26 13 00-0001)*

10 26 13 00-0003 Surface Mounted, Rigid Vinyl Corner Guards *(10 26 13 00-0002)*

10 26 13 00-0004 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards *(10 26 13 00-0003)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0005	LF	3/4" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-34)	7.98	3.45
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.70*	
10 26 13 00-0006	LF	1-1/2" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-12)	8.52	3.45
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.73*	
10 26 13 00-0007	LF	3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-13)	11.52	3.45
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.88*	
10 26 13 00-0008	LF	4" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-14)	15.27	3.45
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-3.07*	
10 26 13 00-0009		**135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards** *(10 26 13 00-0003)*		
10 26 13 00-0010	LF	1-1/2" Wing, 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-1245)	14.60	3.45
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-3.03*	
10 26 13 00-0011		**Rigid Vinyl Corner Guards With Aluminum Retainers** *(10 26 13 00-0001)*		
		Note: Includes closure caps.		
10 26 13 00-0012		**Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers** *(10 26 13 00-0011)*		
10 26 13 00-0013		**90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers** *(10 26 13 00-0012)*		
10 26 13 00-0014	LF	2" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-20)	14.73	5.17
		For >50 To 100, Deduct	*-2.16*	
		For >100 To 200, Deduct	*-3.02*	
		For >200, Deduct	*-4.18*	
		For Recycled Vinyl Retainer, Deduct	*-1.22*	
10 26 13 00-0015	LF	3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-10)	16.40	5.17
		For >50 To 100, Deduct	*-2.16*	
		For >100 To 200, Deduct	*-3.02*	
		For >200, Deduct	*-4.27*	
		For Recycled Vinyl Retainer, Deduct	*-1.56*	
10 26 13 00-0016	LF	Bullnose 3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-30)	18.06	5.17
		For >50 To 100, Deduct	*-2.16*	
		For >100 To 200, Deduct	*-3.02*	
		For >200, Deduct	*-4.35*	
		For Recycled Vinyl Retainer, Deduct	*-1.89*	
10 26 13 00-0017		**135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers** *(10 26 13 00-0012)*		
10 26 13 00-0018	LF	3" Wing, 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-135)	21.18	5.17
		For >50 To 100, Deduct	*-2.16*	
		For >100 To 200, Deduct	*-3.02*	
		For >200, Deduct	*-4.51*	
		For Recycled Vinyl Retainer, Deduct	*-2.51*	
10 26 13 00-0019		**End Wall Protector, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers** *(10 26 13 00-0012)*		
		Note: Includes two rigid vinyl corner guards with aluminum retainers and a vinyl wall covering filler strip inserted between guards.		
10 26 13 00-0020	LF	2" Wing, End Wall Protector, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-11)	30.05	6.90
		For >50 To 100, Deduct	*-2.88*	
		For >100 To 200, Deduct	*-4.03*	
		For >200, Deduct	*-6.10*	
		For Recycled Vinyl Retainer, Deduct	*-3.71*	
10 26 13 00-0021		**Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers** *(10 26 13 00-0011)*		
10 26 13 00-0022		**90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers** *(10 26 13 00-0021)*		
10 26 13 00-0023	LF	2" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-72)	19.53	5.17
		For >50 To 100, Deduct	*-2.16*	
		For >100 To 200, Deduct	*-3.02*	
		For >200, Deduct	*-4.42*	
		For Up To 2 HR Fire Rated, Add	*7.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0024	LF	3" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-7)	23.48	5.17
		For >50 To 100, Deduct	*-2.16*	
		For >100 To 200, Deduct	*-3.02*	
		For >200, Deduct	*-4.62*	
		For Up To 2 HR Fire Rated, Add	*10.40*	
10 26 13 00-0025	LF	Bullnose 3" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-32)	21.78	5.17
		For >50 To 100, Deduct	*-2.16*	
		For >100 To 200, Deduct	*-3.02*	
		For >200, Deduct	*-4.54*	
		For Up To 2 HR Fire Rated, Add	*9.21*	

10 26 13 00-0026 135 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0021)*

10 26 13 00-0027	LF	3" Wing, 135 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-75)	25.17	5.17
		For >50 To 100, Deduct	*-2.16*	
		For >100 To 200, Deduct	*-3.02*	
		For >200, Deduct	*-4.71*	
		For Up To 2 HR Fire Rated, Add	*11.59*	

10 26 13 00-0028 End Wall Protector, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0021)*

Note: Includes two rigid vinyl corner guards with aluminum retainers and a vinyl wall covering filler strip inserted between guards.

10 26 13 00-0029	LF	2" Wing, End Wall Protector, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-888)	52.52	6.90
		For >50 To 100, Deduct	*-2.88*	
		For >100 To 200, Deduct	*-4.03*	
		For >200, Deduct	*-7.23*	
		For Up To 2 HR Fire Rated, Add	*28.71*	

10 26 13 00-0030 Flexible Vinyl Corner Guards *(10 26 13 00-0001)*

Note: Includes adhesive for installation.

10 26 13 00-0031 Surface Mounted, Flexible Vinyl Corner Guards *(10 26 13 00-0030)*

10 26 13 00-0032 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guards *(10 26 13 00-0031)*

10 26 13 00-0033	LF	1-3/4" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-9)	10.91	3.45
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.85*	
		For Bolting To Concrete Or Masonry, Add	*2.50*	
10 26 13 00-0034	LF	2-1/2" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-3)	13.88	3.45
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-3.00*	
		For Bolting To Concrete Or Masonry, Add	*2.95*	
10 26 13 00-0035	LF	4" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-15)	16.29	3.45
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-3.12*	
		For Bolting To Concrete Or Masonry, Add	*3.31*	

10 26 13 00-0036 Polycarbonate Corner Guards *(10 26 13)*

10 26 13 00-0037 Surface Mounted, Polycarbonate Corner Guards *(10 26 13 00-0036)*

10 26 13 00-0038 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guards *(10 26 13 00-0037)*

10 26 13 00-0039	LF	3/4" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-16)	7.31	3.45
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.67*	
10 26 13 00-0040	LF	1-1/8" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-17)	8.77	3.45
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.74*	
10 26 13 00-0041	LF	2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-24)	10.47	3.45
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.83*	
10 26 13 00-0042	LF	2-1/2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-18)	11.49	3.45
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.88*	
10 26 13 00-0043	LF	Bullnose 2-1/2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-23)	11.12	3.45
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0044		135 Degree Angle, Surface Mounted, Polycarbonate Corner Guards *(10 26 13 00-0037)*		
10 26 13 00-0045	LF	2-1/2" Wing, 135 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-19)	11.49	3.45
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.88*	
10 26 13 00-0046		Aluminum Corner Guards *(10 26 13)*		
10 26 13 00-0047		Surface Mounted, Aluminum Corner Guards *(10 26 13 00-0046)*		
10 26 13 00-0048		90 Degree Angle, Surface Mounted, Aluminum Corner Guards *(10 26 13 00-0047)*		
10 26 13 00-0049	LF	1" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-400)	10.27	3.45
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.82*	
10 26 13 00-0050	LF	2" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-401)	12.24	3.45
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.92*	
10 26 13 00-0051	LF	3" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-402)	13.45	3.45
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.98*	
10 26 13 00-0052		135 Degree Angle, Surface Mounted, Aluminum Corner Guards *(10 26 13 00-0047)*		
10 26 13 00-0053	LF	1" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-403)	10.27	3.45
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.82*	
10 26 13 00-0054	LF	2" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-404)	12.24	3.45
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.92*	
10 26 13 00-0055	LF	3" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-405)	13.45	3.45
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.98*	
10 26 13 00-0056		Steel Corner Guards *(10 26 13)*		
10 26 13 00-0057		Steel Angle Iron, Corner Guards *(10 26 13 00-0056)*		
10 26 13 00-0058		Surface Mounted, Steel Angle Iron, Corner Guards *(10 26 13 00-0057)*		
10 26 13 00-0059		90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guards *(10 26 13 00-0058)*		
10 26 13 00-0060	LF	1" x 1" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	13.27	4.15
		For Galvanizing, Add	*2.23*	
		For >50 To 100, Deduct	*-1.73*	
		For >100 To 200, Deduct	*-2.42*	
		For >200, Deduct	*-3.42*	
10 26 13 00-0061	LF	2" x 2" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	16.78	4.49
		For Galvanizing, Add	*3.26*	
		For >50 To 100, Deduct	*-1.87*	
		For >100 To 200, Deduct	*-2.62*	
		For >200, Deduct	*-3.83*	
10 26 13 00-0062	LF	2" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	17.83	4.66
		For Galvanizing, Add	*3.52*	
		For >50 To 100, Deduct	*-1.94*	
		For >100 To 200, Deduct	*-2.72*	
		For >200, Deduct	*-4.00*	
10 26 13 00-0063	LF	3" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	18.24	4.83
		For Galvanizing, Add	*3.57*	
		For >50 To 100, Deduct	*-2.01*	
		For >100 To 200, Deduct	*-2.82*	
		For >200, Deduct	*-4.13*	
10 26 13 00-0064	LF	3" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	22.58	5.00
		For Galvanizing, Add	*4.98*	
		For >50 To 100, Deduct	*-2.09*	
		For >100 To 200, Deduct	*-2.92*	
		For >200, Deduct	*-4.47*	
10 26 13 00-0065	LF	4" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	26.94	5.17
		For Galvanizing, Add	*6.41*	
		For >50 To 100, Deduct	*-2.16*	
		For >100 To 200, Deduct	*-3.02*	
		For >200, Deduct	*-4.80*	
10 26 13 00-0066	LF	6" x 6" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	45.69	6.90
		For Galvanizing, Add	*11.97*	
		For >50 To 100, Deduct	*-2.88*	
		For >100 To 200, Deduct	*-4.03*	
		For >200, Deduct	*-6.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0067		Stainless Steel Corner Guards *(10 26 13)*		
10 26 13 00-0068		Stainless Steel Corner Guards *(10 26 13 00-0067)* Note: Includes 16 gauge, type 304 stainless steel corner guards with #4 satin finish.		
10 26 13 00-0069		Surface Mounted, Stainless Steel Corner Guards *(10 26 13 00-0068)*		
10 26 13 00-0070		90 Degree Angle, Surface Mounted, Stainless Steel Corner Guards *(10 26 13 00-0069)*		
10 26 13 00-0071	LF	1" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-520)	11.39	3.45
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.87*	
10 26 13 00-0072	LF	2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-510)	13.12	3.45
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.96*	
10 26 13 00-0073	LF	3-1/2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-500)	17.63	3.45
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-3.19*	
10 26 13 00-0074	LF	Bullnose 3-1/2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-550)	17.63	3.45
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-3.19*	
10 26 13 00-0075		135 Degree Angle, Surface Mounted, Stainless Steel Corner Guards *(10 26 13 00-0069)*		
10 26 13 00-0076	LF	3-1/2" Wing, 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-600)	17.63	3.45
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-3.19*	
10 26 13 00-0077	LF	Bullnose 3-1/2" Wing, 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-650)	17.63	3.45
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-3.19*	
10 26 13 00-0078		Stainless Steel Angle Iron, Corner Guards *(10 26 13 00-0067)*		
10 26 13 00-0079		Surface Mounted, Stainless Steel Angle Iron, Corner Guards *(10 26 13 00-0078)*		
10 26 13 00-0080		90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guards *(10 26 13 00-0079)*		
10 26 13 00-0081	LF	1" x 1" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	21.62	4.15
		For >50 To 100, Deduct	*-1.73*	
		For >100 To 200, Deduct	*-2.42*	
		For >200, Deduct	*-3.84*	
10 26 13 00-0082	LF	2" x 2" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	35.38	4.49
		For >50 To 100, Deduct	*-1.87*	
		For >100 To 200, Deduct	*-2.62*	
		For >200, Deduct	*-4.76*	
10 26 13 00-0083	LF	2" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	49.09	4.66
		For >50 To 100, Deduct	*-1.94*	
		For >100 To 200, Deduct	*-2.72*	
		For >200, Deduct	*-5.56*	
10 26 13 00-0084	LF	3" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	45.94	4.83
		For >50 To 100, Deduct	*-2.01*	
		For >100 To 200, Deduct	*-2.82*	
		For >200, Deduct	*-5.52*	
10 26 13 00-0085	LF	3" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	65.23	5.00
		For >50 To 100, Deduct	*-2.09*	
		For >100 To 200, Deduct	*-2.92*	
		For >200, Deduct	*-6.60*	
10 26 13 00-0086	LF	4" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	60.37	5.17
		For >50 To 100, Deduct	*-2.16*	
		For >100 To 200, Deduct	*-3.02*	
		For >200, Deduct	*-6.47*	
10 26 13 00-0087		Rubber Corner Guards *(10 26 13)* Note: Includes adhesive for installation.		
10 26 13 00-0088		Natural Rubber Corner Guards *(10 26 13 00-0087)*		
10 26 13 00-0089		Surface Mounted, Natural Rubber Corner Guards *(10 26 13 00-0088)*		
10 26 13 00-0090		90 Degree Angle, Surface Mounted, Natural Rubber Corner Guards *(10 26 13 00-0089)*		
10 26 13 00-0091	LF	4-3/4" Wing, 90 Degree Angle, Surface Mounted, Natural Rubber Corner Guard (Pawling CG-5)	50.32	3.45
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-4.82*	
		For Bolting To Concrete Or Masonry, Add	*8.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0092		Styrene-Butadiene Rubber (SBR) Corner Guards *(10 26 13 00-0087)*		
10 26 13 00-0093		Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guards *(10 26 13 00-0092)*		
10 26 13 00-0094		90 Degree Angle, Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guards *(10 26 13 00-0093)*		
10 26 13 00-0095	LF	4-5/8" Wing, 90 Degree Angle, Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guard (Pawling CG-2)	22.88	3.45
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-3.45*	
		For Bolting To Concrete Or Masonry, Add	*4.30*	
10 26 13 00-0096		Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards *(10 26 13 00-0087)*		
10 26 13 00-0097		Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards *(10 26 13 00-0096)*		
10 26 13 00-0098		90 Degree Angle, Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards *(10 26 13 00-0097)*		
10 26 13 00-0099	LF	4-5/8" Wing, 90 Degree Angle, Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guard (Pawling CG-2E)	20.13	3.45
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-3.31*	
		For Bolting To Concrete Or Masonry, Add	*3.88*	
10 26 16		**Bumper Guards** *(10 26)*		
10 26 16 13		**Bumper Rails** *(10 26 16)*		
10 26 16 13-0001		Crash Rails *(10 26 16 13)* Note: Includes end caps.		
10 26 16 13-0002		Polycarbonate Crash Rails *(10 26 16 13-0001)*		
10 26 16 13-0003	LF	3" High, 5/16" Deep, Polycarbonate Crash Rail (Pawling CR-3)	12.84	4.60
		For >50 To 100, Deduct	*-2.30*	
		For >100 To 200, Deduct	*-3.22*	
		For >200, Deduct	*-4.33*	
10 26 16 13-0004	LF	4" High, 5/16" Deep, Polycarbonate Crash Rail (Pawling CR-4)	14.13	4.60
		For >50 To 100, Deduct	*-2.30*	
		For >100 To 200, Deduct	*-3.22*	
		For >200, Deduct	*-4.39*	
10 26 16 13-0005		Aluminum Crash Rails *(10 26 16 13-0001)*		
10 26 16 13-0006	LF	4" High, 3-1/4" Deep, Aluminum Crash Rail (Pawling CRA-100)	36.56	4.60
		For >50 To 100, Deduct	*-2.30*	
		For >100 To 200, Deduct	*-3.22*	
		For >200, Deduct	*-5.51*	
10 26 16 13-0007		Stainless Steel Crash Rails *(10 26 16 13-0001)*		
10 26 16 13-0008	LF	4" High, 3-1/4" Deep, Stainless Steel Crash Rail (Pawling CRS-100)	63.91	4.60
		For >50 To 100, Deduct	*-2.30*	
		For >100 To 200, Deduct	*-3.22*	
		For >200, Deduct	*-6.88*	
10 26 16 13-0009	LF	5-1/2" High, 1-1/2" Deep, Stainless Steel Crash Rail (Pawling CRS-200)	50.23	4.60
		For >50 To 100, Deduct	*-2.30*	
		For >100 To 200, Deduct	*-3.22*	
		For >200, Deduct	*-6.20*	
10 26 16 13-0010		Wall Guards *(10 26 16 13)*		
10 26 16 13-0011		Rigid Vinyl Wall Guards With Aluminum Retainers *(10 26 16 13-0010)* Note: Includes end caps.		
10 26 16 13-0012	LF	1-1/2" High, 1-1/2" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-1)	13.19	4.03
		For >50 To 100, Deduct	*-2.01*	
		For >100 To 200, Deduct	*-2.82*	
		For >200, Deduct	*-3.88*	
10 26 16 13-0013	LF	3" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-3)	16.03	4.60
		For >50 To 100, Deduct	*-2.30*	
		For >100 To 200, Deduct	*-3.22*	
		For >200, Deduct	*-4.49*	
10 26 16 13-0014	LF	4" High, 3/4" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-4)	17.30	4.60
		For >50 To 100, Deduct	*-2.30*	
		For >100 To 200, Deduct	*-3.22*	
		For >200, Deduct	*-4.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 16 13-0015	LF	5" High, 1-1/16" Deep, Curved, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-5)	17.99	4.60
		For >50 To 100, Deduct	*-2.30*	
		For >100 To 200, Deduct	*-3.22*	
		For >200, Deduct	*-4.58*	
10 26 16 13-0016	LF	6" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-6)	21.41	4.89
		For >50 To 100, Deduct	*-2.45*	
		For >100 To 200, Deduct	*-3.42*	
		For >200, Deduct	*-4.98*	
10 26 16 13-0017	LF	8" High, 1-1/16" Deep, Curved, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-7)	21.52	4.89
		For >50 To 100, Deduct	*-2.45*	
		For >100 To 200, Deduct	*-3.42*	
		For >200, Deduct	*-4.99*	
10 26 16 13-0018	LF	7-3/4" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-8)	22.13	4.89
		For >50 To 100, Deduct	*-2.45*	
		For >100 To 200, Deduct	*-3.42*	
		For >200, Deduct	*-5.02*	
10 26 16 13-0019	LF	12" High, 2" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-12)	26.54	5.17
		For >50 To 100, Deduct	*-2.59*	
		For >100 To 200, Deduct	*-3.62*	
		For >200, Deduct	*-5.47*	

10 26 16 13-0020 Rubber Wall Guards *(10 26 16 13-0010)*

10 26 16 13-0021 D-Shaped, Rubber Wall Guards *(10 26 16 13-0020)*

10 26 16 13-0022	LF	2" High, 1-3/4" Deep, D-Shaped, Rubber Wall Guard (Pawling D-2)	17.55	4.03
		For >50 To 100, Deduct	*-2.01*	
		For >100 To 200, Deduct	*-2.82*	
		For >200, Deduct	*-4.10*	
10 26 16 13-0023	LF	3" High, 3" Deep, D-Shaped, Rubber Wall Guard (Pawling D-3)	25.62	4.60
		For >50 To 100, Deduct	*-2.30*	
		For >100 To 200, Deduct	*-3.22*	
		For >200, Deduct	*-4.97*	
10 26 16 13-0024	LF	4" High, 4-1/4" Deep, D-Shaped, Rubber Wall Guard (Pawling D-4)	37.45	4.60
		For >50 To 100, Deduct	*-2.30*	
		For >100 To 200, Deduct	*-3.22*	
		For >200, Deduct	*-5.56*	
10 26 16 13-0025	LF	6" High, 6" Deep, D-Shaped, Rubber Wall Guard (Pawling D-6)	52.35	4.60
		For >50 To 100, Deduct	*-2.30*	
		For >100 To 200, Deduct	*-3.22*	
		For >200, Deduct	*-6.30*	

10 26 16 13-0026 Rectangular, Rubber Wall Guards *(10 26 16 13-0020)*

10 26 16 13-0027	LF	8" High, 1-1/2" Deep, Rectangular, Rubber Wall Guard (Pawling E-1)	40.07	4.89
		For >50 To 100, Deduct	*-2.45*	
		For >100 To 200, Deduct	*-3.42*	
		For >200, Deduct	*-5.92*	
10 26 16 13-0028	LF	9" High, 2" Deep, Rectangular, Rubber Wall Guard (Pawling M-2)	50.42	5.17
		For >50 To 100, Deduct	*-2.59*	
		For >100 To 200, Deduct	*-3.62*	
		For >200, Deduct	*-6.66*	

10 26 16 13-0029 Wing Type, Rubber Wall Guards *(10 26 16 13-0020)*

10 26 16 13-0030	LF	6" High, 2" Deep, Wing Type, Rubber Wall Guard (Pawling WT-20)	65.27	4.60
		For >50 To 100, Deduct	*-2.30*	
		For >100 To 200, Deduct	*-3.22*	
		For >200, Deduct	*-6.95*	
10 26 16 13-0031	LF	6" High, 3" Deep, Wing Type, Rubber Wall Guard (Pawling WT-30)	69.38	4.60
		For >50 To 100, Deduct	*-2.30*	
		For >100 To 200, Deduct	*-3.22*	
		For >200, Deduct	*-7.15*	
10 26 16 13-0032	LF	3-7/8" High, 2-1/2" Deep, Wing Type, Rubber Wall Guard (Pawling WT-25)	31.95	4.03
		For >50 To 100, Deduct	*-2.01*	
		For >100 To 200, Deduct	*-2.82*	
		For >200, Deduct	*-4.82*	

10 26 16 13-0033 U-Shaped, Rubber Wall Guards *(10 26 16 13-0020)*

10 26 16 13-0034	LF	3-1/8" High, 3-7/8" Deep, U-Shaped, Rubber Wall Guard (Pawling U-4)	55.25	4.89
		For >50 To 100, Deduct	*-2.45*	
		For >100 To 200, Deduct	*-3.42*	
		For >200, Deduct	*-6.67*	
10 26 16 13-0035	LF	4-1/2" High, 3-1/2" Deep, U-Shaped, Rubber Wall Guard (Pawling U-3)	61.74	4.89
		For >50 To 100, Deduct	*-2.45*	
		For >100 To 200, Deduct	*-3.42*	
		For >200, Deduct	*-7.00*	

10 26 16 13-0036 Accent Rails *(10 26 16 13)*

Note: Includes end caps.

10 26 16 13-0037 Oval, Rigid Vinyl Accent Rails With Aluminum Retainers *(10 26 16 13-0036)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 16 13-0038	LF	1-1/8" High, 1-1/16" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling EB-25)	15.41	4.03
		For >50 To 100, Deduct	*-2.01*	
		For >100 To 200, Deduct	*-2.82*	
		For >200, Deduct	*-3.99*	
10 26 16 13-0039	LF	2" High, 1-1/8" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling EBR-30)	15.44	4.03
		For >50 To 100, Deduct	*-2.01*	
		For >100 To 200, Deduct	*-2.82*	
		For >200, Deduct	*-3.99*	
10 26 16 13-0040	LF	2" High, 1-3/4" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling WG-22)	21.74	4.03
		For >50 To 100, Deduct	*-2.01*	
		For >100 To 200, Deduct	*-2.82*	
		For >200, Deduct	*-4.31*	

10 26 16 16 Protective Corridor Handrails *(10 26 16)*

10 26 16 16-0001 Protective Corridor Handrails *(10 26 16 16)*

10 26 16 16-0002 Vinyl/Acrylic Protective Corridor Handrails With Aluminum Retainers *(10 26 16 16-0001)*

10 26 16 16-0003	LF	1-1/2" Diameter, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HR-6CN)	33.33	8.62
		For >50 To 100, Deduct	*-4.32*	
		For >100 To 200, Deduct	*-6.04*	
		For >200, Deduct	*-8.57*	
10 26 16 16-0004	EA	End Cap For 1-1/2" Diameter, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn)	28.74	8.62
		For >25 To 50, Deduct	*-4.32*	
		For >50 To 100, Deduct	*-6.04*	
		For >100, Deduct	*-8.34*	
10 26 16 16-0005	LF	5-1/2" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HRB-4C)	47.10	8.62
		For >50 To 100, Deduct	*-4.32*	
		For >100 To 200, Deduct	*-6.04*	
		For >200, Deduct	*-9.26*	
10 26 16 16-0006	EA	End Cap For 5-1/2" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn)	37.92	8.62
		For >25 To 50, Deduct	*-4.32*	
		For >50 To 100, Deduct	*-6.04*	
		For >100, Deduct	*-8.80*	
10 26 16 16-0007	LF	6-1/4" High, Vinyl/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn HRB-10CN)	49.39	8.62
		For >50 To 100, Deduct	*-4.32*	
		For >100 To 200, Deduct	*-6.04*	
		For >200, Deduct	*-9.37*	
10 26 16 16-0008	EA	End Cap For 6-1/4" High, Vinyl/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn)	53.98	8.62
		For >25 To 50, Deduct	*-4.32*	
		For >50 To 100, Deduct	*-6.04*	
		For >100, Deduct	*-9.60*	
10 26 16 16-0009	LF	6" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HR-8CN)	65.46	8.62
		For >50 To 100, Deduct	*-4.32*	
		For >100 To 200, Deduct	*-6.04*	
		For >200, Deduct	*-10.18*	
10 26 16 16-0010	EA	End Cap For 6" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn)	72.34	8.62
		For >25 To 50, Deduct	*-4.32*	
		For >50 To 100, Deduct	*-6.04*	
		For >100, Deduct	*-10.52*	

10 26 16 16-0011 Stainless Steel Protective Corridor Handrails *(10 26 16 16-0001)*

10 26 16 16-0012	LF	5-7/8" High, Stainless Steel Protective Corridor Handrail (Acrovyn P-RS)	88.41	8.62
		For >50 To 100, Deduct	*-4.32*	
		For >100 To 200, Deduct	*-6.04*	
		For >200, Deduct	*-11.32*	
10 26 16 16-0013	EA	End Cap For 5-7/8" High, Stainless Steel Protective Corridor Handrail (Acrovyn)	90.70	8.62
		For >25 To 50, Deduct	*-4.32*	
		For >50 To 100, Deduct	*-6.04*	
		For >100, Deduct	*-11.44*	

10 26 16 16-0014 Hardwood Protective Corridor Handrails *(10 26 16 16-0001)*

Note: Includes end caps.

10 26 16 16-0015	LF	4" High, Vinyl Protective Corridor Handrail With 1-1/2" Diameter Wood (Pawling BR-400C)	31.41	6.75
		For >50 To 100, Deduct	*-3.38*	
		For >100 To 200, Deduct	*-4.73*	
		For >200, Deduct	*-6.97*	
		For Maple, Add	*0.54*	
10 26 16 16-0016	LF	5-1/2" Diameter, Hardwood Protective Corridor Handrail With Vinyl Inserts (Pawling BR-5500)	37.41	7.20
		For >50 To 100, Deduct	*-3.60*	
		For >100 To 200, Deduct	*-5.04*	
		For >200, Deduct	*-7.63*	
10 26 16 16-0017	LF	1-1/2" Diameter, Hardwood Protective Corridor Handrail (Pawling BR-1500)	27.58	6.75
		For >50 To 100, Deduct	*-3.38*	
		For >100 To 200, Deduct	*-4.73*	
		For >200, Deduct	*-6.78*	
		For Maple, Add	*6.05*	
		For Oak, Add	*6.75*	

10 26 23 Protective Wall Covering *(10 26)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 23 13		**Impact Resistant Wall Protection** *(10 26 23)*		
10 26 23 13-0001		Impact Resistant Wall Protection *(10 26 23 13)* Note: Includes standard trim.		
10 26 23 13-0002	SF	0.030" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-30)	8.48	2.88
10 26 23 13-0003	SF	0.040" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-40)	8.81	2.88
10 26 23 13-0004	SF	0.060" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-60)	10.73	2.88
10 26 23 13-0005		Interior Polyvinyl Chloride (PVC) Soffit System *(10 26 23 13)* Note: DecoShield Systems, Inc. Concealment system for fire sprinkler piping, plumbing lines, HVAC, cable and conduit.		
10 26 23 13-0006		"L" Design *(10 26 23 13-0005)*		
10 26 23 13-0007		L-Shield *(10 26 23 13-0006)*		
10 26 23 13-0008	LF	2.38" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1" Shield Size For 3/4" And 1" Diameter Pipe	17.36	2.88
10 26 23 13-0009	LF	3" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1-1/4" Shield Size For 1-1/4" And 1-1/2" Diameter Pipe	19.93	4.03
10 26 23 13-0010	LF	3.75" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2" Shield Size For 2" Diameter Pipe	26.21	5.17
10 26 23 13-0011	LF	5.75" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2-1/2" Shield Size For 2-1/2" Diameter Pipe	36.14	6.33
10 26 23 13-0012		"Combo" Hanger *(10 26 23 13-0006)*		
10 26 23 13-0013	EA	Combination "Combo" Hanger, L-Support, For 3/4" Diameter Pipe	18.58	5.76
10 26 23 13-0014	EA	Combination "Combo" Hanger, L-Support, For 1" Diameter Pipe	21.45	6.91
10 26 23 13-0015	EA	Combination "Combo" Hanger, L-Support, For 1-1/4" Diameter Pipe	24.75	8.05
10 26 23 13-0016	EA	Combination "Combo" Hanger, L-Support, For 1-1/2" Diameter Pipe	27.46	9.21
10 26 23 13-0017	EA	Combination "Combo" Hanger, L-Support, For 2" Diameter Pipe	30.76	10.36
10 26 23 13-0018		Snap-2 Pipe Hanger *(10 26 23 13-0006)*		
10 26 23 13-0019	EA	Snap-2 Pipe Hanger, L-Support, For 3/4" Diameter Pipe	15.19	5.76
10 26 23 13-0020	EA	Snap-2 Pipe Hanger, L-Support, For 1" Diameter Pipe	18.48	6.91
10 26 23 13-0021	EA	Snap-2 Pipe Hanger, L-Support, For 1-1/4" Diameter Pipe	21.50	8.05
10 26 23 13-0022	EA	Snap-2 Pipe Hanger, L-Support, For 1-1/2" Diameter Pipe	25.06	9.21
10 26 23 13-0023	EA	Snap-2 Pipe Hanger, L-Support, For 2" Diameter Pipe	28.78	10.36
10 26 23 13-0024		Coupling *(10 26 23 13-0006)*		
10 26 23 13-0025	EA	Coupling, L-Shield, 1" Shield Size	10.15	2.88
10 26 23 13-0026	EA	Coupling, L-Shield, 1-1/4" Shield Size	14.70	4.03
10 26 23 13-0027	EA	Coupling, L-Shield, 2" Shield Size	21.25	5.17
10 26 23 13-0028	EA	Coupling, L-Shield, 2-1/2" Shield Size	26.67	6.33
10 26 23 13-0029		Coupling, Reducer *(10 26 23 13-0006)*		
10 26 23 13-0030	EA	Coupling, Reducing, L-Shield, 1-1/4" x 1" Shield Size	29.55	3.45
10 26 23 13-0031	EA	Coupling, Reducing, L-Shield, 2" x 1" Shield Size	36.35	4.03
10 26 23 13-0032	EA	Coupling, Reducing, L-Shield, 2" x 1-1/4" Shield Size	43.16	4.60
10 26 23 13-0033	EA	Coupling, Reducing, L-Shield, 2-1/2" x 2" Shield Size	171.09	5.76
10 26 23 13-0034		Shield Clips *(10 26 23 13-0006)*		
10 26 23 13-0035	EA	Shield Clips, L-Support, 1" Shield Size	6.14	1.72
10 26 23 13-0036	EA	Shield Clips, L-Support, 1-1/4" Shield Size	9.16	2.88
10 26 23 13-0037	EA	Shield Clips, L-Support, 2" Shield Size	12.01	4.03
10 26 23 13-0038	EA	Shield Clips, L-Support, 2-1/2" Shield Size	13.47	5.17
10 26 23 13-0039		Wall Flange *(10 26 23 13-0006)*		
10 26 23 13-0040	EA	Wall Flange, L-Shield, 1" Shield Size	9.86	2.88
10 26 23 13-0041	EA	Wall Flange, L-Shield, 1-1/4" Shield Size	14.13	4.03
10 26 23 13-0042	EA	Wall Flange, L-Shield, 2" Shield Size	20.69	5.17
10 26 23 13-0043	EA	Wall Flange, L-Shield, 2-1/2" Shield Size	88.58	6.33
10 26 23 13-0044		End Cap *(10 26 23 13-0006)*		
10 26 23 13-0045	EA	End Cap, L-Shield, 1" Shield Size	10.38	1.72
10 26 23 13-0046	EA	End Cap, L-Shield, 1-1/4" Shield Size	13.68	2.88
10 26 23 13-0047	EA	End Cap, L-Shield, 2" Shield Size	18.94	4.03
10 26 23 13-0048	EA	End Cap, L-Shield, 2-1/2" Shield Size	90.43	5.17
10 26 23 13-0049		Inside/Outside Corner *(10 26 23 13-0006)*		
10 26 23 13-0050	EA	Inside/Outside Corner, L-Shield, 1" Shield Size	65.69	5.76
10 26 23 13-0051	EA	Inside/Outside Corner, L-Shield, 1-1/4" Shield Size	70.68	6.91
10 26 23 13-0052	EA	Inside/Outside Corner, L-Shield, 2" Shield Size	85.32	8.63
10 26 23 13-0053	EA	Inside/Outside Corner, L-Shield, 2-1/2" Shield Size	150.17	10.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 23 13-0054		**Joiner** *(10 26 23 13-0006)*		
10 26 23 13-0055	LF	Joiner, L-Shield	13.49	1.72
10 26 23 13-0056		**"U" Design** *(10 26 23 13-0005)*		
10 26 23 13-0057		**U-Shield** *(10 26 23 13-0056)*		
10 26 23 13-0058	LF	2.25" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1" Shield Size For 3/4" And 1" Diameter Pipe	21.04	2.88
10 26 23 13-0059	LF	2.875" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1-1/4" Shield Size For 1-1/4" Diameter Pipe	26.16	4.03
10 26 23 13-0060	LF	3.68" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2" Shield Size For 1-1/2" And 2" Diameter Pipe	33.42	4.03
10 26 23 13-0061		**"Combo" Hanger** *(10 26 23 13-0056)*		
10 26 23 13-0062	EA	Combination "Combo" Hanger, U-Support For 3/4" Diameter Pipe	15.90	5.76
10 26 23 13-0063	EA	Combination "Combo" Hanger, U-Support For 1" Diameter Pipe	18.90	6.91
10 26 23 13-0064	EA	Combination "Combo" Hanger, U-Support For 1-1/4" Diameter Pipe	21.78	8.05
10 26 23 13-0065	EA	Combination "Combo" Hanger, U-Support For 1-1/2" Diameter Pipe	27.04	9.21
10 26 23 13-0066	EA	Combination "Combo" Hanger, U-Support For 2" Diameter Pipe	30.62	10.36
10 26 23 13-0067		**Snap-2 Pipe Hanger** *(10 26 23 13-0056)*		
10 26 23 13-0068	EA	Snap-2 Pipe Hanger, U-Support, For 3/4" Diameter Pipe	14.91	5.76
10 26 23 13-0069	EA	Snap-2 Pipe Hanger, U-Support, For 1" Diameter Pipe	18.20	6.91
10 26 23 13-0070	EA	Snap-2 Pipe Hanger, U-Support, For 1-1/4" Diameter Pipe	22.20	8.05
10 26 23 13-0071	EA	Snap-2 Pipe Hanger, U-Support, For 1-1/2" Diameter Pipe	24.78	9.21
10 26 23 13-0072	EA	Snap-2 Pipe Hanger, U-Support, For 2" Diameter Pipe	28.64	10.36
10 26 23 13-0073		**Coupling** *(10 26 23 13-0056)*		
10 26 23 13-0074	EA	Coupling, U-Shield, 1" Shield Size	12.13	2.88
10 26 23 13-0075	EA	Coupling, U-Shield, 1-1/4" Shield Size	15.12	4.03
10 26 23 13-0076	EA	Coupling, U-Shield, 2" Shield Size	18.42	5.17
10 26 23 13-0077		**Coupling, Reducer** *(10 26 23 13-0056)*		
10 26 23 13-0078	EA	Reducing Coupling, U-Shield, 1-1/4" x 1" Shield Size	35.21	3.45
10 26 23 13-0079	EA	Reducing Coupling, U-Shield, 2" x 1" Shield Size	42.00	4.03
10 26 23 13-0080	EA	Reducing Coupling, U-Shield, 2" x 1-1/4" Shield Size	44.58	4.60
10 26 23 13-0081		**Shield Clips** *(10 26 23 13-0056)*		
10 26 23 13-0082	EA	Shield Clips, U-Support, 1" Shield Size	5.57	1.72
10 26 23 13-0083	EA	Shield Clips, U-Support, 1-1/4" Shield Size	8.17	2.88
10 26 23 13-0084	EA	Shield Clips, U-Support, 2" Shield Size	10.74	4.03
10 26 23 13-0085		**Wall Flange** *(10 26 23 13-0056)*		
10 26 23 13-0086	EA	Wall Flange, U-Shield, 1" Shield Size	11.70	2.88
10 26 23 13-0087	EA	Wall Flange, U-Shield, 1-1/4" Shield Size	14.98	4.03
10 26 23 13-0088	EA	Wall Flange, U-Shield, 2" Shield Size	18.28	5.17
10 26 23 13-0089		**End Cap** *(10 26 23 13-0056)*		
10 26 23 13-0090	EA	End Cap, U-Shield, 1" Shield Size	11.09	1.72
10 26 23 13-0091	EA	End Cap, U-Shield, 1-1/4" Shield Size	14.81	2.88
10 26 23 13-0092	EA	End Cap, U-Shield, 2" Shield Size	18.38	4.03
10 26 23 13-0093		**Inside/Outside Corner** *(10 26 23 13-0056)*		
10 26 23 13-0094	EA	Inside/Outside Corner, U-Shield, 1" Shield Size	82.81	5.76
10 26 23 13-0095	EA	Inside/Outside Corner, U-Shield, 1-1/4" Shield Size	92.05	6.91
10 26 23 13-0096	EA	Inside/Outside Corner, U-Shield, 2" Shield Size	108.80	8.63
10 26 23 13-0097		**Elbow** *(10 26 23 13-0056)*		
10 26 23 13-0098	EA	Elbow, U-Shield, 1" Shield Size	81.26	5.76
10 26 23 13-0099	EA	Elbow, U-Shield, 1-1/4" Shield Size	89.22	6.91
10 26 23 13-0100	EA	Elbow, U-Shield, 2" Shield Size	106.12	8.63
10 26 23 13-0101		**Tee** *(10 26 23 13-0056)*		
10 26 23 13-0102	EA	Tee, U-Shield, 1" x 1" x 1" Shield Size	102.58	8.63
10 26 23 13-0103	EA	Tee, U-Shield, 1-1/4" x 1-1/4" x 1-1/4" Shield Size	113.95	10.36
10 26 23 13-0104	EA	Tee, U-Shield, 2" x 2" x 2" Shield Size	132.98	12.66
10 26 23 13-0105	EA	Tee, U-Shield, 1-1/4" x 1-1/4" x 1" Shield Size	135.58	9.79
10 26 23 13-0106	EA	Tee, U-Shield, 2" x 2" x 1-1/4" Shield Size	145.98	12.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 23 13-0107		**Cross** *(10 26 23 13-0056)*		
10 26 23 13-0108	EA	Cross, U-Shield, 1" Shield Size	186.41	11.51
10 26 23 13-0109	EA	Cross, U-Shield, 1-1/4" Shield Size	208.71	13.81
10 26 23 13-0110	EA	Cross, U-Shield, 2" Shield Size	253.53	17.27
10 26 23 13-0111	EA	Cross, U-Shield, 1-1/4" x 1" Shield Size	256.21	12.66
10 26 23 13-0112	EA	Cross, U-Shield, 2" x 1-1/4" Shield Size	281.49	15.53
10 26 23 13-0113		**Transition Fittings (L to U Or U to L)** *(10 26 23 13-0005)*		
10 26 23 13-0114		**Coupling Transition** *(10 26 23 13-0113)*		
10 26 23 13-0115	EA	Transition Coupling, 1" x 1", LxU or UxL	31.51	2.88
10 26 23 13-0116	EA	Transition Coupling, 1-1/4" x 1-1/4", LxU or UxL	35.50	4.03
10 26 23 13-0117	EA	Transition Coupling, 2" x 2", LxU or UxL	44.17	5.17
10 26 23 13-0118	EA	Transition Coupling, 1" x 1-1/4", LxU or UxL	35.63	3.45
10 26 23 13-0119	EA	Transition Coupling, 1-1/4" x 2", LxU or UxL	44.30	4.60
10 26 23 13-0120	EA	Transition Coupling, 2" x 2-1/2", LxU or UxL	179.16	5.76
10 26 23 13-0121		**Elbow Transition** *(10 26 23 13-0113)*		
10 26 23 13-0122	EA	Transition Elbow, 1" x 1" (UxL)	109.69	5.76
10 26 23 13-0123	EA	Transition Elbow, 1-1/4" x 1-1/4" (UxL)	118.78	6.91
10 26 23 13-0124	EA	Transition Elbow, 2" x 2" (UxL)	139.22	8.63
10 26 23 13-0125	EA	Transition Elbow, 1" x 1-1/4" (UxL)	171.11	6.33
10 26 23 13-0126	EA	Transition Elbow, 1-1/4" x 1" (UxL)	120.75	6.33
10 26 23 13-0127	EA	Transition Elbow, 1-1/4" x 2" (UxL)	180.51	8.05
10 26 23 13-0128	EA	Transition Elbow, 2" x 1-1/4" (UxL)	139.63	8.05
10 26 23 13-0129	EA	Transition Elbow, 2" x 2-1/2" (UxL)	217.04	9.21
10 26 23 13-0130		**Tee Transition** *(10 26 23 13-0113)*		
10 26 23 13-0131	EA	Transition Tee, 1" x 1" x 1" (LxLxU)	125.36	8.63
10 26 23 13-0132	EA	Transition Tee, 1-1/4" x 1-1/4" x 1-1/4" (LxLxU)	144.94	10.36
10 26 23 13-0133	EA	Transition Tee, 2" x 2" x 2" (LxLxU)	168.49	12.66
10 26 23 13-0134	EA	Transition Tee, 1-1/4" x 1-1/4" x 1" (LxLxU)	132.33	9.79
10 26 23 13-0135	EA	Transition Tee, 1-1/4" x 1-1/4" x 2" (LxLxU)	208.62	10.93
10 26 23 13-0136	EA	Transition Tee, 2" x 2" x 1-1/4" (LxLxU)	147.25	12.08
10 26 23 13-0137	EA	Transition Tee, 2-1/2" x 2-1/2" x 2" (LxLxU)	201.37	14.39
10 26 23 13-0138		**Fittings (L Or U)** *(10 26 23 13-0005)*		
10 26 23 13-0139		**Hugger Hangers For Steel Pipe** *(10 26 23 13-0138)*		
10 26 23 13-0140	EA	1/2" Diameter Steel Pipe, Hugger Hanger	12.18	4.60
10 26 23 13-0141	EA	3/4" Diameter Steel Pipe, Hugger Hanger	15.19	5.76
10 26 23 13-0142	EA	1" Diameter Steel Pipe, Hugger Hanger	17.77	6.91
10 26 23 13-0143	EA	1-1/4" Diameter Steel Pipe, Hugger Hanger	20.51	8.05
10 26 23 13-0144	EA	1-1/2" Diameter Steel Pipe, Hugger Hanger	23.08	9.21
10 26 23 13-0145	EA	2" Diameter Steel Pipe, Hugger Hanger	25.95	9.21
10 26 23 13-0146	EA	2-1/2" Diameter Steel Pipe, Hugger Hanger	28.53	11.51
10 26 23 13-0147	EA	3" Diameter Steel Pipe, Hugger Hanger	36.07	12.66
10 26 23 13-0148		**Hugger Hangers For Copper Pipe** *(10 26 23 13-0138)*		
10 26 23 13-0149	EA	1/2" Diameter Copper Pipe, Hugger Hanger	12.32	4.60
10 26 23 13-0150	EA	3/4" Diameter Copper Pipe, Hugger Hanger	15.33	5.76
10 26 23 13-0151	EA	1" Diameter Copper Pipe, Hugger Hanger	17.91	6.91
10 26 23 13-0152	EA	1-1/4" Diameter Copper Pipe, Hugger Hanger	20.65	8.05
10 26 23 13-0153	EA	1-1/2" Diameter Copper Pipe, Hugger Hanger	23.22	9.21
10 26 23 13-0154	EA	2" Diameter Copper Pipe, Hugger Hanger	26.24	10.36
10 26 23 13-0155	EA	2-1/2" Diameter Copper Pipe, Hugger Hanger	28.81	11.51
10 26 23 13-0156	EA	3" Diameter Copper Pipe, Hugger Hanger	36.50	12.66
10 26 23 13-0157		**Shield Extension (L Or U)** *(10 26 23 13-0138)*		
10 26 23 13-0158	LF	Shield Extension	16.47	1.72
10 26 23 13-0159		**Interior Steel Soffit System** *(10 26 23 13)*		
		Note: Concealment system for fire sprinkler piping, plumbing lines, HVAC, cable and conduit. Includes factory painted finish and field touch-up.		
10 26 23 13-0160	SF	24 Gauge Steel, U-Shield (JG Innovations Soffi-Steel)	30.92	5.17
		For 22 Gauge Steel, Add	*2.06*	
		For 20 Gauge Steel, Add	*4.40*	
		For 18 Gauge Steel, Add	*8.64*	
		For 16 Gauge Steel, Add	*13.26*	
		For Stainless Steel, Add	*5.14*	
10 26 23 13-0161	EA	U-Shield Wall Flange (JG Innovations Soffi-Steel)	47.50	14.39
		For Stainless Steel, Add	*4.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 23 13-0162	EA	U-Shield Corner (JG Innovations Soffi-Steel)	123.10	17.27
		For Stainless Steel, Add	*21.86*	
10 26 23 13-0163	EA	U-Shield End Cap (JG Innovations Soffi-Steel)	37.25	8.63
		For Stainless Steel, Add	*5.00*	
10 26 23 13-0164	EA	U-Shield Clip (JG Innovations Soffi-Steel)	7.71	3.45
		For Stainless Steel, Add	*0.20*	
10 26 23 13-0165	SF	24 Gauge Steel, L-Shield (JG Innovations Soffi-Steel)	35.29	5.17
		For 22 Gauge Steel, Add	*1.87*	
		For 20 Gauge Steel, Add	*3.99*	
		For 18 Gauge Steel, Add	*7.73*	
		For 16 Gauge Steel, Add	*12.96*	
		For Stainless Steel, Add	*6.23*	
10 26 23 13-0166	EA	L-Shield Wall Flange (JG Innovations Soffi-Steel)	47.50	14.39
		For Stainless Steel, Add	*4.68*	
10 26 23 13-0167	EA	L-Shield Corner (JG Innovations Soffi-Steel)	123.10	17.27
		For Stainless Steel, Add	*21.86*	
10 26 23 13-0168	EA	L-Shield End Cap (JG Innovations Soffi-Steel)	32.64	6.33
		For Stainless Steel, Add	*5.00*	
10 26 23 13-0169	EA	L-Shield Clip (JG Innovations Soffi-Steel)	7.71	3.45
		For Stainless Steel, Add	*0.20*	

10 26 41 Bullet Resistant Panels *(10 26)*

10 26 41 00-0001 Laminated Bullet Resistant Fiberglass Panel *(10 26 41)*

Note: Material consisting of multiple layers of woven roving ballistic grade fiberglass cloth impregnated with a thermoset polyester resin and compressed into rigid flat sheets.

10 26 41 00-0002	SF	1/8" Thick Ballistic Resistant Fiberglass Panel, 1.2 Lb./SF	22.79	1.63
10 26 41 00-0003	SF	3/16" Thick Ballistic Resistant Fiberglass Panel, 2 Lb./SF	31.37	1.74
10 26 41 00-0004	SF	1/4" Thick Ballistic Resistant Fiberglass Panel, 2.4 To 2.6 Lb./SF	35.50	1.86
10 26 41 00-0005	SF	5/16" Thick Ballistic Resistant Fiberglass Panel, 3 To 3.6 Lb./SF	37.75	1.97
10 26 41 00-0006	SF	3/8" Thick Ballistic Resistant Fiberglass Panel, 3.6 To 3.9 Lb./SF	40.91	2.08
10 26 41 00-0007	SF	7/16" Thick Ballistic Resistant Fiberglass Panel, 4 To 4.9 Lb./SF	44.04	2.20
10 26 41 00-0008	SF	9/16" Thick Ballistic Resistant Fiberglass Panel, 5.5 To 6.6 Lb./SF	75.02	2.66
10 26 41 00-0009	SF	1-1/8" Thick Ballistic Resistant Fiberglass Panel, 11 To 11.7 Lb./SF	107.83	4.17
10 26 41 00-0010	SF	1-3/16" Thick Ballistic Resistant Fiberglass Panel, 12 To 13.2 Lb./SF	128.33	4.99
10 26 41 00-0011	SF	1-5/16" Thick Ballistic Resistant Fiberglass Panel, 13.4 To 14 Lb./SF	154.73	5.44
10 26 41 00-0012	SF	1-7/16" Thick Ballistic Resistant Fiberglass Panel, 15.2 To 16 Lb./SF	176.13	5.80

10 28 Toilet, Bath, and Laundry Accessories *(10 20)*

10 28 13 Toilet Accessories *(10 28)*

10 28 13 13 Commercial Toilet Accessories *(10 28 13)*

10 28 13 13-0001 Toilet Accessories *(10 28 13 13)*

10 28 13 13-0002 Dispensers *(10 28 13 13-0001)*

10 28 13 13-0003 Paper Towel Dispensers *(10 28 13 13-0002)*

10 28 13 13-0004 Stainless Steel Paper Towel Dispensers *(10 28 13 13-0003)*

10 28 13 13-0005	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-262)	123.01	25.88
10 28 13 13-0006	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-2620)	131.99	25.88
10 28 13 13-0007	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-2621)	133.33	25.88
10 28 13 13-0008	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-26212)	135.91	25.88
10 28 13 13-0009	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-263)	206.90	25.88
10 28 13 13-0010	EA	Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-359)	222.06	25.88
10 28 13 13-0011	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Contura B-4262)	245.66	25.88
10 28 13 13-0012	EA	Countertop Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick TrimLine B-526)	258.22	11.50
10 28 13 13-0013	EA	Concealed Cabinet, Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-318)	430.12	25.88
10 28 13 13-0014	EA	Touch Free, Surface Mounted, Stainless Steel Roll Paper Towel Dispenser (Bobrick B-2860)	511.49	25.88
10 28 13 13-0015	EA	Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-4369)	549.63	25.88
10 28 13 13-0016	EA	Recessed Automated Touchless Towel Dispenser, Stainless (Georgia-Pacific enMotion® 59466)	309.77	25.88
10 28 13 13-0017	EA	Stainless Steel Mounting Bracket For Wall Mounting enMotion Recessed Automated Touchless Towel Dispenser (Georgia-Pacific enMotion® 59476)	162.03	14.38

10 28 13 13-0018 Plastic Paper Towel Dispensers *(10 28 13 13-0003)*

10 28 13 13-0019	EA	Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Folded Paper Towel Dispenser (Bobrick Matrix B-5262)	92.38	25.88
10 28 13 13-0020	EA	Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Roll Paper Towel Dispenser (Bobrick Matrix B-52860)	195.57	25.88
10 28 13 13-0021	EA	Surface Mounted, Translucent Cover, Acrylonitrile Butadiene Styrene (ABS) Plastic Roll Paper Towel Dispenser (Bobrick B-72860)	194.19	25.88
10 28 13 13-0022	EA	Surface Mounted, Automated Touchless Towel Dispenser, Translucent Plastic (Georgia-Pacific enMotion® 59462)	164.51	25.88

10 28 13 13-0023 Aluminum Paper Towel Dispensers *(10 28 13 13-0003)*

10 28 13 13-0024	EA	Surface Mounted, Heavy-Duty Aluminum Casting Roll Paper Towel Dispenser (Bobrick B-253)	101.37	25.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0025		**Toilet Tissue Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0026		**Plastic Toilet Tissue Dispensers** *(10 28 13 13-0025)*		
10 28 13 13-0027	EA	Two Roll, Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Toilet Tissue Dispenser (Bobrick B-5288)	92.05	25.88
10 28 13 13-0028	EA	Two Jumbo Roll, Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Toilet Tissue Dispenser (Georgia Pacific 58250)	103.21	25.88
10 28 13 13-0029	EA	Vertical Double Roll, Surface Mounted, Translucent Plastic Steel Coreless Toilet Tissue Dispenser (Georgia-Pacific Compact® 56760)	79.00	25.88
10 28 13 13-0030	EA	Side By Side Double Roll, Surface Mounted, Translucent Plastic Toilet Tissue Dispenser (Georgia-Pacific Compact® 56784)	94.33	25.88
10 28 13 13-0031		**Cast Aluminum Toilet Tissue Dispensers** *(10 28 13 13-0025)*		
10 28 13 13-0032	EA	Single Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-2730)	82.74	25.88
10 28 13 13-0033	EA	Single Roll With Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-273)	83.39	25.88
10 28 13 13-0034	EA	Two Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-2740)	88.06	25.88
10 28 13 13-0035	EA	Two Roll With Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-274)	96.71	25.88
10 28 13 13-0036	EA	Two Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-27460)	128.67	25.88
10 28 13 13-0037		**Stainless Steel Toilet Tissue Dispensers** *(10 28 13 13-0025)*		
10 28 13 13-0038	EA	Single Roll, Surface Mounted, Vandal Resistant, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-264)	69.75	25.88
10 28 13 13-0039	EA	Double Roll, Surface Mounted, Toilet Tissue Dispenser With Utility Shelf (Bobrick B-540)	213.39	25.88
10 28 13 13-0040	EA	Single Roll, Surface Mounted, Stainless Steel, Toilet Tissue Dispenser (Bobrick B-543)	121.50	25.88
10 28 13 13-0041	EA	Single Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-663)	113.03	25.88
10 28 13 13-0042	EA	Single Roll, Surface Mounted, Stainless Steel, Bright Polished Finish, Toilet Tissue Dispenser (Bobrick B-685)	125.99	25.88
10 28 13 13-0043	EA	Double Roll, Surface Mounted, Stainless Steel, Bright Polished Finish, Toilet Tissue Dispenser (Bobrick B-686)	167.90	28.76
10 28 13 13-0044	EA	Single Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser (Bobrick B-6857)	125.99	25.88
10 28 13 13-0045	EA	Double Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser (Bobrick B-6867)	167.90	25.88
10 28 13 13-0046	EA	Single Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser With Hood (Bobrick B-66997)	181.36	25.88
10 28 13 13-0047	EA	Double Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser With Hoods (Bobrick B-6999)	287.02	25.88
10 28 13 13-0048	EA	Double Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser With Hoods (Bobrick B-69997)	287.02	25.88
10 28 13 13-0049	EA	Single Jumbo Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-2890)	113.24	25.88
10 28 13 13-0050	EA	Single Fold/Double Fold, Surface Mounted, Stainless Steel Toilet Tissue Cabinet (Bobrick B-272)	133.66	25.88
10 28 13 13-0051	EA	Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-265)	82.06	25.88
10 28 13 13-0052	EA	Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-2888)	143.98	25.88
10 28 13 13-0053	EA	Two Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-3888)	203.76	25.88
10 28 13 13-0054	EA	Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Contura B-4288)	214.89	25.88
10 28 13 13-0055	EA	Two Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Contura B-4388)	272.34	25.88
10 28 13 13-0056	EA	Two Jumbo Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-2892)	252.42	25.88
10 28 13 13-0057	EA	Four Roll, Partition Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-386) Note: Mounts centered through toilet partitions.	391.18	25.88
10 28 13 13-0058	EA	Multi-Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser With Shelf (Bobrick B-2840)	166.62	25.88
10 28 13 13-0059	EA	Vertical Double Roll, Surface Mounted, Stainless Steel Coreless Toilet Tissue Dispenser (Georgia-Pacific Compact® 56782)	153.60	25.88
10 28 13 13-0060	EA	Side By Side Double Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Georgia-Pacific Compact® 56796)	122.72	25.88
10 28 13 13-0061		**Soap or Sanitizer Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0062	EA	20 Fluid Ounce, 4" Spout, Top-Filling Lavatory Mounted, Chrome Plated Soap Dispenser (Bobrick B-8221)	111.36	25.88
		For 34 Fluid Ounce (B-822), Add	*4.84*	
10 28 13 13-0063	EA	20 Fluid Ounce, 6" Spout, Top-Filling Lavatory Mounted, Chrome Plated Soap Dispenser (Bobrick B-82216)	121.35	25.88
		For 34 Fluid Ounce (B-822), Add	*4.84*	
10 28 13 13-0064	EA	24 Fluid Ounce, Surface Mounted, Translucent Polyethylene Soap Dispenser (Bobrick B-156)	73.41	25.88
10 28 13 13-0065	EA	24 Fluid Ounce, Surface Mounted, Chrome-Plated, Translucent Polyethylene Soap Dispenser (Bobrick B-155)	80.40	25.88
10 28 13 13-0066	EA	40 Fluid Ounce, Concealed Surface Mounted, Translucent Soap Dispenser (Bobrick B-40)	97.02	25.88
10 28 13 13-0067	EA	40 Fluid Ounce, Surface Mounted, Translucent Plastic Soap Dispenser (Bobrick Classic B-42)	99.90	25.88
10 28 13 13-0068	EA	40 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser (Bobrick Classic B-2111/2112)	113.36	25.88
10 28 13 13-0069	EA	40 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser (Bobrick Contura B-4112)	144.98	25.88
10 28 13 13-0070	EA	45 Fluid Ounce, Recessed Mounted, Stainless Steel Soap Dispenser (Bobrick B-306)	250.03	25.88
10 28 13 13-0071	EA	50 Fluid Ounce, Recessed Mounted, Stainless Steel Soap Dispenser (Bobrick Contura B-4063)	403.49	25.88
10 28 13 13-0072	EA	800 ml, Lavatory Mounted, Chrome Plated Automatic Soap Dispenser (Bobrick B-826.18) Note: Includes start-up kit.	247.14	25.88
10 28 13 13-0073		**Sanitizer Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0074		**Manual Sanitizer Dispensers** *(10 28 13 13-0073)*		
10 28 13 13-0075	EA	1,200 ml, Wall Mounted, Plastic, Manual Operation Liquid Hand Sanitizer Dispenser (Purelll 5020-01)	84.35	25.88
10 28 13 13-0076	EA	1,200 ml, Wall Mounted, Plastic, Manual Operation Foam Hand Sanitizer Dispenser (Purelll 4510-00)	85.77	25.88
10 28 13 13-0077	EA	1,250 ml, Wall Mounted, Plastic, Manual Operation Gel Hand Sanitizer Dispenser (Purelll 8824-06-UV)	85.32	25.88
10 28 13 13-0078		**Automatic Sanitizer Dispensers** *(10 28 13 13-0073)*		
10 28 13 13-0079	EA	1,000 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Clorox 30242-EA)	78.28	25.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0080	EA	1,200 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purelll 6420-01 ES6)	104.89	25.88
10 28 13 13-0081	EA	1,200 ml, Wall Mounted, Plastic, Automatic Operation Gel Hand Sanitizer Dispenser (Purelll 6520-01 CS6)	98.25	25.88
10 28 13 13-0082	EA	1,200 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purelll 7720-01 ES8)	106.39	25.88
10 28 13 13-0083	EA	1,000/1,200 ml, Wall Mounted, Plastic, Automatic Operation Foam/Gel Hand Sanitizer Dispenser (Georgia-Pacific enMotion® Gen2 Hygiene Series 52058)	124.01	25.88
10 28 13 13-0084	EA	1,200 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purelll LTX-12 1920-04)	113.51	25.88
10 28 13 13-0085	EA	1,200 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purelll TFX 2785-12)	177.99	25.88
10 28 13 13-0086	EA	1,200 ml, Wall Mounted, Plastic, Automatic Operation Foam Hand Sanitizer Dispenser (Purelll TFX 2780-12)	198.24	25.88
10 28 13 13-0087	EA	2,000 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purelll 5240-06)	124.86	25.88

10 28 13 13-0088 Automatic Floor Stand Sanitizer Dispensers *(10 28 13 13-0073)*

10 28 13 13-0089	EA	Floor Stand For Hand Sanitizer Dispenser (Purelll 2423-DS Stand) Note: For use with TFX and LTX 1,200mL dispensers. Excludes hand sanitizer dispensers.	293.17	8.62
10 28 13 13-0090	EA	1,200 ml, Automatic Touch-Free Hand Sanitizer Dispenser With Floor Stand (Purelll LTX™ With 2423-DS Stand)	343.41	8.62
		For Liquid TFX Dispenser, Add	*64.48*	
		For Foam TFX Dispenser, Add	*84.72*	
10 28 13 13-0091	EA	1,000 ml, Floor Stand, Metal, Automatic Operation Liquid Hand Sanitizer Dispenser (Purell Elite LTX™ 2456-DS)	672.55	8.62
10 28 13 13-0092	EA	1,200 ml, Floor Stand, ABS Plastic, Automatic Operation Foam/Gel Hand Sanitizer Dispenser (Purell 7308-DS-SLV)	723.53	8.62
10 28 13 13-0093	EA	1,200 ml, Floor Stand, Aluminum and Polypropylene, Automatic Operation Liquid Hand Sanitizer Dispenser (Purell 2454-DS02)	752.02	8.62

10 28 13 13-0094 Facial Tissue Dispensers *(10 28 13 13-0002)*

10 28 13 13-0095	EA	Surface Mounted, Stainless Steel Facial Tissue Dispenser (Bobrick B-8397)	129.34	25.88
10 28 13 13-0096	EA	Recessed Mounted, Stainless Steel Facial Tissue Dispenser (Gamco 355)	87.83	25.88

10 28 13 13-0097 Sanitary Toilet Seat Cover Dispensers *(10 28 13 13-0002)*

10 28 13 13-0098	EA	Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Sanitary Seat-Cover Dispenser (Bobrick Matrix B-5221)	72.07	25.88
10 28 13 13-0099	EA	Surface Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Classic B-221)	98.38	25.88
10 28 13 13-0100	EA	Surface Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Contura B-4221)	181.27	25.88
10 28 13 13-0101	EA	Recessed Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Classic B-301)	189.12	25.88
10 28 13 13-0102	EA	Recessed Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick TrimLine B-3013)	381.85	25.88

10 28 13 13-0103 Sanitary Toilet Seat Cover/Toilet Tissue Dispensers *(10 28 13 13-0002)*

10 28 13 13-0104	EA	Surface Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick Classic B-3479)	616.18	25.88
10 28 13 13-0105	EA	Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-34745)	370.45	25.88

10 28 13 13-0106 Sanitary Napkin/Tampon Dispensers *(10 28 13 13-0002)*

10 28 13 13-0107	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bobrick B-370639C)	762.50	25.88
10 28 13 13-0108	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Gamco B-282 25)	578.07	25.88
10 28 13 13-0109	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vending (Bobrick B-2706)	772.65	25.88
10 28 13 13-0110	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bobrick Classic B-352 25)	581.26	25.88
10 28 13 13-0111	EA	Recessed Mounted, Single Coin Operation, Stainless Steel, Sanitary Napkin/Tampon Vendor (Gamco NV-2-4)	509.93	25.88
10 28 13 13-0112	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bradley 401-45)	593.85	25.88

10 28 13 13-0113 Toilet Compartment Combination Dispenser/Disposals *(10 28 13 13-0002)*

10 28 13 13-0114	EA	Side Wall Recessed Mounted, Stainless Steel Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3094)	526.62	57.52
10 28 13 13-0115	EA	Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-3474)	590.07	57.52
10 28 13 13-0116	EA	Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-35745)	486.28	57.52
10 28 13 13-0117	EA	Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3574)	691.95	57.52
10 28 13 13-0118	EA	Partition Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-347)	711.58	57.52
10 28 13 13-0119	EA	Partition Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-357)	821.10	57.52
10 28 13 13-0120	EA	Surface Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3579)	768.72	57.52

10 28 13 13-0121 Receptacles *(10 28 13 13-0001)*

10 28 13 13-0122 Wall Mounted Waste Receptacles *(10 28 13 13-0121)*

10 28 13 13-0123	EA	1-1/2 Gallon, Surface Mounted, Stainless Steel Facial Tissue Waste Receptacle (Gamco WR-3)	113.31	25.88
10 28 13 13-0124	EA	6.4 Gallon, Surface Mounted, Stainless Steel Waste Receptacle (Bobrick B-279)	193.25	25.88
10 28 13 13-0125	EA	12 Gallon, 4" Wall Recess, Stainless Steel Waste Receptacle (Bobrick Classic B-3644)	447.27	57.52
10 28 13 13-0126	EA	12 Gallon, 4" Wall Recess, Stainless Steel Waste Receptacle (Bobrick Contura B-43644)	672.31	57.52
10 28 13 13-0127	EA	20 Gallon, Surface Mounted, Stainless Steel Waste Receptacle (Bobrick B-275)	528.83	57.52

10 28 13 13-0128 Floor-Standing/Counter Waste Receptacles *(10 28 13 13-0121)*

10 28 13 13-0129	EA	5-7/8" Inside Diameter, 3-7/8" Deep, Countertop-Mounted, Stainless Steel Waste Chute (Bobrick B-532)	135.16	25.88
10 28 13 13-0130	EA	5-7/16" Inside Diameter, 5" Deep, Countertop-Mounted, Stainless Steel Waste Chute (Bobrick B-529)	196.91	25.88
10 28 13 13-0131	EA	13 Gallon, Open Top, Stainless Steel Floor Standing Waste Receptacle (Bobrick B-2260)	386.06	11.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0132	EA	13 Gallon, Swing-Top, Stainless Steel Floor-Standing Waste Receptacle (Bobrick B-2250)	586.48	11.50
10 28 13 13-0133	EA	18 Gallon, Open Top, Stainless Steel Floor-Standing Waste Receptacle (Bobrick B-2300)	549.13	11.50
10 28 13 13-0134	EA	21 Gallon, Open Top, Stainless Steel Floor Standing Waste Receptacle (Bobrick B-2280)	527.89	11.50
10 28 13 13-0135		**Combination Paper Towel Dispenser/ Waste Receptacle** *(10 28 13 13-0121)*		
10 28 13 13-0136	EA	2 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-369)	367.38	57.52
10 28 13 13-0137	EA	2.6 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Contura B-4369)	601.39	57.52
10 28 13 13-0138	EA	2 Gallon, Recess Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3944)	592.08	57.52
10 28 13 13-0139	EA	12 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3900)	868.55	57.52
10 28 13 13-0140	EA	12 Gallon, Semi-Recess Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3909)	1,202.34	57.52
10 28 13 13-0141	EA	12 Gallon, Recessed Mounted, Stainless Steel Combination Roll Towel Dispenser/Waste Receptacle (Bobrick Classic B-3961)	1,013.52	57.52
10 28 13 13-0142	EA	12 Gallon, Surface Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3949)	777.20	57.52
10 28 13 13-0143	EA	12 Gallon, Surface Mounted, Stainless Steel Combination Roll Towel Dispenser/Waste Receptacle (Bobrick Classic B-39619)	1,269.85	57.52
10 28 13 13-0144	EA	16 Gallon, Semi-Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Contura B-43944)	1,171.18	63.28
10 28 13 13-0145	EA	18 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3947)	781.02	63.28
10 28 13 13-0146		**Sanitary Napkin/Tampon Receptacles** *(10 28 13 13-0121)*		
10 28 13 13-0147	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Contura B-270)	103.12	28.76
10 28 13 13-0148	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-254)	212.93	28.76
10 28 13 13-0149	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-353)	232.29	28.76
10 28 13 13-0150	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-35303)	552.53	28.76
10 28 13 13-0151	EA	Partition Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-354)	289.54	28.76
10 28 13 13-0152	EA	Partition Mounted, Stainless Steel Sanitary Napkin Disposal (Bobrick Contura B-4354)	512.92	28.76
10 28 13 13-0153		**Grab Bars** *(10 28 13 13-0001)*		
10 28 13 13-0154		**1-1/4" Diameter, Stainless Steel Grab Bars** *(10 28 13 13-0153)*		
		Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0155	EA	12" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Gamco 125sx12)	104.96	23.00
		For Peened Grip, Add	*5.82*	
10 28 13 13-0156	EA	18" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x18)	121.50	23.00
		For Peened Grip, Add	*7.31*	
10 28 13 13-0157	EA	24" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x24)	123.17	23.00
		For Peened Grip, Add	*7.46*	
10 28 13 13-0158	EA	30" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x30)	123.95	23.00
		For Peened Grip, Add	*7.53*	
10 28 13 13-0159	EA	36" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x36)	124.16	23.00
		For Peened Grip, Add	*7.55*	
10 28 13 13-0160	EA	42" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x42)	128.16	23.00
		For Peened Grip, Add	*7.91*	
10 28 13 13-0161	EA	48" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x48)	134.47	23.00
		For Peened Grip, Add	*8.48*	
10 28 13 13-0162		**1-1/4" Diameter, Two Wall, Stainless Steel Grab Bars** *(10 28 13 13-0153)*		
		Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0163	EA	24" x 36", Two Wall, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-58616)	206.83	23.00
		For Peened Grip, Add	*14.47*	
10 28 13 13-0164	EA	36" x 54", Two Wall, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5837)	211.15	23.00
		For Peened Grip, Add	*14.86*	
10 28 13 13-0165		**1-1/2" Diameter, Stainless Steel Grab Bars** *(10 28 13 13-0153)*		
		Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0166	EA	12" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x12)	120.12	23.00
		For Peened Grip, Add	*7.19*	
10 28 13 13-0167	EA	18" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x18)	121.50	23.00
		For Peened Grip, Add	*7.31*	
10 28 13 13-0168	EA	24" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x24)	124.16	23.00
		For Peened Grip, Add	*7.55*	
10 28 13 13-0169	EA	30" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x30)	126.83	23.00
		For Peened Grip, Add	*7.79*	
10 28 13 13-0170	EA	36" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x36)	130.16	23.00
		For Peened Grip, Add	*8.09*	
10 28 13 13-0171	EA	42" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x42)	133.16	23.00
		For Peened Grip, Add	*8.36*	
10 28 13 13-0172	EA	48" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x48)	140.47	23.00
		For Peened Grip, Add	*9.02*	

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10 28 13 13-0173		**1-1/2" Diameter, Two Wall, Stainless Steel Grab Bars** *(10 28 13 13-0153)*		
		Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0174	EA	16" x 31", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6861)	188.83	23.00
		For Peened Grip, Add	*12.85*	
10 28 13 13-0175	EA	24" x 36", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-68616)	203.17	23.00
		For Peened Grip, Add	*14.14*	
10 28 13 13-0176	EA	36" x 54", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-68137)	176.19	23.00
		For Peened Grip, Add	*11.72*	
10 28 13 13-0177		**1-1/4" Diameter, Stainless Steel Swing Up Grab Bars** *(10 28 13 13-0153)*		
		Note: Includes satin finish and mounting for swing up.		
10 28 13 13-0178	EA	29" Length, 1-1/4" Diameter, Stainless Steel Swing Up Grab Bar (Bobrick B-4998)	560.92	23.00
		For Peened Grip, Add	*46.86*	
10 28 13 13-0179		**Shelves** *(10 28 13 13-0001)*		
10 28 13 13-0180	EA	5" Width x 16" Length, Stainless Steel Shelf (Bobrick B-295)	137.32	25.88
10 28 13 13-0181	EA	5" Width x 18" Length, Stainless Steel Shelf (Bobrick B-295)	141.32	25.88
10 28 13 13-0182	EA	5" Width x 24" Length, Stainless Steel Shelf (Bobrick B-295)	159.63	25.88
10 28 13 13-0183	EA	5" Width x 36" Length, Stainless Steel Shelf (Gamco S-5x36)	164.23	25.88
10 28 13 13-0184	EA	6" Width x 18" Length, Stainless Steel Shelf (Bobrick B-296)	156.98	25.88
10 28 13 13-0185	EA	6" Width x 24" Length, Stainless Steel Shelf (Gamco S-6x24)	159.15	25.88
10 28 13 13-0186	EA	8" Width x 18" Length, Stainless Steel Shelf (Bobrick B-298)	169.95	25.88
10 28 13 13-0187	EA	8" Width x 24" Length, Stainless Steel Shelf (Bobrick B-298)	185.59	25.88
10 28 13 13-0188	EA	8" Width x 36" Length, Stainless Steel Shelf (Gamco S-8x36)	218.65	25.88
10 28 13 13-0189	EA	5-3/4" Width x 14-1/2" Length, Folding Stainless Steel Utility Shelf (Bobrick B-287)	170.28	25.88
10 28 13 13-0190	EA	4-3/4" Width x 24" Length, Stainless Steel Toiletry Shelf (Bobrick B-683)	173.61	25.88
10 28 13 13-0191	EA	12" Width x 24" Length, Stainless Steel Shelf (Bradley 7512-24)	180.13	25.88
10 28 13 13-0192	EA	12" Width x 30" Length, Stainless Steel Shelf (Bradley 7512-30)	191.35	25.88
10 28 13 13-0193	EA	12" Width x 36" Length, Stainless Steel Shelf (Bradley 7512-36)	208.66	25.88
10 28 13 13-0194	EA	12" Width x 48" Length, Stainless Steel Shelf (Bradley 7512-48)	255.75	25.88
10 28 13 13-0195	EA	12" Width x 60" Length, Stainless Steel Shelf (Bradley 7512-60)	341.55	25.88
10 28 13 13-0196	EA	4-1/4" Width x 16-1/2" Length x 6-1/2" Height, Recessed Stainless Steel Shelf (American Specialties 0412)	160.14	25.88
10 28 13 13-0197		**Changing Stations** *(10 28 13 13-0001)*		
10 28 13 13-0198	EA	Horizontal, Wall-Mounted, Polyethylene Baby Changing Station (Gamco BCS-1)	520.86	34.52
10 28 13 13-0199	EA	Vertical, Wall-Mounted, Polyethylene Baby Changing Station (Bobrick Koala Care KB101-00)	553.00	34.52
10 28 13 13-0200	EA	Horizontal, Wall-Mounted, Polypropylene Baby Changing Station (Bobrick Koala Care KB200-00)	453.47	34.52
10 28 13 13-0201	EA	Horizontal, Recessed Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB110-SSRE)	2,256.18	34.52
10 28 13 13-0202	EA	Horizontal, Wall-Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB110-SSWM)	2,649.78	34.52
10 28 13 13-0203	EA	Vertical, Recessed Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB111-SSRE)	2,256.18	34.52
10 28 13 13-0204	EA	Vertical, Wall-Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB111-SSWM)	2,649.78	34.52
10 28 13 13-0205		**Folding Shower Seats** *(10 28 13 13-0001)*		
10 28 13 13-0206	EA	33" Width, Wall-Mounted, Reversible, Folding, Stainless Steel Hardware, Solid Phenolic Shower Seat (Bobrick B-5181)	649.61	46.02
10 28 13 13-0207	EA	33" Width, Wall-Mounted, Foam Padded, Naugahyde® Folding Shower Seat (Bobrick B-517/518)	859.34	46.02
10 28 13 13-0208	EA	30" Width, Wall-Mounted, Teakwood Folding Shower Seat	1,930.31	46.02
10 28 13 13-0209	EA	33-1/2" Width, Wall-Mounted, Stainless Steel, Americans With Disabilities Act Compliant Folding Shower Seat, (Acorn Shower-Ware 1103-31/1103-32)	3,946.26	
10 28 13 13-0210		**Soap/Dish Holders** *(10 28 13 13-0001)*		
10 28 13 13-0211	EA	Surface Mounted, Stainless Steel Toothbrush and Tumbler Holder (Gamco 7679)	66.18	25.88
10 28 13 13-0212	EA	Surface Mounted, Stainless Steel Soap Dish (Gamco 7680)	68.50	25.88
10 28 13 13-0213	EA	Recessed Mounted, Stainless Steel Soap Dish (Bobrick B-4380)	124.87	25.88
10 28 13 13-0214	EA	Recessed Mounted, Stainless Steel Soap Dish And Bar (Bobrick B-4390)	136.52	25.88
10 28 13 13-0215		**Shower Curtains/Curtain Rods** *(10 28 13 13-0001)*		
10 28 13 13-0216	EA	Stainless Steel Shower Curtain Hook (Bobrick B-204-1)	3.33	1.15
10 28 13 13-0217	EA	42" Width x 72" Height, Vinyl Shower Curtain (Bobrick B-204-2)	56.63	11.50
		Note: Requires 7 curtain hooks.		
10 28 13 13-0218	EA	70" Width x 72" Height, Vinyl Shower Curtain (Bobrick B-204-3)	59.47	11.50
		Note: Requires 12 curtain hooks.		
10 28 13 13-0219	EA	36" Length, 20 Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	98.71	25.88
10 28 13 13-0220	EA	48" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	106.04	25.88
10 28 13 13-0221	EA	60" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	115.02	25.88
10 28 13 13-0222	EA	72" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	126.01	25.88
10 28 13 13-0223	EA	36" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x36)	86.06	25.88
10 28 13 13-0224	EA	48" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x48)	94.72	25.88
10 28 13 13-0225	EA	60" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x60)	99.71	25.88
10 28 13 13-0226	EA	72" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x72)	106.04	25.88
10 28 13 13-0227	EA	36" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	89.72	25.88
10 28 13 13-0228	EA	48" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	97.04	25.88
10 28 13 13-0229	EA	60" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	105.69	25.88
10 28 13 13-0230	EA	72" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	111.69	25.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0231		**Hand Dryers** *(10 28 13 13-0001)*		
10 28 13 13-0232	EA	Surface Mounted, Automatic Sensor, One Piece Plastic Cover Hand Dryer (Bobrick CompacDryer B-710)	615.68	32.79
10 28 13 13-0233	EA	Surface Mounted, Automatic Sensor, Cast Aluminum Cover Hand Dryer (Bobrick B-7120-115V)	664.59	32.79
10 28 13 13-0234	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Bobrick B-7128 230V)	738.51	32.79
10 28 13 13-0235	EA	Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Bobrick B-750-115/230)	1,054.02	32.79
10 28 13 13-0236	EA	Surface Mounted, Touch-Button, Cast-Iron Cover Hand Dryer (World Dryer A)	568.79	32.79
10 28 13 13-0237	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (World Dryer A)	626.98	32.79
10 28 13 13-0238	EA	Surface Mounted, Touch-Button, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60)	2,156.84	32.79
10 28 13 13-0239	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60T)	2,245.02	32.79
10 28 13 13-0240	EA	Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60TR)	2,339.08	32.79
10 28 13 13-0241	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Excel Xlerator XL-GR)	704.19	32.79
10 28 13 13-0242	EA	Surface Mounted, Automatic Sensor, Acrylonitrile Butadiene Styrene (ABS) Polycarbonate Cover Hand Dryer (Dyson Airblade AB12)	1,849.98	32.79
10 28 13 13-0243	EA	Surface Mounted, Automatic Sensor, Acrylonitrile Butadiene Styrene (ABS) Polycarbonate Cover Hand Dryer (Dyson Airblade AB14)	3,115.97	32.79
10 28 13 13-0244	EA	Surface Mounted, Automatic Sensor, White ABS Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9) Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	1,367.51	32.79
10 28 13 13-0245	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-M) Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	1,444.11	32.79
10 28 13 13-0246	EA	Surface Mounted, Automatic Sensor, Black Graphite Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-BG) Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	1,487.87	32.79
10 28 13 13-0247	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-C) Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	1,531.64	32.79
10 28 13 13-0248	EA	Surface Mounted, Automatic Sensor, Stainless Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-SS) Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	1,619.17	32.79
10 28 13 13-0249	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9) Note: Electronically adjustable sound and speed.	1,104.92	32.79
10 28 13 13-0250	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-M) Note: Electronically adjustable sound and speed.	1,181.51	32.79
10 28 13 13-0251	EA	Surface Mounted, Automatic Sensor, Black Graphite Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-BG) Note: Electronically adjustable sound and speed.	1,225.28	32.79
10 28 13 13-0252	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-C) Note: Electronically adjustable sound and speed.	1,269.04	32.79
10 28 13 13-0253	EA	Surface Mounted, Automatic Sensor, Stainless Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-SS) Note: Electronically adjustable sound and speed.	1,356.57	32.79
10 28 13 13-0254	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7) Note: Electronically adjustable sound and speed.	1,104.92	32.79
10 28 13 13-0255	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-M) Note: Electronically adjustable sound and speed.	1,181.51	32.79
10 28 13 13-0256	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-BG) Note: Electronically adjustable sound and speed.	1,225.28	32.79
10 28 13 13-0257	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-C) Note: Electronically adjustable sound and speed.	1,269.04	32.79
10 28 13 13-0258	EA	Surface Mounted, Stainless Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-SS) Note: Electronically adjustable sound and speed.	1,356.57	32.79
10 28 13 13-0259	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90)	798.56	32.79
10 28 13 13-0260	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-M)	875.15	32.79
10 28 13 13-0261	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-BG)	918.91	32.79
10 28 13 13-0262	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-C)	962.68	32.79
10 28 13 13-0263	EA	Surface Mounted, Stainless Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-SS)	1,050.21	32.79
10 28 13 13-0264	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90H)	798.56	32.79
10 28 13 13-0265	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-MH)	875.15	32.79
10 28 13 13-0266	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-BGH)	918.91	32.79
10 28 13 13-0267	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-CH)	962.68	32.79
10 28 13 13-0268	EA	Surface Mounted, Automatic Sensor, Stainless Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-SSH)	1,050.21	32.79
10 28 13 13-0269	EA	Surface Mounted, Automatic Sensor, ABS Cover, Hand Dryer (American Dryer GX1)	579.73	32.79
10 28 13 13-0270	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Hand Dryer (American Dryer GX1-M)	656.32	32.79
10 28 13 13-0271	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Hand Dryer (American Dryer GX1-C)	743.85	32.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0272		**Hand Dryers (Excel XLERATOR®)** *(10 28 13 13-0001)* Note: With or without noise reduction nozzle options.		
10 28 13 13-0273	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-W)	1,135.51	32.79
		For ADA-Compliant Recess Kit, Add	*175.19*	
10 28 13 13-0274	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-WH)	1,599.79	32.79
		For ADA-Compliant Recess Kit, Add	*175.19*	
10 28 13 13-0275	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-GR)	1,332.66	32.79
		For ADA-Compliant Recess Kit, Add	*175.19*	
10 28 13 13-0276	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel Xlerator XL-GRH)	1,666.57	32.79
		For ADA-Compliant Recess Kit, Add	*175.19*	
10 28 13 13-0277	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-C)	1,432.83	32.79
		For ADA-Compliant Recess Kit, Add	*175.19*	
10 28 13 13-0278	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-CH)	1,766.75	32.79
		For ADA-Compliant Recess Kit, Add	*175.19*	
10 28 13 13-0279	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, Hand Dryer (Excel XLERATOR® XL-SB)	1,432.83	32.79
		For ADA-Compliant Recess Kit, Add	*175.19*	
10 28 13 13-0280	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-SBH)	1,766.75	32.79
		For ADA-Compliant Recess Kit, Add	*175.19*	
10 28 13 13-0281	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-SP)	1,332.66	32.79
		For ADA-Compliant Recess Kit, Add	*175.19*	
10 28 13 13-0282	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-SPH)	1,666.57	32.79
		For ADA-Compliant Recess Kit, Add	*175.19*	
10 28 13 13-0283	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), Hand Dryer (Excel XLERATOR® XL-BW)	1,199.09	32.79
		For ADA-Compliant Recess Kit, Add	*175.19*	
10 28 13 13-0284	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), Hand Dryer With High Efficiency Particulate Air (HEPA)Filtration System (Excel XLERATOR® XL-BWH)	1,533.00	32.79
		For ADA-Compliant Recess Kit, Add	*175.19*	
10 28 13 13-0285	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-W-ECO)	1,135.51	32.79
		For ADA-Compliant Recess Kit, Add	*175.19*	
10 28 13 13-0286	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-WH-ECO)	1,599.79	32.79
		For ADA-Compliant Recess Kit, Add	*175.19*	
10 28 13 13-0287	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-GR-ECO)	1,332.66	32.79
		For ADA-Compliant Recess Kit, Add	*175.19*	
10 28 13 13-0288	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-GRH-ECO)	1,666.57	32.79
		For ADA-Compliant Recess Kit, Add	*175.19*	
10 28 13 13-0289	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-C-ECO)	1,432.83	32.79
		For ADA-Compliant Recess Kit, Add	*175.19*	
10 28 13 13-0290	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-CH-ECO)	1,766.75	32.79
		For ADA-Compliant Recess Kit, Add	*175.19*	
10 28 13 13-0291	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-SB-ECO)	1,432.83	32.79
		For ADA-Compliant Recess Kit, Add	*175.19*	
10 28 13 13-0292	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-SBH-ECO)	1,766.75	32.79
		For ADA-Compliant Recess Kit, Add	*175.19*	
10 28 13 13-0293	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-SP-ECO)	1,332.66	32.79
		For ADA-Compliant Recess Kit, Add	*175.19*	
10 28 13 13-0294	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-SPH-ECO)	1,666.57	32.79
		For ADA-Compliant Recess Kit, Add	*175.19*	
10 28 13 13-0295	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), No Heat Hand Dryer (Excel XLERATOReco® XL-BW-ECO)	1,199.09	32.79
		For ADA-Compliant Recess Kit, Add	*175.19*	
10 28 13 13-0296	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-BWH-ECO)	1,533.00	32.79
		For ADA-Compliant Recess Kit, Add	*175.19*	
10 28 13 13-0297		**Additional Accessories** *(10 28 13 13-0001)*		
10 28 13 13-0298		**Hooks** *(10 28 13 13-0297)*		
10 28 13 13-0299	EA	Stainless Steel Clothes Hook And Bumper (Bobrick B-212)	33.99	11.50
10 28 13 13-0300	EA	Single Stainless Steel Robe Hook (Bobrick B-233)	41.31	11.50
10 28 13 13-0301	EA	Single Stainless Steel Robe Hook (Bobrick B-7671)	34.65	11.50
10 28 13 13-0302	EA	Double Stainless Steel Robe Hook (Bobrick B-7672)	37.92	11.50

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10 28 13 13-0303	EA	Double Stainless Steel Robe Hook (Bobrick B-672 or B-6727)	65.27	11.50
10 28 13 13-0304	EA	Single Stainless Steel Robe Hook (Bobrick B-6717)	58.61	11.50
10 28 13 13-0305		**Clotheslines** *(10 28 13 13-0297)*		
10 28 13 13-0306	EA	Surface Mounted, Stainless Steel Retractable Clothesline (Gamco 7636)	59.41	23.00
10 28 13 13-0307		**Towel Bars** *(10 28 13 13-0297)*		
10 28 13 13-0308	EA	18" Length, 3/4" Square, Stainless Steel Towel Bar (Gamco 7673x18)	72.90	25.88
10 28 13 13-0309	EA	24" Length, 3/4" Square, Stainless Steel Towel Bar (Gamco 7673x24)	73.15	25.88
10 28 13 13-0310	EA	18" Length, 3/4" Diameter, Stainless Steel Towel Bar (Gamco 7674x18)	82.91	25.88
10 28 13 13-0311	EA	24" Length, 3/4" Diameter, Stainless Steel Towel Bar (Gamco 7674x24)	83.84	25.88
10 28 13 13-0312	EA	18" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-673)	126.67	25.88
10 28 13 13-0313	EA	24" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-673)	132.32	25.88
10 28 13 13-0314	EA	18" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-674)	131.00	25.88
10 28 13 13-0315	EA	24" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-674 or B-6747)	135.65	25.88
10 28 13 13-0316	EA	18" Length, 1" Diameter, Heavy-Duty, Stainless Steel Towel Bar (Bobrick B-205)	143.99	25.88
10 28 13 13-0317	EA	24" Length, 1" Diameter, Heavy-Duty, Stainless Steel Towel Bar (Bobrick B-205)	148.94	25.88
10 28 13 13-0318	EA	18" Length, 1" Diameter, Extra-Heavy-Duty, Stainless Steel Towel Bar/Grab Bar (Bobrick B-530)	107.70	25.88
10 28 13 13-0319	EA	24" Length, 1" Diameter, Extra-Heavy-Duty, Stainless Steel Towel Bar/Grab Bar (Bobrick B-530)	112.02	25.88
10 28 13 13-0320		**Towel Bar With Shelf** *(10 28 13 13-0297)*		
10 28 13 13-0321	EA	24" Length, Stainless Steel Towel Shelf With Towel Bar (Bobrick B-676)	253.17	25.88
10 28 13 13-0322		**Towel Pins** *(10 28 13 13-0297)*		
10 28 13 13-0323	EA	Stainless Steel Towel Pin (Bobrick B-677)	62.95	11.50
10 28 13 13-0324		**Mirrors** *(10 28 13 13)*		
10 28 13 13-0325		**Stainless Steel Channel Frame Glass Mirrors** *(10 28 13 13-0324)*		
10 28 13 13-0326	EA	16" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-16x24)	124.92	28.76
10 28 13 13-0327	EA	18" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1824)	142.76	28.76
10 28 13 13-0328	EA	18" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1830)	148.94	28.76
		For Tempered Glass (B-1658), Add	*51.91*	
10 28 13 13-0329	EA	18" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1836)	161.62	28.76
		For Tempered Glass (B-1658), Add	*60.79*	
10 28 13 13-0330	EA	24" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2430)	177.88	28.76
10 28 13 13-0331	EA	24" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2436)	184.72	28.76
		For Tempered Glass (B-1658), Add	*76.96*	
10 28 13 13-0332	EA	24" x 48", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2448)	229.60	28.76
10 28 13 13-0333	EA	24" x 60", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2460)	266.36	28.76
10 28 13 13-0334	EA	36" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-36x36)	322.53	28.76
10 28 13 13-0335	EA	48" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 4836)	407.84	28.76
10 28 13 13-0336	EA	60" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-60x36)	459.67	28.76
10 28 13 13-0337		**Stainless Steel Channel Frame Glass Mirror/Shelf Combination** *(10 28 13 13-0324)*		
10 28 13 13-0338	EA	18" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1824)	238.05	28.76
10 28 13 13-0339	EA	18" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1830)	257.24	28.76
10 28 13 13-0340	EA	18" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1836)	269.93	28.76
10 28 13 13-0341	EA	24" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 2436)	305.71	28.76
10 28 13 13-0342		**Stainless Steel Angle Frame Glass Mirrors** *(10 28 13 13-0324)*		
10 28 13 13-0343	EA	18" x 24", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1824)	211.02	28.76
10 28 13 13-0344	EA	18" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1830)	232.20	28.76
		For Tempered Glass (B-2908), Add	*103.90*	
10 28 13 13-0345	EA	18" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1836)	239.35	28.76
		For Tempered Glass (B-2908), Add	*108.62*	
10 28 13 13-0346	EA	24" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2430)	281.64	28.76
10 28 13 13-0347	EA	24" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2436)	283.26	28.76
		For Tempered Glass (B-2908), Add	*137.60*	
10 28 13 13-0348	EA	24" x 48", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2448)	381.16	28.76
10 28 13 13-0349	EA	24" x 60", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2460)	449.46	28.76
10 28 13 13-0350	EA	24" x 72", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2472)	513.22	28.76
10 28 13 13-0351	EA	36" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-36x36)	339.60	28.76
10 28 13 13-0352	EA	48" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-48x36)	415.60	28.76
10 28 13 13-0353	EA	72" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-72x36)	640.42	28.76
10 28 13 13-0354		**Stainless Steel Angle Frame Glass Mirror/Shelf Combination** *(10 28 13 13-0324)*		
10 28 13 13-0355	EA	18" x 24", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Gamco AS-18x24)	218.43	28.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0356	EA	18" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-1830)	438.08	28.76
10 28 13 13-0357	EA	18" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-1836)	459.56	28.76
10 28 13 13-0358	EA	24" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-2436)	513.22	28.76
10 28 13 13-0359		Frameless Stainless Steel Mirrors *(10 28 13 13-0324)*		
10 28 13 13-0360	EA	17-1/2" x 29-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 1830)	237.40	28.76
10 28 13 13-0361	EA	23-1/2" x 35-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 2436)	309.27	28.76
10 28 13 13-0362		Fixed-Position Tilt, Stainless Steel Frame Glass Mirrors *(10 28 13 13-0324)*		
10 28 13 13-0363	EA	16" x 30", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1630)	325.54	28.76
10 28 13 13-0364	EA	18" x 30", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1830)	339.54	28.76
10 28 13 13-0365	EA	18" x 36", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1836)	412.72	28.76
10 28 13 13-0366	EA	24" x 36", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 2436)	509.31	28.76
10 28 13 13-0367		Medicine Cabinets *(10 28 13 13)*		
10 28 13 13-0368		Metal Medicine Cabinets *(10 28 13 13-0367)*		
10 28 13 13-0369	EA	20" x 26", Surface Mounted, Aluminum Medicine Cabinet (Kohler K-CB)	252.55	57.52
10 28 13 13-0370	EA	15-1/2" x 25-7/8", Recessed Mounted, All-Steel Medicine Cabinet (Bobrick B-397) Note: Includes three adjustable plastic shelves.	283.33	57.52
10 28 13 13-0371	EA	14-1/8" x 20-1/4", Surface Mounted, All-Steel Medicine Cabinet (Bobrick B-297) Note: Includes two fixed shelves with baked white enamel finish.	292.81	57.52
10 28 13 13-0372	EA	15-1/4" x 25-1/2", Recessed Mounted, Stainless Steel Medicine Cabinet (Bobrick B-398) Note: Includes four adjustable stainless steel shelves.	654.00	57.52
10 28 13 13-0373	EA	17" x 26-7/8", Surface Mounted, Stainless Steel Medicine Cabinet (Bobrick B-299) Note: Includes four adjustable shelves.	902.00	57.52
10 28 13 13-0374		Janitorial Material *(10 28 13 13)*		
10 28 13 13-0375	EA	Stainless Steel Pail And Ladder Utility Hook (Bobrick B-670)	58.61	11.50
10 28 13 13-0376	EA	24" Length, Stainless Steel Utility Hook Strip (Bobrick B-232x24)	153.63	25.88
10 28 13 13-0377	EA	24" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x24)	147.65	25.88
10 28 13 13-0378	EA	30" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Gamco MS-1)	168.73	25.88
10 28 13 13-0379	EA	36" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x36)	189.59	25.88
10 28 13 13-0380	EA	36" Length, Utility Hook Strip (Gamco HCS-2)	124.24	25.88
10 28 13 13-0381	EA	36" Length, Stainless Steel Custodian Utility Shelf With Mop And Broom Holders And Rag Hooks (Bobrick B-224x36)	358.03	25.88
10 28 13 13-0382	EA	34" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder With Shelf And Rag Hooks (Bobrick B-239x34)	518.83	25.88
10 28 13 13-0383		Removal And Reinstallation Of Bathroom Accessories *(10 28 13 13)*		
10 28 13 13-0384	EA	Removal And Reinstallation Of Bathroom Accessory	35.96	
10 28 13 63		**Detention Toilet Accessories** *(10 28 13)*		
10 28 13 63-0001		Ligature Resistant, Stainless Steel Grab Bar *(10 28 13 63)*		
10 28 13 63-0002	EA	18" Length, 1-1/2" Diameter, 18 Gauge, Ligature Resistant, Stainless Steel Security Grab Bar (Bradley SA70-001180)	209.14	23.00
10 28 13 63-0003	EA	24" Length, 1-1/2" Diameter, 18 Gauge, Ligature Resistant, Stainless Steel Security Grab Bar (Bradley SA70-001240)	218.70	23.00
10 28 13 63-0004	EA	36" Length, 1-1/2" Diameter, 18 Gauge, Ligature Resistant, Stainless Steel Security Grab Bar (Bradley SA70-001360)	225.06	23.00
10 28 13 63-0005	EA	42" Length, 1-1/2" Diameter, 18 Gauge, Ligature Resistant, Stainless Steel Security Grab Bar (Bradley SA70-001420)	249.46	23.00
10 28 13 63-0006	EA	60" Length, 1-1/2" Diameter, 18 Gauge, Ligature Resistant, Stainless Steel Security Grab Bar (Bradley SA70-002600)	508.21	23.00
10 28 16		**Bath Accessories** *(10 28)*		
10 28 16 13		**Residential Bath Accessories** *(10 28 16)*		
10 28 16 13-0001		Residential Toilet Accessories *(10 28 16 13)*		
10 28 16 13-0002		Residential, Surface Mounted, Porcelain Toilet Accessories *(10 28 16 13-0001)*		
10 28 16 13-0003	EA	Surface Mounted Porcelain Wall Soap Holder	59.96	15.53
10 28 16 13-0004	EA	Surface Mounted Porcelain Bath/Shower Soap Dish	68.87	15.53
10 28 16 13-0005	EA	Surface Mounted Porcelain 1 Roll Toilet Paper Holder	68.14	15.53
10 28 16 13-0006	EA	Surface Mounted Porcelain Toothbrush/Tumbler Holder	59.96	15.53
10 28 16 13-0007	EA	Surface Mounted Porcelain Towel Bar Set With Plastic Bar	66.22	15.53
10 28 16 13-0008		Residential Medicine Cabinets With Mirrors *(10 28 16 13-0001)*		
10 28 16 13-0009	EA	16" x 20" Recessed Molded Medicine Cabinet With Mirror (Nutone 401ADJ)	165.02	40.26
10 28 16 13-0010	EA	16" x 22" Recessed Molded Medicine Cabinet With Mirror (Nutone 407ADJ)	163.83	40.26
10 28 16 13-0011	EA	16" x 26" Recessed Molded Medicine Cabinet With Mirror (Nutone 624)	215.20	40.26
10 28 16 13-0012	EA	16" x 26" Stainless Trim, Plastic Body Medicine Cabinet With Mirror (Nutone B772193)	203.29	40.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 16 13-0013	EA	16" x 22" Recessed Steel Medicine Cabinet With Mirror (Nutone 420BC)	206.84	40.26
10 28 16 13-0014	EA	16" x 22" Recessed Steel Medicine Cabinet With Mirror (Nutone 421BC)	220.50	40.26
10 28 16 13-0015	EA	18" x 24" Recessed Steel Medicine Cabinet With Mirror (Nutone 490)	338.61	40.26
10 28 16 13-0016	EA	16" x 26" Recessed Steel Medicine Cabinet With Mirror (Nutone 458)	241.55	40.26
10 28 16 13-0017	EA	20" x 30" Recessed Steel Medicine Cabinet With Mirror (Nutone 495)	389.56	40.26
10 28 16 13-0018	EA	16" x 26" Recessed Steel Medicine Cabinet With Mirror (Nutone 470FS)	276.22	40.26
10 28 16 13-0019	EA	16-1/8" x 22-1/8" Surface Steel Medicine Cabinet With Mirror (Nutone 472FS)	261.55	40.26
10 28 16 13-0020	EA	16" x 22" Recessed Steel Medicine Cabinet With Mirror (Nutone 473FS)	264.06	40.26
10 28 16 13-0021	EA	16" x 26" Recessed Steel Medicine Cabinet With Mirror (Nutone 478FS)	250.53	40.26
10 28 16 13-0022	EA	14" x 20" Surface Steel Medicine Cabinet With Mirror (Nutone 422SM)	204.61	40.26
10 28 16 13-0023	EA	16" x 22" Surface Steel Medicine Cabinet With Mirror (Nutone 452SM)	243.14	40.26
10 28 16 13-0024	EA	16-1/4" x 22-1/4" Molded Steel Medicine Cabinet With Mirror (Nutone 614)	200.77	40.26
10 28 16 13-0025	EA	20" x 26" Aluminum Medicine Cabinet With Mirror, Kohler K-CB-CLC2026FS	375.09	40.26
10 28 16 13-0026		**Residential Shower Curtain Rod** *(10 28 16 13-0001)*		
		Note: Includes end brackets. See CSI section 10 28 13 13-0215 for shower curtain rods.		
10 28 16 13-0027		**Residential, Recessed, Chrome Plated Toilet Accessories** *(10 28 16 13-0001)*		
10 28 16 13-0028	EA	Single Roll, Recessed Mounted, Chrome Plated Toilet Paper Holder	122.97	25.88
10 28 16 13-0029	EA	Recessed Mounted, Chrome Plated Soap Dish	180.80	25.88
10 28 16 13-0030	EA	Recessed Mounted, Chrome Plated Soap Dish And Bar	192.55	25.88
10 28 16 13-0031	EA	Recessed Mounted, Chrome Plated Tumbler Holder	127.95	25.88
10 28 16 13-0032		**Residential, Surface Mounted, Chrome Plated Toilet Accessories** *(10 28 16 13-0001)*		
10 28 16 13-0033	EA	Surface Mounted, Chrome Plated Soap Dish	81.49	17.26
10 28 16 13-0034	EA	Surface Mounted, Chrome Plated Single Clothes Hook	94.60	17.26
10 28 16 13-0035	EA	Surface Mounted, Chrome Plated Double Clothes Hook	94.60	17.26
10 28 16 13-0036	LF	6" Deep, Surface Mounted, Glass Shelf With Chrome Plated Supports	196.80	17.26
10 28 16 13-0037	LF	6" Deep, Surface Mounted, Stainless Steel Shelf	163.82	17.26
10 28 16 13-0038	EA	18" Length, Surface Mounted, Chrome Plated Towel Bar	104.75	23.00
10 28 16 13-0039	EA	24" Length, Surface Mounted, Chrome Plated Towel Bar	106.22	23.00
10 28 16 13-0040	EA	Surface Mounted, Chrome Plated Towel Ring	78.26	17.26
10 28 16 13-0041	EA	Surface Mounted, Chrome Plated Tumbler And Toothbrush Holder	69.97	11.50
10 28 16 13-0042	EA	Single Roll, Surface Mounted, Chrome Plated Toilet Paper Holder	81.49	17.26
10 28 16 13-0043	EA	Two Roll, Surface Mounted, Chrome Plated Toilet Paper Holder	169.38	17.26
10 28 16 13-0044	EA	Surface Mounted, Chrome Plated Globe Soap Dispenser	99.13	17.26
10 28 16 13-0045	EA	Surface Mounted, Chrome Plated Towel Pin	105.06	11.50
10 28 16 13-0046	EA	Surface Mounted, Chrome Plated Towel Ladder And Shelf	327.88	17.26
10 28 16 13-0047	EA	Surface Mounted, Retractable Chrome Plated Bath/Shower Clothesline	157.39	17.26
10 28 16 13-0048	EA	24" Length, Cut To Size Towel Bar, Surface Mounted, Ceramic Base Towel Bar	90.48	17.26
10 28 16 13-0049		**Residential, Ceramic Toilet Accessories** *(10 28 16 13-0001)*		
10 28 16 13-0050	EA	4-1/8" x 4-1/8" x 2-7/8" Deep Ceramic Recessed Soap Dish	128.37	23.81
10 28 16 13-0051	EA	6" x 4-1/4" x 3-1/8" Deep Ceramic Recessed Soap Dish	152.78	23.81
10 28 16 13-0052	EA	8-1/8" x 15-3/8" x 2-7/8" Deep Ceramic Recessed Soap And Suds	267.89	29.91
10 28 16 13-0053	EA	6" x 6" x 3-1/4" Deep Ceramic Recessed Toilet Paper Holder	143.01	23.81
10 28 16 13-0054	EA	6" x 6" x 4-7/8" Deep Ceramic Recessed Soap And Cloth Holder With Lip Drain	182.07	23.81
10 28 16 13-0055	EA	6-3/8" x 4-3/4" x 1-3/8" Deep Ceramic Semi-Recessed Soap Dish	116.16	23.81
10 28 16 13-0056	EA	6-3/8" x 6-3/8" x 1-3/4" Deep Ceramic Semi-Recessed Soap Dish	124.95	23.81
10 28 16 13-0057	EA	6-5/8" x 5" x 2-3/8" Deep Ceramic Semi-Recessed Toilet Paper Holder	111.28	23.81
10 28 16 13-0058	EA	6-5/8" x 4-7/8" x 2-3/8" Deep Ceramic Semi-Recessed Soap And Cloth Holder	118.60	23.81
10 28 16 13-0059	EA	7-1/4" x 3" Ceramic Surface Mounted Corner Shelf	115.29	15.53
10 28 16 13-0060	EA	4-1/2" x 2-1/4" Ceramic Surface Mounted Corner Shelf	102.99	15.53
10 28 16 13-0061	EA	4" x 6" Ceramic Surface Mounted Toilet Paper Holder	78.68	15.53
10 28 16 13-0062	EA	4" x 6" Ceramic Surface Mounted Tub Soap Dish	79.31	15.53
10 28 16 13-0063	EA	4-1/4" x 4-1/4" Ceramic Surface Mounted Soap Dish	73.75	15.53
10 28 16 13-0064	EA	2-1/8" x 4-1/4" Ceramic Surface Mounted Low Profile Soap Dish	66.33	15.53
10 28 16 13-0065	EA	4" x 6" Ceramic Surface Mounted Tub Soap Dish And Cloth Holder	84.95	15.53
10 28 16 13-0066	EA	4-1/4" x 4-1/4" Ceramic Surface Mounted Toothbrush/Tumbler Holder	73.75	15.53
10 28 16 13-0067	EA	2-1/8" x 4-1/4" Ceramic Surface Mounted Toothbrush/Tumbler Holder	66.33	15.53
10 28 16 13-0068	EA	1-1/2" x 4-1/4" Ceramic Surface Mounted Towel Ring	77.73	15.53
10 28 16 13-0069		**Residential Medicine Cabinets, Solid Oak** *(10 28 16 13-0001)*		
		Note: Surface or recessed mounted, premium quality.		
10 28 16 13-0070	EA	24" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror	326.77	57.52
10 28 16 13-0071	EA	24" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror	417.32	57.52
10 28 16 13-0072	EA	30" x 30" Unlighted, Solid Oak Medicine Cabinet With Mirror	343.30	57.52
10 28 16 13-0073	EA	30" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror	439.87	57.52
10 28 16 13-0074	EA	36" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror	353.72	57.52
10 28 16 13-0075	EA	36" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror	459.67	57.52
10 28 16 13-0076	EA	48" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror	368.04	57.52
10 28 16 13-0077	EA	48" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror	483.88	57.52
10 28 16 13-0078		**Residential Toilet Accessories** *(10 28 16 13-0001)*		
10 28 16 13-0079	EA	Surface Mounted Plastic Paper Towel Dispenser	117.22	25.88
10 28 16 13-0080	EA	Surface Mounted Plastic Napkin Disposal	102.77	25.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 16 13-0081	EA	50 Fluid Ounce, Plastic Soap Dispenser For Soaps And Detergent	107.87	
10 28 16 13-0082	EA	50 Fluid Ounce, Plastic Soap Dispenser For Antibacterial Soaps	123.17	25.88
10 28 16 13-0083	EA	Multi Roll (2) Plastic Toilet Tissue Dispenser	117.27	25.88
10 28 16 13-0084	EA	Single Jumbo Roll Plastic Toilet Tissue Dispenser	143.69	31.64
10 28 16 13-0085	EA	Surface Mounted Plastic Toilet Seat Cover Dispenser	78.36	23.00
10 28 16 13-0086	EA	13 Gallon Plastic Waste Door For Countertops	281.79	43.14

10 28 19 Tub and Shower Enclosures *(10 28)*

10 28 19 16 Shower Doors *(10 28 19)*

10 28 19 16-0001 Swinging Shower Doors *(10 28 19 16)*

10 28 19 16-0002 Framed, Swinging Shower Doors *(10 28 19 16-0001)*

10 28 19 16-0003	EA	24-1/4" To 26" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00801)	718.85	62.33
10 28 19 16-0004	EA	27-1/4" To 29" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00802)	757.78	31.16
10 28 19 16-0005	EA	29-5/8" To 31-3/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00803)	919.26	31.16
10 28 19 16-0006	EA	33-1/8" To 34-7/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00804)	753.64	31.16
10 28 19 16-0007	EA	35-1/8" To 36-7/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00805)	808.78	31.16

10 28 19 16-0008 Frameless, Swinging Shower Doors *(10 28 19 16-0001)*

10 28 19 16-0009	EA	24-9/16" To 25-7/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0301D)	1,134.18	31.16
10 28 19 16-0010	EA	31-1/16" To 31-15/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0302D)	1,188.15	31.16
10 28 19 16-0011	EA	32-11/16" To 33-9/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0303D)	1,238.94	31.16
10 28 19 16-0012	EA	34-3/16" To 35-1/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0304D)	1,292.91	31.16
10 28 19 16-0013	EA	35-3/16" To 36-1/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0305D)	1,345.29	31.16

10 28 19 16-0014 Sliding Shower Doors *(10 28 19 16)*

10 28 19 16-0015 Framed, Sliding Shower Doors *(10 28 19 16-0014)*

10 28 19 16-0016	EA	40" To 42" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00735)	1,229.73	31.16
10 28 19 16-0017	EA	44" To 46" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00745)	1,120.51	31.16
10 28 19 16-0018	EA	46" To 48" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00775)	1,149.93	31.16
10 28 19 16-0019	EA	52" To 54" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00729)	1,181.21	31.16
10 28 19 16-0020	EA	54" To 56" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00794)	1,198.67	31.16
10 28 19 16-0021	EA	56" To 60" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00795)	1,224.51	31.16

10 28 19 16-0022 Frameless, Sliding Shower Doors *(10 28 19 16-0014)*

10 28 19 16-0023	EA	40" To 44" Opening, 65-1/2" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00335)	1,277.56	31.16
10 28 19 16-0024	EA	44" To 48" Opening, 65-1/2" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00345)	1,574.66	31.16
10 28 19 16-0025	EA	56" To 60" Opening, 65-1/2" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00394)	1,674.66	31.16
10 28 19 16-0026	EA	40" To 44" Opening, 70" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00330)	1,505.03	31.16
10 28 19 16-0027	EA	44" To 48" Opening, 70" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00370)	1,526.92	31.16
10 28 19 16-0028	EA	56" To 60" Opening, 70" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00390)	1,730.43	31.16

10 28 19 19 Tub Doors *(10 28 19)*

10 28 19 19-0001 Sliding Bathtub Doors *(10 28 19 19)*

10 28 19 19-0002 Framed, Sliding Bathtub Doors *(10 28 19 19-0001)*

10 28 19 19-0003	EA	52" To 54" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00725)	1,087.67	31.16
10 28 19 19-0004	EA	54" To 56" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00749)	1,100.26	31.16
10 28 19 19-0005	EA	56" To 60" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00750)	1,128.72	31.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 30 Fireplaces and Stoves *(10)*

10 31 Manufactured Fireplaces *(10 30)*

10 31 13 Manufactured Fireplace Chimneys *(10 31)*

See CSI section 23 51 00 00-0000 for chimneys.

10 31 16 Manufactured Fireplace Forms *(10 31)*

10 31 16 00-0001 Prefabricated Fireplaces *(10 31 16)*
Note: Listed by screen width.

10 31 16 00-0002 Radiant Heat Fireplace Inserts *(10 31 16 00-0001)*
Note: Includes insert, screen, grate and vent connection.

10 31 16 00-0003	EA	38" Wide Radiant Heat, Open Front Fireplace Insert	1,663.24	279.10
		For Circulating Heat Fireplace, Add	*60.78*	
10 31 16 00-0004	EA	43" Wide Radiant Heat, Open Front Fireplace Insert	1,767.17	287.73
		For Circulating Heat Fireplace, Add	*65.54*	
10 31 16 00-0005	EA	48" Wide Radiant Heat, Open Front Fireplace Insert	1,904.29	302.12
		For Circulating Heat Fireplace, Add	*71.50*	

10 31 16 00-0006 Radiant Heat Natural Gas Fireplace *(10 31 16 00-0001)*
Note: Includes insert, screen, gas logs and vent connection. Units are remote ready.

10 31 16 00-0007	EA	32" Wide Radiant Heat Natural Gas Fireplace	2,194.96	279.10
		For Circulating Heat Fireplace, Add	*90.02*	
		For Remote Ignition, Add	*81.84*	
10 31 16 00-0008	EA	36" Wide Radiant Heat Natural Gas Fireplace	2,333.37	287.73
		For Circulating Heat Fireplace, Add	*96.69*	
		For Remote Ignition, Add	*87.90*	

10 31 16 00-0009 Vent Free Radiant Heat Natural Gas Fireplace *(10 31 16 00-0001)*
Note: Includes insert, screen, and gas logs. Units are remote ready.

10 31 16 00-0010	EA	26" Wide Vent Free Radiant Heat Natural Gas Fireplace	2,390.13	241.69
		For Circulating Heat Fireplace, Add	*104.87*	
		For Remote Ignition, Add	*95.34*	
10 31 16 00-0011	EA	32" Wide Vent Free Radiant Heat Natural Gas Fireplace	2,667.91	258.96
		For Circulating Heat Fireplace, Add	*118.25*	
		For Remote Ignition, Add	*107.50*	
10 31 16 00-0012	EA	36" Wide Vent Free Radiant Heat Natural Gas Fireplace	2,974.70	287.73
		For Circulating Heat Fireplace, Add	*131.96*	
		For Remote Ignition, Add	*119.96*	
10 31 16 00-0013	EA	42" Wide Vent Free Radiant Heat Natural Gas Fireplace	3,379.05	310.75
		For Circulating Heat Fireplace, Add	*151.67*	
		For Remote Ignition, Add	*137.88*	

10 32 Fireplace Specialties *(10 30)*

10 32 16 Fireplace Inserts *(10 32)*

10 32 16 00-0001 Gas Log Inserts, Vented *(10 32 16)*
Note: Manual controlled.

10 32 16 00-0002	EA	15", 4 Log Set Gas Log Insert	768.20	124.69
10 32 16 00-0003	EA	18", 6 Log Set Gas Log Insert	942.98	124.69
10 32 16 00-0004	EA	21", 6 Log Set Gas Log Insert	994.02	124.69
10 32 16 00-0005	EA	24", 6 or 7 Log Set Gas Log Insert	1,045.06	124.69
10 32 16 00-0006	EA	30", 7 or 8 Log Set Gas Log Insert	1,326.95	124.69
10 32 16 00-0007	EA	36", 8 to 11 Log Set Gas Log Insert	1,561.27	124.69

10 32 19 Fireplace Screens *(10 32)*

10 32 19 00-0001 Screens, Mounted *(10 32 19)*

10 32 19 00-0002	EA	Black Powder Coated Steel Screen And Frame Note: Fits Heights between 18" to 27" and widths up to 42".	172.56	
10 32 19 00-0003	EA	Stainless Steel Screen And Frame Note: Fits Heights between 18" to 27" and widths up to 42".	293.04	

10 32 23 Fireplace Doors *(10 32)*

10 32 23 00-0001 Chimney Dampers / Chimalator *(10 32 23)*
Note: Stainless steel top sealing damper cap.

10 32 23 00-0002	EA	8" x 8" Stainless Steel Chimalator Top Sealing Damper Cap	703.05	23.53
10 32 23 00-0003	EA	8" x 13" Stainless Steel Chimalator Top Sealing Damper Cap	730.03	25.03
10 32 23 00-0004	EA	8" x 18" Stainless Steel Chimalator Top Sealing Damper Cap	948.84	28.54
10 32 23 00-0005	EA	8" x 20" Stainless Steel Chimalator Top Sealing Damper Cap	1,016.33	28.54
10 32 23 00-0006	EA	10" x 18" Stainless Steel Chimalator Top Sealing Damper Cap	1,071.97	35.80
10 32 23 00-0007	EA	12" x 12" Stainless Steel Chimalator Top Sealing Damper Cap	819.49	35.80
10 32 23 00-0008	EA	12" x 16" Stainless Steel Chimalator Top Sealing Damper Cap	1,027.58	42.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 32 23 00-0009	EA	13" x 13" Stainless Steel Chimalator Top Sealing Damper Cap	819.49	35.80
10 32 23 00-0010	EA	13" x 18" Stainless Steel Chimalator Top Sealing Damper Cap	1,027.58	42.94
10 32 23 00-0011	EA	13" x 21" Stainless Steel Chimalator Top Sealing Damper Cap	1,315.95	42.94
10 32 23 00-0012	EA	16" x 16" Stainless Steel Chimalator Top Sealing Damper Cap	1,168.70	60.09
10 32 23 00-0013	EA	16" x 20" Stainless Steel Chimalator Top Sealing Damper Cap	1,450.93	60.09
10 32 23 00-0014	EA	18" x 18" Stainless Steel Chimalator Top Sealing Damper Cap	1,219.64	63.22
10 32 23 00-0015	EA	18" x 21" Stainless Steel Chimalator Top Sealing Damper Cap	1,538.50	63.22
10 32 23 00-0016	EA	20" x 20" Stainless Steel Chimalator Top Sealing Damper Cap	1,653.70	66.72
10 32 23 00-0017	EA	20" x 24" Stainless Steel Chimalator Top Sealing Damper Cap	1,786.64	66.72
10 32 23 00-0018	EA	24" x 24" Stainless Steel Chimalator Top Sealing Damper Cap	1,900.84	70.72

10 40 Safety Specialties *(10)*

10 41 Emergency Access And Information Cabinets *(10 40)*

10 41 13 Fire Department Plan Cabinets *(10 41)*

10 41 13 00-0001 Fire Department Plan Cabinets (Knox) *(10 41 13)*

10 41 13 00-0002	EA	18" High x 14-1/2" Wide x 5" Deep, Light Gray Finish, Surface Mount, Fire Department Emergency Storage Cabinet (Knox 1300)	1,796.67	37.39
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Dual Locks, Add	*60.00*	
		For Back Key Hook Panel, Add	*59.29*	
		For Swing Key Hook Panel, Add	*158.29*	
		For Non-Locking Weather Housing, Add	*397.86*	
10 41 13 00-0003	EA	18" High x 14-1/2" Wide x 7" Deep, Light Gray Finish, Surface Mount, Fire Department Emergency Storage Cabinet (Knox 1300)	1,905.78	37.39
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Dual Locks, Add	*60.00*	
		For Back Key Hook Panel, Add	*59.29*	
		For Swing Key Hook Panel, Add	*158.29*	
		For Second Swing Key Hook Panel, Add	*125.29*	
		For Non-Locking Weather Housing, Add	*397.86*	

10 41 16 Emergency Key Cabinets *(10 41)*

10 41 16 00-0001 Emergency Key Cabinets (Knox) *(10 41 16)*

10 41 16 00-0002	EA	Elevator/Lobby, Deep Red Finish, Surface Mount, Fire Department Emergency Key Storage Box (Knox 1403)	891.01	37.39
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
10 41 16 00-0003	EA	5" High x 4" Wide x 3-3/4" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Box 3200)	781.89	37.39
		For Lift-Off Door, Deduct	*-40.00*	
		For Aluminum Or Dark Bronze Finish, Add	*10.00*	
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Recess Mount, Add	*61.44*	
		For Cast-In-Place Concrete Recess Mounting, Add	*119.00*	
10 41 16 00-0004	EA	6" High x 6" Wide x 4-1/2" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Vault 4100)	1,049.23	37.39
		For Aluminum Or Dark Bronze Finish, Add	*10.00*	
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Recess Mount, Add	*61.44*	
		For Dual Locks, Add	*60.00*	
		For Cast-In-Place Concrete Recess Mounting, Add	*130.00*	
10 41 16 00-0005	EA	7" High x 7" Wide x 5" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Vault 4400)	1,117.42	37.39
		For Aluminum Or Dark Bronze Finish, Add	*10.00*	
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Recess Mount, Add	*61.44*	
		For Dual Locks, Add	*60.00*	
		For Cast-In-Place Concrete Recess Mounting, Add	*135.00*	

10 44 Fire Protection Specialties *(10 40)*

10 44 13 Fire Protection Cabinets *(10 44)*

10 44 13 00-0001 Fire Extinguisher Cabinets *(10 44 13)*

10 44 13 00-0002 Recessed Fire Extinguisher Cabinets *(10 44 13 00-0001)*

10 44 13 00-0003 Steel Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*
Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0004	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	339.62	47.17
10 44 13 00-0005	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	344.21	47.17
10 44 13 00-0006	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	345.13	47.17
10 44 13 00-0007	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	373.59	47.17
10 44 13 00-0008	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	447.95	47.17
10 44 13 00-0009	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	458.05	47.17

10 44 13 00-0010 Aluminum Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*
Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0011	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	351.37	47.17
10 44 13 00-0012	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	356.01	47.17
10 44 13 00-0013	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	363.74	47.17
10 44 13 00-0014	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	376.88	47.17
10 44 13 00-0015	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	417.40	47.17
10 44 13 00-0016	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	429.77	47.17
10 44 13 00-0017		Stainless Steel Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*		
		Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0018	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	554.50	47.17
10 44 13 00-0019	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	568.99	47.17
10 44 13 00-0020	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	576.24	47.17
10 44 13 00-0021	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	625.76	47.17
10 44 13 00-0022	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	725.57	47.17
10 44 13 00-0023	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	755.77	47.17
10 44 13 00-0024		Bronze Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*		
		Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0025	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet	1,808.93	47.17
10 44 13 00-0026	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet	1,822.80	47.17
10 44 13 00-0027	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet	2,105.57	47.17
10 44 13 00-0028		Acrylic Bubble Door And Steel Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*		
		Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.		
10 44 13 00-0029	EA	10-1/2" x 24" x 4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	399.29	47.17
10 44 13 00-0030	EA	14" x 30" x 4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	434.18	47.17
10 44 13 00-0031		Semi-Recessed Fire Extinguisher Cabinets *(10 44 13 00-0001)*		
10 44 13 00-0032		Steel Door And Trim, Semi-Recessed Fire Extinguisher Cabinets *(10 44 13 00-0031)*		
		Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0033	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi-Recessed Steel Fire Extinguisher Cabinet	364.41	47.17
10 44 13 00-0034	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi-Recessed Steel Fire Extinguisher Cabinet	373.59	47.17
10 44 13 00-0035	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi-Recessed Steel Fire Extinguisher Cabinet	374.51	47.17
10 44 13 00-0036	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi-Recessed Steel Fire Extinguisher Cabinet	405.72	47.17
10 44 13 00-0037	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi-Recessed Steel Fire Extinguisher Cabinet	468.15	47.17
10 44 13 00-0038	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi-Recessed Steel Fire Extinguisher Cabinet	478.25	47.17
10 44 13 00-0039		Aluminum Door And Trim, Semi-Recessed Fire Extinguisher Cabinets *(10 44 13 00-0031)*		
		Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0040	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi-Recessed Aluminum Fire Extinguisher Cabinet	385.71	47.17
10 44 13 00-0041	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi-Recessed Aluminum Fire Extinguisher Cabinet	397.30	47.17
10 44 13 00-0042	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi-Recessed Aluminum Fire Extinguisher Cabinet	404.26	47.17
10 44 13 00-0043	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi-Recessed Aluminum Fire Extinguisher Cabinet	417.40	47.17
10 44 13 00-0044	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi-Recessed Aluminum Fire Extinguisher Cabinet	463.01	47.17
10 44 13 00-0045	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi-Recessed Aluminum Fire Extinguisher Cabinet	473.84	47.17
10 44 13 00-0046		Stainless Steel Door And Trim, Semi-Recessed Fire Extinguisher Cabinets *(10 44 13 00-0031)*		
		Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0047	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi-Recessed Stainless Steel Fire Extinguisher Cabinet	618.07	47.17
10 44 13 00-0048	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi-Recessed Stainless Steel Fire Extinguisher Cabinet	634.98	47.17
10 44 13 00-0049	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi-Recessed Stainless Steel Fire Extinguisher Cabinet	642.22	47.17
10 44 13 00-0050	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi-Recessed Stainless Steel Fire Extinguisher Cabinet	679.67	47.17
10 44 13 00-0051	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi-Recessed Stainless Steel Fire Extinguisher Cabinet	772.68	47.17
10 44 13 00-0052	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi-Recessed Stainless Steel Fire Extinguisher Cabinet	793.21	47.17
10 44 13 00-0053		Bronze Door And Trim, Semi-Recessed Fire Extinguisher Cabinets *(10 44 13 00-0031)*		
		Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0054	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi-Recessed Bronze Fire Extinguisher Cabinet	2,302.88	47.17
10 44 13 00-0055	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi-Recessed Bronze Fire Extinguisher Cabinet	2,314.52	47.17
10 44 13 00-0056	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi-Recessed Bronze Fire Extinguisher Cabinet	2,665.75	47.17
10 44 13 00-0057		Acrylic Bubble Door And Steel Trim, Semi-Recessed Fire Extinguisher Cabinets *(10 44 13 00-0031)*		
		Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.		
10 44 13 00-0058	EA	10-1/2" x 24" x 4" Inside Dimensions, Semi-Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	432.34	47.17
10 44 13 00-0059	EA	14" x 30" x 4" Inside Dimensions, Semi-Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	465.39	47.17
10 44 13 00-0060		Surface Mounted Fire Extinguisher Cabinets *(10 44 13 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0061		**Steel Door And Trim, Surface Mount Fire Extinguisher Cabinets** *(10 44 13 00-0060)*		
		Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0062	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	357.06	47.17
10 44 13 00-0063	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	362.57	47.17
10 44 13 00-0064	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	406.64	47.17
10 44 13 00-0065	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	460.80	47.17
10 44 13 00-0066	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	475.49	47.17
10 44 13 00-0067		**Aluminum Door And Trim, Surface Mount Fire Extinguisher Cabinets** *(10 44 13 00-0060)*		
		Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0068	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	459.15	47.17
10 44 13 00-0069	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	469.20	47.17
10 44 13 00-0070	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	491.62	47.17
10 44 13 00-0071	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	535.68	47.17
10 44 13 00-0072	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	554.23	47.17
10 44 13 00-0073		**Stainless Steel Door And Trim, Surface Mount Fire Extinguisher Cabinets** *(10 44 13 00-0060)*		
		Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0074	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	723.15	47.17
10 44 13 00-0075	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	746.11	47.17
10 44 13 00-0076	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	802.88	47.17
10 44 13 00-0077	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	912.80	47.17
10 44 13 00-0078	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	946.62	47.17
10 44 13 00-0079		**Bronze Door And Trim, Surface Mount Fire Extinguisher Cabinets** *(10 44 13 00-0060)*		
		Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0080	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Bronze Fire Extinguisher Cabinet	2,654.78	47.17
10 44 13 00-0081	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Bronze Fire Extinguisher Cabinet	3,003.33	47.17
10 44 13 00-0082		**Acrylic Bubble Door And Steel Trim, Surface Mount Fire Extinguisher Cabinets** *(10 44 13 00-0060)*		
		Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.		
10 44 13 00-0083	EA	13-11/16" x 27-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	412.15	47.17
10 44 13 00-0084	EA	17-3/16" x 33-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	452.54	47.17
10 44 13 00-0085	EA	31-3/16" x 33-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	593.92	47.17
10 44 13 00-0086		**Fire Extinguisher Cabinet Accessories** *(10 44 13 00-0001)*		
10 44 13 00-0087	EA	Standard Break Glass Cylinder Lock Mechanism	35.81	14.38
10 44 13 00-0088	EA	Breaker Bar And Chain For Break Glass Cabinets	33.34	14.38
10 44 13 00-0089	EA	Replacement Of Standard Pull Handle	31.84	
10 44 13 00-0090	EA	Fire Extinguisher Cabinet Battery Operated Alarm	89.23	28.76
10 44 13 00-0091	EA	Fire Rated Option For 10-1/2" x 24" x 5-1/2" Or 6" Cabinets	244.09	
10 44 13 00-0092	EA	Fire Rated Option For 12" x 27" x 7-3/4" Cabinets	268.50	
10 44 13 00-0093	EA	Fire Rated Option For 16" x 32" x 7-3/4" Cabinets	366.14	
10 44 13 00-0094	EA	Fire Rated Option For 20" x 27" x 7-3/4" Cabinets	500.38	
10 44 13 00-0095	EA	Fire Rated Option For 9" x 18" x 5-1/2" Cabinets	585.82	
10 44 13 00-0096	EA	Standard Glass With Wire Glass For 9" x 18" x 5-1/2" Cabinets	141.57	
10 44 13 00-0097	EA	Standard Glass With Wire Glass For 10-1/2" x 24" x 5-1/2" Or 6" Cabinets	146.45	
10 44 13 00-0098	EA	Standard Glass With Wire Glass For 12" x 27" x 7-3/4" Cabinets	195.27	
10 44 13 00-0099	EA	Standard Glass With Wire Glass For 16" x 32" x 7-3/4" Cabinets	353.93	
10 44 13 00-0100	EA	Standard Glass With Wire Glass For 20" x 27" x 7-3/4" Cabinets	358.81	
10 44 13 00-0101	EA	Standard Glass With Wire Glass For 12-3/16" x 21-3/16" x 6" Cabinets	77.04	
10 44 13 00-0102	EA	Standard Glass With Wire Glass For 13-11/16" x 27-3/16" x 6-1/2" Cabinets	80.89	
10 44 13 00-0103	EA	Standard Glass With Wire Glass For 15-3/16" x 30-3/16" x 8-1/4" Cabinets	109.14	
10 44 13 00-0104	EA	Standard Glass With Wire Glass For 19-3/16" x 35-3/16" x 8-1/4" Cabinets	192.60	
10 44 13 00-0105	EA	Standard Glass With Wire Glass For 23-3/16" x 30-3/16" x 8-1/4" Cabinets	195.17	
10 44 13 00-0106		**Fire Hose Cabinets** *(10 44 13)*		
		Note: Excludes hoses, hose rack units, fire extinguishers and valves. See CSI section 21 12 13 00-0001 for fire hoses and nozzles, 21 12 13 00-0015 for fire hose rack units, 21 12 23 00-0014 for fire hose angle valves.		
10 44 13 00-0107		**Recessed Fire Hose Cabinets** *(10 44 13 00-0106)*		
10 44 13 00-0108		**Steel Door And Trim, Recessed Fire Hose Cabinets** *(10 44 13 00-0107)*		
		Note: Includes baked enamel finish, steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0109	EA	34" x 24" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	700.54	168.06
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0110	EA	34" x 26" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	712.83	168.06
		For Solid Steel Door, Deduct	*-8.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0111	EA	38" x 24" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	723.07	168.06
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0112	EA	38" x 26" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	733.32	168.06
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0113	EA	30" x 30" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	745.60	168.06
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0114	EA	38" x 32" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	778.35	168.06
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0115	EA	23" x 18" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	788.60	168.06
		For Solid Steel Door, Deduct	*-8.60*	

10 44 13 00-0116 Aluminum Door And Trim, Recessed Fire Hose Cabinets *(10 44 13 00-0107)*

Note: Includes clear satin anodized finish, aluminum door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0117	EA	34" x 24" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	757.29	168.06
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0118	EA	30" x 30" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	777.09	168.06
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0119	EA	34" x 26" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	779.66	168.06
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0120	EA	38" x 24" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	787.89	168.06
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0121	EA	38" x 26" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	798.69	168.06
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0122	EA	38" x 32" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	829.28	168.06
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0123	EA	23" x 18" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	859.88	168.06
		For Solid Aluminum Door, Add	*6.50*	

10 44 13 00-0124 Stainless Steel Door And Trim, Recessed Fire Hose Cabinets *(10 44 13 00-0107)*

Note: Includes #4 finish, stainless steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0125	EA	23" x 18" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	992.19	168.06
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0126	EA	34" x 24" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	1,094.63	168.06
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0127	EA	34" x 26" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	1,104.49	168.06
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0128	EA	38" x 24" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	1,136.01	168.06
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0129	EA	38" x 26" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	1,145.86	168.06
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0130	EA	30" x 30" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	1,197.08	168.06
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0131	EA	38" x 32" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	1,248.31	168.06
		For Solid Stainless Steel Door, Deduct	*-7.70*	

10 44 13 00-0132 Semi-Recessed Fire Hose Cabinets *(10 44 13 00-0106)*

10 44 13 00-0133 Steel Door And Trim, Semi-Recessed Fire Hose Cabinets *(10 44 13 00-0132)*

Note: Includes baked enamel finish, steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0134	EA	34" x 24" x 8" Inside Dimensions, Semi-Recessed Steel Fire Hose Cabinet	733.32	168.06
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0135	EA	34" x 26" x 8" Inside Dimensions, Semi-Recessed Steel Fire Hose Cabinet	745.60	168.06
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0136	EA	38" x 24" x 8" Inside Dimensions, Semi-Recessed Steel Fire Hose Cabinet	755.82	168.06
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0137	EA	38" x 26" x 8" Inside Dimensions, Semi-Recessed Steel Fire Hose Cabinet	768.11	168.06
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0138	EA	30" x 30" x 8" Inside Dimensions, Semi-Recessed Steel Fire Hose Cabinet	778.35	168.06
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0139	EA	38" x 32" x 8" Inside Dimensions, Semi-Recessed Steel Fire Hose Cabinet	811.10	168.06
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0140	EA	23" x 18" x 8" Inside Dimensions, Semi-Recessed Steel Fire Hose Cabinet	823.38	168.06
		For Solid Steel Door, Deduct	*-8.60*	

10 44 13 00-0141 Aluminum Door And Trim, Semi-Recessed Fire Hose Cabinets *(10 44 13 00-0132)*

Note: Includes clear satin anodized finish, aluminum door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0142	EA	34" x 24" x 8" Inside Dimensions, Semi-Recessed Aluminum Fire Hose Cabinet	777.09	168.06
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0143	EA	34" x 26" x 8" Inside Dimensions, Semi-Recessed Aluminum Fire Hose Cabinet	798.69	168.06
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0144	EA	30" x 30" x 8" Inside Dimensions, Semi-Recessed Aluminum Fire Hose Cabinet	801.77	168.06
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0145	EA	38" x 24" x 8" Inside Dimensions, Semi-Recessed Aluminum Fire Hose Cabinet	807.69	168.06
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0146	EA	38" x 26" x 8" Inside Dimensions, Semi-Recessed Aluminum Fire Hose Cabinet	818.48	168.06
		For Solid Aluminum Door, Add	*6.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0147	EA	38" x 32" x 8" Inside Dimensions, Semi-Recessed Aluminum Fire Hose Cabinet	849.08	168.06
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0148	EA	23" x 18" x 8" Inside Dimensions, Semi-Recessed Aluminum Fire Hose Cabinet	879.68	168.06
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0149		**Stainless Steel Door And Trim, Semi-Recessed Fire Hose Cabinets** *(10 44 13 00-0132)*		
		Note: Includes #4 finish, 304 stainless steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0150	EA	23" x 18" x 8" Inside Dimensions, Semi-Recessed Stainless Steel Fire Hose Cabinet	1,053.26	168.06
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0151	EA	34" x 24" x 8" Inside Dimensions, Semi-Recessed Stainless Steel Fire Hose Cabinet	1,165.56	168.06
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0152	EA	34" x 26" x 8" Inside Dimensions, Semi-Recessed Stainless Steel Fire Hose Cabinet	1,175.41	168.06
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0153	EA	38" x 24" x 8" Inside Dimensions, Semi-Recessed Stainless Steel Fire Hose Cabinet	1,206.93	168.06
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0154	EA	38" x 26" x 8" Inside Dimensions, Semi-Recessed Stainless Steel Fire Hose Cabinet	1,216.78	168.06
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0155	EA	30" x 30" x 8" Inside Dimensions, Semi-Recessed Stainless Steel Fire Hose Cabinet	1,268.01	168.06
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0156	EA	38" x 32" x 8" Inside Dimensions, Semi-Recessed Stainless Steel Fire Hose Cabinet	1,319.23	168.06
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0157		**Surface Mount Fire Hose Cabinets** *(10 44 13 00-0106)*		
10 44 13 00-0158		**Steel Door And Trim, Surface Mount Fire Hose Cabinets** *(10 44 13 00-0157)*		
		Note: Includes baked enamel finish, steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0159	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	745.60	168.06
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0160	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	755.82	168.06
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0161	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	768.11	168.06
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0162	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	778.35	168.06
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0163	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	788.60	168.06
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0164	EA	41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	823.38	168.06
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0165	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	833.63	168.06
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0166		**Aluminum Door And Trim, Surface Mount Fire Hose Cabinets** *(10 44 13 00-0157)*		
		Note: Includes clear satin anodized finish, aluminum door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0167	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	829.28	168.06
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0168	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	849.08	168.06
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0169	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	854.22	168.06
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0170	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	859.88	168.06
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0171	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	868.88	168.06
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0172	EA	41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	901.28	168.06
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0173	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	921.08	168.06
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0174		**Stainless Steel Door And Trim, Surface Mount Fire Hose Cabinets** *(10 44 13 00-0157)*		
		Note: Includes #4 finish, 304 stainless steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0175	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,136.01	168.06
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0176	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,463.06	168.06
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0177	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,545.80	168.06
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0178	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,565.50	168.06
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0179	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,585.21	168.06
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0180	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,667.95	168.06
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0181	EA	41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,770.40	168.06
		For Solid Stainless Steel Door, Deduct	*-7.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 44 16 Fire Extinguishers *(10 44)*

10 44 16 13 Portable Fire Extinguishers *(10 44 16)*

Note: Includes filling, certification, bracket, hardware and mounting on wall.

10 44 16 13-0001 Carbon Dioxide Type, Class BC Portable Fire Extinguisher *(10 44 16 13)*

10 44 16 13-0002	EA	2.5 Lb. Carbon Dioxide, Type BC Portable Fire Extinguisher	171.87	14.95
		For >5 To 10, Deduct	*-4.76*	
		For >10, Deduct	*-9.52*	
		For Placement In Cabinet, Deduct	*-38.35*	
10 44 16 13-0003	EA	5 Lb. Carbon Dioxide, Type BC Portable Fire Extinguisher	245.79	17.26
		For >5 To 10, Deduct	*-7.86*	
		For >10, Deduct	*-15.73*	
		For Placement In Cabinet, Deduct	*-44.25*	
10 44 16 13-0004	EA	10 Lb. Carbon Dioxide, Type BC Portable Fire Extinguisher	319.68	21.86
		For >5 To 10, Deduct	*-10.23*	
		For >10, Deduct	*-20.46*	
		For Placement In Cabinet, Deduct	*-57.52*	
10 44 16 13-0005	EA	15 Lb. Carbon Dioxide, Type BC Portable Fire Extinguisher	394.09	27.61
		For >5 To 10, Deduct	*-12.51*	
		For >10, Deduct	*-25.03*	
		For Placement In Cabinet, Deduct	*-71.90*	
10 44 16 13-0006	EA	20 Lb. Carbon Dioxide, Type BC Portable Fire Extinguisher	434.98	27.61
		For >5 To 10, Deduct	*-14.56*	
		For >10, Deduct	*-29.12*	
		For Placement In Cabinet, Deduct	*-71.90*	
10 44 16 13-0007	EA	50 Lb. Carbon Dioxide, Type BC Wheeled Fire Extinguisher	1,345.35	43.71
		For >5 To 10, Deduct	*-55.76*	
		For >10, Deduct	*-111.53*	
10 44 16 13-0008	EA	100 Lb. Carbon Dioxide, Type BC Wheeled Fire Extinguisher	2,588.41	43.71
		For >5 To 10, Deduct	*-117.92*	
		For >10, Deduct	*-235.83*	

10 44 16 13-0009 Dry Chemical Type, Class ABC Portable Fire Extinguisher *(10 44 16 13)*

10 44 16 13-0010	EA	2.6 Lb. Dry Chemical, Type ABC Portable Fire Extinguisher	112.99	14.95
		For >5 To 10, Deduct	*-1.81*	
		For >10, Deduct	*-3.63*	
		For Placement In Cabinet, Deduct	*-38.35*	
10 44 16 13-0011	EA	5 Lb. Dry Chemical, Type ABC Portable Fire Extinguisher	139.96	17.26
		For >5 To 10, Deduct	*-2.57*	
		For >10, Deduct	*-5.15*	
		For Placement In Cabinet, Deduct	*-44.25*	
10 44 16 13-0012	EA	10 Lb. Dry Chemical, Type ABC Portable Fire Extinguisher	196.97	21.86
		For >5 To 10, Deduct	*-4.10*	
		For >10, Deduct	*-8.19*	
		For Placement In Cabinet, Deduct	*-57.52*	
10 44 16 13-0013	EA	20 Lb. Dry Chemical, Type ABC Portable Fire Extinguisher	272.75	27.61
		For >5 To 10, Deduct	*-6.45*	
		For >10, Deduct	*-12.90*	
		For Placement In Cabinet, Deduct	*-71.90*	
10 44 16 13-0014	EA	50 Lb. Dry Chemical, Type ABC Wheeled Fire Extinguisher	1,602.48	43.71
		For >5 To 10, Deduct	*-68.62*	
		For >10, Deduct	*-137.24*	
10 44 16 13-0015	EA	125 Lb. Dry Chemical, Type ABC Wheeled Fire Extinguisher	2,354.10	43.71
		For >5 To 10, Deduct	*-106.20*	
		For >10, Deduct	*-212.40*	

10 44 16 13-0016 Other Portable Fire Extinguishers *(10 44 16 13)*

10 44 16 13-0017	EA	2.5 Gallon Water, Stored Pressure Portable Fire Extinguisher Note: Stainless steel.	194.05	17.26
		For >5 To 10, Deduct	*-5.28*	
		For >10, Deduct	*-10.56*	
		For Placement In Cabinet, Deduct	*-44.25*	
10 44 16 13-0018	EA	1.6 Gallon Wet Chemical, Class K Portable Fire Extinguisher Note: Stainless steel.	296.14	27.61
		For >5 To 10, Deduct	*-7.62*	
		For >10, Deduct	*-15.23*	
		For Placement In Cabinet, Deduct	*-71.90*	
10 44 16 13-0019	EA	2.5 Gallon Wet Chemical, Class K Portable Fire Extinguisher Note: Stainless steel.	312.73	27.61
		For >5 To 10, Deduct	*-8.45*	
		For >10, Deduct	*-16.89*	
		For Placement In Cabinet, Deduct	*-71.90*	
10 44 16 13-0020	EA	30 Lb. Dry Powder, Class D Portable Fire Extinguisher. Note: Yellow steel.	427.38	27.61
		For >5 To 10, Deduct	*-14.18*	
		For >10, Deduct	*-28.36*	

10 44 16 13-0021 Fire Extinguisher Backboards *(10 44 16 13)*

10 44 16 13-0022 Fire Extinguisher Backboards *(10 44 16 13-0021)*

Note: Mounted to any wall. Includes anchors.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 16 13-0023	EA	Red Painted 1/2" x 12" x 40" Beveled Edge Plywood Fire Extinguisher Backboard	122.62	19.71
10 44 16 13-0024	EA	Relocate Fire Extinguisher Wood Backboard, Any Size Note: Includes storage and cleaning.	173.85	

10 44 16 13-0025 Inspections And Testing *(10 44 16 13)*

10 44 16 13-0026	EA	On Site Fire Extinguisher Annual Inspection (Tag)	7.61	
10 44 16 13-0027	EA	On Site Fire Extinguisher Hydrotest	11.19	

10 44 19 Fire Blankets *(10 44)*

10 44 19 00-0001	EA	Vertical Roller Type Fire Blanket Cabinet (JL Industries 1FB) Note: Includes a 62" x 84", 3-1/2 pound, processed wool fire blanket.	383.72	47.17
10 44 19 00-0002	EA	Drop Type Fire Blanket Cabinet (JL Industries 2FB) Note: Includes a 62" x 84", 3-1/2 pound, processed wool fire blanket.	296.51	47.17

10 50 Storage Specialties *(10)*

10 51 Lockers *(10 50)*

10 51 13 Metal Lockers *(10 51)*

10 51 13 00-0001 Institutional And Corridor Lockers *(10 51 13)*

Note: Price per frame. Includes baked enamel 24 gauge solid body components and 6" legs. Excludes slope top, base fillers, and locks.

10 51 13 00-0002 Single Tier Institutional Or Corridor Locker *(10 51 13 00-0001)*

Note: Includes one hat shelf, three single hooks and one double hook.

10 51 13 00-0003	EA	12" x 12" x 48" Single Tier Institutional Or Corridor Locker	293.65	35.66
		For >25 To 50, Deduct	*-11.12*	
		For >50 To 100, Deduct	*-23.30*	
		For >100, Deduct	*-35.49*	
		For 14 Gauge Doors, Add	*17.79*	
10 51 13 00-0004	EA	12" x 15" x 48" Single Tier Institutional Or Corridor Locker	302.45	35.66
		For >25 To 50, Deduct	*-11.56*	
		For >50 To 100, Deduct	*-24.18*	
		For >100, Deduct	*-36.81*	
		For 14 Gauge Doors, Add	*18.49*	
10 51 13 00-0005	EA	12" x 18" x 48" Single Tier Institutional Or Corridor Locker	311.24	35.66
		For >25 To 50, Deduct	*-12.00*	
		For >50 To 100, Deduct	*-25.06*	
		For >100, Deduct	*-38.13*	
		For 14 Gauge Doors, Add	*19.19*	
10 51 13 00-0006	EA	12" x 12" x 60" Single Tier Institutional Or Corridor Locker	277.56	35.66
		For >25 To 50, Deduct	*-10.31*	
		For >50 To 100, Deduct	*-21.69*	
		For >100, Deduct	*-33.07*	
		For 14 Gauge Doors, Add	*16.50*	
10 51 13 00-0007	EA	12" x 15" x 60" Single Tier Institutional Or Corridor Locker	288.48	35.66
		For >25 To 50, Deduct	*-10.86*	
		For >50 To 100, Deduct	*-22.78*	
		For >100, Deduct	*-34.71*	
		For 14 Gauge Doors, Add	*17.37*	
10 51 13 00-0008	EA	12" x 18" x 60" Single Tier Institutional Or Corridor Locker	303.42	35.66
		For >25 To 50, Deduct	*-11.60*	
		For >50 To 100, Deduct	*-24.28*	
		For >100, Deduct	*-36.95*	
		For 14 Gauge Doors, Add	*18.57*	
10 51 13 00-0009	EA	12" x 12" x 72" Single Tier Institutional Or Corridor Locker	302.53	36.81
		For >25 To 50, Deduct	*-11.45*	
		For >50 To 100, Deduct	*-23.99*	
		For >100, Deduct	*-36.54*	
		For 14 Gauge Doors, Add	*18.31*	
10 51 13 00-0010	EA	12" x 15" x 72" Single Tier Institutional Or Corridor Locker	311.59	36.81
		For >25 To 50, Deduct	*-11.90*	
		For >50 To 100, Deduct	*-24.90*	
		For >100, Deduct	*-37.90*	
		For 14 Gauge Doors, Add	*19.04*	
10 51 13 00-0011	EA	12" x 18" x 72" Single Tier Institutional Or Corridor Locker	320.42	36.81
		For >25 To 50, Deduct	*-12.34*	
		For >50 To 100, Deduct	*-25.78*	
		For >100, Deduct	*-39.23*	
		For 14 Gauge Doors, Add	*19.74*	
10 51 13 00-0012	EA	15" x 15" x 72" Single Tier Institutional Or Corridor Locker	335.66	36.81
		For >25 To 50, Deduct	*-13.10*	
		For >50 To 100, Deduct	*-27.31*	
		For >100, Deduct	*-41.51*	
		For 14 Gauge Doors, Add	*20.96*	
10 51 13 00-0013	EA	15" x 18" x 72" Single Tier Institutional Or Corridor Locker	350.76	36.81
		For >25 To 50, Deduct	*-13.86*	
		For >50 To 100, Deduct	*-28.82*	
		For >100, Deduct	*-43.78*	
		For 14 Gauge Doors, Add	*22.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0014	EA	18" x 18" x 72" Single Tier Institutional Or Corridor Locker	366.73	36.81
		For >25 To 50, Deduct	*-14.66*	
		For >50 To 100, Deduct	*-30.41*	
		For >100, Deduct	*-46.17*	
		For 14 Gauge Doors, Add	*23.45*	
10 51 13 00-0015	EA	18" x 21" x 72" Single Tier Institutional Or Corridor Locker	381.49	36.81
		For >25 To 50, Deduct	*-15.39*	
		For >50 To 100, Deduct	*-31.89*	
		For >100, Deduct	*-48.39*	
		For 14 Gauge Doors, Add	*24.63*	
10 51 13 00-0016	EA	24" x 24" x 72" Single Tier Institutional Or Corridor Locker	516.31	36.81
		For >25 To 50, Deduct	*-22.13*	
		For >50 To 100, Deduct	*-45.37*	
		For >100, Deduct	*-68.61*	
		For 14 Gauge Doors, Add	*35.41*	

10 51 13 00-0017 Two Tier Institutional Or Corridor Locker *(10 51 13 00-0001)*

Note: Includes three single hooks and one double hook per tier.

10 51 13 00-0018	EA	12" x 12" x 60" Two Tier Institutional Or Corridor Locker	328.03	36.81
		For >25 To 50, Deduct	*-12.72*	
		For >50 To 100, Deduct	*-26.54*	
		For >100, Deduct	*-40.37*	
		For 14 Gauge Doors, Add	*27.98*	
10 51 13 00-0019	EA	12" x 15" x 60" Two Tier Institutional Or Corridor Locker	334.92	36.81
		For >25 To 50, Deduct	*-13.06*	
		For >50 To 100, Deduct	*-27.23*	
		For >100, Deduct	*-41.40*	
		For 14 Gauge Doors, Add	*28.74*	
10 51 13 00-0020	EA	12" x 18" x 60" Two Tier Institutional Or Corridor Locker	341.86	36.81
		For >25 To 50, Deduct	*-13.41*	
		For >50 To 100, Deduct	*-27.93*	
		For >100, Deduct	*-42.44*	
		For 14 Gauge Doors, Add	*29.51*	
10 51 13 00-0021	EA	12" x 12" x 72" Two Tier Institutional Or Corridor Locker	342.98	37.97
		For >25 To 50, Deduct	*-13.35*	
		For >50 To 100, Deduct	*-27.84*	
		For >100, Deduct	*-42.33*	
		For 14 Gauge Doors, Add	*29.37*	
10 51 13 00-0022	EA	12" x 15" x 72" Two Tier Institutional Or Corridor Locker	358.03	37.97
		For >25 To 50, Deduct	*-14.10*	
		For >50 To 100, Deduct	*-29.35*	
		For >100, Deduct	*-44.59*	
		For 14 Gauge Doors, Add	*31.03*	
10 51 13 00-0023	EA	12" x 18" x 72" Two Tier Institutional Or Corridor Locker	367.12	37.97
		For >25 To 50, Deduct	*-14.56*	
		For >50 To 100, Deduct	*-30.26*	
		For >100, Deduct	*-45.96*	
		For 14 Gauge Doors, Add	*32.03*	
10 51 13 00-0024	EA	15" x 15" x 72" Two Tier Institutional Or Corridor Locker	380.14	37.97
		For >25 To 50, Deduct	*-15.21*	
		For >50 To 100, Deduct	*-31.56*	
		For >100, Deduct	*-47.91*	
		For 14 Gauge Doors, Add	*33.46*	
10 51 13 00-0025	EA	15" x 18" x 72" Two Tier Institutional Or Corridor Locker	393.21	37.97
		For >25 To 50, Deduct	*-15.86*	
		For >50 To 100, Deduct	*-32.87*	
		For >100, Deduct	*-49.87*	
		For 14 Gauge Doors, Add	*34.90*	
10 51 13 00-0026	EA	18" x 18" x 72" Two Tier Institutional Or Corridor Locker	452.39	37.97
		For >25 To 50, Deduct	*-18.82*	
		For >50 To 100, Deduct	*-38.78*	
		For >100, Deduct	*-58.75*	
		For 14 Gauge Doors, Add	*41.41*	
10 51 13 00-0027	EA	18" x 21" x 72" Two Tier Institutional Or Corridor Locker	463.14	37.97
		For >25 To 50, Deduct	*-19.36*	
		For >50 To 100, Deduct	*-39.86*	
		For >100, Deduct	*-60.36*	
		For 14 Gauge Doors, Add	*42.59*	

10 51 13 00-0028 Three Tier Institutional Or Corridor Locker *(10 51 13 00-0001)*

Note: Includes one double hook per tier.

10 51 13 00-0029	EA	12" x 12" x 72" Three Tier Institutional Or Corridor Locker	385.23	39.12
		For >25 To 50, Deduct	*-15.35*	
		For >50 To 100, Deduct	*-31.87*	
		For >100, Deduct	*-48.40*	
		For 14 Gauge Doors, Add	*46.05*	
10 51 13 00-0030	EA	12" x 15" x 72" Three Tier Institutional Or Corridor Locker	392.29	39.12
		For >25 To 50, Deduct	*-15.70*	
		For >50 To 100, Deduct	*-32.58*	
		For >100, Deduct	*-49.46*	
		For 14 Gauge Doors, Add	*47.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0031	EA	12" x 18" x 72" Three Tier Institutional Or Corridor Locker	417.42	39.12
		For >25 To 50, Deduct	*-16.96*	
		For >50 To 100, Deduct	*-35.09*	
		For >100, Deduct	*-53.23*	
		For 14 Gauge Doors, Add	*50.88*	
10 51 13 00-0032	EA	15" x 15" x 72" Three Tier Institutional Or Corridor Locker	441.47	39.12
		For >25 To 50, Deduct	*-18.16*	
		For >50 To 100, Deduct	*-37.50*	
		For >100, Deduct	*-56.83*	
		For 14 Gauge Doors, Add	*54.49*	
10 51 13 00-0033	EA	15" x 18" x 72" Three Tier Institutional Or Corridor Locker	460.63	39.12
		For >25 To 50, Deduct	*-19.12*	
		For >50 To 100, Deduct	*-39.41*	
		For >100, Deduct	*-59.71*	
		For 14 Gauge Doors, Add	*57.36*	
10 51 13 00-0034		**Four Tier Institutional Or Corridor Locker** *(10 51 13 00-0001)*		
10 51 13 00-0035	EA	12" x 12" x 72" Four Tier Institutional Or Corridor Locker	378.09	40.26
		For >25 To 50, Deduct	*-14.88*	
		For >50 To 100, Deduct	*-30.96*	
		For >100, Deduct	*-47.05*	
10 51 13 00-0036	EA	12" x 15" x 72" Four Tier Institutional Or Corridor Locker	390.42	40.26
		For >25 To 50, Deduct	*-15.49*	
		For >50 To 100, Deduct	*-32.20*	
		For >100, Deduct	*-48.90*	
10 51 13 00-0037	EA	12" x 18" x 72" Four Tier Institutional Or Corridor Locker	410.26	40.26
		For >25 To 50, Deduct	*-16.49*	
		For >50 To 100, Deduct	*-34.18*	
		For >100, Deduct	*-51.87*	
10 51 13 00-0038	EA	15" x 15" x 72" Four Tier Institutional Or Corridor Locker	426.14	40.26
		For >25 To 50, Deduct	*-17.28*	
		For >50 To 100, Deduct	*-35.77*	
		For >100, Deduct	*-54.26*	
10 51 13 00-0039	EA	15" x 18" x 72" Four Tier Institutional Or Corridor Locker	449.01	40.26
		For >25 To 50, Deduct	*-18.42*	
		For >50 To 100, Deduct	*-38.06*	
		For >100, Deduct	*-57.69*	
10 51 13 00-0040		**Six Tier Institutional Or Corridor Locker** *(10 51 13 00-0001)*		
10 51 13 00-0041	EA	12" x 12" x 72" Six Tier Institutional Or Corridor Locker	411.41	41.42
		For >25 To 50, Deduct	*-16.43*	
		For >50 To 100, Deduct	*-34.10*	
		For >100, Deduct	*-51.77*	
10 51 13 00-0042	EA	12" x 15" x 72" Six Tier Institutional Or Corridor Locker	420.92	41.42
		For >25 To 50, Deduct	*-16.90*	
		For >50 To 100, Deduct	*-35.05*	
		For >100, Deduct	*-53.20*	
10 51 13 00-0043	EA	12" x 18" x 72" Six Tier Institutional Or Corridor Locker	438.88	41.42
		For >25 To 50, Deduct	*-17.80*	
		For >50 To 100, Deduct	*-36.85*	
		For >100, Deduct	*-55.89*	
10 51 13 00-0044		**Locker And Coat Rack Combination** *(10 51 13 00-0001)*		
10 51 13 00-0045	EA	45" x 18" x 12", 4 Person Wall Mount Locker And Coat Rack Combination	762.36	27.61
10 51 13 00-0046	EA	72" x 18" x 78", 16 Person Locker And Coat Rack Combination	1,218.63	57.52
10 51 13 00-0047		**Athletic Lockers** *(10 51 13)*		
		Note: Price per frame. Includes baked enamel paint, diamond perforated doors and sides, 16 gauge solid top, bottom, and shelves and 6" legs. Excludes slope top, base fillers, and locks.		
10 51 13 00-0048		**Single Tier Athletic Locker** *(10 51 13 00-0047)*		
		Note: Includes one hat shelf, three single hooks and one double hook.		
10 51 13 00-0049	EA	12" x 15" x 60" Single Tier Athletic Locker	416.83	36.81
		For >25 To 50, Deduct	*-17.16*	
		For >50 To 100, Deduct	*-35.42*	
		For >100, Deduct	*-53.69*	
10 51 13 00-0050	EA	12" x 18" x 60" Single Tier Athletic Locker	431.32	36.81
		For >25 To 50, Deduct	*-17.88*	
		For >50 To 100, Deduct	*-36.87*	
		For >100, Deduct	*-55.86*	
10 51 13 00-0051	EA	15" x 15" x 60" Single Tier Athletic Locker	440.64	36.81
		For >25 To 50, Deduct	*-18.35*	
		For >50 To 100, Deduct	*-37.81*	
		For >100, Deduct	*-57.26*	
10 51 13 00-0052	EA	15" x 18" x 60" Single Tier Athletic Locker	456.11	36.81
		For >25 To 50, Deduct	*-19.12*	
		For >50 To 100, Deduct	*-39.35*	
		For >100, Deduct	*-59.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0053	EA	18" x 18" x 60" Single Tier Athletic Locker	522.86	36.81
		For >25 To 50, Deduct	*-22.46*	
		For >50 To 100, Deduct	*-46.03*	
		For >100, Deduct	*-69.59*	
10 51 13 00-0054	EA	18" x 21" x 60" Single Tier Athletic Locker	575.93	36.81
		For >25 To 50, Deduct	*-25.12*	
		For >50 To 100, Deduct	*-51.33*	
		For >100, Deduct	*-77.55*	
10 51 13 00-0055	EA	18" x 24" x 60" Single Tier Athletic Locker	612.23	36.81
		For >25 To 50, Deduct	*-26.93*	
		For >50 To 100, Deduct	*-54.96*	
		For >100, Deduct	*-83.00*	
10 51 13 00-0056	EA	12" x 15" x 72" Single Tier Athletic Locker	432.91	36.81
		For >25 To 50, Deduct	*-17.96*	
		For >50 To 100, Deduct	*-37.03*	
		For >100, Deduct	*-56.10*	
10 51 13 00-0057	EA	12" x 18" x 72" Single Tier Athletic Locker	459.02	36.81
		For >25 To 50, Deduct	*-19.27*	
		For >50 To 100, Deduct	*-39.64*	
		For >100, Deduct	*-60.02*	
10 51 13 00-0058	EA	15" x 15" x 72" Single Tier Athletic Locker	468.20	36.81
		For >25 To 50, Deduct	*-19.73*	
		For >50 To 100, Deduct	*-40.56*	
		For >100, Deduct	*-61.39*	
10 51 13 00-0059	EA	15" x 18" x 72" Single Tier Athletic Locker	484.96	36.81
		For >25 To 50, Deduct	*-20.57*	
		For >50 To 100, Deduct	*-42.24*	
		For >100, Deduct	*-63.91*	
10 51 13 00-0060	EA	18" x 18" x 72" Single Tier Athletic Locker	526.28	36.81
		For >25 To 50, Deduct	*-22.63*	
		For >50 To 100, Deduct	*-46.37*	
		For >100, Deduct	*-70.11*	
10 51 13 00-0061	EA	18" x 21" x 72" Single Tier Athletic Locker	569.59	36.81
		For >25 To 50, Deduct	*-24.80*	
		For >50 To 100, Deduct	*-50.70*	
		For >100, Deduct	*-76.60*	

10 51 13 00-0062 Two Tier Athletic Locker *(10 51 13 00-0047)*

Note: Includes three single hooks and one double hook per tier.

10 51 13 00-0063	EA	12" x 12" x 60" Two Tier Athletic Locker	467.54	37.97
		For >25 To 50, Deduct	*-19.58*	
		For >50 To 100, Deduct	*-40.30*	
		For >100, Deduct	*-61.02*	
10 51 13 00-0064	EA	12" x 15" x 60" Two Tier Athletic Locker	482.97	37.97
		For >25 To 50, Deduct	*-20.35*	
		For >50 To 100, Deduct	*-41.84*	
		For >100, Deduct	*-63.33*	
10 51 13 00-0065	EA	12" x 18" x 60" Two Tier Athletic Locker	500.33	37.97
		For >25 To 50, Deduct	*-21.22*	
		For >50 To 100, Deduct	*-43.58*	
		For >100, Deduct	*-65.94*	
10 51 13 00-0066	EA	15" x 15" x 60" Two Tier Athletic Locker	502.02	37.97
		For >25 To 50, Deduct	*-21.30*	
		For >50 To 100, Deduct	*-43.75*	
		For >100, Deduct	*-66.19*	
10 51 13 00-0067	EA	15" x 18" x 60" Two Tier Athletic Locker	505.64	37.97
		For >25 To 50, Deduct	*-21.49*	
		For >50 To 100, Deduct	*-44.11*	
		For >100, Deduct	*-66.73*	
10 51 13 00-0068	EA	18" x 18" x 60" Two Tier Athletic Locker	536.15	37.97
		For >25 To 50, Deduct	*-23.01*	
		For >50 To 100, Deduct	*-47.16*	
		For >100, Deduct	*-71.31*	
10 51 13 00-0069	EA	18" x 21" x 60" Two Tier Athletic Locker	558.50	37.97
		For >25 To 50, Deduct	*-24.13*	
		For >50 To 100, Deduct	*-49.40*	
		For >100, Deduct	*-74.66*	
10 51 13 00-0070	EA	18" x 24" x 60" Two Tier Athletic Locker	658.32	37.97
		For >25 To 50, Deduct	*-29.12*	
		For >50 To 100, Deduct	*-59.38*	
		For >100, Deduct	*-89.64*	
10 51 13 00-0071	EA	12" x 12" x 72" Two Tier Athletic Locker	484.24	37.97
		For >25 To 50, Deduct	*-20.42*	
		For >50 To 100, Deduct	*-41.97*	
		For >100, Deduct	*-63.52*	
10 51 13 00-0072	EA	12" x 15" x 72" Two Tier Athletic Locker	500.04	37.97
		For >25 To 50, Deduct	*-21.21*	
		For >50 To 100, Deduct	*-43.55*	
		For >100, Deduct	*-65.89*	
10 51 13 00-0073	EA	12" x 18" x 72" Two Tier Athletic Locker	521.58	37.97
		For >25 To 50, Deduct	*-22.28*	
		For >50 To 100, Deduct	*-45.70*	
		For >100, Deduct	*-69.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0074	EA	15" x 15" x 72" Two Tier Athletic Locker	524.85	37.97
		For >25 To 50, Deduct	*-22.45*	
		For >50 To 100, Deduct	*-46.03*	
		For >100, Deduct	*-69.61*	
10 51 13 00-0075	EA	15" x 18" x 72" Two Tier Athletic Locker	542.55	37.97
		For >25 To 50, Deduct	*-23.33*	
		For >50 To 100, Deduct	*-47.80*	
		For >100, Deduct	*-72.27*	
10 51 13 00-0076	EA	18" x 18" x 72" Two Tier Athletic Locker	564.30	37.97
		For >25 To 50, Deduct	*-24.42*	
		For >50 To 100, Deduct	*-49.98*	
		For >100, Deduct	*-75.53*	
10 51 13 00-0077	EA	18" x 21" x 72" Two Tier Athletic Locker	613.10	37.97
		For >25 To 50, Deduct	*-26.86*	
		For >50 To 100, Deduct	*-54.86*	
		For >100, Deduct	*-82.85*	

10 51 13 00-0078 Three Tier Athletic Locker *(10 51 13 00-0047)*

Note: Includes one double hook per tier.

10 51 13 00-0079	EA	12" x 12" x 60" Three Tier Athletic Locker	506.99	39.12
		For >25 To 50, Deduct	*-21.44*	
		For >50 To 100, Deduct	*-44.05*	
		For >100, Deduct	*-66.66*	
10 51 13 00-0080	EA	12" x 15" x 60" Three Tier Athletic Locker	531.99	39.12
		For >25 To 50, Deduct	*-22.69*	
		For >50 To 100, Deduct	*-46.55*	
		For >100, Deduct	*-70.41*	
10 51 13 00-0081	EA	12" x 18" x 60" Three Tier Athletic Locker	554.10	39.12
		For >25 To 50, Deduct	*-23.79*	
		For >50 To 100, Deduct	*-48.76*	
		For >100, Deduct	*-73.73*	
10 51 13 00-0082	EA	15" x 15" x 60" Three Tier Athletic Locker	569.11	39.12
		For >25 To 50, Deduct	*-24.54*	
		For >50 To 100, Deduct	*-50.26*	
		For >100, Deduct	*-75.98*	
10 51 13 00-0083	EA	15" x 18" x 60" Three Tier Athletic Locker	594.11	39.12
		For >25 To 50, Deduct	*-25.79*	
		For >50 To 100, Deduct	*-52.76*	
		For >100, Deduct	*-79.73*	
10 51 13 00-0084	EA	12" x 12" x 72" Three Tier Athletic Locker	535.47	39.12
		For >25 To 50, Deduct	*-22.86*	
		For >50 To 100, Deduct	*-46.90*	
		For >100, Deduct	*-70.93*	
10 51 13 00-0085	EA	12" x 15" x 72" Three Tier Athletic Locker	558.05	39.12
		For >25 To 50, Deduct	*-23.99*	
		For >50 To 100, Deduct	*-49.16*	
		For >100, Deduct	*-74.32*	
10 51 13 00-0086	EA	12" x 18" x 72" Three Tier Athletic Locker	589.21	39.12
		For >25 To 50, Deduct	*-25.55*	
		For >50 To 100, Deduct	*-52.27*	
		For >100, Deduct	*-78.99*	
10 51 13 00-0087	EA	15" x 15" x 72" Three Tier Athletic Locker	605.16	39.12
		For >25 To 50, Deduct	*-26.35*	
		For >50 To 100, Deduct	*-53.87*	
		For >100, Deduct	*-81.39*	
10 51 13 00-0088	EA	15" x 18" x 72" Three Tier Athletic Locker	629.09	39.12
		For >25 To 50, Deduct	*-27.54*	
		For >50 To 100, Deduct	*-56.26*	
		For >100, Deduct	*-84.98*	

10 51 13 00-0089 Four Tier Athletic Locker *(10 51 13 00-0047)*

10 51 13 00-0090	EA	12" x 12" x 60" Four Tier Athletic Locker	466.65	40.26
		For >25 To 50, Deduct	*-19.31*	
		For >50 To 100, Deduct	*-39.82*	
		For >100, Deduct	*-60.33*	
10 51 13 00-0091	EA	12" x 15" x 60" Four Tier Athletic Locker	497.27	40.26
		For >25 To 50, Deduct	*-20.84*	
		For >50 To 100, Deduct	*-42.88*	
		For >100, Deduct	*-64.93*	
10 51 13 00-0092	EA	12" x 18" x 60" Four Tier Athletic Locker	527.90	40.26
		For >25 To 50, Deduct	*-22.37*	
		For >50 To 100, Deduct	*-45.94*	
		For >100, Deduct	*-69.52*	
10 51 13 00-0093	EA	15" x 15" x 60" Four Tier Athletic Locker	540.41	40.26
		For >25 To 50, Deduct	*-22.99*	
		For >50 To 100, Deduct	*-47.20*	
		For >100, Deduct	*-71.40*	
10 51 13 00-0094	EA	15" x 18" x 60" Four Tier Athletic Locker	590.71	40.26
		For >25 To 50, Deduct	*-25.51*	
		For >50 To 100, Deduct	*-52.23*	
		For >100, Deduct	*-78.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0095	EA	12" x 12" x 72" Four Tier Athletic Locker	497.81	40.26
		For >25 To 50, Deduct	*-20.86*	
		For >50 To 100, Deduct	*-42.94*	
		For >100, Deduct	*-65.01*	
10 51 13 00-0096	EA	12" x 15" x 72" Four Tier Athletic Locker	528.87	40.26
		For >25 To 50, Deduct	*-22.42*	
		For >50 To 100, Deduct	*-46.04*	
		For >100, Deduct	*-69.67*	
10 51 13 00-0097	EA	12" x 18" x 72" Four Tier Athletic Locker	559.93	40.26
		For >25 To 50, Deduct	*-23.97*	
		For >50 To 100, Deduct	*-49.15*	
		For >100, Deduct	*-74.32*	
10 51 13 00-0098	EA	15" x 15" x 72" Four Tier Athletic Locker	575.83	40.26
		For >25 To 50, Deduct	*-24.76*	
		For >50 To 100, Deduct	*-50.74*	
		For >100, Deduct	*-76.71*	
10 51 13 00-0099	EA	15" x 18" x 72" Four Tier Athletic Locker	587.77	40.26
		For >25 To 50, Deduct	*-25.36*	
		For >50 To 100, Deduct	*-51.93*	
		For >100, Deduct	*-78.50*	

10 51 13 00-0100 Six Tier Athletic Locker *(10 51 13 00-0047)*

10 51 13 00-0101	EA	12" x 12" x 72" Six Tier Athletic Locker	552.34	41.42
		For >25 To 50, Deduct	*-23.48*	
		For >50 To 100, Deduct	*-48.19*	
		For >100, Deduct	*-72.91*	
10 51 13 00-0102	EA	12" x 15" x 72" Six Tier Athletic Locker	576.20	41.42
		For >25 To 50, Deduct	*-24.67*	
		For >50 To 100, Deduct	*-50.58*	
		For >100, Deduct	*-76.49*	
10 51 13 00-0103	EA	12" x 18" x 72" Six Tier Athletic Locker	600.02	41.42
		For >25 To 50, Deduct	*-25.86*	
		For >50 To 100, Deduct	*-52.96*	
		For >100, Deduct	*-80.06*	
10 51 13 00-0104	EA	12" x 21" x 72" Six Tier Athletic Locker	686.95	41.42
		For >25 To 50, Deduct	*-30.21*	
		For >50 To 100, Deduct	*-61.65*	
		For >100, Deduct	*-93.10*	

10 51 13 00-0105 Metal Locker Accessories *(10 51 13)*

10 51 13 00-0106 Locker Slope Tops *(10 51 13 00-0105)*

10 51 13 00-0107 16 Gauge Continuous Sloping Hood *(10 51 13 00-0106)*

10 51 13 00-0108	LF	12" Deep, 16 Gauge Continuous Slope Top	34.65	4.60
10 51 13 00-0109	LF	15" Deep, 16 Gauge Continuous Slope Top	29.22	4.60
10 51 13 00-0110	LF	18" Deep, 16 Gauge Continuous Slope Top	40.21	4.60
10 51 13 00-0111	LF	21" Deep, 16 Gauge Continuous Slope Top	44.44	4.60
10 51 13 00-0112	LF	24" Deep, 16 Gauge Continuous Slope Top	46.42	4.60

10 51 13 00-0113 16 Gauge Slope Top Corner Fillers *(10 51 13 00-0106)*

10 51 13 00-0114	EA	12" Deep, 16 Gauge Slope Top Corner Fillers	143.75	4.60
10 51 13 00-0115	EA	15" Deep, 16 Gauge Slope Top Corner Fillers	146.84	4.60
10 51 13 00-0116	EA	18" Deep, 16 Gauge Slope Top Corner Fillers	149.90	4.60
10 51 13 00-0117	EA	21" Deep, 16 Gauge Slope Top Corner Fillers	153.62	4.60
10 51 13 00-0118	EA	24" Deep, 16 Gauge Slope Top Corner Fillers	157.30	4.60

10 51 13 00-0119 20 Gauge Individual Slope Top *(10 51 13 00-0106)*

10 51 13 00-0120	EA	12" Wide x 12" Deep 20 Gauge Individual Slope Top	29.76	4.60
10 51 13 00-0121	EA	12" Wide x 15" Deep 20 Gauge Individual Slope Top	29.56	4.60
10 51 13 00-0122	EA	12" Wide x 18" Deep 20 Gauge Individual Slope Top	32.90	4.60
10 51 13 00-0123	EA	15" Wide x 15" Deep 20 Gauge Individual Slope Top	32.90	4.60
10 51 13 00-0124	EA	15" Wide x 18" Deep 20 Gauge Individual Slope Top	33.70	4.60
10 51 13 00-0125	EA	15" Wide x 21" Deep 20 Gauge Individual Slope Top	36.86	4.60
10 51 13 00-0126	EA	18" Wide x 18" Deep 20 Gauge Individual Slope Top	36.86	4.60
10 51 13 00-0127	EA	18" Wide x 21" Deep 20 Gauge Individual Slope Top	41.02	4.60
10 51 13 00-0128	EA	18" Wide x 24" Deep 20 Gauge Individual Slope Top	45.97	4.60

10 51 13 00-0129 Continuous Slope Top End Closures *(10 51 13 00-0106)*

10 51 13 00-0130	PR	12" Deep, Continuous Slope Top End Closures	31.73	4.60
10 51 13 00-0131	PR	15" Deep, Continuous Slope Top End Closures	26.95	4.60
10 51 13 00-0132	PR	18" Deep, Continuous Slope Top End Closures	35.67	4.60
10 51 13 00-0133	PR	21" Deep, Continuous Slope Top End Closures	37.65	4.60
10 51 13 00-0134	PR	24" Deep, Continuous Slope Top End Closures	39.01	4.60

10 51 13 00-0135 Individual Slope Top End Closures *(10 51 13 00-0106)*

10 51 13 00-0136	EA	12" Deep, Individual Slope Top End Closures	20.47	4.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0137	EA	15" Deep, Individual Slope Top End Closures	21.09	4.60
10 51 13 00-0138	EA	18" Deep, Individual Slope Top End Closures	22.46	4.60
10 51 13 00-0139	EA	21" Deep, Individual Slope Top End Closures	23.41	4.60
10 51 13 00-0140	EA	24" Deep, Individual Slope Top End Closures	33.16	4.60
10 51 13 00-0141		Locker Base *(10 51 13 00-0105)*		
10 51 13 00-0142		Closed Front Base *(10 51 13 00-0141)*		
10 51 13 00-0143	EA	12" Wide, 6" High Closed Front Base	21.52	4.60
10 51 13 00-0144	EA	15" Wide, 6" High Closed Front Base	22.56	4.60
10 51 13 00-0145	EA	18" Wide, 6" High Closed Front Base	24.71	4.60
10 51 13 00-0146	EA	24" Wide, 6" High Closed Front Base	25.74	4.60
10 51 13 00-0147		Closed End Base *(10 51 13 00-0141)*		
10 51 13 00-0148	EA	12" Deep, 6" High Closed End Base	24.39	4.60
10 51 13 00-0149	EA	15" Deep, 6" High Closed End Base	24.57	4.60
10 51 13 00-0150	EA	18" Deep, 6" High Closed End Base	25.96	4.60
10 51 13 00-0151	EA	21" Deep, 6" High Closed End Base	27.33	4.60
10 51 13 00-0152	EA	24" Deep, 6" High Closed End Base	29.20	4.60
10 51 13 00-0153		Recessed Continuous Front "Z" Base *(10 51 13 00-0141)*		
10 51 13 00-0154	LF	4" High Recessed Continuous Front "Z" Base	25.63	3.45
10 51 13 00-0155		"Z" Base Ends Or Splice *(10 51 13 00-0141)*		
10 51 13 00-0156	EA	12" Wide, 4" High Z-Base Ends Or Splice	25.50	4.60
10 51 13 00-0157	EA	15" Wide, 4" High Z-Base Ends Or Splice	29.56	4.60
10 51 13 00-0158	EA	18" Wide, 4" High Z-Base Ends Or Splice	33.70	4.60
10 51 13 00-0159	EA	21" Wide, 4" High Z-Base Ends Or Splice	38.05	4.60
10 51 13 00-0160	EA	24" Wide, 4" High Z-Base Ends Or Splice	42.39	4.60
10 51 13 00-0161		Locker Front Fillers And End Panels *(10 51 13 00-0105)*		
10 51 13 00-0162		Locker Front Fillers *(10 51 13 00-0161)*		
10 51 13 00-0163	EA	6" Wide x 48" High, 16 Gauge Front Filler	33.22	5.76
10 51 13 00-0164	EA	12" Wide x 48" High, 16 Gauge Front Filler	53.95	5.76
10 51 13 00-0165	EA	6" Wide x 60" High, 16 Gauge Front Filler	41.73	5.76
10 51 13 00-0166	EA	12" Wide x 60" High, 16 Gauge Front Filler	64.57	5.76
10 51 13 00-0167	EA	6" Wide x 66" High, 16 Gauge Front Filler	45.45	5.76
10 51 13 00-0168	EA	12" Wide x 66" High, 16 Gauge Front Filler	51.10	5.76
10 51 13 00-0169	EA	6" Wide x 72" High, 16 Gauge Front Filler	49.77	5.76
10 51 13 00-0170	EA	12" Wide x 72" High, 16 Gauge Front Filler	70.74	5.76
10 51 13 00-0171	EA	6" Wide x 78" High, 16 Gauge Front Filler	50.96	5.76
10 51 13 00-0172	EA	12" Wide x 78" High, 16 Gauge Front Filler	59.44	5.76
10 51 13 00-0173		Locker End Panels *(10 51 13 00-0161)*		
10 51 13 00-0174	EA	12" Deep x 48" High, 16 Gauge End Panel	54.92	4.60
10 51 13 00-0175	EA	15" Deep x 48" High, 16 Gauge End Panel	67.11	4.60
10 51 13 00-0176	EA	18" Deep x 48" High, 16 Gauge End Panel	78.85	4.60
10 51 13 00-0177	EA	12" Deep x 60" High, 16 Gauge End Panel	64.91	4.60
10 51 13 00-0178	EA	15" Deep x 60" High, 16 Gauge End Panel	73.66	4.60
10 51 13 00-0179	EA	18" Deep x 60" High, 16 Gauge End Panel	87.42	4.60
10 51 13 00-0180	EA	12" Deep x 72" High, 16 Gauge End Panel	76.54	4.60
10 51 13 00-0181	EA	15" Deep x 72" High, 16 Gauge End Panel	87.18	4.60
10 51 13 00-0182	EA	18" Deep x 72" High, 16 Gauge End Panel	101.35	4.60
10 51 13 00-0183	EA	21" Deep x 72" High, 16 Gauge End Panel	116.72	4.60
10 51 13 00-0184		Locker Recessed Trim *(10 51 13 00-0105)*		
10 51 13 00-0185	LF	3" Height, Top Trim For Recessed Lockers	11.22	2.30
10 51 13 00-0186	EA	3" Height, Inside And Outside Top Corner Trim For Recessed Lockers	31.09	4.60
10 51 13 00-0187	EA	60" Height, 3" Wide Side Trim For Recessed Lockers	47.50	4.60
10 51 13 00-0188	EA	66" Height, 3" Wide Side Trim For Recessed Lockers	49.23	4.60
10 51 13 00-0189	EA	72" Height, 3" Wide Side Trim For Recessed Lockers	50.96	4.60
10 51 13 00-0190	EA	78" Height, 3" Wide Side Trim For Recessed Lockers	52.47	4.60
10 51 13 00-0191		Locker Interior Accessories *(10 51 13 00-0105)*		
10 51 13 00-0192		Locker Coat Rods *(10 51 13 00-0191)*		
10 51 13 00-0193	EA	12" Wide Coat Rod	16.66	4.60
10 51 13 00-0194	EA	15" Wide Coat Rod	18.27	4.60
10 51 13 00-0195	EA	18" Wide Coat Rod	19.70	4.60
10 51 13 00-0196	EA	24" Wide Coat Rod	20.96	4.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0197		**Locker Hat Shelf** *(10 51 13 00-0191)*		
10 51 13 00-0198	EA	12" Wide Hat Shelf	20.05	4.60
10 51 13 00-0199	EA	15" Wide Hat Shelf	23.53	4.60
10 51 13 00-0200	EA	18" Wide Hat Shelf	25.00	4.60
10 51 13 00-0201	EA	24" Wide Hat Shelf	30.81	4.60
10 51 13 00-0202		**Locker ADA Compliant Shelf** *(10 51 13 00-0191)*		
10 51 13 00-0203	EA	ADA Compliant Shelf For Single Tier Lockers Note: Includes an ADA label for locker face.	39.71	5.76
10 51 13 00-0204		**Other Interior Locker Accessories** *(10 51 13 00-0191)*		
10 51 13 00-0205	EA	3" x 10" Bent Plate Shoe Rack	52.61	4.60
10 51 13 00-0206	EA	8" x 10" Mirror	41.76	4.60
10 51 13 00-0207	EA	Additional Hook	11.92	4.60
10 51 13 00-0208		**Locker Locks** *(10 51 13 00-0105)*		
10 51 13 00-0209	EA	Built In Combination Lock	45.81	4.60
10 51 13 00-0210		**Steel Basket Racks Mounted On Concrete Base** *(10 51 13)* Note: Includes electroplated baskets with 3/4" x 1" wire mesh sides and bottom with perforated sheet steel front and backs.		
10 51 13 00-0211	EA	9" x 13" x 8" Baskets, 28 Wire Mesh Baskets And Rack	2,147.38	86.28
10 51 13 00-0212	EA	12" x 13" x 8" Baskets, 21 Wire Mesh Baskets And Rack	1,835.38	86.28
10 51 13 00-0213		**All-Welded Steel Lockers** *(10 51 13)*		
10 51 13 00-0214		**All-Welded Steel Lockers** *(10 51 13 00-0213)* Note: Price per frame. Includes diamond perforated, standard louvered or solid doors and sides. Includes all-welded construction with 16 gauge solid top, bottom, and shelves, 14 gauge doors and 4" legs. Includes electrostatically applied enamel powder coat paint finish. Excludes slope top, base fillers, and locks.		
10 51 13 00-0215		**Single Tier, All-Welded Steel Lockers** *(10 51 13 00-0214)* Note: Includes one hat shelf, two single hooks and one double hook.		
10 51 13 00-0216	EA	12" x 12" x 48" Single Tier, All-Welded Steel Locker	214.29	20.14
		For >25 To 50, Deduct	*-9.28*	
		For >50 To 100, Deduct	*-18.98*	
		For >100, Deduct	*-28.69*	
10 51 13 00-0217	EA	12" x 15" x 48" Single Tier, All-Welded Steel Locker	225.25	20.14
		For >25 To 50, Deduct	*-9.82*	
		For >50 To 100, Deduct	*-20.08*	
		For >100, Deduct	*-30.34*	
10 51 13 00-0218	EA	12" x 18" x 48" Single Tier, All-Welded Steel Locker	235.79	20.14
		For >25 To 50, Deduct	*-10.35*	
		For >50 To 100, Deduct	*-21.13*	
		For >100, Deduct	*-31.92*	
10 51 13 00-0219	EA	12" x 12" x 60" Single Tier, All-Welded Steel Locker	223.34	20.14
		For >25 To 50, Deduct	*-9.73*	
		For >50 To 100, Deduct	*-19.89*	
		For >100, Deduct	*-30.05*	
10 51 13 00-0220	EA	12" x 15" x 60" Single Tier, All-Welded Steel Locker	233.88	20.14
		For >25 To 50, Deduct	*-10.26*	
		For >50 To 100, Deduct	*-20.94*	
		For >100, Deduct	*-31.63*	
10 51 13 00-0221	EA	12" x 18" x 60" Single Tier, All-Welded Steel Locker	244.42	20.14
		For >25 To 50, Deduct	*-10.78*	
		For >50 To 100, Deduct	*-22.00*	
		For >100, Deduct	*-33.21*	
10 51 13 00-0222	EA	12" x 12" x 72" Single Tier, All-Welded Steel Locker	235.97	22.15
		For >25 To 50, Deduct	*-10.22*	
		For >50 To 100, Deduct	*-20.91*	
		For >100, Deduct	*-31.60*	
10 51 13 00-0223	EA	12" x 15" x 72" Single Tier, All-Welded Steel Locker	245.73	22.15
		For >25 To 50, Deduct	*-10.70*	
		For >50 To 100, Deduct	*-21.88*	
		For >100, Deduct	*-33.06*	
10 51 13 00-0224	EA	12" x 18" x 72" Single Tier, All-Welded Steel Locker	256.27	22.15
		For >25 To 50, Deduct	*-11.23*	
		For >50 To 100, Deduct	*-22.94*	
		For >100, Deduct	*-34.64*	
10 51 13 00-0225	EA	15" x 15" x 72" Single Tier, All-Welded Steel Locker	266.13	22.15
		For >25 To 50, Deduct	*-11.72*	
		For >50 To 100, Deduct	*-23.92*	
		For >100, Deduct	*-36.12*	
10 51 13 00-0226	EA	15" x 18" x 72" Single Tier, All-Welded Steel Locker	274.25	22.15
		For >25 To 50, Deduct	*-12.13*	
		For >50 To 100, Deduct	*-24.74*	
		For >100, Deduct	*-37.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0227	EA	18" x 18" x 72" Single Tier, All-Welded Steel Locker	285.46	22.15
		For >25 To 50, Deduct	*-12.69*	
		For >50 To 100, Deduct	*-25.86*	
		For >100, Deduct	*-39.02*	
10 51 13 00-0228	EA	18" x 21" x 72" Single Tier, All-Welded Steel Locker	298.07	22.15
		For >25 To 50, Deduct	*-13.32*	
		For >50 To 100, Deduct	*-27.12*	
		For >100, Deduct	*-40.91*	
10 51 13 00-0229	EA	24" x 24" x 72" Single Tier, All-Welded Steel Locker	487.93	22.15
		For >25 To 50, Deduct	*-22.81*	
		For >50 To 100, Deduct	*-46.10*	
		For >100, Deduct	*-69.39*	

10 51 13 00-0230 Two Tier, All-Welded Steel Lockers *(10 51 13 00-0214)*

Note: Includes two single hooks and one double hook per tier.

10 51 13 00-0231	EA	12" x 12" x 60" Two Tier, All-Welded Steel Locker	257.51	20.14
		For >25 To 50, Deduct	*-11.44*	
		For >50 To 100, Deduct	*-23.31*	
		For >100, Deduct	*-35.18*	
10 51 13 00-0232	EA	12" x 15" x 60" Two Tier, All-Welded Steel Locker	262.36	20.14
		For >25 To 50, Deduct	*-11.68*	
		For >50 To 100, Deduct	*-23.79*	
		For >100, Deduct	*-35.90*	
10 51 13 00-0233	EA	12" x 18" x 60" Two Tier, All-Welded Steel Locker	275.34	20.14
		For >25 To 50, Deduct	*-12.33*	
		For >50 To 100, Deduct	*-25.09*	
		For >100, Deduct	*-37.85*	
10 51 13 00-0234	EA	12" x 12" x 72" Two Tier, All-Welded Steel Locker	268.47	22.15
		For >25 To 50, Deduct	*-11.84*	
		For >50 To 100, Deduct	*-24.16*	
		For >100, Deduct	*-36.47*	
10 51 13 00-0235	EA	12" x 15" x 72" Two Tier, All-Welded Steel Locker	286.37	22.15
		For >25 To 50, Deduct	*-12.74*	
		For >50 To 100, Deduct	*-25.95*	
		For >100, Deduct	*-39.16*	
10 51 13 00-0236	EA	12" x 18" x 72" Two Tier, All-Welded Steel Locker	296.13	22.15
		For >25 To 50, Deduct	*-13.22*	
		For >50 To 100, Deduct	*-26.92*	
		For >100, Deduct	*-40.62*	
10 51 13 00-0237	EA	15" x 15" x 72" Two Tier, All-Welded Steel Locker	310.04	22.15
		For >25 To 50, Deduct	*-13.92*	
		For >50 To 100, Deduct	*-28.31*	
		For >100, Deduct	*-42.71*	
10 51 13 00-0238	EA	15" x 18" x 72" Two Tier, All-Welded Steel Locker	316.58	22.15
		For >25 To 50, Deduct	*-14.25*	
		For >50 To 100, Deduct	*-28.97*	
		For >100, Deduct	*-43.69*	
10 51 13 00-0239	EA	18" x 18" x 72" Two Tier, All-Welded Steel Locker	335.45	22.15
		For >25 To 50, Deduct	*-15.19*	
		For >50 To 100, Deduct	*-30.86*	
		For >100, Deduct	*-46.52*	
10 51 13 00-0240	EA	18" x 21" x 72" Two Tier, All-Welded Steel Locker	350.07	22.15
		For >25 To 50, Deduct	*-15.92*	
		For >50 To 100, Deduct	*-32.32*	
		For >100, Deduct	*-48.71*	

10 51 13 00-0241 Three Tier, All-Welded Steel Lockers *(10 51 13 00-0214)*

Note: Includes two single hooks and one double hook per tier.

10 51 13 00-0242	EA	12" x 12" x 72" Three Tier, All-Welded Steel Locker	318.90	22.15
		For >25 To 50, Deduct	*-14.36*	
		For >50 To 100, Deduct	*-29.20*	
		For >100, Deduct	*-44.04*	
10 51 13 00-0243	EA	12" x 15" x 72" Three Tier, All-Welded Steel Locker	326.23	22.15
		For >25 To 50, Deduct	*-14.73*	
		For >50 To 100, Deduct	*-29.93*	
		For >100, Deduct	*-45.14*	
10 51 13 00-0244	EA	12" x 18" x 72" Three Tier, All-Welded Steel Locker	333.52	22.15
		For >25 To 50, Deduct	*-15.09*	
		For >50 To 100, Deduct	*-30.66*	
		For >100, Deduct	*-46.23*	
10 51 13 00-0245	EA	15" x 15" x 72" Three Tier, All-Welded Steel Locker	350.77	22.15
		For >25 To 50, Deduct	*-15.96*	
		For >50 To 100, Deduct	*-32.39*	
		For >100, Deduct	*-48.82*	
10 51 13 00-0246	EA	15" x 18" x 72" Three Tier, All-Welded Steel Locker	353.95	22.15
		For >25 To 50, Deduct	*-16.12*	
		For >50 To 100, Deduct	*-32.71*	
		For >100, Deduct	*-49.30*	

10 51 13 00-0247 Four Tier, All-Welded Steel Lockers *(10 51 13 00-0214)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0248	EA	12" x 12" x 72" Four Tier, All-Welded Steel Locker	301.50	22.15
		For >25 To 50, Deduct	*-13.49*	
		For >50 To 100, Deduct	*-27.46*	
		For >100, Deduct	*-41.43*	
10 51 13 00-0249	EA	12" x 15" x 72" Four Tier, All-Welded Steel Locker	308.43	22.15
		For >25 To 50, Deduct	*-13.84*	
		For >50 To 100, Deduct	*-28.15*	
		For >100, Deduct	*-42.47*	
10 51 13 00-0250	EA	12" x 18" x 72" Four Tier, All-Welded Steel Locker	315.31	22.15
		For >25 To 50, Deduct	*-14.18*	
		For >50 To 100, Deduct	*-28.84*	
		For >100, Deduct	*-43.50*	
10 51 13 00-0251	EA	15" x 15" x 72" Four Tier, All-Welded Steel Locker	331.54	22.15
		For >25 To 50, Deduct	*-15.00*	
		For >50 To 100, Deduct	*-30.46*	
		For >100, Deduct	*-45.93*	
10 51 13 00-0252	EA	15" x 18" x 72" Four Tier, All-Welded Steel Locker	334.49	22.15
		For >25 To 50, Deduct	*-15.14*	
		For >50 To 100, Deduct	*-30.76*	
		For >100, Deduct	*-46.38*	

10 51 13 00-0253 Six Tier, All-Welded Steel Lockers *(10 51 13 00-0214)*

10 51 13 00-0254	EA	12" x 12" x 72" Six Tier, All-Welded Steel Locker	312.28	22.15
		For >25 To 50, Deduct	*-14.03*	
		For >50 To 100, Deduct	*-28.54*	
		For >100, Deduct	*-43.05*	
10 51 13 00-0255	EA	12" x 15" x 72" Six Tier, All-Welded Steel Locker	322.39	22.15
		For >25 To 50, Deduct	*-14.54*	
		For >50 To 100, Deduct	*-29.55*	
		For >100, Deduct	*-44.56*	
10 51 13 00-0256	EA	12" x 18" x 72" Six Tier, All-Welded Steel Locker	329.82	22.15
		For >25 To 50, Deduct	*-14.91*	
		For >50 To 100, Deduct	*-30.29*	
		For >100, Deduct	*-45.68*	

10 51 13 00-0257 All Welded Locker Accessories *(10 51 13 00-0213)*

10 51 13 00-0258	EA	ADA Requirements For All Welded Lockers	135.20	
10 51 13 00-0259	EA	Solid Boxed End Panel For 12" Deep All Welded Lockers	217.81	4.60
10 51 13 00-0260	EA	Solid Boxed End Panel For 15" Deep All Welded Lockers	252.58	4.60
10 51 13 00-0261	EA	Recessed Trim For All Welded Lockers	153.43	4.60
10 51 13 00-0262	EA	Built In Combination Lock For All Welded Lockers	45.81	4.60
10 51 13 00-0263	EA	Pad Lock For All Welded Lockers	41.40	4.60

10 51 26 Plastic Lockers *(10 51)*

10 51 26 00-0001 Solid Plastic Lockers *(10 51 26)*

Note: Price per frame. High-density polyethylene with homogeneous color throughout. Includes 1/2" door, 3/8" sides, tops, bottoms, rears and shelves. Excludes slope top, base, and locks.

10 51 26 00-0002 Single Tier Solid Plastic Lockers *(10 51 26 00-0001)*

Note: Includes one double hook per tier.

10 51 26 00-0003	EA	12" x 12" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	629.60	35.66
		For >50 To 100, Deduct	*-55.83*	
		For >100, Deduct	*-85.88*	
10 51 26 00-0004	EA	12" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	640.80	35.66
		For >50 To 100, Deduct	*-56.95*	
		For >100, Deduct	*-87.56*	
10 51 26 00-0005	EA	12" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	652.01	35.66
		For >50 To 100, Deduct	*-58.07*	
		For >100, Deduct	*-89.24*	
10 51 26 00-0006	EA	15" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	668.80	35.66
		For >50 To 100, Deduct	*-59.75*	
		For >100, Deduct	*-91.76*	
10 51 26 00-0007	EA	15" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	651.04	35.66
		For >50 To 100, Deduct	*-57.97*	
		For >100, Deduct	*-89.10*	
10 51 26 00-0008	EA	18" x 12" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	655.75	35.66
		For >50 To 100, Deduct	*-58.44*	
		For >100, Deduct	*-89.80*	
10 51 26 00-0009	EA	18" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	647.46	35.66
		For >50 To 100, Deduct	*-57.61*	
		For >100, Deduct	*-88.56*	
10 51 26 00-0010	EA	18" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	693.71	35.66
		For >50 To 100, Deduct	*-62.24*	
		For >100, Deduct	*-95.50*	
10 51 26 00-0011	EA	12" x 12" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	683.04	35.66
		For >50 To 100, Deduct	*-61.17*	
		For >100, Deduct	*-93.90*	
10 51 26 00-0012	EA	12" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	695.48	35.66
		For >50 To 100, Deduct	*-62.42*	
		For >100, Deduct	*-95.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0013	EA	12" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	707.93	35.66
		For >50 To 100, Deduct	*-63.66*	
		For >100, Deduct	*-97.63*	
10 51 26 00-0014	EA	15" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	736.39	35.66
		For >50 To 100, Deduct	*-66.51*	
		For >100, Deduct	*-101.90*	
10 51 26 00-0015	EA	15" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	775.51	35.66
		For >50 To 100, Deduct	*-70.42*	
		For >100, Deduct	*-107.77*	
10 51 26 00-0016	EA	18" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	739.93	35.66
		For >50 To 100, Deduct	*-66.86*	
		For >100, Deduct	*-102.43*	
10 51 26 00-0017	EA	18" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	803.95	35.66
		For >50 To 100, Deduct	*-73.26*	
		For >100, Deduct	*-112.03*	
10 51 26 00-0018	EA	12" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	688.00	35.66
		For >50 To 100, Deduct	*-61.67*	
		For >100, Deduct	*-94.64*	
10 51 26 00-0019	EA	12" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	724.48	35.66
		For >50 To 100, Deduct	*-65.32*	
		For >100, Deduct	*-100.11*	
10 51 26 00-0020	EA	12" x 18" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	760.98	35.66
		For >50 To 100, Deduct	*-68.97*	
		For >100, Deduct	*-105.59*	
10 51 26 00-0021	EA	15" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	734.25	35.66
		For >50 To 100, Deduct	*-66.29*	
		For >100, Deduct	*-101.58*	
10 51 26 00-0022	EA	15" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	772.91	35.66
		For >50 To 100, Deduct	*-70.16*	
		For >100, Deduct	*-107.38*	
10 51 26 00-0023	EA	15" x 18" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	811.60	35.66
		For >50 To 100, Deduct	*-74.03*	
		For >100, Deduct	*-113.18*	
10 51 26 00-0024	EA	18" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	780.49	35.66
		For >50 To 100, Deduct	*-70.92*	
		For >100, Deduct	*-108.51*	
10 51 26 00-0025	EA	18" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	821.37	35.66
		For >50 To 100, Deduct	*-75.00*	
		For >100, Deduct	*-114.65*	
10 51 26 00-0026	EA	12" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	787.19	36.81
		For >50 To 100, Deduct	*-71.36*	
		For >100, Deduct	*-109.24*	
10 51 26 00-0027	EA	12" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	828.09	36.81
		For >50 To 100, Deduct	*-75.45*	
		For >100, Deduct	*-115.38*	
10 51 26 00-0028	EA	12" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	868.95	36.81
		For >50 To 100, Deduct	*-79.53*	
		For >100, Deduct	*-121.51*	
10 51 26 00-0029	EA	15" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	840.27	36.81
		For >50 To 100, Deduct	*-76.66*	
		For >100, Deduct	*-117.20*	
10 51 26 00-0030	EA	15" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	883.41	36.81
		For >50 To 100, Deduct	*-80.98*	
		For >100, Deduct	*-123.68*	
10 51 26 00-0031	EA	15" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	926.49	36.81
		For >50 To 100, Deduct	*-85.29*	
		For >100, Deduct	*-130.14*	
10 51 26 00-0032	EA	18" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	882.58	36.81
		For >50 To 100, Deduct	*-80.90*	
		For >100, Deduct	*-123.55*	
10 51 26 00-0033	EA	18" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	938.67	36.81
		For >50 To 100, Deduct	*-86.50*	
		For >100, Deduct	*-131.96*	
10 51 26 00-0034	EA	18" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	983.97	36.81
		For >50 To 100, Deduct	*-91.03*	
		For >100, Deduct	*-138.76*	

10 51 26 00-0035 Double Tier Solid Plastic Lockers *(10 51 26 00-0001)*

Note: Includes one double hook per tier.

10 51 26 00-0036	EA	12" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	706.68	36.81
		For >50 To 100, Deduct	*-63.31*	
		For >100, Deduct	*-97.17*	
10 51 26 00-0037	EA	12" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	717.35	36.81
		For >50 To 100, Deduct	*-64.37*	
		For >100, Deduct	*-98.77*	
10 51 26 00-0038	EA	12" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	733.34	36.81
		For >50 To 100, Deduct	*-65.97*	
		For >100, Deduct	*-101.17*	
10 51 26 00-0039	EA	15" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	728.02	36.81
		For >50 To 100, Deduct	*-65.44*	
		For >100, Deduct	*-100.37*	
10 51 26 00-0040	EA	15" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	756.47	36.81
		For >50 To 100, Deduct	*-68.28*	
		For >100, Deduct	*-104.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0041	EA	15" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	824.03	36.81
		For >50 To 100, Deduct	*-75.04*	
		For >100, Deduct	*-114.77*	
10 51 26 00-0042	EA	18" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	735.14	36.81
		For >50 To 100, Deduct	*-66.15*	
		For >100, Deduct	*-101.44*	
10 51 26 00-0043	EA	18" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	769.55	36.81
		For >50 To 100, Deduct	*-69.59*	
		For >100, Deduct	*-106.60*	
10 51 26 00-0044	EA	18" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	831.16	36.81
		For >50 To 100, Deduct	*-75.75*	
		For >100, Deduct	*-115.84*	
10 51 26 00-0045	EA	12" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	731.15	36.81
		For >50 To 100, Deduct	*-65.75*	
		For >100, Deduct	*-100.84*	
10 51 26 00-0046	EA	12" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	786.85	36.81
		For >50 To 100, Deduct	*-71.32*	
		For >100, Deduct	*-109.19*	
10 51 26 00-0047	EA	12" x 18" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	802.77	36.81
		For >50 To 100, Deduct	*-72.91*	
		For >100, Deduct	*-111.58*	
10 51 26 00-0048	EA	15" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	796.16	36.81
		For >50 To 100, Deduct	*-72.25*	
		For >100, Deduct	*-110.59*	
10 51 26 00-0049	EA	15" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	833.08	36.81
		For >50 To 100, Deduct	*-75.95*	
		For >100, Deduct	*-116.13*	
10 51 26 00-0050	EA	18" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	840.29	36.81
		For >50 To 100, Deduct	*-76.67*	
		For >100, Deduct	*-117.21*	
10 51 26 00-0051	EA	18" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	879.32	36.81
		For >50 To 100, Deduct	*-80.57*	
		For >100, Deduct	*-123.06*	
10 51 26 00-0052	EA	18" x 18" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	918.35	36.81
		For >50 To 100, Deduct	*-84.47*	
		For >100, Deduct	*-128.92*	
10 51 26 00-0053	EA	12" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	846.80	37.97
		For >50 To 100, Deduct	*-77.09*	
		For >100, Deduct	*-117.91*	
10 51 26 00-0054	EA	12" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	885.83	37.97
		For >50 To 100, Deduct	*-80.99*	
		For >100, Deduct	*-123.76*	
10 51 26 00-0055	EA	12" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	906.17	37.97
		For >50 To 100, Deduct	*-83.02*	
		For >100, Deduct	*-126.81*	
10 51 26 00-0056	EA	15" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	897.47	37.97
		For >50 To 100, Deduct	*-82.15*	
		For >100, Deduct	*-125.51*	
10 51 26 00-0057	EA	15" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	938.64	37.97
		For >50 To 100, Deduct	*-86.27*	
		For >100, Deduct	*-131.68*	
10 51 26 00-0058	EA	15" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	979.78	37.97
		For >50 To 100, Deduct	*-90.39*	
		For >100, Deduct	*-137.86*	
10 51 26 00-0059	EA	18" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	904.83	37.97
		For >50 To 100, Deduct	*-82.89*	
		For >100, Deduct	*-126.61*	
10 51 26 00-0060	EA	18" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	991.40	37.97
		For >50 To 100, Deduct	*-91.55*	
		For >100, Deduct	*-139.60*	
10 51 26 00-0061	EA	18" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	1,034.63	37.97
		For >50 To 100, Deduct	*-95.87*	
		For >100, Deduct	*-146.08*	

10 51 26 00-0062 Triple Tier Solid Plastic Lockers *(10 51 26 00-0001)*

Note: Includes one double hook per tier.

10 51 26 00-0063	EA	12" x 12" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	695.64	37.97
		For >50 To 100, Deduct	*-61.97*	
		For >100, Deduct	*-95.23*	
10 51 26 00-0064	EA	15" x 15" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	724.92	37.97
		For >50 To 100, Deduct	*-64.90*	
		For >100, Deduct	*-99.63*	
10 51 26 00-0065	EA	15" x 18" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	751.78	37.97
		For >50 To 100, Deduct	*-67.59*	
		For >100, Deduct	*-103.66*	
10 51 26 00-0066	EA	12" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	756.98	37.97
		For >50 To 100, Deduct	*-68.11*	
		For >100, Deduct	*-104.44*	
10 51 26 00-0067	EA	12" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	819.55	37.97
		For >50 To 100, Deduct	*-74.36*	
		For >100, Deduct	*-113.82*	
10 51 26 00-0068	EA	12" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	819.85	37.97
		For >50 To 100, Deduct	*-74.39*	
		For >100, Deduct	*-113.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0069	EA	15" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	853.99	37.97
		For >50 To 100, Deduct	*-77.81*	
		For >100, Deduct	*-118.99*	
10 51 26 00-0070	EA	15" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	888.28	37.97
		For >50 To 100, Deduct	*-81.24*	
		For >100, Deduct	*-124.13*	
10 51 26 00-0071	EA	15" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	922.55	37.97
		For >50 To 100, Deduct	*-84.66*	
		For >100, Deduct	*-129.27*	
10 51 26 00-0072	EA	18" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	894.99	37.97
		For >50 To 100, Deduct	*-81.91*	
		For >100, Deduct	*-125.14*	
10 51 26 00-0073	EA	18" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	931.22	37.97
		For >50 To 100, Deduct	*-85.53*	
		For >100, Deduct	*-130.57*	
10 51 26 00-0074	EA	18" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	967.46	37.97
		For >50 To 100, Deduct	*-89.15*	
		For >100, Deduct	*-136.01*	
10 51 26 00-0075	EA	12" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	901.18	39.12
		For >50 To 100, Deduct	*-82.30*	
		For >100, Deduct	*-125.79*	
10 51 26 00-0076	EA	12" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	937.44	39.12
		For >50 To 100, Deduct	*-85.92*	
		For >100, Deduct	*-131.23*	
10 51 26 00-0077	EA	12" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	962.88	39.12
		For >50 To 100, Deduct	*-88.47*	
		For >100, Deduct	*-135.04*	
10 51 26 00-0078	EA	15" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	948.23	39.12
		For >50 To 100, Deduct	*-87.00*	
		For >100, Deduct	*-132.85*	
10 51 26 00-0079	EA	15" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	959.72	39.12
		For >50 To 100, Deduct	*-88.15*	
		For >100, Deduct	*-134.57*	
10 51 26 00-0080	EA	15" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	1,001.13	39.12
		For >50 To 100, Deduct	*-92.29*	
		For >100, Deduct	*-140.78*	
10 51 26 00-0081	EA	18" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	931.77	39.12
		For >50 To 100, Deduct	*-85.35*	
		For >100, Deduct	*-130.38*	
10 51 26 00-0082	EA	18" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	1,015.98	39.12
		For >50 To 100, Deduct	*-93.78*	
		For >100, Deduct	*-143.01*	
10 51 26 00-0083	EA	18" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	1,075.59	39.12
		For >50 To 100, Deduct	*-99.74*	
		For >100, Deduct	*-151.95*	
10 51 26 00-0084		**Four Tier Solid Plastic Lockers** *(10 51 26 00-0001)*		
10 51 26 00-0085	EA	12" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	809.07	39.12
		For >50 To 100, Deduct	*-73.08*	
		For >100, Deduct	*-111.97*	
10 51 26 00-0086	EA	12" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	832.84	39.12
		For >50 To 100, Deduct	*-75.46*	
		For >100, Deduct	*-115.54*	
10 51 26 00-0087	EA	12" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	876.66	39.12
		For >50 To 100, Deduct	*-79.84*	
		For >100, Deduct	*-122.11*	
10 51 26 00-0088	EA	15" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	871.31	39.12
		For >50 To 100, Deduct	*-79.31*	
		For >100, Deduct	*-121.31*	
10 51 26 00-0089	EA	15" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	928.08	39.12
		For >50 To 100, Deduct	*-84.99*	
		For >100, Deduct	*-129.82*	
10 51 26 00-0090	EA	15" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	945.99	39.12
		For >50 To 100, Deduct	*-86.78*	
		For >100, Deduct	*-132.51*	
10 51 26 00-0091	EA	18" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	937.10	39.12
		For >50 To 100, Deduct	*-85.89*	
		For >100, Deduct	*-131.18*	
10 51 26 00-0092	EA	18" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	967.33	39.12
		For >50 To 100, Deduct	*-88.91*	
		For >100, Deduct	*-135.71*	
10 51 26 00-0093	EA	18" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,054.48	39.12
		For >50 To 100, Deduct	*-97.63*	
		For >100, Deduct	*-148.78*	
10 51 26 00-0094	EA	12" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	932.21	40.26
		For >50 To 100, Deduct	*-85.17*	
		For >100, Deduct	*-130.17*	
10 51 26 00-0095	EA	12" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	974.35	40.26
		For >50 To 100, Deduct	*-89.38*	
		For >100, Deduct	*-136.49*	
10 51 26 00-0096	EA	12" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	979.84	40.26
		For >50 To 100, Deduct	*-89.93*	
		For >100, Deduct	*-137.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0097	EA	15" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,032.95	40.26
		For >50 To 100, Deduct	*-95.24*	
		For >100, Deduct	*-145.28*	
10 51 26 00-0098	EA	15" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	983.81	40.26
		For >50 To 100, Deduct	*-90.33*	
		For >100, Deduct	*-137.91*	
10 51 26 00-0099	EA	15" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,028.33	40.26
		For >50 To 100, Deduct	*-94.78*	
		For >100, Deduct	*-144.58*	
10 51 26 00-0100	EA	18" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	982.10	40.26
		For >50 To 100, Deduct	*-90.16*	
		For >100, Deduct	*-137.65*	
10 51 26 00-0101	EA	18" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,035.45	40.26
		For >50 To 100, Deduct	*-95.49*	
		For >100, Deduct	*-145.65*	
10 51 26 00-0102	EA	18" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,115.38	40.26
		For >50 To 100, Deduct	*-103.48*	
		For >100, Deduct	*-157.64*	

10 51 26 00-0103 Five Tier Solid Plastic Lockers *(10 51 26 00-0001)*

10 51 26 00-0104	EA	12" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	880.36	39.69
		For >50 To 100, Deduct	*-80.10*	
		For >100, Deduct	*-122.53*	
10 51 26 00-0105	EA	12" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	909.79	39.69
		For >50 To 100, Deduct	*-83.04*	
		For >100, Deduct	*-126.94*	
10 51 26 00-0106	EA	12" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	939.22	39.69
		For >50 To 100, Deduct	*-85.98*	
		For >100, Deduct	*-131.36*	
10 51 26 00-0107	EA	15" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	920.48	39.69
		For >50 To 100, Deduct	*-84.11*	
		For >100, Deduct	*-128.55*	
10 51 26 00-0108	EA	15" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	973.19	39.69
		For >50 To 100, Deduct	*-89.38*	
		For >100, Deduct	*-136.45*	
10 51 26 00-0109	EA	15" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	998.71	39.69
		For >50 To 100, Deduct	*-91.93*	
		For >100, Deduct	*-140.28*	
10 51 26 00-0110	EA	18" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	989.82	39.69
		For >50 To 100, Deduct	*-91.04*	
		For >100, Deduct	*-138.95*	
10 51 26 00-0111	EA	18" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,018.27	39.69
		For >50 To 100, Deduct	*-93.89*	
		For >100, Deduct	*-143.21*	
10 51 26 00-0112	EA	18" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,110.74	39.69
		For >50 To 100, Deduct	*-103.14*	
		For >100, Deduct	*-157.09*	
10 51 26 00-0113	EA	12" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	960.81	40.84
		For >50 To 100, Deduct	*-87.91*	
		For >100, Deduct	*-134.32*	
10 51 26 00-0114	EA	12" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	993.82	40.84
		For >50 To 100, Deduct	*-91.21*	
		For >100, Deduct	*-139.27*	
10 51 26 00-0115	EA	12" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,026.79	40.84
		For >50 To 100, Deduct	*-94.51*	
		For >100, Deduct	*-144.22*	
10 51 26 00-0116	EA	15" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,015.25	40.84
		For >50 To 100, Deduct	*-93.36*	
		For >100, Deduct	*-142.49*	
10 51 26 00-0117	EA	15" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,038.46	40.84
		For >50 To 100, Deduct	*-95.68*	
		For >100, Deduct	*-145.97*	
10 51 26 00-0118	EA	15" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,073.21	40.84
		For >50 To 100, Deduct	*-99.15*	
		For >100, Deduct	*-151.18*	
10 51 26 00-0119	EA	18" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,046.50	40.84
		For >50 To 100, Deduct	*-96.48*	
		For >100, Deduct	*-147.17*	
10 51 26 00-0120	EA	18" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,086.36	40.84
		For >50 To 100, Deduct	*-100.47*	
		For >100, Deduct	*-153.15*	
10 51 26 00-0121	EA	18" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,132.61	40.84
		For >50 To 100, Deduct	*-105.09*	
		For >100, Deduct	*-160.09*	

10 51 26 00-0122 Six Tier Solid Plastic Lockers *(10 51 26 00-0001)*

10 51 26 00-0123	EA	15" x 12" x 60" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,016.01	40.26
		For >50 To 100, Deduct	*-93.55*	
		For >100, Deduct	*-142.74*	
10 51 26 00-0124	EA	12" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	996.79	41.42
		For >50 To 100, Deduct	*-91.40*	
		For >100, Deduct	*-139.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0125	EA	12" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,029.74	41.42
		For >50 To 100, Deduct	*-94.69*	
		For >100, Deduct	*-144.52*	
10 51 26 00-0126	EA	12" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,051.74	41.42
		For >50 To 100, Deduct	*-96.89*	
		For >100, Deduct	*-147.82*	
10 51 26 00-0127	EA	15" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,095.67	41.42
		For >50 To 100, Deduct	*-101.28*	
		For >100, Deduct	*-154.41*	
10 51 26 00-0128	EA	15" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,108.51	41.42
		For >50 To 100, Deduct	*-102.57*	
		For >100, Deduct	*-156.34*	
10 51 26 00-0129	EA	15" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,117.67	41.42
		For >50 To 100, Deduct	*-103.48*	
		For >100, Deduct	*-157.71*	
10 51 26 00-0130	EA	18" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,121.31	41.42
		For >50 To 100, Deduct	*-103.85*	
		For >100, Deduct	*-158.26*	
10 51 26 00-0131	EA	18" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,161.61	41.42
		For >50 To 100, Deduct	*-107.88*	
		For >100, Deduct	*-164.30*	
10 51 26 00-0132	EA	18" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,214.73	41.42
		For >50 To 100, Deduct	*-113.19*	
		For >100, Deduct	*-172.27*	

10 51 26 00-0133 Solid Plastic Locker Accessories *(10 51 26 00-0001)*

10 51 26 00-0134 Slope Tops For Solid Plastic Lockers *(10 51 26 00-0133)*

Note: Price per frame.

10 51 26 00-0135	EA	Slope Top For Solid Plastic Lockers (Tufftec Lockers®)	47.27

10 51 26 00-0136 Recessed Bases For Solid Plastic Lockers *(10 51 26 00-0133)*

Note: Price per frame.

10 51 26 00-0137	EA	Recessed Base For Solid Plastic Lockers (Tufftec Lockers®)	52.01

10 51 26 00-0138 End Panels For Solid Plastic Lockers *(10 51 26 00-0133)*

Note: Price per frame.

10 51 26 00-0139	EA	End Panel For Solid Plastic Lockers (Tufftec Lockers®)	120.98

10 51 26 00-0140 Venting Options For Solid Plastic Locker Doors *(10 51 26 00-0133)*

Note: Price per frame.

10 51 26 00-0141	EA	Horizontal Venting Option For Solid Plastic Locker Doors	47.56

10 51 26 00-0142 Filler Panels For Solid Plastic Lockers *(10 51 26 00-0133)*

10 51 26 00-0143	EA	Up To 6" Width, Filler Panel For Solid Plastic Lockers (Tufftec Lockers®) Note: Full locker height. Width and height cut to size in the field.	123.88

10 51 26 00-0144 Locker Accessories For Solid Plastic Lockers *(10 51 26 00-0133)*

10 51 26 00-0145	EA	Built In Hasp For Solid Plastic Lockers Note: For removable padlocks. Excludes padlock.	11.88
10 51 26 00-0146	EA	Built In Combination Lock For Solid Plastic Lockers	35.68
10 51 26 00-0147	EA	Built In Key Lock For Solid Plastic Lockers	47.56

10 51 53 Locker Room Benches *(10 51)*

10 51 53 00-0001	LF	9-1/2" Wide Top, 17" To 19" Height, Hardwood Bench With Aluminum Pedestals	117.21	5.76
10 51 53 00-0002	LF	9-1/2" Wide Top, 17" To 19" Height, Hardwood Bench With Painted Steel Pedestals	93.25	5.76
10 51 53 00-0003	LF	9-1/2" Wide Top, 17" To 19" Height, Plastic Laminated Bench With Steel Pedestals	143.23	5.76
10 51 53 00-0004	LF	9-1/2" Wide Top, 17" To 19" Height, Solid Plastic Bench With Steel Pedestals	136.82	5.76
10 51 53 00-0005	LF	9-1/2" Wide Top, 17" To 19" Height, Aluminum Bench With Aluminum Pedestals	105.96	5.76

10 55 Postal Specialties *(10 50)*

10 55 23 Mail Boxes *(10 55)*

10 55 23 26 Commercial Mail Boxes *(10 55 23)*

10 55 23 26-0001 Commercial Letter Boxes *(10 55 23 26)*

Note: Includes locks and keys unless provided by the United States Postal Service.

10 55 23 26-0002	EA	15" Wide x 19" High x 7-1/2" Deep, US Postal Service Approved, Surface Mount, Aluminum Letter Box (Salsbury 2240AU)	426.99	17.26
10 55 23 26-0003	EA	15" Wide x 19" High x 6-3/4" Deep, Private Use/Access, Recessed Mount, Aluminum Letter Box (Salsbury 2245AP)	494.27	17.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 55 23 26-0004		**Commercial Horizontal Mail Boxes** *(10 55 23 26)* Note: Includes locks and keys unless provided by the United States Postal Service.		
10 55 23 26-0005	BOX	5-1/2" Wide x 5-1/2" High x 15-1/2" Deep, Private Use/Access, Wall Mount, Aluminum Horizontal Mail Boxes, Per Box	83.54	17.26
10 55 23 26-0006	BOX	10-3/4" Wide x 5-1/2" High x 15-1/2" Deep, Private Use/Access, Wall Mount, Aluminum Horizontal Mail Boxes, Per Box	179.57	23.00
10 55 23 26-0007	BOX	6-3/8" Wide x 5" High x 17" Deep, US Postal Service Approved, Wall Mount, Aluminum Horizontal Mail Boxes, Per Box	108.52	14.38
10 55 23 26-0008	BOX	12-7/8" Wide x 5" High x 17" Deep, US Postal Service Approved, Wall Mount, Aluminum Horizontal Mail Boxes, Per Box	168.53	23.00
10 55 23 26-0009		**Commercial Cluster Mail Boxes** *(10 55 23 26)* Note: Includes locks and keys unless provided by the United States Postal Service. Includes pedestal. Excludes concrete foundation.		
10 55 23 26-0010	EA	13-15/16 Wide" x 24-1/8" High x 15" Deep, Pedestal Mount, Aluminum (NDCBU) Neighborhood Delivery And Collection Mail Box (National Mailboxes H8MNDCBU5) Note: Any door combination.	2,205.19	34.52
10 55 23 26-0011	EA	26-15/16" Wide x 24-1/8" High x 15" Deep, Pedestal Mount, Aluminum (NDCBU) Neighborhood Delivery And Collection Mail Box (National Mailboxes H16MNDCBU8) Note: Any door combination.	2,611.71	46.02
10 55 23 26-0012	EA	30-1/2" Wide x 62" High x 17-7/8" Deep, 8 Tenant Doors, 2 Parcel Lockers, Pedestal Mount, Aluminum And Stainless Steel Construction, (CBU) Cluster Mail Box (AF Florence Vital 1570-8)	3,487.83	46.02
10 55 23 26-0013	EA	30-1/2" Wide x 62" High x 17-7/8" Deep, 12 Tenant Doors, 1 Parcel Locker, Pedestal Mount, Aluminum And Stainless Steel Construction, (CBU) Cluster Mail Box (AF Florence Vital 1570-12)	3,599.96	46.02
10 55 23 26-0014	EA	30-1/2" Wide x 62" High x 17-7/8" Deep, 16 Tenant Doors, 2 Parcel Lockers, Pedestal Mount, Aluminum And Stainless Steel Construction, (CBU) Cluster Mail Box (AF Florence Vital 1570-16)	3,768.17	46.02
10 55 23 26-0015		**Commercial 4C Mail Boxes** *(10 55 23 26)* Note: Includes locks and keys unless provided by the United States Postal Service.		
10 55 23 26-0016	EA	31-9/16" Wide x 40-3/4" High x 17" Deep, 9 Doors, Recessed Wall Mount, Aluminum 4C Mail Box (AF Florence 4C11S-09)	1,884.30	46.02
10 55 23 26-0017	EA	31-9/16" Wide x 40-3/4" High x 17" Deep, 15 Doors, 1 Parcel Locker, Recessed Wall Mount, Aluminum 4C Mail Box (AF Florence 4C11D-15)	3,325.44	46.02
10 55 23 26-0018	EA	31-9/16" Wide x 40-3/4" High x 17" Deep, 19 Doors, Recessed Wall Mount, Aluminum 4C Mail Box (AF Florence 4C11D-19)	3,460.00	46.02
10 55 26		**Parcel Lockers** *(10 55)*		
10 55 26 00-0001		**Parcel Lockers** *(10 55 26)*		
10 55 26 00-0002	EA	24" x 14" x 15" Deep, Aluminum Pedestal Mounted Parcel Locker Note: Two compartments.	1,637.77	34.52
10 55 26 00-0003	EA	48" x 16" x 18" Deep, Aluminum Pedestal Mounted Parcel Locker Note: Two compartments.	1,946.24	46.02
10 56		**Storage Assemblies** *(10 50)*		
10 56 13		**Metal Storage Shelving** *(10 56)*		
10 56 13 13		**End-Panel-Support Metal Storage Shelving** *(10 56 13)*		
10 56 13 13-0001		**Residential Wire Shelving** *(10 56 13 13)* Note: Includes brackets and hardware.		
10 56 13 13-0002	LF	12" Deep, Wire Shelving For Closets	32.69	9.32
10 56 13 13-0003	LF	16" Deep, Wire Shelving For Closets	36.22	9.32
10 56 13 13-0004	LF	20" Deep, Wire Shelving For Closets	39.76	9.32
10 56 16		**Fabricated Wood Storage Shelving** *(10 56)*		
10 56 16 00-0001		**Shelving** *(10 56 16)*		
10 56 16 00-0002		**Built-In Wood Shelving** *(10 56 16 00-0001)* Note: Priced by shelf area. Includes hardware and trim.		
10 56 16 00-0003	SF	Built-in Wood Storage Shelving Post And Trimmed Plywood	22.09	2.90
		For Each SF Of Lumber Edge Band, Add	*0.69*	
		For Each SF Of Prefinished Shelves, Add	*2.32*	
10 56 16 00-0004	SF	Built-in Wood Storage Shelving Post And Solid Clear Pine	23.81	3.48
		For Each SF Of Lumber Edge Band, Add	*0.69*	
		For Each SF Of Prefinished Shelves, Add	*2.32*	
10 56 16 00-0005	SF	Built-in Wood Storage Shelving Closet Shelf Of Pine With Rod	24.11	5.81
		For Each SF Of Lumber Edge Band, Add	*0.69*	
		For Each SF Of Prefinished Shelves, Add	*2.32*	
10 56 16 00-0006		**Wood Shelving, White Pine, Clear Grade, Wall Mounted** *(10 56 16 00-0001)*		
10 56 16 00-0007	LF	1" x 8" White Pine Clear Grade Wood Shelving	18.44	6.96
10 56 16 00-0008	LF	1" x 10" White Pine Clear Grade Wood Shelving	20.24	7.43
10 56 16 00-0009	LF	1" x 12" White Pine Clear Grade Wood Shelving	22.26	8.01
10 56 16 00-0010	SF	Wood Shelving, 2" White Pine Clear Grade	28.86	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 56 16 00-0011		Plywood Shelf With Edge Band *(10 56 16 00-0001)*		
10 56 16 00-0012	LF	12" Wide, 3/4" Plywood Shelf With Edge Band	22.35	6.96
10 56 16 00-0013	LF	24" Wide, 3/4" Plywood Shelf With Edge Band	34.58	8.70
10 56 16 00-0014		Adjustable Shelf And Rod *(10 56 16 00-0001)*		
10 56 16 00-0015	EA	12" Wide Adjustable Shelf, 3' To 6' Long Note: Including Rod	193.87	26.11
10 56 16 00-0016	EA	12" Wide Adjustable Shelf, 5' To 8' Long Note: Including Rod	229.20	34.82
10 56 16 00-0017		Prefinished Wood Shelves With Brackets And Supports *(10 56 16 00-0001)*		
10 56 16 00-0018	LF	Prefinished Wood Shelves, 8" Wide, With Brackets And Supports	19.48	6.96
10 56 16 00-0019	LF	Prefinished Wood Shelves, 10" Wide, With Brackets And Supports	21.18	7.43
10 56 16 00-0020	SF	Adjustable 3/4" Plastic Laminated Wood Shelves, Recessed Metal Standards	67.74	11.60
10 56 16 00-0021		Wood Shelving, Oak, Clear Grade, Wall Mounted *(10 56 16 00-0001)*		
10 56 16 00-0022	LF	Wood Shelving, 1" X 8" Oak Clear Grade	21.90	10.91

10 70 Exterior Specialties *(10)*

10 73 Protective Covers *(10 70)*

10 73 13 Awnings *(10 73)*

10 73 13 13 Metal Awnings *(10 73 13)*

10 73 13 13-0001		Metal Awnings *(10 73 13 13)* Note: Includes metal cover, frame supports and anchoring.		
10 73 13 13-0002	SF	Clear Weather Resistant Finish, Ribbed Aluminum Window Awnings	87.78	10.30
10 73 13 13-0003	SF	Baked Enamel Finish, Ribbed Aluminum Window Awning	77.62	9.23
10 73 13 13-0004	SF	Flat Roofed Steel Awning Note: Per SF of covered area	247.27	10.69
10 73 13 13-0005	SF	Arched Roofed Steel Awning (Per SF Of Covered Area)	255.21	12.04

10 73 13 23 Fabric Awnings *(10 73 13)*

10 73 13 23-0001		Canvas Awnings *(10 73 13 23)* Note: Includes minimum 12 oz. canvas, frame supports and anchoring.		
10 73 13 23-0002	SF	Canvas Awning, Waterproof Fabric Tubular Metal Framing	83.88	8.21
10 73 13 23-0003	SF	Side Protection Canvas For Walkways (Per SF Of Wall Area)	48.23	2.65
10 73 13 23-0004	SF	Removal And Replacement Of Canvas For Awnings Note: Includes removal of existing canvas cover.	29.30	
		For 18 Ounce Vinyl Laminated Polyester Cover, Add	*1.00*	

10 73 16 Canopies *(10 73)*

10 73 16 13 Metal Canopies *(10 73 16)*

10 73 16 13-0001		Canopies, Wall Hung, Aluminum Framed And Covered, Prefinished *(10 73 16 13)* Note: Includes cover, frame supports and anchoring.		
10 73 16 13-0002	EA	8' x 10' Canopy, Aluminum, Wall Hung	7,937.39	552.22
10 73 16 13-0003	EA	8' x 20' Canopy, Aluminum, Wall Hung	14,765.05	883.77
10 73 16 13-0004	EA	10' x 10' Canopy, Aluminum, Wall Hung	9,767.88	690.95
10 73 16 13-0005	EA	10' x 20' Canopy, Aluminum, Wall Hung	18,009.27	923.95

10 73 26 Walkway Coverings *(10 73)*

Note: Pre-engineered includes all framing and steel supports, integral gutter system. Excludes foundations.

10 73 26 13 Metal Walkway Coverings *(10 73 26)*

10 73 26 13-0001		Steel Walkway/Parking Covers *(10 73 26 13)* Note: Factory applied polyester finish.		
10 73 26 13-0002	SF	Flat Roofed Steel Walkway/Parking Cover Note: Includes factory applied polyester finish.	121.51	7.92
		For 30 Pounds Per Square Foot (PSF) Snow Load, Add	*42.27*	
		For Wind Load (140 MPH), Add	*52.84*	
10 73 26 13-0003	SF	Arch Roofed Steel Walkway/Parking Cover Note: Includes factory applied polyester finish.	129.34	8.53
		For 30 Pounds Per Square Foot (PSF) Snow Load, Add	*44.91*	
		For Wind Load (140 MPH), Add	*56.14*	
10 73 26 13-0004		Aluminum Walkway/Parking Covers *(10 73 26 13)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 73 26 13-0005	SF	Flat Roofed Aluminum Walkway/Parking Cover Note: Includes factory applied polyester finish.	76.60	7.92
		For 30 Pounds Per Square Foot (PSF) Snow Load, Add	*24.30*	
		For Wind Load (140 MPH), Add	*30.38*	
10 73 26 13-0006	SF	Arch Roofed Aluminum Walkway/Parking Cover Note: Includes factory applied polyester finish.	83.34	8.53
		For 30 Pounds Per Square Foot (PSF) Snow Load, Add	*26.51*	
		For Wind Load (140 MPH), Add	*33.14*	

10 75 Flagpoles *(10 70)*

Note: Metal bases are installed in a concrete base and fully rigged. Heights indicated are from ground to top of installed flag pole. Uninstalled lengths are longer. Includes top ball (color and material similar to pole), cleats and cleat cover, all caulking and sealants, and hoisting into place. Excludes excavation and concrete. See CSI section 10 75 16 00-0012 for bases.

10 75 16 Ground-Set Flagpoles *(10 75)*

10 75 16 00-0001 Free Standing Tapered Aluminum Flagpoles *(10 75 16)*

Note: Heavy-duty. Excludes base or foundation See CSI section 10 75 16 00-0012 for concrete base.

10 75 16 00-0002	EA	20' Exposed Height, Tapered Satin Aluminum Flagpole Note: 5" butt diameter, 3" top diameter and 0.188" wall.	3,149.30	919.89
		For Internal Halyard, Winch System, Add	*570.00*	
		For Clear Anodized Finish, Add	*150.00*	
		For Bronze Anodized Finish, Add	*180.00*	
		For Black Anodized Finish, Add	*230.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0003	EA	25' Exposed Height, Tapered Satin Aluminum Flagpole Note: 5-1/2" butt diameter, 3-1/2" top diameter and 0.188" wall.	3,710.77	1,011.89
		For Internal Halyard, Winch System, Add	*1,100.00*	
		For Clear Anodized Finish, Add	*200.00*	
		For Bronze Anodized Finish, Add	*230.00*	
		For Black Anodized Finish, Add	*320.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0004	EA	30' Exposed Height, Tapered Satin Aluminum Flagpole Note: 6" butt diameter, 3-1/2" top diameter and 0.188" wall.	4,110.03	1,103.87
		For Internal Halyard, Winch System, Add	*1,390.00*	
		For Clear Anodized Finish, Add	*300.00*	
		For Bronze Anodized Finish, Add	*375.00*	
		For Black Anodized Finish, Add	*450.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0005	EA	35' Exposed Height, Tapered Satin Aluminum Flagpole Note: 7" butt diameter, 3-1/2" top diameter and 0.188" wall.	5,168.09	1,287.85
		For Internal Halyard, Winch System, Add	*1,340.00*	
		For Clear Anodized Finish, Add	*290.00*	
		For Bronze Anodized Finish, Add	*360.00*	
		For Black Anodized Finish, Add	*480.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0006	EA	40' Exposed Height, Tapered Satin Aluminum Flagpole Note: 8" butt diameter, 3-1/2" top diameter and 0.188" wall.	6,334.28	1,471.84
		For Internal Halyard, Winch System, Add	*1,490.00*	
		For Clear Anodized Finish, Add	*390.00*	
		For Bronze Anodized Finish, Add	*480.00*	
		For Black Anodized Finish, Add	*660.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0007	EA	45' Exposed Height, Tapered Satin Aluminum Flagpole Note: 8" butt diameter, 3-1/2" top diameter and 0.188" wall.	6,982.26	1,563.83
		For Internal Halyard, Winch System, Add	*1,340.00*	
		For Clear Anodized Finish, Add	*400.00*	
		For Bronze Anodized Finish, Add	*500.00*	
		For Black Anodized Finish, Add	*700.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0008	EA	50' Exposed Height, Tapered Satin Aluminum Flagpole Note: 10" butt diameter, 4" top diameter and 0.188" wall.	8,635.84	1,655.82
		For Internal Halyard, Winch System, Add	*1,380.00*	
		For Clear Anodized Finish, Add	*700.00*	
		For Bronze Anodized Finish, Add	*860.00*	
		For Black Anodized Finish, Add	*1,130.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0009	EA	60' Exposed Height, Tapered Satin Aluminum Flagpole Note: 12" butt diameter, 4" top diameter and 0.250" wall.	14,354.30	1,839.80
		For Internal Halyard, Winch System, Add	*1,800.00*	
		For Clear Anodized Finish, Add	*620.00*	
		For Bronze Anodized Finish, Add	*820.00*	
		For Black Anodized Finish, Add	*1,160.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0010	EA	70' Exposed Height, Tapered Satin Aluminum Flagpole Note: 12" butt diameter, 4" top diameter and 0.250" wall.	15,715.11	2,023.78
		For Internal Halyard, Winch System, Add	*1,720.00*	
		For Clear Anodized Finish, Add	*710.00*	
		For Bronze Anodized Finish, Add	*950.00*	
		For Black Anodized Finish, Add	*1,360.00*	
		For Rope Lock Box, Add	*96.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 75 16 00-0011	EA	80' Exposed Height, Tapered Satin Aluminum Flagpole Note: 12" butt diameter, 4" top diameter and 0.375" wall.	19,508.86	2,207.76
		For Internal Halyard, Winch System, Add	*2,600.00*	
		For Clear Anodized Finish, Add	*1,100.00*	
		For Bronze Anodized Finish, Add	*1,380.00*	
		For Black Anodized Finish, Add	*1,840.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0012		**Flagpole Bases** *(10 75 16)*		
10 75 16 00-0013		**Flagpole Concrete Base** *(10 75 16 00-0012)* Note: Includes excavation, forms where necessary, steel casing and reinforcing, metal collar installation, base plate, sand fill, ground spike, concrete and finishing of concrete.		
10 75 16 00-0014	EA	30' Or Less Flagpole, Poured Concrete Foundation	1,897.90	
10 75 16 00-0015	EA	35' Flagpole, Poured Concrete Foundation	1,962.34	
10 75 16 00-0016	EA	40' Flagpole, Poured Concrete Foundation	2,253.55	
10 75 16 00-0017	EA	45' Flagpole, Poured Concrete Foundation	2,384.48	
10 75 16 00-0018	EA	50' Flagpole, Poured Concrete Foundation	2,861.64	
10 75 16 00-0019	EA	60' Flagpole, Poured Concrete Foundation	3,467.23	
10 75 16 00-0020	EA	70' Flagpole, Poured Concrete Foundation	4,103.55	
10 75 16 00-0021	EA	80' Flagpole, Poured Concrete Foundation	4,770.54	
10 75 16 00-0022	EA	90' To 100' Flagpole, Poured Concrete Foundation	5,561.02	
10 75 16 00-0023		**Direct Embedded Flagpole Base** *(10 75 16 00-0012)* Note: Augured in place, no concrete required.		
10 75 16 00-0024	EA	20' To 25' Flagpole, Direct Embedded Pole Base	850.21	
10 75 16 00-0025	EA	30' To 40' Flagpole, Direct Embedded Pole Base	1,220.11	
10 75 16 00-0026	EA	45' To 55' Flagpole, Direct Embedded Pole Base	1,362.74	
10 75 16 00-0027	EA	60' To 70' Flagpole, Direct Embedded Pole Base	1,533.86	
10 75 16 00-0028		**Flagpole Accessories** *(10 75 16)*		
10 75 16 00-0029		**Flagpole Tops** *(10 75 16 00-0028)* Note: To be used on renovation of existing flagpole. Do not use in conjunction with installation of new flagpoles.		
10 75 16 00-0030	EA	4" Gold Anodized Aluminum Ball For Top Of Flagpole	128.10	48.92
10 75 16 00-0031	EA	5" Gold Anodized Aluminum Ball For Top Of Flagpole	139.26	51.80
10 75 16 00-0032	EA	6" Gold Anodized Aluminum Ball For Top Of Flagpole	154.75	54.67
10 75 16 00-0033	EA	8" Gold Anodized Aluminum Ball For Top Of Flagpole	197.27	57.54
10 75 16 00-0034	EA	10" Gold Anodized Aluminum Ball For Top Of Flagpole	254.93	60.42
10 75 16 00-0035	EA	12" Gold Anodized Aluminum Ball For Top Of Flagpole	283.40	63.30
10 75 16 00-0036	EA	11-1/4" Aluminum Flying Eagle Mounted On A Spindle For Flagpole Top, Gold Finish	260.69	63.30
10 75 16 00-0037	EA	15" Aluminum Flying Eagle Mounted On A Spindle For Flagpole Top, Gold Finish	302.81	71.93
10 75 16 00-0038		**Flagpole Accessories** *(10 75 16 00-0028)* Note: To be used on renovation of existing flagpole. Do not use in conjunction with installation of new flagpoles.		
10 75 16 00-0039	LF	5/16" Diameter, Nylon Halyard (Rope) With Wire Center For Flagpoles	1.48	0.09
10 75 16 00-0040	LF	5/16" Diameter, Solid Braided Multifilament Polypropylene Halyard (Rope) For Flagpoles	0.72	0.09
10 75 16 00-0041	LF	5/16" Diameter, Nylon Halyard (Rope) For Flagpoles	0.55	0.09
10 75 16 00-0042	LF	3/8" Diameter, Nylon Halyard (Rope) With Wire Center For Flagpoles	1.99	0.09
10 75 16 00-0043	EA	Refinish Existing Flagpole Ball	418.04	143.80
10 75 16 00-0044	EA	Locking Aluminum Cleat Box For Flagpoles	306.71	86.28
10 75 16 00-0045	EA	Aluminum Cleat For Flagpoles	25.23	5.76
10 75 16 00-0046	LF	1/8" Diameter, 7x7 Galvanized Wire Rope For Flagpoles	0.58	0.12
10 75 23		**Wall-Mounted Flagpoles** *(10 75)*		
10 75 23 00-0001		**Vertical, Wall/Roof Mounted Tapered Aluminum Flagpoles** *(10 75 23)* Note: Includes aluminum brackets, 3" butt diameter and 0.125" wall.		
10 75 23 00-0002	EA	14' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole	2,230.19	806.93
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0003	EA	17' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole	2,424.02	887.62
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0004	EA	20' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole	2,628.65	968.31
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0005	EA	25' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole	3,048.76	1,129.70
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0006		**Outrigger, Wall Mounted Tapered Aluminum Flagpoles** *(10 75 23)* Note: Includes aluminum base, 3-1/2" butt diameter and 0.125" wall.		
10 75 23 00-0007	EA	10', Wall Mounted, Aluminum Outrigger Flagpole With Bracket	2,793.28	726.24
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0008	EA	15', Wall Mounted, Aluminum Outrigger Flagpole With Bracket	3,019.54	806.93
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0009	EA	20', Wall Mounted, Aluminum Outrigger Flagpole With Bracket	3,385.56	968.31
		For Rope Lock Box, Add	*96.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 80 Other Specialties (10)

10 81 Pest Control Devices (10 80)

10 81 13 Bird Control Devices (10 81)

10 81 13 00-0001 Stainless Steel Spiked Bird Barrier (10 81 13)

Note: Stainless steel spikes with flexible polycarbonate base.

10 81 13 00-0002	LF	2-1/2" To 3" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System	10.92	0.92
10 81 13 00-0003	LF	4-1/2" To 5" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System	13.19	0.92
10 81 13 00-0004	LF	8" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System	19.54	0.92

10 81 13 00-0005 Polycarbonate Spiked Bird Barrier (10 81 13)

Note: Polycarbonate spikes and base.

10 81 13 00-0006	LF	3" Wide Polycarbonate Spikes And Base Bird Deterrent System	10.06	0.92
10 81 13 00-0007	LF	5" Wide Polycarbonate Spikes And Base Bird Deterrent System	12.20	0.92
10 81 13 00-0008	LF	8" Wide Polycarbonate Spikes And Base Bird Deterrent System	14.52	0.92

10 81 13 00-0009 Spiked Gutter Or Girder Bird Barrier (10 81 13)

Note: Stainless steel spikes with flexible polycarbonate base mounted to gutter or girder. Includes aluminum clamps.

10 81 13 00-0010	LF	Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System For Gutter Or Girder Application	11.69	0.92

10 81 13 00-0011 Coil Bird Barrier (10 81 13)

Note: Stainless steel coil.

10 81 13 00-0012	LF	4" Diameter Stainless Steel Coil Bird Deterrent System	8.07	0.92
10 81 13 00-0013	LF	5" Diameter Stainless Steel Coil Bird Deterrent System	9.61	0.92

10 81 13 00-0014 Spider Bird Barrier (10 81 13)

Note: Stainless steel arms with various bases.

10 81 13 00-0015	EA	2' Diameter Stainless Steel Spider Bird Deterrent System	136.86	0.92
10 81 13 00-0016	EA	4' Diameter Stainless Steel Spider Bird Deterrent System	203.41	0.92
10 81 13 00-0017	EA	8' Diameter Stainless Steel Spider Bird Deterrent System	257.75	0.92

10 81 13 00-0018 Oriented Flexible Flame Resistant Netting (10 81 13)

Note: Includes stainless steel rings and plastic ties.

10 81 13 00-0019	SF	1/8" x 1/8" Mesh Flexible Polypropylene Netting Note: To control bird and marine predators.	1.17	0.42
10 81 13 00-0020	SF	1/4" x 1/4" Mesh Flexible Polypropylene Netting Note: To control bird and marine predators.	1.13	0.42
10 81 13 00-0021	SF	1/2" x 1/2" Mesh Flexible Polypropylene Netting Note: To control bird and marine predators.	1.09	0.42
10 81 13 00-0022	SF	3/4" x 3/4" Mesh Flexible Polypropylene Netting Note: To control bird and marine predators.	1.05	0.42
10 81 13 00-0023	SF	1" x 1" Mesh Flexible Polypropylene Netting Note: To control bird and marine predators.	1.05	0.42
10 81 13 00-0024	SF	1-1/8" x 1-1/8" Mesh Flexible Polypropylene Netting Note: To control bird and marine predators.	1.03	0.42
10 81 13 00-0025	SF	2" x 2" Mesh Flexible Polypropylene Netting Note: To control bird and marine predators.	1.00	0.42
10 81 13 00-0026	SF	3" x 3" Mesh Flexible Polypropylene Netting Note: To control bird and marine predators.	1.00	0.42
10 81 13 00-0027	SF	4" x 4" Mesh Flexible Polypropylene Netting Note: To control bird and marine predators.	0.96	0.42
10 81 13 00-0028	SF	5/8" x 3/4" Mesh Flexible Polypropylene Netting Note: To control bird and marine predators.	1.07	0.42
10 81 13 00-0029	SF	1-1/4" x 1-1/2" Mesh Flexible Polypropylene Netting Note: To control bird and marine predators.	1.01	0.42
10 81 13 00-0030	EA	Poly Clips For Flexible Netting	3.56	

10 81 13 00-0031 Netting Accessories (10 81 13)

10 81 13 00-0032	EA	2' Zipper For Flexible Netting	9.64	
10 81 13 00-0033	EA	4' Zipper For Flexible Netting	14.52	
10 81 13 00-0034	EA	6' Zipper For Flexible Netting	17.09	
10 81 13 00-0035	EA	8' Zipper For Flexible Netting	24.29	

10 81 16 Insect Control Devices (10 81)

10 81 16 00-0001 Insect Screening (10 81 16)

10 81 16 00-0002	CSF	17/14 Mesh Insect Screening With Flat Screen Splines	149.27	

10 86 Security Mirrors And Domes (10 80)

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 86 00 00-0001		**Dome Mirrors** *(10 86)* Note: Includes all mounting hardware. Indoor or outdoor applications.		
10 86 00 00-0002		**Steel Dome Mirrors** *(10 86 00 00-0001)*		
10 86 00 00-0003	EA	9" Diameter Full-Dome Steel Dome Mirror	326.74	23.01
10 86 00 00-0004	EA	12" Diameter Full-Dome Steel Dome Mirror	385.18	24.17
10 86 00 00-0005	EA	18" Diameter Full-Dome Steel Dome Mirror	445.92	26.47
10 86 00 00-0006	EA	24" Diameter Full-Dome Steel Dome Mirror	596.98	28.77
10 86 00 00-0007	EA	9" Diameter Half-Dome Steel Dome Mirror	233.71	17.27
10 86 00 00-0008	EA	12" Diameter Half-Dome Steel Dome Mirror	270.18	18.41
10 86 00 00-0009	EA	18" Diameter Half-Dome Steel Dome Mirror	316.10	20.14
10 86 00 00-0010	EA	24" Diameter Half-Dome Steel Dome Mirror	441.60	21.87
10 86 00 00-0011		**Plexiglas Dome Mirrors** *(10 86 00 00-0001)*		
10 86 00 00-0012	EA	18" Diameter Full-Dome Plexiglas Dome Mirror	251.87	26.47
10 86 00 00-0013	EA	26" Diameter Full-Dome Plexiglas Dome Mirror	357.77	28.77
10 86 00 00-0014	EA	32" Diameter Full-Dome Plexiglas Dome Mirror	474.39	33.37
10 86 00 00-0015	EA	36" Diameter Full-Dome Plexiglas Dome Mirror	573.63	40.28
10 86 00 00-0016	EA	48" Diameter Full-Dome Plexiglas Dome Mirror	837.60	57.54
10 86 00 00-0017	EA	18" Diameter Half-Dome Plexiglas Dome Mirror	153.29	20.14
10 86 00 00-0018	EA	26" Diameter Half-Dome Plexiglas Dome Mirror	208.00	21.87
10 86 00 00-0019	EA	32" Diameter Half-Dome Plexiglas Dome Mirror	274.96	25.32
10 86 00 00-0020	EA	36" Diameter Half-Dome Plexiglas Dome Mirror	339.26	30.50
10 86 00 00-0021	EA	48" Diameter Half-Dome Plexiglas Dome Mirror	540.33	43.16
10 86 00 00-0022	EA	18" Diameter Quarter-Dome Plexiglas Dome Mirror	97.99	17.27
10 86 00 00-0023	EA	26" Diameter Quarter-Dome Plexiglas Dome Mirror	126.58	18.99
10 86 00 00-0024	EA	32" Diameter Quarter-Dome Plexiglas Dome Mirror	167.31	21.29
10 86 00 00-0025	EA	36" Diameter Quarter-Dome Plexiglas Dome Mirror	208.81	25.32
10 86 00 00-0026	EA	48" Diameter Quarter-Dome Plexiglas Dome Mirror	347.75	35.97
10 86 00 00-0027		**Coated Plexiglas Dome Mirrors** *(10 86 00 00-0001)*		
10 86 00 00-0028	EA	18" Diameter Full-Dome Coated Plexiglas Dome Mirror	301.91	26.47
10 86 00 00-0029	EA	26" Diameter Full-Dome Coated Plexiglas Dome Mirror	470.05	28.77
10 86 00 00-0030	EA	36" Diameter Full-Dome Coated Plexiglas Dome Mirror	798.19	40.28
10 86 00 00-0031	EA	48" Diameter Full-Dome Coated Plexiglas Dome Mirror	1,230.58	57.54
10 86 00 00-0032	EA	18" Diameter Half-Dome Coated Plexiglas Dome Mirror	195.28	20.14
10 86 00 00-0033	EA	26" Diameter Half-Dome Coated Plexiglas Dome Mirror	292.70	21.87
10 86 00 00-0034	EA	36" Diameter Half-Dome Coated Plexiglas Dome Mirror	463.75	30.50
10 86 00 00-0035	EA	48" Diameter Half-Dome Coated Plexiglas Dome Mirror	769.77	43.16
10 86 00 00-0036	EA	18" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	141.20	17.27
10 86 00 00-0037	EA	26" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	199.32	18.99
10 86 00 00-0038	EA	32" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	259.09	21.29
10 86 00 00-0039	EA	36" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	333.78	25.32
10 86 00 00-0040	EA	48" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	523.50	35.97
10 86 00 00-0041		**Circular Convex Security Mirrors** *(10 86)* Note: Includes all mounting hardware.		
10 86 00 00-0042		**Plexiglas Circular Convex Mirrors** *(10 86 00 00-0041)* Note: Indoor models have a tempered hardboard backing. Outdoor models have a waterproof edge and back, rustproof hardware with backed-on enamel finish.		
10 86 00 00-0043	EA	12" Diameter Plexiglas Circular Convex Mirrors, Indoor	105.18	18.41
10 86 00 00-0044	EA	18" Diameter Plexiglas Circular Convex Mirrors, Indoor	137.67	20.14
10 86 00 00-0045	EA	26" Diameter Plexiglas Circular Convex Mirrors, Indoor	210.69	21.87
10 86 00 00-0046	EA	30" Diameter Plexiglas Circular Convex Mirrors, Indoor	263.73	25.32
10 86 00 00-0047	EA	36" Diameter Plexiglas Circular Convex Mirrors, Indoor	351.47	30.50
10 86 00 00-0048	EA	48" Diameter Plexiglas Circular Convex Mirrors, Indoor	623.32	43.16
10 86 00 00-0049	EA	18" Diameter Plexiglas Circular Convex Mirrors, Outdoor	178.92	20.14
10 86 00 00-0050	EA	26" Diameter Plexiglas Circular Convex Mirrors, Outdoor	259.51	21.87
10 86 00 00-0051	EA	36" Diameter Plexiglas Circular Convex Mirrors, Outdoor	370.99	30.50
10 86 00 00-0052	EA	48" Diameter Plexiglas Circular Convex Mirrors, Outdoor	681.90	43.16
10 86 00 00-0053		**Coated Plexiglas Circular Convex Mirrors** *(10 86 00 00-0041)* Note: Indoor models have a tempered hardboard backing. Outdoor models have a waterproof edge and back, rustproof hardware with backed-on enamel finish.		
10 86 00 00-0054	EA	18" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	217.00	20.14
10 86 00 00-0055	EA	26" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	343.96	21.87
10 86 00 00-0056	EA	30" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	463.15	25.32
10 86 00 00-0057	EA	36" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	578.47	30.50
10 86 00 00-0058	EA	48" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	840.56	43.16
10 86 00 00-0059	EA	18" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	261.67	20.14
10 86 00 00-0060	EA	26" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	407.42	21.87
10 86 00 00-0061	EA	30" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	568.11	25.32
10 86 00 00-0062	EA	36" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	641.93	30.50
10 86 00 00-0063	EA	48" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	1,018.74	43.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 86 00 00-0064		Security Mirrors *(10 86)*		
10 86 00 00-0065	EA	10" x 14" Framed Stainless Steel Replacement Mirror	143.89	36.98
10 86 00 00-0066	EA	8" x 10" Framed Stainless Steel Mirror With Mounting Plate	123.74	36.98
10 86 00 00-0067	EA	10" x 14" Framed Stainless Steel Mirror With Mounting Plate	138.12	36.98
10 86 00 00-0068	EA	16" x 20" Unframed Stainless Steel Mirror With Mounting Screws	252.80	30.82
10 86 00 00-0069	EA	8" x 10" Framed Stainless Steel Replacement Mirror	98.21	36.98

10 89 Baffle Assembly *(10 80)*

10 89 00 00-0001		Baffle Assemblies for RSIP Program *(10 89)*		
10 89 00 00-0002	EA	Roof Baffle Assembly for Exhaust (Detail BF-01 of RSIP Specifications) Note: For Installed assemblies; Includes painting and seals as needed, per specifications.	116.00	
10 89 00 00-0003	EA	Wall Baffle Assembly for Exhaust(Detail BF-02 of RSIP Specifications) Note: For Installed assemblies; Includes painting and seals as needed, per specifications.	168.00	
10 89 00 00-0004	EA	Modified Ducting Assembly for Exhaust(Detail BF-03 of RSIP Specifications) Note: For Installed assemblies; Includes painting and seals as needed, per specifications.	68.00	
10 89 00 00-0005	EA	Attic Baffle for Gable Vent Assembly (Detail BF-10 of RSIP Specifications) Note: For Installed assemblies; Includes painting and seals as needed, per specifications.	172.00	
10 89 00 00-0006	EA	Attic Baffle for Triangular Gable Vent Assembly (Detail BF-11 of RSIP Specifications) Note: For Installed assemblies; Includes painting and seals as needed, per specifications.	168.00	
10 89 00 00-0007	EA	Attic Baffle for Dormer Vent Assembly (Detail BF-12 of RSIP Specifications) Note: For Installed assemblies; Includes painting and seals as needed, per specifications.	155.00	
10 89 00 00-0008	EA	Attic Baffle for Turbine Vent Assembly (Detail BF-13 of RSIP Specifications) Note: For Installed assemblies; Includes painting and seals as needed, per specifications.	155.00	
10 89 00 00-0009	EA	Attic Baffle for Roof Vent Assembly (Detail BF-14 of RSIP Specifications) Note: For Installed assemblies; Includes painting and seals as needed, per specifications.	150.00	
10 89 00 00-0010	EA	Attic Baffle for Coupola Vent Assembly (Detail BF-15 of RSIP Specifications) Note: For Installed assemblies; Includes painting and seals as needed, per specifications.	165.00	
10 89 00 00-0011	EA	Baffle for Whole House Fan Assembly (Detail BF-16 of RSIP Specifications) Note: For Installed assemblies; Includes painting and seals as needed, per specifications.	354.00	
10 89 00 00-0012	EA	Attic Vent Baffle Assembly (Detail BF-23 of RSIP Specifications) Note: For Installed assemblies; Includes painting and seals as needed, per specifications.	80.00	

END OF SECTION 10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

11 Equipment

11 01 Operation and Maintenance of Equipment (11)

11 01 10 Operation and Maintenance of Vehicle and Pedestrian Equipment (11 01)

11 01 10 13 Operation and Maintenance of Parking Equipment (11 01 10)

11 01 10 13-0001 Replacement Parking Equipment (11 01 10 13)

11 01 10 13-0002	EA	10' Wood Arm Replacement With Bolts	652.60	
11 01 10 13-0003	EA	12' Wood Arm Replacement With Bolts	682.60	
11 01 10 13-0004	EA	14' Wood Arm Replacement With Bolts	716.92	
11 01 10 13-0005	EA	12' Aluminum Arm Replacement With Bolts	952.22	
11 01 10 13-0006	EA	14' Aluminum Arm Replacement With Bolts	984.41	
11 01 10 13-0007	EA	16' Aluminum Arm Replacement With Bolts	1,394.04	
11 01 10 13-0008	EA	18' Aluminum Arm Replacement With Bolts	1,414.80	
11 01 10 13-0009	EA	20' Aluminum Arm Replacement With Bolts	1,454.17	
11 01 10 13-0010	EA	22' Aluminum Arm Replacement With Bolts	1,671.90	
11 01 10 13-0011	EA	24' Aluminum Arm Replacement With Bolts	1,699.82	

11 10 Vehicle and Pedestrian Equipment (11)

11 11 Vehicle Service Equipment (11 10)

11 11 19 Vehicle Lubrication Equipment (11 11)

11 11 19 00-0001 Reels (11 11 19)

11 11 19 00-0002	EA	1/4" x 50' Hose, Grease Reel (Alemite 8078-B)	1,213.42	149.57
11 11 19 00-0003	EA	1/2" x 50' Hose, Oil Reel (Alemite 8078-D)	1,183.26	149.57
11 11 19 00-0004	EA	3/8" x 50' Hose, Air Or Water Reel (Alemite 8078-F)	1,036.25	149.57
11 11 19 00-0005	EA	1/2" x 50' Hose, Air Or Water Reel (Alemite 8078-M)	1,153.68	149.57

11 11 19 00-0006 Air Operated Powered Pumps (11 11 19)

Note: Excludes air compressor.

11 11 19 00-0007	EA	1", Oil, Air Operated Diaphragm Pump (Alemite 8323)	1,822.32	199.43
11 11 19 00-0008	EA	1", Antifreeze, Air Operatied Diaphragm Pump (Alemite 8325) Note: UL listed.	2,020.79	199.43
11 11 19 00-0009	EA	5:1 Air Operated Oil Pump (Alemite 9968)	1,621.33	199.43
11 11 19 00-0010	EA	50:1 High Pressure Grease Pump For 400 Lb. Drum (Alemite 9979-A) Note: Includes pump, drum cover and follower plate.	1,867.06	99.71

11 11 19 00-0011 Pumping Unit Accessories (11 11 19)

11 11 19 00-0012	EA	Rigid Extension, Digital Oil Meter (Alemite 3670)	659.45	37.40
11 11 19 00-0013	EA	Flexible Extension, Digital Meter (Alemite 3671)	659.45	37.40
11 11 19 00-0014	EA	Manual, Non-Drip Tip, Flexible, Digital Oil Meter (Alemite 3671-B)	659.45	37.40
11 11 19 00-0015	EA	Grease Control Handle (Alemite 6320-A)	358.33	37.40
11 11 19 00-0016	EA	150 PSI Filter/Regulator (Alemite 7936)	194.42	37.40
11 11 19 00-0017	EA	Z Type Grease Swivel (Alemite B331107)	127.98	12.47
11 11 19 00-0018	EA	Suction Hose Assembly (Parker T605-84)	297.69	49.86
11 11 19 00-0019	EA	Unistrut Reel Brackets	261.84	9.97
11 11 19 00-0020	EA	Large, Diaphragm Pump, Wall Mount Bracket (Alemite 343173)	354.29	37.40

11 11 36 Vehicle Charging Equipment (11 11)

11 11 36 13 Commercial Electric Vehicle Charging Unit (11 11 36)

11 11 36 13-0001 Electric Vehicle Charging Stations (GE) (11 11 36 13)

Note: Available with RFID (Radio Frequency Identification) reader.

11 11 36 13-0002	EA	Single Pedestal Electric Vehicle Charging Station Without RFID (GE EVSN3) Note: 208 to 240 volt, 30 amperes, 1 phase.	4,523.11	171.75
11 11 36 13-0003	EA	Double Pedestal Electric Vehicle Charging Station Without RFID (GE EVDN3) Note: 208 to 240 volt, 30 amperes, 1 phase.	8,017.85	228.99
11 11 36 13-0004	EA	Single Pedestal Electric Vehicle Charging Station With RFID (GE EVSRN3) Note: 208 to 240 volt, 30 amperes, 1 phase.	8,356.87	171.75
11 11 36 13-0005	EA	Double Pedestal Electric Vehicle Charging Station With RFID (GE EVDRN3) Note: 208 to 240 volt, 30 amperes, 1 phase.	14,261.57	228.99
11 11 36 13-0006	EA	Single Pole Mounted Electric Vehicle Charging Station Without RFID (GE EVPN3) Note: 208 to 240 volt, 30 amperes, 1 phase. Excludes pole.	3,939.86	85.87
11 11 36 13-0007	EA	Single Pole Mounted Electric Vehicle Charging Station With RFID (GE EVPRN3) Note: 208 to 240 volt, 30 amperes, 1 phase. Excludes pole.	7,629.89	85.87
11 11 36 13-0008	EA	Single Wall Mounted Electric Vehicle Charging Station Without RFID (GE EVWN3) Note: 208 to 240 volt, 30 amperes, 1 phase.	3,814.60	114.50
11 11 36 13-0009	EA	Single Wall Mounted Electric Vehicle Charging Station With RFID (GE EVWRN3) Note: 208 to 240 volt, 30 amperes, 1 phase.	7,360.89	114.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 11 36 13-0010		Electric Vehicle Charging Stations (AeroVironment) *(11 11 36 13)*		
		Note: Can be configured as Level 1 (16 Amps, 120 VAC) or Level 2 (16 Amps, 240 VAC).		
11 11 36 13-0011	EA	Module Electric Vehicle Charging Station (AeroVironment TurboDock Module)	3,187.39	85.87
		Note: Includes charging station only. Excludes mounting bracket or pedestal.		
11 11 36 13-0012	EA	Single Wall Mount Electric Vehicle Charging Station (AeroVironment TurboDock Wall Mount)	4,394.35	114.50
		Note: Includes charging station(s) and wall mounting bracket that can hold up to two charging modules.		
11 11 36 13-0013	EA	Dual Wall Mount Electric Vehicle Charging Station (AeroVironment TurboDock Wall Mount)	7,352.73	143.12
		Note: Includes charging station(s) and wall mounting bracket that can hold up to two charging modules.		
11 11 36 13-0014	EA	Single Pedestal Mount Electric Vehicle Charging Station (AeroVironment TurboDock Pedestal)	4,623.34	171.75
		Note: Includes charging station(s), pedestal and mounting bracket that can hold up to four charging modules.		
11 11 36 13-0015	EA	Dual Pedestal Mount Electric Vehicle Charging Station (AeroVironment TurboDock Pedestal)	7,581.72	200.36
		Note: Includes charging station(s), pedestal and mounting bracket that can hold up to four charging modules.		
11 11 36 13-0016	EA	Triple Pedestal Mount Electric Vehicle Charging Station (AeroVironment TurboDock Pedestal)	10,540.11	228.99
		Note: Includes charging station(s), pedestal and mounting bracket that can hold up to four charging modules.		
11 11 36 13-0017	EA	Quad Pedestal Mount Electric Vehicle Charging Station (AeroVironment TurboDock Pedestal)	13,498.51	257.61
		Note: Includes charging station(s), pedestal and mounting bracket that can hold up to four charging modules.		
11 11 36 13-0018		Electric Vehicle Charging Stations (Leviton) *(11 11 36 13)*		
11 11 36 13-0019	EA	Single Port, Electric Vehicle Charging Station, Gateway (Leviton evr-green® 4000 CPHG1-000)	4,052.06	171.75
		Note: 208 to 240 volt, 30 amperes, 1 phase.		
		For Bollard Body (Leviton CPMBX-000), Add	*2,489.64*	
		For Bollard Cap (Leviton CPCAP-B), Add	*228.79*	
		For Wall Mounting Body (Leviton CPMEX-000), Add	*1,720.68*	
		For Wall Mounting Cap (Leviton CPCAP-W), Add	*228.79*	
		For Cord Management Kit (Leviton CPCBX-000), Add	*1,569.05*	
11 11 36 13-0020	EA	Single Port, Electric Vehicle Charging Station, Non-Gateway LAN (Leviton evr-green® 4000 CPHD1-000)	3,269.39	171.75
		Note: 208 to 240 volt, 30 amperes, 1 phase.		
		For Bollard Body (Leviton CPMBX-000), Add	*2,489.64*	
		For Bollard Cap (Leviton CPCAP-B), Add	*228.79*	
		For Wall Mounting Body (Leviton CPMEX-000), Add	*1,720.68*	
		For Wall Mounting Cap (Leviton CPCAP-W), Add	*228.79*	
		For Cord Management Kit (Leviton CPCBX-000), Add	*1,569.05*	
11 11 36 13-0021	EA	Dual Port, Electric Vehicle Charging Station, Gateway (Leviton evr-green® 4000 CPHG2-000)	7,860.57	228.99
		Note: 208 to 240 volt, 30 amperes, 1 phase.		
		For Bollard Body (Leviton CPMBX-000), Add	*2,489.64*	
		For Bollard Cap (Leviton CPCAP-B), Add	*228.79*	
		For Wall Mounting Body (Leviton CPMEX-000), Add	*1,720.68*	
		For Wall Mounting Cap (Leviton CPCAP-W), Add	*228.79*	
		For Cord Management Kit (Leviton CPCBX-000), Add	*1,569.05*	
11 11 36 13-0022	EA	Dual Port, Electric Vehicle Charging Station, Gateway (Leviton evr-green® 4000 CPHD2-000)	7,075.36	228.99
		Note: 208 to 240 volt, 30 amperes, 1 phase.		
		For Bollard Body (Leviton CPMBX-000), Add	*2,489.64*	
		For Bollard Cap (Leviton CPCAP-B), Add	*228.79*	
		For Wall Mounting Body (Leviton CPMEX-000), Add	*1,720.68*	
		For Wall Mounting Cap (Leviton CPCAP-W), Add	*228.79*	
		For Cord Management Kit (Leviton CPCBX-000), Add	*1,569.05*	
11 11 36 13-0023	EA	Bollard Mounting Body For Charging Station (Leviton CPMBX-000)	2,947.63	171.75
		For Cap, Add	*228.79*	
11 11 36 13-0024	EA	Wall Mounting Body For Charging Station (Leviton CPMEX-000)	2,178.67	171.75
		For Cap, Add	*228.79*	
11 11 36 13-0025	EA	Cord Management Kit For Charging Station (Leviton CPCBX-000)	1,798.04	114.50
		For Cap, Add	*228.79*	

11 12 Parking Control Equipment *(11 10)*

11 12 16 Parking Ticket Dispensers *(11 12)*

11 12 16 00-0001		Parking Ticket Dispensers *(11 12 16)*		
11 12 16 00-0002	EA	Standard Parking Ticket Dispenser With Time/Date Stamp	12,294.67	236.09
11 12 16 00-0003	EA	Rate Computing Parking Ticket Dispenser With Printer	16,553.85	236.09

11 12 23 Parking Meters *(11 12)*

11 12 23 00-0001		Parking Meters *(11 12 23)*		
11 12 23 00-0002	EA	Removal Of Parking Meter For Replacement Or Reinstall Existing Meter	253.13	

11 12 26 Parking Fee Collection Equipment *(11 12)*

11 12 26 13 Parking Fee Coin Collection Equipment *(11 12 26)*

11 12 26 13-0001		Parking Fee Collection Equipment *(11 12 26 13)*		
11 12 26 13-0002	EA	Multiple Station Slot Box For Parking Fee Collection	2,920.12	80.00

11 12 33 Parking Gates *(11 12)*

11 12 33 13 Lift Arm Parking Gates *(11 12 33)*

11 12 33 13-0001		Barrier Parking Gate Operators *(11 12 33 13)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 12 33 13-0002		**Barrier Parking Gate Operators** *(11 12 33 13-0001)*		
		Note: Includes operator and barrier arm. Excludes access controls and concrete foundation.		
11 12 33 13-0003	EA	12' Plastic Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080)	7,553.29	654.80
		For 230/460 Volt AC, Add	*322.50*	
11 12 33 13-0004	EA	14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080)	7,528.19	654.80
		For 230/460 Volt AC, Add	*322.50*	
11 12 33 13-0005	EA	14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080)	7,846.11	654.80
		For 230/460 Volt AC, Add	*322.50*	
11 12 33 13-0006	EA	20' Three Piece Wood Arm, 1 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1602-080)	11,020.22	654.80
		For 230/460 Volt AC, Add	*322.50*	
11 12 33 13-0007	EA	14' Wood Arm, 1/3 HP, 115 Volt AC, Barrier Parking Gate Operator With Two Built-In Vehicle Detectors (Federal APD G-90 CD)	10,123.47	654.80
11 12 33 13-0008	EA	14' Aluminum Arm, 1/3 HP, 115 Volt AC, Barrier Parking Gate Operator With Two Built-In Vehicle Detectors (Federal APD G-90 CD)	10,625.43	654.80
11 12 33 13-0009		**Barrier Parking Gate Operators With Tire Shredding Traffic Control Spikes** *(11 12 33 13-0001)*		
		Note: Includes operator, barrier arm and tire shredding traffic control spikes. Excludes access controls and concrete foundation.		
11 12 33 13-0010	EA	14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 6' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	22,467.78	1,309.61
11 12 33 13-0011	EA	14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 9' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	26,243.46	1,309.61
11 12 33 13-0012	EA	14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 6' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	22,656.02	1,309.61
11 12 33 13-0013	EA	14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 9' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	26,431.70	1,309.61
11 12 33 13-0014		**Barrier Parking Gate Operator Accessories** *(11 12 33 13-0001)*		
11 12 33 13-0015	EA	12' Plastic Replacement Arm For Barrier Parking Gate Operators	261.47	26.16
11 12 33 13-0016	EA	14' Wood Replacement Arm For Barrier Parking Gate Operators	236.37	26.16
11 12 33 13-0017	EA	14' Aluminum Replacement Arm For Barrier Parking Gate Operators	554.29	26.16
11 12 33 13-0018	EA	20' Three Piece Wood Replacement Arm For Barrier Parking Gate Operators	836.64	26.16
11 12 33 13-0019	EA	Folding Wood Replacement Arm For Barrier Parking Gate Operators	763.44	26.16
11 12 33 13-0020	EA	Folding Plastic Replacement Arm For Barrier Parking Gate Operators	763.44	26.16
11 12 33 13-0021	EA	Folding Aluminum Replacement Arm For Barrier Parking Gate Operators	930.76	26.16
11 12 33 13-0022	EA	Heater Kit For Barrier Parking Gate Operators (DKS™ DoorKing® 1601-092)	784.46	156.93
11 12 33 13-0023	EA	Fan Kit For Barrier Parking Gate Operators (DKS™ DoorKing® 1601-093)	784.46	156.93
11 12 33 13-0024	EA	Single Channel Detector Loop For Barrier Parking Gate Operators (DKS™ DoorKing® 9410-010)	783.44	
11 12 33 13-0025	EA	Two Channel Detector Loop For Barrier Parking Gate Operators (Federal APD DLD-10B)	1,855.30	
11 12 33 13-0026	EA	36" Tall, Gooseneck Style, Single Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls (Federal APD)	1,328.92	52.32
		Note: Includes mounting plate and hardware. Excludes concrete foundation.		
11 12 36		**Tire Shredders** *(11 12)*		
11 12 36 00-0001		**Tire Shredding Traffic Control Spikes** *(11 12 36)*		
11 12 36 00-0002		**Flush Mount, Tire Shredding Traffic Control Spikes** *(11 12 36 00-0001)*		
11 12 36 00-0003	EA	6' Section, Flush Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-081)	3,242.06	418.50
11 12 36 00-0004		**Surface Mount, Tire Shredding Traffic Control Spikes** *(11 12 36 00-0001)*		
11 12 36 00-0005	EA	3' Section With End Caps, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-088)	5,856.37	209.25
11 12 36 00-0006	EA	3' Add-On Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-087)	4,183.15	209.25
11 12 36 00-0007		**Warning Signs And Signals For Tire Shredding Traffic Control Spikes** *(11 12 36 00-0001)*		
11 12 36 00-0008	EA	Warning Sign For Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1615)	2,604.01	78.47
		Note: Includes light and mounting post.		
11 12 36 00-0009	EA	Traffic Light Assembly For Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603)	2,112.54	104.62
		Note: Includes mounting post and hardware.		
11 13		**Loading Dock Equipment** *(11 10)*		
		Note: Includes all anchor bolts, drilling and fasteners.		
11 13 13		**Loading Dock Bumpers** *(11 13)*		
11 13 13 00-0001		**Laminated Rubber Dock Bumpers** *(11 13 13)*		
11 13 13 00-0002		**4-1/2" Projection, Laminated Rubber Dock Bumpers** *(11 13 13 00-0001)*		
11 13 13 00-0003	EA	14" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	131.16	23.00
11 13 13 00-0004	EA	24" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	164.59	23.00
11 13 13 00-0005	EA	36" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	211.74	23.00
11 13 13 00-0006	EA	12" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	145.41	23.00
11 13 13 00-0007	EA	14" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	157.22	23.00
11 13 13 00-0008	EA	18" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	178.33	23.00
11 13 13 00-0009	EA	24" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	211.74	23.00

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 13 00-0010	EA	36" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	287.19	23.00
11 13 13 00-0011	EA	12" x 12", 4-1/2" Projection, Laminated Rubber Dock Bumper	164.27	23.00
11 13 13 00-0012	EA	12" x 14", 4-1/2" Projection, Laminated Rubber Dock Bumper	178.33	23.00
11 13 13 00-0013	EA	12" x 18", 4-1/2" Projection, Laminated Rubber Dock Bumper	218.45	23.00
11 13 13 00-0014	EA	12" x 24", 4-1/2" Projection, Laminated Rubber Dock Bumper	246.91	23.00
11 13 13 00-0015	EA	12" x 36", 4-1/2" Projection, Laminated Rubber Dock Bumper	339.29	23.00
11 13 13 00-0016	EA	11" x 20", 4-1/2" Projection, Laminated Rubber Dock Bumper	201.83	23.00
11 13 13 00-0017	EA	11" x 24", 4-1/2" Projection, Laminated Rubber Dock Bumper	234.92	23.00
11 13 13 00-0018	EA	11" x 36", 4-1/2" Projection, Laminated Rubber Dock Bumper	305.41	23.00
11 13 13 00-0019		6" Projection, Laminated Rubber Dock Bumpers *(11 13 13 00-0001)*		
11 13 13 00-0020	EA	12" x 10", 6" Projection, Laminated Rubber Dock Bumper	183.25	23.00
11 13 13 00-0021	EA	14" x 10", 6" Projection, Laminated Rubber Dock Bumper	194.92	23.00
11 13 13 00-0022	EA	18" x 10", 6" Projection, Laminated Rubber Dock Bumper	223.05	23.00
11 13 13 00-0023	EA	24" x 10", 6" Projection, Laminated Rubber Dock Bumper	265.89	23.00
11 13 13 00-0024	EA	36" x 10", 6" Projection, Laminated Rubber Dock Bumper	360.68	23.00
11 13 13 00-0025	EA	12" x 12", 6" Projection, Laminated Rubber Dock Bumper	209.15	23.00
11 13 13 00-0026	EA	14" x 12", 6" Projection, Laminated Rubber Dock Bumper	218.74	23.00
11 13 13 00-0027	EA	18" x 12", 6" Projection, Laminated Rubber Dock Bumper	256.78	23.00
11 13 13 00-0028	EA	24" x 12", 6" Projection, Laminated Rubber Dock Bumper	313.52	23.00
11 13 13 00-0029	EA	36" x 12", 6" Projection, Laminated Rubber Dock Bumper	472.41	23.00
11 13 13 00-0030	EA	11" x 20", 6" Projection, Laminated Rubber Dock Bumper	266.05	23.00
11 13 13 00-0031	EA	11" x 24", 6" Projection, Laminated Rubber Dock Bumper	304.09	23.00
11 13 13 00-0032	EA	11" x 36", 6" Projection, Laminated Rubber Dock Bumper	309.16	23.00
11 13 13 00-0033		Extruded Rubber Dock Bumpers *(11 13 13)*		
11 13 13 00-0034		1-3/4" Projection, Extruded Rubber Dock Bumpers *(11 13 13 00-0033)*		
11 13 13 00-0035	EA	12" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	71.67	23.00
11 13 13 00-0036	EA	18" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	76.37	23.00
11 13 13 00-0037	EA	24" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	82.64	23.00
11 13 13 00-0038	EA	36" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	88.90	23.00
11 13 13 00-0039		4" Projection, Extruded Rubber Dock Bumpers *(11 13 13 00-0033)*		
11 13 13 00-0040	EA	12" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	96.24	23.00
11 13 13 00-0041	EA	18" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	116.00	23.00
11 13 13 00-0042	EA	24" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	121.69	23.00
11 13 13 00-0043	EA	36" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	134.65	23.00
11 13 13 00-0044		6" Projection, Extruded Rubber Dock Bumpers *(11 13 13 00-0033)*		
11 13 13 00-0045	EA	12" x 6", 6" Projection, Extruded Rubber Dock Bumper	116.06	23.00
11 13 13 00-0046	EA	18" x 6", 6" Projection, Extruded Rubber Dock Bumper	142.69	23.00
11 13 13 00-0047	EA	24" x 6", 6" Projection, Extruded Rubber Dock Bumper	164.62	23.00
11 13 13 00-0048	EA	36" x 6", 6" Projection, Extruded Rubber Dock Bumper	206.47	23.00
11 13 13 00-0049		Molded Rubber Dock Bumpers *(11 13 13)*		
11 13 13 00-0050		Rectangular Molded Rubber Dock Bumpers *(11 13 13 00-0049)*		
11 13 13 00-0051	EA	18" x 8", 2" Projection, Rectangular Molded Rubber Dock Bumper	99.53	23.00
11 13 13 00-0052	EA	10" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper	87.43	23.00
11 13 13 00-0053	EA	20" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper	115.04	23.00
11 13 13 00-0054	EA	30" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper	142.88	23.00
11 13 13 00-0055	EA	24" x 12", 3" Projection, Rectangular Molded Rubber Dock Bumper	149.45	23.00
11 13 13 00-0056	EA	13" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	111.87	23.00
11 13 13 00-0057	EA	18" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	143.98	23.00
11 13 13 00-0058	EA	30" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	210.09	23.00
11 13 13 00-0059	EA	13" x 12", 4" Projection, Rectangular Molded Rubber Dock Bumper	121.48	23.00
11 13 13 00-0060	EA	24" x 12", 4" Projection, Rectangular Molded Rubber Dock Bumper	180.20	23.00
11 13 13 00-0061	EA	18" x 18", 4" Projection, Rectangular Molded Rubber Dock Bumper	179.63	23.00
11 13 13 00-0062	EA	24" x 12", 6" Projection, Rectangular Molded Rubber Dock Bumper	270.10	23.00
11 13 13 00-0063		T And L Shaped Rubber Dock Bumpers *(11 13 13 00-0049)*		
11 13 13 00-0064	EA	22" x 22", 3" Projection, T Shaped Molded Rubber Dock Bumper	170.58	23.00
11 13 13 00-0065	EA	18" x 18", 4" Projection, L Shaped Molded Rubber Dock Bumper	159.21	23.00
11 13 16		**Loading Dock Seals and Shelters** *(11 13)*		
11 13 16 13		**Loading Dock Seals** *(11 13 16)*		
11 13 16 13-0001		Vinyl Loading Dock Seals *(11 13 16 13)*		
11 13 16 13-0002		Standard Vinyl Loading Dock Seals *(11 13 16 13-0001)*		
11 13 16 13-0003	LF	10" Projection, Standard, Vinyl Loading Dock Seal	94.67	23.00
11 13 16 13-0004	LF	11" Projection, Standard, Vinyl Loading Dock Seal	95.87	23.00

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 16 13-0005	LF	12" Projection, Standard, Vinyl Loading Dock Seal	97.06	23.00
11 13 16 13-0006	LF	13" Projection, Standard, Vinyl Loading Dock Seal	99.46	23.00
11 13 16 13-0007	LF	14" Projection, Standard, Vinyl Loading Dock Seal	101.86	23.00
11 13 16 13-0008	LF	15" Projection, Standard, Vinyl Loading Dock Seal	104.29	23.00
11 13 16 13-0009	LF	16" Projection, Standard, Vinyl Loading Dock Seal	106.72	23.00
11 13 16 13-0010	LF	17" Projection, Standard, Vinyl Loading Dock Seal	109.22	23.00
11 13 16 13-0011	LF	18" Projection, Standard, Vinyl Loading Dock Seal	111.72	23.00
11 13 16 13-0012	LF	19" Projection, Standard, Vinyl Loading Dock Seal	114.11	23.00
11 13 16 13-0013	LF	20" Projection, Standard, Vinyl Loading Dock Seal	116.51	23.00
11 13 16 13-0014	LF	22" Projection, Standard, Vinyl Loading Dock Seal	121.37	23.00
11 13 16 13-0015		8" Exposure Wear Pleats, Vinyl Loading Dock Seals *(11 13 16 13-0001)*		
11 13 16 13-0016	LF	10" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	108.92	23.00
11 13 16 13-0017	LF	11" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	110.12	23.00
11 13 16 13-0018	LF	12" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	111.32	23.00
11 13 16 13-0019	LF	13" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	113.75	23.00
11 13 16 13-0020	LF	14" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	116.18	23.00
11 13 16 13-0021	LF	15" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	118.58	23.00
11 13 16 13-0022	LF	16" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	120.97	23.00
11 13 16 13-0023	LF	17" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	123.40	23.00
11 13 16 13-0024	LF	18" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	125.84	23.00
11 13 16 13-0025	LF	19" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	128.23	23.00
11 13 16 13-0026	LF	20" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	130.70	23.00
11 13 16 13-0027	LF	22" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	135.49	23.00
11 13 16 13-0028		4" Exposure Wear Pleats, Vinyl Loading Dock Seals *(11 13 16 13-0001)*		
11 13 16 13-0029	LF	10" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	116.51	23.00
11 13 16 13-0030	LF	11" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	117.74	23.00
11 13 16 13-0031	LF	12" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	118.98	23.00
11 13 16 13-0032	LF	13" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	121.37	23.00
11 13 16 13-0033	LF	14" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	123.77	23.00
11 13 16 13-0034	LF	15" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	126.20	23.00
11 13 16 13-0035	LF	16" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	128.63	23.00
11 13 16 13-0036	LF	17" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	131.03	23.00
11 13 16 13-0037	LF	18" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	133.43	23.00
11 13 16 13-0038	LF	19" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	135.86	23.00
11 13 16 13-0039	LF	20" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	138.29	23.00
11 13 16 13-0040	LF	22" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	143.22	23.00
11 13 16 13-0041		Vinyl Loading Dock Seals With Drape Curtain *(11 13 16 13)*		
11 13 16 13-0042		Standard, Vinyl Loading Dock Seals With Drape Curtain *(11 13 16 13-0041)*		
11 13 16 13-0043	LF	10" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	88.32	23.00
11 13 16 13-0044	LF	12" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	90.20	23.00
11 13 16 13-0045	LF	14" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	94.37	23.00
11 13 16 13-0046	LF	16" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	98.48	23.00
11 13 16 13-0047	LF	18" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	102.71	23.00
11 13 16 13-0048	LF	20" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	106.82	23.00
11 13 16 13-0049	LF	22" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	110.98	23.00
11 13 16 13-0050		8" Exposure Wear Pleats, Vinyl Loading Dock Seals With Drape Curtain *(11 13 16 13-0041)*		
11 13 16 13-0051	LF	10" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	101.79	23.00
11 13 16 13-0052	LF	12" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	103.73	23.00
11 13 16 13-0053	LF	14" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	107.90	23.00
11 13 16 13-0054	LF	16" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	112.07	23.00
11 13 16 13-0055	LF	18" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	116.18	23.00
11 13 16 13-0056	LF	20" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	120.35	23.00
11 13 16 13-0057	LF	22" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	124.46	23.00
11 13 16 13-0058		4" Exposure Wear Pleats, Vinyl Loading Dock Seals With Drape Curtain *(11 13 16 13-0041)*		
11 13 16 13-0059	LF	10" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	109.10	23.00
11 13 16 13-0060	LF	12" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	110.98	23.00
11 13 16 13-0061	LF	14" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	115.21	23.00
11 13 16 13-0062	LF	16" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	119.32	23.00
11 13 16 13-0063	LF	18" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	123.49	23.00
11 13 16 13-0064	LF	20" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	127.60	23.00
11 13 16 13-0065	LF	22" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	131.82	23.00
11 13 16 23		**Loading Dock Shelters** *(11 13 16)*		
11 13 16 23-0001		Retractable Vinyl Loading Dock Shelter *(11 13 16 23)*		
11 13 16 23-0002	LF	Retractable Vinyl Dock Shelters, Scissor Arms	147.19	28.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 16 23-0003		Rigid Loading Dock Shelters *(11 13 16 23)*		
11 13 16 23-0004	LF	18" Projection, Rigid Loading Dock Shelter	111.28	27.61
11 13 16 23-0005	LF	24" Projection, Rigid Loading Dock Shelter	115.70	27.61
11 13 16 23-0006	LF	30" Projection, Rigid Loading Dock Shelter	120.18	28.76
11 13 16 23-0007	LF	36" Projection, Rigid Loading Dock Shelter	123.23	28.76
11 13 19		**Stationary Loading Dock Equipment** *(11 13)*		
11 13 19 13		**Loading Dock Levelers** *(11 13 19)*		
11 13 19 13-0001		Hydraulic Dock Levelers *(11 13 19 13)*		
		Note: Excludes control panel, remote operator, and electrical wiring.		
11 13 19 13-0002		20,000 Lb. Hydraulic Dock Levelers *(11 13 19 13-0001)*		
11 13 19 13-0003	EA	6' x 6', 20,000 Lb. Hydraulic Dock Leveler	9,116.40	1,002.44
11 13 19 13-0004	EA	6' x 8', 20,000 Lb. Hydraulic Dock Leveler	9,749.95	1,113.81
11 13 19 13-0005	EA	6' x 10', 20,000 Lb. Hydraulic Dock Leveler	11,936.87	1,336.58
11 13 19 13-0006	EA	7' x 6', 20,000 Lb. Hydraulic Dock Leveler	9,700.35	1,113.81
11 13 19 13-0007	EA	7' x 8', 20,000 Lb. Hydraulic Dock Leveler	10,538.64	1,225.20
11 13 19 13-0008	EA	7' x 10', 20,000 Lb. Hydraulic Dock Leveler	12,636.23	1,447.96
11 13 19 13-0009		25,000 Lb. Hydraulic Dock Levelers *(11 13 19 13-0001)*		
11 13 19 13-0010	EA	6' x 6', 25,000 Lb. Hydraulic Dock Leveler	9,303.39	1,002.44
11 13 19 13-0011	EA	6' x 8', 25,000 Lb. Hydraulic Dock Leveler	9,943.13	1,113.81
11 13 19 13-0012	EA	6' x 10', 25,000 Lb. Hydraulic Dock Leveler	12,117.88	1,336.58
11 13 19 13-0013	EA	7' x 6', 25,000 Lb. Hydraulic Dock Leveler	9,882.99	1,113.81
11 13 19 13-0014	EA	7' x 8', 25,000 Lb. Hydraulic Dock Leveler	10,707.53	1,225.20
11 13 19 13-0015	EA	7' x 10', 25,000 Lb. Hydraulic Dock Leveler	12,991.17	1,447.96
11 13 19 13-0016		30,000 Lb. Hydraulic Dock Levelers *(11 13 19 13-0001)*		
11 13 19 13-0017	EA	6' x 6', 30,000 Lb. Hydraulic Dock Leveler	9,742.35	1,169.51
11 13 19 13-0018	EA	6' x 8', 30,000 Lb. Hydraulic Dock Leveler	10,363.19	1,336.58
11 13 19 13-0019	EA	6' x 10', 30,000 Lb. Hydraulic Dock Leveler	12,623.68	1,559.34
11 13 19 13-0020	EA	7' x 6', 30,000 Lb. Hydraulic Dock Leveler	10,363.19	1,336.58
11 13 19 13-0021	EA	7' x 8', 30,000 Lb. Hydraulic Dock Leveler	11,155.18	1,503.65
11 13 19 13-0022	EA	7' x 10', 30,000 Lb. Hydraulic Dock Leveler	13,415.67	1,615.04
11 13 19 13-0023		35,000 Lb. Hydraulic Dock Levelers *(11 13 19 13-0001)*		
11 13 19 13-0024	EA	6' x 6', 35,000 Lb. Hydraulic Dock Leveler	10,082.83	1,225.20
11 13 19 13-0025	EA	6' x 8', 35,000 Lb. Hydraulic Dock Leveler	10,705.30	1,392.28
11 13 19 13-0026	EA	6' x 10', 35,000 Lb. Hydraulic Dock Leveler	12,049.72	1,615.04
11 13 19 13-0027	EA	7' x 6', 35,000 Lb. Hydraulic Dock Leveler	10,705.30	1,392.28
11 13 19 13-0028	EA	7' x 8', 35,000 Lb. Hydraulic Dock Leveler	11,624.84	1,559.34
11 13 19 13-0029	EA	7' x 10', 35,000 Lb. Hydraulic Dock Leveler	13,934.35	1,670.73
11 13 19 13-0030		40,000 Lb. Hydraulic Dock Levelers *(11 13 19 13-0001)*		
11 13 19 13-0031	EA	6' x 6', 40,000 Lb. Hydraulic Dock Leveler	10,672.49	1,225.20
11 13 19 13-0032	EA	6' x 8', 40,000 Lb. Hydraulic Dock Leveler	11,294.16	1,392.28
11 13 19 13-0033	EA	6' x 10', 40,000 Lb. Hydraulic Dock Leveler	13,588.94	1,615.04
11 13 19 13-0034	EA	7' x 6', 40,000 Lb. Hydraulic Dock Leveler	11,294.16	1,392.28
11 13 19 13-0035	EA	7' x 8', 40,000 Lb. Hydraulic Dock Leveler	12,214.69	1,559.34
11 13 19 13-0036	EA	7' x 10', 40,000 Lb. Hydraulic Dock Leveler	14,523.84	1,670.73
11 13 19 13-0037		45,000 Lb. Hydraulic Dock Levelers *(11 13 19 13-0001)*		
11 13 19 13-0038	EA	6' x 6', 45,000 Lb. Hydraulic Dock Leveler	11,168.49	1,280.89
11 13 19 13-0039	EA	6' x 8', 45,000 Lb. Hydraulic Dock Leveler	11,800.42	1,447.96
11 13 19 13-0040	EA	6' x 10', 45,000 Lb. Hydraulic Dock Leveler	14,083.22	1,670.73
11 13 19 13-0041	EA	7' x 6', 45,000 Lb. Hydraulic Dock Leveler	11,802.11	1,447.96
11 13 19 13-0042	EA	7' x 8', 45,000 Lb. Hydraulic Dock Leveler	12,714.95	1,615.04
11 13 19 13-0043	EA	7' x 10', 45,000 Lb. Hydraulic Dock Leveler	15,008.87	1,726.42
11 13 19 13-0044		Manual Dock Levelers *(11 13 19 13)*		
11 13 19 13-0045		20,000 Lb. Manual Dock Levelers *(11 13 19 13-0044)*		
11 13 19 13-0046	EA	6' x 6', 20,000 Lb. Manual Dock Leveler	7,197.52	1,002.44
11 13 19 13-0047	EA	6' x 8', 20,000 Lb. Manual Dock Leveler	7,843.20	1,113.81
11 13 19 13-0048	EA	6' x 10', 20,000 Lb. Manual Dock Leveler	10,017.99	1,336.58
11 13 19 13-0049	EA	7' x 6', 20,000 Lb. Manual Dock Leveler	7,783.21	1,113.81
11 13 19 13-0050	EA	7' x 8', 20,000 Lb. Manual Dock Leveler	8,619.76	1,225.20
11 13 19 13-0051	EA	7' x 10', 20,000 Lb. Manual Dock Leveler	10,913.05	1,336.58
11 13 19 13-0052		40,000 Lb. Manual Dock Levelers *(11 13 19 13-0044)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 19 13-0053	EA	6' x 6', 40,000 Lb. Manual Dock Leveler	8,923.33	1,113.81
11 13 19 13-0054	EA	6' x 8', 40,000 Lb. Manual Dock Leveler	9,545.00	1,225.20
11 13 19 13-0055	EA	6' x 10', 40,000 Lb. Manual Dock Leveler	10,353.86	1,447.96
11 13 19 13-0056	EA	7' x 6', 40,000 Lb. Manual Dock Leveler	9,545.00	1,225.20
11 13 19 13-0057	EA	7' x 8', 40,000 Lb. Manual Dock Leveler	10,862.12	1,336.58
11 13 19 13-0058	EA	7' x 10', 40,000 Lb. Manual Dock Leveler	12,774.69	1,559.34
11 13 19 13-0059		Edge Of Dock Levelers *(11 13 19 13)*		
		Note: Mounted on face of dock, single torsion bar counter balance, includes bumpers.		
11 13 19 13-0060		Hydraulic Edge Of Dock Levelers *(11 13 19 13-0059)*		
		Note: Excludes control panel, remote operator, and electrical wiring.		
11 13 19 13-0061	EA	66" Usable Width, 20,000 Lb. Edge Of Dock Leveler, Hydraulic (Vestil PE-2066)	4,337.89	334.15
11 13 19 13-0062	EA	72" Usable Width, 20,000 Lb. Edge Of Dock Leveler, Hydraulic (Vestil PE-2072)	4,656.31	334.15
11 13 19 13-0063	EA	66" Usable Width, 25,000 Lb. Edge Of Dock Leveler, Hydraulic (Vestil PE-2566)	4,610.23	334.15
11 13 19 13-0064	EA	72" Usable Width, 25,000 Lb. Edge Of Dock Leveler, Hydraulic (Vestil PE-2572)	5,047.36	334.15
11 13 19 13-0065	EA	66" Usable Width, 20,000 Lb. Conventional Trailer, HED Series Edge Of Dock Leveler, Hydraulic (DLM HED6620)	5,556.26	334.15
11 13 19 13-0066	EA	72" Usable Width, 20,000 Lb. Conventional Trailer, HED Series Edge Of Dock Leveler, Hydraulic (DLM HED7220)	5,872.55	334.15
11 13 19 13-0067		Manual Edge Of Dock Levelers *(11 13 19 13-0059)*		
11 13 19 13-0068	EA	66" Usable Width, 20,000 Lb. Edge Of Dock Leveler, Manual (Vestil FM-2066)	2,309.51	334.15
11 13 19 13-0069	EA	72" Usable Width, 20,000 Lb. Edge Of Dock Leveler, Manual (Vestil FM-2072)	2,501.34	334.15
11 13 19 13-0070	EA	66" Usable Width, 25,000 Lb. Edge Of Dock Leveler, Manual (Vestil FM-2566)	2,560.00	334.15
11 13 19 13-0071	EA	72" Usable Width, 25,000 Lb. Edge Of Dock Leveler, Manual (Vestil FM-2572)	2,703.85	334.15
11 13 19 13-0072	EA	66" Usable Width, 25,000 Lb. Conventional Trailer, Edge of Dock Leveler, Manual (Bluff Manufacturing 25EP66)	3,025.98	334.15
11 13 19 13-0073	EA	72" Usable Width, 25,000 Lb. Conventional Trailer, Edge of Dock Leveler, Manual (Bluff Manufacturing 25EP72)	3,443.40	334.15
11 13 19 13-0074	EA	78" Usable Width, 25,000 Lb. Conventional Trailer, Edge Of Dock Leveler, Manual (Bluff Manufacturing 25EP78)	3,750.49	334.15
11 13 19 13-0075	EA	72" Usable Width, 30,000 Lb. Conventional Trailer, Edge of Dock Leveler, Manual (Bluff Manufacturing 30EP72)	3,794.63	334.15
11 13 19 13-0076	EA	66" Usable Width, 20,000 Lb. Refrigerated Truck, Edge of Dock Leveler, Manual (Bluff Manufacturing 20EP66-R)	3,375.36	334.15
11 13 19 13-0077	EA	78" Usable Width, 30,000 Lb. Refrigerated Truck, Edge Of Dock Leveler, Manual (Bluff Manufacturing 30EP78-R)	4,649.70	334.15
11 13 19 13-0078	EA	72" Usable Width, 30,000 Lb. Refrigerated Truck, Edge Of Dock Leveler, Manual (Bluff Manufacturing 30EP72-R)	4,375.71	334.15
11 13 19 23		**Stationary Loading Dock Lifts** *(11 13 19)*		
11 13 19 23-0001		Top Of Ground, Fixed Platform Lifts *(11 13 19 23)*		
11 13 19 23-0002	EA	6' x 8', 5,500 Lb. Top Of Ground, Fixed Platform Lift	18,420.31	231.80
11 13 19 23-0003		Pit Mounted, Fixed Platform Lifts *(11 13 19 23)*		
11 13 19 23-0004	EA	6' x 8', 5,000 Lb. Fixed Platform Lift, Pit Mounted	11,597.83	231.80
11 13 19 23-0005	EA	6' x 8', 8,000 Lb. Fixed Platform Lift, Pit Mounted	20,822.93	347.70
11 13 19 23-0006	EA	7' x 12', 15,000 Lb. Fixed Platform Lift, Pit Mounted	36,473.85	695.42
11 13 19 23-0007	EA	8' x 20', 15,000 Lb. Fixed Platform Lift, Pit Mounted	38,248.72	927.22
11 13 19 26		**Loading Dock Truck Lifts** *(11 13 19)*		
11 13 19 26-0001		Hydraulic Truck Lifts *(11 13 19 26)*		
11 13 19 26-0002	EA	10' x 15', 60,000 Lb. Platform Truck Lift	34,529.78	2,130.85
11 13 19 26-0003	EA	10' x 20', 60,000 Lb. Platform Truck Lift	39,537.99	2,557.02
11 13 19 33		**Loading Dock Truck Restraints** *(11 13 19)*		
11 13 19 33-0001		Truck Restraint System *(11 13 19 33)*		
11 13 19 33-0002	EA	Electrical Operated Loading Dock Ground Mounted Vehicle Restraint (Serco SL-60) Note: Includes Integrated Control Panel & Automatic Light Communication Package, minimum 32,000 Lb. restraint capacity and Manufacturer's standard concrete anchor bolts and brackets for ground mounting to concrete apron.	11,345.91	417.68
11 13 19 33-0003	EA	Push Button Rotating Hook Trailer Restraint With Automatic Lights (Kelley Star 4) Note: Includes push button controls, warning lights, alarms, minimum 32,000 Lb. restraint capacity, all mounting plates, bolts, welds, warning signs, gasketed weatherproof box for controls, 120 V UL listed.	11,858.15	417.68
11 13 19 33-0004	EA	Truck Restraint System (Poweramp Powerstop AAL) Note: Includes push button controls, warning lights, alarms, 30,000 Lb. holding force, all mounting plates, bolts, welds, warning signs, gasketed weatherproof box for controls, 120 V UL listed.	8,236.33	417.68
11 13 23		**Portable Dock Equipment** *(11 13)*		
11 13 23 23		**Portable Dock Platforms** *(11 13 23)*		
11 13 23 23-0001	EA	6' x 6', 5,000 Lb. Capacity Portable Platform Lift	16,682.56	130.78
11 13 26		**Loading Dock Lights** *(11 13)*		
11 13 26 00-0001		Communication Lights *(11 13 26)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 26 00-0002	EA	Console Controlled, Dock Communication Light, Stop And Go Red Light Style, 12 Or 24 Volt DC Or 115 Volt AC Note: Excludes control console.	417.28	98.37
11 13 26 00-0003	EA	Toggle Switch Controlled, Dock Communication Light, Stop And Go Red Light Style, With Solid State Flasher, 12 Or 24 Volt DC Or 115 Volt AC	521.59	98.37
11 13 26 00-0004	EA	Dock Guide Light For Truck Backing	226.53	78.70
11 13 26 00-0005		Communication Lights Controls *(11 13 26)*		
11 13 26 00-0006	EA	Dock Communication Lights Control Console For Up To Two Docks	441.13	131.16
11 13 26 00-0007		Loading Dock Lights *(11 13 26)*		
11 13 26 00-0008		Incandescent Loading Dock Lights *(11 13 26 00-0007)*		
11 13 26 00-0009	EA	24" Long, Single Arm Loading Dock Light, 300W Incandescent	480.14	131.16
11 13 26 00-0010	EA	40" Long, Dual Arm Loading Dock Light, 300W Incandescent	430.24	131.16
11 13 26 00-0011	EA	60" Long, Dual Arm Loading Dock Light, 300W Incandescent	556.13	131.16
11 13 26 00-0012		Metal Halide Loading Dock Lights *(11 13 26 00-0007)*		
11 13 26 00-0013	EA	24" Long, Single Arm Loading Dock Light, 100W Metal Halide	652.63	131.16
11 13 26 00-0014	EA	40" Long, Dual Arm Loading Dock Light, 100W Metal Halide	711.77	131.16
11 13 26 00-0015	EA	60" Long, Dual Arm Loading Dock Light, 100W Metal Halide	759.06	131.16
11 13 26 00-0016		Quartz Halogen Loading Dock Lights *(11 13 26 00-0007)*		
11 13 26 00-0017	EA	24" Long, Single Arm Loading Dock Light, 500W Quartz Halogen	423.59	131.16
11 13 26 00-0018	EA	40" Long, Dual Arm Loading Dock Light, 500W Quartz Halogen	461.01	131.16
11 13 26 00-0019	EA	60" Long, Dual Arm Loading Dock Light, 500W Quartz Halogen	492.94	131.16

11 14 Pedestrian Control Equipment *(11 10)*

11 14 13 Pedestrian Gates *(11 14)*

11 14 13 16 Rotary Gates *(11 14 13)*

11 14 13 16-0001		Access Control Indoor Or Outdoor Impenetrability *(11 14 13 16)*		
11 14 13 16-0002		Mechanical *(11 14 13 16-0001)*		
11 14 13 16-0003		Galvanized Steel *(11 14 13 16-0002)*		
11 14 13 16-0004	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Galvanized Steel	13,089.08	1,541.27
11 14 13 16-0005	EA	One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Galvanized Steel	14,818.29	1,541.27
11 14 13 16-0006	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, 4 Rotor Sections, Galvanized Steel	29,672.91	2,299.52
11 14 13 16-0007	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Or 4 Rotor Sections, Galvanized Steel	28,719.30	2,299.52
11 14 13 16-0008		Powder Coated Steel *(11 14 13 16-0002)*		
11 14 13 16-0009	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel	14,840.54	1,541.27
11 14 13 16-0010	EA	One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Powder Coated Steel	16,503.00	1,541.27
11 14 13 16-0011	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel	35,111.66	2,299.52
11 14 13 16-0012	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel	31,592.84	2,299.52
11 14 13 16-0013		Anodized Aluminum *(11 14 13 16-0002)*		
11 14 13 16-0014	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	15,600.25	1,541.27
11 14 13 16-0015	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Complete Anodized Aluminum	27,237.47	1,541.27
11 14 13 16-0016	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	31,452.98	2,299.52
11 14 13 16-0017	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Complete Anodized Aluminum	53,373.29	2,299.52
11 14 13 16-0018		Stainless Steel *(11 14 13 16-0002)*		
11 14 13 16-0019	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel	24,802.59	1,541.27
11 14 13 16-0020	EA	One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Stainless Steel	27,873.21	1,541.27
11 14 13 16-0021	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel	39,844.75	2,299.52
11 14 13 16-0022	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel	49,825.86	2,299.52
11 14 13 16-0023		Transparent *(11 14 13 16-0002)*		
11 14 13 16-0024	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Transparent	49,488.37	1,541.51
11 14 13 16-0025		Mechanical Options *(11 14 13 16-0001)*		
11 14 13 16-0026	EA	Out-of-Use Lock Option, Add	270.19	
11 14 13 16-0027	EA	Heel Protector (Each Heel Protector), Add	190.72	
11 14 13 16-0028		Electrical, One-Way *(11 14 13 16-0001)*		
11 14 13 16-0029		Galvanized Steel *(11 14 13 16-0028)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 14 13 16-0030	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	13,855.14	1,541.27
11 14 13 16-0031	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel	15,587.54	1,541.27
11 14 13 16-0032	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	32,533.74	2,299.52
11 14 13 16-0033	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	29,955.81	2,299.52
11 14 13 16-0034	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel	32,533.74	2,299.52
11 14 13 16-0035		**Powder Coated Steel** *(11 14 13 16-0028)*		
11 14 13 16-0036	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	15,603.43	1,541.27
11 14 13 16-0037	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel	17,539.26	1,541.27
11 14 13 16-0038	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	43,687.79	2,299.52
11 14 13 16-0039	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	32,845.25	2,299.52
11 14 13 16-0040	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel	35,429.53	2,299.52
11 14 13 16-0041		**Anodized Aluminum** *(11 14 13 16-0028)*		
11 14 13 16-0042	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	15,921.30	1,541.27
11 14 13 16-0043	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	16,906.70	1,541.27
11 14 13 16-0044	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	28,191.08	1,541.27
11 14 13 16-0045	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	33,204.44	2,299.52
11 14 13 16-0046	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	36,983.92	2,299.52
11 14 13 16-0047	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	55,023.04	2,299.52
11 14 13 16-0048		**Stainless Steel** *(11 14 13 16-0028)*		
11 14 13 16-0049	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	26,407.83	1,541.27
11 14 13 16-0050	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	28,283.26	1,541.27
11 14 13 16-0051	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	45,807.99	2,299.52
11 14 13 16-0052	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	52,276.64	2,299.52
11 14 13 16-0053	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	57,677.25	2,299.52
11 14 13 16-0054		**Transparent** *(11 14 13 16-0028)*		
11 14 13 16-0055	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	45,111.30	1,541.51
11 14 13 16-0056	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	47,768.69	1,541.51
11 14 13 16-0057	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Panels	48,928.92	1,541.51
11 14 13 16-0058	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	80,532.11	2,299.52
11 14 13 16-0059	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	85,649.81	2,299.52
11 14 13 16-0060		**Electrical, Two-Way** *(11 14 13 16-0001)*		
11 14 13 16-0061		**Galvanized Steel** *(11 14 13 16-0060)*		
11 14 13 16-0062	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	14,961.33	1,541.27
11 14 13 16-0063	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel	16,744.58	1,541.27
11 14 13 16-0064	EA	Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	38,611.41	2,299.52
11 14 13 16-0065	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	31,929.78	2,299.52
11 14 13 16-0066		**Powder Coated Steel** *(11 14 13 16-0060)*		
11 14 13 16-0067	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	16,572.93	1,541.27
11 14 13 16-0068	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel	18,620.02	1,541.27
11 14 13 16-0069	EA	Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	44,647.76	2,299.52
11 14 13 16-0070	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	34,835.11	2,299.52
11 14 13 16-0071		**Anodized Aluminum** *(11 14 13 16-0060)*		
11 14 13 16-0072	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	17,011.59	1,541.27
11 14 13 16-0073	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	17,952.49	1,541.27
11 14 13 16-0074	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	29,459.38	1,541.27
11 14 13 16-0075	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	35,426.35	2,299.52
11 14 13 16-0076	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	57,086.01	2,299.52
11 14 13 16-0077		**Stainless Steel** *(11 14 13 16-0060)*		
11 14 13 16-0078	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	27,482.23	1,541.27
11 14 13 16-0079	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	29,389.45	1,541.27
11 14 13 16-0080	EA	Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	46,596.30	2,299.52
11 14 13 16-0081	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	53,865.99	2,299.52
11 14 13 16-0082	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	59,870.56	2,299.52
11 14 13 16-0083		**Transparent** *(11 14 13 16-0060)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 14 13 16-0084	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	46,033.12	1,541.51
11 14 13 16-0085	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	48,531.58	1,541.51
11 14 13 16-0086	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Panels	49,965.18	1,541.51
11 14 13 16-0087	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	82,471.11	2,299.52
11 14 13 16-0088	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	87,239.16	2,299.52
11 14 13 16-0089		Electrical Options *(11 14 13 16-0001)*		
11 14 13 16-0090	EA	Additional Set Of Electric Controls, Per Rotor, Add	1,058.51	
11 14 13 16-0091	EA	Indicator Lights, Set, Red/Green, Per Controlled Direction, Add	743.82	
11 14 13 16-0092	EA	Time-Out-Relay, Per Controlled Direction	244.76	
11 14 13 16-0093	EA	Pulse-Relay, Per Controlled Direction	244.76	
11 14 13 16-0094	EA	Pushbutton, Per Controlled Direction	193.90	
11 14 13 16-0095	EA	Heel Protectors, (Per Heel Protector), Add	190.72	
11 14 13 16-0096	EA	Card Reader Mounting Pad, Per Reader	174.83	
11 14 13 16-0097	EA	Hydraulic Speed Control (Per Rotor), Add	4,440.64	
11 14 13 16-0098		Relocate Rotary Gate *(11 14 13 16-0001)*		
11 14 13 16-0099	EA	Relocate Rotary Gate	4,527.45	
11 14 13 19		**Turnstiles** *(11 14 13)*		
11 14 13 19-0001		Turnstiles *(11 14 13 19)*		
11 14 13 19-0002	EA	24" Diameter Manual Turnstile, Three Arm, Two Way	2,820.46	434.64
11 14 13 19-0003	EA	24" Diameter Manual Turnstile, Three Arm, Two Way With Counter	3,715.50	434.64
11 14 16		**Pedestrian Control Devices** *(11 14)*		
11 14 16 00-0001		Retractable Barrier *(11 14 16)*		
11 14 16 00-0002	EA	Wall Mounted, Retractable Belt Barrier With Receiver; 6-1/2' (WG269387BK)	106.36	23.54
11 14 16 00-0003	EA	Wall Mounted, Retractable Belt Barrier With Receiver; 10' (WGB2093791)	190.62	23.54
11 14 16 00-0004	EA	Wall Mounted, Retractable Belt Barrier With Receiver; 15' (WGB2093770)	232.76	23.54
11 14 16 00-0005	EA	Wall Mounted, Retractable Belt Barrier With Receiver; 30' (WGB2093771)	380.23	23.54

11 20 Commercial Equipment *(11)*

11 21 Retail and Service Equipment *(11 20)*

11 21 63 Refrigerated Display Equipment *(11 21)*

11 21 63 00-0001		Dairy Products *(11 21 63)*		
11 21 63 00-0002		Refrigerated Dairy Case *(11 21 63 00-0001)*		
11 21 63 00-0003	LF	Refrigerated Case, Dairy, Multi-Deck	1,932.43	374.07
		For Rear Sliding Doors, Add	*19.95*	
11 21 63 00-0004		Refrigerated Milk Unit *(11 21 63 00-0001)*		
11 21 63 00-0005	EA	46" x 32" x 49-1/2" Capacity: 12, 13" x 13" x 11" Refrigerated Milk Unit	9,122.91	271.62
11 21 63 00-0006		Refrigerated Ice Cream And Milk Dispenser *(11 21 63 00-0001)*		
11 21 63 00-0007	EA	63-1/2" x 28-1/2" x 35-3/8" Refrigerated Ice Cream And Milk Dispenser	10,114.59	298.29
11 21 63 00-0008		Ice Cream Dispenser *(11 21 63 00-0001)*		
11 21 63 00-0009	EA	46" x 28-1/2" x 35-3/8" Refrigerated Ice Cream Dispenser	8,448.07	251.16
11 21 63 00-0010		Drop-In Ice Cream Freezer *(11 21 63 00-0001)*		
11 21 63 00-0011	EA	27-7/8" x 16-9/16" x 28-1/4" 6 Gallon Drop-In Ice Cream Freezer	2,106.78	62.51
11 21 63 00-0012	EA	30" x 27-7/8" x 28-1/4" 12 Gallon Drop-In Ice Cream Freezer	2,753.05	81.73
11 21 63 00-0013		Ice Cream Cabinets *(11 21 63 00-0001)*		
11 21 63 00-0014	EA	46" x 32" x 42", 24 Gallon Ice Cream Cabinet	6,598.48	195.34
11 21 63 00-0015	EA	68" x 32" x 42", 48 Gallon Ice Cream Cabinet	9,400.11	281.91
11 21 63 00-0016		Delicatessen Case, Service Deli *(11 21 63)*		
11 21 63 00-0017	LF	Delicatessen Case, Single-Deck	1,908.30	311.73
11 21 63 00-0018	LF	Delicatessen Case, Multi-Deck	2,141.09	374.07
11 21 63 00-0019	EA	Delicatessen Case, 3 Shelf, 32" x 23" x 23"	2,429.66	81.11
11 21 63 00-0020		Meat Case *(11 21 63)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 21 63 00-0021	LF	Meat Case, Single - Deck	1,424.88	374.07
11 21 63 00-0022	LF	Meat Case, Multi - Deck	1,543.03	374.07
11 21 63 00-0023		Produce Case *(11 21 63)*		
11 21 63 00-0024	LF	Single Deck Produce Case	1,482.73	374.07
11 21 63 00-0025	LF	Multi-Deck Produce Case	1,635.35	374.07
11 21 63 00-0026		Bottle Coolers *(11 21 63)*		
11 21 63 00-0027	EA	Bottle Cooler, 6' Long	5,492.57	1,246.91
11 21 63 00-0028	EA	Bottle Cooler, 10' Long	8,310.18	1,870.35
11 21 63 00-0029		Cold Pan Units *(11 21 63)*		
11 21 63 00-0030	EA	5" x 48", Iced, Cold Pan Units	3,377.07	99.47
11 21 63 00-0031	EA	5" x 72", Iced, Cold Pan Units	4,691.98	139.15
11 21 63 00-0032	EA	8" x 72", Iced, Cold Pan Units	5,547.66	164.59
11 21 63 00-0033	EA	5" x 48", Mechanical, Cold Pan Units	5,703.25	170.04
11 21 63 00-0034	EA	8" x 48", Mechanical, Cold Pan Units	6,207.25	183.56
11 21 63 00-0035	EA	8" x 72", Mechanical, Cold Pan Units	7,375.41	216.92
11 21 63 00-0036		Cold Cabinets (Insulated) *(11 21 63)*		
11 21 63 00-0037	EA	69-3/4" x 32" x 24", Insulated Cold Cabinet	3,066.07	86.08

11 22 Banking Equipment *(11 20)*

11 22 13 Vault Equipment *(11 22)*

11 22 13 16 Safes *(11 22 13)*

11 22 13 16-0001		In Room Safes *(11 22 13 16)*		
11 22 13 16-0002	EA	8-1/8" x 7-3/16" x 10-3/16" Keypad Operated In Room Electronic Safe (SafeDecisions Sentinel 25)	864.94	11.50
11 22 13 16-0003	EA	8-1/8" x 7-3/16" x 16-5/8" Keypad Operated In Room Electronic Safe (SafeDecisions Sentinel 41)	809.19	11.50
11 22 13 16-0004	EA	8-1/8" x 7-3/16" x 19-13/16" Keypad Operated In Room Electronic Safe (SafeDecisions Sentinel 49)	842.64	11.50
11 22 13 16-0005	EA	8-1/8" x 7-3/16" x 10-3/16" Keypad (Lighted) Operated In Room Electronic Safe (SafeDecisions Infinity 25) Note: Keypad lights up blue and beeps when buttons pushed. Includes light on inside of safe door.	942.98	11.50
11 22 13 16-0006	EA	8-1/8" x 7-3/16" x 16-5/8" Keypad (Lighted) Operated In Room Electronic Safe (SafeDecisions Infinity 41) Note: Keypad lights up blue and beeps when buttons pushed. Includes light on inside of safe door.	976.42	11.50
11 22 13 16-0007	EA	8-1/8" x 7-3/16" x 19-13/16" Keypad (Lighted) Operated In Room Electronic Safe (SafeDecisions Infinity 49) Note: Keypad lights up blue and beeps when buttons pushed. Includes light on inside of safe door.	1,009.87	11.50
11 22 13 16-0008	EA	7-5/8" x 14" x 10-11/16" Keypad Operated In Drawer Electronic Safe (SafeDecisions X-Tra II-XD 27) Note: Includes security wire.	640.02	14.38
11 22 13 16-0009	EA	7-5/8" x 14" x 17-1/2" Keypad Operated In Drawer Electronic Safe (SafeDecisions X-Tra II-XD 43) Note: Includes security wire.	662.31	14.38
11 22 13 16-0010	EA	7-5/8" x 14" x 20-3/16" Keypad Operated In Drawer Electronic Safe (SafeDecisions X-Tra II-XD 50) Note: Includes security wire.	684.61	14.38

11 30 Residential Equipment *(11)*

11 30 13 Residential Appliances *(11 30)*

11 30 13 13 Residential Kitchen Appliances *(11 30 13)*

Note: Includes standard colors. Excludes stainless steel.

11 30 13 13-0001		Ranges With Ovens *(11 30 13 13)* Note: Free standing or slide in.		
11 30 13 13-0002		Electric Ranges With Ovens *(11 30 13 13-0001)*		
11 30 13 13-0003	EA	20" Electric Range With Oven	863.69	104.62
		For Stainless Steel, Add	*163.61*	
11 30 13 13-0004	EA	24" Electric Range With Oven	901.20	104.62
		For Stainless Steel, Add	*172.99*	
11 30 13 13-0005	EA	30" Electric Range With Oven	852.82	104.62
		For Stainless Steel, Add	*187.05*	
11 30 13 13-0006	EA	30" Free-Standing Electric Range With Oven (Hotpoint® RB525DHWW)	1,057.88	104.62
11 30 13 13-0007		Gas Ranges With Ovens *(11 30 13 13-0001)*		
11 30 13 13-0008	EA	20" Gas Range With Oven	957.45	104.62
		For Stainless Steel, Add	*187.05*	
11 30 13 13-0009	EA	24" Gas Range With Oven (Hot Point model # RGA724EKWH, White)	1,006.21	104.62
		For Stainless Steel, Add	*199.24*	
11 30 13 13-0010	EA	30" Gas Range With Oven (Kenmore Model # 72902 - White)	1,051.21	104.62
		For Stainless Steel, Add	*210.49*	
11 30 13 13-0011		Range Hoods *(11 30 13 13)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 30 13 13-0012		**Venting Range Hoods** *(11 30 13 13-0011)*		
11 30 13 13-0013	EA	21" Venting Range Hood (Broan 40000)	304.49	78.47
		For Stainless Steel, Add	*22.13*	
11 30 13 13-0014	EA	24" Venting Range Hood (Broan 40000)	282.57	78.47
		For Stainless Steel, Add	*18.85*	
11 30 13 13-0015	EA	30" Venting Range Hood (Broan 40000/42000)	278.72	78.47
		For Stainless Steel, Add	*18.27*	
11 30 13 13-0016	EA	36" Venting Range Hood (Broan 40000/42000)	282.57	78.47
		For Stainless Steel, Add	*18.85*	
11 30 13 13-0017		**Non-Ducted Range Hoods** *(11 30 13 13-0011)*		
11 30 13 13-0018	EA	21" Non-Ducted Range Hood (Broan 41000)	307.32	78.47
		For Stainless Steel, Add	*22.56*	
11 30 13 13-0019	EA	24" Non-Ducted Range Hood (Broan 41000)	285.47	78.47
		For Stainless Steel, Add	*19.28*	
11 30 13 13-0020	EA	30" Non-Ducted Range Hood (Broan 41000/46000)	281.61	78.47
		For Stainless Steel, Add	*18.70*	
11 30 13 13-0021	EA	36" Non-Ducted Range Hood (Broan 41000/46000)	285.47	78.47
		For Stainless Steel, Add	*19.28*	
11 30 13 13-0022		**Microwaves** *(11 30 13 13)*		
11 30 13 13-0023		**Countertop Microwaves** *(11 30 13 13-0022)*		
11 30 13 13-0024	EA	1.1 CF Countertop Microwave Oven	179.93	13.08
		For Stainless Steel, Add	*23.07*	
11 30 13 13-0025	EA	1.2 CF Countertop Microwave Oven	213.66	13.08
		For Stainless Steel, Add	*28.13*	
11 30 13 13-0026	EA	1.3 CF Countertop Microwave Oven	219.29	13.08
		For Stainless Steel, Add	*28.97*	
11 30 13 13-0027	EA	1.4 CF Countertop Microwave Oven	268.06	13.08
		For Stainless Steel, Add	*36.29*	
11 30 13 13-0028	EA	1.5 CF Countertop Microwave Oven	286.81	13.08
		For Stainless Steel, Add	*39.10*	
11 30 13 13-0029	EA	1.6 CF Countertop Microwave Oven	305.56	13.08
		For Stainless Steel, Add	*41.91*	
11 30 13 13-0030	EA	1.7 CF Countertop Microwave Oven	324.32	13.08
		For Stainless Steel, Add	*44.72*	
11 30 13 13-0031	EA	1.8 CF Countertop Microwave Oven	343.07	13.08
		For Stainless Steel, Add	*47.54*	
11 30 13 13-0032	EA	2.0 CF Countertop Microwave Oven	363.68	13.08
		For Stainless Steel, Add	*50.63*	
11 30 13 13-0033		**Over-The-Range Microwaves** *(11 30 13 13-0022)*		
11 30 13 13-0034	EA	1.5 CF Over-The Range Microwave	636.19	104.61
		For Stainless Steel, Add	*71.89*	
11 30 13 13-0035	EA	1.6 CF Over-The Range Microwave	717.59	104.61
		For Stainless Steel, Add	*84.10*	
11 30 13 13-0036	EA	1.7 CF Over-The Range Microwave	743.83	104.61
		For Stainless Steel, Add	*88.04*	
11 30 13 13-0037	EA	1.8 CF Over-The Range Microwave	940.72	104.61
		For Stainless Steel, Add	*117.57*	
11 30 13 13-0038	EA	2.0 CF Over-The Range Microwave	755.10	104.61
		For Stainless Steel, Add	*89.73*	
11 30 13 13-0039	EA	1.6 CF Over-the-Range Microwave (Hotpoint® RVM5160DHWW)	536.98	78.46
11 30 13 13-0040		**Trash Compactors** *(11 30 13 13)*		
11 30 13 13-0041	EA	15" Built-In Trash Compactor, 4 To 1 Compaction	1,426.25	104.62
		For Stainless Steel, Add	*219.06*	
11 30 13 13-0042		**Refrigerators** *(11 30 13 13)*		
11 30 13 13-0043		**Top Freezer Refrigerators** *(11 30 13 13-0042)*		
11 30 13 13-0044	EA	Up To 10 CF Top Freezer Refrigerator	704.67	52.32
		For Stainless Steel, Add	*90.01*	
11 30 13 13-0045	EA	>10 To 12 CF Top Freezer Refrigerator	852.82	52.32
		For Stainless Steel, Add	*112.23*	
11 30 13 13-0046	EA	>12 To 14 CF Top Freezer Refrigerator	948.44	52.32
		For Stainless Steel, Add	*126.57*	
11 30 13 13-0047	EA	>14 To 16 CF Top Freezer Refrigerator	1,004.70	52.32
		For Stainless Steel, Add	*135.01*	
11 30 13 13-0048	EA	>16 To 18 CF Top Freezer Refrigerator	1,154.71	52.32
		For Stainless Steel, Add	*157.51*	
11 30 13 13-0049	EA	>18 To 20 CF Top Freezer Refrigerator	1,284.12	52.32
		For Stainless Steel, Add	*176.93*	
11 30 13 13-0050	EA	>20 To 22 CF Top Freezer Refrigerator	1,379.74	52.32
		For Stainless Steel, Add	*191.27*	
11 30 13 13-0051	EA	14.6 CF, Top-Freezer Refrigerator (Hotpoint® ENERGY STAR® HPE15BTHWW)	1,409.73	52.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

11 30 13 13-0052 Side-By-Side Refrigerators *(11 30 13 13-0042)*

11 30 13 13-0053	EA	Up To 22 CF Side-By-Side Refrigerator	1,417.04	52.32
		For Stainless Steel, Add	*196.86*	
11 30 13 13-0054	EA	>22 To 24 CF Side-By-Side Refrigerator	1,754.78	52.32
		For Stainless Steel, Add	*247.52*	
11 30 13 13-0055	EA	>24 To 26 CF Side-By-Side Refrigerator	1,979.80	52.32
		For Stainless Steel, Add	*281.28*	

11 30 13 13-0056 Other Refrigerators *(11 30 13 13-0042)*

11 30 13 13-0057	EA	1.7 CF Dormitory Sized Refrigerator	236.28	26.16
		For Stainless Steel, Add	*27.59*	
11 30 13 13-0058	EA	4.4 CF Dormitory Sized Refrigerator	320.66	26.16
		For Stainless Steel, Add	*40.25*	

11 30 13 13-0059 Freezers *(11 30 13 13)*

11 30 13 13-0060 Upright Freezers *(11 30 13 13-0059)*

11 30 13 13-0061	EA	Up To 10 CF Upright Freezer	665.30	52.32
		For Stainless Steel, Add	*84.10*	
11 30 13 13-0062	EA	>10 To 12 CF Upright Freezer	852.82	52.32
		For Stainless Steel, Add	*112.23*	
11 30 13 13-0063	EA	>12 To 14 CF Upright Freezer	909.08	52.32
		For Stainless Steel, Add	*120.67*	
11 30 13 13-0064	EA	>14 To 16 CF Upright Freezer	1,040.34	52.32
		For Stainless Steel, Add	*140.36*	
11 30 13 13-0065	EA	>16 To 18 CF Upright Freezer	1,192.22	52.32
		For Stainless Steel, Add	*163.14*	
11 30 13 13-0066	EA	>18 To 20 CF Upright Freezer	1,267.24	52.32
		For Stainless Steel, Add	*174.39*	
11 30 13 13-0067	EA	>20 To 22 CF Upright Freezer	1,323.48	52.32
		For Stainless Steel, Add	*182.83*	

11 30 13 13-0068 Chest Freezers *(11 30 13 13-0059)*

11 30 13 13-0069	EA	Up To 8 CF Chest Freezer	535.90	52.32
		For Stainless Steel, Add	*64.69*	
11 30 13 13-0070	EA	>8 To 10 CF Chest Freezer	667.16	52.32
		For Stainless Steel, Add	*84.38*	
11 30 13 13-0071	EA	>10 To 12 CF Chest Freezer	714.06	52.32
		For Stainless Steel, Add	*91.42*	
11 30 13 13-0072	EA	>12 To 14 CF Chest Freezer	798.43	52.32
		For Stainless Steel, Add	*104.07*	
11 30 13 13-0073	EA	>14 To 16 CF Chest Freezer	852.82	52.32
		For Stainless Steel, Add	*112.23*	
11 30 13 13-0074	EA	>16 To 18 CF Chest Freezer	1,040.34	52.32
		For Stainless Steel, Add	*140.36*	
11 30 13 13-0075	EA	>18 To 20 CF Chest Freezer	1,284.12	52.32
		For Stainless Steel, Add	*176.93*	
11 30 13 13-0076	EA	>20 To 22 CF Chest Freezer	1,323.48	52.32
		For Stainless Steel, Add	*182.83*	

11 30 13 13-0077 Automatic Ice Makers *(11 30 13 13)*

11 30 13 13-0078	EA	15" Wide, 50 Lb. Per Day, Automatic Ice Maker	2,455.74	104.62
11 30 13 13-0079	EA	18" Wide, 50 Lb. Per Day, Automatic Ice Maker	2,737.02	104.62

11 30 13 13-0080 Built-In Dishwashers *(11 30 13 13)*

11 30 13 13-0081	EA	18" Built-In Dishwasher	1,203.09	104.62
		For Stainless Steel, Add	*149.08*	
11 30 13 13-0082	EA	24" Built-In Dishwasher	809.30	104.62
		For Stainless Steel, Add	*90.01*	

11 30 13 13-0083 Removal And Reinstallation Of Kitchen Equipment *(11 30 13 13)*

Note: Includes storage, cleaning and final connections.

11 30 13 13-0084	EA	Removal And Reinstallation Of Garbage Disposal	156.93	
11 30 13 13-0085	EA	Removal And Reinstallation Of Stove/Range	313.87	
11 30 13 13-0086	EA	Removal And Reinstallation Of Dishwasher	334.80	
11 30 13 13-0087	EA	Removal And Reinstallation Of Range Hood	156.93	
11 30 13 13-0088	EA	Removal And Reinstallation Of Washer And Dryer	261.57	

11 30 13 13-0089 Appliance Repair *(11 30 13 13)*

Note: Includes removal.

11 30 13 13-0090	EA	8" Burner Replacement	34.68	
11 30 13 13-0091	EA	4" Burner Element Replacement	60.47	
11 30 13 13-0092	EA	8" Burner Element Replacement	69.62	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 30 13 13-0093	EA	Burner Manifold Replacement	238.98	
11 30 13 13-0094	EA	Burner Switch Replacement	96.18	
11 30 13 13-0095	EA	Burner Tube, 5/8" x 4' Replacement	45.69	
11 30 13 13-0096	EA	Oven Control Replacement	115.01	
11 30 13 13-0097	EA	Oven Door Gasket Replacement	47.00	
11 30 13 13-0098	EA	Oven Element Replacement	107.82	
11 30 13 13-0099	EA	Oven Igniter Replacement	77.58	
11 30 13 13-0100	EA	Oven Knobs Replacement	59.04	
11 30 13 13-0101		Accessories *(11 30 13 13)*		
11 30 13 13-0102	SF	Colored Metal Range Splash Plate	19.23	4.18
11 30 13 13-0103	SF	Stainless Steel Range Splash Plate	27.96	4.18
11 30 13 13-0104		Automatic Water Softener *(11 30 13 13)*		
11 30 13 13-0105	EA	30,000 Grain Capacity, Water Softener (Whirlpool WHES30)	1,263.69	229.54
11 30 13 13-0106	EA	40,000 Grain Capacity, Water Softener (Whirlpool WHES40)	1,494.04	229.54
11 30 13 23		**Residential Laundry Appliances** *(11 30 13)*		
11 30 13 23-0001		Washing Machines And Dryers *(11 30 13 23)*		
11 30 13 23-0002		Washing Machines *(11 30 13 23-0001)*		
11 30 13 23-0003	EA	Up To 3.5 CF, Top Load Washing Machine	925.74	104.62
11 30 13 23-0004	EA	>3.5 To 4 CF, Top Load Washing Machine	1,469.55	104.62
11 30 13 23-0005	EA	>4 To 5 CF, Top Load Washing Machine	1,938.35	104.62
11 30 13 23-0006		Dryers *(11 30 13 23-0001)*		
11 30 13 23-0007		Electric Dryers *(11 30 13 23-0006)*		
11 30 13 23-0008	EA	Up To 6 CF, Electric Dryer	717.61	104.62
11 30 13 23-0009	EA	>6 To 6.5 CF, Electric Dryer	906.99	104.62
11 30 13 23-0010	EA	>6.5 To 7 CF, Electric Dryer	1,113.26	104.62
11 30 13 23-0011	EA	>7 To 7.5 CF, Electric Dryer	1,263.28	104.62
11 30 13 23-0012		Gas Dryers *(11 30 13 23-0006)*		
11 30 13 23-0013	EA	Up To 6 CF, Gas Dryer	850.74	104.62
11 30 13 23-0014	EA	>6 To 6.5 CF, Gas Dryer	1,038.26	104.62
11 30 13 23-0015	EA	>6.5 To 7 CF, Gas Dryer	1,225.57	104.62
11 30 13 23-0016	EA	>7 To 7.5 CF, Gas Dryer	1,394.54	104.62
11 30 13 23-0017		Stacked Washer And Dryers *(11 30 13 23-0001)*		
11 30 13 23-0018	EA	27" Wide x 75-1/2" High, Stacked Top Load Washing Machine And Electric Dryer (Frigidare GLET 1031FS)	2,048.64	183.09
11 30 33		**Retractable Stairs** *(11 30)*		
11 30 33 00-0001		Disappearing Folding Access Stairs *(11 30 33)*		
11 30 33 00-0002		250 Lb. Capacity, Wood Folding Access Stairs *(11 30 33 00-0001)*		
11 30 33 00-0003	EA	22-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 250 Lb. Capacity	821.46	230.19
11 30 33 00-0004	EA	22-1/2" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Wood Folding Access Stairs, 250 Lb. Capacity	838.82	230.19
11 30 33 00-0005	EA	25-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 250 Lb. Capacity	838.82	230.19
11 30 33 00-0006	EA	25-1/2" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Wood Folding Access Stairs, 250 Lb. Capacity	855.75	230.19
11 30 33 00-0007		350 Lb. Capacity, Wood Folding Access Stairs *(11 30 33 00-0001)*		
11 30 33 00-0008	EA	22-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	979.92	230.19
11 30 33 00-0009	EA	22-1/2" x 54" Rough Opening, 8' 9" To 10' 3" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,015.02	230.19
11 30 33 00-0010	EA	25-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,000.59	230.19
11 30 33 00-0011	EA	25-1/2" x 54" Rough Opening, 8' 9" To 10' 3" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,034.12	230.19
11 30 33 00-0012	EA	30" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,020.63	230.19
11 30 33 00-0013	EA	30" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,078.59	230.19
11 30 33 00-0014		350 Lb. Capacity, Wood Folding Access Stairs *(11 30 33 00-0001)* Note: 1 x 6 treads, 1 x 5 stringers. Bessler Stairway Company, Model Space Saver.		
11 30 33 00-0015	EA	22-1/2" x 48" Rough Opening, 8' 5" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,266.54	230.19
11 30 33 00-0016	EA	22-1/2" x 54" Rough Opening, 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,315.40	230.19
11 30 33 00-0017	EA	22-1/2" x 54" Rough Opening, 10' Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,364.25	230.19
11 30 33 00-0018	EA	22-1/2" x 60" Rough Opening, 9' 3" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,364.25	230.19
11 30 33 00-0019	EA	22-1/2" x 60" Rough Opening, 10' Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,388.68	230.19
11 30 33 00-0020	EA	25-1/2" x 48" Rough Opening, 8' 5" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,295.31	230.19
11 30 33 00-0021	EA	25-1/2" x 54" Rough Opening, 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,344.17	230.19
11 30 33 00-0022	EA	25-1/2" x 54" Rough Opening, 10' Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,393.02	230.19
11 30 33 00-0023	EA	25-1/2" x 60" Rough Opening, 9' 3" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,393.02	230.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 30 33 00-0024	EA	25-1/2" x 60" Rough Opening, 10' Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,417.45	230.19
11 30 33 00-0025	EA	30" x 54" Rough Opening, 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,446.22	230.19
11 30 33 00-0026	EA	30" x 54" Rough Opening, 10' Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,495.08	230.19
11 30 33 00-0027	EA	30" x 60" Rough Opening, 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,592.80	230.19
11 30 33 00-0028	EA	30" x 60" Rough Opening, 9' 3" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,617.22	230.19
11 30 33 00-0029	EA	30" x 60" Rough Opening, 10' Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,641.65	230.19
11 30 33 00-0030	EA	30" x 60" Rough Opening, 10' 6" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,666.08	230.19
11 30 33 00-0031		**400 Lb. Capacity, Wood One Piece Pull Down Access Stairs** *(11 30 33 00-0001)*		
		Note: Ladder width 17 1/16", 1x4 treads, 1x4 stringers. Bessler Stairway Company, Model 20.		
11 30 33 00-0032	EA	24" x 48" Rough Opening, 7' 7" To 7' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 400 Lb. Capacity	2,016.77	230.19
11 30 33 00-0033	EA	24" x 48" Rough Opening, 7' 11" To 8' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 400 Lb. Capacity	2,090.06	230.19
11 30 33 00-0034	EA	24" x 48" Rough Opening, 8' 5" To 8' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 400 Lb. Capacity	2,163.34	230.19
11 30 33 00-0035	EA	24" x 48" Rough Opening, 8' 11" To 9' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 400 Lb. Capacity	2,212.20	230.19
11 30 33 00-0036		**600 Lb. Capacity, Wood One Piece Pull Down Access Stairs** *(11 30 33 00-0001)*		
		Note: Ladder width 17 1/16", 1x6 treads, 1x6 stringers. Bessler Stairway Company, Model 40.		
11 30 33 00-0037	EA	24" x 66" Rough Opening, 7' 7" To 7' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 600 Lb. Capacity	2,383.21	230.19
		For Ladder Width 18 7/8" Wide, Add	*271.16*	
11 30 33 00-0038	EA	24" x 66" Rough Opening, 7' 11" To 8' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 600 Lb. Capacity	2,432.06	230.19
		For Ladder Width 18 7/8" Wide, Add	*278.49*	
11 30 33 00-0039	EA	24" x 66" Rough Opening, 8' 5" To 8' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 600 Lb. Capacity	2,456.49	230.19
		For Ladder Width 18 7/8" Wide, Add	*282.15*	
11 30 33 00-0040	EA	24" x 66" Rough Opening, 8' 11" To 9' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 600 Lb. Capacity	2,529.78	230.19
		For Ladder Width 18 7/8" Wide, Add	*293.15*	
11 30 33 00-0041	EA	24" x 72" Rough Opening, 9' 5" To 9' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 600 Lb. Capacity	2,685.05	230.19
		For Ladder Width 18 7/8" Wide, Add	*307.81*	
11 30 33 00-0042	EA	24" x 72" Rough Opening, 9' 11" To 10' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 600 Lb. Capacity	2,807.19	230.19
		For Ladder Width 18 7/8" Wide, Add	*326.13*	
11 30 33 00-0043	EA	24" x 72" Rough Opening, 10' 5" To 10' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 600 Lb. Capacity	2,929.34	230.19
		For Ladder Width 18 7/8" Wide, Add	*344.45*	
11 30 33 00-0044		**800 Lb. Capacity, Wood One Piece Pull Down Access Stairs** *(11 30 33 00-0001)*		
		Note: Ladder width 18 7/8", 1x8 treads, 1x8 stringers. Bessler Stairway Company, Model 100.		
11 30 33 00-0045	EA	30" x 70" Rough Opening, 7' 7" To 7' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 Lb. Capacity	4,492.79	230.19
11 30 33 00-0046	EA	30" x 70" Rough Opening, 7' 11" To 8' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 Lb. Capacity	4,541.65	230.19
11 30 33 00-0047	EA	30" x 70" Rough Opening, 8' 5" To 8' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 Lb. Capacity	4,590.51	230.19
11 30 33 00-0048	EA	30" x 72" Rough Opening, 8' 11" To 9' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 Lb. Capacity	4,712.65	230.19
11 30 33 00-0049	EA	30" x 76" Rough Opening, 9' 5" To 9' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 Lb. Capacity	4,843.48	230.19
11 30 33 00-0050	EA	30" x 80" Rough Opening, 9' 11" To 10' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 Lb. Capacity	4,916.77	230.19
11 30 33 00-0051	EA	30" x 84" Rough Opening, 10' 5" To 10' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 Lb. Capacity	5,038.91	230.19
11 30 33 00-0052	EA	30" x 87" Rough Opening, 10' 11" To 11' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 Lb. Capacity	5,267.46	230.19
11 30 33 00-0053	EA	30" x 90" Rough Opening, 11' 5" To 11' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 Lb. Capacity	5,487.33	230.19
11 30 33 00-0054	EA	30" x 93" Rough Opening, 11' 11" To 12' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 Lb. Capacity	5,756.04	230.19
11 30 33 00-0055	EA	30" x 96" Rough Opening, 12' 5" To 12' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 Lb. Capacity	6,000.34	230.19
11 30 33 00-0056		**300 Lb. Capacity, Aluminum Folding Access Stairs** *(11 30 33 00-0001)*		
11 30 33 00-0057	EA	22-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Aluminum Folding Access Stairs, 300 Lb. Capacity	717.78	230.19
11 30 33 00-0058	EA	22-1/2" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Aluminum Folding Access Stairs, 300 Lb. Capacity	741.74	230.19
11 30 33 00-0059	EA	25-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Aluminum Folding Access Stairs, 300 Lb. Capacity	724.46	230.19
11 30 33 00-0060	EA	25-1/2" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Aluminum Folding Access Stairs, 300 Lb. Capacity	748.40	230.19
11 30 33 00-0061	EA	25-1/2" x 54" Rough Opening, 10' 5" To 12' Ceiling Height, Aluminum Folding Access Stairs, 300 Lb. Capacity	881.74	230.19
11 30 33 00-0062		**300 Lb. Capacity, Steel Folding Access Stairs** *(11 30 33 00-0001)*		
11 30 33 00-0063	EA	22-1/2" x 54" Rough Opening, 7' 3" To 8' 4" Ceiling Height, Steel Folding Access Stairs, 300 Lb. Capacity	701.58	230.19
11 30 33 00-0064	EA	22-1/2" x 54" Rough Opening, 8' 4" To 10' 3" Ceiling Height, Steel Folding Access Stairs, 300 Lb. Capacity	727.18	230.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 32 Unit Kitchens *(11 30)*				
11 32 13 Metal Unit Kitchens *(11 32)*		Note: Includes electrical hook-up to outlet, supply line connection to service stops, and drain line and p-trap. Excludes garbage disposer and hood exhaust vent piping.		
11 32 13 00-0001		30" Compact Kitchen *(11 32 13)*		
11 32 13 00-0002	EA	30" Compact Unit Kitchen With Refrigerator, Range And Sink	2,659.83	623.22
		For Gas Unit, Add	*274.33*	
11 32 13 00-0003	EA	30" Compact Unit Kitchen With Refrigerator And Sink	2,238.91	436.25
11 32 13 00-0004	EA	30" Compact Unit Kitchen With Refrigerator And Range	2,042.35	373.93
11 32 13 00-0005	EA	30" Compact Unit Kitchen Cabinet For Upper Wall Section	632.80	172.57
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0006	EA	30" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section	1,274.04	230.09
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0007	EA	30" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	86.66	20.92
11 32 13 00-0008	EA	30" Compact Unit Kitchen Stainless Steel Shield For Side Wall	78.69	20.92
11 32 13 00-0009		42" Compact Kitchen *(11 32 13)*		
11 32 13 00-0010	EA	42" Compact Unit Kitchen With Refrigerator, Range And Sink	3,087.48	685.54
		For Gas Unit, Add	*326.01*	
11 32 13 00-0011	EA	42" Compact Unit Kitchen With Refrigerator And Sink	2,771.06	560.89
11 32 13 00-0012	EA	42" Compact Unit Kitchen Cabinet For Upper Wall Section	798.68	195.58
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0013	EA	42" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section	1,476.59	258.85
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0014	EA	42" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	102.97	20.92
11 32 13 00-0015	EA	42" Compact Unit Kitchen Stainless Steel Shield For Side Wall	87.29	20.92
11 32 13 00-0016		54" Compact Kitchen *(11 32 13)*		
11 32 13 00-0017	EA	54" Compact Unit Kitchen With Refrigerator, Oven, Range And Sink	4,166.18	872.51
		For Gas Unit, Add	*450.43*	
11 32 13 00-0018	EA	54" Compact Unit Kitchen Cabinet For Upper Wall Section	987.57	115.04
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0019	EA	54" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section	1,641.98	287.62
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0020	EA	54" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	119.26	20.92
11 32 13 00-0021	EA	54" Compact Unit Kitchen Stainless Steel Shield For Side Wall	91.25	20.92
11 32 13 00-0022		60" Compact Kitchen *(11 32 13)*		
11 32 13 00-0023	EA	60" Compact Unit Kitchen With Refrigerator, Oven, Range, And Sink	4,386.71	934.83
		For Gas Unit, Add	*471.04*	
11 32 13 00-0024	EA	60" Compact Unit Kitchen Cabinet For Upper Wall Section	1,174.53	287.62
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0025	EA	60" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	125.98	20.92
11 32 13 00-0026	EA	60" Compact Unit Kitchen Stainless Steel Shield For Side Wall	91.25	20.92
11 32 13 00-0027		72" Compact Kitchen *(11 32 13)*		
11 32 13 00-0028	EA	72" Compact Unit Kitchen With Refrigerator, Oven, Range And Sink	4,703.14	997.15
		For Gas Unit, Add	*506.04*	
11 32 13 00-0029	EA	72" Compact Unit Kitchen Cabinet For Upper Wall Section	1,433.40	345.14
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0030	EA	72" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	146.43	26.16
11 32 13 00-0031	EA	72" Compact Unit Kitchen Stainless Steel Shield For Side Wall	96.01	26.16
11 40 Foodservice Equipment *(11)*				
11 41 Foodservice Storage Equipment *(11 40)*				
11 41 13 Refrigerated Food Storage Cases *(11 41)*				
11 41 13 00-0001		Frozen Food Cases *(11 41 13)*		
11 41 13 00-0002	LF	Chest Type Frozen Food Case	1,472.51	374.07
11 41 13 00-0003	LF	Reach-in Frozen Food Case (Glass Door)	2,786.01	374.07
11 41 13 00-0004	LF	Island Type Frozen Food Case	1,702.01	374.07
11 41 13 00-0005	LF	Multi-Deck Frozen Food Case	2,674.95	374.07
11 41 13 00-0006		Reach-In Refrigeration *(11 41 13)*		
11 41 13 00-0007		Reach-In Refrigerators *(11 41 13 00-0006)*		
11 41 13 00-0008	EA	Single Section, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator	7,008.54	190.64
11 41 13 00-0009	EA	Two Section, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator	8,630.53	240.45
11 41 13 00-0010	EA	Three Section, 69.1 CF, Full Door, Self Contained, Reach-In Refrigerator	11,553.79	265.64
11 41 13 00-0011	EA	Single Section, Glass Door, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator	6,291.22	190.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 13 00-0012	EA	Two Section, Glass Door, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator	8,186.49	240.45
11 41 13 00-0013	EA	Three Section, Glass Door, 61.1 CF, Full Door, Self Contained, Reach-In Refrigerator	10,899.29	265.64
11 41 13 00-0014	EA	Single Section, Pass-Thru, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator	8,434.77	190.64
11 41 13 00-0015	EA	Two Section, Pass-Thru, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator	11,417.06	240.45
11 41 13 00-0016	EA	Single Section, Pass-Thru, Glass Door, 25.6 CF, Full Door, Self Contained, Reach-In Refrigerator	8,554.62	190.64
11 41 13 00-0017	EA	Two Section, Pass-Thru, Glass Door, 48.8 CF, Full Door, Self Contained, Reach-In Refrigerator	12,333.40	240.45
11 41 13 00-0018		Reach-In Freezers *(11 41 13 00-0006)*		
11 41 13 00-0019	EA	Single Section, 24.2 CF, Full Door, Self Contained, Reach-In Freezer	7,892.88	190.87
11 41 13 00-0020	EA	Two Section, 46.0 CF, Full Door, Self Contained, Reach-In Freezer	10,471.37	240.10
11 41 31		**Non-Refrigerated Storage Equipment** *(11 41)*		
11 41 31 00-0001		Wall Cabinets *(11 41 31)*		
11 41 31 00-0002	EA	48" Wall Cabinet With Sliding Doors Note: 15" deep and 24" high.	3,889.51	89.85
11 41 31 00-0003	EA	72" Wall Cabinet With Sliding Doors Note: 15" deep and 24" high.	5,132.15	118.61
11 41 31 00-0004	EA	72" Wall Cabinet With Hinged Doors Note: 15" deep and 24" high.	5,890.79	135.98
11 41 31 00-0005	EA	72" Wall Cabinet With Open Shelves Note: 15" deep and 24" high.	3,770.29	86.74
11 41 31 00-0006		Mobile Sheet Pan Truck *(11 41 31)*		
11 41 31 00-0007	EA	2 Level Mobile Sheet Pan Truck	364.17	7.81
11 41 31 00-0008		Pot And Utensil Rack *(11 41 31)*		
11 41 31 00-0009	EA	70" Bench Type Pot And Utensil Rack	1,061.38	23.82
11 41 31 00-0010	EA	94" Bench Type Pot And Utensil Rack	1,230.75	26.91
11 41 31 00-0011	EA	94" Ceiling Type Pot And Utensil Rack	1,463.01	32.25
11 41 31 00-0012	EA	96" Wall Type Pot And Utensil Rack	795.56	17.61
11 41 31 00-0013		Tray And Silverware Cart *(11 41 31)*		
11 41 31 00-0014	EA	33" x 22-1/2" x 42" Tray And Silverware Cart	3,673.13	80.37
11 41 31 00-0015		Flat Top Utility Units *(11 41 31)*		
11 41 31 00-0016	EA	79-1/2" x 28-1/2" x 35-3/8" Flat Top Utility Units	3,355.99	73.43
11 41 31 00-0017	EA	39" x 28-1/2" x 35-3/8" Flat Top Utility Units	2,504.21	54.94
11 41 33		**Foodservice Shelving** *(11 41)*		
11 41 33 00-0001		Shelving/Racks *(11 41 33)*		
11 41 33 00-0002		Chrome Shelving Units *(11 41 33 00-0001)*		
11 41 33 00-0003		54" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit *(11 41 33 00-0002)*		
11 41 33 00-0004	EA	14" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	327.46	42.15
11 41 33 00-0005	EA	14" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	344.21	42.50
11 41 33 00-0006	EA	14" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	364.94	42.84
11 41 33 00-0007	EA	14" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	377.83	43.20
11 41 33 00-0008	EA	14" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	402.43	43.55
11 41 33 00-0009	EA	14" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	423.24	43.90
11 41 33 00-0010	EA	14" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	439.99	44.24
11 41 33 00-0011	EA	14" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	477.50	44.94
11 41 33 00-0012	EA	18" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	356.00	42.50
11 41 33 00-0013	EA	18" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	368.88	42.84
11 41 33 00-0014	EA	18" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	381.79	43.20
11 41 33 00-0015	EA	18" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	418.24	43.55
11 41 33 00-0016	EA	18" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	442.91	43.90
11 41 33 00-0017	EA	18" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	475.40	44.24
11 41 33 00-0018	EA	18" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	488.22	44.59
11 41 33 00-0019	EA	18" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	533.69	45.29
11 41 33 00-0020	EA	21" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	372.83	42.84
11 41 33 00-0021	EA	21" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	401.38	43.20
11 41 33 00-0022	EA	21" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	422.20	43.55
11 41 33 00-0023	EA	21" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	446.78	43.90
11 41 33 00-0024	EA	21" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	463.62	44.24
11 41 33 00-0025	EA	21" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	504.04	44.59
11 41 33 00-0026	EA	21" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	524.74	44.94
11 41 33 00-0027	EA	21" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	578.05	45.63
11 41 33 00-0028	EA	24" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	409.37	43.20
11 41 33 00-0029	EA	24" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	426.15	43.55
11 41 33 00-0030	EA	24" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	438.95	43.90
11 41 33 00-0031	EA	24" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	471.52	44.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0032	EA	24" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	492.25	44.59
11 41 33 00-0033	EA	24" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	532.65	44.94
11 41 33 00-0034	EA	24" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	561.19	45.29
11 41 33 00-0035	EA	24" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	630.29	45.98
11 41 33 00-0036	EA	30" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	536.38	43.55
11 41 33 00-0037	EA	30" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	600.30	43.90
11 41 33 00-0038	EA	30" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	640.78	44.24
11 41 33 00-0039	EA	30" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	732.40	44.59
11 41 33 00-0040	EA	36" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	591.68	44.94
11 41 33 00-0041	EA	36" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	651.83	45.29
11 41 33 00-0042	EA	36" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	727.57	45.63
11 41 33 00-0043	EA	36" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	850.29	46.33
11 41 33 00-0044		**63" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit** *(11 41 33 00-0002)*		
11 41 33 00-0045	EA	14" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	331.33	42.15
11 41 33 00-0046	EA	14" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	348.09	42.50
11 41 33 00-0047	EA	14" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	368.80	42.84
11 41 33 00-0048	EA	14" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	381.71	43.20
11 41 33 00-0049	EA	14" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	406.30	43.55
11 41 33 00-0050	EA	14" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	427.09	43.90
11 41 33 00-0051	EA	14" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	443.87	44.24
11 41 33 00-0052	EA	14" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	481.35	44.94
11 41 33 00-0053	EA	18" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	359.85	42.50
11 41 33 00-0054	EA	18" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	372.75	42.84
11 41 33 00-0055	EA	18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	385.66	43.20
11 41 33 00-0056	EA	18" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	422.10	43.55
11 41 33 00-0057	EA	18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	446.78	43.90
11 41 33 00-0058	EA	18" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	479.25	44.24
11 41 33 00-0059	EA	18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	492.09	44.59
11 41 33 00-0060	EA	18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	499.31	45.29
11 41 33 00-0061	EA	21" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	376.70	42.84
11 41 33 00-0062	EA	21" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	405.25	43.20
11 41 33 00-0063	EA	21" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	426.05	43.55
11 41 33 00-0064	EA	21" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	450.64	43.90
11 41 33 00-0065	EA	21" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	467.49	44.24
11 41 33 00-0066	EA	21" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	507.89	44.59
11 41 33 00-0067	EA	21" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	528.62	44.94
11 41 33 00-0068	EA	21" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	581.92	45.63
11 41 33 00-0069	EA	24" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	413.24	43.20
11 41 33 00-0070	EA	24" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	430.01	43.55
11 41 33 00-0071	EA	24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	442.83	43.90
11 41 33 00-0072	EA	24" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	475.40	44.24
11 41 33 00-0073	EA	24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	496.13	44.59
11 41 33 00-0074	EA	24" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	536.51	44.94
11 41 33 00-0075	EA	24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	565.04	45.29
11 41 33 00-0076	EA	24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	634.16	45.98
11 41 33 00-0077	EA	30" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	540.23	43.55
11 41 33 00-0078	EA	30" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	604.18	43.90
11 41 33 00-0079	EA	30" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	644.64	44.24
11 41 33 00-0080	EA	30" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	736.25	44.59
11 41 33 00-0081	EA	36" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	595.53	44.94
11 41 33 00-0082	EA	36" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	655.68	45.29
11 41 33 00-0083	EA	36" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	731.49	45.63
11 41 33 00-0084	EA	36" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	854.14	46.33
11 41 33 00-0085		**66" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit** *(11 41 33 00-0002)*		
11 41 33 00-0086	EA	14" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	333.35	42.15
11 41 33 00-0087	EA	14" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	350.10	42.50
11 41 33 00-0088	EA	14" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	370.81	42.84
11 41 33 00-0089	EA	14" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	383.73	43.20
11 41 33 00-0090	EA	14" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	408.32	43.55
11 41 33 00-0091	EA	14" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	429.11	43.90
11 41 33 00-0092	EA	14" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	445.88	44.24
11 41 33 00-0093	EA	14" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	483.37	44.94
11 41 33 00-0094	EA	18" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	361.89	42.50
11 41 33 00-0095	EA	18" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	374.77	42.84
11 41 33 00-0096	EA	18" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	387.68	43.20
11 41 33 00-0097	EA	18" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	424.13	43.55
11 41 33 00-0098	EA	18" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	448.80	43.90
11 41 33 00-0099	EA	18" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	481.27	44.24
11 41 33 00-0100	EA	18" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	494.11	44.59
11 41 33 00-0101	EA	18" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	539.58	45.29
11 41 33 00-0102	EA	21" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	378.72	42.84
11 41 33 00-0103	EA	21" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	407.27	43.20
11 41 33 00-0104	EA	21" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	428.07	43.55
11 41 33 00-0105	EA	21" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	452.65	43.90
11 41 33 00-0106	EA	21" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	469.51	44.24
11 41 33 00-0107	EA	21" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	509.91	44.59
11 41 33 00-0108	EA	21" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	530.64	44.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0109	EA	21" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	583.94	45.63
11 41 33 00-0110	EA	24" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	415.26	43.20
11 41 33 00-0111	EA	24" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	432.02	43.55
11 41 33 00-0112	EA	24" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	444.84	43.90
11 41 33 00-0113	EA	24" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	477.42	44.24
11 41 33 00-0114	EA	24" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	498.14	44.59
11 41 33 00-0115	EA	24" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	538.54	44.94
11 41 33 00-0116	EA	24" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	567.06	45.29
11 41 33 00-0117	EA	24" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	636.18	45.98
11 41 33 00-0118	EA	30" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	542.25	43.55
11 41 33 00-0119	EA	30" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	606.19	43.90
11 41 33 00-0120	EA	30" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	646.67	44.24
11 41 33 00-0121	EA	30" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	738.27	44.59
11 41 33 00-0122	EA	36" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	597.55	44.94
11 41 33 00-0123	EA	36" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	657.70	45.29
11 41 33 00-0124	EA	36" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	733.48	45.63
11 41 33 00-0125	EA	36" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	856.16	46.33
11 41 33 00-0126		**74" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit** *(11 41 33 00-0002)*		
11 41 33 00-0127	EA	14" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	339.22	42.15
11 41 33 00-0128	EA	14" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	356.00	42.50
11 41 33 00-0129	EA	14" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	376.70	42.84
11 41 33 00-0130	EA	14" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	389.62	43.20
11 41 33 00-0131	EA	14" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	414.21	43.55
11 41 33 00-0132	EA	14" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	435.00	43.90
11 41 33 00-0133	EA	14" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	451.77	44.24
11 41 33 00-0134	EA	14" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	489.26	44.94
11 41 33 00-0135	EA	18" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	367.76	42.50
11 41 33 00-0136	EA	18" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	380.66	42.84
11 41 33 00-0137	EA	18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	393.57	43.20
11 41 33 00-0138	EA	18" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	430.01	43.55
11 41 33 00-0139	EA	18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	454.67	43.90
11 41 33 00-0140	EA	18" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	487.16	44.24
11 41 33 00-0141	EA	18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	500.00	44.59
11 41 33 00-0142	EA	18" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	545.45	45.29
11 41 33 00-0143	EA	21" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	384.61	42.84
11 41 33 00-0144	EA	21" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	413.16	43.20
11 41 33 00-0145	EA	21" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	433.96	43.55
11 41 33 00-0146	EA	21" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	458.54	43.90
11 41 33 00-0147	EA	21" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	475.40	44.24
11 41 33 00-0148	EA	21" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	515.80	44.59
11 41 33 00-0149	EA	21" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	536.51	44.94
11 41 33 00-0150	EA	21" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	589.83	45.63
11 41 33 00-0151	EA	24" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	421.15	43.20
11 41 33 00-0152	EA	24" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	437.91	43.55
11 41 33 00-0153	EA	24" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	450.73	43.90
11 41 33 00-0154	EA	24" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	483.29	44.24
11 41 33 00-0155	EA	24" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	504.04	44.59
11 41 33 00-0156	EA	24" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	544.41	44.94
11 41 33 00-0157	EA	24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	572.95	45.29
11 41 33 00-0158	EA	24" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	642.07	45.98
11 41 33 00-0159	EA	30" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	548.14	43.55
11 41 33 00-0160	EA	30" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	612.08	43.90
11 41 33 00-0161	EA	30" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	652.54	44.24
11 41 33 00-0162	EA	30" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	744.16	44.59
11 41 33 00-0163	EA	36" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	603.44	44.94
11 41 33 00-0164	EA	36" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	663.59	45.29
11 41 33 00-0165	EA	36" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	739.39	45.63
11 41 33 00-0166	EA	36" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	862.05	46.33
11 41 33 00-0167		**86" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit** *(11 41 33 00-0002)*		
11 41 33 00-0168	EA	14" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	354.96	42.15
11 41 33 00-0169	EA	14" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	371.71	42.50
11 41 33 00-0170	EA	14" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	392.42	42.84
11 41 33 00-0171	EA	14" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	405.33	43.20
11 41 33 00-0172	EA	14" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	429.93	43.55
11 41 33 00-0173	EA	14" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	450.73	43.90
11 41 33 00-0174	EA	14" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	467.49	44.24
11 41 33 00-0175	EA	14" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	505.00	44.94
11 41 33 00-0176	EA	18" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	383.49	42.50
11 41 33 00-0177	EA	18" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	396.37	42.84
11 41 33 00-0178	EA	18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	409.29	43.20
11 41 33 00-0179	EA	18" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	445.74	43.55
11 41 33 00-0180	EA	18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	470.40	43.90
11 41 33 00-0181	EA	18" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	502.90	44.24
11 41 33 00-0182	EA	18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	515.72	44.59
11 41 33 00-0183	EA	18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	561.19	45.29
11 41 33 00-0184	EA	21" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	400.33	42.84
11 41 33 00-0185	EA	21" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	428.88	43.20

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0186	EA	21" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	449.69	43.55
11 41 33 00-0187	EA	21" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	474.26	43.90
11 41 33 00-0188	EA	21" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	491.11	44.24
11 41 33 00-0189	EA	21" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	531.53	44.59
11 41 33 00-0190	EA	21" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	552.24	44.94
11 41 33 00-0191	EA	21" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	605.54	45.63
11 41 33 00-0192	EA	24" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	436.86	43.20
11 41 33 00-0193	EA	24" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	453.63	43.55
11 41 33 00-0194	EA	24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	466.45	43.90
11 41 33 00-0195	EA	24" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	499.02	44.24
11 41 33 00-0196	EA	24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	519.75	44.59
11 41 33 00-0197	EA	24" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	560.15	44.94
11 41 33 00-0198	EA	24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	588.67	45.29
11 41 33 00-0199	EA	24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	657.78	45.98
11 41 33 00-0200	EA	30" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	563.86	43.55
11 41 33 00-0201	EA	30" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	627.80	43.90
11 41 33 00-0202	EA	30" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	668.28	44.24
11 41 33 00-0203	EA	30" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	759.88	44.59
11 41 33 00-0204	EA	36" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	619.16	44.94
11 41 33 00-0205	EA	36" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	679.31	45.29
11 41 33 00-0206	EA	36" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	755.13	45.63
11 41 33 00-0207	EA	36" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	877.76	46.33
11 41 33 00-0208		**96" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit** *(11 41 33 00-0002)*		
11 41 33 00-0209	EA	14" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	413.03	42.15
11 41 33 00-0210	EA	14" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	433.71	42.50
11 41 33 00-0211	EA	14" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	459.36	42.84
11 41 33 00-0212	EA	14" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	475.22	43.20
11 41 33 00-0213	EA	14" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	505.71	43.55
11 41 33 00-0214	EA	14" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	531.45	43.90
11 41 33 00-0215	EA	14" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	552.14	44.24
11 41 33 00-0216	EA	14" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	598.49	44.94
11 41 33 00-0217	EA	18" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	448.43	42.50
11 41 33 00-0218	EA	18" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	464.29	42.84
11 41 33 00-0219	EA	18" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	480.16	43.20
11 41 33 00-0220	EA	18" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	525.46	43.55
11 41 33 00-0221	EA	18" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	556.03	43.90
11 41 33 00-0222	EA	18" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	596.39	44.24
11 41 33 00-0223	EA	18" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	612.15	44.59
11 41 33 00-0224	EA	18" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	668.46	45.29
11 41 33 00-0225	EA	21" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	469.24	42.84
11 41 33 00-0226	EA	21" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	504.66	43.20
11 41 33 00-0227	EA	21" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	530.41	43.55
11 41 33 00-0228	EA	21" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	560.86	43.90
11 41 33 00-0229	EA	21" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	581.67	44.24
11 41 33 00-0230	EA	21" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	631.92	44.59
11 41 33 00-0231	EA	21" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	657.56	44.94
11 41 33 00-0232	EA	21" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	723.66	45.63
11 41 33 00-0233	EA	24" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	514.64	43.20
11 41 33 00-0234	EA	24" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	535.34	43.55
11 41 33 00-0235	EA	24" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	551.10	43.90
11 41 33 00-0236	EA	24" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	591.56	44.24
11 41 33 00-0237	EA	24" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	617.20	44.59
11 41 33 00-0238	EA	24" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	667.42	44.94
11 41 33 00-0239	EA	24" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	702.83	45.29
11 41 33 00-0240	EA	24" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	788.70	45.98
11 41 33 00-0241	EA	30" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	673.13	43.55
11 41 33 00-0242	EA	30" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	752.79	43.90
11 41 33 00-0243	EA	30" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	803.11	44.24
11 41 33 00-0244	EA	30" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	917.37	44.59
11 41 33 00-0245	EA	36" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	741.21	44.94
11 41 33 00-0246	EA	36" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	816.13	45.29
11 41 33 00-0247	EA	36" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	910.63	45.63
11 41 33 00-0248	EA	36" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	1,063.42	46.33
11 41 33 00-0249		**Galvanized Shelving Units** *(11 41 33 00-0001)*		
11 41 33 00-0250		**54" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)*		
11 41 33 00-0251	EA	14" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	355.82	42.15
11 41 33 00-0252	EA	14" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	372.91	42.50
11 41 33 00-0253	EA	14" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	394.10	42.84
11 41 33 00-0254	EA	14" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	411.20	43.20
11 41 33 00-0255	EA	14" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	436.43	43.55
11 41 33 00-0256	EA	14" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	457.52	43.90
11 41 33 00-0257	EA	14" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	478.71	44.24
11 41 33 00-0258	EA	14" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	512.91	44.94
11 41 33 00-0259	EA	18" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	384.96	42.50
11 41 33 00-0260	EA	18" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	398.13	42.84
11 41 33 00-0261	EA	18" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	423.25	43.20

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0262	EA	18" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	452.48	43.55
11 41 33 00-0263	EA	18" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	477.67	43.90
11 41 33 00-0264	EA	18" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	510.81	44.24
11 41 33 00-0265	EA	18" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	536.04	44.59
11 41 33 00-0266	EA	18" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	574.38	45.29
11 41 33 00-0267	EA	21" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	402.13	42.84
11 41 33 00-0268	EA	21" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	435.38	43.20
11 41 33 00-0269	EA	21" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	456.48	43.55
11 41 33 00-0270	EA	21" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	481.69	43.90
11 41 33 00-0271	EA	21" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	498.78	44.24
11 41 33 00-0272	EA	21" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	544.07	44.59
11 41 33 00-0273	EA	21" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	565.26	44.94
11 41 33 00-0274	EA	21" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	627.64	45.63
11 41 33 00-0275	EA	24" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	443.40	43.20
11 41 33 00-0276	EA	24" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	460.50	43.55
11 41 33 00-0277	EA	24" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	473.67	43.90
11 41 33 00-0278	EA	24" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	506.81	44.24
11 41 33 00-0279	EA	24" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	544.07	44.59
11 41 33 00-0280	EA	24" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	585.31	44.94
11 41 33 00-0281	EA	24" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	618.55	45.29
11 41 33 00-0282	EA	24" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	693.05	45.98
11 41 33 00-0283		**63" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)*		
11 41 33 00-0284	EA	14" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	363.85	42.15
11 41 33 00-0285	EA	14" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	380.94	42.50
11 41 33 00-0286	EA	14" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	402.13	42.84
11 41 33 00-0287	EA	14" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	419.23	43.20
11 41 33 00-0288	EA	14" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	444.45	43.55
11 41 33 00-0289	EA	14" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	465.55	43.90
11 41 33 00-0290	EA	14" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	486.74	44.24
11 41 33 00-0291	EA	14" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	520.94	44.94
11 41 33 00-0292	EA	18" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	392.99	42.50
11 41 33 00-0293	EA	18" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	406.15	42.84
11 41 33 00-0294	EA	18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	431.28	43.20
11 41 33 00-0295	EA	18" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	460.50	43.55
11 41 33 00-0296	EA	18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	485.70	43.90
11 41 33 00-0297	EA	18" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	518.84	44.24
11 41 33 00-0298	EA	18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	544.07	44.59
11 41 33 00-0299	EA	18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	582.35	45.29
11 41 33 00-0300	EA	21" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	410.15	42.84
11 41 33 00-0301	EA	21" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	443.40	43.20
11 41 33 00-0302	EA	21" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	464.51	43.55
11 41 33 00-0303	EA	21" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	489.72	43.90
11 41 33 00-0304	EA	21" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	506.81	44.24
11 41 33 00-0305	EA	21" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	552.09	44.59
11 41 33 00-0306	EA	21" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	573.28	44.94
11 41 33 00-0307	EA	21" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	635.66	45.63
11 41 33 00-0308	EA	24" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	451.43	43.20
11 41 33 00-0309	EA	24" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	468.53	43.55
11 41 33 00-0310	EA	24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	481.69	43.90
11 41 33 00-0311	EA	24" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	514.83	44.24
11 41 33 00-0312	EA	24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	552.09	44.59
11 41 33 00-0313	EA	24" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	593.34	44.94
11 41 33 00-0314	EA	24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	626.58	45.29
11 41 33 00-0315	EA	24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	701.08	45.98
11 41 33 00-0316		**74" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)*		
11 41 33 00-0317	EA	14" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	371.87	42.15
11 41 33 00-0318	EA	14" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	388.96	42.50
11 41 33 00-0319	EA	14" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	410.15	42.84
11 41 33 00-0320	EA	14" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	427.26	43.20
11 41 33 00-0321	EA	14" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	452.48	43.55
11 41 33 00-0322	EA	14" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	473.57	43.90
11 41 33 00-0323	EA	14" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	494.76	44.24
11 41 33 00-0324	EA	14" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	528.96	44.94
11 41 33 00-0325	EA	18" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	401.01	42.50
11 41 33 00-0326	EA	18" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	414.18	42.84
11 41 33 00-0327	EA	18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	439.30	43.20
11 41 33 00-0328	EA	18" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	468.53	43.55
11 41 33 00-0329	EA	18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	493.72	43.90
11 41 33 00-0330	EA	18" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	526.86	44.24
11 41 33 00-0331	EA	18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	552.09	44.59
11 41 33 00-0332	EA	18" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	590.38	45.29
11 41 33 00-0333	EA	21" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	418.18	42.84
11 41 33 00-0334	EA	21" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	451.43	43.20
11 41 33 00-0335	EA	21" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	472.53	43.55
11 41 33 00-0336	EA	21" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	497.74	43.90
11 41 33 00-0337	EA	21" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	514.83	44.24
11 41 33 00-0338	EA	21" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	560.12	44.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0339	EA	21" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	581.31	44.94
11 41 33 00-0340	EA	21" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	643.69	45.63
11 41 33 00-0341	EA	24" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	459.45	43.20
11 41 33 00-0342	EA	24" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	476.55	43.55
11 41 33 00-0343	EA	24" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	489.72	43.90
11 41 33 00-0344	EA	24" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	522.86	44.24
11 41 33 00-0345	EA	24" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	560.12	44.59
11 41 33 00-0346	EA	24" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	601.36	44.94
11 41 33 00-0347	EA	24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	634.60	45.29
11 41 33 00-0348	EA	24" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	709.10	45.98
11 41 33 00-0349		**86" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)*		
11 41 33 00-0350	EA	14" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	392.02	42.15
11 41 33 00-0351	EA	14" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	409.11	42.50
11 41 33 00-0352	EA	14" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	430.30	42.84
11 41 33 00-0353	EA	14" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	447.40	43.20
11 41 33 00-0354	EA	14" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	472.63	43.55
11 41 33 00-0355	EA	14" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	493.72	43.90
11 41 33 00-0356	EA	14" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	514.91	44.24
11 41 33 00-0357	EA	14" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	549.11	44.94
11 41 33 00-0358	EA	18" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	421.16	42.50
11 41 33 00-0359	EA	18" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	434.33	42.84
11 41 33 00-0360	EA	18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	459.45	43.20
11 41 33 00-0361	EA	18" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	488.68	43.55
11 41 33 00-0362	EA	18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	513.87	43.90
11 41 33 00-0363	EA	18" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	547.01	44.24
11 41 33 00-0364	EA	18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	572.24	44.59
11 41 33 00-0365	EA	18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	610.53	45.29
11 41 33 00-0366	EA	21" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	438.33	42.84
11 41 33 00-0367	EA	21" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	471.58	43.20
11 41 33 00-0368	EA	21" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	492.68	43.55
11 41 33 00-0369	EA	21" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	517.89	43.90
11 41 33 00-0370	EA	21" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	534.98	44.24
11 41 33 00-0371	EA	21" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	580.27	44.59
11 41 33 00-0372	EA	21" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	601.46	44.94
11 41 33 00-0373	EA	21" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	663.84	45.63
11 41 33 00-0374	EA	24" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	479.60	43.20
11 41 33 00-0375	EA	24" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	496.70	43.55
11 41 33 00-0376	EA	24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	509.87	43.90
11 41 33 00-0377	EA	24" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	543.01	44.24
11 41 33 00-0378	EA	24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	580.27	44.59
11 41 33 00-0379	EA	24" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	621.51	44.94
11 41 33 00-0380	EA	24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	654.75	45.29
11 41 33 00-0381	EA	24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	729.25	45.98
11 41 33 00-0382		**54" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)*		
11 41 33 00-0383	EA	18" x 36" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	652.48	43.20
11 41 33 00-0384	EA	18" x 48" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	714.93	43.90
11 41 33 00-0385	EA	18" x 60" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	797.45	44.59
11 41 33 00-0386	EA	18" x 72" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	847.78	45.29
11 41 33 00-0387	EA	24" x 36" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	710.85	43.90
11 41 33 00-0388	EA	24" x 48" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	817.53	44.59
11 41 33 00-0389	EA	24" x 60" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	900.03	45.29
11 41 33 00-0390	EA	24" x 72" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	1,022.77	45.98
11 41 33 00-0391		**63" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)*		
11 41 33 00-0392	EA	18" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	660.51	43.20
11 41 33 00-0393	EA	18" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	722.97	43.90
11 41 33 00-0394	EA	18" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	805.48	44.59
11 41 33 00-0395	EA	18" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	855.81	45.29
11 41 33 00-0396	EA	24" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	718.87	43.90
11 41 33 00-0397	EA	24" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	825.55	44.59
11 41 33 00-0398	EA	24" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	908.06	45.29
11 41 33 00-0399	EA	24" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	1,030.79	45.98
11 41 33 00-0400		**74" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)*		
11 41 33 00-0401	EA	18" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	668.54	43.20
11 41 33 00-0402	EA	18" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	731.00	43.90
11 41 33 00-0403	EA	18" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	813.53	44.59
11 41 33 00-0404	EA	18" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	863.83	45.29
11 41 33 00-0405	EA	24" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	726.90	43.90
11 41 33 00-0406	EA	24" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	833.58	44.59
11 41 33 00-0407	EA	24" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	916.09	45.29
11 41 33 00-0408	EA	24" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	1,038.84	45.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0409		**86" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)*		
11 41 33 00-0410	EA	18" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	688.69	43.20
11 41 33 00-0411	EA	18" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	751.13	43.90
11 41 33 00-0412	EA	18" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	833.66	44.59
11 41 33 00-0413	EA	18" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	883.98	45.29
11 41 33 00-0414	EA	24" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	747.05	43.90
11 41 33 00-0415	EA	24" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	853.73	44.59
11 41 33 00-0416	EA	24" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	936.24	45.29
11 41 33 00-0417	EA	24" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	1,058.97	45.98
11 41 33 00-0418		**Stainless Steel Shelving Unit** *(11 41 33 00-0001)*		
11 41 33 00-0419		**63" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit** *(11 41 33 00-0418)*		
11 41 33 00-0420	EA	18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	667.22	43.20
11 41 33 00-0421	EA	18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	770.78	43.90
11 41 33 00-0422	EA	18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	901.48	44.59
11 41 33 00-0423	EA	18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,038.31	45.29
11 41 33 00-0424	EA	24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	779.40	43.90
11 41 33 00-0425	EA	24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	898.09	44.59
11 41 33 00-0426	EA	24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,053.43	45.29
11 41 33 00-0427	EA	24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,258.42	45.98
11 41 33 00-0428		**74" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit** *(11 41 33 00-0418)*		
11 41 33 00-0429	EA	18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	688.81	43.20
11 41 33 00-0430	EA	18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	792.37	43.90
11 41 33 00-0431	EA	18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	926.14	44.59
11 41 33 00-0432	EA	18" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,059.89	45.29
11 41 33 00-0433	EA	24" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	800.99	43.90
11 41 33 00-0434	EA	24" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	919.67	44.59
11 41 33 00-0435	EA	24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,075.01	45.29
11 41 33 00-0436	EA	24" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,280.01	45.98
11 41 33 00-0437		**86" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit** *(11 41 33 00-0418)*		
11 41 33 00-0438	EA	18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	710.39	43.20
11 41 33 00-0439	EA	18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	813.95	43.90
11 41 33 00-0440	EA	18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	947.72	44.59
11 41 33 00-0441	EA	18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,081.48	45.29
11 41 33 00-0442	EA	24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	822.57	43.90
11 41 33 00-0443	EA	24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	941.26	44.59
11 41 33 00-0444	EA	24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,096.60	45.29
11 41 33 00-0445	EA	24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,301.59	45.98
11 41 33 00-0446		**63" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit** *(11 41 33 00-0418)*		
11 41 33 00-0447	EA	18" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,348.23	43.20
11 41 33 00-0448	EA	18" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,488.91	43.90
11 41 33 00-0449	EA	18" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,675.59	44.59
11 41 33 00-0450	EA	18" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,788.43	45.29
11 41 33 00-0451	EA	24" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,611.65	43.90
11 41 33 00-0452	EA	24" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,895.25	44.59
11 41 33 00-0453	EA	24" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	2,102.15	45.29
11 41 33 00-0454	EA	24" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	2,411.45	45.98
11 41 33 00-0455		**74" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit** *(11 41 33 00-0418)*		
11 41 33 00-0456	EA	18" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,388.43	43.20
11 41 33 00-0457	EA	18" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,531.55	43.90
11 41 33 00-0458	EA	18" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,721.53	44.59
11 41 33 00-0459	EA	18" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,836.28	45.29
11 41 33 00-0460	EA	24" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,651.87	43.90
11 41 33 00-0461	EA	24" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,935.46	44.59
11 41 33 00-0462	EA	24" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	2,144.62	45.29
11 41 33 00-0463	EA	24" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	2,457.39	45.98
11 41 33 00-0464		**86" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit** *(11 41 33 00-0418)*		
11 41 33 00-0465	EA	18" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,428.65	43.20
11 41 33 00-0466	EA	18" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,570.99	43.90
11 41 33 00-0467	EA	18" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,759.98	44.59
11 41 33 00-0468	EA	18" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,874.19	45.29
11 41 33 00-0469	EA	24" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,692.08	43.90
11 41 33 00-0470	EA	24" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,975.68	44.59
11 41 33 00-0471	EA	24" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	2,183.55	45.29
11 41 33 00-0472	EA	24" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	2,494.30	45.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0473		**Galvanized Steel Dunnage Rack** *(11 41 33 00-0001)*		
11 41 33 00-0474	EA	18" x 24" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	288.50	31.07
11 41 33 00-0475	EA	18" x 30" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	303.93	31.93
11 41 33 00-0476	EA	18" x 36" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	321.49	32.80
11 41 33 00-0477	EA	18" x 48" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	354.01	33.66
11 41 33 00-0478	EA	18" x 60" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	382.26	34.52
11 41 33 00-0479	EA	24" x 24" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	309.85	31.07
11 41 33 00-0480	EA	24" x 30" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	338.11	31.93
11 41 33 00-0481	EA	24" x 36" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	355.67	32.80
11 41 33 00-0482	EA	24" x 48" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	386.05	33.66
11 41 33 00-0483	EA	24" x 60" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	420.70	34.52
11 41 33 00-0484		**Stainless Steel Dunnage Rack** *(11 41 33 00-0001)*		
11 41 33 00-0485	EA	18" x 36" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	766.64	32.80
11 41 33 00-0486	EA	18" x 48" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	960.03	33.66
11 41 33 00-0487	EA	18" x 60" Open Wire Shelf, 16-1/4" Height, Stainless Steel Dunnage Rack	1,618.96	34.52
11 41 33 00-0488	EA	24" x 36" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	838.06	32.80
11 41 33 00-0489	EA	24" x 48" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	1,042.74	33.66
11 41 33 00-0490	EA	24" x 60" Open Wire Shelf, 16-1/4" Height, Stainless Steel Dunnage Rack	1,764.93	34.52
11 41 33 00-0491		**Mobile Racks** *(11 41 33 00-0001)*		
11 41 33 00-0492	EA	Mobile Rack With Pan Slide	3,146.87	52.31
11 41 33 00-0493		**Can Racks** *(11 41 33 00-0001)*		
11 41 33 00-0494	EA	27-1/4" Wide x 42" Deep x 81-1/16" High, Aluminum Frame Can Rack Note: 156 #10 cans capacity	4,285.44	52.31

11 42 Food Preparation Equipment *(11 40)*

11 42 13 Food Preparation Appliances *(11 42)*

11 42 13 00-0001		**Vertical Cutter Mixers** *(11 42 13)*		
11 42 13 00-0002	EA	Bench Type Mixers, 25 Quart	18,483.93	257.61
11 42 13 00-0003	EA	Bench Type Mixers, 40 Quart	21,363.00	286.24
11 42 13 00-0004	EA	Bench Type Mixers, 80 Quart	26,495.02	412.19
11 42 13 00-0005	EA	Bench Type Mixers, 130 Quart	29,553.41	515.24
11 42 13 00-0006		**Choppers** *(11 42 13)*		
11 42 13 00-0007	EA	Choppers, 5 Lb.	4,532.41	228.99
11 42 13 00-0008	EA	Choppers, 16 Lb.	6,661.00	297.69
11 42 13 00-0009	EA	Choppers, 35 LB - 40 Lb./Min, 2 HP	10,862.43	325.51
11 42 13 00-0010	EA	Choppers, 35 LB - 40 Lb./Min, 3 HP	12,350.96	325.51
11 42 13 00-0011		**Stand Model Mixer** *(11 42 13)*		
11 42 13 00-0012	EA	10 Quart, 120 Volt, 3/4 HP, Gear-Driven Commercial Planetary Stand Mixer With Guard (Avantco MX10)	1,384.53	91.67
11 42 13 00-0013	EA	20 Quart, 120 Volt, 1-1/2 HP, Gear-Driven Commercial Planetary Stand Mixer With Guard (Avantco MX20)	1,728.21	91.67
11 42 13 00-0014	EA	10 Quart, 120 Volt, 1/3 HP, Gear-Driven Commercial Planetary Stand Mixer With Guard (Globe SP10)	4,601.41	91.67
11 42 13 00-0015	EA	20 Quart, 240 Voltage, 1/2 HP, Gear-Driven Commercial Planetary Stand Mixer With Stainless Steel Bowl Guard (Hobart HL-200-1)	9,770.83	108.77
11 42 13 00-0016		**Floor Model Mixer** *(11 42 13)*		
11 42 13 00-0017	EA	30 Quart, 120 Voltage, 1-3/4 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Avantco MX30)	3,618.47	91.67
11 42 13 00-0018	EA	40 Quart, 240 Voltage, 2 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Avantco MX40)	5,013.61	101.87
11 42 13 00-0019	EA	60 Quart, 240 Voltage, 2-1/2 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Avantco MX60)	8,647.73	114.59
11 42 13 00-0020	EA	30 Quart, 240 Voltage, 3/4 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL-300-1)	18,573.60	108.77
11 42 13 00-0021	EA	40 Quart, 240 Voltage, 1-1/2 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL-400-1)	22,803.53	111.63
11 42 13 00-0022	EA	60 Quart, 220-240 Voltage, 2-3/4 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL-600-1)	29,043.11	114.50
11 42 13 00-0023	EA	80 Quart, 220-240 Voltage, 3 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL800-1)	42,890.34	143.12
11 42 13 00-0024	EA	140 Quart, 220-240 Voltage, 5 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL-1400-1)	54,940.19	183.20
11 42 13 00-0025		**Slicers** *(11 42 13)*		
11 42 13 00-0026	EA	1/3 HP, 12" Manual Gravity Feed Meat Slicer (Avantco SL312)	764.48	28.65
11 42 13 00-0027	EA	1/2 HP, 12" Manual Gravity Feed Meat Slicer (Avantco SL512)	1,116.67	28.65
11 42 13 00-0028	EA	1/2 HP, 13" Medium-Duty Manual Gravity Feed Meat Slicer (Avantco SL713MAN)	1,611.70	28.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 42 13 00-0029	EA	1/2 HP, 12" Medium-Duty Automatic Meat Slicer With Manual Use Option (Avantco SL612A)	2,743.21	28.65
11 42 13 00-0030	EA	3/4 HP, 13" Medium-Duty Automatic Meat Slicer With Manual Use Option (Avantco SL713A)	3,026.08	28.65
11 42 13 00-0031	EA	1/2 HP, 13" Heavy-Duty Automatic Gravity Feed Meat Slicer (Hobart EDGE13A-11)	7,214.18	28.65
11 42 13 00-0032		**Peelers** *(11 42 13)*		
11 42 13 00-0033	EA	22 Lb. Capacity, 120 Voltage, Potato Peeler (Sammic PI-10)	3,861.81	186.05
11 42 13 00-0034	EA	44 Lb. Capacity, 120 Voltage, Potato Peeler (Sammic PI-20)	4,461.22	216.97
11 42 13 00-0035	EA	66 Lb. Capacity, 120 Voltage, Potato Peeler (Sammic PI-30)	6,910.42	248.11
11 42 13 00-0036	EA	20 Lb. Capacity, 115 Voltage, Potato Peeler (Hobart 6115)	6,162.84	186.05
11 42 13 00-0037	EA	40 Lb. Capacity, 115 Voltage, Potato Peeler (Hobart 6430-1)	12,478.51	216.97
11 42 13 00-0038	EA	60 Lb. Capacity, 115 Voltage, Potato Peeler (Hobart 6460-1)	13,291.33	248.11
11 42 13 00-0039		**Proof Boxes** *(11 42 13)*		
11 42 13 00-0040	EA	30-1/2" x 22-1/2", Stainless Steel Proof Box	3,326.75	80.37
11 42 13 00-0041	EA	30-1/2" x 45", Stainless Steel Proof Box	5,566.66	134.70
11 42 13 00-0042	EA	30-1/2" x 45", Galvanized Proof Box	3,360.12	61.15
11 42 13 00-0043		**Non-Insulated Heated Proof Cabinet** *(11 42 13)*		
11 42 13 00-0044	EA	Angle Slide 69-3/4", Solid Door Non-Insulated Heated Proof Cabinet	3,503.37	77.02
11 42 13 00-0045	EA	Angle Slide 69-3/4", Clear Door Non-Insulated Heated Proof Cabinet	3,758.47	82.35
11 42 13 00-0046	EA	Channel Slide 69-3/4", Solid Door Non-Insulated Heated Proof Cabinet	3,479.65	76.40
11 42 13 00-0047	EA	Channel Slide 69-3/4", Clear Door Non-Insulated Heated Proof Cabinet	3,687.93	80.99
11 42 13 00-0048		**Insulated Heated Proof Cabinet** *(11 42 13)*		
11 42 13 00-0049	EA	3 Spacing, 69-3/4" High Solid Door Insulated Heated Proof Cabinet	5,692.10	131.62
11 42 13 00-0050	EA	3 Spacing 69-3/4" High Sliding Door Insulated Heated Proof Cabinet	5,948.30	137.59
11 42 13 00-0051		**Pass-Thru Hot Food Holding Cabinet** *(11 42 13)*		
11 42 13 00-0052	EA	Single Section, Full Door, Pass-Thru Hot Food Holding Cabinet	7,961.46	240.45
11 42 13 00-0053	EA	Single Section, Half Door, Pass-Thru Hot Food Holding Cabinet	8,470.50	240.45
11 42 13 00-0054	EA	Two Section, Full Door, Pass-Thru Hot Food Holding Cabinet	10,816.72	251.89
11 42 13 00-0055	EA	Two Section, Half Door, Pass-Thru Hot Food Holding Cabinet	11,856.56	251.89
11 42 16		**Food Preparation Surfaces** *(11 42)*		
11 42 16 00-0001		**Tables** *(11 42 16)*		
11 42 16 00-0002		**Baker's Table** *(11 42 16 00-0001)*		
11 42 16 00-0003	EA	4' Open Base Baker's Table	935.06	58.68
11 42 16 00-0004	EA	10' Open Base Baker's Table	1,835.20	115.04
11 42 16 00-0005	EA	10' Under Shelf Baker's Table	2,264.36	141.97
11 42 16 00-0006	EA	10' Three Drawers Baker's Table	2,428.63	152.44
11 42 16 00-0007	EA	10' Bins Baker's Table	3,573.17	224.34
11 42 16 00-0008	EA	10' Bins And Drawers Baker's Table	5,610.88	352.16
11 42 16 00-0009		**Preparation Table, Stainless Steel, With Under Shelf** *(11 42 16 00-0001)*		
11 42 16 00-0010	EA	30" x 72" Square Edge Stainless Steel Preparation Table With Under Shelf	1,219.06	30.94
11 42 16 00-0011	EA	30" x 72' Marine Edge Stainless Steel Preparation Table With Under Shelf	1,313.47	37.16
11 42 16 00-0012	EA	36" x 96" Marine Edge Stainless Steel Preparation Table With Under Shelf	1,985.78	50.51
11 42 16 00-0013		**Preparation Table, Stainless Steel, With Open Front** *(11 42 16 00-0001)*		
11 42 16 00-0014	EA	30" X 72" Round Edge Stainless Steel Preparation Table With Open Front	1,283.61	32.55
11 42 16 00-0015	EA	36" X 96" Round Edge Stainless Steel Preparation Table With Open Front	1,649.80	41.87
11 42 16 00-0016	EA	36" X 96" Square Edge Stainless Steel Preparation Table With Open Front	1,417.17	36.01
11 42 16 00-0017	EA	36" X 96' Marine Edge Stainless Steel Preparation Table With Open Front	1,705.81	43.37
11 42 16 00-0018	EA	Roller Utility Drawers Stainless Steel Preparation Table With Open Front	344.60	8.74
11 42 16 00-0019		**Mobile Tables** *(11 42 16 00-0001)*		
11 42 16 00-0020	EA	21-1/4" x 27-1/2" x 41" Galvanized Mobile Table With Galvanized Top	3,217.06	27.72
11 42 16 00-0021	EA	32-1/4" x 27-1/2" x 41" Galvanized Mobile Table With Galvanized Top	1,737.08	33.25
11 42 16 00-0022	EA	32-1/4" x 27-1/2" x 41" Stainless Steel Mobile Table With Stainless Steel Top	1,468.92	37.39
11 42 16 00-0023		**Hot Food Tables, Stainless Steel, Gas Or Electric** *(11 42 16 00-0001)*		
11 42 16 00-0024	EA	32-1/4" x 27-1/2" x 41" Stainless Steel Hot Food Tables	2,623.44	66.73
11 42 16 00-0025	EA	32-1/4" x 27-1/2" x 21" Stainless Steel Hot Food Tables	2,127.95	54.07
11 42 16 00-0026	EA	Full Size Pan With Cover Stainless Steel Hot Food Tables	176.62	4.49
11 42 16 00-0027	EA	Set Of Three 1/3 Size With Cover Stainless Steel Hot Food Tables	258.42	6.56
11 42 16 00-0028	EA	58-1/2", 4 Openings Stainless Steel Hot Food Tables	5,193.08	125.89
11 42 16 00-0029	EA	114-1/2", 8 Openings Stainless Steel Hot Food Tables	10,331.35	251.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 42 16 00-0030		Basic Table *(11 42 16 00-0001)*		
11 42 16 00-0031	LF	Table, Basic	321.04	29.08
11 42 16 00-0032		Table With Sink *(11 42 16)*		
11 42 16 00-0033	LF	Table With Sink	397.06	47.86
11 42 23		**Food Preparation Scullery Sinks** *(11 42)*		
11 42 23 00-0001		Stainless Steel Scullery Sinks *(11 42 23)*		
		Note: Excludes faucet. See CSI section 22 42 39 00-0072 for service sink faucets.		
11 42 23 00-0002	EA	Stainless Steel Scullery Sink, Single 30" x 24" x 12" Compartment And Drain Board	3,171.05	200.86
		For Additional Drain Board, Add	*294.15*	
11 42 23 00-0003	EA	Stainless Steel Scullery Sink, Double 30" x 24" x 12" Compartment And Drain Board	4,529.34	229.54
		For Additional Drain Board, Add	*424.24*	
11 42 23 00-0004	EA	Stainless Steel Scullery Sink, Triple 30" x 24" x 12" Compartment And Drain Board	6,032.08	229.54
		For Additional Drain Board, Add	*568.78*	
11 42 23 00-0005	EA	Stainless Steel Scullery Sink, Quad 30" x 24" x 12" Compartment And Drain Board	8,615.35	229.54
		For Additional Drain Board, Add	*815.63*	
11 42 23 00-0006	EA	Stainless Steel Pot Sink, Double 20" x 20" x 18" Compartment And Drain Board	5,315.15	229.54
11 44		**Food Cooking Equipment** *(11 40)*		
11 44 13		**Commercial Ranges** *(11 44)*		
11 44 13 00-0001		Range *(11 44 13)*		
11 44 13 00-0002	EA	Heavy-Duty Range, With 34" Open Top Oven	2,877.91	114.50
11 44 13 00-0003	EA	Range With Fry Top	2,877.91	114.50
11 44 13 00-0004	EA	Steel Finish Fry Top	6,114.16	151.19
11 44 13 00-0005	EA	Stainless Top Only Fry Top	6,111.38	149.46
11 44 13 00-0006	EA	Stainless Top And 2 Sides Fry Top	7,061.92	174.01
11 44 13 00-0007	EA	6 Burner Gas Range (Vulcan #260L)	6,374.13	155.04
		Note: Six 12" burners, open top sections, porcelain on steel aeration plates and grates. 24" griddle/broiler, two 26-1/4" x 22" x 14-1/2" ovens porcelain on steel liner and aluminized steel construction, nickel-plated oven racks.		
11 44 13 00-0008	EA	48" Range With Casters (Vulcan 48C-4B24GN)	15,948.70	104.62
11 44 16		**Commercial Ovens** *(11 44)*		
11 44 16 00-0001		Bake Oven *(11 44 16)*		
11 44 16 00-0002	EA	55", 208 Voltage, 1 Phase, Single Deck Electric Bake Oven (Bakers Pride EB-1-8-3836)	21,653.14	407.96
11 44 16 00-0003	EA	55", 208 Voltage, 3 Phase, Single Deck Electric Bake Oven (Bakers Pride EB-1-8-3836)	21,653.14	407.96
11 44 16 00-0004	EA	74", 208 Voltage, 1 Phase, Single Deck Electric Bake Oven (Bakers Pride EB-1-8-5736)	29,356.12	407.96
11 44 16 00-0005	EA	74", 208 Voltage, 3 Phase, Single Deck Electric Bake Oven (Bakers Pride EB-1-8-5736)	29,356.12	407.96
11 44 16 00-0006	EA	55", 208 Voltage, 1 Phase, Double Deck Electric Bake Oven (Bakers Pride EB-2-8-3836)	41,925.38	466.24
11 44 16 00-0007	EA	55", 208 Voltage, 3 Phase, Double Deck Electric Bake Oven (Bakers Pride EB-2-8-3836)	41,925.38	466.24
11 44 16 00-0008	EA	74", 208 Voltage, 1 Phase, Double Deck Electric Bake Oven (Bakers Pride EB-2-8-7436)	61,343.42	466.24
11 44 16 00-0009	EA	74", 208 Voltage, 3 Phase, Double Deck Electric Bake Oven (Bakers Pride EB-2-8-7436)	61,343.42	466.24
11 44 16 00-0010	EA	55", 208 Voltage, 1 Phase, Triple Deck Electric Bake Oven (Bakers Pride EB-3-8-3836)	66,670.96	582.80
11 44 16 00-0011	EA	55", 208 Voltage, 3 Phase, Triple Deck Electric Bake Oven (Bakers Pride EB-3-8-3836)	66,670.96	582.80
11 44 16 00-0012	EA	74", 208 Voltage, 1 Phase, Triple Deck Electric Bake Oven (Bakers Pride EB-3-8-7436)	93,794.59	582.80
11 44 16 00-0013	EA	74", 208 Voltage, 3 Phase, Triple Deck Electric Bake Oven (Bakers Pride EB-3-8-7436)	93,794.59	582.80
11 44 16 00-0014		Rapid-Cook Countertop Bake Ovens *(11 44 16)*		
11 44 16 00-0015	EA	6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Digital Control, Stainless Steel Countertop Oven (TurboChef ECS-9500-1)	10,009.70	26.16
11 44 16 00-0016	EA	800 To 2,200 Watts, 208/240 Volt, Rapid Cook Type, Touchscreen Control, Stainless Steel Classic Countertop Oven (MerryChef E1SM)	5,940.34	26.16
11 44 16 00-0017	EA	4,700 Watts, 208/240 Volt, 1.2 CF, Rapid Cook Type, Touchscreen Control, Stainless Steel Countertop Oven (MerryChef E3-1330-H)	4,679.22	26.16
11 44 16 00-0018	EA	800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop High-Speed Oven (TurboChef ECO-9500-1)	7,133.87	26.16
11 44 16 00-0019	EA	800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop Oven, Black (TurboChef ECO-9500-5)	7,424.71	26.16
11 44 16 00-0020	EA	800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop Oven, Red (TurboChef ECO-9500-2)	7,424.71	26.16
11 44 16 00-0021	EA	800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Blue (TurboChef ECO-9500)	7,424.71	26.16
11 44 16 00-0022	EA	800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Green (TurboChef ECO-9500)	7,424.71	26.16
11 44 16 00-0023	EA	800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven, White (TurboChef ECO-9500)	7,424.71	26.16
11 44 16 00-0024	EA	1,600 To 1,700 Watts, 208/240 Volt, 1.05 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop Oven (TurboChef NGC-1280-1)	13,812.36	26.16
11 44 16 00-0025	EA	6,200 Watts, 208/240 Volt, 1.304 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (MerryChef E4S)	12,805.88	26.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 16 00-0026	EA	4,600 Watts, 208/240 Volt, 1.2 CF, Accelerated Cook Type, Digital Controls, Stainless Steel Jetwave Ventless Countertop Oven (Amana JET19V)	6,840.62	26.16
11 44 16 00-0027	EA	3,200 Watts, 208/240 Volt, 1.2 CF, Accelerated Cook Type, Digital Controls, Stainless Steel Jetwave Countertop Oven (Amana JET14)	5,591.57	26.16
11 44 16 00-0028	EA	4,600 Watts, 208/240 Volt, 1.2 CF, Accelerated Cook Type, Digital Controls, Stainless Steel Countertop Oven (Amana JET19)	6,080.33	26.16
11 44 16 00-0029	EA	6,200 Watts, 208/240 Volt, 0.78 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef ENC-9600-601)	14,536.44	26.16
11 44 16 00-0030	EA	5,700 Watts, 208/240 Volt, 1.38 CF, Accelerated Cook Type, Digital Controls, Stainless Steel Countertop Oven With Teflon® Coating And Touch Screen Display (Amana MXP22TLT)	12,977.25	26.16
11 44 16 00-0031	EA	1,000 To 2,200 Watts, 208/240 Volt, 0.58 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (MerryChef E2S STANDARD CLASSIC)	9,076.84	26.16
11 44 16 00-0032	EA	9,500 To 11,500 Watts, 208/240 Volt, 2.2 CF, 1 Phase, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef i5)	18,266.69	26.16
11 44 16 00-0033	EA	9,500 To 11,500 Watts, 208/240 Volt, 2.2 CF, 3 Phase, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef i5)	18,266.69	26.16
11 44 16 00-0034	EA	9,500 To 11,500 Watts, 208/240 Volt, 2.2 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef i5 Touch)	18,942.51	26.16
11 44 16 00-0035	EA	11,500 Watts, 208/240 Volt, 2.2 CF, 3 Phase, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef i5-9500-414-DL)	18,942.51	26.16
11 44 16 00-0036	EA	1,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (Amana MRX1)	10,044.70	26.16
11 44 16 00-0037	EA	5,000 Watts, 208/240 Volt, 1.45 CF, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef HHB-8603-1)	10,009.70	26.16
11 44 16 00-0038	EA	6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef I1-9500-400)	12,209.71	26.16
11 44 16 00-0039	EA	4,000 To 4,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Countertop Oven (TurboChef I1-9500-104)	10,636.03	26.16
11 44 16 00-0040	EA	6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen, Countertop Oven With Panini Press (TurboChef PANINI)	11,883.88	26.16
11 44 16 00-0041	EA	6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop Oven With Panini Press (TurboChef PANINI TOUCH)	12,461.94	26.16
11 44 16 00-0042	EA	4,000 To 4,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven With Touch Controls (TurboChef SOTA SNGL MAG TOUCH)	11,034.28	26.16
11 44 16 00-0043	EA	6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef WATERLESS STEAMER)	13,414.11	26.16
11 44 16 00-0044	EA	6,200 Watts, 208/240 Volt, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef WATERLESS STEAMER TCH)	14,011.48	26.16
11 44 16 00-0045	EA	2,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (Amana MRX2)	10,587.76	26.16
11 44 16 00-0046	EA	2,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Black (Amana MRX1 BLACK)	10,165.38	26.16
11 44 16 00-0047	EA	2,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Red (Amana MRX1 RED)	10,165.38	26.16
11 44 16 00-0048	EA	1,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Black (Amana MRX2 BLACK)	10,708.44	26.16
11 44 16 00-0049	EA	1,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Red (Amana MRX2 RED)	10,708.44	26.16
11 44 16 00-0050	EA	4,000 To 4,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Powder Coated, Countertop Oven (TurboChef I1-9500-1)	11,636.48	26.16
11 44 16 00-0051	EA	8,300 To 9,600 Watts, 208/240 Volt, 1.14 CF, 1 Phase, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef i3)	15,589.99	26.16
11 44 16 00-0052	EA	8,600 To 9,900 Watts, 208/240 Volt, 1.14 CF, 3 Phase, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef i3)	15,589.99	26.16
11 44 16 00-0053	EA	8,300 To 9,600 Watts, 208/240 Volt, 1.14 CF, 1 Phase, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef i3 Touch)	16,241.67	26.16
11 44 16 00-0054	EA	8,600 To 9,900 Watts, 208/240 Volt, 1.14 CF, 3 Phase, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef i3 Touch)	16,241.67	26.16
11 44 16 00-0055	EA	10,720/12,480 Watts, 208/240 Volt, 1.18 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Double Batch Ventless Countertop Oven (TurboChef HHD-9500-1)	14,613.68	26.16
11 44 16 00-0056	EA	5,616 Watts, 208/240 Volt, 0.99 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Single Batch Ventless Countertop Oven (TurboChef HHS-9500-1)	10,986.01	26.16
11 44 16 00-0057		**Combination Ovens** *(11 44 16)*		
		Note: Convection, steam and combination modes.		
11 44 16 00-0058	EA	35.4" x 34" x 26.6" Half Size Electric Boilerless Combination Oven	25,747.68	200.36
11 44 16 00-0059	EA	35.4" x 45" x 36.8" Full Size Electric Boilerless Combination Oven	42,237.15	228.99
11 44 16 00-0060	EA	35.4" x 34" x 36.8 Half Size Electric Boilerless Combination Oven	34,893.75	228.99
11 44 16 00-0061	EA	35.4" x 45" x 70.4" Full Size Electric Boilerless Combination Oven	84,204.99	286.24
11 44 16 00-0062	EA	35.4" x 34" x 70.4 Half Size Electric Boilerless Combination Oven	63,929.24	286.24
11 44 16 00-0063		**Broiler, Without Oven** *(11 44 16)*		
11 44 16 00-0064	EA	69" x 26" x 39" Broiler Without Oven	7,979.22	183.20
11 44 16 00-0065	EA	Conveyor Broiler	7,097.72	212.62
11 44 16 00-0066		**Oven Stands** *(11 44 16)*		
11 44 16 00-0067	EA	Stationary Oven Stand (Rational 60.30.334 US III UltraVent® Stationary Oven Stand)	2,043.49	
11 44 16 00-0068		**Countertop Electric Convection Type Ovens** *(11 44 16)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 16 00-0069	EA	1,440 Watts, 120 Volt, 0.8 CF, 150 To 500 Degrees Fahrenheit Temperature Range, One Glass Door, Quarter Size, Thermostatic Control, Stainless Steel Countertop Electric Convection Oven (Avantco CO-14)	250.72	13.08
11 44 16 00-0070	EA	1,600 Watts, 120 Volt, 1.5 CF, 150 To 500 Degrees Fahrenheit Temperature Range, One Glass Door, Half Size, Thermostatic Control, Stainless Steel Countertop Electric Convection Oven (Avantco CO-16)	403.32	13.08
11 44 16 00-0071	EA	2,800 Watts, 208/240 Volt, 2.3 CF, 150 To 500 Degrees Fahrenheit Temperature Range, One Glass Door, Thermostatic Control, Half Size, Stainless Steel Countertop Electric Convection Oven (Avantco CO-28)	474.39	13.08
11 44 16 00-0072	EA	2,800 Watts, 208/240 Volt, 2.3 CF, 150 To 550 Degrees Fahrenheit Temperature Range, 2.3 CF, One Glass Door, Half Size, Stainless Steel Countertop Electric Convection Oven With Steam Injection (Avantco CO-32)	609.13	13.08
11 44 16 00-0073	EA	3,500 To 4,600 Watts, 208-240 Volt, 4.4 CF, 550 Degrees Fahrenheit, Two Glass Doors, Dial Control, Stainless Steel Full Size Electric Countertop Convection Oven (Avantco CO-38)	1,103.17	13.08
11 44 16 00-0074	EA	3,500 To 4,600 Watts, 208 To 240 Volt, 4.4 CF, 150 To 550 Degrees Fahrenheit Temperature Range, One Glass Door, Dial Control, Full Size, Stainless Steel Countertop Electric Cooky Type Convection Oven With Steam Injection (Avantco CO-46)	1,282.83	13.08
11 44 16 00-0075	EA	1,440 Watts, 120 Volt, 0.8 CF, 500 Degrees Fahrenheit Temperature Range, One Glass Door, Dial Control, Quarter Size, Stainless Steel Countertop Electric Convection Oven (Galaxy COE3Q)	223.77	13.08
11 44 16 00-0076	EA	1,600 Watts, 120 Volt, 1.5 CF, 500 Degrees Fahrenheit, One Glass Door, Half Size, Dial Control, Stainless Steel Countertop Electric Convection Oven (Galaxy COE3H)	367.49	13.08
11 44 16 00-0077	EA	1,700 Watts, 120 Volt, 27-15/16" Length x 23-5/8" Width x 24" Height, 200 To 500 Degrees Fahrenheit Temperature Range, One Glass Door, Half Size, Stainless Steel 4 Pan Electric Countertop Convection Oven (Global Solutions GS1110-17)	1,039.44	13.08
11 44 16 00-0078	EA	1,400 Watts, 120 Volt, 1.19 CF, 150 - 570 Degrees Fahrenheit Temperature Range, One Glass Door, Thermostatic Control, Stainless Steel Half Size Electric Countertop Convection Oven (Vollrath 40703)	946.11	13.08
11 44 16 00-0079	EA	2,400 Watts, 230 Volt, 1.9 CF, 150 - 570 Degrees Fahrenheit Temperature Range, One Glass Door, Dial Control, Stainless Steel Half Size Electric Countertop Convection Oven (Vollrath 40701)	1,284.44	13.08
11 44 16 00-0080	EA	5,600 Watts, 230 Volt, 4.27 CF, 150 - 570 Degrees Fahrenheit Temperature Range, 1 Glass Door, Dial Control, Stainless Steel Full Size Electric Countertop Convection Oven (Vollrath 40702)	2,079.67	13.08
11 44 16 00-0081		**Electric Convection Type Ovens** *(11 44 16)*		
11 44 16 00-0082	EA	11 kW, 240 Volt, Two Glass Doors, 41-1/2" x 38-1/8" x 54-1/8", Single Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC-100)	4,558.77	52.32
11 44 16 00-0083	EA	22 kW, 240 Volt, 1 Phase, Four Glass Doors, 41-1/2" x 38" x 63-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC200DK)	9,041.99	104.62
11 44 16 00-0084	EA	22 kW, 240 Volt, 3 Phase, Four Glass Doors, 41-1/2" x 38" x 63-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC200CK)	9,041.99	104.62
11 44 16 00-0085	EA	22 kW, 240 Volt, 3 Phase, Four Glass Doors, 41-1/2" x 38" x 63-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC200EK)	9,041.99	104.62
11 44 16 00-0086	EA	22 kW, 208 Volt , 1 Phase, Four Glass Doors, 41-1/2" x 38" x 63-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC200BK)	9,041.99	104.62
11 44 16 00-0087	EA	24 kW, 208 Volt, 3 Phase, Four Glass Doors, 40" x 40-1/8" x 68-13/16", Double Deck, Stainless Steel Full Size Electric Convection Oven (Vulcan VC55ED-208/3)	14,914.34	104.62
11 44 16 00-0088	EA	12 kW, 208 Volt, 3 Phase, Two Glass Doors, 40" x 40-1/8" x 54", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Vulcan VC5ED-11D1 208/3)	7,457.17	52.32
11 44 16 00-0089	EA	12 kW, 240 Volt, 1 Phase, Two Glass Doors, 40" x 40-1/8" x 54", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Vulcan VC5ED-12D1 240/1)	7,457.17	52.32
11 44 16 00-0090	EA	12.5 kW, 208 Volt, 3 Phase, Two Glass Doors, 41-1/8" x 40-1/4" x 54-3/4", Single Deck, Stainless Steel Full Size Electric Convection Oven (Vulcan VC4ED-11D1 208/3)	8,183.70	52.32
11 44 16 00-0091	EA	12 kW, 208 Volt, 1 Phase, Two Glass Doors, 40" x 40-1/8" x 54", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Vulcan VC5ED-11D1 208/1)	7,457.17	52.32
11 44 16 00-0092	EA	12 kW, 240 Volt, 3 Phase, Two Glass Doors, 40" x 40-1/8" x 24", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Vulcan VC5ED-12D1 240/3)	7,457.17	52.32
11 44 16 00-0093	EA	25 kW, 208 Volt, 3 Phase, Four Glass Doors, 41-1/8" x 40" x 70", Double Deck, Stainless Steel Full Size Electric Convection Oven (Vulcan VC44ED-208/3)	16,367.42	104.62
11 44 16 00-0094	EA	11 kW, 220/240 Volt, 1 Phase, Two Glass Doors, 36-7/8" x 38-1/4" x 57", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Blodgett SHO-100-E)	6,963.12	52.32
11 44 16 00-0095	EA	22 kW, 208 Volt, 3 Phase, Four Glass Doors, 36-7/8" x 38-1/4" x 70", Double Deck, Stainless Steel Full Size Electric Convection Oven (Blodgett SHO-100-E)	13,926.25	104.62
11 44 16 00-0096	EA	24 kW, 208 Volt, 1 Phase, Four Glass Doors, 40" x 40-1/8" x 68 13/16", Double Deck, Stainless Steel Full Size Electric Convection Oven (Vulcan VC55ED-208/1)	14,914.34	104.62
11 44 16 00-0097	EA	21 kW, 208 Volt, 1 Phase, Four Glass Doors, 46" x 40" x 74-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Bakers Pride BPCV-E2 208/1)	18,864.47	104.62
11 44 16 00-0098		**Natural Gas Convection Type Ovens** *(11 44 16)*		
11 44 16 00-0099	EA	54,000 BTU, 150 To 550 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Natural Gas Convection Oven With Legs (Cooking Performance Group FGC100N)	4,704.69	52.32
11 44 16 00-0100	EA	108,000 BTU, 150 To 550 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven With Legs (Cooking Performance Group FGC200N)	9,331.35	104.62
11 44 16 00-0101	EA	100,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Stainless Steel Double Deck Full Size Natural Gas Convection Oven With Solid State Controls (Vulcan VC44GD-NAT)	16,076.39	104.62
11 44 16 00-0102	EA	100,000 BTU, 150 To 550 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven (Vulcan VC55GD)	15,396.08	104.62
11 44 16 00-0103	EA	100,000 BTU, 500 Degrees Fahrenheit, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven (Blodgett SHO-100-G)	14,375.62	104.62
11 44 16 00-0104	EA	50,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Natural Gas Convection Oven with Solid State Controls And Legs (Vulcan VC4GD-11D150K)	8,038.19	52.32
11 44 16 00-0105	EA	120,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Bakery Depth Natural Gas Convection Oven With Draft Diverter (Blodgett ZEPHAIRE-200-G)	8,142.82	104.62
11 44 16 00-0106	EA	120,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Standard Depth Full Size Natural Gas Convection Oven With Analog Controls (Garland MCO-GS-20S)	22,457.26	104.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 16 00-0107	EA	50,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Natural Gas Convection Oven (Blodgett SHO-100-G)	7,187.81	52.32
11 44 16 00-0108	EA	100,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Bakery Depth Natural Gas Convection Oven With Draft Diverter (Blodgett ZEPHAIRE-200-G-ES)	19,698.02	104.62
11 44 16 00-0109	EA	120,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Digital Control, Stainless Steel Double Deck Standard Depth Full Size Natural Gas Convection Oven With Digital Controls (Garland MCO-GS-20)	29,262.32	104.62
11 44 16 00-0110	EA	120,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven (Garland MCO-GS-20-ESS)	22,457.26	104.62
11 44 16 00-0111	EA	100,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Standard Depth Natural Gas Convection Oven With Draft Diverter (Blodgett ZEPHAIRE-100-G)	18,397.43	104.62
11 44 16 00-0112	EA	90,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven (Blodgett BDO-100-G-ES)	16,376.52	104.62
11 44 16 00-0113	EA	50,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Natural Gas Convection Oven With Legs (Vulcan VC5GDN)	7,698.04	52.32
11 44 16 00-0114	EA	36" Wide x 58" Height x 41" Depth, Natural Gas Convection Oven (Vulcan 36C-BN)	9,928.65	228.99
		For 5" Swivel Plate Casters, Set of 4, Add	*671.37*	

11 44 16 00-0115 Liquid Propane Convection Type Ovens *(11 44 16)*

11 44 16 00-0116	EA	108,000 BTU, 45" Length x 38" Width x 68" Height, 150 To 550 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Liquid Propane Convection Oven With Legs (Cooking Performance Group FGC200L)	9,331.35	104.62
11 44 16 00-0117	EA	100,000 BTU, 41-1/8" Length x 40-1/4" Width x 70" Height, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Liquid Propane Convection Oven With Solid State Controls (Vulcan VC44GD-LP)	16,076.39	104.62
11 44 16 00-0118	EA	50,000 BTU, 41-1/8" Length x 40-1/4" Width x 54-3/4" Height, 150 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Stainless Steel Single Deck Full Size Liquid Propane Convection Oven With Solid State Controls And Legs (Vulcan VC4GD-21D150K)	8,038.19	52.32
11 44 16 00-0119	EA	100,000 BTU, 45-1/8" Length x 40-1/4" Width x 70" Height, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Stainless Steel Double Deck Full Size Depth Liquid Propane Convection Oven With Solid State Controls (Vulcan VC66GD-LP)	30,318.79	104.62
11 44 16 00-0120	EA	100,000 BTU, 36-7/8" Length x 38-1/4" Width x 70" Height, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Liquid Propane Convection Oven (Blodgett SHO-100-G)	14,375.62	104.62
11 44 16 00-0121	EA	100,000 BTU, 40-1/8" Length x 40-1/8" Width x 68-5/8" Height, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Liquid Propane Convection Oven (Vulcan VC55GD LP)	15,396.08	104.62
11 44 16 00-0122	EA	50,000 BTU, 40-1/8" Length x 40" Width x 54-3/4" Height, 150 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Liquid Propane Convection Oven With Legs (Vulcan VC5GDL)	7,698.04	52.32
11 44 16 00-0123	EA	50,000 BTU, 36-7/8" Length x 38-1/4" Width x 63" Height, 200 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Liquid Propane Convection Oven (Blodgett SHO-100-G)	7,187.81	52.32

11 44 16 00-0124 Countertop Pizza Oven *(11 44 16)*

11 44 16 00-0125	EA	3,700 To 4,800 Watts, 208/240 Volt, Stainless Steel Countertop Pizza Oven, White (TurboChef FIRE WHITE)	6,808.03	26.16

11 44 16 00-0126 Rotary Deck Pizza Oven *(11 44 16)*

11 44 16 00-0127	EA	90,000 BTU, 2 Deck, 38.6" Diameter Rotary Deck Pizza Oven (Sierra Range Volare)	40,352.35	104.62

11 44 16 00-0128 Triple Conveyor Oven *(11 44 16)*

11 44 16 00-0129	EA	30 kW, 208 Volt, Three Door, Single Belt, Triple Conveyor, FastBake Stainless Steel Impingement Cook Type Oven Package (Lincoln 1180-3/1180-FB3) Note: 39" Length x 56" Width x 62" Height, 250 To 575 Degrees Fahrenheit Temperature Range	63,551.59	209.25
11 44 16 00-0130	EA	30 kW, 240 Volt, Three Door, Single Belt, Triple Conveyor, FastBake Stainless Steel Impingement Cook Type Oven Package (Lincoln 1180-3/1180-FB3) Note: 39" Length x 56" Width x 62" Height, 250 To 575 Degrees Fahrenheit Temperature Range	63,551.59	209.25
11 44 16 00-0131	EA	22 kW, 208 Volt, Three Door, Triple Conveyor, Stainless Steel Low Profile FastBake Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3) Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range	121,312.88	209.25
11 44 16 00-0132	EA	22 kW, 220 Volt, Three Door, Triple Conveyor, Stainless Steel Low Profile FastBake Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3) Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range	117,478.02	209.25
11 44 16 00-0133	EA	22 kW, 240 Volt, Three Door, Triple Conveyor, Stainless Steel Low Profile FastBake Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3) Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range	117,478.02	209.25
11 44 16 00-0134	EA	330,000 BTU, Natural Gas, Three Door, Triple Conveyor, Low Profile FastBake Stainless Steel, Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3) Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range	121,312.88	209.25
11 44 16 00-0135	EA	330,000 BTU, Liquid Propane, Three Door, Triple Conveyor, Stainless Steel Low Profile FastBake Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3) Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range	121,312.88	209.25

11 44 19 Commercial Cooking Equipment *(11 44)*

11 44 19 00-0001 Drop-In Electric Griddle *(11 44 19)*

11 44 19 00-0002	EA	24" Wide x 24" Deep, Drop-In Electric Griddle	4,524.72	157.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 19 00-0003	EA	36" Wide x 24" Deep, Drop-In Electric Griddle	6,432.09	157.44
11 44 19 00-0004	EA	48" Wide x 24" Deep, Drop-In Electric Griddle	7,361.43	171.75
11 44 19 00-0005	EA	60" Wide x 24" Deep, Drop-In Electric Griddle	8,807.10	171.75
11 44 19 00-0006	EA	72" Wide x 24" Deep, Drop-In Electric Griddle	11,286.56	186.05
11 44 19 00-0007		**Countertop Griddle** *(11 44 19)*		
11 44 19 00-0008	EA	16", 120 Voltage, 1750 Watt, Electric Countertop Griddle (Avantco EG16N)	562.71	148.38
11 44 19 00-0009	EA	24", 208/240 Voltage, 2675 To 3560 Watt, Electric Countertop Griddle (Avantco EG24N)	701.53	148.38
11 44 19 00-0010	EA	30", 208/240 Voltage, 3375 To 4500 Watt, Electric Countertop Griddle (Avantco EG30N)	782.51	148.38
11 44 19 00-0011	EA	36", 208/240 Voltage, 7488 To 10080 Watt, Electric Countertop Griddle (Avantco EG36N)	989.61	148.38
11 44 19 00-0012	EA	24", 220 Voltage, Thermostatic Electric Griddle (Vollrath 40716)	1,075.79	148.38
11 44 19 00-0013	EA	36", 220 Voltage, Thermostatic Electric Griddle (Vollrath 40717)	1,385.02	148.38
11 44 19 00-0014		**Panini Sandwich Grill** *(11 44 19)*		
11 44 19 00-0015	EA	3,500 Watts, 120 Volt, Double Commercial Panini Sandwich Grill With Smooth Plates (Avantco P85S)	607.28	104.62
11 44 19 00-0016	EA	1,750 Watts, 120 Volt, Commercial Panini Sandwich Grill With Grooved Plates (Avantco P78)	476.77	104.62
11 44 19 00-0017	EA	1,750 Watts, 120 Volt, Commercial Panini Sandwich Grill With Smooth Plates (Avantco P70S)	476.77	104.62
11 44 19 00-0018	EA	1,750 Watts, 120 Volt, Commercial Panini Sandwich Grill With Grooved Top and Smooth Bottom Plates (Avantco P75SG)	476.77	104.62
11 44 19 00-0019	EA	2,392 Watts, 208 Volt, Panini Perfetto Grooved Top And Bottom Panini Sandwich Grill (Waring WPG150B)	925.54	104.62
11 44 19 00-0020		**Electric Countertop Fryer, With Basket** *(11 44 19)*		
11 44 19 00-0021	EA	30 Lb. Capacity, 208-240 Volt, Two Basket, Countertop Deep Fryer (Avantco F202)	906.20	104.62
11 44 19 00-0022	EA	30 Lb. Capacity, 208-240 Volt, Four Basket, Commercial Countertop Deep Fryer (Vollrath 40710)	1,928.58	104.62
11 44 19 00-0023	EA	30 Lb. Capacity, 240 Volt, Two Basket, Countertop Electric Deep Fryer (Garland E24-31F)	7,037.30	104.62
11 44 19 00-0024		**Electric Floor Fryer, With Basket** *(11 44 19)*		
11 44 19 00-0025	EA	50 Lb. Capacity, Single Basket Lift, 208 Volt, Electric Fryer	7,141.39	228.99
11 44 19 00-0026	EA	50 Lb. Capacity, Single Basket Lift, 480 Volt, Electric Fryer	7,495.62	228.99
11 44 19 00-0027	EA	85 Lb. Capacity, Single Basket Lift, 208 Volt, Electric Fryer	23,927.47	297.69
11 44 19 00-0028	EA	85 Lb. Capacity, Single Basket Lift, 480 Volt, Electric Fryer	24,508.76	297.69
11 44 19 00-0029		**Natural Gas Floor Fryer, With Basket** *(11 44 19)*		
11 44 19 00-0030	EA	40 Lb. Capacity, 90,000 BTU, Natural Gas, Two Basket, Stainless Steel Floor Fryer (Avantco FF300)	1,411.64	167.40
11 44 19 00-0031	EA	50 Lb. Capacity, 120,000 BTU, Natural Gas, Two Basket, Stainless Steel Floor Fryer (Avantco FF400)	1,624.11	209.25
11 44 19 00-0032	EA	70 To 100 Lb. Capacity, 150,000 BTU, Natural Gas, Two Basket, Stainless Steel Tube Floor Fryer (Avantco FF518)	2,396.73	418.50
11 44 19 00-0033		**Steam Jacketed Kettles** *(11 44 19)*		
11 44 19 00-0034	EA	12 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Tabletop Kettle (Cleveland KET-12-T)	13,046.42	26.16
11 44 19 00-0035	EA	12 Gallon Capacity, 208 Volt, 12 kW, Tilting, Stainless Steel Electric Steam Jacketed Kettle (Vulcan K12ETT-7)	11,603.02	26.16
11 44 19 00-0036	EA	3 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Tabletop Kettle (Cleveland KET-3-T)	9,226.47	26.16
11 44 19 00-0037	EA	6 Gallon Capacity, 208 Volt, 7.5 kW, Tilting, Stainless Steel Electric Steam Jacketed Kettle (Vulcan K6ETT-7)	9,619.65	26.16
11 44 19 00-0038	EA	60 Gallon Capacity, 208 Volt, 18 kW, 3 Phase, Stationary, Stainless Steel 2/3 Steam Jacketed Electric Kettle (Vulcan K60EL)	33,752.09	26.16
11 44 19 00-0039	EA	150 Gallon Capacity, 240 Volt, 36 kW, 3 Phase, Stationary, Stainless Steel Steam Jacketed Electric Kettle (Vulcan ET150-240/3)	59,497.07	104.62
11 44 19 00-0040	EA	100 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Mixer Kettle (Cleveland MKE100T 208/2403)	140,647.37	104.62
11 44 19 00-0041	EA	6 Gallon Capacity, 240 Volt, 24 kW, 3 Phase, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Kettle With Modular Generator Base (Cleveland 24EMK624 240/3)	30,955.81	104.62
11 44 19 00-0042	EA	6 Gallon Capacity, 208 Volt, 24 kW, 3 Phase, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Kettle With Modular Generator Base (Cleveland 24EMK624 208/3)	30,955.81	104.62
11 44 19 00-0043	EA	125 Gallon Capacity, 240 Volt, 36 kW, 3 Phase, Stationary, Stainless Steel Steam Jacketed Electric Kettle (Vulcan ET125-240/3)	56,711.62	104.62
11 44 19 00-0044	EA	20 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Kettle (Cleveland KET-20-T)	20,703.46	104.62
11 44 19 00-0045	EA	40 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel Full Steam Jacketed Electric Kettle (Cleveland KEL40TSH 208/2403)	45,643.21	104.62
11 44 19 00-0046	EA	20 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Mixer Kettle (Cleveland MKET20T 208/2403)	57,129.26	104.62
11 44 19 00-0047	EA	60 Gallon Capacity, 208/240 Volt, Stationary, Stainless Steel Full Steam Jacketed Electric Kettle (Cleveland KEL60SH 208/2403)	40,657.71	104.62
11 44 19 00-0048	EA	40 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Kettle (Cleveland KEL-40-T)	37,512.28	104.62
11 44 19 00-0049	EA	40 Gallon Capacity, Tilting, Stainless Steel 2/3 Steam Jacketed Direct Steam Electric Mixer Kettle (Cleveland MKDL40T 208/2403)	115,726.84	104.62
11 44 19 00-0050	EA	60 Gallon Capacity, Tilting, Stainless Steel 2/3 Steam Jacketed Direct Steam Electric Mixer Kettle (Cleveland MKDL60T 208/2403)	119,406.99	104.62
11 44 19 00-0051	EA	100 Gallon Capacity, 190,000 BTU, Liquid Propane, Stationary, Stainless Steel 2/3 Steam Jacketed Kettle (Cleveland KGL100 LP)	55,704.64	209.25
11 44 19 00-0052	EA	60 Gallon Capacity, 100,000 BTU, Liquid Propane, Stationary, Stainless Steel 2/3 Steam Jacketed Kettle (Vulcan K60GL-LP)	38,857.38	209.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 19 00-0053	EA	40 Gallon Capacity, 140,000 BTU, Liquid Propane, Tilting, Stainless Steel Full Steam Jacketed Kettle (Cleveland KGL40TSH LP)	55,426.79	209.25
11 44 19 00-0054	EA	80 Gallon Capacity, 190,000 BTU, Liquid Propane, Stationary, Stainless Steel 2/3 Steam Jacketed Kettle (Cleveland KGL80 LP)	46,063.90	209.25
11 44 19 00-0055	EA	40 Gallon Capacity, 100,000 BTU, Liquid Propane, Tilting, Stainless Steel 2/3 Steam Jacketed Kettle (Vulcan K40GLT-LP)	47,730.98	209.25
11 44 19 00-0056	EA	6 Gallon Capacity, 34,000 BTU, Liquid Propane, Tilting, Stainless Steel 2/3 Steam Jacketed Tabletop Kettle (Cleveland KGT-6-T LP)	20,112.37	209.25
11 44 19 00-0057	EA	60 Gallon Capacity, 100,000 BTU, Liquid Propane, Tilting, Stainless Steel 2/3 Steam Jacketed Kettle (Vulcan K60GLT-LP)	57,857.51	209.25
11 44 19 00-0058	EA	125 Gallon Capacity, 135,000 BTU, Liquid Propane, Stationary, Stainless Steel Steam Jacketed Gas Kettle (Vulcan GT125E-LP)	57,558.69	209.25
11 44 19 00-0059	EA	80 Gallon Capacity, 190,000 BTU, Liquid Propane, Tilting, Stainless Steel 2/3 Steam Jacketed Kettle (Cleveland KGL80T LP)	63,779.65	209.25
11 44 19 00-0060	EA	60 Gallon Capacity, 190,000 BTU, Liquid Propane, Stationary, Stainless Steel Full Steam Jacketed Kettle (Cleveland KGL60SH LP)	43,226.03	209.25
11 44 19 00-0061	EA	12 Gallon Capacity, 53,000 BTU, Liquid Propane, Tilting, Stainless Steel 2/3 Steam Jacketed Tabletop Kettle (Cleveland KGT12TGB LP)	26,377.02	209.25
11 44 19 00-0062	EA	40 Gallon Capacity, 140,000 BTU, Liquid Propane, Tilting, Stainless Steel 2/3 Steam Jacketed Mixer Kettle (Cleveland MKGL40T LP)	140,014.34	209.25
11 44 19 00-0063	EA	80 Gallon Capacity, 135,000 BTU, Liquid Propane, Stationary, Stainless Steel Steam Jacketed Gas Kettle (Cleveland GL80E-LP)	46,371.46	209.25
11 44 19 00-0064	EA	60 Gallon Capacity, 100,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Kettle (Vulcan K60GLT-NAT)	57,857.51	209.25
11 44 19 00-0065	EA	60 Gallon Capacity, 190,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Horizontal Mixer Kettle (Cleveland HAMKG60T NAT)	134,384.03	209.25
11 44 19 00-0066	EA	25 Gallon Capacity, 90,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Kettle (Cleveland KGL-25-T NAT)	44,194.12	209.25
11 44 19 00-0067	EA	100 Gallon Capacity, 190,000 BTU, Natural Gas, Stationary, Stainless Steel 2/3 Steam Jacketed Horizontal Mixer Kettle (Cleveland HAMKGL100 NAT)	134,018.81	209.25
11 44 19 00-0068	EA	20 Gallon Capacity, 100,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Kettle (Vulcan K20GLT-NAT)	45,705.67	209.25
11 44 19 00-0069	EA	100 Gallon Capacity, 190,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Horizontal Mixer Kettle (Cleveland HAMKGL100T NAT)	158,221.13	209.25
11 44 19 00-0070	EA	12 Gallon Capacity, 53,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Tabletop Kettle (Cleveland KGT-12-T NAT)	24,049.40	209.25
11 44 19 00-0071	EA	80 Gallon Capacity, 190,000 BTU, Natural Gas, Stationary, Stainless Steel 2/3 Steam Jacketed Kettle (Cleveland KGL80 NAT)	46,063.90	209.25
11 44 19 00-0072	EA	60 Gallon Capacity, 135,000 BTU, Natural Gas, Stationary, Stainless Steel Steam Jacketed Gas Kettle (Cleveland GS60E-NAT)	45,810.52	209.25
11 44 19 00-0073	EA	40 Gallon Capacity, 140,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Mixer Kettle (Cleveland MKGL40T NAT)	134,771.96	209.25
11 44 19 00-0074	EA	6 Gallon Capacity, 34,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Tabletop Kettle (Cleveland KGT-6-T NAT)	20,112.37	209.25
11 44 19 00-0075	EA	100 Gallon Capacity, 190,000 BTU, Natural Gas, Stationary, Stainless Steel 2/3 Steam Jacketed Kettle (Cleveland KGL100 NAT)	55,704.64	209.25
11 44 19 00-0076	EA	40 Gallon Capacity, Tilting, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Cleveland KDL-40-T)	19,277.09	209.25
11 44 19 00-0077	EA	60 Gallon Capacity, Tilting, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Vulcan K60DLT)	26,100.92	209.25
11 44 19 00-0078	EA	125 Gallon Capacity, Stationary, Stainless Steel Fully Jacketed Direct Steam Kettle (Vulcan ST125)	45,613.06	209.25
11 44 19 00-0079	EA	200 Gallon Capacity, Stationary, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Cleveland KDL200)	60,836.93	209.25
11 44 19 00-0080	EA	12 Gallon Capacity, Tilting, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle With Modular Stand (Cleveland SD760K12)	23,776.80	209.25
11 44 19 00-0081	EA	12 Gallon Capacity, 26" Table, Tilting, Stainless Steel Direct Steam Kettle (Cleveland VEKT26/6)	16,544.06	209.25
11 44 19 00-0082	EA	40 Gallon Capacity, Stationary Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Vulcan K40DL)	17,580.30	209.25
11 44 19 00-0083	EA	60 Gallon Capacity, Stationary, Stainless Steel Full Steam Jacketed Direct Steam Kettle (Cleveland KDL60SH)	27,362.59	209.25
11 44 19 00-0084	EA	60 Gallon Capacity, Stationary, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Vulcan K60DL)	20,472.35	209.25
11 44 19 00-0085	EA	40 Gallon Capacity, Stationary, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Cleveland KDL40)	16,603.47	209.25
11 44 19 00-0086	EA	80 Gallon Capacity, Stationary, Stainless Steel Full Steam Jacketed Direct Steam Kettle (Cleveland KDL80F)	41,254.89	209.25
11 44 19 00-0087	EA	80 oz., Tilting, Stainless Steel 2/3 Steam Jacketed Direct Steam Tabletop Oyster Kettle (Cleveland KDT-1-T)	8,993.29	209.25
11 44 19 00-0088	EA	40 Gallon Capacity, Stationary, Stainless Steel Full Steam Jacketed Direct Steam Kettle (Cleveland KDL40F)	29,073.35	209.25
11 44 19 00-0089	EA	12 Gallon Capacity, Tilting, Stainless Steel 2/3 Steam Jacketed Tabletop Direct Steam Kettle (Cleveland KDT-12-T)	12,563.35	209.25
11 44 19 00-0090	EA	100 Gallon Capacity, Stationary, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Cleveland KDL100)	31,400.97	209.25
11 44 19 00-0091	EA	60 Gallon Capacity, Stationary, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Cleveland KDL60)	19,685.99	209.25
11 44 19 00-0092		Steamers, Electric *(11 44 19)*		
11 44 19 00-0093		Cooking Equipment/ Steamers *(11 44 19 00-0092)*		
11 44 19 00-0094	EA	3 Pan, Electric Countertop Convection Steamer	11,739.71	240.45
11 44 19 00-0095	EA	5 Pan, Electric Countertop Convection Steamer	15,488.73	251.89
11 44 19 00-0096	EA	3 Pan, Electric Countertop Boilerless/Connectionless Steamer	10,854.78	240.45
11 44 19 00-0097	EA	5 Pan, Electric Countertop Boilerless/Connectionless Steamer	15,870.82	251.89
11 44 19 00-0098		Braising Pans *(11 44 19)*		
11 44 19 00-0099	EA	24" x 24", 240 Volt, Tilting Braising Pan	9,442.07	216.18
11 44 19 00-0100	EA	24" x 31", 240 Volt, Tilting Braising Pan	9,963.85	227.34
11 44 19 00-0101	EA	24" x 41", 240 Volt, Tilting Braising Pan	10,612.28	242.10
11 44 19 00-0102	EA	24" x 24", 62,000 BTU/Hour, Tilting Braising Pan	12,308.88	281.91
11 44 19 00-0103	EA	24" x 31", 90,000 BTU/Hour, Tilting Braising Pan	12,728.08	290.60
11 44 19 00-0104	EA	24" x 41", 120,000 BTU/Hour, Tilting Braising Pan	13,222.68	298.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 19 00-0105		**Toasters** *(11 44 19)*		
11 44 19 00-0106	EA	Bun Toaster 3.2 KW	1,869.19	44.87
11 44 19 00-0107	EA	Bun Toaster 4.3 KW	2,039.96	48.90
11 44 19 00-0108	EA	Pop-Up Toaster, 2 Slot	860.34	124.00
11 44 19 00-0109	EA	Conveyor Toaster	1,505.35	186.05
11 44 19 00-0110		**Microwave Ovens** *(11 44 19)*		
11 44 19 00-0111	EA	120 Volt, 1,000 Watt, 20" Length x 18" Width x 12" Height, Office Series Microwave With Dial Controls (Galaxy MW1000PD)	201.21	13.08
11 44 19 00-0112	EA	120 Volt, 1,000 Watt, 20" Length x 18" Width x 12" Height, Office Series Microwave With Push Button Controls (Galaxy MW1000PB)	220.67	13.08
11 44 19 00-0113	EA	120 Volt, 1,000 Watt, 20" Length x 18" Width x 12" Height, Stainless Steel Commercial Microwave With Push Button Controls (Solwave MW1000SS)	285.50	13.08
11 44 19 00-0114	EA	120 Volt, 1,000 Watt, 2 CF, 22" Length x 18" Width x 13-1/2" Height, Stackable Commercial Microwave With Dial Controls (Solwave MW112D)	363.31	13.08
11 44 19 00-0115	EA	120 Volt, 1,000 Watt, 2 CF, 22" Length x 18" Width x 13 1/2" Height, Stackable Commercial Microwave With Dial Controls (Solwave MW112T)	454.09	13.08
11 44 19 00-0116	EA	120 Volt, 1,000 Watt, 16-1/2" Length x 20" Width x 12-1/4" Height, Stainless Steel Commercial Microwave With Dial Controls (Solwave RMS10DS)	285.50	13.08
11 44 19 00-0117	EA	120 Volt, 1,000 Watt, 16-1/2" Length x 20" Width x 12-1/4" Height, Stainless Steel Commercial Microwaves With Push Button Controls (Amana RMS10TS)	332.84	13.08
11 44 19 00-0118	EA	120 Volt, 1,000 Watt, 19" Length x 22" Width x 13-3/4" Height, Medium Volume, Stainless Steel Commercial Microwave (Amana RCS10DSE)	586.37	13.08
11 44 19 00-0119	EA	120 Volt, 1,000 Watt, 19" Length x 22" Width x 13-7/8" Height, Stackable, Commercial Microwave With Push Button Controls (Amana RCS10TS)	714.76	13.08
11 44 19 00-0120	EA	120 Volt, 1,000 Watt, 21-5/8" Length x 16-1/2" Width x 13-1/2" Height, Stainless Steel, Heavy-Duty Commercial Microwave With Push Button Controls (Amana HDC12A2)	1,496.72	13.08
11 44 19 00-0121	EA	120 Volt, 1,000 Watt, 18-1/8" Length x 20-1/2" Width x 12-1/4" Height, Stainless Steel, Commercial Microwave With Manual Controls (Vollrath 40830)	414.94	13.08
11 44 19 00-0122	EA	120 Volt, 1,000 Watt, 18-1/8" Length x 20-1/2" Width x 12-1/4" Height, Stainless Steel, Commercial Microwave With Digital Controls (Vollrath 40819)	564.39	13.08
11 44 19 00-0123	EA	120 Volt, 1,000 Watt, 17" Length x 20" Width x 12-1/4" Height, Stainless Steel, Commercial Microwave With Push Button Controls (Waring WMO90)	434.65	13.08
11 44 19 00-0124	EA	120 Volt, 1,000 Watt, 16-9/16" Length x 20-1/8" Width x 13" Height, Stainless Steel, Commercial Microwave With Push Button Controls (Panasonic NE-1054F)	382.78	13.08
11 44 19 00-0125	EA	120 Volt, 1,000 Watt, 16-3/8" Length x 20-1/8" Width x 12" Height, Stainless Steel Microwave With Programmable Memory Pads (Panasonic NE-1064F)	738.10	13.08
11 44 19 00-0126	EA	120 Volt, 1,000 Watt, 16-9/16" Length x 20-1/8" Width x 13" Height, Stainless Steel Commercial Microwave With Dial Timer (Panasonic NE-1025)	343.87	13.08
11 44 19 00-0127	EA	120 Volt, 1,200 Watt, 20-5/8" Length x 22-5/8" Width x 14-1/2" Height, Stainless Steel Commercial Microwave With Programmable Menu And Auto Cool Down (Solwave MW1200T)	712.16	13.08
11 44 19 00-0128	EA	120 Volt, 1,200 Watt, 22-1/4" Length x 16-1/2" Width x 13-1/2" Height, 100 Programmable Menu Items, See-through Door, USB Port, Commercial Heavy-Duty Stainless Steel Microwave (Solwave MWHD12)	789.97	13.08
11 44 19 00-0129	EA	120 Volt, 1,200 Watt, 20" Length x 16-5/8" Width x 13-3/16" Height, 15 Integrated Power Levels, See-through Door, Stainless Steel, Commercial, Medium Duty, Microwave With 90 Programmable Menu Pads (Panasonic NE-12523)	1,322.95	13.08
11 44 19 00-0130	EA	120 Volt, 1,200 Watt, 20" Length x 16-5/8" Width x 13-3/16" Height, Programmable, 15 Power Levels, Stainless Steel, Commercial, Medium Duty, Microwave With Push Button Controls (Panasonic NE-12521)	1,228.28	13.08
11 44 19 00-0131	EA	120 Volt, 2,000 Watt, 21" Length x 21-3/4" Width x 14-3/8" Height, 4 Cooking Stages, 5 Power Levels, Stainless Steel, Commercial, Medium Duty, Microwave With Push Button Controls (Amana RFS12TS)	1,444.85	13.08
11 44 19 00-0132	EA	208/230-240 Volt, 1,700 Watt, 20" Length x 16-5/8" Width x 13-3/16" Height, 3-Stage Cooking, See-through Door, Stainless Steel, Commercial Microwave With LCD Display (Panasonic NE-17521)	1,354.07	13.08
11 44 19 00-0133	EA	208/230-240 Volt, 1,700 Watt, 20" Length x 16-5/8" Width x 13" Height, LCD Display With Digital Countdown, Stainless Steel, Commercial Microwave With 90 Programmable Memory Pads (Panasonic NE-17523)	1,520.06	13.08
11 44 19 00-0134	EA	208/230-240 Volt, 2,100 Watt, 20-3/4" Length x 25-9/16" Width x 18-9/16" Height, Sonic Steamer, Stainless Steel, Commercial Microwave With 8 Programmable Memory Pads (Panasonic NE-2180)	4,093.54	13.08
11 44 19 00-0135	EA	208/230-240 Volt, 3,200 Watt, 20-3/4" Length x 25-9/16" Width x 18-5/8" Height, Sonic Steamer, See-though Door, Stainless Steel, Commercial Microwave With 3-stage Cook (Panasonic NE-3280)	5,424.05	13.08
11 44 19 00-0136	EA	208/230 Volt, 1,800 Watt, 20-1/4" Length x 21-3/4" Width x 14-1/4" Height, Stainless Steel, Commercial, Medium Duty Microwave With Push Button Controls (Amana RFS18TS)	1,695.13	13.08
11 44 19 00-0137	EA	208/230 Volt, 2,200 Watt, 23-1/2" Length x 25-5/8" Width x 18-5/8" Height, Stainless Steel, Heavy-Duty, 2 Pan Programmable Microwave (Amana AMSO22)	5,278.16	13.08
11 44 19 00-0138	EA	208/230 Volt, 2,400 Watt, 19-3/16" Length x 13-5/8" Width x 17-5/8" Height, 11 Power Levels, Stainless Steel, Commercial, Heavy-Duty Microwave With Push Button Controls (Amana AOC24)	3,259.06	13.08
11 44 19 00-0139	EA	208/240 Volt, 22-1/4" Length x 16-1/2" Width x 13-1/2" Height, Space Saver, USB Port, Stainless Steel, Commercial, Heavy-Duty Microwave (Solwave MWHD18)	880.74	13.08
11 44 19 00-0140	EA	208/240 Volt, 2,100 Watt, 1.2 CF, 20-5/8" Length x 22-5/8" Width x 14-1/2" Height, Large, Stainless Steel, Stackable, Commercial Microwave With Push Button Controls (Solwave MW2100T)	932.62	13.08
11 44 19 00-0141	EA	208/240 Volt, 2,100 Watt, 22-1/4" Length x 16-1/2" Width x 13-1/2" Height, 15 Power Levels, USB Port, Space Saver, Stainless Steel, Heavy-Duty, Commercial Microwave With Push Button Controls (Solwave MWHD21)	997.46	13.08
11 44 19 00-0142	EA	208/240 Volt, 1,700 Watt, 25-1/2" Length x 19-1/4" Width x 18-1/8" Height, See-through Door, Stainless Steel, Commercial, Heavy-Duty Microwave With Push Button Controls (Amana RC17S2)	2,395.40	13.08
11 44 19 00-0143	EA	208/240 Volt, 1,800 Watt, 1.2 CF, 20-5/8" Length x 22-5/8" Width x 14-1/2" Height, Large, Stainless Steel, Commercial Microwave With Push Button Controls (Solwave MW1800T)	802.94	13.08
11 44 19 00-0144	EA	208/240 Volt, 1,800 Watt, 21-5/8" Length x 15-1/2" Width x 13-1/2" Height, Stainless Steel, Commercial, Heavy-Duty Microwave With Push Button Controls (Amana HDC182)	1,753.48	13.08
11 44 19 00-0145	EA	208/240 Volt, 1,800 Watt, 31-5/8" Length x 16-1/2" Width x 13-1/3" Height, Stainless Steel Commercial, Heavy-Duty Microwave With Push Button Controls, Canadian Use Only (Amana HDC1815)	1,765.16	13.08
11 44 19 00-0146	EA	208/240 Volt, 1,800 Watt, 20-3/4" Length x 22-3/5" Width x 14-1/2" Height, Stainless Steel, Commercial, Medium Duty Microwave With Push Button Controls (Waring WMO120)	1,647.15	13.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 19 00-0147	EA	208/240 Volt, 2,100 Watt, 21-5/8" Length x 15-1/2" Width x 13-1/2" Height, 100 Programmable Menu Items, 11 Integrated Power Levels, Stainless Steel, Commercial, Heavy-Duty Microwave (Amana HDC212)	1,835.18	13.08
11 44 19 00-0148	EA	208/240 Volt, 2,100 Watt, 20" Length x 16-5/8" Width x 13-3/16" Height, 5 Cooking Stages, Half-size Pans, Stainless Steel, Commercial, Heavy-Duty Microwave With Push Button Controls (Panasonic NE-21521)	1,660.12	13.08
11 44 19 00-0149	EA	208/240 Volt, 2,200 Watt, 25-1/2" Length x 19-1/4" Width x 18-1/8" Height, Stainless Steel, Commercial, Heavy-Duty Microwave With Push Button Controls (Amana RC22S2)	2,990.62	13.08
11 44 19 00-0150	EA	208/240 Volt, 2,200 Watt, 25-1/2" Length x 19-1/4" Width x 18-1/8" Height, Stainless Steel, Commercial, Heavy-Duty Microwave With Push Button Controls (Amana RC30S2)	3,924.31	13.08
11 44 19 00-0151		**Ceramic Broiler On Storage Base With Doors** *(11 44 19)*		
11 44 19 00-0152	EA	Standard Finish Ceramic Boiler On Storage Base With Doors	7,779.62	177.24
11 44 19 00-0153	EA	Stainless Steel Front Ceramic Boiler On Storage Base With Doors	7,779.62	177.24
11 44 19 00-0154	EA	Stainless Steel Front And Sides Ceramic Boiler On Storage Base With Doors	9,669.27	221.27
11 44 19 00-0155		**Gas Countertop Hot Plate** *(11 44 19)*		
11 44 19 00-0156	EA	2 Burners Gas Countertop Hot Plate	991.82	22.57
11 44 19 00-0157		**Food Service Additions** *(11 44 19)*		
11 44 19 00-0158	EA	30" Diameter, Natural Gas, Cooktop With Electric Controls (Affinity 30Ge)	8,267.31	22.32
11 44 19 00-0159	EA	Heavy-Duty Stainless Steel Heated Under Counter Cabinet With Adjustable Thermostat, Digital Indicator, Chrome Plated Reals And Wire Shelves (Alto Shaam 500-S)	5,436.76	191.21
11 44 19 00-0160	EA	Oven-Combination Heated Holding Cabinet (Alto Shaam CTP20-10)	53,608.96	
11 44 19 00-0161	EA	1000 Watt, 1.2 CF, 14" Platter Capacity, Programmable, Commercial Grade, Stainless Steel, Microwave-oven (Amana RCS10TS)	1,085.05	13.60
11 44 19 00-0162	EA	1000 Watts, Programmable Power Level, Commercial Grade, Stainless Steel, Microwave-oven (Amana RMS10TS)	631.83	13.60
11 44 19 00-0163	EA	48" W x 24-1/2" D x 8" H, Single Deck, Gas Fired, Stainless Steel, Caster Mounted, Pizza Oven (Bakers Pride 3151)	18,843.89	171.75
11 44 19 00-0164	EA	120 Volt, 14.9 Amperes, 20' W, 6 Gallon Capacity Water Bath, Sparkling And Still Water Dispenser (Blupura/Crystallize BLUBAR COUNTERTOP 80)	8,922.79	330.90
11 44 19 00-0165	EA	1/3 HP, 120 Volt, 60 Hz, 15 Amperes, Top Opening, Self Contained Refrigerated System (Blupura/Crystallize FONTEMAGNA BRIDGE)	6,083.97	330.90
11 44 19 00-0166	EA	Broiler Less, Programmable, Stainless Steel, Convotherm Electric Oven-streamer (Cleveland OES-10.20)	21,071.58	240.45
11 44 19 00-0167	EA	115 VAC, 60 Hz, Forced Air Gas Combustion With Auto Ignition, Stainless Steel Skillet With Spring Assist Cover (Cleveland SGL-30-T1/Sgl-40-T1)	38,414.79	241.85
11 44 19 00-0168	EA	50 PSI, Water-resistant, Stationary Trileg Tilting Steam Jacketed Kettle (Cleveland / Groen KDL)	32,972.83	124.02
11 44 19 00-0169	EA	Top Mounted, Insulated Heated Cabinet With Magnetic Latch Door (Crescor H-137-PWSUA-12C - 12c is discontinued hw-137-pwsua-12d is new model)	19,961.29	65.91
11 44 19 00-0170	EA	6 Gallon, 1/5 HP, Bottom Mounted, Ice-Cream Dipping Cabinet (Delfield N255)	5,302.62	281.54
11 44 19 00-0171	EA	3/4" Diameter, 36" Length, Moveable Gas Connector Kit (Dormont 1675KIT)	299.30	22.96
11 44 19 00-0172	EA	1/4 HP, Stainless Steel, Mechanically Cooled Cold Food Unit (Duke AeroServ 316-25SS-N7)	10,481.03	311.73
11 44 19 00-0173	EA	20', 3/8" Thick, Stainless Steel, Heavy-Duty Mounting, Tempered Glass (English Mfg. M-107)	14,354.16	13.60
11 44 19 00-0174	EA	1,350 Lb., Stainless Steel, Elevated Ice Storage And Transport System (Follet Corporation ITS1350SG-60)	20,554.44	183.09
11 44 19 00-0175	EA	Gas Fired Pasta Cooker (Frymaster GPCRB-SC)	25,736.01	150.07
11 44 19 00-0176	EA	Stainless Steel, Anti-microbial, Vegetable Cutter (Globe A420VH)	1,135.32	6.28
11 44 19 00-0177	EA	5 kw Tank Heater, 1 HP Self-draining Pump, Electronic Automatic Control, Stainless Steel, Dishwasher (Hobart AM-15T)	27,188.81	218.13
11 44 19 00-0178	EA	Stainless Steel, Electric Dryer Interlocked With Washer To Start (Hobart CLe (BDELRAX-STDDOM)	23,828.11	186.97
11 44 19 00-0179	EA	1/2 HP, Medium Duty, Built-in Sharpener With 12" Blade (Hobart Edge 7510)	3,748.61	164.88
11 44 19 00-0180	EA	20 Quart, Countertop Mounted, Stainless Steel Bowl (Hobart HL200)	11,501.03	286.24
11 44 19 00-0181	EA	Electronic Control, Stainless Steel Dishwasher (Hobart LXi/LXiH new model is Lxeh)	18,348.82	218.13
11 44 19 00-0182	EA	27" x 32" x 26-3/4" H, Stainless Steel, Single Shelf Mixer Table (Hobart TABLE-HL2012)	3,630.42	57.05
11 44 19 00-0183	EA	Remote Air-Cooled, Stainless Steel, Ice Maker (Hoshizaki America KM-2100)	17,387.46	257.61
11 44 19 00-0184	EA	Anti-microbial, Individual Crescent Cube, Stainless Steel, Ice Maker (Hoshizaki America KM-2100/2500S_H3)	19,087.04	257.61
11 44 19 00-0185	EA	2,400 BTU, 1/3 HP, Air-Cooled, Stainless Steel, Leg Mounted, Under Counter Ice Maker (Hoshizaki America F-330BAJ-c)	7,668.34	228.99
11 44 19 00-0186	EA	24" Wide, Energy Efficient, Stainless Steel, Built-in Dishwasher (Kenmore 14743)	1,546.25	104.62
11 44 19 00-0187	EA	3.7 CF, 27"W x 29-1/4"D x 39"H, Energy Efficient, Full Size, White Front-loading Washing Machine (Kenmore 41272)	2,216.99	104.62
11 44 19 00-0188	EA	30" Wide, Slide In, Electric Coil, Black Top, Stainless Steel, Electric Range (Kenmore 46762)	2,578.34	104.62
11 44 19 00-0189	EA	15.0 CF, Top Freezer Compartment With Self Defrosting, Reversible Door, White Refrigerator (Kenmore 60302)	1,029.60	52.32
11 44 19 00-0190	EA	30" Stainless Steel, Vent Less Range Hood (Kenmore 22-51840)	443.28	78.47
11 44 19 00-0191	EA	22.89 CF, 33" W x 66 1/2" H x 34 3/4" D, Tall Through-the-door Dispenser With Light And Ultra Ice® Stainless Steel Water Filtration System With Indicator Light (Kenmore 46-51313)	1,762.67	52.32
11 44 19 00-0192	EA	Gas Fired, Adjustable Conveyor Speed, Single Level, Dual Air Return, Stainless Steel, Conveyor Oven (Middleby Marshall PS636G-1)	33,332.57	171.75
11 44 19 00-0193	EA	Stainless Steel, Gas Fired, Standing Pilot, Conventional Oven (Montague 124-5)	11,664.89	104.62
11 44 19 00-0194	EA	3/4" Thick, 36" Flat-top, 100,000 BTU, Manual Control, Heavy-Duty Range (Montague 136-8)	16,949.53	157.44
11 44 19 00-0195	EA	3/4" Thick Flat Top, 80,000 BTU, Thermostatic Control, Heavy-Duty Range (Montague C36-8T)	17,027.42	157.44
11 44 19 00-0196	EA	36", 114,000 BTU, Low Profile, Heavy-duty Counter Top With Six Burners (Montague Gas Range V136LB/UFLC-36R)	39,594.62	114.50
11 44 19 00-0197	EA	24", 140,000 BTU, Gas Fired, Standing Pilot, Stainless Steel, Convection Oven With Four 12" Burners (Montague Legend 124-5)	11,765.71	155.04
11 44 19 00-0198	EA	36", 110,000 BTU, Gas Fired, Open Top, Standing Pilot, Stainless Steel, Convection Oven With Two Round French Style Hot Tops (Montague Legend 136-9A)	14,470.66	194.64
11 44 19 00-0199	EA	225,000 BTU, Gas fired, Open Top, Standing Pilot, Stainless Steel, Convection Oven With Six Burners (Montague Legend V136-5)	14,470.66	194.64
11 44 19 00-0200	EA	36", 165,000 BTU, Gas Fired, Open Top, Standing Pilot, Stainless Steel, Convection Oven With Four Burners (Montague Legend V136-5A)	14,470.66	194.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 19 00-0201	EA	63,000 BTU, Gas Fired, Double Deck, Stainless Steel, Convection Oven (Montague Vectaire HX2-63A)	32,926.19	228.99
11 44 19 00-0202	EA	Ultra Continuous Feed Combination Food Processor. (Robot Coupe R 2 N)	2,340.09	259.26
11 44 19 00-0203	EA	Low Noise, Aluminum Alloy, Water Cooled Motor (Salvajor 750)	5,355.39	78.47
11 44 19 00-0204	EA	Low Flow, Backflow Prevention, Stainless Steel, Trough Collector (Salvajor S419)	14,466.30	247.79
11 44 19 00-0205	EA	92 GPH, Electronic Automatic Control, Stainless Steel, Dishwasher (Stero SDRA-PKG)	31,541.12	186.97
11 44 19 00-0206	EA	3-phase, Microprocessor Controlled, Air-cooled, Stainless Steel, Freezer (Taylor C723)	18,635.22	52.32
11 44 19 00-0207	EA	52-1/8"L x 35"D x 83-1/4"H, 1/3 HP, Microprocessor Controlled, Reach-in, Caster Mounted, Refrigerator (Traulsen G2000)	8,865.82	240.45
11 44 19 00-0208	EA	120 VAC, Wet Operation Only, Single Well, Round, Deep Drawn Stainless Steel, Cook'N Hold Built-in Food Warmer With Drain (Wells HW106D)	1,632.48	240.45
11 44 19 00-0209	EA	120 VAC, 3, 4, And 5 Well, Wet Or Dry Operation, Rectangular, Deep Drawn Stainless Steel, Built-in Modular Food Warmer (Wells MOD300DM)	3,987.17	240.45
11 44 19 00-0210	EA	120 VAC, 3, 4, And 5 Well, Wet Or Dry Operation, Rectangular, Deep Drawn Stainless Steel, Built-in Modular Food Warmer (Wells MOD400DM)	5,590.96	240.45
11 44 19 00-0211	EA	120 VAC, 3, 4, And 5 Well, Wet Or Dry Operation, Rectangular, Deep Drawn Stainless Steel, Built-in Modular Food Warmer (Wells MOD500DM)	6,780.67	240.45
11 44 19 00-0212	EA	Adjustable Radiant Flame, Thermostatically Controlled, Hearth Pizza Oven (Woodstone WS-FD-6045-RFG-L-IR-NG)	51,058.35	114.50
11 44 19 00-0213		**Other Kettles** *(11 44 19)*		
11 44 19 00-0214	EA	20 QT Trunion Kettle With Stand (Groen TDC/320)	4,832.92	124.02
11 44 19 00-0215	EA	40 QT Trunion Kettle With Stand (Groen TDA/140)	7,589.47	124.02
11 44 19 00-0216		**Charbroilers** *(11 44 19)*		
11 44 19 00-0217	EA	80,000 BTU, 26-13/16" Length x 24" Width x 16-5/16" Height, Gas Countertop Lava Briquette Charbroiler (Cooking Performance Group CBL24)	1,022.63	104.62
11 44 19 00-0218	EA	40,000 BTU, 26-13/16" Length x 15" Width x 16-5/16" Height, Gas Countertop Radiant Charbroiler (Cooking Performance Group CBR15)	847.92	139.47
11 44 19 00-0219	EA	70,000 BTU, 27-1/2" Length x 24" Width x 15" Height, Gas Countertop Radiant Charbroiler (Avantco AG24RC)	589.46	104.62
11 44 19 00-0220	EA	80,000 BTU, 26-13/16" Length x 24" Width x 16-5/16" Height, Gas Countertop Radiant Charbroiler (Cooking Performance Group CBR24)	1,067.93	119.59
11 44 19 00-0221	EA	80,000 BTU, 26-13/16" Length x 24" Width x 41-5/16" Height, Radiant Charbroiler With Storage Base (Cooking Performance Group 24CBRSBNL)	1,759.84	119.59
11 44 19 00-0222	EA	105,000 BTU, 27-1/2" Length x 36" Width x 15" Height, Gas Countertop Radiant Charbroiler (Avantco AG36RC)	1,092.41	139.47
11 44 19 00-0223	EA	120,000 BTU, 26-13/16" Length x 36" Width x 16-5/16" Height, Gas Countertop Radiant Charbroiler (Cooking Performance Group CBR36)	1,399.93	139.47
11 44 19 00-0224	EA	120,000 BTU, 32-1/8" Length x 36-3/8" Width x 40-13/16" Height, Gas Radiant Charbroiler With 2 Drawer Refrigerated Chef Base (Cooking Performance Group 36CBRRBNL)	3,316.17	167.40
11 44 19 00-0225	EA	120,000 BTU, 36-3/8" Length x 32-1/8" Width x 24-1/2" Height, Gas Lava Briquette Charbroiler With 2 Drawer Refrigerated Chef Base (Cooking Performance Group 36CBLRBNL)	3,331.54	167.40
11 44 19 00-0226	EA	120,000 BTU, 26-13/16" Length x 36" Width x 41-5/16" Height, Gas Radiant Charbroiler With Cabinet Base (Cooking Performance Group 36CBRSBNL)	2,076.46	139.47
11 44 19 00-0227	EA	140,000 BTU, 32-1/8" Length x 51-7/8" Width x 24-1/2" Height, Heavy-Duty Gas Griddle And Gas Lava Briquette Charbroiler With 2 Drawer Refrigerated Chef Base (Cooking Performance Group 24GTCLBNL)	4,730.74	167.40
11 44 19 00-0228	EA	140,000 BTU, 32-1/8" Length x 51-7/8" Width x 24-1/2" Height, Heavy-Duty Gas Griddle And Gas Radiant Charbroiler With 2 Drawer Refrigerated Chef Base (Cooking Performance Group 24GTCRBNL)	4,715.37	167.40
11 44 19 00-0229	EA	140,000 BTU, 32-1/8" Length x 51-7/8" Width x 24 1/2" Height, Gas Griddle And Gas Radiant Charbroiler With 2 Drawer Refrigerated Chef Base (Cooking Performance Group 24GMCRBNL)	4,438.60	167.40
11 44 19 00-0230	EA	160,000 BTU, 26-13/16" Length x 48" Width x 16-5/16" Height, Gas Countertop Radiant Charbroiler (Cooking Performance Group CBR48)	1,893.04	209.25
11 44 19 00-0231	EA	160,000 BTU, 32-1/8" Length x 51-7/8" Width x 24-1/2" Height, Gas Radiant Charbroiler With 2 Drawer Refrigerated Chef Base (Cooking Performance Group 48CBRRBNL)	3,799.64	209.25
11 44 19 00-0232	EA	200,000 BTU, 30-1/2" Length x 60" Width x 16-3/4" Height, Gas Radiant Charbroiler (Cooking Performance Group CBR60-NG CPG)	2,338.94	209.25
11 44 19 00-0233	EA	200,000 BTU, 30-1/2" Length x 60" Width x 16-3/4" Height, Gas Radiant Charbroiler With 4 Drawer Refrigerated Chef Base (Cooking Performance Group 60CBRRBNL)	4,722.19	209.25

11 46 Food Dispensing Equipment *(11 40)*

11 46 13 Bar Equipment *(11 46)*

11 46 13 00-0001		**Soft Serve Machines** *(11 46 13)*		
11 46 13 00-0002	EA	Soft Serve Machines, Medium	21,060.68	135.33
11 46 13 00-0003	EA	Soft Serve Machines, Large	35,586.79	165.33
11 46 13 00-0004		**Salad Bars** *(11 46 13)*		
11 46 13 00-0005	EA	96" Refrigerated Salad Bar With Light 54" Height	12,878.13	480.61
11 46 13 00-0006	EA	96" Refrigerated Salad Bar Without Light 54" Height	11,814.36	480.61
11 46 13 00-0007	EA	96" Iced Salad Bar Without Light 54" Height	8,303.84	264.05
11 46 13 00-0008	EA	79" Iced Salad Bar Without Light 54" Height	6,567.62	216.92
11 46 13 00-0009	EA	79" Refrigerated Salad Bar Without Light 54" Height	9,976.58	318.25
11 46 13 00-0010	EA	114" Iced Salad Bar 34" Height	10,985.84	281.91
11 46 13 00-0011	EA	Salad Bar Tray Fixed	2,624.09	47.75
11 46 13 00-0012	EA	Salad Bar Tray Hinged	2,795.03	47.75

11 46 16 Service Line Equipment *(11 46)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 16 00-0001		**Food Warmer Holding Station** *(11 46 16)*		
11 46 16 00-0002	EA	Food Warmer Station And Heat Lamp	690.63	16.56
11 46 16 00-0003		**Reach-In Food Warmers** *(11 46 16)*		
11 46 16 00-0004	EA	One Drawer, 16 Roll Capacity Food Warmer	1,486.18	35.66
11 46 16 00-0005	EA	Three Drawer, 36 Roll Capacity Food Warmer	3,401.05	81.68
11 46 16 00-0006		**Countertop Food Warmer** *(11 46 16)*		
11 46 16 00-0007	EA	12" x 20", 1500 Watt, 120 Voltage, Full Size Electric Countertop Food Cooker / Warmer (Avantco W50CKR)	181.45	28.65
11 46 16 00-0008	EA	12" x 20", 1200 Watt, 120 Voltage, Full Size Electric Countertop Food Warmer (Avantco W50)	158.72	28.65
11 46 16 00-0009	EA	12" x 20", 1200 Watt, 120 Voltage, Full Size Electric Countertop Food Warmer / Topping Station With 1 Condiment Pump And (1) 7 Quart Inset With Lid And Ladle (Avantco WK12007PL)	491.90	28.65
11 46 16 00-0010	EA	12" x 20", 1200 Watt, 120 Voltage, Full Size Electric Countertop Food Warmer / Soup Station With 3 Insets, 3 Covers, And 3 (3 Ounce) Ladles (Avantco WK12004X3)	338.90	28.65
11 46 16 00-0011		**Hot Cabinets With Top Wells Electric** *(11 46 16)*		
11 46 16 00-0012	EA	2 Wells, 2 Compartments Hot Cabinet With Top Wells, Electric	7,954.82	177.24
11 46 16 00-0013	EA	3 Wells, 3 Compartments Hot Cabinet With Top Wells, Electric	11,365.41	254.01
11 46 16 00-0014		**Portable Hot Food Units** *(11 46 16)*		
11 46 16 00-0015	EA	46" Wide x 28" Deep x 34" Height, Three Well, Stainless Steel Hot Food Station (Vollrath Model 37030)	5,755.66	
11 46 16 00-0016	EA	60" Wide x 28" Deep x 34" Height, Four Well, Stainless Steel Hot Food Station (Vollrath Model 37040)	6,590.84	
11 46 16 00-0017	EA	74" Wide x 28" Deep x 34" Height, Five Well, Stainless Steel Hot Food Station (Vollrath Model 37050)	7,449.62	
11 46 16 00-0018		**Stationary Hot Food Units** *(11 46 16)*		
11 46 16 00-0019	EA	46" Wide x 29-1/2" Deep x 34" Height, Three Well, Stainless Steel Hot Food Station (Vollrath Model 38203)	1,743.21	36.10
11 46 16 00-0020	EA	61-1/4" Wide x 29-1/2" Deep x 34" Height, Four Well, Stainless Steel Hot Food Station (Vollrath Model 38204)	2,339.13	41.55
11 46 16 00-0021	EA	76" Wide x 29-1/2" Deep x 34" Height, Five Well, Stainless Steel Hot Food Station (Vollrath Model 38205)	2,912.82	53.21
11 46 16 00-0022		**Serving Counters** *(11 46 16)*		
11 46 16 00-0023	LF	11" Deep, Tray Slide With 3 Raised Reinforced Ribs And Backing Plate, 316 Stainless Steel Solid Surface, Straight Section	127.88	46.71
11 46 16 00-0024	LF	11" Deep, Tray Slide With 3 Raised Reinforced Ribs And Backing Plate, 316 Stainless Steel Solid Surface, Curved Section	165.15	71.56
11 46 16 00-0025		**Drop-In Equipment** *(11 46 16)*		
11 46 16 00-0026	EA	Hot Food Well, Rectangular	784.45	148.84
11 46 16 00-0027	EA	Hot Food Well, Circular	708.40	148.84
11 46 16 00-0028	EA	Refrigerated Well, 2 Compartment	1,799.12	148.84
11 46 16 00-0029	EA	Refrigerated Well, 3 Compartment	2,042.40	165.33
11 46 16 00-0030	EA	Refrigerated Well, 4 Compartment	2,319.68	186.05
11 46 16 00-0031	EA	Frost Cold Plate	3,411.06	165.33
11 46 16 00-0032		**Beverage Dispensing** *(11 46 16)*		
11 46 16 00-0033	EA	Coffee Urn, Twin 3 Gallon	5,559.96	222.61
11 46 16 00-0034	EA	Coffee Urn, Twin 6 Gallon	7,924.65	311.61
11 46 16 00-0035	EA	Coffee Brewer, 5 Burner	2,156.43	222.61
11 46 16 00-0036	EA	Hot Chocolate Dispenser	2,134.92	183.36
11 46 16 00-0037	EA	Iced Tea Brewer	3,218.72	183.36
11 46 16 00-0038	EA	Juice Dispenser (Concentrate)	2,182.07	330.44
11 46 16 00-0039	EA	Jet Spray Dispenser	3,228.45	330.78
11 46 16 00-0040	EA	Milk Dispenser, Bulk, 2 Flavor	2,798.31	186.05
11 46 16 00-0041	EA	Milk Dispenser, Bulk, 3 Flavor	3,882.12	186.05
11 46 16 00-0042		**Dish Dispensers** *(11 46 16)*		
11 46 16 00-0043	EA	Heated Plate Lift; Adjustable Plate Storage And Transport (Adcraft ADC-LR-2)	2,066.49	28.65
11 46 16 00-0044	EA	12" Diameter, Drop-in, Dish Dispenser	1,162.34	37.35
11 46 16 00-0045	EA	Drop-in, Cup And Glass Dispenser	1,935.93	116.12
11 46 16 00-0046	EA	Drop-in, Disposable Cup Dispenser	717.81	26.16
11 46 16 00-0047		**Tray And Silver Dispensers** *(11 46 16)*		
11 46 16 00-0048	EA	Tray And Silver Dispensers Mobile	4,638.52	26.16
11 46 16 00-0049		**Condiment Dispensers** *(11 46 16)*		
11 46 16 00-0050	EA	Butter Pat Dispenser	244.11	32.74
11 46 16 00-0051	EA	Bread Dispenser, Counter Top	742.28	32.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 16 00-0052		**Sandwich Rack Warmer** *(11 46 16)*		
11 46 16 00-0053	EA	18 Compartment, 2 Tier Sandwich Rack Warmer	5,725.09	132.19
11 46 16 00-0054		**Mobile Bread Counter** *(11 46 16)*		
11 46 16 00-0055	EA	Mobile Bread And Roll Counter	13,146.78	297.17
11 46 16 00-0056		**Open Service Stand** *(11 46 16)*		
11 46 16 00-0057	EA	6' Open Service Stand	5,083.49	111.00
11 46 16 00-0058	LF	Each Additional Foot Over 6 Foot Add	695.56	15.01
11 46 16 00-0059		**Mobile Serving Stand Unit** *(11 46 16)*		
11 46 16 00-0060	EA	36" Mobile Serving Stand Unit	4,432.10	106.17
11 46 16 00-0061	EA	96" Mobile Serving Stand Unit	7,298.05	159.13
11 46 16 00-0062		**Reach-In Heated Cabinets** *(11 46 16)*		
11 46 16 00-0063	EA	Heated Cabinet, Reach-in, 1 Compartment	8,938.02	190.87
11 46 16 00-0064	EA	Heated Cabinet, Reach-in, 2 Compartment	12,915.39	240.10
11 46 16 00-0065	EA	Heated Cabinet, 1 Compartment, Pass-Through Roll-In	9,365.84	190.87
11 46 16 00-0066	EA	Heated Cabinet, Pass-Through, Roll-In 2 Compartment	13,537.15	240.10
11 46 16 00-0067		**Mobile Heated Cabinets** *(11 46 16)*		
11 46 16 00-0068	EA	Mobile, Heated Cabinet	10,208.26	65.38
11 46 16 00-0069		**Smoothie Machine** *(11 46 16)*		
11 46 16 00-0070	EA	Smoothie Machines 3-1/2 HP Commercial Blender With Toggle Control And Two 64 Ounce Polycarbonate Containers (Avamix BX2000T2J)	415.72	28.65
11 46 16 00-0071	EA	Smoothie Machines 3-1/2 HP Commercial Blender With Toggle Control And One 64 Ounce Polycarbonate Container (Avamix BX2000T)	363.96	28.65
11 46 16 00-0072	EA	Smoothie Machines 3-1/2 HP Commercial Blender With Toggle Control, Adjustable Speed, And Two 64 Ounce Polycarbonate Containers (Avamix BX2000V2J)	442.27	28.65
11 46 16 00-0073	EA	Smoothie Machines 3-1/2 HP Commercial Blender With Touchpad Control, Adjustable Speed, And Two 64 Ounce Polycarbonate Containers (Avamix BX2100E2J)	455.55	28.65
11 46 16 00-0074	EA	Smoothie Machines 2 HP Commercial Blender With Toggle Control And 64 Ounce Polycarbonate Container (Avamix BL2T64)	238.85	28.65
11 46 16 00-0075		**Refrigerated Buffet Display Table** *(11 46 16)*		
11 46 16 00-0076	EA	35" Stainless Steel Refrigerated Buffet Display Table, Cooling Serving Stations (Turbo Air JBT-36-N)	3,605.05	28.65
11 46 16 00-0077	EA	47" Stainless Steel Refrigerated Buffet Display Table, Cooling Serving Stations (Turbo Air JBT-48-N)	4,776.82	28.65
11 46 16 00-0078	EA	59" Stainless Steel Refrigerated Buffet Display Table, Cooling Serving Stations (Turbo Air JBT-60-N)	5,519.11	28.65
11 46 16 00-0079	EA	71" Stainless Steel Refrigerated Buffet Display Table, Cooling Serving Stations (Turbo Air JBT-72-N)	6,464.03	28.65
11 46 16 00-0080		**Refrigerated Bakery Display Case** *(11 46 16)*		
11 46 16 00-0081	EA	26-1/2" Length x 36" Width x 48" Height, 36" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Avantco BC36HCW)	2,145.87	26.16
11 46 16 00-0082	EA	26-1/2" Length x 47-7/8" Width x 48" Height, 48" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Avantco BC48HCB)	2,460.04	26.16
11 46 16 00-0083	EA	26-1/2" Length x 59-2/3" Width x 48" Height, 48" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Avantco BC48HCW)	2,467.46	29.92
11 46 16 00-0084	EA	26-1/2" Length x 59-2/3" Width x 48" Height, 60" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Avantco BC60HCB)	2,676.92	29.92
11 46 16 00-0085	EA	26-1/2" Length x 59-2/3" Width x 48" Height, 60" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Avantco BC60HCW)	2,676.92	29.92
11 46 16 00-0086	EA	26-1/2" Length x 71-1/2" Width x 48" Height, 72" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Avantco BC72HCB)	3,429.03	29.92
11 46 16 00-0087	EA	26-1/2" Length x 72-1/2" Width x 48" Height, 72" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Bakery Display Case, White (Avantco 193BC72HCW)	3,429.03	29.92
11 46 16 00-0088	EA	27-1/2" Length x 35-3/8" Width x 44-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, 36 To 43 Degrees Fahrenheit Temperature Range, Refrigerant R-290, Full Service Two Tier Refrigerated Bakery Display Case, White (Turbo Air TBP3646NW)	4,316.38	34.84
11 46 16 00-0089	EA	27-1/2" Length x 35-3/8" Width x 44-3/8" Height, 35-1/2" Square Glass, 1 Shelf, 2 Doors, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, Black (Turbo Air TBP3646FN)	5,484.51	34.84
11 46 16 00-0090	EA	27-1/2" Length x 35-3/8" Width x 44-3/8" Height, 35-1/2" Square Glass, 1 Shelf, Two Doors, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP3646NN)	4,316.38	34.84
11 46 16 00-0091	EA	27-1/2" Length x 35-3/8" Width x 44-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP3646FW)	5,484.51	34.84
11 46 16 00-0092	EA	27-1/2" Length x 35-3/8" Width x 52-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Three Tier Refrigerated Bakery Display Case, White (Turbo Air TBP3654NW)	4,571.72	34.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 16 00-0093	EA	27-1/2" Length x 35-3/8" Width x 52-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP3654F)	4,571.72	34.84
11 46 16 00-0094	EA	27-1/2" Length x 35-3/8" Width x 52-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP3654NN)	4,571.72	34.84
11 46 16 00-0095	EA	27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP4846NN)	4,858.38	34.84
11 46 16 00-0096	EA	27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP4846FW)	6,175.62	34.84
11 46 16 00-0097	EA	27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, White (Turbo Air TBP4846NW)	4,858.38	34.84
11 46 16 00-0098	EA	27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Drop-In Refrigerated Bakery Display Case (Turbo Air TBP4846FD)	5,816.37	34.84
11 46 16 00-0099	EA	27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Black Refrigerated Bakery Display Case With Lift-Up Front Glass (Turbo Air TBP4846FN)	6,175.62	34.84
11 46 16 00-0100	EA	27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP4854FW)	6,541.46	34.84
11 46 16 00-0101	EA	27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case, White (Turbo Air TBP4854NW)	5,145.72	34.84
11 46 16 00-0102	EA	27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Drop-In Refrigerated Bakery Display Case (Turbo Air TBP4854FD)	6,160.78	34.84
11 46 16 00-0103	EA	27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Black Refrigerated Bakery Display Case With Lift-Up Front Glass (Turbo Air TBP4854FN)	6,541.46	34.84
11 46 16 00-0104	EA	27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP4854NN)	5,145.72	34.84
11 46 16 00-0105	EA	27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP6046FW)	6,768.09	34.84
11 46 16 00-0106	EA	27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Two Tier Drop-In Refrigerated Bakery Display Case (Turbo Air TBP6046FD)	6,374.21	34.84
11 46 16 00-0107	EA	27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, Black (Turbo Air TBP6046FN)	6,768.09	34.84
11 46 16 00-0108	EA	27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP6046NN)	6,768.09	34.84
11 46 16 00-0109	EA	27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP6054FD)	6,752.26	34.84
11 46 16 00-0110	EA	27-1/2" Length x 59" Width x 52-3/8" Height, 36" Curved Glass, 2 Shelves, 2 Doors, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Avantco 193BC36HCB)	2,169.61	38.08
11 46 16 00-0111	EA	27-1/2" Length x 59" Width x 52-3/8" Height, 59" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP6054FW)	7,176.17	38.08
11 46 16 00-0112	EA	27-1/2" Length x 59" Width x 52-3/8" Height, 59" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case, White (Turbo Air TBP6054NW)	5,644.85	38.08
11 46 16 00-0113	EA	27-1/2" Length x 35-3/8" Width x 52-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP3654FW)	5,810.11	34.84
11 46 16 00-0114	EA	34-1/4" Length x 36-1/2" Width x 50-1/8" Height, 36" Curved Glass, 2 Shelves, R-290 Refrigerant, Full Service Dry Refrigerated Bakery Display Case, White (Turbo Air TCGB36RWN)	2,301.01	38.08
11 46 16 00-0115	EA	34-1/4" Length x 36-1/2" Width x 50-1/8" Height, 36" Flat Glass, 2 Shelves, R-290 Refrigerant, Open, Full Service Refrigerated Bakery Display Case, Black (Turbo Air TCGB36FBN)	7,412.37	38.08
11 46 16 00-0116	EA	34-1/4" Length x 36-1/2" Width x 50-1/8" Height, 36" Flat Glass, 2 Shelves, R-290 Refrigerant, Open, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB36FWN)	7,412.37	38.08
11 46 16 00-0117	EA	34-1/4" Length x 36-1/2" Width x 50-1/8" Height, 36" Curved Glass, 2 Shelves, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB362WN)	7,412.37	38.08
11 46 16 00-0118	EA	34-1/4" Length x 48-1/2" Width x 50-1/8" Height, 48" Curved Glass, 2 Shelves, R-290 Refrigerant, Full Service Refrigerated Dry Bakery Display Case, White (Turbo Air TCGB48DWN)	5,247.72	38.08
11 46 16 00-0119	EA	34-1/4" Length x 48-1/2" Width x 50-1/8" Height, 48" Flat Glass, 2 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Open, Refrigerated Bakery Display Case, Black (Turbo Air TCGB48FBN)	8,922.58	38.08
11 46 16 00-0120	EA	34-1/4" Length x 48-1/2" Width x 50-1/8" Height, 48" Flat Glass, 2 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB48FWN)	8,922.58	38.08
11 46 16 00-0121	EA	34-1/4" Length x 48-1/2" Width x 50-1/8" Height, 48" Curved Glass, 2 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB482WN)	8,922.58	38.08
11 46 16 00-0122	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Curved Glass, 2 Shelves, R-290 Refrigerant, Full Service Refrigerated Dry Bakery Display Case, White (Turbo Air TCGB60DWN)	6,029.95	38.08
11 46 16 00-0123	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Flat Glass, 2 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Turbo Air TCGB60FBN)	9,062.78	38.08
11 46 16 00-0124	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Flat Glass, 2 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Open, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB60FWN)	16,242.82	38.08
11 46 16 00-0125	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Curved Glass, 4 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Dry Refrigerated Bakery Display Case, White (Turbo Air TCGB602WN)	16,242.82	38.08
11 46 16 00-0126	EA	34-1/4" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 2 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB722WN)	9,476.84	41.84
11 46 16 00-0127		**Dry Bakery Display Case** *(11 46 16)*		
11 46 16 00-0128	EA	26-1/2" Length x 36" Width x 48" Height, 36" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, Black (Avantco BCD36B)	1,635.03	26.16
11 46 16 00-0129	EA	26-1/2" Length x 36" Width x 48" Height, 36" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Avantco BCD36W)	1,635.03	26.16

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11 46 16 00-0130	EA	26-1/2" Length x 47.8" Width x 48" Height, 48" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, Black (Avantco BCD48B)	1,810.99	26.16
11 46 16 00-0131	EA	26-1/2" Length x 47.8" Width x 48" Height, 48" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Avantco BCD48W)	1,810.99	26.16
11 46 16 00-0132	EA	26-1/2" Length x 59-2/3" Width x 48" Height, 60" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, Black (Avantco BCD60B)	2,082.34	29.92
11 46 16 00-0133	EA	26-1/2" Length x 59-2/3" Width x 48" Height, 60" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Avantco BCD60W)	2,478.25	29.92
11 46 16 00-0134	EA	26-1/2" Length x 71-1/2" Width x 48" Height, 72" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, Black (Avantco BCD72B)	2,425.46	29.92
11 46 16 00-0135	EA	26-1/2" Length x 71-1/2" Width x 48" Height, 72" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Avantco BCD72W)	2,425.46	29.92
11 46 16 00-0136	EA	27-1/2" Length x 36-3/8" Width x 44-3/8" Height, 73-11/16" Curved Glass, 1 Shelf, 2 Doors, Full Service Dry Bakery Display Case, Black (Beverage-Air TBP3646FN)	5,073.47	34.84
11 46 16 00-0137	EA	27-1/2" Length x 36-3/8" Width x 44-3/8" Height, 73-11/16" Curved Glass, 1 Shelf, 2 Doors, Full Service Dry Bakery Display Case, White (Beverage-Air TBP3646FW)	10,077.18	34.84
11 46 16 00-0138	EA	34-1/4" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Turbo Air TCGB72DWN)	7,051.53	41.84
11 46 16 00-0139	EA	35-3/4" Length x 37-1/4" Width x 48-9/16" Height, 37-1/4" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Beverage-Air CDR3HCWD)	4,921.88	38.08
11 46 16 00-0140	EA	35-3/4" Length x 36-1/4" Width x 48-9/16" Height, 37-1/4" Curved Glass, 2 Shelves, 2 Doors, Dry Bakery Display Case, Black (Beverage-Air CDR3HCBD)	4,921.88	38.08
11 46 16 00-0141	EA	35-3/4" Length x 49-1/4" Width x 48-9/16" Height, 49-1/4" Curved Glass, 2 Shelves, 2 Doors, Full Service Dry Bakery Display Case, Black (Beverage-Air CDR4HCBD)	4,921.88	38.08
11 46 16 00-0142	EA	35-3/4" Length x 49-1/4" Width x 48-9/16" Height, 49-1/4" Curved Glass, 2 Doors, 2 Shelves, Dry Bakery Display Case, White (Beverage-Air CDR4HCWD)	4,921.88	38.08
11 46 16 00-0143	EA	35-3/4" Length x 60-1/4" Width x 48-9/16" Height, 60-1/4" Curved Glass, 2 Shelves, 2 Doors, Dry Bakery Display Case, Black (Beverage-Air CDR5HCBD)	5,118.51	38.08
11 46 16 00-0144	EA	35-3/4" Length x 60-1/4" Width x 48-9/16" Height, 60-1/4" Curved Glass, 2 Shelves, 2 Doors, Full Service Dry Bakery Display Case, White (Beverage-Air CDR5HCWD)	5,118.51	38.08
11 46 16 00-0145	EA	35-3/4" Length x 73-11/16" Width x 48-9/16" Height, 73-11/16" Curved Glass, 2 Shelves, 2 Doors, Full Service Dry Bakery Display Case, Black (Beverage-Air CDR6HCBD)	5,534.37	41.84
11 46 16 00-0146	EA	35-3/4" Length x 73-11/16" Width x 48-9/16" Height, 73-11/16" Curved Glass, 2 Shelves, 2 Doors, Full Service Dry Bakery Display Case, White(Beverage-Air CDR6HCWD)	5,534.37	41.84
11 46 16 00-0147		**Dual Dry/Refrigerated Bakery Display Case** *(11 46 16)*		
11 46 16 00-0148	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Flat Glass, 4 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Dual Dry/Refrigerated Bakery Display Case, Black (Turbo Air TCGB60UFCBON)	17,632.70	38.08
11 46 16 00-0149	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Flat Glass, 4 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Dual Dry/Refrigerated Bakery Display Case, White (Turbo Air TCGB60UFCOWN)	17,632.70	38.08
11 46 16 00-0150	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Curved Glass, 4 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, Refrigerant R-290, Full Service Dual Dry/Refrigerated Bakery Display Case, White (Turbo Air TCGB60COWN)	17,632.70	38.08
11 46 16 00-0151	EA	34-1/4" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 2 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Dual Dry/Refrigerated Bakery Display Case, White (Turbo Air TCGB72UFCOWN)	17,640.34	41.84
11 46 16 00-0152	EA	34-1/4" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 4 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Dual Dry/Refrigerated Bakery Display Case, White (Turbo Air TCGB72COWN)	18,106.79	41.84
11 46 16 00-0153		**Refrigerated Deli Case** *(11 46 16)*		
11 46 16 00-0154	EA	30" Length x 72-1/2" Width x 41-7/8" Height, 72" Low Profile Curved Glass, 1 Shelf, Sliding Door, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Turbo Air TCDD72LWN)	8,450.71	139.47
11 46 16 00-0155	EA	30" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 2 Shelves, Sliding Door, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Turbo Air TCDD72HWN)	8,450.71	139.47
11 46 16 00-0156	EA	30" Length x 96-1/2" Width x 41-7/8" Height, 96" Low Profile Curved Glass, 1 Shelf, Sliding Door, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Turbo Air TCDD96LWN)	9,673.82	139.47
11 46 16 00-0157	EA	30" Length x 96-1/2" Width x 5-1/8" Height, 96" Curved Glass, 1 Shelf, Sliding Door, 33 To 41 Degree Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Turbo Air TCDD96HWN)	9,673.82	139.47
11 46 16 00-0158	EA	32-1/2" Length x 36-1/4" Width x 42-7/8" Height, 36" Curved Glass, 4 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, Black (Avantco DLC36HCB)	2,003.16	83.70
11 46 16 00-0159	EA	32-1/2" Length x 36-1/4" Width x 42-7/8" Height, 36" Curved Glass, 4 Shelves, 2 Doors, Sliding Doors, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Stainless Steel Refrigerated Deli Case (Avantco DLC36HCS)	2,176.78	83.70
11 46 16 00-0160	EA	32-1/2" Length x 36-1/4" Width x 42-7/8" Height, 36" Curved Glass, 4 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Avantco DLC36HCW)	2,003.16	83.70
11 46 16 00-0161	EA	32-1/2" Length x 47-1/4" Width x 42-7/8" Height, 47" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, Black (Avantco DLC47HCB)	2,273.46	104.62
11 46 16 00-0162	EA	32-1/2" Length x 47-1/4" Width x 42-7/8" Height, 47" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Stainless Steel Refrigerated Deli Case (Avantco DLC47HCS)	2,465.35	104.62
11 46 16 00-0163	EA	32-1/2" Length x 64-1/3" Width x 42-7/8" Height, 64" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Avantco DLC64HCW)	2,672.19	139.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 16 00-0164	EA	32-1/2" Length x 64-1/4" Width x 42-7/8" Height, 64" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, Black (Avantco DLC64HCB)	2,672.19	139.47
11 46 16 00-0165	EA	32-1/2" Length x 64-1/4" Width x 42-7/8" Height, 64" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Stainless Steel Refrigerated Deli Case (Avantco DLC64HCS)	3,010.29	139.47
11 46 16 00-0166	EA	32-1/2" Length x 64-1/4" Width x 42-7/8" Height, 47" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Avantco DLC47HCW)	2,343.24	139.47
11 46 16 00-0167	EA	32-1/2" Length x 82" Width x 42-7/8" Height, 82" Curved Glass, 9 Shelves, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, Black (Avantco DLC82HCB)	2,909.77	139.47
11 46 16 00-0168	EA	32-1/2" Length x 82" Width x 42-7/8" Height, 82" Curved Glass, 9 Shelves, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Avantco DLC82HCW)	2,909.77	139.47
11 46 16 00-0169	EA	32-1/2" Length x 82" Width x 42-7/8" Height, 82" Curved Glass, 9 Shelves, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Stainless Steel Refrigerated Deli Case (Avantco DLC82HCS)	3,193.04	139.47

11 46 19 Soda Fountain Equipment *(11 46)*

11 46 19 00-0001 Carbonated Beverage Dispensing *(11 46 19)*

11 46 19 00-0002	EA	Carbonated Beverage Dispenser	5,908.18	465.20
11 46 19 00-0003	EA	Carbonated Beverage Dispenser With 90 Lb. Ice	9,592.91	531.60
11 46 19 00-0004	EA	Carbonated Beverage Dispenser With 150 Lb. Ice	17,886.25	744.22

11 46 19 00-0005 Beverage Chilling Systems *(11 46 19)*

11 46 19 00-0006	EA	Beverage Chiller, Small	7,646.00	382.53
11 46 19 00-0007	EA	Beverage Chiller, Large	14,283.11	573.86

11 46 83 Ice Machines *(11 46)*

11 46 83 00-0001 Ice Flakers *(11 46 83)*

11 46 83 00-0002	EA	300 Lb./Day, Ice Flakers	5,879.21	623.45
11 46 83 00-0003	EA	600 Lb./Day, Ice Flakers	10,629.75	997.52
11 46 83 00-0004	EA	1,000 Lb./Day, Ice Flakers	13,163.45	1,371.60
11 46 83 00-0005	EA	2,000 Lb./Day, Ice Flakers	16,052.82	1,496.29

11 46 83 00-0006 Undercounter Ice Machines With Bin *(11 46 83)*

11 46 83 00-0007	EA	53 Lb./Day, Air-Cooled Undercounter Octagonal Cube Ice Machine With 25 Lb. Capacity Bin (Manitowoc SM-50A 115/60/1)	2,633.61	26.16
11 46 83 00-0008	EA	85 Lb./Day, Air-Cooled Undercounter Pearl/Nugget Ice Machine With 22 Lb. Capacity Bin (Ice-O-Matic GEMU090)	4,229.54	200.36
11 46 83 00-0009	EA	137 Lb./Day, Air-Cooled Undercounter Half Dice Cube Ice Machine With 90 Lb. Capacity Bin (Manitowoc UYF0140A)	3,223.42	200.36
11 46 83 00-0010	EA	100 Lb./Day, Undercounter, Air-Cooled Ice Machine With 57 Lb. Capacity Bin (Scotsman CU0920MA)	3,146.48	200.36
11 46 83 00-0011	EA	227 Lb./Day, Undercounter, Air-Cooled Ice Machine With 80 Lb. Capacity Bin (Scotsman UC2024SA)	3,389.33	214.68
11 46 83 00-0012	EA	282 Lb./Day, Undercounter, Air-Cooled Ice Machine With 80 Lb. Capacity Bin (Scotsman UC2724SA)	3,790.63	214.68

11 46 83 00-0013 Ice Cube Maker *(11 46 83)*

11 46 83 00-0014	EA	320 Lb./Day, Modular Ice Maker Without Bin	4,342.44	214.68
11 46 83 00-0015	EA	451 Lb./Day, Modular Ice Maker Without Bin	4,719.14	228.99
11 46 83 00-0016	EA	600 Lb./Day, Modular Ice Maker Without Bin	5,405.25	228.99
11 46 83 00-0017	EA	901 Lb./Day, Modular Ice Maker Without Bin	7,734.11	243.30
11 46 83 00-0018	EA	1301 Lb./Day, Modular Ice Maker Without Bin	8,778.61	243.30
11 46 83 00-0019	EA	1601 Lb./Day, Modular Ice Maker Without Bin	10,585.46	257.61
11 46 83 00-0020	EA	1900 Lb./Day, Modular Ice Maker Without Bin	11,695.48	257.61

11 46 83 00-0021 Ice Storage Bins *(11 46 83)*

11 46 83 00-0022	EA	260 Lb. Capacity, Stainless Steel Ice Storage Bin	1,748.66	156.93
11 46 83 00-0023	EA	360 Lb. Capacity, Stainless Steel Ice Storage Bin	1,916.36	156.93
11 46 83 00-0024	EA	550 Lb. Capacity, Stainless Steel Ice Storage Bin	2,389.73	170.01
11 46 83 00-0025	EA	660 Lb. Capacity, Stainless Steel Ice Storage Bin	2,576.07	170.01
11 46 83 00-0026	EA	1,150 Lb. Capacity, Stainless Steel Ice Storage Bin	4,931.45	183.09

11 48 Foodservice Cleaning and Disposal Equipment *(11 40)*

11 48 13 Commercial Dishwashers *(11 48)*

11 48 13 00-0001 Rack Type Dishwasher *(11 48 13)*

11 48 13 00-0002	EA	Dishwasher, 1 Tank And 190 To 230 Racks/Hour	29,693.20	1,059.47
11 48 13 00-0003	EA	Dishwasher, 2 Tanks And 234 To 260 Racks/Hour	48,583.34	1,308.76
11 48 13 00-0004	EA	Dishwasher, 2 Tanks And 265 To 290 Racks/Hour	58,115.37	1,495.73

11 48 13 00-0005 Undercounter Type Dishwasher *(11 48 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 48 13 00-0006	EA	High Speed, Undercounter Commercial Dishwasher (Hobart LX30-H)	6,587.16	218.13
11 48 13 00-0007		**Exhaust Hood Dishwasher** *(11 48 13)*		
11 48 13 00-0008	EA	4' x 4' x 2' Dishwasher Exhaust Hood Stainless Steel With Gutter On All Sides	2,604.04	246.54
11 48 13 00-0009	EA	4' x 4' x 7' Dishwasher Exhaust Hood Stainless Steel With Gutter On All Sides	4,465.35	295.84
11 48 13 00-0010		**Dish Tables** *(11 48 13)*		
11 48 13 00-0011	EA	2' Long x 30" Front To Back x 44-3/4" Height, 16 Gauge 304 Stainless Steel, Clean/Soiled Dish Table Extension Note: Includes 10-3/4" high backsplash, 2" return for drainage, 1-5/8" diameter stainless steel legs with stainless steel sockets, gusset channel, and bullet feet.	457.92	95.26
11 48 13 00-0012	EA	3' Long x 30" Front To Back x 44-3/4" Height, 16 Gauge 304 Stainless Steel, Clean/Soiled Dish Table Extension Note: Includes 10-3/4" high backsplash, 2" return for drainage, 1-5/8" diameter stainless steel legs with stainless steel sockets, gusset channel, and bullet feet.	496.15	104.73
11 48 13 00-0013	EA	4' Long x 30" Front To Back x 44-3/4" Height, 16 Gauge 304 Stainless Steel, Clean/Soiled Dish Table Extension Note: Includes 10-3/4" high backsplash, 2" return for drainage, 1-5/8" diameter stainless steel legs with stainless steel sockets, gusset channel, and bullet feet.	601.86	114.77
11 48 13 00-0014	EA	5' Long x 30" Front To Back x 44-3/4" Height, 16 Gauge 304 Stainless Steel, Clean/Soiled Dish Table Extension Note: Includes 10-3/4" high backsplash, 2" return for drainage, 1-5/8" diameter stainless steel legs with stainless steel sockets, gusset channel, and bullet feet.	673.33	126.25
11 48 13 00-0015	EA	6' Long x 30" Front To Back x 44-3/4" Height, 16 Gauge 304 Stainless Steel, Clean/Soiled Dish Table Extension Note: Includes 10-3/4" high backsplash, 2" return for drainage, 1-5/8" diameter stainless steel legs with stainless steel sockets, gusset channel, and bullet feet.	749.31	137.73
11 48 13 00-0016	EA	7' Long x 30" Front To Back x 44-3/4" Height, 16 Gauge 304 Stainless Steel, Clean/Soiled Dish Table Extension Note: Includes 10-3/4" high backsplash, 2" return for drainage, 1-5/8" diameter stainless steel legs with stainless steel sockets, gusset channel, and bullet feet.	824.27	152.07
11 48 13 00-0017	EA	8' Long x 30" Front To Back x 44-3/4" Height, 16 Gauge 304 Stainless Steel, Clean Dish Table Extension Note: Includes 10-3/4" high backsplash, 2" return for drainage, 1-5/8" diameter stainless steel legs with stainless steel sockets, gusset channel, and bullet feet.	940.98	166.42
11 48 13 00-0018	EA	3' Long x 30" Front To Back x 44-3/4" Height, 16 Gauge 304 Stainless Steel, Soiled Dish Table Extension With 6" Bowl Depth x 20-1/4" x 20-1/4" Sink Note: Includes 10-3/4" high backsplash, 2" return for drainage, 1-5/8" diameter stainless steel legs with stainless steel sockets, gusset channel, and bullet feet. Excludes faucet and drain.	631.04	143.47
11 48 13 00-0019	EA	4' Long x 30" Front To Back x 44-3/4" Height, 16 Gauge 304 Stainless Steel, Soiled Dish Table Extension With 6" Bowl Depth x 20-1/4" x 20-1/4" Sink Note: Includes 10-3/4" high backsplash, 2" return for drainage, 1-5/8" diameter stainless steel legs with stainless steel sockets, gusset channel, and bullet feet. Excludes faucet and drain.	731.95	157.81
11 48 13 00-0020	EA	5' Long x 30" Front To Back x 44-3/4" Height, 16 Gauge 304 Stainless Steel, Soiled Dish Table Extension With 6" Bowl Depth x 20-1/4" x 20-1/4" Sink Note: Includes 10-3/4" high backsplash, 2" return for drainage, 1-5/8" diameter stainless steel legs with stainless steel sockets, gusset channel, and bullet feet. Excludes faucet and drain.	792.22	172.16
11 48 13 00-0021	EA	6' Long x 30" Front To Back x 44-3/4" Height, 16 Gauge 304 Stainless Steel, Soiled Dish Table Extension With 6" Bowl Depth x 20-1/4" x 20-1/4" Sink Note: Includes 10-3/4" high backsplash, 2" return for drainage, 1-5/8" diameter stainless steel legs with stainless steel sockets, gusset channel, and bullet feet. Excludes faucet and drain.	900.00	189.38
11 48 13 00-0022	EA	7' Long x 30" Front To Back x 44-3/4" Height, 16 Gauge 304 Stainless Steel, Soiled Dish Table Extension With 6" Bowl Depth x 20-1/4" x 20-1/4" Sink Note: Includes 10-3/4" high backsplash, 2" return for drainage, 1-5/8" diameter stainless steel legs with stainless steel sockets, gusset channel, and bullet feet. Excludes faucet and drain.	1,117.32	209.45
11 48 13 00-0023	EA	8' Long x 30" Front To Back x 44-3/4" Height, 16 Gauge 304 Stainless Steel, Soiled Dish Table Extension With 6" Bowl Depth x 20-1/4" x 20-1/4" Sink Note: Includes 10-3/4" high backsplash, 2" return for drainage, 1-5/8" diameter stainless steel legs with stainless steel sockets, gusset channel, and bullet feet. Excludes faucet and drain.	1,180.05	229.54
11 48 13 00-0024		**Sprays And Hoses** *(11 48 13)*		
11 48 13 00-0025		**Sprays, Fillers** *(11 48 13 00-0024)*		
11 48 13 00-0026	EA	Pre-Rinse Spray	657.26	90.91
11 48 13 00-0027	EA	Kettle Fillers	562.19	90.91
11 48 13 00-0028		**Hoses** *(11 48 13 00-0024)*		
11 48 13 00-0029	EA	Hose Reel	788.71	109.14
11 48 13 00-0030	EA	Wash-Down Hose	598.57	109.14
11 48 13 00-0031	EA	Hose Reel And Spray System With Accessories (Chicago 535NF)	1,473.95	
11 48 16		**Foodservice Disposal Equipment** *(11 48)*		
11 48 16 00-0001		**Garbage Disposals** *(11 48 16)* Note: Manual switch.		
11 48 16 00-0002	EA	1/2 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	2,410.49	168.27
11 48 16 00-0003	EA	3/4 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	3,087.78	174.50
11 48 16 00-0004	EA	1 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	3,324.04	180.73
11 48 16 00-0005	EA	1.5 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	4,404.87	186.97
11 48 16 00-0006	EA	2 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	4,815.36	205.67
11 48 16 00-0007	EA	3 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal	6,885.74	224.36
11 48 16 00-0008	EA	5 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal	8,263.07	249.28
11 48 16 00-0009	EA	7-1/2 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal	11,584.64	267.98
11 48 16 00-0010	EA	10 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal	15,326.18	280.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 48 16 00-0011		Pulper/Extractors *(11 48 16)*		
11 48 16 00-0012	EA	5 HP, Pulper/Extractor, Close-Coupled	10,058.25	259.63

11 50 Educational and Scientific Equipment *(11)*

11 52 Audio-Visual Equipment *(11 50)*

11 52 13 Projection Screens *(11 52)*

11 52 13 13 Fixed Projection Screens *(11 52 13)*

11 52 13 13-0001		Screens *(11 52 13 13)*		
11 52 13 13-0002		Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model B) *(11 52 13 13-0001)*		
11 52 13 13-0003	EA	40" x 40" Pull Down Projection Screen (Da-Lite B)	384.50	80.57
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0004	EA	50" x 50" Pull Down Projection Screen (Da-Lite B)	457.17	103.58
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0005	EA	60" x 60" Pull Down Projection Screen (Da-Lite B)	575.85	143.86
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0006	EA	70" x 70" Pull Down Projection Screen (Da-Lite B)	665.77	172.64
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0007	EA	84" x 84" Pull Down Projection Screen (Da-Lite B)	1,032.65	258.96
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0008	EA	96" x 96" Pull Down Projection Screen (Da-Lite B)	1,219.68	287.73
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0009	EA	64" x 84" Pull Down Projection Screen (Da-Lite B)	883.03	184.15
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0010	EA	72" x 96" Pull Down Projection Screen (Da-Lite B)	1,007.48	230.19
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0011	EA	43" x 57" Pull Down Projection Screen (Da-Lite B)	548.53	97.83
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0012	EA	50" x 67" Pull Down Projection Screen (Da-Lite B)	758.59	138.11
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0013	EA	55" x 77" Pull Down Projection Screen (Da-Lite B)	825.48	155.38
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0014	EA	60" x 80" Pull Down Projection Screen (Da-Lite B)	880.87	166.88
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0015	EA	69" x 92" Pull Down Projection Screen (Da-Lite B)	1,014.67	201.42
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0016	EA	45" x 80" Pull Down Projection Screen (Da-Lite B)	834.83	143.86
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0017	EA	52" x 92" Pull Down Projection Screen (Da-Lite B)	945.62	166.88
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0018		Heavy-Duty Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model C) *(11 52 13 13-0001)*		
11 52 13 13-0019	EA	50" x 50" Pull Down Projection Screen (Da-Lite C)	910.39	103.58
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0020	EA	60" x 60" Pull Down Projection Screen (Da-Lite C)	1,061.44	143.86
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0021	EA	70" x 70" Pull Down Projection Screen (Da-Lite C)	1,229.77	195.66
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0022	EA	84" x 84" Pull Down Projection Screen (Da-Lite C)	1,421.13	258.96
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0023	EA	6' x 8' Pull Down Projection Screen (Da-Lite C)	1,562.13	264.71
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0024	EA	8' x 8' Pull Down Projection Screen (Da-Lite C)	1,672.90	287.73
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0025	EA	7' x 9' Pull Down Projection Screen (Da-Lite C)	1,705.28	287.73
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0026	EA	9' x 9' Pull Down Projection Screen (Da-Lite C)	1,836.93	305.00
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0027	EA	8' x 10' Pull Down Projection Screen (Da-Lite C)	1,968.58	322.26
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0028	EA	10' x 10' Pull Down Projection Screen (Da-Lite C)	2,111.72	345.28
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0029	EA	9' x 12' Pull Down Projection Screen (Da-Lite C)	2,370.71	345.28
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0030	EA	12' x 12' Pull Down Projection Screen (Da-Lite C)	2,730.39	460.38
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	

11 52 13 13-0031 Heavy-Duty Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model C With CSR) *(11 52 13 13-0001)*

Note: With controlled screen return.

11 52 13 13-0032	EA	60" x 60" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	1,708.90	143.86
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0033	EA	70" x 70" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	1,909.60	195.66
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0034	EA	84" x 84" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,100.96	258.96
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0035	EA	6' x 8' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,209.59	264.71
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0036	EA	8' x 8' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,352.74	287.73
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0037	EA	7' x 9' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,385.11	287.73
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0038	EA	9' x 9' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,516.76	305.00
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0039	EA	8' x 10' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,572.15	316.50
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0040	EA	10' x 10' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,888.68	345.28
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0041	EA	9' x 12' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	3,180.03	345.28
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0042	EA	12' x 12' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	3,604.46	460.38
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	

11 52 13 13-0043 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Cosmopolitan Electrol) *(11 52 13 13-0001)*

Note: Heavy-duty screen for exposed installation.

11 52 13 13-0044	EA	50" x 50" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,630.08	129.47
11 52 13 13-0045	EA	60" x 60" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,687.15	143.86
11 52 13 13-0046	EA	70" x 70" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,798.46	172.64
11 52 13 13-0047	EA	84" x 84" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,214.43	258.96
11 52 13 13-0048	EA	6' x 8' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,293.85	264.71
11 52 13 13-0049	EA	8' x 8' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,495.50	287.73
11 52 13 13-0050	EA	7' x 9' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,566.24	287.73
11 52 13 13-0051	EA	9' x 9' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,742.34	307.88
11 52 13 13-0052	EA	8' x 10' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,960.69	322.26
11 52 13 13-0053	EA	10' x 10' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	4,100.10	345.28
11 52 13 13-0054	EA	9' x 12' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	4,227.43	345.28
11 52 13 13-0055	EA	12' x 12' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	4,678.32	460.38

11 52 13 13-0056 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Professional Electrol) *(11 52 13 13-0001)*

Note: Heavy-duty screen for exposed or recessed installation without doors.

11 52 13 13-0057	EA	9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	6,190.72	345.28
11 52 13 13-0058	EA	12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	6,679.90	460.38
11 52 13 13-0059	EA	14' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	8,284.14	517.92
11 52 13 13-0060	EA	12' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	8,722.97	575.46
11 52 13 13-0061	EA	16' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	9,276.89	690.55
11 52 13 13-0062	EA	13.5' x 18' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	10,363.16	748.10
11 52 13 13-0063	EA	18' x 18' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	11,352.34	805.65
11 52 13 13-0064	EA	15' x 20' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	11,999.80	805.65
11 52 13 13-0065	EA	20' x 20' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	12,909.81	920.74
11 52 13 13-0066	EA	11' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	11,981.81	748.10
11 52 13 13-0067	EA	16.5' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	12,650.82	920.74
11 52 13 13-0068	EA	22' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	13,204.74	1,035.83
11 52 13 13-0069	EA	12' x 24' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	12,744.37	805.65
11 52 13 13-0070	EA	18' x 24' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	16,442.04	1,035.83

11 52 13 13-0071 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Executive Electrol) *(11 52 13 13-0001)*

Note: In-the-ceiling screen with automatically operated door to conceal screen.

11 52 13 13-0072	EA	50" x 50" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,759.13	129.47
11 52 13 13-0073	EA	60" x 60" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,885.02	143.86
11 52 13 13-0074	EA	70" x 70" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,007.32	172.64
11 52 13 13-0075	EA	84" x 84" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,406.57	258.96
11 52 13 13-0076	EA	6' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,482.82	264.71
11 52 13 13-0077	EA	8' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,723.09	287.73
11 52 13 13-0078	EA	7' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,917.33	287.73
11 52 13 13-0079	EA	9' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	7,054.73	307.88
11 52 13 13-0080	EA	8' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	7,245.37	322.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0081	EA	10' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	7,420.90	345.28
11 52 13 13-0082	EA	9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	7,485.64	345.28
11 52 13 13-0083	EA	12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	8,039.56	460.38
11 52 13 13-0084	EA	10.6' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	8,615.08	489.15
11 52 13 13-0085	EA	14' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	8,996.35	517.92
11 52 13 13-0086	EA	12' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	9,823.66	575.46
11 52 13 13-0087	EA	16' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	10,215.71	690.55

11 52 13 13-0088 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Senior Electrol) *(11 52 13 13-0001)*

Note: In-the-ceiling screen with automatically operated door to conceal screen.

11 52 13 13-0089	EA	50" x 50" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	4,774.99	129.47
11 52 13 13-0090	EA	60" x 60" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	4,877.86	158.26
11 52 13 13-0091	EA	70" x 70" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	4,935.77	172.64
11 52 13 13-0092	EA	84" x 84" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,202.29	258.96
11 52 13 13-0093	EA	6' x 8' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,242.94	264.71
11 52 13 13-0094	EA	8' x 8' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,411.99	287.73
11 52 13 13-0095	EA	7' x 9' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,583.56	287.73
11 52 13 13-0096	EA	9' x 9' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,853.69	307.88
11 52 13 13-0097	EA	8' x 10' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,927.79	322.26
11 52 13 13-0098	EA	10' x 10' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	6,113.03	345.28
11 52 13 13-0099	EA	9' x 12' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	6,098.64	402.82
11 52 13 13-0100	EA	12' x 12' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	6,666.95	460.38
11 52 13 13-0101	EA	10'-6" x 14' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	8,336.67	489.15
11 52 13 13-0102	EA	14' x 14' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	8,701.76	517.92
11 52 13 13-0103	EA	12' x 16' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	9,415.76	575.46
11 52 13 13-0104	EA	16' x 16' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	9,781.91	690.55
11 52 13 13-0105	EA	13'-6" x 18' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	10,657.76	748.10
11 52 13 13-0106	EA	18' x 18' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	11,313.48	805.65
11 52 13 13-0107	EA	15' x 20' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	11,786.12	805.65
11 52 13 13-0108	EA	20' x 20' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	13,026.35	920.74
11 52 13 13-0109	EA	50" x 67" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	4,935.77	172.64
11 52 13 13-0110	EA	60" x 80" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,144.75	230.19
11 52 13 13-0111	EA	69" x 92" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,231.43	258.96
11 52 13 13-0112	EA	87" x 116" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,960.17	322.26
11 52 13 13-0113	EA	105" x 140" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	6,367.33	402.82
11 52 13 13-0114	EA	123" x 164" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	7,889.19	517.92
11 52 13 13-0115	EA	141" x 188" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	8,365.42	633.01
11 52 13 13-0116	EA	12' x 24' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	14,763.00	863.20
11 52 13 13-0117	EA	45" x 80" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,160.94	230.19
11 52 13 13-0118	EA	52" x 92" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,279.99	258.96
11 52 13 13-0119	EA	54" x 96" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,408.39	276.23
11 52 13 13-0120	EA	58" x 104" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,483.57	299.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0121	EA	65" x 116" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,804.78	322.26
11 52 13 13-0122	EA	78" x 139" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	6,244.31	402.82
11 52 13 13-0123	EA	92" x 164" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	7,801.79	517.92
11 52 13 13-0124	EA	106" x 188" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	9,009.64	633.01
11 52 13 13-0125	EA	119" x 212" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	10,939.40	748.10
11 52 13 13-0126		Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Boardroom Electrol) *(11 52 13 13-0001)* Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0127	EA	50" x 50" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,190.78	129.47
11 52 13 13-0128	EA	60" x 60" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,287.46	143.86
11 52 13 13-0129	EA	70" x 70" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,395.94	172.64
11 52 13 13-0130	EA	84" x 84" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,744.01	258.96
11 52 13 13-0131	EA	6' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,812.11	264.71
11 52 13 13-0132	EA	8' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,979.80	287.73
11 52 13 13-0133	EA	7' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,169.38	287.73
11 52 13 13-0134	EA	9' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,331.33	307.88
11 52 13 13-0135	EA	8' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,450.65	322.26
11 52 13 13-0136	EA	10' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,640.99	345.28
11 52 13 13-0137	EA	9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,836.22	345.28
11 52 13 13-0138	EA	12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	7,230.52	460.38
11 52 13 13-0139		Electric Ascending Project Screen, Matte White, Glass Beaded (Da-Lite Ascender Electrol) *(11 52 13 13-0001)* Note: High contrast matte white, video spectrum or high power. Includes a motorized spring assisted scissors mechanism which raises the screen surface from the housing ensuring smooth operation. A trap door housing keeps the screen and lift mechanism hidden until the screen is activated.		
11 52 13 13-0140	EA	60" x 80" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	14,751.60	287.73
11 52 13 13-0141	EA	69" x 92" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	15,773.13	345.28
11 52 13 13-0142	EA	87" x 116" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	18,319.77	517.92
11 52 13 13-0143	EA	105" x 140" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	23,067.79	690.55
11 52 13 13-0144	EA	120" x 160" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	25,564.08	805.65
11 52 13 13-0145	EA	52" x 92" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	15,658.04	287.73
11 52 13 13-0146	EA	58" x 104" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	17,100.42	345.28
11 52 13 13-0147	EA	65" x 116" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	18,089.59	402.82
11 52 13 13-0148	EA	78" x 139" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	22,722.50	517.92
11 52 13 13-0149		Electric Rear Projection Screen (Da-Lite DA-View) *(11 52 13 13-0001)* Note: Consists of a single acrylic layer with rear Fensel lens and lenticulated front profile. Un-framed.		
11 52 13 13-0150	EA	60" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	4,906.55	287.73
11 52 13 13-0151	EA	67" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	6,167.85	316.50
11 52 13 13-0152	EA	72" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	7,068.02	345.28
11 52 13 13-0153	EA	84" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	12,783.19	374.05
11 52 13 13-0154	EA	90" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	14,164.87	13,762.04
11 52 13 13-0155	EA	96" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	15,724.46	460.38
11 52 13 13-0156	EA	100" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	20,173.05	517.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0157	EA	120" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	27,269.90	575.46
11 52 13 13-0158	EA	125" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	30,514.74	633.01
11 52 13 13-0159	EA	135" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	40,861.71	690.55
11 52 13 13-0160		Screen Accessories *(11 52 13 13-0001)*		
11 52 13 13-0161		Manual Pull Down Accessories *(11 52 13 13-0160)*		
11 52 13 13-0162	EA	6" Mounting Bracket (Pair)	75.54	8.63
11 52 13 13-0163	EA	14" Wall Mounting Bracket (Pair)	107.91	9.21
11 52 13 13-0164	EA	14-1/2" To 24" Adjustable Wall Mounting Bracket (Pair)	127.34	10.36
11 52 13 13-0165		Electric Powered Screen Accessories *(11 52 13 13-0160)*		
11 52 13 13-0166	EA	Single Motor Low Voltage Remote Control System - Infrared	802.47	
11 52 13 13-0167	EA	Single Motor Low Voltage Remote Control System - Radio Frequency	1,158.58	
11 52 16		**Projectors** *(11 52)*		
11 52 16 26		**Video Projectors** *(11 52 16)*		
11 52 16 26-0001		Projectors *(11 52 16 26)*		
11 52 16 26-0002	EA	2,000 Lumens Output, 800 x 600 Pixels, SVGA Compact 3LCD Panels Projector	1,426.16	57.54
11 52 16 26-0003	EA	2,000 Lumens Output, 1024 x 768 Pixels, XGA Compact 3LCD Panels Projector	1,655.60	57.54
11 52 16 26-0004	EA	2,000 Lumens Output, 1280 x 800 Pixels, WXGA Compact 3LCD Panels Projector	2,196.42	57.54
11 52 16 26-0005	EA	3,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	3,474.71	57.54
11 52 16 26-0006	EA	3,500 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	4,048.31	57.54
11 52 16 26-0007	EA	3,000 Lumens Output, 1366 x 800 Pixels, WXGA 3LCD Panels Projector	5,146.33	57.54
11 52 16 26-0008	EA	4,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	8,194.57	57.54
11 52 16 26-0009	EA	5,200 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	11,111.71	57.54
11 52 16 26-0010	EA	6,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	16,503.49	57.54
11 52 16 26-0011		Projector Mounts *(11 52 16 26)*		
11 52 16 26-0012		Universal Projector Mounts *(11 52 16 26-0011)* Note: Includes ceiling or wall mounting hardware and hardware for attaching projector. Excludes projector.		
11 52 16 26-0013	EA	Flush Ceiling, Universal Projector Mount (Peerless PPF)	296.50	63.28
11 52 16 26-0014	EA	Wall Arm, Universal Projector Mount (Peerless PWA-14)	499.95	63.28
11 52 16 26-0015		Projector Mount Components *(11 52 16 26-0011)* Note: Includes ceiling attachment plate, threaded extension column and projector attachment plate. Excludes projector.		
11 52 16 26-0016		Ceiling Attachment Plates For Projector Mounts *(11 52 16 26-0015)*		
11 52 16 26-0017	EA	Finished Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 570)	105.90	28.76
11 52 16 26-0018	EA	Truss Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 557)	147.66	28.76
11 52 16 26-0019	EA	I-Beam Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 558/559)	209.46	28.76
11 52 16 26-0020	EA	Suspended Ceiling, Attachment Plate For Projector Mounts (Peerless CMJ 455)	258.24	28.76
11 52 16 26-0021		Projector Attachment Plates For Projector Mounts *(11 52 16 26-0015)*		
11 52 16 26-0022	EA	Universal Projector Attachment Plate For Projector Mounts (Peerless PRG-UNV)	392.29	28.76
11 52 16 26-0023	EA	High Security Projector Enclosure For Projector Mounts (Peerless ALB)	879.05	28.76
11 52 16 26-0024		Threaded Extension Columns For Projector Mounts *(11 52 16 26-0015)*		
11 52 16 26-0025		Fixed Length, Threaded Extension Column For Projector Mounts *(11 52 16 26-0024)* Note: Peerless EXT series.		
11 52 16 26-0026	EA	6" Fixed Length, Threaded Extension Column For Projector Mounts	66.19	8.62
11 52 16 26-0027	EA	12" Fixed Length, Threaded Extension Column For Projector Mounts	86.79	8.62
11 52 16 26-0028	EA	18" Fixed Length, Threaded Extension Column For Projector Mounts	94.52	8.62
11 52 16 26-0029	EA	24" Fixed Length, Threaded Extension Column For Projector Mounts	99.67	8.62
11 52 16 26-0030	EA	36" Fixed Length, Threaded Extension Column For Projector Mounts	118.29	11.50
11 52 16 26-0031	EA	48" Fixed Length, Threaded Extension Column For Projector Mounts	144.04	11.50
11 52 16 26-0032	EA	60" Fixed Length, Threaded Extension Column For Projector Mounts	185.25	11.50
11 52 16 26-0033	EA	72" Fixed Length, Threaded Extension Column For Projector Mounts	213.57	11.50
11 52 16 26-0034	EA	84" Fixed Length, Threaded Extension Column For Projector Mounts	250.24	14.38
11 52 16 26-0035	EA	96" Fixed Length, Threaded Extension Column For Projector Mounts	286.29	14.38
11 52 16 26-0036	EA	108" Fixed Length, Threaded Extension Column For Projector Mounts	317.81	17.26
11 52 16 26-0037	EA	120" Fixed Length, Threaded Extension Column For Projector Mounts	333.26	17.26
11 52 16 26-0038		Adjustable Length, Threaded Extension Columns For Projector Mounts *(11 52 16 26-0024)* Note: Peerless ADJ series. Adjustable at 1" increments.		
11 52 16 26-0039	EA	6" To 9" Adjustable Length, Threaded Extension Column For Projector Mounts	136.92	14.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 16 26-0040	EA	12" To 18" Adjustable Length, Threaded Extension Column For Projector Mounts	214.18	14.38
11 52 16 26-0041	EA	18" To 24" Adjustable Length, Threaded Extension Column For Projector Mounts	219.33	14.38
11 52 16 26-0042	EA	24" To 36" Adjustable Length, Threaded Extension Column For Projector Mounts	227.06	14.38
11 52 16 26-0043	EA	36" To 60" Adjustable Length, Threaded Extension Column For Projector Mounts	245.70	17.26
11 52 16 26-0044	EA	48" To 72" Adjustable Length, Threaded Extension Column For Projector Mounts	258.57	17.26
11 52 16 26-0045	EA	60" To 84" Adjustable Length, Threaded Extension Column For Projector Mounts	286.90	17.26
11 52 16 26-0046	EA	72" To 96" Adjustable Length, Threaded Extension Column For Projector Mounts	312.65	17.26
11 52 16 26-0047	EA	84" To 108" Adjustable Length, Threaded Extension Column For Projector Mounts	346.72	20.14
11 52 16 26-0048	EA	96" To 120" Adjustable Length, Threaded Extension Column For Projector Mounts	372.48	20.14
11 52 16 26-0049	EA	108" To 132" Adjustable Length, Threaded Extension Column For Projector Mounts	406.56	23.00
11 52 16 26-0050	EA	120" To 144" Adjustable Length, Threaded Extension Column For Projector Mounts	424.59	23.00

11 52 19 Players and Recorders *(11 52)*

11 52 19 00-0001 Audio-Visual Equipment *(11 52 19)*

Note: Includes installation of AV components may be subject to further verification of site conditions before engineering sign-off. Custom control software programming (to be verified after client consultation). Project design, integration, training, including manuals and documentation. Shipping and handling. AV project manager site visit travel expenses per trip.

11 52 19 00-0002 Audio Equipment *(11 52 19 00-0001)*

11 52 19 00-0003	EA	TOA Condenser Microphone Preamplifier with Remote Mute Capability	702.45
11 52 19 00-0004	EA	Passive Stereo Line Combiner, Combines Stereo to Mono	196.54
11 52 19 00-0005	EA	Power Supply 24 Voltage, 400 mA for Stereo Line Amplifier	66.89
11 52 19 00-0006	EA	TOA 120 Watt Modular Mixer / Amplifier	3,110.89
11 52 19 00-0007	EA	Auxiliary Stereo Input Module with internal summing and muting capabilities	167.25
11 52 19 00-0008	EA	Rack Mount Kit for Power Amplifier	104.53
11 52 19 00-0009	EA	TOA Equalization Module for Wide Dispersion Speaker	309.41
11 52 19 00-0010	EA	TOA Wide Dispersion Speaker with transformer for 70 volt operation	589.57

11 52 19 00-0011 AV Microphones *(11 52 19 00-0001)*

11 52 19 00-0012	EA	Audio-Technica Miniature Cardioid Condenser Gooseneck Microphone	1,567.99

11 52 19 00-0013 Control System *(11 52 19 00-0001)*

11 52 19 00-0014	EA	Digitally Controlled 3-channel Audio Attenuator Note: Each channel has controls for volume, tone and mute.	2,354.07
11 52 19 00-0015	EA	Crestron Pro2 Integrated Control System Note: Includes 8-IR, 8-digital I/Os, 8-relays, 6-RS-232, 3 CNX expansion slots and 1 DPA Ethernet-based communication CNX slot included.	11,235.11
11 52 19 00-0016	EA	IR Emitter Cable	158.90
11 52 19 00-0017	EA	IR/S Control Cable	313.60
11 52 19 00-0018	EA	Crestron Isys Compact Video Touchpanel, 5" Diagonal Color Active Matrix Desktop Tilt-case Color Touch Control, 64,000 Colors, 320x234 Pixels	5,297.67

11 52 19 00-0019 Interfaces *(11 52 19 00-0001)*

11 52 19 00-0020	EA	Extron RGB 109xi Dedicated VGA/S-VGA/XGA2/VESA interface	2,479.49
11 52 19 00-0021	EA	VGA Male/BNC Female Adapter cable	171.45
11 52 19 00-0022	EA	Rack Shelf (1RU), holds 2 1RU High 1/2 Rack Units	522.66

11 52 19 00-0023 Display Wall Processors *(11 52 19 00-0001)*

11 52 19 00-0024	EA	Jupiter Fusion 950 High Performance High-availability Display Wall Graphics Server Note: Includes 4 high resolution display channels; 6 RGB inputs; 6 RGB output window processors; 16 Composite Video Inputs, 8 - S-Video Inputs (4 Displayable Concurrently); 1 4U rackmount main chassis; Dual (2) 300W hot-swap power supplies; 1 Intel Pentium III CPU at 1 GHz; 512MB Memory; Single removable 20GB disk drive; 52X CD-ROM drive, 1.44MB floppy drive; 2 10/100 Mb/s RJ-45 Ethernet connectors; Ports: 1 parallel, 2 USB, 1 serial; PS/2 104 keyboard, PS/2 mouse, 1 year limited hardware warranty, 90 days installation assistance via phone and email, Galileo Software, Windows 2000 Professional, Jupiter Multiple Channel Software, ControlPoint Software, X server for Unix Connectivity, 1 Year of software support	98,342.50

11 52 19 00-0025 Projectors *(11 52 19 00-0001)*

11 52 19 00-0026	EA	Barco Helios 24/7/365 mission critical performance data Projector, 3 panel LCD, 1,280x1,024, 750 ANSI Lumens, high MTBF, 4,000 hour lamp and 1:27:1 lens for Helios Note: Includes corner focus to match screen size.	77,269.69

11 52 19 00-0027 Rack Equipment *(11 52 19 00-0001)*

11 52 19 00-0028	EA	Power Conditioning and Rack Accessories	1,254.39
11 52 19 00-0029	EA	Stand Alone Rack With Rear Door	5,017.55

11 52 19 00-0030 Switchers *(11 52 19 00-0001)*

11 52 19 00-0031	EA	Six-Input, Two-Output 100KHz Stereo Audio Switcher, 1/2 rack width (RS-232 control)	2,508.78

11 52 19 00-0032 AV Source Components *(11 52 19 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 19 00-0033	EA	JVC Professional VCR 4-Head S-VHS Hi-Fi Serial IR control	1,672.51	
11 52 19 00-0034	EA	Marantz Professional DVD Player With 500 TVL Res. S-Video Output, Dolby Digital, Rack-Mount (RS-232 control)	2,508.78	
11 52 19 00-0035	EA	Tuner for AM/FM (IR Control)	1,308.72	
11 52 19 00-0036	EA	Rack Mount for VCR	418.13	
11 52 19 00-0037	EA	Rack Mount for Tuner	418.13	
11 52 19 00-0038		**Visualizers And Custom Items** *(11 52 19 00-0001)*		
11 52 19 00-0039	EA	Canon VC-C4 Visualizer With Rotating Camera Head Note: 450+ TV Lines resolution, 8x Zoom lens, built-in switcher with a composite, S-Video, Mic, and sync inputs , Y/C and composite outputs, built-in light base for slides with neg/pos, and RS-232 remote control.	13,112.54	
11 52 19 00-0040		**Cables** *(11 52 19 00-0001)*		
11 52 19 00-0041	MLF	Low Cap Control (22 AWG pair) And Power (18 AWG pair) in Plenum Cable $/per 1,000 ft. (2 control And 2 power connectors needed)	4,264.91	
11 52 19 00-0042	MLF	Broadcast Audio Cable (22 gauge/4-conductor)	518.49	
11 52 19 00-0043	MLF	Broadcast Speaker Cable (22 gauge/2-conductor)	961.68	
11 52 19 00-0044	MLF	Mini High Resolution RGBHV Plenum Cable	12,543.88	
11 52 19 00-0045	MLF	Miscellaneous Cables Connectors And Hardware (to be verified after on site visit)	2,772.20	
11 52 19 00-0046		**Mixers** *(11 52 19 00-0001)*		
11 52 19 00-0047	EA	Audio Mixer 4 Input Auto Mixer	2,737.86	
11 52 19 00-0048		**AV Wireless Microphone** *(11 52 19 00-0001)*		
11 52 19 00-0049	EA	Wireless Microphone, UHF, Multi Channel with Hand Held Microphone, Rack Mount Kit	2,861.94	
11 52 19 00-0050	EA	Wireless Microphone, UHF, Multi Channel with Lavaliere Microphone, Rack Mount Kit	2,982.01	
11 52 19 00-0051		**Videoconference Equipment** *(11 52 19 00-0001)*		
11 52 19 00-0052	EA	Canon Remote Control Color Camera with pan/tilt zoom control via RS-232	5,879.99	
11 52 19 00-0053	EA	Canon Remote Control Color Camera with pan/tilt zoom control via RS-232. LAN Output	7,204.88	
11 52 19 00-0054		**Command View Display Wall** *(11 52 19)* Note: Includes Installation, Freight, and Shipping. STANDARD FEATURES: Patented "Seamless" Screen Retention System; Heavy Wall Aluminum and Sheet Metal Stackable Structure; Single Element Acrylic Screen (Fresnel Lenticular or Diffusion); Hinged Lower Enclosure Panels for Projector Access; Mobile Universal Projector Cart with Micro Adjustment for Image Fine Tuning (Single and Double High); Durable High Pressure External Panel Finish, per Standard Offerings; PowerTrak Powered Lift Mechanism for Double High, Triple High, and Quad High Screen Matrices where applicable); Horizontal and Vertical Light Baffles Between All Adjacent Screens; Wilsonart Black laminate 1595-60 internal panel finish.		
11 52 19 00-0055		**4/3 Ratio Projection Screen** *(11 52 19 00-0054)* Note: Command view fresnel lenticular screens.		
11 52 19 00-0056	EA	110" 4/3 Ratio Fresnel Lenticular Projection Screen (88"W x 66"H)	23,904.48	
11 52 19 00-0057		**Mirror Assemblies** *(11 52 19 00-0054)*		
11 52 19 00-0058	EA	90" to 124" 1st Surface Mirror Assembly	7,014.98	
11 52 19 00-0059		**Free Standing System** *(11 52 19 00-0054)* Note: Includes projector rack, screen rack, upper, lower, top and rear enclosure panels. Command view single high, free standing modules.		
11 52 19 00-0060	EA	110" Single High Free Standing Module	19,996.86	
11 52 19 00-0061	EA	Shared Posts Credit For Single High Free Standing Module	-2,273.55	
11 52 19 00-0062		**Equipment Support Solutions** *(11 52 19 00-0054)* Note: Command view projector support solutions.		
11 52 19 00-0063	EA	Single Level Mobile Universal Projector Cart (Folded Optic Applications Only) - One Cart Per Projector	2,414.22	
11 52 19 00-0064		**Contractor Furnished Equipment** *(11 52 19)*		
11 52 19 00-0065	EA	Cisco Supervisor III Module, pn WS-X5530-E3A	28,608.30	
11 52 19 00-0066	EA	Cisco Uplink Module, pn WS-U5538-FEFX-MMF	9,853.97	
11 52 19 00-0067	EA	Cisco Switch - 36 Ports 10/100 TX, pn WS-X5239-RJ21-RF	14,622.02	

11 60 Entertainment and Recreation Equipment *(11)*

11 68 Play Field Equipment and Structures *(11 60)*

11 68 13 Playground Equipment *(11 68)*

See CSI section 32 31 13 13-0001 for augering holes and fill for posts.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0001		**Playground Equipment (Playground Boss)** *(11 68 13)* Note: All demolition/ dismantling of the existing playground structure, removal of existing surfacing, removal of existing footings, and removal/ dismantling of existing safety sign (s). All installation of new playground structure, surfacing, footings (per manufacturer`s instructions), and safety sign. Includes: All necessary preparation of existing surface for new playground structure to include: grading the area flat, removal of all asphalt, concrete, and other such debris from the site prior to installation. Layout of the actual footprint of the play structure. Surfacing material must be poured in place. Per manufacturers recommendations. Installation and demolition include all necessary equipment and tools. Footings for components that require a footing (vertical post, slide foot, climbers, etc.) are to be 12"x12"x18" Concrete for footings mush have a minimum rating of 2,500 PSI and must be mixed per manufacturers recommendations.		
11 68 13 00-0002	EA	Playground System "Simon Says" And Safety Sign (Playground Boss PGB-20210) Note: 30'-6" x 25'-6" Area, 8 Play Activities, 30 Child Capacity. Simon Says include an ADA Transfer Station, Sea Creatures Climber, or the Wing Climber. A Crawl Tunnel connects the two Elevated Decks, one with a Right Turn Slide and one with a Double Slide. Ground-level play is encouraged with a Racing Game Panel and Rain Wheel. See CSI section 11 68 13 00-0008 for poured surfacing material.	21,142.71	
11 68 13 00-0003	EA	Playground System "Made In The Shade" And Safety Sign (Playground Boss PGB-20238) Note: 30'-0" x 31'-0" Area, 9 Play Activities, 32 Child Capacity. Made In The Shade includes three different climbers or ADA Transfer Station, the large Square Shade will be protecting them from the sun's rays as they play on the Activity Panels before sliding down the Straight Slide. The Store Panel and Rain Wheel that are both located on the ground are also covered by the Square Shade. See CSI section 11 68 13 00-0008 for poured surfacing material.	28,465.06	
11 68 13 00-0004	EA	Playground System "The Gorilla" And Safety Sign (Playground Boss PGB-20232) Note: 36'-0" x 31'-0" Area, 10 Play Activities, 40 Child Capacity. The gorilla includes an ADA Transfer Station, Rock Climber, Curly Climber, and an Invert Arch Climber, kids will have many options of accessing one of the two Elevated Decks. One of these decks is covered by a Hex Shade and has a Window Panel, along with two separate Straight Slides. The third Straight Slide branches off of the other Elevated Deck. These decks are connected by a Crawl Tunnel, allowing for easy and fun access to the other side. On the ground, kids have the option to rest or take turns playing games on either the Single Seat or Bench Panel. See CSI section 11 68 13 00-0008 for poured surfacing material.	42,218.10	
11 68 13 00-0005	EA	Playground System "Fun Factory" And Safety Sign (Playground Boss PGB-20209) Note: 35'-5" x 34'-4" Area, 9 Play Activities, 48 Child Capacity. The Fun Factory is able to have three slides, a Leaf Climber, Pod Climber, ADA Transfer Station, and various Activity Panels in one modest sized play structure. The majority of the playground is protected by a Hex Shade. See CSI section 11 68 13 00-0008 for poured surfacing material.	43,398.69	
11 68 13 00-0006	EA	Playground System "Red Rover" And Safety Sign (Playground Boss PGB-20236) Note: 43'-0" x 35'-0" Area, 14 Play Activities, 53 Child Capacity. Red Rover includes a shorter deck home to an ADA Transfer Station, Challenge Ladder, and a short Right Turn Slide. An Ocean Wave Climber connects this section to the larger section. Here, kids will find a Single Straight Slide, Double Straight Slide, Tic-Tac-Toe, A Crawl Tunnel, Loop Climber, and and Inverted Arch Climber. See CSI section 11 68 13 00-0008 for poured surfacing material.	44,074.28	
11 68 13 00-0007	EA	Playground System "Big Sky" And Safety Sign (Playground Boss PGBNL-32470) Note: 49'-1" x 44'-6" Area, 18 Play Activities, 32-45 Child Capacity See CSI section 11 68 13 00-0008 for poured surfacing material.	70,239.22	
11 68 13 00-0008	SF	3" of poured in place rubber surfacing 50/50 blend of blue black and Includes up to 4 sub-base compacted to 95% (Playground Boss) Note: Includes preparation of existing surface for new playground structure, grading the area flat, removal of all asphalt, concrete, and other such debris from the site prior to installation.	44.25	
11 68 13 00-0009		**Playground Equipment (Landscape Structures®)** *(11 68 13)* Note: Excludes excavation and concrete footings.		
11 68 13 00-0010		**Playground Equipment (Landscape Structures® PlayShaper®)** *(11 68 13 00-0009)* Note: Ages 2 to 5 years.		
11 68 13 00-0011	EA	El Slide, 32" Deck (Landscape Structures® PlayShaper® 111323A)	3,024.97	143.46
11 68 13 00-0012	EA	SpyroSlide, 56" Height, 48" Deck (Landscape Structures® PlayShaper® 143480A)	7,683.18	537.98
11 68 13 00-0013	EA	Tunnel Slide, 40" Deck (Landscape Structures® PlayShaper® 128952A)	3,152.85	143.46
11 68 13 00-0014	EA	Double Wave Poly Slide, 48" Deck (Landscape Structures® PlayShaper® 123336A)	3,610.35	215.19
11 68 13 00-0015	EA	Double Swirl Slide, 48" Deck (Landscape Structures® PlayShaper® 130798A)	3,071.45	215.19
11 68 13 00-0016	EA	Double Poly Slide, 32" Deck (Landscape Structures® PlayShaper® 132155A)	2,431.26	143.46
11 68 13 00-0017	EA	Double Poly Slide, 40" To 48" Deck (Landscape Structures® PlayShaper® 132155B)	2,696.15	143.46
11 68 13 00-0018	EA	Lava Run Slide, 30" Or 32" Deck (Landscape Structures® PlayShaper® 137967A)	2,075.03	143.46
11 68 13 00-0019	EA	32" Deck, Gemini SlideWinder2 (Landscape Structures® PlayShaper® 133426A)	5,896.28	430.39
11 68 13 00-0020	EA	40" Deck, Gemini SlideWinder2 (Landscape Structures® PlayShaper® 133426B)	6,791.41	430.39
11 68 13 00-0021	EA	48" Deck, Gemini SlideWinder2 (Landscape Structures® PlayShaper® 133426C)	7,312.05	430.39
11 68 13 00-0022	EA	Curved Poly Slide, 40" Deck (Landscape Structures® PlayShaper® 123339A)	2,074.23	71.73
11 68 13 00-0023	EA	Single Poly Slide, 40" Deck (Landscape Structures® PlayShaper® 133668A)	2,120.70	143.46
11 68 13 00-0024	EA	32" Deck, SlideWinder2 (Landscape Structures® PlayShaper® 132117A)	2,815.70	215.19
11 68 13 00-0025	EA	40" Deck, SlideWinder2 (Landscape Structures® PlayShaper® 132117B)	3,135.39	215.19
11 68 13 00-0026	EA	48" Deck, SlideWinder2 (Landscape Structures® PlayShaper® 132117C)	3,491.61	215.19
11 68 13 00-0027	EA	Critter Canyon Climber, 30" Or 32" Deck (Landscape Structures® PlayShaper® 137966A)	2,020.23	143.46
11 68 13 00-0028	EA	Thunderhead Climber, 48" Deck-To-Ground (Landscape Structures® PlayShaper® 139911A)	8,437.15	573.84
11 68 13 00-0029	EA	Step Deck Climber, 16" Deck (Landscape Structures® PlayShaper® 119981A)	1,189.04	143.46
11 68 13 00-0030	EA	Loop Ladder Climber, 40" Or 48" Deck (Landscape Structures® PlayShaper® 111364A)	1,243.03	71.73
11 68 13 00-0031	EA	Loop Arch Climber, 32" - 48" Deck (Landscape Structures® PlayShaper® 139262A)	1,886.66	179.32
11 68 13 00-0032	EA	32" Deck, Block Climber (Landscape Structures® PlayShaper® 135547A)	2,921.14	251.05
11 68 13 00-0033	EA	40" Deck, Block Climber (Landscape Structures® PlayShaper® 135547B)	3,405.24	251.05
11 68 13 00-0034	EA	32" - 40" Deck, Cozy Climber (Landscape Structures® PlayShaper® 132023A)	3,161.98	143.46
11 68 13 00-0035	EA	48" Deck, Cozy Climber (Landscape Structures® PlayShaper® 132023B)	3,399.46	143.46
11 68 13 00-0036	EA	1-Step, With Permalene Barriers, Deck Links (Landscape Structures® PlayShaper® 153021A)	1,563.53	143.46
11 68 13 00-0037	EA	2-Steps, With Permalene Barriers, Deck Links (Landscape Structures® PlayShaper® 153021B)	1,819.28	143.46
11 68 13 00-0038	EA	16" Deck, Pod Climber (Landscape Structures® PlayShaper® 135346A)	811.25	59.78
11 68 13 00-0039	EA	24" Deck, Pod Climber (Landscape Structures® PlayShaper® 135346B)	1,503.75	107.60
11 68 13 00-0040	EA	32" Deck, Pod Climber (Landscape Structures® PlayShaper® 135346C)	2,293.38	274.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0041	EA	40" Deck, Pod Climber (Landscape Structures® PlayShaper® 135346D)	2,695.27	274.96
11 68 13 00-0042	EA	32" Deck, Step Ladder (Landscape Structures® PlayShaper® 111327A)	2,394.72	143.46
11 68 13 00-0043	EA	40" Deck, Step Ladder (Landscape Structures® PlayShaper® 111327B)	5,211.78	143.46
11 68 13 00-0044	EA	48" Deck, Step Ladder (Landscape Structures® PlayShaper® 111327C)	3,536.47	143.46
11 68 13 00-0045	EA	32" Deck, Wiggle Ladder (Landscape Structures® PlayShaper® 123284A)	1,135.44	179.32
11 68 13 00-0046	EA	40" Deck, Wiggle Ladder (Landscape Structures® PlayShaper® 123284B)	1,166.61	179.32
11 68 13 00-0047	EA	48" Deck, Wiggle Ladder (Landscape Structures® PlayShaper® 123284C)	1,220.81	179.32
11 68 13 00-0048	EA	Overhead Events Horizontal Ladder, 16" Deck (Landscape Structures® PlayShaper® 129967A)	1,201.53	35.86
11 68 13 00-0049	EA	Overhead Events Horizontal Ladder End Panel, Without Posts (Landscape Structures® PlayShaper® 129968A)	443.41	35.86
11 68 13 00-0050	EA	Conical Climber, 40" Deck (Landscape Structures® PlayShaper® 143200A)	4,311.04	251.05
11 68 13 00-0051	EA	ABC Climber, 32" - 48" Deck (Landscape Structures® PlayShaper® 152432A)	2,262.27	179.32
11 68 13 00-0052	EA	Mini Summit Climber, 40" And 48" Decks (Landscape Structures® PlayShaper® 153077A)	1,370.25	59.78
11 68 13 00-0053	EA	Arch Bridge, 42" Long (Landscape Structures® PlayShaper® 111348A)	2,695.34	71.73
11 68 13 00-0054	EA	Phase Kit (Landscape Structures® PlayShaper® 116098A)	382.65	45.19
11 68 13 00-0055	EA	Belt Bridge With Permalene Barriers, 42" Long (Landscape Structures® PlayShaper® 131956A)	2,092.49	71.73
11 68 13 00-0056	EA	8" Deck-To-Ground, Ramp Exit Plate (Landscape Structures® PlayShaper® 111413A)	846.10	107.60
11 68 13 00-0057	EA	16" - 48" Decks To Ground, Ramp Exit Plate (Landscape Structures® PlayShaper® 138405A)	1,637.92	107.60
11 68 13 00-0058	EA	Deck-To-Deck Ramp With Permalene Barrier And Handrail, Excludes Posts (Landscape Structures® PlayShaper® 132828A)	5,812.46	286.92
11 68 13 00-0059	EA	Deck-To-Ground Ramp With Permalene Barrier And Handrail, Excludes Posts (Landscape Structures® PlayShaper® 132844A)	5,812.46	286.92
11 68 13 00-0060	EA	Wire Crawl Tunnel (Landscape Structures® PlayShaper® 118099A)	2,650.48	143.46
11 68 13 00-0061	EA	Offset Crawl Tunnel, 8" Deck Height Difference (Landscape Structures® PlayShaper® 139268A)	1,992.83	143.46
11 68 13 00-0062	EA	28" Long, Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 128953A)	2,028.56	71.73
11 68 13 00-0063	EA	56" Long, Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 128953B)	2,622.27	71.73
11 68 13 00-0064	EA	90 Degree Curved Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 115409C)	2,906.23	143.46
11 68 13 00-0065	EA	C-Straight Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 118097A)	4,798.58	286.92
11 68 13 00-0066	EA	S-Straight Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 118097B)	4,798.58	286.92
11 68 13 00-0067	EA	C-Inclined Crawl Tunnels With Entrance Panels, 16" Deck Height Difference (Landscape Structures® PlayShaper® 118098A)	4,798.58	286.92
11 68 13 00-0068	EA	S-Inclined Crawl Tunnels With Entrance Panels, 16" Deck Height Difference (Landscape Structures® PlayShaper® 118098B)	4,798.58	286.92
11 68 13 00-0069	EA	Bubble Panel, Enclosure (Landscape Structures® PlayShaper® 111282A)	918.38	35.86
11 68 13 00-0070	EA	Ball Maze Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111300A)	1,399.99	23.91
11 68 13 00-0071	EA	Chimes Panel, Enclosure (Landscape Structures® PlayShaper® 113211A)	1,619.21	23.91
11 68 13 00-0072	EA	Braille And Clock Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 123845A)	1,765.35	23.91
11 68 13 00-0073	EA	Driver Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111288A)	964.05	35.86
11 68 13 00-0074	EA	Finger Maze Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111289A)	760.61	23.91
11 68 13 00-0075	EA	Gear Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 117147A)	2,212.92	23.91
11 68 13 00-0076	EA	Hole Panel, Enclosure (Landscape Structures® PlayShaper® 111284A)	605.33	23.91
11 68 13 00-0077	EA	House Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111299A)	717.43	35.86
11 68 13 00-0078	EA	Hourglass Panel, Enclosure (Landscape Structures® PlayShaper® 124333A)	1,884.09	23.91
11 68 13 00-0079	EA	Match 4 Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 127684A)	1,183.26	35.86
11 68 13 00-0080	EA	Image Panel, 176 Play Blocks, Enclosure (Landscape Structures® PlayShaper® 127685A)	1,644.93	71.73
11 68 13 00-0081	EA	Math Panel, Enclosure, Red Discs Only (Landscape Structures® PlayShaper® 111294A)	1,761.18	59.78
11 68 13 00-0082	EA	Sand And Water Panel, Enclosure (Ground Level Only), Tan Dish Only (Landscape Structures® PlayShaper® 111297A)	1,704.70	107.60
11 68 13 00-0083	EA	Mirror Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111298A)	1,226.44	23.91
11 68 13 00-0084	EA	Periscope Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 118429A)	1,831.78	35.86
11 68 13 00-0085	EA	Pilot Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 119515A)	1,256.33	35.86
11 68 13 00-0086	EA	Slant Window Panel, Enclosure (Landscape Structures® PlayShaper® 111281A)	1,608.39	71.73
11 68 13 00-0087	EA	Storefront Panel, Enclosure (Ground Level Only) (Landscape Structures® PlayShaper® 144984A)	553.02	35.86
11 68 13 00-0088	EA	Spelling Panel, Enclosure, Red Discs Only (Landscape Structures® PlayShaper® 111295A)	1,697.24	59.78
11 68 13 00-0089	EA	Slant Entrance Panel, Enclosure (Ground Level Only) (Landscape Structures® PlayShaper® 111387A)	1,309.46	95.64
11 68 13 00-0090	EA	Space Travel Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 123484A)	1,573.54	23.91
11 68 13 00-0091	EA	Puppet Panel, Enclosure (Landscape Structures® PlayShaper® 111285A)	605.33	23.91
11 68 13 00-0092	EA	Puppet Panel With Window, Enclosure (Landscape Structures® PlayShaper® 111286A)	836.17	35.86
11 68 13 00-0093	EA	Zoo Panel, Enclosure (Landscape Structures® PlayShaper® 111287A)	605.33	23.91
11 68 13 00-0094	EA	Tracing Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111290A)	778.88	23.91
11 68 13 00-0095	EA	Table Panel, Enclosure (Ground Level Only) (Landscape Structures® PlayShaper® 111292A)	1,485.48	107.60
11 68 13 00-0096	EA	Tic-Tac-Toe Panel, Enclosure (Landscape Structures® PlayShaper® 111293A)	1,603.43	35.86
11 68 13 00-0097	EA	Bead And Block Panel Without Handles, Enclosure (Landscape Structures® PlayShaper® 111370A)	1,219.80	35.86
11 68 13 00-0098	EA	2 Benches, 2 End Panels (Ground Level Only) (Landscape Structures® PlayShaper® 116120A)	1,176.61	59.78
11 68 13 00-0099	EA	1 Bench, 2 End Panels (Ground Level Only) (Landscape Structures® PlayShaper® 138185A)	683.37	59.78
11 68 13 00-0100	EA	1 Bench, 1 End Panel (Ground Level Only) (Landscape Structures® PlayShaper® 138299A)	598.69	35.86
11 68 13 00-0101	EA	Balcony Deck, Brown Tenderdeck Only (Landscape Structures® PlayShaper® 139260A)	1,659.03	107.60
11 68 13 00-0102	EA	Balcony Deck With Wheel, Brown Tenderdeck Only (Landscape Structures® PlayShaper® 139260B)	1,923.91	107.60
11 68 13 00-0103	EA	Trail Tracker Reach Panel (2-Color Permalene) (Landscape Structures® PlayShaper® 139264A)	550.53	23.91
11 68 13 00-0104	EA	Navigator Reach Panel (2-Color Permalene) (Landscape Structures® PlayShaper® 139266A)	769.74	23.91
11 68 13 00-0105	EA	Curb, Accessible Reach Panel (Landscape Structures® PlayShaper® 128623A)	161.42	23.91
11 68 13 00-0106	EA	Long Wire Barrier (For 90 Degree Tri-Deck) (Landscape Structures® PlayShaper® 117945A)	890.97	35.86
11 68 13 00-0107	EA	Long Wire Barrier With Wheel (For 90 Degree Tri-Deck) (Landscape Structures® PlayShaper® 117945B)	1,185.74	59.78
11 68 13 00-0108	EA	Short Wire Barrier (Square, Corner And Extension Decks) (Landscape Structures® PlayShaper® 117946A)	683.37	59.78
11 68 13 00-0109	EA	Short Wire Barrier With Wheel (Square, Corner And Extension Decks) (Landscape Structures® PlayShaper® 117946B)	948.26	59.78
11 68 13 00-0110	EA	Chinning Bar Without Post (Landscape Structures® PlayShaper® 139272A)	157.77	23.91
11 68 13 00-0111	EA	Steering Wheel (Landscape Structures® PlayShaper® 111306A)	294.78	23.91
11 68 13 00-0112	EA	Steering Wheel With Infill Panel (Landscape Structures® PlayShaper® 111306B)	395.25	23.91
11 68 13 00-0113	EA	Handloop (Landscape Structures® PlayShaper® 119977A)	230.84	23.91
11 68 13 00-0114	EA	Ground Level, Talk Tubes, Attaches Next To 40" To 48" Deck Only, One Only (Landscape Structures® PlayShaper® 115198A)	626.09	35.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0115	EA	16" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198B)	644.36	35.86
11 68 13 00-0116	EA	24" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198C)	653.49	35.86
11 68 13 00-0117	EA	32" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198D)	671.76	35.86
11 68 13 00-0118	EA	40" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198E)	680.89	35.86
11 68 13 00-0119	EA	48" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198F)	699.16	35.86
11 68 13 00-0120	EA	Talk Tube Tubing Kit (Landscape Structures® PlayShaper® 111362A) Note: Order one talk tube tubing kit with two talk tubes (any height listed).	614.40	215.19
11 68 13 00-0121	EA	Arch Roof (Landscape Structures® PlayShaper® 111407A)	950.74	71.73
11 68 13 00-0122	EA	Square Poly Roof With Logo Panels (Landscape Structures® PlayShaper® 118110A)	1,782.75	143.46
11 68 13 00-0123	EA	Square Peak Tile Roof With Logo Panels (Landscape Structures® PlayShaper® 129816A)	1,974.56	143.46
11 68 13 00-0124	EA	Super-Square Shingle Roof With Permalene Roof Cap (Landscape Structures® PlayShaper® 130102A)	4,075.38	143.46
11 68 13 00-0125	EA	Super-Square Shingle Roof With Poly Roof Cap (Landscape Structures® PlayShaper® 130102B)	4,733.03	143.46
11 68 13 00-0126	EA	Square Tenderdeck, Brown Only (Landscape Structures® PlayShaper® 111237A)	1,030.46	59.78
11 68 13 00-0127	EA	Square Tenderdeck, Corner, Brown Only (Landscape Structures® PlayShaper® 111238A)	984.79	59.78
11 68 13 00-0128	EA	Square Tenderdeck, Extension, Brown Only (Landscape Structures® PlayShaper® 111239A)	1,003.06	59.78
11 68 13 00-0129	EA	90 Degree Triangular Tenderdeck, Brown Only (Landscape Structures® PlayShaper® 117495A)	808.77	35.86
11 68 13 00-0130	EA	Transfer Stations With Two Handbars (Landscape Structures® PlayShaper® 126205A)	1,637.41	215.19
11 68 13 00-0131	EA	Transfer Stations With One Handbar (Landscape Structures® PlayShaper® 126205B)	1,500.40	215.19
11 68 13 00-0132	EA	Transfer Stations No Handbars (Landscape Structures® PlayShaper® 126205C)	1,381.66	215.19
11 68 13 00-0133	EA	Curb For 90 Degree Tri-Deck (Landscape Structures® PlayShaper® 139083A)	194.30	23.91
11 68 13 00-0134	EA	8" Rise, Kick Plates, Brown Only (Landscape Structures® PlayShaper® 121948A)	172.38	23.91
11 68 13 00-0135	EA	16" Rise, Kick Plates, Brown Only (Landscape Structures® PlayShaper® 121948B)	249.11	23.91
11 68 13 00-0136	EA	8" Rise, 90 Degree Tri-Deck, Kick Plates, Brown Only (Landscape Structures® PlayShaper® 121949A)	208.92	23.91
11 68 13 00-0137	EA	16" Rise, 90 Degree Tri-Deck, Kick Plates, Brown Only (Landscape Structures® PlayShaper® 121949B)	303.91	23.91
11 68 13 00-0138	EA	To 32" Deck, Curved Transfer Module, Right Or Left Step (Landscape Structures® PlayShaper® 153020A)	3,072.26	286.92
11 68 13 00-0139	EA	To 40" Deck, Curved Transfer Module, Right Or Left Step (Landscape Structures® PlayShaper® 153020B)	3,501.55	286.92
11 68 13 00-0140	EA	To 48" Deck, Curved Transfer Module, Right Or Left Step (Landscape Structures® PlayShaper® 153020C)	3,684.23	286.92
11 68 13 00-0141	EA	56"/SpyroSlide, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399A)	1,836.74	71.73
11 68 13 00-0142	EA	48" Deck, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399B)	1,800.21	71.73
11 68 13 00-0143	EA	40" Deck, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399C)	1,781.94	71.73
11 68 13 00-0144	EA	32" Deck, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399D)	1,754.54	71.73
11 68 13 00-0145	EA	24" Deck, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399E)	1,727.13	71.73
11 68 13 00-0146	EA	16" Deck, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399F)	1,708.87	71.73
11 68 13 00-0147	EA	8" Deck, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399G)	1,690.60	71.73
11 68 13 00-0148	EA	Ground Level, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399H)	1,672.33	71.73
11 68 13 00-0149	EA	82"/48" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398A)	416.01	35.86
11 68 13 00-0150	EA	74"/40" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398B)	397.74	35.86
11 68 13 00-0151	EA	66"/32" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398C)	370.34	35.86
11 68 13 00-0152	EA	58"/24" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398D)	361.20	35.86
11 68 13 00-0153	EA	50"/16" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398E)	352.07	35.86
11 68 13 00-0154	EA	42"/8" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398F)	342.93	35.86
11 68 13 00-0155	EA	128"/SpyroSlide/SlideWinder2 Off 48" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397A)	778.81	215.19
11 68 13 00-0156	EA	114"/48" Deck/SlideWinder2 Off 40" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397B)	742.28	215.19
11 68 13 00-0157	EA	106"/40" Deck/SlideWinder2 Off 32" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397C)	733.14	215.19
11 68 13 00-0158	EA	98"/32" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397D)	425.14	35.86
11 68 13 00-0159	EA	90"/24" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397E)	416.01	35.86
11 68 13 00-0160	EA	82"/16" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397F)	397.74	35.86
11 68 13 00-0161	EA	74"/8" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397G)	370.34	35.86
11 68 13 00-0162	EA	69"/Ground Level, Post For Decks (Landscape Structures® PlayShaper® 111397H)	361.20	35.86
11 68 13 00-0163	EA	145"/SpyroSlide, Post For Roofs (Landscape Structures® PlayShaper® 111396A)	489.08	35.86
11 68 13 00-0164	EA	137"/48" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396B)	479.94	35.86
11 68 13 00-0165	EA	129"/40" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396C)	452.54	35.86
11 68 13 00-0166	EA	121"/32" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396D)	443.41	35.86
11 68 13 00-0167	EA	113"/24" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396E)	434.27	35.86
11 68 13 00-0168	EA	105"/16" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396F)	416.01	35.86
11 68 13 00-0169	EA	97"/8" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396G)	397.74	35.86
11 68 13 00-0170	EA	89"/Ground Level, Post For Roofs (Landscape Structures® PlayShaper® 111396H)	370.34	35.86
11 68 13 00-0171	EA	Learning Wall Arch For 10" Panel Height, With Logo Panel (For Roof Only) (Landscape Structures® PlayShaper® 115208A)	2,773.04	243.57
11 68 13 00-0172	EA	Learning Wall Arch For 1" Panel Height, With Logo Panel (For Roof Only) (Landscape Structures® PlayShaper® 115208B)	2,736.82	240.43
11 68 13 00-0173	EA	Learning Wall Arch For 10" Panel Height Without Logo Panel (For Roof Only) (Landscape Structures® PlayShaper® 115208C)	2,229.36	195.89
11 68 13 00-0174	EA	Learning Wall Arch For 1" Panel Height Without Logo Panel (For Roof Only) (Landscape Structures® PlayShaper® 115208D)	2,193.03	192.63
11 68 13 00-0175	EA	Learning Wall Post For 10" Panel Height (Landscape Structures® PlayShaper® 115201A)	453.10	39.81
11 68 13 00-0176	EA	Learning Wall Post For 1" Panel Height (Landscape Structures® PlayShaper® 115201B)	434.98	38.24
11 68 13 00-0177	EA	Learning Wall Post For Poly Roof With 10" Panel Height (Landscape Structures® PlayShaper® 115203A)	492.97	43.28
11 68 13 00-0178	EA	Learning Wall Post For Poly Roof With 1" Panel Height (Landscape Structures® PlayShaper® 115203B)	471.23	41.38
11 68 13 00-0179	EA	The Peak Natural Climber, 40" Deck (Landscape Structures® PlayShaper® 160423A)	8,973.63	358.65
11 68 13 00-0180	EA	The Stepper Natural Climbing Stone, 24" Deck (Landscape Structures® PlayShaper® 160424A)	4,779.51	215.19

11 68 13 00-0181 Playground Equipment (Landscape Structures® Independent Pieces) *(11 68 13 00-0009)*

11 68 13 00-0182	EA	9-Blocks, Block Climber (Landscape Structures® 117966A)	3,913.39	358.65
11 68 13 00-0183	EA	12-Blocks, Block Climber (Landscape Structures® 117966B)	4,415.76	358.65
11 68 13 00-0184	EA	116-Blocks, Block Climber (Landscape Structures® 117966C)	5,421.31	430.39
11 68 13 00-0185	EA	Spider Web Climber, CableCore Climbing Cable (Direct Bury Only) (Landscape Structures® 136159A)	4,058.73	286.92
11 68 13 00-0186	EA	6-Panels, Cascade Climber (Direct Bury Only) (Landscape Structures® 150976A)	6,525.44	478.20
11 68 13 00-0187	EA	4-Panels, Cascade Climber (Direct Bury Only) (Landscape Structures® 150977A)	4,514.62	215.19
11 68 13 00-0188	EA	Star Seeker Climber, Net Climber (Direct Bury Only) (Landscape Structures® 148041A)	12,082.42	645.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0189	EA	Funnel Climber, Net Climber With 2 Vertical Ladders, (6) Aluminum Posts (Landscape Structures® 144477A)	10,856.04	430.39
11 68 13 00-0190	EA	Funnel Climber, Net Climber Without Vertical Ladders, (4) Aluminum Posts (Landscape Structures® 144477B)	7,996.29	358.65
11 68 13 00-0191	EA	Funnel Climber, Net Climber With 1 Vertical Ladder, (5) Aluminum Posts (Landscape Structures® 144477C)	9,426.16	394.51
11 68 13 00-0192	EA	Funnel Climber, Net Climber With 3 Vertical Ladders, (7) Aluminum Posts (Landscape Structures® 144477D)	12,285.92	466.25
11 68 13 00-0193	EA	Funnel Climber, Net Climber With 4 Vertical Ladders, (8) Aluminum Posts (Landscape Structures® 144477E)	13,715.79	502.11
11 68 13 00-0194	EA	Funnel Climber, Net Climber With 2 Vertical Ladders, (6) Steel Posts (Landscape Structures® 144477F)	10,582.02	430.39
11 68 13 00-0195	EA	Funnel Climber, Net Climber Without Vertical Ladders, (4) Steel Posts (Landscape Structures® 144477G)	7,813.61	358.65
11 68 13 00-0196	EA	Funnel Climber, Net Climber With 1 Vertical Ladder, (5) Steel Posts (Landscape Structures® 144477H)	9,197.81	394.51
11 68 13 00-0197	EA	Funnel Climber, Net Climber With 3 Vertical Ladders, (7) Steel Posts (Landscape Structures® 144477I)	11,966.23	466.25
11 68 13 00-0198	EA	Funnel Climber, Net Climber With 4 Vertical Ladders, (8) Steel Posts (Landscape Structures® 144477J)	13,350.43	502.11
11 68 13 00-0199	EA	8", Pod Climber, One Pod Only (Landscape Structures® 120710A)	445.89	59.78
11 68 13 00-0200	EA	16", Pod Climber, One Pod Only (Landscape Structures® 120711A)	455.02	59.78
11 68 13 00-0201	EA	24", Pod Climber, One Pod Only (Landscape Structures® 120712A)	464.15	59.78
11 68 13 00-0202	EA	30", Pod Climber, One Pod Only (Landscape Structures® 120713A)	473.29	59.78
11 68 13 00-0203	EA	Track Ride Curved (Landscape Structures® 118093A)	4,413.34	143.46
11 68 13 00-0204	EA	18' Curved Track Ride, Aluminum Posts, (Direct Bury Only) (Landscape Structures® 121874A)	6,745.74	430.39
11 68 13 00-0205	EA	18' Curved Track Ride, Steel Posts, (Direct Bury Only) (Landscape Structures® 121874B)	6,563.06	430.39
11 68 13 00-0206	EA	10' Straight Track Ride, Aluminum Posts, (Direct Bury Only) (Landscape Structures® 121648A)	5,686.20	430.39
11 68 13 00-0207	EA	10' Straight Track Ride, Steel Posts, (Direct Bury Only) (Landscape Structures® 121648B)	5,320.84	430.39
11 68 13 00-0208	EA	18' Straight Track Ride, Aluminum Posts, (Direct Bury Only) (Landscape Structures® 121875A)	5,914.55	430.39
11 68 13 00-0209	EA	18' Straight Track Ride, Steel Posts, (Direct Bury Only) (Landscape Structures® 121875B)	5,731.87	430.39
11 68 13 00-0210	EA	Playstructure Seat, TenderTuff-coated Brown (Landscape Structures® 120818A)	567.12	71.73
11 68 13 00-0211	EA	Kids In Motion, Sway Fun Glider, Brown Deck Only (Landscape Structures® 138871A)	20,150.17	860.76
11 68 13 00-0212	EA	CoolToppers Shade System, Full Sail, (Direct Bury Only) (Landscape Structures® 136759A)	17,515.30	1,291.15
11 68 13 00-0213	EA	CoolToppers Shade System, Single Post, (Direct Bury Only) (Landscape Structures® 154397A)	5,926.91	717.30
11 68 13 00-0214	EA	CoolToppers Shade System, Single Post With Cool Mister, (Direct Bury Only) (Landscape Structures® 155071A)	7,146.02	286.92
11 68 13 00-0215	EA	CoolToppers Shade System, Single Post With Cool Mister, (Direct Bury Only) (Landscape Structures® 155072A)	11,608.26	717.30
11 68 13 00-0216	EA	Turtle Sand Table, (2-Color Permalene), (Direct Bury Only) (Landscape Structures® 116568A)	743.15	95.64
11 68 13 00-0217	EA	Straight Crawl Tunnel (Landscape Structures® 100005A)	2,377.26	215.19
11 68 13 00-0218	EA	Curved Crawl Tunnel (Landscape Structures® 100005D)	3,007.51	215.19
11 68 13 00-0219	EA	4' Square, SanDirect Buryoxe (Landscape Structures® 120458A)	669.21	215.19
11 68 13 00-0220	EA	SanDirect Buryoxe, Play Table Only (Landscape Structures® 120894A)	924.96	215.19
11 68 13 00-0221	EA	8' Square, SanDirect Buryoxe Without Play Table (Landscape Structures® 120458B)	1,347.55	430.39
11 68 13 00-0222	EA	8' Square, SanDirect Buryoxe With Play Table, (Direct Bury Only) (Landscape Structures® 120458C)	1,904.72	430.39
11 68 13 00-0223	EA	8' L-Shaped, SanDirect Buryoxe Without Play Table (Landscape Structures® 120458D)	1,347.55	430.39
11 68 13 00-0224	EA	8' L-Shaped, SanDirect Buryoxe With Play Table, (Direct Bury Only) (Landscape Structures® 120458E)	1,904.72	430.39
11 68 13 00-0225	EA	Splash Circuit Sand And Water Station, Direct Bury (Landscape Structures® 126202A)	5,833.96	573.84
11 68 13 00-0226	EA	Splash Circuit Sand And Water Station, Surface Mount (Landscape Structures® 126202B)	5,640.53	430.39
11 68 13 00-0227	EA	Talk Tubes, Complete With (2) 2-3/8" Square Aluminum Posts, Ground Level, (Direct Bury Only) (Landscape Structures® 113931A)	2,606.42	286.92
11 68 13 00-0228	EA	Clear Paint Panel, Surface Mount (Landscape Structures® 112621A)	1,042.08	71.73
11 68 13 00-0229	EA	Clear Paint Panel, Direct Bury (Landscape Structures® 112621B)	919.17	107.60
11 68 13 00-0230	EA	Dino Climber, Direct Bury (Landscape Structures® 100122A)	14,967.96	573.84
11 68 13 00-0231	EA	Dino Climber, Surface Mount (Landscape Structures® 100122B)	15,569.99	502.11
11 68 13 00-0232	EA	Sand Table, (3) Steel Posts, Direct Bury (Landscape Structures® 136233B)	4,215.62	430.39
11 68 13 00-0233	EA	Sand Table, (3) Aluminum Posts, Direct Bury (Landscape Structures® 136233A)	4,316.10	430.39
11 68 13 00-0234	EA	Wiggle Worm Crawl Tunnel With 2-Color Permalene Head (Landscape Structures® 120418A)	5,055.14	358.65
11 68 13 00-0235	EA	Wiggle Worm Crawl Tunnel Without 2-Color Permalene Head (Landscape Structures® 120418B)	3,556.36	286.92
11 68 13 00-0236	EA	Kids In Motion, Saddle Spinner (Landscape Structures® 152179A)	1,517.05	71.73
11 68 13 00-0237	EA	Kids In Motion, Log Roll With Aluminum Posts (Landscape Structures® 100027A)	2,248.58	143.46
11 68 13 00-0238	EA	Kids In Motion, Log Roll, Tan Log Only, (2) Steel Posts (Landscape Structures® 100027B)	2,157.24	143.46
11 68 13 00-0239	EA	Kids In Motion, Spring Pod Bouncer, Sold Individually Per Pod (Landscape Structures® 120876A)	601.16	59.78
11 68 13 00-0240	EA	Kids In Motion, SpringRing Bouncer, (Brown Ring Only, Avail. for Direct Bury Only) (Landscape Structures® 117961A)	8,035.25	573.84
11 68 13 00-0241	EA	Kids In Motion, Spring Platform With Handhold, Brown Platform, Tan Handhold* (Landscape Structures® 125059A)	2,891.19	430.39
11 68 13 00-0242	EA	Kids In Motion, Spring Platform Without Handhold, Brown Platform* (Landscape Structures® 125059B)	2,708.51	430.39
11 68 13 00-0243	EA	Kids In Motion, Spring Platform With Post, Brown Platform, Tan Post* (Landscape Structures® 125059C)	3,384.43	430.39
11 68 13 00-0244	EA	Kids In Motion, Stand-Up Spinner, (Direct Bury Only) (Landscape Structures® 155077A)	2,220.37	71.73
11 68 13 00-0245	EA	Orbiter Spinner, Steel Post, (Avail. for Direct Bury Only (Landscape Structures® 153589A)	3,117.12	215.19
11 68 13 00-0246	EA	Orbiter2 Spinner, Steel Post, (Avail. for Direct Bury Only (Landscape Structures® 154358A)	5,602.37	286.92
11 68 13 00-0247	EA	Orbiter3 Spinner, Steel Post, (Direct Bury Only) (Landscape Structures® 154359A)	8,078.50	358.65
11 68 13 00-0248	EA	Stand-Up Seesaw, Direct Bury (Landscape Structures® 148638A)	3,271.59	143.46
11 68 13 00-0249	EA	Stand-Up Seesaw, Surface Mount (Landscape Structures® 148638B)	2,824.02	143.46
11 68 13 00-0250	EA	2-Seat Seesaw, Direct Bury, Without Color Options On Permalene (Landscape Structures® 148636A)	3,618.68	143.46
11 68 13 00-0251	EA	2-Seat Seesaw, Surface Mount, Without Color Options On Permalene (Landscape Structures® 148636B)	3,125.44	143.46
11 68 13 00-0252	EA	4-Seat Seesaw, Direct Bury, Without Color Options On Permalene (Landscape Structures® 148637A)	4,367.67	143.46
11 68 13 00-0253	EA	4-Seat Seesaw, Surface Mount, Without Color Options On Permalene (Landscape Structures® 148637B)	3,892.70	143.46
11 68 13 00-0254	EA	Seesaw Back Support, With Seat Strap* (Landscape Structures® 148706A)	413.52	23.91
11 68 13 00-0255	EA	Seesaw Back Support, without Seat Strap (Landscape Structures® 148706B)	340.45	23.91
11 68 13 00-0256	EA	Stationary Cycler, SuperScoop, (Direct Bury Only) (Landscape Structures® 123831A)	1,568.51	179.32
11 68 13 00-0257	EA	Stationary Cycler, SuperScoop, Wheelchair-Accessible, Surface Mount (Landscape Structures® 123832A)	1,394.14	107.60
11 68 13 00-0258	EA	Stationary Cycler, SuperScoop, Wheelchair-Accessible, Direct Bury (Landscape Structures® 123832B)	1,458.90	179.32
11 68 13 00-0259	EA	Motorcycle TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100013B)	2,139.78	215.19
11 68 13 00-0260	EA	Motorcycle Back Supports With Seat Strap (Landscape Structures® 123711A)	331.31	23.91
11 68 13 00-0261	EA	Motorcycle Back Supports Without Seat Strap (Landscape Structures® 123711B)	276.51	23.91
11 68 13 00-0262	EA	Turtle TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100014B)	1,805.99	179.32
11 68 13 00-0263	EA	Bird TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100015B)	1,838.36	215.19
11 68 13 00-0264	EA	Horse TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100015B)	1,820.09	215.19
11 68 13 00-0265	EA	Car TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100017B)	2,139.78	215.19
11 68 13 00-0266	EA	RhinoDino TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100123B)	1,787.72	179.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0267	EA	T-Rex TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100124B)	1,820.09	215.19
11 68 13 00-0268	EA	2-Seat Airplane Rider TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 120871A)	2,692.79	251.05
11 68 13 00-0269	EA	2-Seat Airplane Rider TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 120871B)	2,815.70	215.19
11 68 13 00-0270	EA	2-Seat Fire Engine Rider TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 126378A)	2,446.17	251.05
11 68 13 00-0271	EA	2-Seat Fire Engine Rider TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 126378B)	2,559.94	215.19
11 68 13 00-0272	EA	Motorcycle TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100013A)	1,842.53	179.32
11 68 13 00-0273	EA	Turtle TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100014A)	1,499.59	143.46
11 68 13 00-0274	EA	Bird TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100015A)	1,531.97	179.32
11 68 13 00-0275	EA	Horse TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100016A)	1,513.70	179.32
11 68 13 00-0276	EA	Car TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100017A)	1,842.53	179.32
11 68 13 00-0277	EA	RhinoDino TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100123A)	1,490.46	143.46
11 68 13 00-0278	EA	T-Rex TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100124A)	1,513.70	179.32
11 68 13 00-0279	EA	Zebra Whimsy Riders, With Coil Spring, Direct Bury (Landscape Structures® 135534B)	1,888.20	179.32
11 68 13 00-0280	EA	Sea Horse Whimsy Riders, With Coil Spring, Direct Bury (Landscape Structures® 135535B)	2,016.07	179.32
11 68 13 00-0281	EA	Dolphin Whimsy Riders, With Coil Spring, Direct Bury (Landscape Structures® 135536B)	1,924.73	179.32
11 68 13 00-0282	EA	Zebra Whimsy Riders, With Coil Spring, Surface Mount (Landscape Structures® 135534A)	1,600.07	143.46
11 68 13 00-0283	EA	Sea Horse Whimsy Riders, With Coil Spring, Surface Mount (Landscape Structures® 135535A)	1,718.81	143.46
11 68 13 00-0284	EA	Dolphin Whimsy Riders, With Coil Spring, Surface Mount (Landscape Structures® 135536A)	1,636.60	143.46
11 68 13 00-0285	EA	SpyroSlide, Poly, 72" Deck (Landscape Structures® 115366A)	11,728.62	860.76
11 68 13 00-0286	EA	40" Poly Slide, 40" Deck (Landscape Structures® 100046A)	6,251.70	358.65
11 68 13 00-0287	EA	Wave Poly Slide, 72" Deck (Landscape Structures® 100046C)	7,548.72	358.65
11 68 13 00-0288	EA	Fire Engine, Colors As Shown Only, (Direct Bury Only) (Landscape Structures® 148640A)	22,960.78	1,434.60
11 68 13 00-0289	EA	Double Humpty Climber (Direct Bury Only) (Landscape Structures® 100037A)	3,949.12	286.92
11 68 13 00-0290	EA	Single Humpty Climber (Direct Bury Only) (Landscape Structures® 100037B)	2,176.32	215.19
11 68 13 00-0291	EA	12-Panel, Mobius Climber (Direct Bury Only) (Landscape Structures® 150638A)	43,238.82	2,295.37
11 68 13 00-0292	EA	7-Panel, Mobius Climber (Direct Bury Only) (Landscape Structures® 150637A)	23,895.68	1,721.52
11 68 13 00-0293	EA	6-Panel, Mobius Climber (Direct Bury Only) (Landscape Structures® 150636A)	21,694.38	1,721.52
11 68 13 00-0294	EA	3-Panel, Mobius Climber (Direct Bury Only) (Landscape Structures® 150635A)	10,318.75	573.84
11 68 13 00-0295	EA	4', Rainbow Climber (Direct Bury Only) (Landscape Structures® 100038A)	1,494.62	107.60
11 68 13 00-0296	EA	6', Rainbow Climber (Direct Bury Only) (Landscape Structures® 100038B)	1,668.16	107.60
11 68 13 00-0297	EA	Sky Rail Climber, Independent Climber (Direct Bury Only) (Landscape Structures® 146813A)	5,320.84	430.39
11 68 13 00-0298	EA	4'-High, Vertical Pipe Climber (Direct Bury Only) (Landscape Structures® 100040A)	1,129.26	107.60
11 68 13 00-0299	EA	6'-High, Vertical Pipe Climber (Direct Bury Only) (Landscape Structures® 100040B)	1,220.60	107.60
11 68 13 00-0300	EA	Arch Belt Swing, 2-Place, TenderTuff-coated Chain (Landscape Structures® 100050A)	5,156.21	573.84
11 68 13 00-0301	EA	Arch Belt Swing, 2-Place, Uncoated Chain (Landscape Structures® 100050C)	5,002.76	573.84
11 68 13 00-0302	EA	Arch Swing, Additional 2 PL Bay, TenderTuff-coated Chain (Landscape Structures® 111579A)	3,234.84	286.92
11 68 13 00-0303	EA	Arch Swing, Additional 2 PL Bay, Uncoated Chain (Landscape Structures® 111579C)	3,081.39	286.92
11 68 13 00-0304	EA	Single Post Swing, 2-Place, Uncoated Chain (Landscape Structures® 122837A)	2,681.11	430.39
11 68 13 00-0305	EA	Single Post Swing, 2-Place, TenderTuff-coated Chain (Landscape Structures® 122837B)	2,834.56	430.39
11 68 13 00-0306	EA	Single Post Swing, Additional 2 PL Bay, Uncoated Chain (Landscape Structures® 122838A)	1,911.43	215.19
11 68 13 00-0307	EA	Single Post Swing, Additional 2 PL Bay, TenderTuff-coated Chain (Landscape Structures® 122838B)	2,064.88	215.19
11 68 13 00-0308	EA	Single Post Swing, 2-Place, Anti-Wrap Hangers, Uncoated Chain (Landscape Structures® 140769A)	3,073.87	430.39
11 68 13 00-0309	EA	Single Post Swing, 2-Place, Anti-Wrap Hangers, TenderTuff-coated Chain (Landscape Structures® 140769B)	3,227.32	430.39
11 68 13 00-0310	EA	Single Post Swing, Additional 2 PL Bay, Anti-Wrap Hangers, Uncoated Chain (Landscape Structures® 140770A)	2,304.19	215.19
11 68 13 00-0311	EA	Single Post Swing, Additional 2 PL Bay, Anti-Wrap Hangers, TenderTuff-coated Chain (Landscape Structures® 140770B)	2,457.64	215.19
11 68 13 00-0312	EA	Toddler Swing Add-On, With (1) Full-Bucket Seat, Without Post (Landscape Structures® 151852A)	1,151.69	71.73
11 68 13 00-0313	EA	Arch Tire Swing, TenderTuff-coated Chain (Landscape Structures® 120891A)	5,897.89	573.84
11 68 13 00-0314	EA	Additional Bay, Arch Tire Swing, TenderTuff-coated Chain (Landscape Structures® 139188A)	4,113.53	286.92
11 68 13 00-0315	EA	4-Post Tire Swing, TenderTuff-coated Chain, (4) Posts With Crossovers, Steel Beam And Posts (Landscape Structures® 120892B)	5,368.12	573.84
11 68 13 00-0316	EA	Additional Bay, 4-Post Tire Swing, TenderTuff-coated Chain, (2) Posts With Crossover, Steel Beam And Posts (Landscape Structures® 141458B)	3,455.88	286.92
11 68 13 00-0317	EA	Toddler Swing, With (2) Full-Bucket Seats (Landscape Structures® 117962B)	2,670.36	286.92
11 68 13 00-0318	EA	Curved Balance Beam (Landscape Structures® 100041A)	1,126.78	95.64
11 68 13 00-0319	EA	Drop Shot, (Direct Bury Only) (Landscape Structures® 100042A)	1,997.80	179.32
11 68 13 00-0320	EA	Basketball Outfit, 6' Offset, Fan Permalene Backboard, Chain Net (Landscape Structures® 116947A)	4,241.41	286.92
11 68 13 00-0321	EA	Basketball Outfit, 6' Offset, Rectangular Permalene Backboard, Chain Net (Landscape Structures® 116947B)	4,734.64	286.92
11 68 13 00-0322	EA	Basketball Outfit, 6' Offset, Fan Permalene Backboard, Nylon Net (Landscape Structures® 116947C)	4,232.27	286.92
11 68 13 00-0323	EA	Basketball Outfit, 6' Offset, Rectangular Permalene Backboard, Nylon Net (Landscape Structures® 116947D)	4,725.51	286.92
11 68 13 00-0324	EA	FitCore Outdoor Fitness Equipment With Aluminum Posts, (Direct Bury Only) (Landscape Structures® 123722A)	21,146.94	2,582.29
11 68 13 00-0325	EA	FitCore Outdoor Fitness Equipment With Steel Posts, (Direct Bury Only) (Landscape Structures® 123722B)	20,544.09	2,582.29
11 68 13 00-0326	EA	Fitness Cluster With Steel Posts (Landscape Structures® 120874B)	13,291.10	1,721.52
11 68 13 00-0327	EA	Fitness Cluster With Aluminum Posts (Landscape Structures® 120874A)	13,546.86	1,721.52
11 68 13 00-0328	EA	Aluminum Posts, Climbing Wall (Landscape Structures® 153354A)	2,980.92	286.92
11 68 13 00-0329	EA	Steel Posts, Climbing Wall (Landscape Structures® 153354B)	2,889.58	286.92
11 68 13 00-0330	EA	30" Galvanized Stake, TuffTimber Edgers (Landscape Structures® 100626A)	27.48	11.95
11 68 13 00-0331	EA	TuffTimber, 4' Length, TuffTimber Edgers, Black Only (Landscape Structures® 119214A)	86.02	11.95
11 68 13 00-0332	EA	TuffTimbers Access Wedge, TuffTimber Edgers, Black Only (Landscape Structures® 130799A)	1,062.03	23.91
11 68 13 00-0333	EA	Age Appropriate Fitness Sign, Ages 12 And Over (Landscape Structures® 114483A)	589.55	35.86
11 68 13 00-0334	EA	Age Appropriate Fitness Sign, Ages 5 to 12 (Landscape Structures® 114484A)	589.55	35.86
11 68 13 00-0335	EA	Accessible Playground Sign, With 2-3/8" Post (Landscape Structures® 100103A)	553.02	35.86
11 68 13 00-0336	EA	Age Appropriate Sign, With PlayShaper Posts, Optional Name* (Landscape Structures® 100104A)	1,128.46	35.86
11 68 13 00-0337	EA	Age Appropriate Sign, With PlayShaper Posts, 2 - 5 Years* (Landscape Structures® 100105A)	954.91	35.86
11 68 13 00-0338	EA	Age Appropriate Sign, With PlayShaper Posts, 5 - 12 Years* (Landscape Structures® 100106A)	954.91	35.86
11 68 13 00-0339	EA	Flat Molded Seat, Swing Accessories (Excludes Chain) (Landscape Structures® 100052A)	322.18	23.91
11 68 13 00-0340	EA	Molded Bucket Seat (Specify Color), Swing Accessories (Excludes Chain) (Landscape Structures® 100054A)	804.60	71.73
11 68 13 00-0341	EA	Full-Bucket Seat, Swing Accessories (Excludes Chain) (Landscape Structures® 100055A)	416.01	35.86
11 68 13 00-0342	EA	Half-Bucket Seat, Swing Accessories (Excludes Chain) (Landscape Structures® 112228A)	397.74	35.86
11 68 13 00-0343	EA	Slash-Proof Belt Seat, Swing Accessories (Landscape Structures® 132385A)	130.36	23.91
11 68 13 00-0344	EA	Seat Strap for Molded Bucket Seat, Swing Accessories (Excludes Chain) (Landscape Structures® 111416A)	123.06	23.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0345	LF	TuffTurf Geotextile Fabric, (12 1/2' Wide Roll), Order an Additional 20% for Overlap/Waste, per LF (Landscape Structures® 109694A)	11.00	3.59
11 68 13 00-0346	EA	TuffTurf Adhesive 10.6 oz. Tube, (Approximate Coverage: 3 Tiles per Tube) (Landscape Structures® 114513A)	13.24	
11 68 13 00-0347	EA	Rider, Direct Bury Leg, Concrete, (Direct Bury Only) (Landscape Structures® 115381A)	306.40	35.86
11 68 13 00-0348	EA	Mesh SanDirect Buryox Cover, 4' Square (Landscape Structures® 120530A)	102.96	17.94
11 68 13 00-0349	EA	Mesh SanDirect Buryox Cover, 8' Square (Landscape Structures® 120530B)	352.07	35.86
11 68 13 00-0350	EA	Mesh SanDirect Buryox Cover, 8' L-Shaped (Landscape Structures® 120530C)	297.26	35.86
11 68 13 00-0351	EA	4-Post Tire Swing, TenderTuff-coated Chain, (4) Posts With Crossovers, Steel Beam And Aluminum Posts (Landscape Structures® 120892A)	5,072.60	286.92
11 68 13 00-0352	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", Square (Landscape Structures® 122868A)	185.17	17.94
11 68 13 00-0353	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", 1-Bevel (Landscape Structures® 122868B)	185.17	17.94
11 68 13 00-0354	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", 2-Bevel (Landscape Structures® 122868C)	185.17	17.94
11 68 13 00-0355	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", 3-Bevel (Landscape Structures® 122868D)	185.17	17.94
11 68 13 00-0356	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", 4-Bevel (Landscape Structures® 122868E)	185.17	17.94
11 68 13 00-0357	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", Corner Bevel (Landscape Structures® 122868F)	185.17	17.94
11 68 13 00-0358	EA	Rider, 4-Bevel TuffTurf Tile, With Hole, For TuffRiders And Whimsy Riders * (Landscape Structures® 122869A)	194.30	17.94
11 68 13 00-0359	EA	1-Place, Surge Swing, Uncoated Chain (Landscape Structures® 127680A)	2,623.07	143.46
11 68 13 00-0360	EA	1-Place, Surge Swing, TenderTuff-coated Chain (Landscape Structures® 127680B)	2,699.80	143.46
11 68 13 00-0361	EA	TuffTurf Adhesive 1 Gallon (Approximate Coverage: 15 Tiles per Gallon) (Landscape Structures® 128036A)	91.34	
11 68 13 00-0362	EA	1-Place, Surge Swing, Anti-Wrap Hangers, Uncoated Chain (Landscape Structures® 139910A)	2,814.89	143.46
11 68 13 00-0363	EA	1-Place, Surge Swing, Anti-Wrap Hangers, TenderTuff-coated Chain (Landscape Structures® 139910B)	2,891.61	143.46
11 68 13 00-0364	EA	Additional Bay, 4-Post Tire Swing, TenderTuff-coated Chain, (2) Posts With Crossover, Steel Beam And Aluminum Posts (Landscape Structures® 141458A)	3,427.67	215.19
11 68 13 00-0365	EA	The Pinnacle Natural Climber (Landscape Structures® 156065A)	27,640.05	860.76
11 68 13 00-0366	EA	The Pointe Natural Climber (Landscape Structures® 156067A)	15,634.74	573.84
11 68 13 00-0367	EA	Hemisphere Climber With Single Arch, Independent Climber (Landscape Structures® 156435A)	15,634.74	573.84
11 68 13 00-0368	EA	5000 Series Swing, 8'-High Beam, 2-Place, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157107A)	2,148.11	143.46
11 68 13 00-0369	EA	5000 Series Swing, 8'-High Beam, 2-Place, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157107B)	2,301.56	143.46
11 68 13 00-0370	EA	5000 Series Swing, 8'-High Beam, 2-Place, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157107C)	2,385.59	143.46
11 68 13 00-0371	EA	5000 Series Swing, 8'-High Beam, 2-Place, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157107D)	2,539.04	143.46
11 68 13 00-0372	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157108A)	1,233.90	71.73
11 68 13 00-0373	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157108B)	1,387.35	71.73
11 68 13 00-0374	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157108C)	1,316.10	71.73
11 68 13 00-0375	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157108D)	1,469.56	71.73
11 68 13 00-0376	EA	5000 Series Swing, 10'-High Beam, 2-Place, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157109A)	2,239.45	143.46
11 68 13 00-0377	EA	5000 Series Swing, 10'-High Beam, 2-Place, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157109B)	2,473.28	143.46
11 68 13 00-0378	EA	5000 Series Swing, 10'-High Beam, 2-Place, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157109C)	2,476.93	143.46
11 68 13 00-0379	EA	5000 Series Swing, 10'-High Beam, 2-Place, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157109D)	2,710.76	143.46
11 68 13 00-0380	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157110A)	1,306.97	71.73
11 68 13 00-0381	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157110B)	1,660.35	143.46
11 68 13 00-0382	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157110C)	1,389.18	71.73
11 68 13 00-0383	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157110D)	1,742.56	143.46
11 68 13 00-0384	EA	5000 Series Swing, 8'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157111A)	2,330.79	143.46
11 68 13 00-0385	EA	5000 Series Swing, 8'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157111B)	2,484.24	143.46
11 68 13 00-0386	EA	5000 Series Swing, 8'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157111C)	2,568.27	143.46
11 68 13 00-0387	EA	5000 Series Swing, 8'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157111D)	2,721.72	143.46
11 68 13 00-0388	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157112A)	1,407.44	71.73
11 68 13 00-0389	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157112B)	1,680.45	143.46
11 68 13 00-0390	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157112C)	1,489.65	71.73
11 68 13 00-0391	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157112D)	1,762.65	143.46
11 68 13 00-0392	EA	5000 Series Swing, 10'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157113A)	2,422.13	143.46
11 68 13 00-0393	EA	5000 Series Swing, 10'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157113B)	2,655.96	143.46
11 68 13 00-0394	EA	5000 Series Swing, 10'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157113C)	2,659.61	143.46
11 68 13 00-0395	EA	5000 Series Swing, 10'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157113D)	2,893.44	143.46
11 68 13 00-0396	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157114A)	1,489.65	71.73

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11 68 13 00-0397	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157114B)	1,843.03	143.46
11 68 13 00-0398	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157114C)	1,691.41	143.46
11 68 13 00-0399	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157114D)	1,925.24	143.46
11 68 13 00-0400	EA	Motorcycle TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157286A)	2,148.11	143.46
11 68 13 00-0401	EA	Motorcycle TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157286B)	2,385.59	143.46
11 68 13 00-0402	EA	T-Rex TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157287A)	1,819.28	143.46
11 68 13 00-0403	EA	T-Rex TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157287B)	2,065.90	143.46
11 68 13 00-0404	EA	Bird TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157288A)	1,837.55	143.46
11 68 13 00-0405	EA	Bird TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157288B)	2,084.17	143.46
11 68 13 00-0406	EA	Horse TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157289A)	1,819.28	143.46
11 68 13 00-0407	EA	Horse TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157289B)	2,065.90	143.46
11 68 13 00-0408	EA	Car TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157290A)	2,148.11	143.46
11 68 13 00-0409	EA	Car TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157290B)	2,385.59	143.46
11 68 13 00-0410	EA	Zebra Whimsy Riders, With Torsion Spring, Surface Mount (Landscape Structures® 157291A)	1,974.56	143.46
11 68 13 00-0411	EA	Zebra Whimsy Riders, With Torsion Spring, Direct Bury (Landscape Structures® 157291B)	2,193.78	143.46
11 68 13 00-0412	EA	Sea Horse Whimsy Riders, With Torsion Spring, Surface Mount (Landscape Structures® 157292A)	2,084.17	143.46
11 68 13 00-0413	EA	Sea Horse Whimsy Riders, With Torsion Spring, Direct Bury (Landscape Structures® 157292B)	2,321.65	143.46
11 68 13 00-0414	EA	Dolphin Whimsy Riders, With Torsion Spring, SM (Landscape Structures® 157293A)	2,001.96	143.46
11 68 13 00-0415	EA	Dolphin Whimsy Riders, With Torsion Spring, Direct Bury (Landscape Structures® 157293B)	2,230.31	143.46
11 68 13 00-0416	EA	Kids In Motion, Wobble Pod Bouncer, (Direct Bury Only) (Landscape Structures® 158105A)	2,075.03	143.46
11 68 13 00-0417	EA	Chatter Noodle Kit, (2) Noodle Posts And Tubing, (Direct Bury Only) (Landscape Structures® 158106A)	2,860.56	143.46
11 68 13 00-0418	EA	8" Pod, Noodle Pod Steps With One E-Pod Step, (Direct Bury Only) (Landscape Structures® 158108A)	1,407.44	71.73
11 68 13 00-0419	EA	16" Pod, Noodle Pod Steps With One E-Pod Step, (Direct Bury Only) (Landscape Structures® 158108B)	1,416.58	71.73
11 68 13 00-0420	EA	24" Pod, Noodle Pod Steps With One E-Pod Step, (Direct Bury Only) (Landscape Structures® 158108C)	1,425.71	71.73
11 68 13 00-0421	EA	Single, Starburst Climber (Direct Bury Only) (Landscape Structures® 158426A)	2,568.27	143.46
11 68 13 00-0422	EA	Double, Starburst Climber (Direct Bury Only) (Landscape Structures® 158426B)	4,414.15	215.19
11 68 13 00-0423	EA	Triple, Starburst Climber (Direct Bury Only) (Landscape Structures® 158426C)	6,661.92	286.92
11 68 13 00-0424	EA	Quadruple, Starburst Climber (Direct Bury Only) (Landscape Structures® 158426D)	8,306.85	358.65
11 68 13 00-0425	EA	10", Pod Climber, One Pod Only (Landscape Structures® 158997A)	416.01	35.86
11 68 13 00-0426	EA	20", Pod Climber, One Pod Only (Landscape Structures® 158998A)	434.27	35.86
11 68 13 00-0427	EA	CoolToppers Shade System, Super Pyramid, 30' x 30', 13'-9" Entrance Height, (Direct Bury Only) (Landscape Structures® 159873A)	14,538.66	573.84
11 68 13 00-0428	EA	CoolToppers Shade System, Pyramid, 18' x 18', 8' Entrance Height, (Direct Bury Only) (Landscape Structures® 159881A)	7,684.93	286.92
11 68 13 00-0429	EA	CoolToppers Shade System, Pyramid, 18' x 18', 10' Entrance Height, (Direct Bury Only) (Landscape Structures® 159881B)	7,941.49	358.65
11 68 13 00-0430	EA	CoolToppers Shade System, Pyramid, 18' x 18', 12' Entrance Height, (Direct Bury Only) (Landscape Structures® 159881C)	8,069.36	358.65
11 68 13 00-0431	EA	CoolToppers Shade System, Pyramid, 24' x 24', 8' Entrance Height, (Direct Bury Only) (Landscape Structures® 159882A)	9,804.82	358.65
11 68 13 00-0432	EA	CoolToppers Shade System, Pyramid, 24' x 24', 10' Entrance Height, (Direct Bury Only) (Landscape Structures® 159882B)	9,932.70	358.65
11 68 13 00-0433	EA	CoolToppers Shade System, Pyramid, 24' x 24', 12' Entrance Height, (Direct Bury Only) (Landscape Structures® 159882C)	10,078.84	358.65
11 68 13 00-0434	EA	CoolToppers Shade System, Pyramid, 28' x 28', 8' Entrance Height, (Direct Bury Only) (Landscape Structures® 159883A)	12,454.49	430.39
11 68 13 00-0435	EA	CoolToppers Shade System, Pyramid, 28' x 28', 10' Entrance Height, (Direct Bury Only) (Landscape Structures® 159883B)	12,600.63	430.39
11 68 13 00-0436	EA	CoolToppers Shade System, Pyramid, 28' x 28', 12' Entrance Height, (Direct Bury Only) (Landscape Structures® 159883C)	12,737.64	430.39
11 68 13 00-0437	EA	Stationary Cycler, Pedals Only, With Grab Bar, With Aluminum Posts (Landscape Structures® 160055A)	2,349.05	143.46
11 68 13 00-0438	EA	Stationary Cycler, Handles Only, With Aluminum Posts (Landscape Structures® 160055B)	2,029.36	143.46
11 68 13 00-0439	EA	Stationary Cycler, Pedals And Handles, With Aluminum Posts (Landscape Structures® 160055C)	2,924.50	143.46
11 68 13 00-0440	EA	Stationary Cycler, Handles Only, Accessible, With Aluminum Posts (Landscape Structures® 160055D)	2,029.36	143.46
11 68 13 00-0441	EA	Stationary Cycler, Pedals Only, With Grab Bar, With Steel Posts (Landscape Structures® 160055E)	2,294.25	143.46
11 68 13 00-0442	EA	Stationary Cycler, Handles Only, With Steel Posts (Landscape Structures® 160055F)	1,974.56	143.46
11 68 13 00-0443	EA	Stationary Cycler, Pedals And Handles, With Steel Posts (Landscape Structures® 160055G)	2,869.69	143.46
11 68 13 00-0444	EA	Stationary Cycler, Handles Only, Accessible, With Steel Posts (Landscape Structures® 160055H)	1,974.56	143.46
11 68 13 00-0445	EA	Single, Gyro Twister Spinner, Aluminum Posts (Landscape Structures® 160315A)	3,436.81	215.19
11 68 13 00-0446	EA	Single, Gyro Twister Spinner, Steel Posts (Landscape Structures® 160315B)	3,382.00	215.19
11 68 13 00-0447	EA	Double, Gyro Twister Spinner, Aluminum Posts (Landscape Structures® 160316A)	5,885.53	286.92
11 68 13 00-0448	EA	Double, Gyro Twister Spinner, Steel Posts (Landscape Structures® 160316B)	5,830.72	286.92
11 68 13 00-0449	EA	The Peak Natural Climber (Landscape Structures® 160418A)	8,507.79	358.65
11 68 13 00-0450	EA	The Stepper Natural Climbing Stone (Landscape Structures® 160419A)	4,313.67	215.19
11 68 13 00-0451	EA	Double Escalator Climber, Independent Climber, Steel Posts, (Direct Bury Only) (Landscape Structures® 160692A)	10,535.54	358.65
11 68 13 00-0452	EA	HealthBeat Outdoor Fitness System, Chest/Back Press, Direct Bury (Landscape Structures® 161309A)	7,776.27	286.92
11 68 13 00-0453	EA	HealthBeat Outdoor Fitness System, Chest/Back Press, Surface Mount (Landscape Structures® 161309B)	7,374.37	286.92
11 68 13 00-0454	EA	HealthBeat Outdoor Fitness System, Squat Press, Direct Bury (Landscape Structures® 161310A)	7,776.27	286.92
11 68 13 00-0455	EA	HealthBeat Outdoor Fitness System, Squat Press, Surface Mount (Landscape Structures® 161310B)	7,374.37	286.92
11 68 13 00-0456	EA	HealthBeat Outdoor Fitness System, Tai Chi Wheels, Direct Bury (Landscape Structures® 161311A)	4,213.20	215.19
11 68 13 00-0457	EA	HealthBeat Outdoor Fitness System, Tai Chi Wheels, Surface Mount (Landscape Structures® 161311B)	3,802.17	215.19
11 68 13 00-0458	EA	HealthBeat Outdoor Fitness System, Cardio Stepper, Direct Bury (Landscape Structures® 161312A)	9,722.62	358.65
11 68 13 00-0459	EA	HealthBeat Outdoor Fitness System, Cardio Stepper, Surface Mount (Landscape Structures® 161312B)	9,320.72	358.65
11 68 13 00-0460	EA	HealthBeat Outdoor Fitness System, Pull-Up/Dip, Direct Bury (Landscape Structures® 161313A)	3,802.17	215.19
11 68 13 00-0461	EA	HealthBeat Outdoor Fitness System, Pull-Up/Dip, Surface Mount (Landscape Structures® 161313B)	3,400.27	215.19
11 68 13 00-0462	EA	HealthBeat Outdoor Fitness System, Ab Crunch/Leg Lift, Direct Bury (Landscape Structures®161314A)	3,701.69	215.19
11 68 13 00-0463	EA	HealthBeat Outdoor Fitness System, Ab Crunch/Leg Lift, Surface Mount (Landscape Structures® 161314B)	3,400.27	215.19
11 68 13 00-0464	EA	HealthBeat Outdoor Fitness System, Balance Steps, Direct Bury (Landscape Structures® 161315A)	4,414.15	215.19

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11 68 13 00-0465	EA	HealthBeat Outdoor Fitness System, Balance Steps, Surface Mount (Landscape Structures® 161315B)	4,615.09	215.19
11 68 13 00-0466	EA	HealthBeat Outdoor Fitness System, Assisted RoWith Push-Up, Direct Bury (Landscape Structures® 161316A)	3,500.75	215.19
11 68 13 00-0467	EA	HealthBeat Outdoor Fitness System, Assisted RoWith Push-Up, Surface Mount (Landscape Structures® 161316B)	3,400.27	215.19
11 68 13 00-0468	EA	HealthBeat Outdoor Fitness System, Plyometrics, Direct Bury (Landscape Structures® 161317A)	4,414.15	215.19
11 68 13 00-0469	EA	HealthBeat Outdoor Fitness System, Plyometrics, Surface Mount (Landscape Structures® 161317B)	4,615.09	215.19
11 68 13 00-0470	EA	HealthBeat Outdoor Fitness System, Welcome Intro Sign, Direct Bury (Landscape Structures® 161437A)	1,654.87	143.46
11 68 13 00-0471	EA	HealthBeat Outdoor Fitness System, Welcome Intro Sign, Surface Mount (Landscape Structures® 161437B)	1,133.42	71.73
11 68 13 00-0472	EA	Global Releaf Sign With Frame (Landscape Structures® 162617A)	1,014.68	71.73
11 68 13 00-0473	EA	Single, Bobble Riders With Coil Spring, Surface Mount (Landscape Structures® 164074A)	1,306.97	71.73
11 68 13 00-0474	EA	Single, Bobble Riders With Coil Spring, Direct Bury (Landscape Structures® 164074B)	1,673.14	143.46
11 68 13 00-0475	EA	Double, Bobble Riders With Coil Spring, Surface Mount (Landscape Structures® 164075A)	2,522.60	143.46
11 68 13 00-0476	EA	Double, Bobble Riders With Coil Spring, Direct Bury (Landscape Structures® 164075B)	2,705.28	143.46
11 68 13 00-0477	EA	16" Pod, Noodle Pod Steps With Two E-Pod Steps, (Direct Bury Only) (Landscape Structures® 164157A)	1,938.02	143.46
11 68 13 00-0478	EA	24" Pod, Noodle Pod Steps With Two E-Pod Steps, (Direct Bury Only) (Landscape Structures® 164157B)	1,956.29	143.46
11 68 13 00-0479		**Playground Equipment (Landscape Structures® PlayBooster®)** *(11 68 13 00-0009)*		
11 68 13 00-0480	EA	116" Aluminum Posts, End Vertical Ladder (Landscape Structures® PlayBooster® 111273A)	1,810.15	143.46
11 68 13 00-0481	EA	Log Roll, (1) Aluminum Post, Tan Log Only (Landscape Structures® PlayBooster® 111356A)	1,938.02	143.46
11 68 13 00-0482	EA	Chinning Bar, (1) Aluminum Post (Landscape Structures® PlayBooster® 111357A)	777.20	71.73
11 68 13 00-0483	EA	Turning Bar, (1) Aluminum Post (Landscape Structures® PlayBooster® 111357B)	740.66	71.73
11 68 13 00-0484	EA	182"/72" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403A)	589.55	35.86
11 68 13 00-0485	EA	174"/64" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403B)	580.42	35.86
11 68 13 00-0486	EA	166"/56" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403C)	553.02	35.86
11 68 13 00-0487	EA	158"/48" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403D)	543.88	35.86
11 68 13 00-0488	EA	150"/40" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403E)	516.48	35.86
11 68 13 00-0489	EA	142"/32" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403F)	507.35	35.86
11 68 13 00-0490	EA	134"/24" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403G)	489.08	35.86
11 68 13 00-0491	EA	126"/16" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403H)	479.94	35.86
11 68 13 00-0492	EA	118"/8" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403I)	452.54	35.86
11 68 13 00-0493	EA	110"/Ground Level, Posts For Roofs (Landscape Structures® PlayBooster® 111403J)	443.41	35.86
11 68 13 00-0494	EA	148"/72" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404A)	516.48	35.86
11 68 13 00-0495	EA	140"/64" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404B)	498.21	35.86
11 68 13 00-0496	EA	132"/56" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404C)	489.08	35.86
11 68 13 00-0497	EA	124"/48" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404D)	479.94	35.86
11 68 13 00-0498	EA	116"/40" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404E)	452.54	35.86
11 68 13 00-0499	EA	108"/32" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404F)	443.41	35.86
11 68 13 00-0500	EA	100"/24" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404G)	434.27	35.86
11 68 13 00-0501	EA	92"/16" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404H)	416.01	35.86
11 68 13 00-0502	EA	84"/8" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404I)	397.74	35.86
11 68 13 00-0503	EA	76"/Ground Level, Posts For Decks (Landscape Structures® PlayBooster® 111404J)	370.34	35.86
11 68 13 00-0504	EA	106"/72" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405A)	731.53	71.73
11 68 13 00-0505	EA	98"/64" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405B)	704.13	71.73
11 68 13 00-0506	EA	90"/56" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405C)	676.72	71.73
11 68 13 00-0507	EA	82"/48" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405D)	598.69	35.86
11 68 13 00-0508	EA	74"/40" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405E)	589.55	35.86
11 68 13 00-0509	EA	66"/32" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405F)	571.28	35.86
11 68 13 00-0510	EA	58"/24" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405G)	543.88	35.86
11 68 13 00-0511	EA	50"/16" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405H)	534.75	35.86
11 68 13 00-0512	EA	42"/8" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405I)	516.48	35.86
11 68 13 00-0513	EA	ClouDirect Buryurst Triple Poly Slide, 64" - 72" Deck (Landscape Structures® PlayBooster® 144414A)	5,795.87	239.10
11 68 13 00-0514	EA	TurboTwister Tunnel Slide, 96" Deck, Excludes Posts (Landscape Structures® PlayBooster® 123763A)	7,533.69	645.57
11 68 13 00-0515	EA	Double Poly Slide, 32" Deck (Landscape Structures® PlayBooster® 123331A)	2,491.04	179.32
11 68 13 00-0516	EA	Double Poly Slide, 40" - 48" Deck (Landscape Structures® PlayBooster® 123331B)	2,755.93	179.32
11 68 13 00-0517	EA	Double Swoosh Poly Slide, 64" - 72" Deck (Landscape Structures® PlayBooster® 130390A)	3,199.32	215.19
11 68 13 00-0518	EA	40" Deck, El Slide (Landscape Structures® PlayBooster® 126368A)	3,891.02	203.24
11 68 13 00-0519	EA	48" Deck, El Slide (Landscape Structures® PlayBooster® 126368B)	4,432.41	215.19
11 68 13 00-0520	EA	56" Deck, El Slide (Landscape Structures® PlayBooster® 126368C)	4,688.17	215.19
11 68 13 00-0521	EA	64" Deck, El Slide (Landscape Structures® PlayBooster® 126368D)	5,247.83	239.10
11 68 13 00-0522	EA	72" Deck, El Slide (Landscape Structures® PlayBooster® 126368E)	5,494.45	239.10
11 68 13 00-0523	EA	96" Deck, El Slide, Excludes Posts (Landscape Structures® PlayBooster® 126368F)	7,349.46	310.83
11 68 13 00-0524	EA	Firepole With Permalene® Handholds 32" To 48" Deck (Landscape Structures® PlayBooster® 148426A)	1,161.63	143.46
11 68 13 00-0525	EA	Firepole With Permalene® Handholds 56" To 72" Deck (Landscape Structures® PlayBooster® 148426B)	1,189.04	143.46
11 68 13 00-0526	EA	Firepole With SteelX® Handholds 32" To 48" Deck (Landscape Structures® PlayBooster® 148435A)	1,563.53	143.46
11 68 13 00-0527	EA	Firepole With SteelX® Handholds 56" To 72" Deck (Landscape Structures® PlayBooster® 148435B)	1,609.20	143.46
11 68 13 00-0528	EA	32" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800A)	5,896.28	430.39
11 68 13 00-0529	EA	40" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800B)	6,791.41	430.39
11 68 13 00-0530	EA	48" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800C)	7,312.05	430.39
11 68 13 00-0531	EA	56" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800D)	8,647.23	573.84
11 68 13 00-0532	EA	64" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800E)	8,857.31	573.84
11 68 13 00-0533	EA	72" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800F)	10,337.02	573.84
11 68 13 00-0534	EA	96" Deck, Gemini SlideWinder2, Excludes Posts (Landscape Structures® PlayBooster® 130800G)	12,192.84	717.30
11 68 13 00-0535	EA	40" Deck, Rollerslide (Landscape Structures® PlayBooster® 123333A)	9,580.63	322.79
11 68 13 00-0536	EA	56" Deck, Rollerslide (Landscape Structures® PlayBooster® 123333B)	12,047.62	394.51
11 68 13 00-0537	EA	Single Poly Slide, 40" - 48" Deck (Landscape Structures® PlayBooster® 123337A)	2,120.70	143.46
11 68 13 00-0538	EA	32" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863A)	2,815.70	215.19
11 68 13 00-0539	EA	40" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863B)	3,135.39	215.19
11 68 13 00-0540	EA	48" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863C)	3,491.61	215.19
11 68 13 00-0541	EA	56" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863D)	3,967.39	286.92
11 68 13 00-0542	EA	64" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863E)	4,131.80	286.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0543	EA	72" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863F)	4,716.38	286.92
11 68 13 00-0544	EA	96" Deck, SlideWinder2, Excludes Posts (Landscape Structures® PlayBooster® 124863G)	5,639.72	358.65
11 68 13 00-0545	EA	72" Deck, SpyroSlide (Landscape Structures® PlayBooster® 122033A)	8,395.63	537.98
11 68 13 00-0546	EA	72" Slide, With Hanger Bracket, 64" Deck, SpyroSlide (Landscape Structures® PlayBooster® 122033B)	8,707.87	490.16
11 68 13 00-0547	EA	56" Deck, SpyroSlide (Landscape Structures® PlayBooster® 122033C)	7,628.38	537.98
11 68 13 00-0548	EA	56" Slide, With Hanger Bracket, 48" Deck, SpyroSlide (Landscape Structures® PlayBooster® 122033D)	7,913.21	490.16
11 68 13 00-0549	EA	32" - 40" Deck, Stainless Steel Slide (Landscape Structures® PlayBooster® 123340A)	3,011.68	179.32
11 68 13 00-0550	EA	48" - 56" Deck, Stainless Steel Slide (Landscape Structures® PlayBooster® 123340B)	3,276.56	179.32
11 68 13 00-0551	EA	64" - 72" Deck, Stainless Steel Slide (Landscape Structures® PlayBooster® 123340C)	4,043.82	179.32
11 68 13 00-0552	EA	32" - 40" Deck, SteelX, Stainless Steel Slide (Landscape Structures® PlayBooster® 139945A)	3,331.37	179.32
11 68 13 00-0553	EA	48" - 56" Deck, SteelX, Stainless Steel Slide (Landscape Structures® PlayBooster® 139945B)	3,596.25	179.32
11 68 13 00-0554	EA	64" - 72" Deck, SteelX, Stainless Steel Slide (Landscape Structures® PlayBooster® 139945C)	4,381.78	179.32
11 68 13 00-0555	EA	32" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367A)	3,395.31	179.32
11 68 13 00-0556	EA	40" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367B)	3,596.25	179.32
11 68 13 00-0557	EA	48" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367C)	4,137.64	203.24
11 68 13 00-0558	EA	56" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367D)	4,377.61	215.19
11 68 13 00-0559	EA	64" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367E)	4,889.11	215.19
11 68 13 00-0560	EA	72" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367F)	5,062.66	215.19
11 68 13 00-0561	EA	96" Deck, Tunnel Slide, Excludes Posts (Landscape Structures® PlayBooster® 126367G)	6,680.19	286.92
11 68 13 00-0562	EA	Step Deck, 16" - 32" Decks, Brown Only (Landscape Structures® PlayBooster® 111465A)	1,215.63	71.73
11 68 13 00-0563	EA	Sky Rail Climber, 64" And 72" Decks, (64" Avail. For Direct Bury Only) (Landscape Structures® PlayBooster® 146812A)	2,143.13	107.60
11 68 13 00-0564	EA	Stepping Block Climber, 32" Deck Height Difference (Landscape Structures® PlayBooster® 130742A)	4,843.44	215.19
11 68 13 00-0565	EA	32" Deck, Block Climber (Landscape Structures® PlayBooster® 135344A)	3,142.84	274.96
11 68 13 00-0566	EA	40" Deck, Block Climber (Landscape Structures® PlayBooster® 135344B)	3,654.34	274.96
11 68 13 00-0567	EA	32" Deck, SteelX, Block Climber (Landscape Structures® PlayBooster® 139491A)	3,553.87	274.96
11 68 13 00-0568	EA	40" Deck, SteelX, Block Climber (Landscape Structures® PlayBooster® 139491B)	4,083.64	274.96
11 68 13 00-0569	EA	Fish Net Climber, CableCore Climbing Cable, 16" - 32" Deck (Landscape Structures® PlayBooster® 126194A)	3,845.35	203.24
11 68 13 00-0570	EA	Wavy Web Climber, 48" - 56" Deck (Landscape Structures® PlayBooster® 126273A)	3,774.77	215.19
11 68 13 00-0571	EA	Wavy Web Climber, 64" - 72" Deck (Landscape Structures® PlayBooster® 126273B)	4,048.79	215.19
11 68 13 00-0572	EA	Wavy Web Climber, 48" - 56" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126442A)	4,542.02	215.19
11 68 13 00-0573	EA	Wavy Web Climber, 64" - 72" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126442B)	4,806.91	215.19
11 68 13 00-0574	EA	Circus Ladder, CableCore Climbing Cable, 48" Deck (Landscape Structures® PlayBooster® 126272B)	1,847.49	215.19
11 68 13 00-0575	EA	Circus Ladder, CableCore Climbing Cable, 56" - 64" Deck (Landscape Structures® PlayBooster® 126272C)	1,947.97	215.19
11 68 13 00-0576	EA	Circus Ladder, CableCore Climbing Cable, 72" Deck (Landscape Structures® PlayBooster® 126272D)	2,075.84	215.19
11 68 13 00-0577	EA	Circus Ladder, CableCore Climbing Cable, 32" - 40" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126441A)	2,505.14	215.19
11 68 13 00-0578	EA	Circus Ladder, CableCore Climbing Cable, 48" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126441B)	2,605.61	215.19
11 68 13 00-0579	EA	Circus Ladder, CableCore Climbing Cable, 56" - 64" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126441C)	2,733.49	215.19
11 68 13 00-0580	EA	Circus Ladder, CableCore Climbing Cable, 72" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126441D)	2,833.96	215.19
11 68 13 00-0581	EA	Spider Web Climber, 16" - 32" Decks (Direct Bury Only) (Landscape Structures® PlayBooster® 136158A)	4,058.73	286.92
11 68 13 00-0582	EA	Chimney Climber, 56" - 64" Deck (Landscape Structures® PlayBooster® 153617A)	5,209.61	286.92
11 68 13 00-0583	EA	Chimney Climber, 72" Deck (Landscape Structures® PlayBooster® 153617B)	5,885.53	286.92
11 68 13 00-0584	EA	Chimney Climb Across, Straight, 72" To 72" Deck Or 64" To 64" Deck (Landscape Structures® PlayBooster® 155042A)	7,356.10	286.92
11 68 13 00-0585	EA	Chimney Climb Across, Straight, 56" To 56" Deck (Landscape Structures® PlayBooster® 155042B)	6,643.65	286.92
11 68 13 00-0586	EA	Chimney Climb Across, Straight, 48" To 48" Deck Or 40" To 40" Deck (Landscape Structures® PlayBooster® 155042C)	5,885.53	286.92
11 68 13 00-0587	EA	Chimney Climb Across, Straight, 32" To 32" Deck (Landscape Structures® PlayBooster® 155042D)	5,100.00	286.92
11 68 13 00-0588	EA	Chimney Climb Across, 24" Difference, 72" To 48" Deck Or 64" To 40" Deck (Landscape Structures® PlayBooster® 155043A)	7,082.08	286.92
11 68 13 00-0589	EA	Chimney Climb Across, 24" Difference, 56" To 32" Deck (Landscape Structures® PlayBooster® 155043B)	6,643.65	286.92
11 68 13 00-0590	EA	Chimney Climb Across, 24" Difference, 48" To 24" Deck (Landscape Structures® PlayBooster® 155043C)	6,205.22	286.92
11 68 13 00-0591	EA	48" - 56" Deck, Cascade Climber (Direct Bury Only) (Landscape Structures® PlayBooster® 150975A)	3,135.39	215.19
11 68 13 00-0592	EA	64" - 72" Deck, Cascade Climber (Direct Bury Only) (Landscape Structures® PlayBooster® 150975B)	4,057.92	215.19
11 68 13 00-0593	EA	24" Deck Height Difference, Catwalk Climber (Landscape Structures® PlayBooster® 128986A)	2,445.37	179.32
11 68 13 00-0594	EA	48" - 56" Deck, Centipede Climber (Landscape Structures® PlayBooster® 123291A)	2,095.79	167.37
11 68 13 00-0595	EA	48" - 56" Deck, 90 Degree Tri-Deck, Centipede Climber (Landscape Structures® PlayBooster® 126376A)	2,808.24	167.37
11 68 13 00-0596	EA	48" - 56" Deck, SteelX, Centipede Climber (Landscape Structures® PlayBooster® 139496A)	2,488.55	167.37
11 68 13 00-0597	EA	40" Deck, 90 Degree Tri-Deck, Chain Ladder (Landscape Structures® PlayBooster® 153352A)	2,217.02	179.32
11 68 13 00-0598	EA	48" - 56" Deck, 90 Degree Tri-Deck, Chain Ladder (Landscape Structures® PlayBooster® 153352B)	2,326.63	179.32
11 68 13 00-0599	EA	64" - 72" Deck, 90 Degree Tri-Deck, Chain Ladder (Landscape Structures® PlayBooster® 153352C)	2,417.97	179.32
11 68 13 00-0600	EA	40" Deck, Chain Ladder (Landscape Structures® PlayBooster® 153350A)	1,413.23	179.32
11 68 13 00-0601	EA	48" - 56" Deck, Chain Ladder (Landscape Structures® PlayBooster® 153350B)	1,486.30	179.32
11 68 13 00-0602	EA	64" - 72" Deck, Chain Ladder (Landscape Structures® PlayBooster® 153350C)	1,605.04	179.32
11 68 13 00-0603	EA	40" Deck, SteelX, Chain Ladder, Direct Bury (Landscape Structures® PlayBooster® 153351A)	1,805.99	179.32
11 68 13 00-0604	EA	48" - 56" Deck, SteelX, Chain Ladder, Direct Bury (Landscape Structures® PlayBooster® 153351B)	1,879.06	179.32
11 68 13 00-0605	EA	64" - 72" Deck, SteelX, Chain Ladder, Direct Bury (Landscape Structures® PlayBooster® 153351C)	1,979.54	179.32
11 68 13 00-0606	EA	48" Deck, Cliff Climber (Landscape Structures® PlayBooster® 122570A)	2,417.97	179.32
11 68 13 00-0607	EA	56" Deck, Cliff Climber (Landscape Structures® PlayBooster® 122570B)	2,436.24	179.32
11 68 13 00-0608	EA	64" Deck, Cliff Climber (Landscape Structures® PlayBooster® 122570C)	2,865.53	179.32
11 68 13 00-0609	EA	72" Deck, Cliff Climber (Landscape Structures® PlayBooster® 122570D)	2,883.80	179.32
11 68 13 00-0610	EA	48" Deck, SteelX, Cliff Climber (Landscape Structures® PlayBooster® 139501A)	2,801.60	179.32
11 68 13 00-0611	EA	56" Deck, SteelX, Cliff Climber (Landscape Structures® PlayBooster® 139501B)	2,847.27	179.32
11 68 13 00-0612	EA	64" Deck, SteelX, Cliff Climber (Landscape Structures® PlayBooster® 139501C)	3,276.56	179.32
11 68 13 00-0613	EA	72" Deck, SteelX, Cliff Climber (Landscape Structures® PlayBooster® 139501D)	3,303.97	179.32
11 68 13 00-0614	EA	72" Deck, Conical Climber (Landscape Structures® PlayBooster® 143199A)	5,478.66	251.05
11 68 13 00-0615	EA	40" Deck, Conical Climber (Landscape Structures® PlayBooster® 143199B)	4,492.18	251.05
11 68 13 00-0616	EA	32" - 48" Deck, Corkscrew Climber (Landscape Structures® PlayBooster® 148432A)	1,581.80	143.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0617	EA	56" - 72" Deck, Corkscrew Climber (Landscape Structures® PlayBooster® 148432B)	1,782.75	143.46
11 68 13 00-0618	EA	32" - 48" Deck, SteelX, Corkscrew Climber (Landscape Structures® PlayBooster® 148437A)	1,983.69	143.46
11 68 13 00-0619	EA	56" - 72" Deck, SteelX, Corkscrew Climber (Landscape Structures® PlayBooster® 148437B)	2,239.45	143.46
11 68 13 00-0620	EA	64" - 72" Deck, Corner Climber (Landscape Structures® PlayBooster® 143198A)	5,360.72	322.79
11 68 13 00-0621	EA	SpaceLink Climber, Net Climber, 72" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145106A)	7,340.38	107.60
11 68 13 00-0622	EA	Manta Ray Climber, Net Climber, 48" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145108A)	7,301.30	286.92
11 68 13 00-0623	EA	Manta Ray Climber, Net Climber, 56" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145108B)	7,301.30	286.92
11 68 13 00-0624	EA	Manta Ray Climber, 64" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145108C)	7,301.30	286.92
11 68 13 00-0625	EA	SpaceLink Climber, Net Climber, 48" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145240A)	7,340.38	107.60
11 68 13 00-0626	EA	Star Seeker Climber, Net Climber, 72" Deck (Attaches To Square Decks Only, Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 148039A)	4,641.69	143.46
11 68 13 00-0627	EA	SpaceWalk Climber, Net Climber, Deck-To-Deck, 32" - 48" Deck (Landscape Structures® PlayBooster® 145107A)	9,482.71	143.46
11 68 13 00-0628	EA	Funnel Climber, Net Climber (Landscape Structures® PlayBooster® 145109A)	5,258.64	179.32
11 68 13 00-0629	EA	Funnel Climber, Short Brace, Net Climber (Landscape Structures® PlayBooster® 145248A)	242.46	35.86
11 68 13 00-0630	EA	Funnel Climber, Long Brace, Net Climber (Landscape Structures® PlayBooster® 145249A)	279.00	35.86
11 68 13 00-0631	EA	Funnel Climber, Vertical Ladder, Net Climber (Landscape Structures® PlayBooster® 145250A)	1,037.12	35.86
11 68 13 00-0632	EA	Funnel Climber, Handhold Panels, Net Climber (Landscape Structures® PlayBooster® 145251A)	370.34	35.86
11 68 13 00-0633	EA	40" Deck, Cozy Climber (Landscape Structures® PlayBooster® 123293A)	3,281.53	215.19
11 68 13 00-0634	EA	48" Deck, Cozy Climber (Landscape Structures® PlayBooster® 123293B)	3,519.01	215.19
11 68 13 00-0635	EA	40" Deck, 90 Degree Tri-Deck, Cozy Climber (Landscape Structures® PlayBooster® 126374A)	3,683.43	215.19
11 68 13 00-0636	EA	48" Deck, 90 Degree Tri-Deck, Cozy Climber (Landscape Structures® PlayBooster® 126374B)	4,021.38	215.19
11 68 13 00-0637	EA	40" Deck, SteelX, Cozy Climber (Landscape Structures® PlayBooster® 139500A)	3,683.43	215.19
11 68 13 00-0638	EA	48" Deck, SteelX, Cozy Climber (Landscape Structures® PlayBooster® 139500B)	3,948.31	215.19
11 68 13 00-0639	EA	1-Step With Barrier, Deck Links (Landscape Structures® PlayBooster® 152907A)	1,841.71	107.60
11 68 13 00-0640	EA	2-Steps With Barrier, Deck Links (Landscape Structures® PlayBooster® 152907B)	2,608.96	107.60
11 68 13 00-0641	EA	3-Steps With Barrier, Deck Links (Landscape Structures® PlayBooster® 152907C)	3,385.35	107.60
11 68 13 00-0642	EA	4-Steps With Barrier, Deck Links (Landscape Structures® PlayBooster® 152907D)	4,152.61	107.60
11 68 13 00-0643	EA	1-Step With Handrail, Deck Links (Landscape Structures® PlayBooster® 152908A)	1,777.77	107.60
11 68 13 00-0644	EA	2-Steps With Handrail, Deck Links (Landscape Structures® PlayBooster® 152908B)	2,033.52	107.60
11 68 13 00-0645	EA	3-Steps With Handrail, Deck Links (Landscape Structures® PlayBooster® 152908C)	2,298.41	107.60
11 68 13 00-0646	EA	4-Steps With Handrail, Deck Links (Landscape Structures® PlayBooster® 152908D)	2,408.02	107.60
11 68 13 00-0647	EA	1-Step With Handrail, SteelX, Deck Links (Landscape Structures® PlayBooster® 152910A)	2,124.86	107.60
11 68 13 00-0648	EA	2-Steps With Handrail, SteelX, Deck Links (Landscape Structures® PlayBooster® 152910B)	2,398.88	107.60
11 68 13 00-0649	EA	3-Steps With Handrail, SteelX, Deck Links (Landscape Structures® PlayBooster® 152910C)	2,654.63	107.60
11 68 13 00-0650	EA	4-Steps With Handrail, SteelX, Deck Links (Landscape Structures® PlayBooster® 152910D)	2,910.39	107.60
11 68 13 00-0651	EA	48" To 48" Deck Or 56" To 56" Deck, Double Wave Climber (Landscape Structures® PlayBooster® 122916A)	5,031.09	251.05
11 68 13 00-0652	EA	64" To 64" Deck Or 72" To 72" Deck, Double Wave Climber (Landscape Structures® PlayBooster® 122916B)	5,158.97	251.05
11 68 13 00-0653	EA	48" To 64" Deck Or 56" To 72" Deck, Double Wave Climber (Landscape Structures® PlayBooster® 122916C)	5,085.89	251.05
11 68 13 00-0654	EA	48" To 48" Deck Or 56" To 56" Deck, SteelX, Double Wave Climber (Landscape Structures® PlayBooster® 139488A)	5,844.02	251.05
11 68 13 00-0655	EA	64" To 64" Deck Or 72" To 72" Deck, SteelX, Double Wave Climber (Landscape Structures® PlayBooster® 139488B)	5,971.89	251.05
11 68 13 00-0656	EA	48" To 64" Deck Or 56" To 72" Deck, SteelX, Double Wave Climber (Landscape Structures® PlayBooster® 139488C)	5,917.09	251.05
11 68 13 00-0657	EA	40" - 48" Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 122914A)	1,961.27	179.32
11 68 13 00-0658	EA	56" Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 122914B)	2,153.08	179.32
11 68 13 00-0659	EA	64" - 72" Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 122914C)	2,354.03	179.32
11 68 13 00-0660	EA	40" - 48" Deck, 90 Degree Tri-Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 125688A)	2,532.54	215.19
11 68 13 00-0661	EA	56" Deck, 90 Degree Tri-Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 125688B)	2,733.49	215.19
11 68 13 00-0662	EA	64" - 72" Deck, 90 Degree Tri-Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 125688C)	2,925.30	215.19
11 68 13 00-0663	EA	40" - 48" Deck, SteelX, Loop Arch Climber (Landscape Structures® PlayBooster® 139493A)	2,363.16	179.32
11 68 13 00-0664	EA	56" Deck, SteelX, Loop Arch Climber (Landscape Structures® PlayBooster® 139493B)	2,545.84	179.32
11 68 13 00-0665	EA	64" - 72" Deck, SteelX, Loop Arch Climber (Landscape Structures® PlayBooster® 139493C)	2,755.93	179.32
11 68 13 00-0666	EA	40" - 48" Deck, Loop Ladder (Landscape Structures® PlayBooster® 128252A)	1,362.58	143.46
11 68 13 00-0667	EA	40" - 48" Deck, SteelX, Loop Ladder (Landscape Structures® PlayBooster® 139495A)	1,764.48	143.46
11 68 13 00-0668	EA	32" - 48" Deck, Loop Pole (Landscape Structures® PlayBooster® 148434A)	1,581.80	143.46
11 68 13 00-0669	EA	56" - 72" Deck, Loop Pole (Landscape Structures® PlayBooster® 148434B)	1,709.67	143.46
11 68 13 00-0670	EA	32" - 48" Deck, SteelX, Loop Pole (Landscape Structures® PlayBooster® 148438A)	1,983.69	143.46
11 68 13 00-0671	EA	56" - 72" Deck, SteelX, Loop Pole (Landscape Structures® PlayBooster® 148438B)	2,093.30	143.46
11 68 13 00-0672	EA	24" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247A)	1,172.45	95.64
11 68 13 00-0673	EA	32" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247B)	1,291.19	95.64
11 68 13 00-0674	EA	40" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247C)	1,437.33	95.64
11 68 13 00-0675	EA	48" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247D)	1,722.97	107.60
11 68 13 00-0676	EA	56" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247E)	1,942.18	107.60
11 68 13 00-0677	EA	64" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247F)	2,143.13	107.60
11 68 13 00-0678	EA	72" Deck-To-Ground, Panel Vertical Ladder (Landscape Structures® PlayBooster® 116247G)	2,417.15	107.60
11 68 13 00-0679	EA	48" Deck Height Difference, Single Wave Climber (Landscape Structures® PlayBooster® 122915A)	2,517.62	107.60
11 68 13 00-0680	EA	64" Deck Height Difference, Single Wave Climber (Landscape Structures® PlayBooster® 122915B)	2,608.96	107.60
11 68 13 00-0681	EA	48" Deck Height Difference, SteelX, Single Wave Climber (Landscape Structures® PlayBooster® 139487A)	2,919.52	107.60
11 68 13 00-0682	EA	64" Deck Height Difference, SteelX, Single Wave Climber (Landscape Structures® PlayBooster® 139487B)	3,019.99	107.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0683	EA	48" - 56" Deck, Snake Climber (Landscape Structures® PlayBooster® 122913A)	2,500.17	179.32
11 68 13 00-0684	EA	64" - 72" Deck, Snake Climber (Landscape Structures® PlayBooster® 122913B)	2,618.92	179.32
11 68 13 00-0685	EA	48" - 56" Deck, 90 Degree Tri-Deck, Snake Climber (Landscape Structures® PlayBooster® 126375A)	3,418.54	215.19
11 68 13 00-0686	EA	64" - 72" Deck, 90 Degree Tri-Deck, Snake Climber (Landscape Structures® PlayBooster® 126375B)	3,564.68	215.19
11 68 13 00-0687	EA	48" - 56" Deck, SteelX, Snake Climber (Landscape Structures® PlayBooster® 139490A)	2,902.07	179.32
11 68 13 00-0688	EA	64" - 72" Deck, SteelX, Snake Climber (Landscape Structures® PlayBooster® 139490B)	3,011.68	179.32
11 68 13 00-0689	EA	32" Deck, Spiral Climber (Landscape Structures® PlayBooster® 122533A)	1,335.18	143.46
11 68 13 00-0690	EA	40" - 48" Deck, Spiral Climber (Landscape Structures® PlayBooster® 122533B)	1,782.75	143.46
11 68 13 00-0691	EA	56" - 64" Deck, Spiral Climber (Landscape Structures® PlayBooster® 122533C)	2,241.93	167.37
11 68 13 00-0692	EA	72" Deck, Spiral Climber (Landscape Structures® PlayBooster® 122533D)	2,698.63	167.37
11 68 13 00-0693	EA	32" Deck, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 116246A)	2,157.24	143.46
11 68 13 00-0694	EA	40" Deck, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 116246B)	2,294.25	143.46
11 68 13 00-0695	EA	48" - 56" Deck, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 116246C)	2,613.94	143.46
11 68 13 00-0696	EA	64" - 72" Deck, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 116246D)	2,933.63	143.46
11 68 13 00-0697	EA	32" Deck, SteelX, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 139492A)	2,568.27	143.46
11 68 13 00-0698	EA	40" Deck, SteelX, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 139492B)	2,696.15	143.46
11 68 13 00-0699	EA	48" - 56" Deck, SteelX, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 139492C)	3,015.84	143.46
11 68 13 00-0700	EA	64" - 72" Deck, SteelX, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 139492D)	3,344.66	143.46
11 68 13 00-0701	EA	Mini Summit Climber 40" To 48" Decks (Landscape Structures® PlayBooster® 153076A)	1,620.97	215.19
11 68 13 00-0702	EA	64" And 72" Decks, (64" Avail. For Direct Bury Only) (Landscape Structures® PlayBooster® 128608A)	1,892.35	143.46
11 68 13 00-0703	EA	PlayOdyssey 72" Deck (Landscape Structures® PlayBooster® 129453A)	2,084.98	215.19
11 68 13 00-0704	EA	48" Deck-To-Ground, Thunderhead Climber With Aluminum Posts (Landscape Structures® PlayBooster® 139778A)	8,437.15	573.84
11 68 13 00-0705	EA	48" Deck-To-Ground, Thunderhead Climber With Steel Posts (Landscape Structures® PlayBooster® 139778B)	8,437.15	573.84
11 68 13 00-0706	EA	48" Deck, Vertical Ascent Climber (Landscape Structures® PlayBooster® 145624A)	1,691.41	143.46
11 68 13 00-0707	EA	56" Deck, Vertical Ascent Climber (Landscape Structures® PlayBooster® 145624B)	1,691.41	143.46
11 68 13 00-0708	EA	64" Deck, Vertical Ascent Climber (Landscape Structures® PlayBooster® 145624C)	1,864.95	143.46
11 68 13 00-0709	EA	72" Deck, Vertical Ascent Climber (Landscape Structures® PlayBooster® 145624D)	1,864.95	143.46
11 68 13 00-0710	EA	24" - 32" Deck, Vertical Ladder (Landscape Structures® PlayBooster® 116249A)	1,092.72	107.60
11 68 13 00-0711	EA	40" - 48" Deck, Vertical Ladder (Landscape Structures® PlayBooster® 116249B)	1,174.93	107.60
11 68 13 00-0712	EA	56" Deck, Vertical Ladder (Landscape Structures® PlayBooster® 116249C)	1,229.73	107.60
11 68 13 00-0713	EA	64" - 72" Deck, Vertical Ladder (Landscape Structures® PlayBooster® 116249D)	1,302.80	107.60
11 68 13 00-0714	EA	24" - 32" Deck, 90 Degree Tri-Deck, Vertical Ladder (Landscape Structures® PlayBooster® 126372A)	1,704.70	107.60
11 68 13 00-0715	EA	40" - 48" Deck, 90 Degree Tri-Deck, Vertical Ladder (Landscape Structures® PlayBooster® 126372B)	1,777.77	107.60
11 68 13 00-0716	EA	56" Deck, 90 Degree Tri-Deck, Vertical Ladder (Landscape Structures® PlayBooster® 126372C)	1,841.71	107.60
11 68 13 00-0717	EA	64" - 72" Deck, 90 Degree Tri-Deck, Vertical Ladder (Landscape Structures® PlayBooster® 126372D)	1,923.91	107.60
11 68 13 00-0718	EA	24" - 32" Deck, SteelX, Vertical Ladder (Landscape Structures® PlayBooster® 139494A)	1,485.48	107.60
11 68 13 00-0719	EA	40" - 48" Deck, SteelX, Vertical Ladder (Landscape Structures® PlayBooster® 139494B)	1,540.29	107.60
11 68 13 00-0720	EA	56" Deck, SteelX, Vertical Ladder (Landscape Structures® PlayBooster® 139494C)	1,622.49	107.60
11 68 13 00-0721	EA	64" - 72" Deck, SteelX, Vertical Ladder (Landscape Structures® PlayBooster® 139494D)	1,704.70	107.60
11 68 13 00-0722	EA	56" Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 123284D)	1,276.22	179.32
11 68 13 00-0723	EA	64" Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 123284E)	1,321.89	179.32
11 68 13 00-0724	EA	72" Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 123284F)	1,404.09	179.32
11 68 13 00-0725	EA	32" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371A)	1,769.45	179.32
11 68 13 00-0726	EA	40" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371B)	1,842.53	179.32
11 68 13 00-0727	EA	48" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371C)	1,897.33	179.32
11 68 13 00-0728	EA	56" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371D)	1,961.27	179.32
11 68 13 00-0729	EA	64" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371E)	2,025.21	179.32
11 68 13 00-0730	EA	72" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371F)	2,089.14	179.32
11 68 13 00-0731	EA	32" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502A)	1,486.30	179.32
11 68 13 00-0732	EA	40" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502B)	1,559.37	179.32
11 68 13 00-0733	EA	48" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502C)	1,605.04	179.32
11 68 13 00-0734	EA	56" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502D)	1,650.71	179.32
11 68 13 00-0735	EA	64" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502E)	1,705.52	179.32
11 68 13 00-0736	EA	72" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502F)	1,787.72	179.32
11 68 13 00-0737	EA	Overhead Events Air Dancer Overhead Event, Max. 32" Decks (Landscape Structures® PlayBooster® 121952A)	2,522.60	143.46
11 68 13 00-0738	EA	Overhead Events Swing Out Overhead Event, 16" Deck Height Only (Landscape Structures® PlayBooster® 120872A)	1,777.77	107.60
11 68 13 00-0739	EA	Overhead Events Triple Ring Fling Overhead Event, 24" Or 32" Deck-To-Ground (Landscape Structures® PlayBooster® 123824A)	3,564.68	215.19
11 68 13 00-0740	EA	Overhead Events Ring Pull, Brown Rings Only, Intended For Wheelchair Users (Landscape Structures® PlayBooster® 130873A)	895.94	71.73
11 68 13 00-0741	EA	Overhead Events 90 Degree Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142890A)	2,522.60	143.46
11 68 13 00-0742	EA	Overhead Events Circular Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142891A)	4,532.89	215.19
11 68 13 00-0743	EA	Overhead Events C-Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142883A)	3,596.25	179.32
11 68 13 00-0744	EA	Overhead Events Ring-a-Ling Overhead Event, Max. 32" Decks (Landscape Structures® PlayBooster® 126203A)	3,418.54	215.19
11 68 13 00-0745	EA	Overhead Events Wave Net, CableCore Climbing Cable, Max. 32" Decks (Landscape Structures® PlayBooster® 126274A)	3,815.47	179.32
11 68 13 00-0746	EA	Overhead Events Trapeze Horizontal Ladder, 18" Wide, Max. 32" Decks (Landscape Structures® PlayBooster® 111468A)	2,472.77	179.32
11 68 13 00-0747	EA	Overhead Events Inclined Horizontal Ladder, 16" - 32" Decks, 16" Incline (Landscape Structures® PlayBooster® 142889A)	1,562.72	71.73
11 68 13 00-0748	EA	Overhead Events Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142887A)	1,526.19	71.73
11 68 13 00-0749	EA	Overhead Events Overhead Parallel Bars, Max. 32" Decks (Landscape Structures® PlayBooster® 119430A)	1,608.39	71.73
11 68 13 00-0750	EA	Overhead Events Horizontal Ladder, 84" Module, Max. 16" Decks, 12" Max. Rung Spacing (Landscape Structures® PlayBooster® 139782A)	1,243.03	71.73
11 68 13 00-0751	EA	Overhead Events Wave Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 119613A)	1,718.00	71.73
11 68 13 00-0752	EA	Overhead Events Single Beam Loop Horizontal Ladder, 84" Module, Max. 32" Decks (Landscape Structures® PlayBooster® 119805A)	1,380.04	71.73
11 68 13 00-0753	EA	Overhead Events Single Beam Loop Horizontal Ladder, 123" Module, Max. 32" Decks (Landscape Structures® PlayBooster® 119806A)	1,754.54	71.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0754	EA	Overhead Events S-Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142884A)	3,596.25	179.32
11 68 13 00-0755	EA	Overhead Events Single S-Parallel Bar, Max. 32" Decks (Landscape Structures® PlayBooster® 119979A)	1,526.19	71.73
11 68 13 00-0756	EA	Overhead Events Wiggle Ring Bridge, Max. 32" Decks (Landscape Structures® PlayBooster® 148639A)	2,626.43	35.86
11 68 13 00-0757	EA	Overhead Events S-Ring Bridge, With (2) 2" Crossovers, Max. 32" Decks, Brown Rings Only (Landscape Structures® PlayBooster® 111467A)	2,261.87	107.60
11 68 13 00-0758	EA	Overhead Events Ring Bridge, With (2) 2" Crossovers, Max. 32" Decks, Brown Rings Only (Landscape Structures® PlayBooster® 111467B)	2,006.12	107.60
11 68 13 00-0759	EA	116" Steel Posts, End Vertical Ladder (Landscape Structures® PlayBooster® 111273B)	1,727.94	143.46
11 68 13 00-0760	EA	132" Steel Posts, End Vertical Ladder (For Use With Ring Bridges) (Landscape Structures® PlayBooster® 116208B)	1,819.28	143.46
11 68 13 00-0761	EA	10' Module, Track Ride Without Supports, With (2) Crossovers, Max. 16" Decks (Landscape Structures® PlayBooster® 111353A)	3,381.20	143.46
11 68 13 00-0762	EA	18' Module, Track Ride Without Supports, With (2) Crossovers, Max. 16" Decks (Landscape Structures® PlayBooster® 112465A)	3,801.36	143.46
11 68 13 00-0763	EA	16" - 24" Decks, Spring Across Bridge (Landscape Structures® PlayBooster® 136156A)	4,849.22	322.79
11 68 13 00-0764	EA	90 Degree, 8" - 72" Decks, Curved Bridge, Bridge Planks Brown Only (Landscape Structures® PlayBooster® 120211A)	6,160.36	358.65
11 68 13 00-0765	EA	C Or S, 8" - 72" Decks, Curved Bridge, Bridge Planks Brown Only (Landscape Structures® PlayBooster® 120689A)	13,334.59	717.30
11 68 13 00-0766	EA	16" To 32" Deck, Pod Bridge, Direct Bury (Landscape Structures® PlayBooster® 127234A)	7,312.05	430.39
11 68 13 00-0767	EA	42" Module, Arch Bridge, Permalene Barrier, Bridge Plank (Landscape Structures® PlayBooster® 114665A)	2,887.15	71.73
11 68 13 00-0768	EA	42" Module, Arch Bridge, SteelX, Bridge Plank (Landscape Structures® PlayBooster® 139383A)	3,078.97	71.73
11 68 13 00-0769	EA	123" Module, Arch Bridge With Guardrail, Max. 40" Decks (Landscape Structures® PlayBooster® 143677A)	5,624.00	179.32
11 68 13 00-0770	EA	123" Module, Arch Bridge With Barrier, Max. 72" Decks (Landscape Structures® PlayBooster® 143677B)	7,240.72	179.32
11 68 13 00-0771	EA	42" Module, Belt Bridge, Permalene Barrier (Landscape Structures® PlayBooster® 114373A)	2,946.92	107.60
11 68 13 00-0772	EA	84" Module, 24" - 48" Decks, Belt Bridge (Landscape Structures® PlayBooster® 120310A)	4,469.76	286.92
11 68 13 00-0773	EA	123" Module, 24" - 48" Decks, Belt Bridge (Landscape Structures® PlayBooster® 120624A)	5,163.94	286.92
11 68 13 00-0774	EA	Bridge/Ramp Transition Bracket, Brown Only (Landscape Structures® PlayBooster® 111345A)	443.41	35.86
11 68 13 00-0775	EA	Ramp Exit/Wall Mount Plate, Surface Mount, Brown Only (Landscape Structures® PlayBooster® 111346A)	672.56	107.60
11 68 13 00-0776	EA	Ramp Exit Plate, Direct Bury, Brown Only (Landscape Structures® PlayBooster® 111346B)	818.70	107.60
11 68 13 00-0777	EA	Ramp Berm Exit Plate, Brown Only (Landscape Structures® PlayBooster® 120325A)	654.29	107.60
11 68 13 00-0778	EA	84" Module, Clatterbridge, Brown Planks Only, With Handrails For 24" - 48" Decks (Landscape Structures® PlayBooster® 143194A)	4,816.04	215.19
11 68 13 00-0779	EA	123" Module, Clatterbridge, Brown Planks Only, With Handrails For 24" - 48" Decks (Landscape Structures® PlayBooster® 143195A)	6,099.77	251.05
11 68 13 00-0780	EA	84" Module, Clatterbridge, Brown Planks Only, With Barrier For 24" To 72" Decks (Landscape Structures® PlayBooster® 147424A)	6,907.73	215.19
11 68 13 00-0781	EA	123" Module, Clatterbridge, Brown Planks Only, With Barrier For 24" To 72" Decks (Landscape Structures® PlayBooster® 147425A)	8,442.24	215.19
11 68 13 00-0782	EA	84" Module, Disc Challenge, Max. 24" Decks, With 2 Handhold Panels (Landscape Structures® PlayBooster® 120873A)	4,234.70	502.11
11 68 13 00-0783	EA	123" Module, Disc Challenge, Max. 24" Decks, With 2 Handhold Panels (Landscape Structures® PlayBooster® 121416A)	5,852.22	573.84
11 68 13 00-0784	EA	S-Disc Challenge, 123" Module, Disc Challenge, Max. 24" Decks, With 2 Handhold Panels (Landscape Structures® PlayBooster® 136157A)	5,852.22	573.84
11 68 13 00-0785	EA	16" Deck Height Difference, Peek And Creep Ramp, Brown Wire Plank Only, With Barriers (Landscape Structures® PlayBooster® 152443A)	4,302.92	71.73
11 68 13 00-0786	EA	16" Deck Height Difference, Peek And Creep Ramp, Brown Wire Plank Only, With Guardrails (Landscape Structures® PlayBooster® 152444A)	2,814.08	71.73
11 68 13 00-0787	EA	Wire Crawl Tunnel (Landscape Structures® PlayBooster® 119641A)	3,259.09	251.05
11 68 13 00-0788	EA	64" Straight, 8" - 72" Decks, Crawl Tunnel (Landscape Structures® PlayBooster® 126204B)	3,591.28	143.46
11 68 13 00-0789	EA	90 Degree Curved, 8" - 72" Deck, Crawl Tunnel (Landscape Structures® PlayBooster® 142892A)	4,258.06	143.46
11 68 13 00-0790	EA	32" Straight, 8" - 72" Decks, Crawl Tunnel (Landscape Structures® PlayBooster® 126204A)	2,750.95	143.46
11 68 13 00-0791	EA	C-Inclined, 16" Deck Height Difference, Crawl Tunnel, 30" Diameter, Permalene Panels, Maximum 48" Decks, Deck-To-Deck Applications (Landscape Structures® PlayBooster® 117088A)	7,009.01	286.92
11 68 13 00-0792	EA	S-Inclined, 16" Deck Height Difference, Crawl Tunnel, 30" Diameter, Permalene Panels, Maximum 48" Decks, Deck-To-Deck Applications (Landscape Structures® PlayBooster® 117088B)	7,009.01	286.92
11 68 13 00-0793	EA	C-Straight, Crawl Tunnel, 30" Diameter, Permalene Panels, Maximum 48" Decks, Deck-To-Deck Applications (Landscape Structures® PlayBooster® 117089A)	7,009.01	286.92
11 68 13 00-0794	EA	S-Straight, Crawl Tunnel, 30" Diameter, Permalene Panels, Maximum 48" Decks, Deck-To-Deck Applications (Landscape Structures® PlayBooster® 117089B)	7,009.01	286.92
11 68 13 00-0795	EA	24" Deck Height Difference, Offset Crawl Tunnel (Landscape Structures® PlayBooster® 129042A)	4,492.18	251.05
11 68 13 00-0796	EA	8" Deck Height Difference, Offset Crawl Tunnel (Landscape Structures® PlayBooster® 119930A)	3,980.68	251.05
11 68 13 00-0797	EA	16" Deck Height Difference, Offset Crawl Tunnel (Landscape Structures® PlayBooster® 122589A)	4,108.56	251.05
11 68 13 00-0798	EA	Math Panel, Red Discs Only, Enclosure (Landscape Structures® PlayBooster® 115232A)	2,195.46	95.64
11 68 13 00-0799	EA	Spelling Panel, Red Discs Only, Enclosure (Landscape Structures® PlayBooster® 115233A)	2,085.85	95.64
11 68 13 00-0800	EA	Gear Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 117146A)	2,457.85	71.73
11 68 13 00-0801	EA	Hourglass Panel, Enclosure (Landscape Structures® PlayBooster® 123319A)	1,900.68	71.73
11 68 13 00-0802	EA	Image Panel, 176 Play Blocks, Enclosure (Landscape Structures® PlayBooster® 127681A)	1,830.10	95.64
11 68 13 00-0803	EA	Slant Window Panel, Enclosure (Landscape Structures® PlayBooster® 115222A)	1,693.09	95.64
11 68 13 00-0804	EA	Bubble Panel, Enclosure (Landscape Structures® PlayBooster® 115223A)	1,124.29	71.73
11 68 13 00-0805	EA	Puppet Panel, Enclosure (Landscape Structures® PlayBooster® 115225A)	832.00	71.73
11 68 13 00-0806	EA	Zoo Panel, Enclosure (Landscape Structures® PlayBooster® 115227A)	841.14	71.73
11 68 13 00-0807	EA	Ball Maze Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 115236A)	1,608.39	71.73
11 68 13 00-0808	EA	Match 4 Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 127678A)	1,309.46	95.64
11 68 13 00-0809	EA	Finger Maze Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 115229A)	1,005.55	71.73
11 68 13 00-0810	EA	Tracing Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 115230A)	1,005.55	71.73
11 68 13 00-0811	EA	Mirror Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 115234A)	1,526.19	71.73
11 68 13 00-0812	EA	Pilot Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 119514A)	1,462.25	71.73
11 68 13 00-0813	EA	Space Travel Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 123483A)	1,727.13	71.73
11 68 13 00-0814	EA	Braille And Clock Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 123844A)	2,055.96	71.73
11 68 13 00-0815	EA	Chimes Panel, Enclosure (Landscape Structures® PlayBooster® 115243A)	1,900.68	71.73
11 68 13 00-0816	EA	Puppet Panel With Window Above Deck, Enclosure (Landscape Structures® PlayBooster® 115226A)	1,023.82	71.73

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11 68 13 00-0817	EA	Balcony Deck, Brown Tenderdeck Only (Landscape Structures® PlayBooster® 111240A)	1,713.83	107.60
11 68 13 00-0818	EA	Balcony Deck, With Wheel, Brown Tenderdeck Only (Landscape Structures® PlayBooster® 111240B)	1,969.58	107.60
11 68 13 00-0819	EA	Driver Panel, SteelX, Above Deck (Landscape Structures® PlayBooster® 139382A)	1,243.03	71.73
11 68 13 00-0820	EA	Driver Panel, SteelX, Below Deck (Landscape Structures® PlayBooster® 139382B)	1,434.85	71.73
11 68 13 00-0821	EA	Driver Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 115228A)	1,151.69	71.73
11 68 13 00-0822	EA	Storefront Panel, SteelX, Ground-Level Panel (Landscape Structures® PlayBooster® 139378A)	969.01	71.73
11 68 13 00-0823	EA	Hole Panel (SteelX®), Ground-Level Panel (Landscape Structures® PlayBooster® 139381A)	923.34	71.73
11 68 13 00-0824	EA	Slant Entrance Panel, 24" Diameter, Ground-Level Panel (Landscape Structures® PlayBooster® 115242A)	1,588.44	131.50
11 68 13 00-0825	EA	Sand And Water Panel, Ground-Level Panel, Tan Dish Only (Landscape Structures® PlayBooster® 115257A)	2,124.86	107.60
11 68 13 00-0826	EA	Table Panel, Ground-Level Panel (Landscape Structures® PlayBooster® 130565A)	1,446.47	95.64
11 68 13 00-0827	EA	Hole Panel (Permalene®), Ground-Level Panel (Landscape Structures® PlayBooster® 115253A)	832.00	71.73
11 68 13 00-0828	EA	Storefront Panel, Ground-Level Panel (Landscape Structures® PlayBooster® 115254A)	859.40	71.73
11 68 13 00-0829	EA	2 Panels, Handhold Panel (Landscape Structures® PlayBooster® 127953A)	416.01	35.86
11 68 13 00-0830	EA	1 Panel, Handhold Panel (Landscape Structures® PlayBooster® 127953B)	208.92	23.91
11 68 13 00-0831	EA	House Panel (SteelX®) Above Deck (Landscape Structures® PlayBooster® 139380A)	1,085.27	59.78
11 68 13 00-0832	EA	House Panel, SteelX, Below Deck (Landscape Structures® PlayBooster® 139380B)	1,297.84	71.73
11 68 13 00-0833	EA	House Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 115235A)	941.61	71.73
11 68 13 00-0834	EA	Periscope Panel, SteelX, Above Deck (Landscape Structures® PlayBooster® 139379A)	2,357.38	71.73
11 68 13 00-0835	EA	Periscope Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 117957A)	2,055.96	71.73
11 68 13 00-0836	EA	Periscope Panel, SteelX, Below Deck (Landscape Structures® PlayBooster® 139379B)	2,567.46	71.73
11 68 13 00-0837	EA	Pipe Barrier Above Deck, Without Wheel (Landscape Structures® PlayBooster® 116244A)	859.40	71.73
11 68 13 00-0838	EA	Pipe Barrier, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 117680A)	925.83	95.64
11 68 13 00-0839	EA	Pipe Barrier Above Deck, With Wheel (Landscape Structures® PlayBooster® 116244B)	1,096.89	71.73
11 68 13 00-0840	EA	Pipe Barrier, With Wheel, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 117680B)	1,181.58	95.64
11 68 13 00-0841	EA	Pipe Barrier, (For TurboTwister Tunnel Slide) (Landscape Structures® PlayBooster® 125921A)	914.21	71.73
11 68 13 00-0842	EA	Pipe Barrier, With Wheel, (For TurboTwister Tunnel Slide) (Landscape Structures® PlayBooster® 125921B)	1,169.96	71.73
11 68 13 00-0843	EA	Pipe Guardrail (Landscape Structures® PlayBooster® 116245A)	740.66	71.73
11 68 13 00-0844	EA	Pipe Guardrail, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 117681A)	944.10	95.64
11 68 13 00-0845	EA	Wheelchair Accessible Navigator Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 127439A)	890.97	35.86
11 68 13 00-0846	EA	Wheelchair Accessible Trail Tracker Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 127440A)	640.25	35.86
11 68 13 00-0847	EA	Wheelchair Accessible Image Reach Panel, 75 Play Blocks (Landscape Structures® PlayBooster® 129043A)	1,164.99	35.86
11 68 13 00-0848	EA	Wheelchair Accessible Periscope Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 135729A)	1,971.26	59.78
11 68 13 00-0849	EA	Wheelchair Accessible Match 3 Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 135730A)	1,067.00	59.78
11 68 13 00-0850	EA	Wheelchair Accessible Chimes Reach Panel (Landscape Structures® PlayBooster® 135731A)	1,624.17	59.78
11 68 13 00-0851	EA	Recycled Poly Wall (Landscape Structures® PlayBooster® 111267A)	1,224.76	71.73
11 68 13 00-0852	EA	Recycled Poly Wall, With Wheel (Landscape Structures® PlayBooster® 111267B)	1,489.65	71.73
11 68 13 00-0853	EA	Tic-Tac-Toe Panel, SteelX, Above Deck (Landscape Structures® PlayBooster® 139377A)	2,987.63	71.73
11 68 13 00-0854	EA	Tic-Tac-Toe Panel, SteelX, Below Deck (Landscape Structures® PlayBooster® 139377B)	3,218.46	95.64
11 68 13 00-0855	EA	Tic-Tac-Toe Panel, Above Deck, Tan Discs Only (Landscape Structures® PlayBooster® 115231A)	1,864.14	71.73
11 68 13 00-0856	EA	Wire Barrier (Landscape Structures® PlayBooster® 120314A)	962.37	95.64
11 68 13 00-0857	EA	Wire Barrier, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 120315A)	1,163.31	95.64
11 68 13 00-0858	EA	Wire Barrier With Wheel (Landscape Structures® PlayBooster® 120314B)	1,227.25	95.64
11 68 13 00-0859	EA	Wire Barrier With Wheel, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 120315B)	1,428.20	95.64
11 68 13 00-0860	EA	Wire Barrier, (For TurboTwister Tunnel Slide) (Landscape Structures® PlayBooster® 125921C)	1,023.82	71.73
11 68 13 00-0861	EA	Wire Barrier With Wheel, (For TurboTwister Tunnel Slide) (Landscape Structures® PlayBooster® 125921D)	1,288.70	71.73
11 68 13 00-0862	EA	Loop Seats (Landscape Structures® PlayBooster® 118089A)	644.36	35.86
11 68 13 00-0863	EA	Grab Bar, TenderTuff-coated Brown (Landscape Structures® PlayBooster® 120901A)	249.11	23.91
11 68 13 00-0864	EA	Handhold/Leg Lift, TenderTuff-coated Brown (Landscape Structures® PlayBooster® 120902A)	276.51	23.91
11 68 13 00-0865	EA	Handloop Assembly (Landscape Structures® PlayBooster® 111275A)	363.68	59.78
11 68 13 00-0866	EA	Rail Assembly (Landscape Structures® PlayBooster® 111276A)	354.55	59.78
11 68 13 00-0867	EA	Log Roll, (1) Steel Post, Tan Log Only (Landscape Structures® PlayBooster® 111356B)	1,862.46	131.50
11 68 13 00-0868	EA	Chinning Bar, (1) Steel Post (Landscape Structures® PlayBooster® 111357C)	809.57	107.60
11 68 13 00-0869	EA	Turning Bar, (1) Steel Post (Landscape Structures® PlayBooster® 111357D)	754.76	107.60
11 68 13 00-0870	EA	Parallel Bars, Without Posts (Landscape Structures® PlayBooster® 111361A)	959.88	71.73
11 68 13 00-0871	EA	Orbiter Spinner, (Requires Steel Post, Avail. For Direct Bury Only) (Landscape Structures® PlayBooster® 153590A)	2,554.16	107.60
11 68 13 00-0872	EA	48" Deck, Talk Tubes For PlayOdyssey Pod, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 129079A)	900.11	35.86
11 68 13 00-0873	EA	72" Deck, Talk Tubes For PlayOdyssey Pod, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 129079B)	954.91	35.86
11 68 13 00-0874	EA	Ground Level, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363A)	680.89	35.86
11 68 13 00-0875	EA	16" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363B)	690.03	35.86
11 68 13 00-0876	EA	24" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363C)	699.16	35.86
11 68 13 00-0877	EA	32" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363D)	708.29	35.86
11 68 13 00-0878	EA	40" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363E)	717.43	35.86
11 68 13 00-0879	EA	48" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363F)	735.70	35.86
11 68 13 00-0880	EA	56" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363G)	744.83	35.86
11 68 13 00-0881	EA	64" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363H)	763.10	35.86
11 68 13 00-0882	EA	72" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363I)	772.23	35.86
11 68 13 00-0883	EA	Arch Roof, (Excludes Arches) (Landscape Structures® PlayBooster® 111256A)	1,064.52	35.86
11 68 13 00-0884	EA	Recycled 2x4 Roof (Landscape Structures® PlayBooster® 111260A)	3,264.07	286.92
11 68 13 00-0885	EA	Recycled Peak Roof (Landscape Structures® PlayBooster® 111408A)	4,570.23	286.92
11 68 13 00-0886	EA	Hex Shingle Roof (Landscape Structures® PlayBooster® 130567A)	3,747.36	215.19
11 68 13 00-0887	EA	Square SteelX Roof (Landscape Structures® PlayBooster® 139375A)	3,993.98	215.19
11 68 13 00-0888	EA	Hex SteelX Roof (Landscape Structures® PlayBooster® 139376A)	6,209.38	251.05
11 68 13 00-0889	EA	Flag Pole With Permalene Flag (For SteelX Hex Roof Or SteelX Square Roof Only) (Landscape Structures® PlayBooster® 139464A)	386.12	23.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0890	EA	Full Sail, CoolToppers Shade System (Direct Bury Only) (Landscape Structures® PlayBooster® 136488A)	15,418.75	860.76
11 68 13 00-0891	EA	Single Post Shade, CoolToppers Shade System (Direct Bury Only) (Landscape Structures® PlayBooster® 154884A)	5,159.66	717.30
11 68 13 00-0892	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 48" Deck With Roof, With Center Access (Landscape Structures® PlayBooster® 128980A)	26,366.14	1,291.15
11 68 13 00-0893	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 48" Deck Without Roof, With Center Access (Landscape Structures® PlayBooster® 128980B)	20,639.13	1,291.15
11 68 13 00-0894	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 48" Deck Without Roof, Without Center Access (Landscape Structures® PlayBooster® 128980C)	19,533.91	1,291.15
11 68 13 00-0895	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 72" Deck With Roof, With Center Access (Landscape Structures® PlayBooster® 128980D)	26,521.42	1,291.15
11 68 13 00-0896	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 72" Deck Without Roof, With Center Access (Landscape Structures® PlayBooster® 128980E)	20,794.40	1,291.15
11 68 13 00-0897	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 72" Deck Without Roof, Without Center Access (Landscape Structures® PlayBooster® 128980F)	19,698.32	1,291.15
11 68 13 00-0898	EA	Square Tenderdeck, Brown Only (Landscape Structures® PlayBooster® 111228A)	1,352.64	71.73
11 68 13 00-0899	EA	Square Tenderdeck, Extension, Brown Only (Landscape Structures® PlayBooster® 111229A)	1,297.84	71.73
11 68 13 00-0900	EA	Square Tenderdeck, Corner, Brown Only (Landscape Structures® PlayBooster® 111230A)	1,261.30	71.73
11 68 13 00-0901	EA	Triangular Tenderdeck, Brown Only (Landscape Structures® PlayBooster® 111231A)	1,018.85	35.86
11 68 13 00-0902	EA	Hexagon Tenderdeck, Brown Only (Landscape Structures® PlayBooster® 111232A)	3,815.47	179.32
11 68 13 00-0903	EA	Triangular Tenderdeck, Extension, Brown Only (Landscape Structures® PlayBooster® 119646A)	1,012.19	59.78
11 68 13 00-0904	EA	90 Degree Triangular Tenderdeck, Brown Only (Landscape Structures® PlayBooster® 122197A)	1,082.79	35.86
11 68 13 00-0905	EA	Transfer Step, Brown Only (Landscape Structures® PlayBooster® 112471A)	768.06	71.73
11 68 13 00-0906	EA	24" Rise Kick Panel, 2-Color Permalene, With 2-Clamps (Landscape Structures® PlayBooster® 111525A)	619.43	59.78
11 68 13 00-0907	EA	32" Rise Kick Panel, 2-Color Permalene, With 2-Clamps (Landscape Structures® PlayBooster® 111525B)	765.58	59.78
11 68 13 00-0908	EA	To 32" Deck, Curved, Right Or Left Step, Curved Transfer Module (Landscape Structures® PlayBooster® 152911A)	3,337.14	286.92
11 68 13 00-0909	EA	To 40" Deck, Curved, Right Or Left Step, Curved Transfer Module (Landscape Structures® PlayBooster® 152911B)	3,775.57	286.92
11 68 13 00-0910	EA	To 48" Deck, Curved, Right Or Left Step, Curved Transfer Module (Landscape Structures® PlayBooster® 152911C)	3,958.25	286.92
11 68 13 00-0911	EA	To 32" Deck, Curved, Right Or Left Step, SteelX, Curved Transfer Module (Landscape Structures® PlayBooster® 152912A)	3,684.23	286.92
11 68 13 00-0912	EA	To 40" Deck, Curved, Right Or Left Step, SteelX, Curved Transfer Module (Landscape Structures® PlayBooster® 152912B)	4,113.53	286.92
11 68 13 00-0913	EA	To 48" Deck, Curved, Right Or Left Step, SteelX, Curved Transfer Module (Landscape Structures® PlayBooster® 152912C)	4,268.81	286.92
11 68 13 00-0914	EA	Arch For 72" Deck (Landscape Structures® PlayBooster® 111406A)	1,937.22	71.73
11 68 13 00-0915	EA	Arch For 56" - 64" Deck (Landscape Structures® PlayBooster® 111406B)	1,873.28	71.73
11 68 13 00-0916	EA	Arch For 40" - 48" Deck (Landscape Structures® PlayBooster® 111406C)	1,800.21	71.73
11 68 13 00-0917	EA	Arch For 32" Deck (Landscape Structures® PlayBooster® 111406D)	1,781.94	71.73
11 68 13 00-0918	EA	Arch/Ground Level (Landscape Structures® PlayBooster® 111406E)	1,663.20	71.73
11 68 13 00-0919	EA	106"/72" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718J)	646.83	59.78
11 68 13 00-0920	EA	98"/64" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718K)	628.57	59.78
11 68 13 00-0921	EA	90"/56" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718L)	619.43	59.78
11 68 13 00-0922	EA	82"/48" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718M)	610.30	59.78
11 68 13 00-0923	EA	74"/40" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718N)	601.16	59.78
11 68 13 00-0924	EA	66"/32" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718O)	582.90	59.78
11 68 13 00-0925	EA	58"/24" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718P)	573.76	59.78
11 68 13 00-0926	EA	50"/16" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718Q)	564.63	59.78
11 68 13 00-0927	EA	42"/8" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718R)	546.36	59.78
11 68 13 00-0928	EA	106"/72" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405J)	610.30	59.78
11 68 13 00-0929	EA	98"/64" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405K)	601.16	59.78
11 68 13 00-0930	EA	90"/56" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405L)	582.90	59.78
11 68 13 00-0931	EA	82"/48" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405M)	573.76	59.78
11 68 13 00-0932	EA	74"/40" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405N)	564.63	59.78
11 68 13 00-0933	EA	66"/32" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405O)	546.36	59.78
11 68 13 00-0934	EA	58"/24" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405P)	537.23	59.78
11 68 13 00-0935	EA	50"/16" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405Q)	528.09	59.78
11 68 13 00-0936	EA	42"/8" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405R)	518.96	59.78
11 68 13 00-0937	EA	148"/72" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404M)	479.94	35.86
11 68 13 00-0938	EA	140"/64" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404N)	792.33	35.86
11 68 13 00-0939	EA	132"/56" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404O)	443.41	35.86
11 68 13 00-0940	EA	124"/48" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404P)	434.27	35.86
11 68 13 00-0941	EA	116"/40" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404Q)	425.14	35.86
11 68 13 00-0942	EA	108"/32" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404R)	416.01	35.86
11 68 13 00-0943	EA	100"/24" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404S)	397.74	35.86
11 68 13 00-0944	EA	92"/16" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404T)	370.34	35.86
11 68 13 00-0945	EA	84"/8" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404U)	352.07	35.86
11 68 13 00-0946	EA	76"/Ground Level, Posts For Decks (Landscape Structures® PlayBooster® 111404V)	342.93	35.86
11 68 13 00-0947	EA	156"/80" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404W)	543.88	35.86
11 68 13 00-0948	EA	182"/96" Deck (44" Bury), Posts For Decks (Landscape Structures® PlayBooster® 111404Z)	626.09	35.86
11 68 13 00-0949	EA	182"/72" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403K)	553.02	35.86
11 68 13 00-0950	EA	174"/64" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403L)	543.88	35.86
11 68 13 00-0951	EA	166"/56" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403M)	534.75	35.86
11 68 13 00-0952	EA	158"/48" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403N)	516.48	35.86
11 68 13 00-0953	EA	150"/40" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403O)	507.35	35.86
11 68 13 00-0954	EA	142"/32" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403P)	498.21	35.86
11 68 13 00-0955	EA	134"/24" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403Q)	489.08	35.86
11 68 13 00-0956	EA	126"/16" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403R)	479.94	35.86
11 68 13 00-0957	EA	118"/8" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403S)	452.54	35.86
11 68 13 00-0958	EA	110"/Ground Level, Posts For Roofs (Landscape Structures® PlayBooster® 111403T)	443.41	35.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0959	EA	204"/48" Deck (60" Bury), Posts For CoolToppers, Full Sail (Landscape Structures® PlayBooster® 136689A)	2,681.68	1,291.15
11 68 13 00-0960	EA	212"/56" Deck (60" Bury), Posts For CoolToppers, Full Sail (Landscape Structures® PlayBooster® 136689B)	2,690.82	1,291.15
11 68 13 00-0961	EA	220"/64" - 72" Deck (60" Bury), Posts For CoolToppers, Full Sail (Landscape Structures® PlayBooster® 136689C)	2,709.08	1,291.15
11 68 13 00-0962	EA	264"/64" - 72" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883A)	2,382.92	717.30
11 68 13 00-0963	EA	248"/48" - 56" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883B)	2,328.12	717.30
11 68 13 00-0964	EA	232"/32" - 40" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883C)	2,300.71	717.30
11 68 13 00-0965	EA	220"/16" - 24" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883D)	2,145.44	717.30
11 68 13 00-0966	EA	200"/Ground Level - 8" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883E)	2,108.90	717.30
11 68 13 00-0967	EA	Overhead Events Access/Landing Assembly Seat 8" Deck (Landscape Structures® PlayBooster® 141887A)	737.01	71.73
11 68 13 00-0968	EA	132" Aluminum Posts, End Vertical Ladder (For Use With Ring Bridges) (Landscape Structures® PlayBooster® 116208A)	1,901.49	143.46
11 68 13 00-0969	EA	Square Poly Roof, Without Logo Panels (Landscape Structures® PlayBooster® 118110B)	1,645.74	143.46
11 68 13 00-0970	EA	84" Module, Disc Challenge, Max. 40" Decks, With 3 Handhold Panels (Landscape Structures® PlayBooster® 120873B)	3,952.50	215.19
11 68 13 00-0971	EA	84" Module, Disc Challenge, Max. 40" Decks, With 4 Handhold Panels (Landscape Structures® PlayBooster® 120873C)	4,130.99	215.19
11 68 13 00-0972	EA	123" Module, Disc Challenge, Max. 40" Decks, With 3 Handhold Panels (Landscape Structures® PlayBooster® 121416B)	5,574.46	286.92
11 68 13 00-0973	EA	123" Module, Disc Challenge, Max. 40" Decks, With 4 Handhold Panels (Landscape Structures® PlayBooster® 121416C)	5,209.61	286.92
11 68 13 00-0974	EA	106"/72" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718A)	740.66	71.73
11 68 13 00-0975	EA	98"/64" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718B)	713.26	71.73
11 68 13 00-0976	EA	90"/56" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718C)	685.86	71.73
11 68 13 00-0977	EA	82"/48" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718D)	676.72	71.73
11 68 13 00-0978	EA	74"/40" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718E)	598.69	35.86
11 68 13 00-0979	EA	66"/32" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718F)	580.42	35.86
11 68 13 00-0980	EA	58"/24" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718G)	553.02	35.86
11 68 13 00-0981	EA	50"/16" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718H)	543.88	35.86
11 68 13 00-0982	EA	42"/8" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718I)	534.75	35.86
11 68 13 00-0983	EA	Square Peak Tile Roof, Without Logo Panels (Landscape Structures® PlayBooster® 129816B)	1,828.42	143.46
11 68 13 00-0984	EA	32" Decks, Spring Across Bridge With 4 TenderTuff-coated Handloops (Landscape Structures® PlayBooster® 136156B)	5,941.52	286.92
11 68 13 00-0985	EA	S-Disc Challenge, 123" Module, Disc Challenge, Max. 40" Decks, With 3 Handhold Panels (Landscape Structures® PlayBooster® 136157B)	5,574.46	286.92
11 68 13 00-0986	EA	S-Disc Challenge, 123" Module, Disc Challenge, Max. 40" Decks, With 4 Handhold Panels (Landscape Structures® PlayBooster® 136157C)	5,753.72	286.92
11 68 13 00-0987	EA	Hexagon Tenderdeck, With Extension, Brown Only (Landscape Structures® PlayBooster® 154752A)	5,949.47	286.92
11 68 13 00-0988	EA	The Pinnacle Natural Climber (Landscape Structures® PlayBooster® 156066A)	27,640.05	860.76
11 68 13 00-0989	EA	The Pointe Natural Climber (Landscape Structures® PlayBooster® 156068A)	15,634.74	573.84
11 68 13 00-0990	EA	Natural Elements Climber Handholds, Extension Deck And Kick Panel Set, One Set Required Per Associated Deck (Landscape Structures® PlayBooster® 156070A)	1,380.04	71.73
11 68 13 00-0991	EA	Bridge With Guardrails And Curbs, Bridge Plank Brown Only (Landscape Structures® PlayBooster® 156230A)	4,907.38	215.19
11 68 13 00-0992	EA	Bridge With Guardrails, Without Curbs, Bridge Plank Brown Only (Landscape Structures® PlayBooster® 156230B)	4,414.15	215.19
11 68 13 00-0993	EA	Bridge With Barriers, Bridge Plank Brown Only (Landscape Structures® PlayBooster® 156231A)	5,739.38	286.92
11 68 13 00-0994	EA	Ramp With Guardrails And Curbs, 3-Handrails Per Side (Conforms To ASTM And TUV Standard) (Landscape Structures® PlayBooster® 156232A)	5,529.30	286.92
11 68 13 00-0995	EA	Ramp With Guardrails, Without Curbs, 3-Handrails Per Side, (Conforms To ASTM And TUV Standard) (Landscape Structures® PlayBooster® 156232B)	4,925.65	215.19
11 68 13 00-0996	EA	Ramp With Guardrails And Curbs, 2-Handrails Per Side (Conforms To CSA Standard) (Landscape Structures® PlayBooster® 156232C)	4,688.17	215.19
11 68 13 00-0997	EA	Ramp With Guardrails, Without Curbs, 2-Handrails Per Side, (Conforms To CSA Standard) (Landscape Structures® PlayBooster® 156232D)	4,194.93	215.19
11 68 13 00-0998	EA	Ramp With Barriers, Ramp Plank Brown Only (Landscape Structures® PlayBooster® 156233A)	6,771.53	286.92
11 68 13 00-0999	EA	16" Deck, Pod Climber With One Handhold Panel (Landscape Structures® PlayBooster® 156915A)	740.66	71.73
11 68 13 00-1000	EA	24" Deck, Pod Climber With One Handhold Panel (Landscape Structures® PlayBooster® 156916A)	1,096.89	71.73
11 68 13 00-1001	EA	24" Deck, Pod Climber With One Handhold Panel, And One Handloop (Landscape Structures® PlayBooster® 156916B)	1,215.63	71.73
11 68 13 00-1002	EA	32" To 40" Deck, Pod Climber With Two Handhold Panels (Landscape Structures® PlayBooster® 157427A)	1,837.55	143.46
11 68 13 00-1003	EA	32" To 40" Deck, Pod Climber With Two Handhold Panels, And One Handloop (Landscape Structures® PlayBooster® 157427B)	1,965.43	143.46
11 68 13 00-1004	EA	32" To 40" Deck, Pod Climber With Two Handhold Panels, And One Handrail (Landscape Structures® PlayBooster® 157427C)	2,056.77	143.46
11 68 13 00-1005	EA	32" To 40" Deck, Pod Climber With Two Handhold Panels, One Handloop And One Handrail (Landscape Structures® PlayBooster® 157427D)	2,157.24	143.46
11 68 13 00-1006	EA	Starburst Climber, 64" And 72" Decks, (Direct Bury Only) (Landscape Structures® PlayBooster® 158425A)	3,098.85	215.19
11 68 13 00-1007	EA	Ring-a-Bell Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 159459A)	1,965.43	143.46
11 68 13 00-1008	EA	Ring-a-Bell™ Panel For Learning Wall (Landscape Structures® PlayBooster® 159460A)	1,782.75	143.46
11 68 13 00-1009	EA	Stationary Cycler, Pedal Assembly, With Grab Bar, Without Post (Landscape Structures® PlayBooster® 160054A)	1,462.25	71.73
11 68 13 00-1010	EA	Stationary Cycler, Handle Assembly, Without Post (Landscape Structures® PlayBooster® 160054B)	1,142.56	71.73
11 68 13 00-1011	EA	Stationary Cycler, Pedals And Handles, Without Post (Landscape Structures® PlayBooster® 160054C)	2,157.24	143.46
11 68 13 00-1012	EA	Stationary Cycler, Handle Assembly, Accessible, Without Post (Landscape Structures® PlayBooster® 160054D)	1,142.56	71.73
11 68 13 00-1013	EA	(1) Aluminum Post Gyro Twister Spinners (Landscape Structures® PlayBooster® 160251A)	2,942.76	143.46
11 68 13 00-1014	EA	(1) Steel Post Gyro Twister Spinners (Landscape Structures® PlayBooster® 160251B)	2,915.36	143.46
11 68 13 00-1015	EA	The Peak Natural Climber, 40" Deck (Landscape Structures® PlayBooster® 160420A)	8,973.63	358.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1016	EA	The Peak Natural Climber Connector, Connects Between 32" Deck And 40" Deck (Landscape Structures® PlayBooster® 160421A)	9,439.46	358.65
11 68 13 00-1017	EA	The Stepper Natural Climbing Stone, 24" Deck (Landscape Structures® PlayBooster® 160422A)	4,779.51	215.19
11 68 13 00-1018	EA	64" - 72" Decks, Escalator Climber With Single Barrier With Infill Permalene Panel (Landscape Structures® PlayBooster® 160693A)	5,620.64	286.92
11 68 13 00-1019	EA	Single Barrier Handhold Panel With Infill, Permalene, Panel Only (Landscape Structures® PlayBooster® 160694A)	841.14	71.73
11 68 13 00-1020	EA	Single Connector, 64" - 72" Decks, Escalator Climber Without Posts (Landscape Structures® PlayBooster® 160810A)	4,843.44	215.19
11 68 13 00-1021	EA	Double Connector, 64" - 72" Decks, Escalator Climber Without Posts (Landscape Structures® PlayBooster® 160811A)	9,558.20	358.65
11 68 13 00-1022	EA	RingTangle Climber, 24" - 48" Decks (Landscape Structures® PlayBooster® 164078A)	3,098.85	215.19
11 68 13 00-1023	EA	Bongo Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 164092A)	1,316.10	71.73
11 68 13 00-1024	EA	Bongo Panel For Learning Wall (Landscape Structures® PlayBooster® 164093A)	1,188.23	71.73
11 68 13 00-1025	EA	Wheelchair Accessible Bongo Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 164094A)	1,197.36	71.73
11 68 13 00-1026	EA	Rock-n-Ring Panel, Ground Level Panel (2 Color Permalene) (Landscape Structures® PlayBooster® 164145A)	2,668.74	143.46
11 68 13 00-1027	EA	Rock-n-Ring™ Panel For Learning Wall (Landscape Structures® PlayBooster® 164146A)	2,129.84	143.46
11 68 13 00-1028	EA	Bongo Reach Panel For Learning Wall (Landscape Structures® PlayBooster® 164147A)	1,115.16	71.73
11 68 13 00-1029	EA	Wheelchair Accessible Ring-a-Bell Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 164148A)	1,297.84	71.73
11 68 13 00-1030	EA	Ring-a-Bell™ Reach Panel For Learning Wall (Landscape Structures® PlayBooster® 164149A)	1,215.63	71.73
11 68 13 00-1031		**Playground Equipment (Landscape Structures® Evos™)** *(11 68 13 00-0009)*		
11 68 13 00-1032	EA	Standard Age-Appropriate Welcome Sign, Ages 5 To 12 (Landscape Structures® Evos™ 158650A)	1,014.68	71.73
11 68 13 00-1033	EA	Customized Name On Age-Appropriate Welcome Sign, Ages 5 To 12 (Landscape Structures® Evos™ 158651A)	1,188.23	71.73
11 68 13 00-1034	EA	Slalom Glider (Direct Bury Only) (Landscape Structures® Evos™ 156456A)	4,532.89	215.19
11 68 13 00-1035	EA	Hang Glider (Direct Bury Only) (Landscape Structures® Evos™ 156465A)	3,500.75	215.19
11 68 13 00-1036	EA	Helix Net Climber (Direct Bury Only) (Landscape Structures® Evos™ 156449A)	8,193.13	203.24
11 68 13 00-1037	EA	Crescent Climber (Direct Bury Only) (Landscape Structures® Evos™ 156461A)	6,351.36	286.92
11 68 13 00-1038	EA	RingTangle Climber With Two E-Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 156462A)	4,244.77	179.32
11 68 13 00-1039	EA	Web Link Climber (Direct Bury Only) (Landscape Structures® Evos™ 156912A)	8,743.66	215.19
11 68 13 00-1040	EA	Wobble Pod Bouncer (Direct Bury Only) (Landscape Structures® Evos™ 156452A)	2,075.03	143.46
11 68 13 00-1041	EA	Gyro Twister Spinner (Direct Bury Only) (Landscape Structures® Evos™ 156459A)	2,691.17	107.60
11 68 13 00-1042	EA	E-Pod Step (Landscape Structures® Evos™ 156454A)	422.65	23.91
11 68 13 00-1043	EA	Cycler With E-Pod Step (Direct Bury Only) (Landscape Structures® Evos™ 156467A)	1,900.68	71.73
11 68 13 00-1044	EA	8" Pod, With One E-Pod Step, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 156959A)	1,377.55	59.78
11 68 13 00-1045	EA	16" Pod, With One E-Pod Step, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 156959B)	1,386.69	59.78
11 68 13 00-1046	EA	24" Pod, With One E-Pod Step, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 156959C)	1,395.82	59.78
11 68 13 00-1047	EA	Swiggle Stix Bridge (Direct Bury Only) (Landscape Structures® Evos™ 156450A)	7,881.71	322.79
11 68 13 00-1048	EA	PodStomper Bridge (Direct Bury Only) (Landscape Structures® Evos™ 156464A)	8,113.42	215.19
11 68 13 00-1049	EA	ArcOver Ladder With Two E-Pod Steps, Overhead Events (Direct Bury Only) (Landscape Structures® Evos™ 156457A)	3,554.74	143.46
11 68 13 00-1050	EA	Bow Ladder With Four E-Pod Steps, Overhead Events (Landscape Structures® Evos™ 156463A)	3,809.69	71.73
11 68 13 00-1051	EA	2-Arch Mainstructure With Hemisphere Climber And O-Zone Climber (Landscape Structures® Evos™ 156436A)	33,303.13	860.76
11 68 13 00-1052	EA	3-Arch Mainstructure, Small (Landscape Structures® Evos™ 157106A)	37,582.70	1,291.15
11 68 13 00-1053	EA	Additional Small Arch For Mainstructure, #3 Only (Landscape Structures® Evos™ 156545A)	4,288.69	430.39
11 68 13 00-1054	EA	16" Pod, With Two E-Pod Steps, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 164156A)	1,938.02	143.46
11 68 13 00-1055	EA	24" Pod, With Two E-Pod Steps, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 164156B)	1,956.29	143.46
11 68 13 00-1056	EA	Ring-a-Bell Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 164150A)	1,297.84	71.73
11 68 13 00-1057	EA	Bongo Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 164095A)	1,197.36	71.73
11 68 13 00-1058	EA	Noodle Post, 1 Post Only (Direct Bury Only) (Landscape Structures® Evos™ 161774A)	1,023.82	71.73
11 68 13 00-1059	EA	Periscope Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 161775A)	2,120.70	143.46
11 68 13 00-1060	EA	Match 3 Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 161776A)	1,096.89	71.73
11 68 13 00-1061	EA	Chimes Reach Panel (Landscape Structures® Evos™ 161777A)	1,773.61	143.46
11 68 13 00-1062	EA	Trail Tracker Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 161778A)	694.99	71.73
11 68 13 00-1063	EA	Navigator Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 161779A)	950.74	71.73
11 68 13 00-1064	EA	Image Reach Panel, 75 Play Blocks (Landscape Structures® Evos™ 161780A)	1,224.76	71.73
11 68 13 00-1065	EA	Chatter Noodle Talk Tube Kit, Two Noodle Posts And Tubing (Direct Bury Only) (Landscape Structures® Evos™ 156453A)	2,860.56	143.46
11 68 13 00-1066	EA	Blender Spinner (Direct Bury Only) (Landscape Structures® Evos™ 156460A)	3,500.75	215.19
11 68 13 00-1067	EA	BalanceWinder Climber (Direct Bury Only) (Landscape Structures® Evos™ 160252A)	6,196.08	286.92
11 68 13 00-1068	EA	Overhead Explorer Parallel Bar, With (1) E-Pod Step, Overhead Events (Direct Bury Only) (Landscape Structures® Evos™ 160253A)	2,550.00	143.46
11 68 13 00-1069	EA	Overhead Trekker Ladder, With (1) E-Pod Step, Overhead Events (Direct Bury Only) (Landscape Structures® Evos™ 160254A)	2,778.35	143.46
11 68 13 00-1070	EA	3-Arch Mainstructure, Large With Hemisphere Climber And O-Zone Climber (Landscape Structures® Evos™ 160356A)	38,112.47	1,291.15
11 68 13 00-1071	EA	4-Arch Mainstructure With Hemisphere Climber And O-Zone Climber (Landscape Structures® Evos™ 160357A)	41,674.73	1,291.15
11 68 13 00-1072	EA	Additional Large Arch For Mainstructure, #4 Only (Landscape Structures® Evos™ 160358A)	4,441.55	215.19
11 68 13 00-1073	EA	Additional Arches For Mainstructure, #3 And #4 Only (Landscape Structures® Evos™ 160359A)	8,252.04	358.65
11 68 13 00-1074	EA	Power Lifter Chinning Bar (Landscape Structures® Evos™ 160208A)	1,983.69	143.46
11 68 13 00-1075	EA	Accessible Power Lifter Chinning Bar (Landscape Structures® Evos™ 160209A)	2,486.06	143.46
11 68 13 00-1076	EA	TwirlWind Turning Bar (Landscape Structures® Evos™ 160210A)	2,486.06	143.46
11 68 13 00-1077		**Playground Equipment (Landscape Structures® Weevos™)** *(11 68 13 00-0009)*		
11 68 13 00-1078	EA	Safety Sign, Weevos Welcome Sign, Ages 2 to 5, Direct Bury (Landscape Structures® Weevos™ 164529A)	1,014.68	71.73
11 68 13 00-1079	EA	ChitterChatter Noodle™ Talk Tube Kit (Landscape Structures® Weevos™ 164177A)	2,595.67	143.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1080		**Playground Equipment (Landscape Structures® Parts)** *(11 68 13 00-0009)*		
11 68 13 00-1081	EA	52-9/16" Long, TenderTuff-Coated Chain, Brown, Full-Bucket Seat (8') (Landscape Structures® 160110A)	112.76	35.86
11 68 13 00-1082	EA	66-15/16" Long, TenderTuff-Coated Chain, Brown, Front Chain for Molded Bucket Seat (8') (Landscape Structures® 160112A)	118.24	35.86
11 68 13 00-1083	EA	Pivot Block Swing Hardware With Bearing For Molded Bucket Seat (Landscape Structures® 160307A)	110.93	35.86
11 68 13 00-1084	EA	Play It Safe Label, 2-5 Years (Landscape Structures® 156845A)	13.78	7.17
11 68 13 00-1085	EA	Play It Safe Label, 2-12 Years (Landscape Structures® 156846A)	13.78	7.17
11 68 13 00-1086	EA	Play It Safe Label, 5-12 Years (Landscape Structures® 156847A)	13.78	7.17
11 68 13 00-1087	EA	Play It Safe Label, 8-12 Years (Landscape Structures® 156848A)	13.78	7.17
11 68 13 00-1088	EA	D-Ring with Stainless Steel Bolt Link, Brown TenderTuff-coated Only (Landscape Structures® 130923A)	171.21	35.86
11 68 13 00-1089	EA	(2) Stainless Steel Double Clevis Swing Hardware With Bolts (Landscape Structures® 132634A)	87.85	14.34
11 68 13 00-1090	EA	(2) Stainless Steel Bolt Links Swing Hardware With Bolts For Use With TenderTuff-Coated Chain (Landscape Structures® 132635A)	54.97	14.34
11 68 13 00-1091	EA	(2) Stainless Steel Bolt Links Swing Hardware With Bolts And Chain Spacers For Use With Uncoated Chain (Landscape Structures® 132672A)	56.79	14.34
11 68 13 00-1092	EA	2-3/8" Diameter Pipe, Swing Hangers, Excludes Chain (Landscape Structures® 136065A)	112.10	17.94
11 68 13 00-1093	EA	3-1/2" Diameter Pipe, Swing Hangers, Excludes Chain (Landscape Structures® 136066A)	112.10	17.94
11 68 13 00-1094	EA	TenderTuff Repair Kit (Landscape Structures® 138717A)	11.87	
11 68 13 00-1095	EA	Anti-Wrap, 2-3/8" Diameter Pipe, Swing Hangers, Excludes Chain (Landscape Structures® 140739A)	146.81	17.94
11 68 13 00-1096	EA	(2) Aluminum Clevis Swing Hardware For Anti-Wrap Hanger With Bolts (Landscape Structures® 141267A)	93.33	14.34
11 68 13 00-1097	EA	65" Long, TenderTuff-Coated Chain, Brown, Half-Bucket Seat (8') (Landscape Structures® 141730A)	116.41	35.86
11 68 13 00-1098	EA	43-3/16" Long, TenderTuff-Coated Chain, Brown, Half-Bucket Seat (6') Toddler Swing (Landscape Structures® 141739A)	106.36	35.86
11 68 13 00-1099	EA	87-13/16" Long, TenderTuff-Coated Chain, Brown, Half-Bucket Seat (10') (Landscape Structures® 141766A)	141.99	35.86
11 68 13 00-1100	EA	29-7/8" Long, TenderTuff-Coated Chain, Brown, Full-Bucket Seat (6') Toddler Swing (Landscape Structures® 152016A)	101.80	35.86
11 68 13 00-1101	EA	49-13/16" Long, TenderTuff-Coated Chain, Brown, Tire Swing, Half-Bucket Seat (7') 2" Arch Swing (Landscape Structures® 152048A)	110.93	35.86
11 68 13 00-1102	EA	67-7/8" Long, TenderTuff-Coated Chain, Brown, Belt Seat (8'), Flat Seat (8') (Landscape Structures® 152050A)	120.06	35.86
11 68 13 00-1103	EA	76-7/16" Long, TenderTuff-Coated Chain, Brown, Full-Bucket Seat (10') (Landscape Structures® 152051A)	129.20	35.86
11 68 13 00-1104	EA	90-11/16" Long, TenderTuff-Coated Chain, Brown, Belt Seat (10'), Flat Seat (10'), 16" Deck Ascending Chain (Landscape Structures® 152052A)	147.47	35.86
11 68 13 00-1105	EA	37-1/2" Long, TenderTuff-Coated Chain, Brown, Full-Bucket Seat (7') 2" Arch Swing (Landscape Structures® 152053A)	104.54	35.86
11 68 13 00-1106	EA	121-1/16" Long, TenderTuff-Coated Chain, Brown, Rear Chain for Molded Bucket Seat (8') (Landscape Structures® 152067A)	169.39	35.86
11 68 13 00-1107	EA	Tire Swing Hanger, Stainless Steel, Excludes Chain, 1997 And Later (Landscape Structures® 121609A)	822.87	71.73
11 68 13 00-1108	EA	Twin Rim Basketball Goal And Chain Net (Landscape Structures® 100080A)	324.67	35.86
11 68 13 00-1109	EA	Twin Rim Basketball Goal And Nylon Net (Landscape Structures® 100081A)	315.53	35.86
11 68 13 00-1110	EA	Nylon Basketball Net (Landscape Structures® 100082A)	55.47	17.94
11 68 13 00-1111	EA	Chain Basketball Net (Landscape Structures® 100083A)	68.25	17.94
11 68 13 00-1112	EA	Basketball Frame Set Only, Moveable (Landscape Structures® 100099A)	1,462.25	71.73
11 68 13 00-1113	EA	Basketball Frame Set Only, Direct Bury (Landscape Structures® 100100A)	1,215.63	71.73
11 68 13 00-1114	EA	Warning Label (Landscape Structures® 115176A)	0.18	
11 68 13 00-1115	EA	PS Spare Parts Kit (Landscape Structures® 107040A)	62.11	
11 68 13 00-1116	EA	PB Spare Parts Kit (Landscape Structures® 107043A)	135.18	
11 68 13 00-1117	EA	Tire With Ring And Hardware, Excludes Chain (Landscape Structures® 107329A)	804.60	71.73
11 68 13 00-1118	EA	5" Swing Hanger Clamp Assembly, Complete, Excludes Chain (Landscape Structures® 111418A)	171.21	35.86
11 68 13 00-1119	EA	Tire Swing Hanger, Stainless Steel, Excludes Chain, 1996 And Prior (Landscape Structures® 116997A)	950.74	71.73
11 68 13 00-1120		**Playground Equipment (Landscape Structures® Site Furniture)** *(11 68 13 00-0009)*		
11 68 13 00-1121	EA	60" Recycled Contour Series Bench With Back, Surface Mount (Landscape Structures® 111640A)	1,588.44	131.50
11 68 13 00-1122	EA	60" Recycled Contour Series Bench Without Back, Surface Mount (Landscape Structures® 111640B)	827.83	107.60
11 68 13 00-1123	EA	60" Recycled Contour Series Bench With Back, Direct Bury (Landscape Structures® 111640C)	1,396.63	131.50
11 68 13 00-1124	EA	60" Recycled Contour Series Bench Without Back, Direct Bury (Landscape Structures® 111640D)	809.57	107.60
11 68 13 00-1125	EA	96" Recycled Contour Series Bench With Back, Surface Mount (Landscape Structures® 111640E)	2,273.49	131.50
11 68 13 00-1126	EA	96" Recycled Contour Series Bench Without Back, Surface Mount (Landscape Structures® 111640F)	1,074.45	107.60
11 68 13 00-1127	EA	96" Recycled Contour Series Bench With Back, Direct Bury (Landscape Structures® 111640G)	1,981.21	131.50
11 68 13 00-1128	EA	96" Recycled Contour Series Bench Without Back, Direct Bury (Landscape Structures® 111640H)	1,047.05	107.60
11 68 13 00-1129	EA	Optional Brown Dome, Litter Receptacle (Landscape Structures® 100095A)	398.54	107.60
11 68 13 00-1130	EA	32-Gallon Polyethylene Container, Litter Receptacle (Landscape Structures® 141682A)	248.74	107.60
11 68 13 00-1131	EA	Optional Cover for TenderTuff-Coated Litter Receptacle (Landscape Structures® 141686A)	299.24	95.64
11 68 13 00-1132	EA	Litter Receptacle With Recycled Polyethylene Slats and Liner, (Direct Bury Only) (Landscape Structures® 100094A)	1,001.38	107.60
11 68 13 00-1133	EA	Litter Receptacle With TenderTuff-Coated Panels and Liner, Direct Bury (Landscape Structures® 141685A)	861.89	95.64
11 68 13 00-1134	EA	Litter Receptacle With TenderTuff-Coated Panels and Liner, Surface Mount (Landscape Structures® 141685B)	861.89	95.64
11 68 13 00-1135	EA	Loop Rack, Direct Bury, Powdercoated (Landscape Structures® 100102A)	521.45	71.73
11 68 13 00-1136	EA	Loop Rack, Direct Bury, TenderTuff-Coated (Landscape Structures® 100102B)	768.06	71.73
11 68 13 00-1137	EA	60" Poly Picnic Table, (2) 60" Seats, Moveable (Landscape Structures® 113139A)	2,543.29	358.65
11 68 13 00-1138	EA	60" Poly Picnic Table, (1) 60" Seat (2) 14" Seats, Moveable (Landscape Structures® 113139B)	2,451.95	358.65
11 68 13 00-1139	EA	60" Poly Picnic Table, (4) 14" Seats, Moveable (Landscape Structures® 113139C)	2,324.08	358.65
11 68 13 00-1140	EA	84" Poly Picnic Table, (2) 60" Seats, Moveable (Landscape Structures® 113139D)	3,155.27	358.65
11 68 13 00-1141	EA	84" Poly Picnic Table, (1) 60" Seat, (2) 14" Seats, Moveable (Landscape Structures® 113139E)	3,054.80	358.65
11 68 13 00-1142	EA	84" Poly Picnic Table, (4) 14" Seats, Moveable (Landscape Structures® 113139F)	2,917.79	358.65
11 68 13 00-1143	EA	60" Poly Picnic Table, (2) 60" Seats, Direct Bury (Landscape Structures® 113139G)	2,662.03	358.65
11 68 13 00-1144	EA	60" Poly Picnic Table, (1) 60" Seat, (2) 14" Seats, Direct Bury (Landscape Structures® 113139H)	2,543.29	358.65
11 68 13 00-1145	EA	60" Poly Picnic Table, (4) 14" Seats, Direct Bury (Landscape Structures® 113139I)	2,415.42	358.65
11 68 13 00-1146	EA	84" Poly Picnic Table, (2) 60" Seats, Direct Bury (Landscape Structures® 113139J)	3,274.01	358.65
11 68 13 00-1147	EA	84" Poly Picnic Table, (1) 60" Seat, (2) 14" Seats, Direct Bury (Landscape Structures® 113139K)	3,155.27	358.65
11 68 13 00-1148	EA	84" Poly Picnic Table, (4) 14" Seats, Direct Bury (Landscape Structures® 113139L)	3,009.13	358.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1149	EA	70" Recycled Polyethylene Bench Without Back, 2 x 4 Recycled Polyethylene Slats, Direct Bury (Landscape Structures® 100088A)	827.83	107.60
11 68 13 00-1150	EA	70" Recycled Polyethylene Bench Without Back, 2 x 4 Recycled Polyethylene Slats, Surface Mount (Landscape Structures® 100088B)	910.04	107.60
11 68 13 00-1151	EA	94" Recycled Polyethylene Bench Without Back, 2 x 4 Recycled Polyethylene Slats, Direct Bury (Landscape Structures® 100088C)	891.77	107.60
11 68 13 00-1152	EA	94" Recycled Polyethylene Bench Without Back, 2 x 4 Recycled Polyethylene Slats, Surface Mount (Landscape Structures® 100088D)	973.98	107.60
11 68 13 00-1153	EA	70" Recycled Polyethylene Bench With Back, 2 x 4 Recycled Polyethylene Slats, Surface Mount (Landscape Structures® 100088E)	1,211.46	107.60
11 68 13 00-1154	EA	70" Recycled Polyethylene Bench With Back, 2 x 4 Recycled Polyethylene Slats, Direct Bury (Landscape Structures® 100088F)	1,129.26	107.60
11 68 13 00-1155	EA	94" Recycled Polyethylene Bench With Back, 2 x 4 Recycled Polyethylene Slats, Surface Mount (Landscape Structures® 100088G)	1,284.53	107.60
11 68 13 00-1156	EA	94" Recycled Polyethylene Bench With Back, 2 x 4 Recycled Polyethylene Slats, Direct Bury (Landscape Structures® 100088H)	1,202.33	107.60
11 68 13 00-1157	EA	Arm Rest, 1 Only, Fits All Benches With Back (Landscape Structures® 114767A)	170.55	23.91
11 68 13 00-1158	EA	72", TenderTuff-Coated Steel Bench With Back, Direct Bury (Landscape Structures® 141683A)	841.14	71.73
11 68 13 00-1159	EA	72", TenderTuff-Coated Steel Bench With Back, Surface Mount (Landscape Structures® 141683B)	859.40	71.73
11 68 13 00-1160	EA	72", TenderTuff-Coated Steel Bench Without Back, Direct Bury (Landscape Structures® 141683C)	548.85	71.73
11 68 13 00-1161	EA	72", TenderTuff-Coated Steel Bench Without Back, Surface Mount (Landscape Structures® 141683D)	576.25	71.73
11 68 13 00-1162	EA	92", TenderTuff-Coated Steel Bench With Back, Direct Bury (Landscape Structures® 141683E)	859.40	71.73
11 68 13 00-1163	EA	92", TenderTuff-Coated Steel Bench With Back, Surface Mount (Landscape Structures® 141683F)	895.94	71.73
11 68 13 00-1164	EA	92", TenderTuff-Coated Steel Bench Without Back, Direct Bury (Landscape Structures® 141683G)	576.25	71.73
11 68 13 00-1165	EA	92", TenderTuff-Coated Steel Bench Without Back, Surface Mount (Landscape Structures® 141683H)	612.79	71.73
11 68 13 00-1166	EA	72" TenderTuff-Coated Picnic Table, (2) 72" Seats, TenderTuff-Coated Steel, Moveable (Landscape Structures® 141684A)	1,985.31	286.92
11 68 13 00-1167	EA	72" TenderTuff-Coated Picnic Table, (2) 72" Seats, TenderTuff-Coated Steel, Direct Bury (Landscape Structures® 141684B)	2,076.65	286.92
11 68 13 00-1168	EA	92" TenderTuff-Coated Picnic Table, (2) 92" Seats, TenderTuff-Coated Steel, Moveable (Landscape Structures® 141684C)	2,085.78	286.92
11 68 13 00-1169	EA	92" TenderTuff-Coated Picnic Table, (2) 92" Seats, TenderTuff-Coated Steel, Direct Bury (Landscape Structures® 141684D)	2,222.79	286.92
11 68 13 00-1170	EA	92" TenderTuff-Coated Picnic Table, (2) 72" Seats, TenderTuff-Coated Steel, Moveable (Landscape Structures® 141684E)	2,040.11	286.92
11 68 13 00-1171	EA	92" TenderTuff-Coated Picnic Table, (2) 72" Seats, TenderTuff-Coated Steel, Direct Bury (Landscape Structures® 141684F)	2,149.72	286.92
11 68 13 00-1172	EA	Square Picnic Table With 4 Seats, TenderTuff-Coated Steel, Movable (Landscape Structures® 154345A)	1,870.79	59.78
11 68 13 00-1173	EA	Square Picnic Table With 3 Seats, TenderTuff-Coated Steel, Movable (Landscape Structures® 154345B)	1,697.24	59.78
11 68 13 00-1174	EA	Square Picnic Table With 2 Seats, TenderTuff-Coated Steel, Movable (Landscape Structures® 154345C)	1,551.10	59.78
11 68 13 00-1175	EA	Kish Valley Grill, (Direct Bury Only) (Landscape Structures® 100101A)	832.00	71.73
11 68 13 00-1176	EA	Loop Rack, Surface Mount, Powdercoated (Landscape Structures® 100102C)	713.26	71.73
11 68 13 00-1177	EA	Loop Rack, Surface Mount, TenderTuff-Coated (Landscape Structures® 100102D)	959.88	71.73
11 68 13 00-1178		Playground Equipment *(11 68 13)*		
11 68 13 00-1179		Ground Socket For Movable Posts *(11 68 13 00-1178)*		
11 68 13 00-1180	PR	Ground Socket For 2-3/8" Post For Playground Equipment	301.67	70.91
11 68 13 00-1181	PR	Ground Socket For 3-1/2" Post For Playground Equipment	441.58	70.91
11 68 13 00-1182		See-Saws *(11 68 13 00-1178)*		
11 68 13 00-1183		Steel See-Saw *(11 68 13 00-1182)*		
11 68 13 00-1184	EA	2 Unit Steel See-Saw	2,449.87	436.41
11 68 13 00-1185	EA	4 Unit Steel See-Saw	3,859.41	515.72
11 68 13 00-1186	EA	6 Unit Steel See-Saw	5,303.05	630.34
11 68 13 00-1187		14' Long Laminated Beam *(11 68 13 00-1182)*		
11 68 13 00-1188	EA	Beam Is Supported By Two 12 In x 12 In Stepping Column Posts	2,503.05	385.88
11 68 13 00-1189	EA	Beam Is Supported By Two 8 In x 8 In Posts	1,766.59	343.74
11 68 13 00-1190		Slides *(11 68 13 00-1178)*		
11 68 13 00-1191	EA	8' Long x 4' High Slide With Stainless Steel Bed	3,080.47	499.02
11 68 13 00-1192	EA	12' Long x 6' High Slide With Stainless Steel Bed	4,326.32	709.13
11 68 13 00-1193	EA	16' Long x 8' High Slide With Stainless Steel Bed	4,792.54	787.92
11 68 13 00-1194	EA	20' Long x 10' High Slide With Stainless Steel Bed	5,971.73	872.81
11 68 13 00-1195	EA	6' High, 360 Degree One Piece Molded Polyethylene Slide	18,728.30	1,372.98
11 68 13 00-1196	EA	7' High, 360 Degree Slide, Stainless Steel Bed	18,030.13	1,416.37
11 68 13 00-1197	EA	9' High, 360 Degree Slide, Stainless Steel Bed	22,604.36	1,488.65
11 68 13 00-1198		Whirlers *(11 68 13 00-1178)*		
11 68 13 00-1199	EA	8' Diameter Whirler	6,464.12	945.51
11 68 13 00-1200	EA	10' Diameter Whirler	7,527.63	1,134.61
11 68 13 00-1201		Other Standalone Playground Equipment *(11 68 13 00-1178)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1202		**Miscellaneous Standalone Playground Equipment** *(11 68 13 00-1201)*		
11 68 13 00-1203	EA	Horizontal Ladder	2,011.94	252.61
11 68 13 00-1204	EA	Tether Ball Post	348.80	49.38
11 68 13 00-1205	PR	10'-6" Long Multiple Purpose Post	539.23	87.30
11 68 13 00-1206	EA	3-Person Fiberglass Golf Tee Shelter Turntable	9,680.63	246.67
11 68 13 00-1207	EA	Horizontal Turning Bars, 1 Bar	660.22	131.81
11 68 13 00-1208	EA	Horizontal Turning Bars, 2 Bars	883.85	157.55
11 68 13 00-1209	EA	Horizontal Turning Bars, 3 Bars	1,190.67	210.07
11 68 13 00-1210	EA	Horizontal Turning Bars, 5 Bars	1,733.47	288.85
11 68 13 00-1211	EA	Top Goal Opening With 4 Exit Holes (One Each Side) And 8' Pole	1,739.57	120.27
11 68 13 00-1212	EA	Top Goal Opening With 4 Exit Holes (One Each Side) And 10' Pole	1,914.18	129.83
11 68 13 00-1213	EA	Coil Spring With Single Riding Aluminum Saddle Devices	1,878.02	139.18
11 68 13 00-1214	EA	"C" Spring With Single Riding Aluminum Saddle Devices	2,486.89	119.74
11 68 13 00-1215	EA	Rubber Spring With Single Riding Aluminum Saddle Devices	3,060.96	156.81
11 68 13 00-1216	EA	Coil Spring Assembly Only	487.14	57.67
11 68 13 00-1217	EA	"C" Spring Assembly Only	323.74	38.44
11 68 13 00-1218	EA	Rubber Spring Assembly Only	279.70	74.99
11 68 13 00-1219	EA	Footbuck Assembly Only	84.18	10.08
11 68 13 00-1220	EA	Two Seat, Two Spring Action Cars (4'-8" x 2'-8")	2,128.86	144.22
11 68 13 00-1221		**Freestanding Panels** *(11 68 13 00-1201)*		
		Note: Rotomolded polyethylene.		
11 68 13 00-1222	EA	Tic-Tac-Toe Panel	906.65	61.76
11 68 13 00-1223	EA	24" Bubble Panel	1,358.22	92.54
11 68 13 00-1224	EA	Fire Engine Panel	1,993.22	135.81
11 68 13 00-1225	EA	Flat Mirror Panel	1,594.58	108.71
11 68 13 00-1226	EA	Wavy Mirror Panel	2,360.11	160.92
11 68 13 00-1227	EA	Paint Time Panel	1,531.08	104.41
11 68 13 00-1228	EA	Phone Time Panel	1,086.57	74.04
11 68 13 00-1229	EA	Phone Time With Graphic Panel	1,086.57	74.04
11 68 13 00-1230	EA	Race Time Panel	1,905.02	129.83
11 68 13 00-1231	EA	Rescue 911 Panel	1,932.44	129.83
11 68 13 00-1232	EA	Eastern/Central/Western States Panel	1,040.71	70.90
11 68 13 00-1233	EA	Career People Panel	1,181.81	80.56
11 68 13 00-1234	EA	Solar System Panel	1,181.81	80.56
11 68 13 00-1235	EA	Animals Panel	1,181.81	80.56
11 68 13 00-1236		**Freestanding Panels Uprights** *(11 68 13 00-1201)*		
11 68 13 00-1237	EA	3-1/2" Outside Diameter End Panel Upright	288.61	34.66
11 68 13 00-1238	EA	3-1/2" Outside Diameter 90 Degree Upright	312.68	37.50
11 68 13 00-1239	EA	3-1/2" Outside Diameter 180 Degree Upright	312.68	37.50
11 68 13 00-1240	EA	3-1/2" Outside Diameter "T-Shaped" Upright	332.71	39.91
11 68 13 00-1241		**Coasters** *(11 68 13 00-1201)*		
11 68 13 00-1242	EA	12' Single Metal Coaster With Four Posts	6,986.19	420.14
11 68 13 00-1243	EA	18' Single Metal Coaster With Four Posts	7,838.37	525.17
11 68 13 00-1244	EA	12' Double Metal Coaster With Four Posts	11,277.48	630.21
11 68 13 00-1245	EA	18' Double Metal Coaster With Four Posts	12,858.78	787.76
11 68 13 00-1246		**Climbers** *(11 68 13 00-1201)*		
11 68 13 00-1247	EA	Tower Climber, 3.17' Diameter x 7.25' High	1,376.97	280.65
11 68 13 00-1248	EA	Arch Climber, 2' x 12' x 4.5' High	1,266.36	343.67
11 68 13 00-1249	EA	Arch Climber, 2' x 15' x 5.83' High	1,364.13	280.65
11 68 13 00-1250	EA	Arch Climber, 2' x 17' x 6.58' High	1,456.72	343.67
11 68 13 00-1251	EA	Rainbow Climber, 2' x 10'-5" x 4' High	1,551.10	280.34
11 68 13 00-1252	EA	Rainbow Climber, 2' x 10'-5" x 5' High	1,722.49	280.44
11 68 13 00-1253	EA	Rainbow Climber, 2' x 12'-5" x 6' High	1,985.01	280.44
11 68 13 00-1254	EA	Rainbow Climber, 2' x 15'-4" x 7' High	2,156.68	280.34
11 68 13 00-1255	EA	Double Level Arch Climber, 6' Wide x 12'-6" x 6' High Upper Section / 5' High Lower Section	2,597.48	328.23
11 68 13 00-1256	EA	12' Long Horizontal Ladder Climber	2,104.71	245.10
11 68 13 00-1257	EA	14' Long Horizontal Ladder Climber	2,133.60	245.10
11 68 13 00-1258	EA	16' Long Horizontal Ladder Climber	2,324.86	245.10
11 68 13 00-1259	EA	Bell Climber, 7'-5" High With Double Bars	2,226.27	315.11
11 68 13 00-1260	EA	2-Way Climber	1,875.71	252.61
11 68 13 00-1261	EA	4-Way Climber	2,913.98	252.61
11 68 13 00-1262		**Swings** *(11 68 13 00-1178)*		
11 68 13 00-1263		**Two-Leg-End Swings, 2-3/8" Diameter Galvanized Steel Top Rail** *(11 68 13 00-1262)*		
		Note: Legs, 1-7/8" diameter, traditional.		
11 68 13 00-1264	EA	8' High Top Rail, One Section Two Seats	1,808.36	385.88
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*207.66*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*224.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1265	EA	8' High Top Rail, Two Sections Four Seats	2,870.90	552.17
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*331.28*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*364.51*	
11 68 13 00-1266	EA	8' High Top Rail, Three Sections, Six Seats	3,977.12	812.51
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*458.44*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*502.47*	
11 68 13 00-1267	EA	8' High Top Rail, Four Sections, Eight Seats	4,973.58	945.51
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*574.41*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*633.95*	
11 68 13 00-1268	EA	10' High Top Rail, One Section Two Seats	1,919.00	385.88
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*221.49*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*243.90*	
11 68 13 00-1269	EA	10' High Top Rail, Two Section Four Seats	3,012.03	588.11
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*346.30*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*376.06*	
11 68 13 00-1270	EA	10' High Top Rail, Three Sections, Six Seats	4,174.29	913.25
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*478.28*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*512.98*	
11 68 13 00-1271	EA	10' High Top Rail, Four Sections, Eight Seats	5,509.35	1,103.10
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*633.49*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*688.25*	

11 68 13 00-1272 Three-Leg-End Swings, 2-3/8" Diameter Galvanized Steel Top Rail *(11 68 13 00-1262)*

Note: Legs, 1-7/8" diameter, traditional.

11 68 13 00-1273	EA	8' High Top Rail, One Section, Two Seats	2,037.55	340.80
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*237.65*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*271.36*	
11 68 13 00-1274	EA	8' High Top Rail, Two Sections, Four Seats	2,957.26	494.50
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*344.93*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*393.90*	
11 68 13 00-1275	EA	8' High Top Rail, Three Sections, Six Seats	3,946.04	661.33
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*460.19*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*525.22*	
11 68 13 00-1276	EA	8' High Top Rail, Four Sections, Eight Seats	4,915.04	787.92
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*574.98*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*663.12*	
11 68 13 00-1277	EA	10' High Top Rail, One Section, Two Seats	2,297.66	384.08
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*268.00*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*306.08*	
11 68 13 00-1278	EA	10' High Top Rail, One Section Three Seats	2,394.50	407.31
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*279.91*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*322.03*	
11 68 13 00-1279	EA	10' High Top Rail, Two Sections, Four Seats	3,208.28	537.68
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*374.15*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*427.02*	
11 68 13 00-1280	EA	10' High Top Rail, Two Sections, Six Seats	3,836.58	619.83
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*450.04*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*523.76*	
11 68 13 00-1281	EA	10' High Top Rail, Three Section, Six Seats	4,270.44	715.33
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*498.04*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*568.49*	
11 68 13 00-1282	EA	10' High Top Rail, Three Sections, Nine Seats	5,276.12	788.23
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*620.11*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*726.31*	
11 68 13 00-1283	EA	10' High Top Rail, Four Section, Eight Seats	5,432.23	945.51
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*631.74*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*714.21*	
11 68 13 00-1284	EA	12' High Top Rail, One Section Three Seats	2,500.98	417.17
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*292.75*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*338.29*	
11 68 13 00-1285	EA	12' High Top Rail, Two Sections, Six Seats	4,065.57	671.21
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*476.22*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*551.61*	
11 68 13 00-1286	EA	12' High Top Rail, Three Sections, Nine Seats	5,970.96	1,075.04
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*693.84*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*782.28*	

11 68 13 00-1287 Swing Accessories *(11 68 13 00-1262)*

11 68 13 00-1288	EA	Enclosed Tot Seat With Chain And Hardware	569.24	31.68
11 68 13 00-1289	EA	Bucket Seat With Chain And Hardware	473.22	26.34
11 68 13 00-1290	EA	Belt Seat With Chain And Hardware	504.08	28.13
11 68 13 00-1291	EA	Seat With Chain And Hardware	497.23	27.71
11 68 13 00-1292	EA	Wide Seat With Chain And Hardware	524.86	29.27
11 68 13 00-1293	EA	Handi Seat With Chain And Hardware	1,567.12	87.31
11 68 13 00-1294	LF	0.4 Lb./LF Replacement Chain	6.66	0.63
11 68 13 00-1295	LF	1 Lb./LF Replacement Chain	12.39	1.25
11 68 13 00-1296	EA	Swing Hanger Replacement	72.42	7.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1297		**Playground Equipment (Play Foundation Inc)** *(11 68 13)* Note: Section includes all demolition/ dismantling of the existing playground structure, removal of existing surfacing, removal of existing footings, and removal/ dismantling of existing safety sign (s). All installation of new playground structure, surfacing, footings (per manufacturer's instructions), and safety sign. Includes: All necessary preparation of existing surface for new playground structure to include grading the area flat, removal of all asphalt, concrete, and other such debris from the site prior to installation. Layout of the actual footprint of the play structure. Surfacing material must be a minimum of three inch (3") thick poured in place. Install per manufacturers recommendations. Certified Playground Installer. Footings for components that require a footing (vertical post, slide foot, climbers, etc.) are to be 12"x12"x18" Concrete for footings mush have a minimum rating of 2,500 PSI and must be mixed per manufacturers recommendations.		
11 68 13 00-1298	EA	Furnish & Install 32-45 Child Capacity, 49'-1" x 44'-6" Use Zone, Playground System "Big Sky" And Safety Sign (Play Foundation Inc PGBNL-32470) Note: Includes mobilization. Includes Demo of Existing Play Equipment at 5-12 Play Area & (2) Additional Signs & Place in Dumpsters (Provided by Others). Includes Removal of Footings at Play Equipment. Sign Posts to be Ground Flush with Slab & Filled with Concrete (Qty. 4 Posts)	64,646.00	
11 68 13 00-1299	EA	Furnish & Install 3,310 SF of 3" Uniform Thickness SpectraPour Safety Surfacing Note: Includes mobilization and Recompacting of Base at 5-12 Play Area Adding Aggregate Material as Needed. Wear Layer to be 50% Standard Color / 50% Black Mixed with Standard Aromatic Resin. Standard Colors Include: Red (Terracotta), Green, Blue, Light Blude & Beige. Includes Demo of Existing PIP Surfacing at 2-5 & 5-12 Play Areas & Place in Dumpsters (Provided by Others) (Qty. 3,310 SF)	65,443.00	
11 68 13 00-1300		**Playground Equipment (Zoom Recreation)** *(11 68 13)* Note: Section includes all demolition/ dismantling of the existing playground structure, removal of existing surfacing, removal of existing footings, and removal/ dismantling of existing safety sign (s). All installation of new playground structure, surfacing, footings (per manufacturer's instructions), and safety sign. Includes: All necessary preparation of existing surface for new playground structure to include grading the area flat, removal of all asphalt, concrete, and other such debris from the site prior to installation. Layout of the actual footprint of the play structure. Surfacing material must be a minimum of three inch (3") thick poured in place. Install per manufacturers recommendations. Certified Playground Installer. Footings for components that require a footing (vertical post, slide foot, climbers, etc.) are to be 12"x12"x18" Concrete for footings mush have a minimum rating of 2,500 PSI and must be mixed per manufacturers recommendations.		
11 68 13 00-1301	EA	Site #1; Provide & install 25-30 Child Capcity, 30' x 34' Use Zone, 18' x 22' Playground Structure And Area Sign (Zoom Recreation PS3-70645) Note: (30'x34') 1380 square feet. Demo existing play structure and surfacing and dispose in provided dumpsters. Recompact existing base. Professional installation of Superior play structure PS3-70645. Install age appropriate sign.	57,159.15	
11 68 13 00-1302	EA	Site #1 Surfacing; Provide & install 1380 SF of 3" total uniform thickness SpectraPour safety surfacing. Note: 3" uniform thickness is certified for a max. fall height of 5'-0". Wear layer to be 50% standard color / 50% black mixed with standard aromatic resin. Standard Colors include: Standard Red (Terracotta); Standard Green; Standard Blue; Light (Sky) Blue; and Beige.	24,892.50	
11 68 13 00-1303	EA	Site #2; Provide & install Inclusive Half Yolk Play Panel on 4 In-ground posts.	3,583.48	
11 68 13 00-1304	EA	Site #2; Provide & install Inclusive Half Maze Play Panel on 4 In-ground posts.	2,623.58	
11 68 13 00-1305	EA	Site #2; Provide & install Tic Tac Toe Panel on 4 In-ground posts.	3,855.48	
11 68 13 00-1306	EA	Site #3; Provide & install 22 Child Capcity, 31' x 31' Use Zone, 18' x 18' Playground Structure (Zoom Recreation PS3-32207) Note: (30'x30') 900 square feet. Demo existing play structure and PIP surfacing, dispose in provided dumpsters. Recompact existing base. Install Superior Play Systen No. PS3-32207 and Age appropiate in-ground sign.	42,455.80	
11 68 13 00-1307	EA	Site #3 Surfacing; Provide & install 900 square feet of 3" total uniform thickness SpectraPour safety surfacing. Note: 3" uniform thickness is certified for a max. fall height of 6'-0". Wear layer to be 50% standard color / 50% black mixed with standard aromatic resin. Standard Colors include: Standard Red (Terracotta); Standard Green; Standard Blue; Light (Sky) Blue; and Beige.	20,217.08	
11 68 13 00-1308	EA	Site #4; Provide & install 34 Child Capcity, 30' x 35' Use Zone, 18' x 23' Playground Structure (Zoom Recreation PS3-71103) Note: 1540 square feet. Demo existing play structure and PIP surfacing. Dispose in provided dumpsters. Recompact existing base. Install Superior Play System No. PS3-71103 and Age appropriate in-ground sign.	71,231.57	
11 68 13 00-1309	EA	Site #4 Surfacing; Provide & install 1570 square feet of 3" total uniform thickness SpectraPour safety surfacing. Note: 3" uniform thickness is certified for a max. fall height of 7'-0". Wear layer to be 50% standard color / 50% black mixed with standard aromatic resin. Standard Colors include: Standard Red (Terracotta); Standard Green; Standard Blue; Light (Sky) Blue; and Beige.	26,428.57	
11 68 13 00-1310	EA	Site #5; Provide & install in-ground mount, musical instrument - Glockenspiel	3,006.63	
11 68 13 00-1311	EA	Site #5; Provide & install in-ground mount, musical instrument - Tuned Drum	6,442.70	
11 68 13 00-1312	EA	Site #5; Provide & install in-ground mount, musical instrument - Orange Flower	3,362.94	
11 68 16		**Play Structures** *(11 68)*		
11 68 16 00-0001		**Playground Shade Structures** *(11 68 16)* Note: USA Shade & Fabric Structures, Inc. Excludes custom engineering, architect fees, site survey, fencing, logos, special equipment, earthwork, drilling hole, core drilling and backfill. See CSI section 32 31 13 13-0001 for drilling and backfill of posts in soil.		
11 68 16 00-0002		**Free-Form Tri-Sail** *(11 68 16 00-0001)* Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®.		
11 68 16 00-0003	EA	18' Single Free-Form Tri-Sail Shade Structure, 10' And 14' Maximum Opening Height, 3 Posts	35,657.33	
11 68 16 00-0004		**Playground Shade Cloth** *(11 68 16)*		
11 68 16 00-0005	SF	201-400 sq ft Custom Shade Sail, Alnet's Extrablock Shadecloth Note: Includes custom cutting of material to size, seaming edges and placement of attachment gromets.	10.51	1.56
11 68 16 00-0006	LF	1/4" Diameter, Stainless Steel, Cable For Alnet's Extrablock Shadecloth Note: Installation onto existing posts only with new hardware and cables.	0.90	0.10
11 68 16 00-0007	EA	1/4" Diameter, Stainless Steel, Clamp For Alnet's Extrablock Shadecloth Note: Installation onto existing posts only with new hardware and cables.	12.34	3.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 16 00-0008	EA	10mm, D Ring Thimble For Alnet`s Extrablock Shadecloth Note: Installation onto existing posts only with new hardware and cables.	16.20	3.14
11 68 16 00-0009	EA	10mm, Turnbuckle For Alnet`s Extrablock Shadecloth Note: Installation onto existing posts only with new hardware and cables.	46.84	3.14
11 68 16 00-0010	EA	10mm, Bow Shackle For Alnet`s Extrablock Shadecloth Note: Installation onto existing posts only with new hardware and cables.	17.76	2.09

11 68 16 00-0011 Playground Shade Structures (Shade Structures, Inc. dba USA Shade & Fabric Structures) *(11 68 16)*

Note: Excludes custom engineering, architect fees, site survey, temporary fencing, logos, post pads, special equipment (e.g. cranes for limited site access, hydro-excavation for high soil water table), soil removal from site, core drilling for concrete slab on grade, cutting of pavers or specialty finished surfaces including removal of PlayMatta tiles, alternate footing configuration due to site specific geotechnical report requirements, underground utility scan, moving or re-routing of underground utilities, and hard rock subsurface conditions.

11 68 16 00-0012 Single Ridge *(11 68 16 00-0011)*

Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®.

11 68 16 00-0013	EA	18' x 18' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	25,484.62
11 68 16 00-0014	EA	18' x 18' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	26,367.64
11 68 16 00-0015	EA	18' x 18' Single Ridge Shade Structure, 15' Opening Height, 4 Posts	27,791.50
11 68 16 00-0016	EA	20' x 20' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	26,456.78
11 68 16 00-0017	EA	20' x 20' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	27,266.43
11 68 16 00-0018	EA	20' x 20' Single Ridge Shade Structure, 15' Opening Height, 4 Posts	28,738.83
11 68 16 00-0019	EA	20' x 30' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	36,177.66
11 68 16 00-0020	EA	20' x 30' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	37,267.42
11 68 16 00-0021	EA	20' x 30' Single Ridge Shade Structure, 15' Opening Height, 4 Posts	39,279.86
11 68 16 00-0022	EA	30' x 30' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	48,136.39
11 68 16 00-0023	EA	30' x 30' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	49,630.00
11 68 16 00-0024	EA	30' x 30' Single Ridge Shade Structure, 15' Opening Height, 4 Posts	52,310.04
11 68 16 00-0025	EA	30' x 40' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	63,593.17
11 68 16 00-0026	EA	30' x 40' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	65,961.03
11 68 16 00-0027	EA	30' x 40' Single Ridge Shade Structure, 15' Opening Height, 4 Posts	69,522.91
11 68 16 00-0028	EA	40' x 40' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	78,989.13
11 68 16 00-0029	EA	40' x 40' Single Ridge Shade Structure, 15' Opening Height, 4 Posts	83,254.54

11 68 16 00-0030 Double Ridge *(11 68 16 00-0011)*

Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®.

11 68 16 00-0031	EA	20' x 40' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	52,861.69
11 68 16 00-0032	EA	20' x 40' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	54,487.21
11 68 16 00-0033	EA	20' x 40' Double Ridge Shade Structure, 15' Opening Height, 6 Posts	57,429.51
11 68 16 00-0034	EA	20' x 60' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	84,196.08
11 68 16 00-0035	EA	20' x 60' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	88,355.45
11 68 16 00-0036	EA	20' x 60' Double Ridge Shade Structure, 15' Opening Height, 6 Posts	93,126.65
11 68 16 00-0037	EA	25' x 50 Double Ridge Shade Structure, 10' Opening Height, 6 Posts	85,678.89
11 68 16 00-0038	EA	25' x 50 Double Ridge Shade Structure, 12' Opening Height, 6 Posts	88,337.30
11 68 16 00-0039	EA	25' x 50 Double Ridge Shade Structure, 15' Opening Height, 6 Posts	93,107.51
11 68 16 00-0040	EA	30' x 60' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	89,433.23
11 68 16 00-0041	EA	30' x 60' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	92,135.76
11 68 16 00-0042	EA	30' x 60' Double Ridge Shade Structure, 15' Opening Height, 6 Posts	97,111.08
11 68 16 00-0043	EA	40' x 60' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	96,872.12
11 68 16 00-0044	EA	40' x 60' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	96,149.23
11 68 16 00-0045	EA	40' x 60' Double Ridge Shade Structure, 15' Opening Height, 6 Posts	101,341.28

11 68 16 00-0046 Interconnected Quad Lineal Ridge *(11 68 16 00-0011)*

Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®.

11 68 16 00-0047	EA	40' x 120' Quad-Lineal Ridge Shade Structure, 10' Opening Height, 10 Posts	248,027.71
11 68 16 00-0048	EA	40' x 120' Quad-Lineal Ridge Shade Structure, 12' Opening Height, 10 Posts	259,910.33
11 68 16 00-0049	EA	40' x 120' Quad-Lineal Ridge Shade Structure, 15' Opening Height, 10 Posts	271,688.92

11 68 16 00-0050 Quad Ridge *(11 68 16 00-0011)*

Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®.

11 68 16 00-0051	EA	40' x 40' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	80,045.13
11 68 16 00-0052	EA	40' x 40' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	82,462.78
11 68 16 00-0053	EA	40' x 40' Quad Ridge Shade Structure, 15' Opening Height, 9 Posts	86,914.14
11 68 16 00-0054	EA	40' x 60' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	115,986.64
11 68 16 00-0055	EA	40' x 60' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	119,456.14
11 68 16 00-0056	EA	40' x 60' Quad Ridge Shade Structure, 15' Opening Height, 9 Posts	125,906.77
11 68 16 00-0057	EA	50' x 50' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	159,616.44
11 68 16 00-0058	EA	50' x 50' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	164,517.80
11 68 16 00-0059	EA	50' x 50' Quad Ridge Shade Structure, 15' Opening Height, 9 Posts	173,401.77
11 68 16 00-0060	EA	50' x 60' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	162,428.90
11 68 16 00-0061	EA	50' x 60' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	167,490.86
11 68 16 00-0062	EA	50' x 60' Quad Ridge Shade Structure, 15' Opening Height, 9 Posts	176,535.40
11 68 16 00-0063	EA	60' x 60' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	170,286.82
11 68 16 00-0064	EA	60' x 60' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	175,496.44
11 68 16 00-0065	EA	60' x 60' Quad Ridge Shade Structure, 15' Opening Height, 9 Posts	184,973.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 16 00-0066		**Peak-Roof Triangle** *(11 68 16 00-0011)* Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®.		
11 68 16 00-0067	EA	30' Peak-Roof Triangle Shade Structure, 12' Opening Height, 3 Posts	40,254.02	
11 68 16 00-0068	EA	30' Peak-Roof Triangle Shade Structure, 15' Opening Height, 3 Posts	42,142.30	
11 68 16 00-0069	EA	40' Peak-Roof Triangle Shade Structure, 12' Opening Height, 3 Posts	52,818.99	
11 68 16 00-0070	EA	40' Peak-Roof Triangle Shade Structure, 15' Opening Height, 3 Posts	55,296.86	
11 68 16 00-0071		**Peak-Roof Hexagon** *(11 68 16 00-0011)* Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®.		
11 68 16 00-0072	EA	40' Peak-Roof Hexagon Shade Structure, 12' Opening Height, 6 Posts	81,153.72	
11 68 16 00-0073	EA	40' Peak-Roof Hexagon Shade Structure, 15' Opening Height, 6 Posts	84,961.27	
11 68 16 00-0074	EA	60' Peak-Roof Hexagon Shade Structure, 12' Opening Height, 6 Posts	141,986.04	
11 68 16 00-0075	EA	60' Peak-Roof Hexagon Shade Structure, 15' Opening Height, 6 Posts	148,648.93	
11 68 16 00-0076		**Free-Form Hypar-Sail** *(11 68 16 00-0011)* Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®; drilling rig is already included in the pricing.		
11 68 16 00-0077	EA	20' x 20' Single 4-Point Sail Shade Structure, 14' Opening Height, 4 Posts	48,747.71	
11 68 16 00-0078	EA	20' x 20' Single 4-Point Sail Shade Structure, 19' Opening Height, 4 Posts	69,526.39	
11 68 16 00-0079	EA	30' x 30' Single 4-Point Sail Shade Structure, 14' Opening Height, 4 Posts	74,329.45	
11 68 16 00-0080	EA	30' x 30' Single 4-Point Sail Shade Structure, 19' Opening Height, 4 Posts	115,535.47	
11 68 16 00-0081		**Free-Form Tri-Sail** *(11 68 16 00-0011)* Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®; drilling rig is already included in the pricing.		
11 68 16 00-0082	EA	30' Single Free-form Tri-Sail Shade Structure, 14' Opening Height, 3 Posts	52,179.58	
11 68 16 00-0083	EA	30' Single Free-form Tri-Sail Shade Structure, 19' Opening Height, 3 Posts	75,921.15	
11 68 16 00-0084		**Single Post** *(11 68 16 00-0011)* Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®.		
11 68 16 00-0085	EA	14' x 14' Single Post Peak Shade Structure, 10' Opening Height, 1 Post	22,265.72	
11 68 16 00-0086	EA	14' x 14' Single Post Peak Shade Structure, 12' Opening Height, 1 Post	22,875.17	
11 68 16 00-0087	EA	16' x 16' Single Post Peak Shade Structure, 10' Opening Height, 1 Post	26,666.23	
11 68 16 00-0088	EA	16' x 16' Single Post Peak Shade Structure, 12' Opening Height, 1 Post	28,106.19	
11 68 16 00-0089	EA	18' x 18' Single Post Peak Shade Structure, 10' Opening Height, 1 Post	27,196.13	
11 68 16 00-0090	EA	18' x 18' Single Post Peak Shade Structure, 12' Opening Height, 1 Post	28,664.71	
11 68 16 00-0091	EA	20' x 20' Single Post Peak Shade Structure, 10' Opening Height, 1 Post	27,702.89	
11 68 16 00-0092	EA	20' x 20' Single Post Peak Shade Structure, 12' Opening Height, 1 Post	29,198.85	
11 68 16 00-0093		**Single Post Pyramid** *(11 68 16 00-0011)* Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®.		
11 68 16 00-0094	EA	14' x 14' Single Post Peak Pyramind Shade Structure, 10' Opening Height, 1 Post	22,973.26	
11 68 16 00-0095	EA	14' x 14' Single Post Peak Pyramind Shade Structure, 12' Opening Height, 1 Post	24,228.50	
11 68 16 00-0096		**Full Cantilevers** *(11 68 16 00-0011)* Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®.		
11 68 16 00-0097	EA	20' x 30' Full Cantilever Single Shade Structure, 12' Opening Height, 2 Posts	63,708.92	
11 68 16 00-0098	EA	20' x 30' Full Cantilever Single Shade Structure, 15' Opening Height, 2 Posts	66,698.08	
11 68 16 00-0099	EA	20' x 60' Full Cantilever Joined Shade Structure, 12' Opening Height, 3 Posts	94,481.81	
11 68 16 00-0100	EA	20' x 60' Full Cantilever Joined Shade Structure, 15' Opening Height, 3 Posts	98,915.95	
11 68 16 00-0101		**Tri-Truss Cantilevers** *(11 68 16 00-0011)* Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®.		
11 68 16 00-0102	EA	20' x 30' Tri-Truss Cantilever Single Shade Structure, 12' Opening Height, 2 Posts	75,846.46	
11 68 16 00-0103	EA	20' x 30' Tri-Truss Cantilever Single Shade Structure, 15' Opening Height, 2 Posts	79,406.10	
11 68 16 00-0104	EA	20' x 60' Tri-Truss Cantilever Joined Shade Structure, 12' Opening Height, 3 Posts	97,965.85	
11 68 16 00-0105	EA	20' x 60' Tri-Truss Cantilever Joined Shade Structure, 15' Opening Height, 3 Posts	102,562.54	
11 68 16 00-0106		**Peak-Roof Multi-Layered** *(11 68 16 00-0011)* Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®		
11 68 16 00-0107	EA	30' x 30' Single Peak-Roof Shade Structure, 10' Opening Height, 4 Posts	59,728.79	
11 68 16 00-0108	EA	30' x 30' Single Peak-Roof Shade Structure, 12' Opening Height, 4 Posts	63,370.26	
11 68 16 00-0109	EA	30' x 30' Single Peak-Roof Shade Structure, 15' Opening Height, 4 Posts	66,348.66	
11 68 16 00-0110	EA	30' x 60' Double Peak- Roof Shade Structure, 10' Opening Height, 6 Posts	94,018.26	
11 68 16 00-0111	EA	30' x 60' Double Peak- Roof Shade Structure, 12' Opening Height, 6 Posts	98,655.08	
11 68 16 00-0112	EA	30' x 60' Double Peak- Roof Shade Structure, 15' Opening Height, 6 Posts	103,520.52	
11 68 16 00-0113	EA	60' x 60' Quad Peak-Roof Shade Structure, 10' Opening Height, 9 Posts	160,555.90	
11 68 16 00-0114	EA	60' x 60' Quad Peak-Roof Shade Structure, 12' Opening Height, 9 Posts	168,474.19	
11 68 16 00-0115	EA	60' x 60' Quad Peak-Roof Shade Structure, 15' Opening Height, 9 Posts	176,782.99	

11 68 23 Exterior Court Athletic Equipment *(11 68)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 23 13		**Exterior Basketball Equipment** *(11 68 23)*		
11 68 23 13-0001		Basketball Components *(11 68 23 13)*		
11 68 23 13-0002	EA	Anti-Whip, Nylon Cord Basketball Net (Porter Athletic 09608-120)	36.91	10.51
11 68 23 13-0003	EA	Chain Basketball Net (Porter Athletic 00161-000)	64.96	10.51
11 68 23 13-0004	EA	Heavy-Duty Goal Ring (Porter Athletic 00235-000)	148.92	52.52
11 68 23 13-0005	EA	Goal Ring For Steel Net (Porter Athletic 00251-H00)	268.44	23.64
11 68 23 13-0006	EA	42" x 72" Rectangular Fully Tempered Glass Basketball Backboard With Steel Frame (Porter Athletic 00204-000) Note: Includes perimeter and target markings. Excludes pole and goal.	1,545.46	44.64
11 68 23 13-0007	EA	42" x 72" Rectangular 11 Gauge Perforated Steel Basketball Backboard (Porter Athletic 01207-300) Note: Includes perimeter and target markings. Excludes pole and goal.	1,985.08	44.64
11 68 23 13-0008	EA	54" x 39" Fan Shaped Cast Aluminum Basketball Backboard (Porter Athletic 00234-300) Note: Includes perimeter and target markings. Excludes pole and goal.	1,012.90	39.39
11 68 23 13-0009	EA	54" x 39" Fan Shaped Fiberglass Basketball Backboard (Porter Athletic 00267-000) Note: Includes perimeter and target markings. Excludes pole and goal.	1,107.76	39.39
11 68 23 13-0010		Basketball Systems *(11 68 23 13)* See CSI section 32 31 13 13-0001 for auguring holes and concrete.		
11 68 23 13-0011	EA	4-1/2" Bent Post Galvanized Steel Pole With 4' Extension, Aluminum Backboard, Double Rim Goal And Steel Net Basketball System (Sportsplay 541-616)	2,551.76	274.35
11 68 23 13-0012	EA	5-9/16" Bent Post Galvanized Steel Pole With 6' Extension Style, Aluminum Backboard, Double Rim Goal And Nylon Net Basketball System (Porter Athletic 00176-230)	4,569.43	301.79
		For Fan Shaped Fiberglass Backboard, Deduct	*-133.00*	
		For 42" x 72" Perforated Steel Backboard, Add	*350.00*	
11 68 23 13-0013	EA	4-1/2" Galvanized Steel Pole With 4' Extension, Aluminum Backboard, Double Rim Goal And Nylon Net Basketball System (Porter Athletic 00164-230)	2,937.49	274.35
		For Fan Shaped Fiberglass Backboard, Deduct	*-133.00*	
		For 42" x 72" Perforated Steel Backboard, Add	*350.00*	
11 68 23 13-0014	EA	5-9/16" Galvanized Steel Pole With 6' Extension, Aluminum Backboard, Double Rim Goal And Nylon Net Basketball System (Porter Athletic 00166-230)	4,569.43	301.79
		For Fan Shaped Fiberglass Backboard, Deduct	*-133.00*	
		For 42" x 72" Perforated Steel Backboard, Add	*350.00*	
11 68 23 13-0015	EA	Back To Back 6" Galvanized Steel Pole With 5' Extensions, Aluminum Backboards, Double Rim Goals And Nylon Net Double Basketball System (Porter Athletic 195582)	8,207.12	443.81
		For Fan Shaped Fiberglass Backboard, Deduct	*-498.00*	
		For 42" x 72" Perforated Steel Backboard, Add	*700.00*	
11 68 23 33		**Tennis Equipment** *(11 68 23)*		
11 68 23 33-0001		Tennis Court Net Posts *(11 68 23 33)*		
11 68 23 33-0002	PR	Round, Powder Coated Steel, Tennis Court Net Posts With External Winder	1,274.22	178.59
11 68 23 33-0003	PR	Round, Powder Coated Steel, Tennis Court Net Posts With Internal Brass Winder	1,601.56	178.59
11 68 23 33-0004	PR	Square, Powder Coated Steel, Tennis Court Net Posts With Internal Brass Winder	1,656.12	178.59
11 68 23 33-0005	PR	Round, Powder Coated Aluminum, Tennis Court Net Posts With External Winder	1,750.47	178.59
11 68 23 33-0006	PR	Round, Powder Coated Aluminum, Tennis Court Net Posts With Internal Winder	2,086.40	178.59
11 68 23 33-0007	PR	Polyvinyl Chloride (PVC) Ground Sleeves For Tennis Court Net Posts	316.50	
11 68 23 33-0008	PR	Galvanized Steel Ground Sleeves For Tennis Court Net Posts	357.28	
11 68 23 33-0009		Tennis Court Nets *(11 68 23 33)*		
11 68 23 33-0010	EA	42' Length, Single Top, Vinyl Headband, Polyethylene Net Body, Tennis Court Net	676.67	176.50
11 68 23 33-0011	EA	42' Length, Double Top, Vinyl Headband, Polyethylene Net Body, Tennis Court Net	741.77	176.50
11 68 23 33-0012	EA	42' Length, Anti-Vandal, Aluminum Coated Flexible Steel Mesh, Tennis Court Net	1,595.66	271.57
11 68 23 33-0013	EA	Galvanized Steel Anchor For Tennis Court Net Center Strap	88.05	
11 68 33		**Athletic Field Equipment** *(11 68)*		
11 68 33 13		**Football Field Equipment** *(11 68 33)*		
11 68 33 13-0001		Football Goal Posts *(11 68 33 13)* Note: Includes augering for post(s), set in concrete and backfill.		
11 68 33 13-0002	PR	Double Steel Football Goal Posts, "H Shape"	5,094.32	472.65
11 68 33 13-0003	PR	Vertical Style Goal Post, Single In Ground Mounting, Steel With 20' Uprights	7,072.25	631.64
11 68 33 13-0004	PR	Gooseneck (Offset) Style Goal Post, Single In Ground Mounting, Steel, With 20' Uprights	8,447.61	757.97
11 68 33 23		**Soccer and Field Hockey Equipment** *(11 68 33)*		
11 68 33 23-0001		Soccer Goal Posts *(11 68 33 23)* Note: Includes augering for post(s), set in concrete and backfill.		
11 68 33 23-0002	PR	Regulation Soccer Goal Posts	5,284.06	315.17
11 68 33 23-0003	PR	Combination Football/Soccer Goal Post	6,357.21	472.65
11 68 33 33		**Baseball Field Equipment** *(11 68 33)*		
11 68 33 33-0001		Bases *(11 68 33 33)*		
11 68 33 33-0002	SET	Bases For Baseball Or Softball	632.38	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

11 80 Facility Maintenance and Operation Equipment *(11)*

11 81 Maintenance Equipment *(11 80)*

11 81 29 Facility Fall Protection *(11 81)*

11 81 29 00-0001 Safety And Tie-Back Anchors *(11 81 29)*

Note: One cut sheet charge required per manufacturer order. Excludes flashing and testing by engineer after installation. See CSI section 01 22 20 00-0063 for engineering testing and inspection.

11 81 29 00-0002 Roof Mounted, Safety And Tie-Back Anchors *(11 81 29 00-0001)*

Note: Includes up to 10" high, 0.216" thick hollow structural section tube, 1018 steel forged pad eye, 8" x 8" x 1/2" base plate and hot-dipped galvanized finish.

11 81 29 00-0003	EA	Up To 10" High, 0.216" Thick, Hollow Structural Section Tube, 1018 Steel Forged Pad Eye, 8" x 8" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Mechanically Fastened, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor)	817.88	86.32
		Note: Includes drilling in concrete, anchor bolts and bottom plate or plates.		
		For Stainless Steel Pad Eye, Add	*40.00*	
		For Foam Insulation Filled HSS Tube, Add	*10.00*	
11 81 29 00-0004	EA	Up To 10" High, 0.216" Thick, Hollow Structural Section Tube, 1018 Steel Forged Pad Eye, 8" x 8" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Epoxy Fastened, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor)	696.06	86.32
		Note: Includes drilling in concrete and adhesive anchor systems.		
		For Stainless Steel Pad Eye, Add	*40.00*	
		For Foam Insulation Filled HSS Tube, Add	*10.00*	
11 81 29 00-0005	EA	Up To 10" High, 0.216" Thick, Hollow Structural Section Tube, 1018 Steel Forged Pad Eye, 8" x 8" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Welded In Place, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor)	535.42	93.88
		For Stainless Steel Pad Eye, Add	*40.00*	
		For Foam Insulation Filled HSS Tube, Add	*10.00*	

11 81 29 00-0006 Wall Mounted, Safety And Tie-Back Anchor *(11 81 29 00-0001)*

Note: Includes 1018 steel forged pad eye, 10" x 4" x 1/2" base plate and hot-dipped galvanized finish.

11 81 29 00-0007	EA	Steel Forged Pad Eye (1018), 10" x 4" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Mechanically Fastened, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor)	575.94	86.32
		Note: Includes drilling in concrete, anchor bolts and bottom plate or plates.		
		For Stainless Steel Pad Eye, Add	*40.00*	
11 81 29 00-0008	EA	Steel Forged Pad Eye (1018), 10" x 4" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Epoxy Fastened, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor)	515.92	86.32
		Note: Includes drilling in concrete and adhesive anchor systems.		
		For Stainless Steel Pad Eye, Add	*40.00*	
11 81 29 00-0009	EA	Steel Forged Pad Eye (1018), 10" x 4" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Welded In Place, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor)	471.04	93.88
		For Stainless Steel Pad Eye, Add	*40.00*	

11 81 29 00-0010 Safety And Tie-Back Anchor Accessories *(11 81 29 00-0001)*

11 81 29 00-0011	EA	Mandatory Cut Sheets For Safety And Tie-Back Anchors (Summit Anchor)	468.24	
		Note: One cut sheet required per order.		

11 81 29 00-0012 Ladder Safety And Fall Protection *(11 81 29)*

11 81 29 00-0013	EA	Galvanized Standard Top Bracket With Mounting Hardware (Captial Safety Group-USA Lad-Saf™ 6116280)	313.18	20.70
11 81 29 00-0014	EA	Galvanized 1x7 Cable, 3/8" 24' Long (Captial Safety Group-USA Lad-Saf™ 6110024)	47.08	3.01
11 81 29 00-0015	EA	Galvanized 1x7 Cable, 3/8" 30' Long (Captial Safety Group-USA Lad-Saf™ 6110030)	58.85	7.53
11 81 29 00-0016	EA	Galvanized 1x7 Cable, 3/8" 40' Long (Captial Safety Group-USA Lad-Saf™ 6110040)	78.47	5.02
11 81 29 00-0017	EA	Galvanized 1x7 Cable, 3/8" 50' Long (Captial Safety Group-USA Lad-Saf™ 6110050)	98.09	6.27
11 81 29 00-0018	EA	Non-metallic Cable Guide With Mounting Hardware (Captial Safety Group-USA Lad-Saf™ 6110400)	64.42	4.71
11 81 29 00-0019	EA	Flexible Cable Sleeve (Captial Safety Group-USA Lad-Saf™ 6160054)	597.82	12.55
11 81 29 00-0020	EA	Galvanized Standard Bottom Bracket (Captial Safety Group-USA Lad-Saf™ 6100090)	144.64	12.42

11 81 29 00-0021 Fall-Arrest Systems *(11 81 29)*

11 81 29 00-0022 Horizontal *(11 81 29 00-0021)*

11 81 29 00-0023	LF	Trolley Rail Fall Arrest System	717.20	46.36
		Note: Price per LF of trolley rail. Includes engineering, certification, design, fabrication, delivery, installation, training materials, equipment and five year warranty.		

11 81 29 00-0024 Anchor Points *(11 81 29 00-0021)*

11 81 29 00-0025	EA	Roof Anchor, 16" x 16" Base With 12" High Post	677.31	
		Note: Guardian CD-12 series		
11 81 29 00-0026	EA	Roof Anchor, 12" x 12" Base With 18" High Post	793.97	
		Note: Guardian CD-18 series		
11 81 29 00-0027	EA	Bolt On Roof Anchor	301.92	
		Note: Guardian CD-1-B series		
11 81 29 00-0028	EA	Fall Arrest Anchor Attachment To 2" x 8" Stud	144.78	
		Note: Super Anchor ARS 2x8		
11 81 29 00-0029	EA	Fall Arrest Anchor Attachment To 2" x 12" Stud	168.24	
		Note: Super Anchor ARS 2x12		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 81 29 00-0030		Roofing Safety Tie-Back Anchor, Attached To Wood *(11 81 29)*		
11 81 29 00-0031	EA	20 Gauge Stainless Steel Anchor And DI Chromeate D-Ring, Roofing Safety Tie Back Anchor, Attached To Wood (SUPER ANCHOR RS-20)	68.86	

11 90 Other Equipment *(11)*

11 97 Security Equipment *(11 90)*

11 97 26 Detention Gun Lockers *(11 97)*

11 97 26 00-0001		Hinged Door Gun Lock *(11 97 26)* Note: Two keys per locker with one master.		
11 97 26 00-0002	EA	8 Compartment Pistol Locker, 20-1/8" High x 15-1/8" Wide x 17-1/4" Deep, Double Welded 20 Gauge Steel Body, 10 Gauge Steel Door	3,651.92	61.64
11 97 26 00-0003		Hinged-Door Gun Locker *(11 97 26)* Note: Includes master key for each set of 4 compartments, two keys per compartment.		
11 97 26 00-0004	EA	4 Compartment Pistol Locker, 11-1/4" High x 16-1/4" Wide x 16-3/4" Deep, 16 Gauge, Foam Filled, Painted With Powder Coat Finish	1,423.67	43.15
11 97 26 00-0005	EA	8 Compartment Pistol Locker, 11-1/2" High x 32-3/4" Wide x 17-1/4" Deep, 16 Gauge, Foam Filled, Painted With Powder Coat Finish	3,244.87	61.64
11 97 26 00-0006	EA	16 Compartment Pistol Locker, 11-1/2" High x 32-3/4" Wide x 17-1/4" Deep, 16 Gauge, Foam Filled, Painted With Powder Coat Finish	5,945.19	73.96
11 97 26 00-0007	EA	24 Compartment Pistol Locker, 11-1/2" High x 32-3/4" Wide x 17-1/4" Deep, 16 Gauge, Foam Filled, Painted With Powder Coat Finish	8,620.85	73.96

11 98 Detention Equipment *(11 90)*

11 98 12 Detention Doors and Frames *(11 98)*

11 98 12 00-0001		Metal Detention Doors *(11 98 12)* Note: Flush type reinforced with stiffeners.		
11 98 12 00-0002		10 Gauge 1-3/4" Metal Detention Door *(11 98 12 00-0001)*		
11 98 12 00-0003	EA	2' x 6'-8" x 1-3/4" 10 Gauge Metal Detention Door	593.58	63.88
11 98 12 00-0004	EA	2'-4" x 6'-8" x 1-3/4" 10 Gauge Metal Detention Door	600.24	63.88
11 98 12 00-0005	EA	2'-6" x 6'-8" x 1-3/4" 10 Gauge Metal Detention Door	606.89	63.88
11 98 12 00-0006	EA	2'-8" x 6'-8" x 1-3/4" 10 Gauge Metal Detention Door	613.55	63.88
11 98 12 00-0007	EA	3' x 6'-8" x 1-3/4" 10 Gauge Metal Detention Door	620.20	63.88
11 98 12 00-0008	EA	3'-4" x 6'-8" x 1-3/4" 10 Gauge Metal Detention Door	653.47	63.88
11 98 12 00-0009	EA	2' x 7' x 1-3/4" 10 Gauge Metal Detention Door	634.97	63.88
11 98 12 00-0010	EA	2'-4" x 7' x 1-3/4" 10 Gauge Metal Detention Door	641.88	63.88
11 98 12 00-0011	EA	2'-6" x 7' x 1-3/4" 10 Gauge Metal Detention Door	646.23	63.88
11 98 12 00-0012	EA	2'-8" x 7' x 1-3/4" 10 Gauge Metal Detention Door	706.82	63.88
11 98 12 00-0013	EA	3' x 7' x 1-3/4" 10 Gauge Metal Detention Door	853.05	63.88
11 98 12 00-0014	EA	3'-4" x 7' x 1-3/4" 10 Gauge Metal Detention Door	928.27	63.88
11 98 12 00-0015	EA	2' x 7'-2" x 1-3/4" 10 Gauge Metal Detention Door	616.87	63.88
11 98 12 00-0016	EA	2'-4" x 7'-2" x 1-3/4" 10 Gauge Metal Detention Door	623.52	63.88
11 98 12 00-0017	EA	2'-6" x 7'-2" x 1-3/4" 10 Gauge Metal Detention Door	630.18	63.88
11 98 12 00-0018	EA	2'-8" x 7'-2" x 1-3/4" 10 Gauge Metal Detention Door	636.83	63.88
11 98 12 00-0019	EA	3' x 7'-2" x 1-3/4" 10 Gauge Metal Detention Door	643.48	63.88
11 98 12 00-0020	EA	3'-4" x 7-2" x 1-3/4" 10 Gauge Metal Detention Door	676.75	63.88
11 98 12 00-0021		Pneumatic Door Operators *(11 98 12)*		
11 98 12 00-0022	EA	Pneumatic Detention Cell Entry Door Operator With Hardware Set	4,838.68	
11 98 12 00-0023	EA	Pneumatic Special Housing Detention Cell Door Operator With Hardware Set	5,302.30	
11 98 12 00-0024	EA	Pneumatic MS Detention Cell Door Operator With Hardware Set	6,705.15	
11 98 12 00-0025	EA	Pneumatic Sally Port Detention Door Operator With Hardware Set	7,874.50	
11 98 12 00-0026	EA	Pneumatic Corridor Detention Door Operator With Hardware Set	9,708.60	
11 98 12 00-0027	EA	Emergency Release Cabinet With Seven Gallon Storage Tank, Check Valve, Pressure Gauge, Three Way Valves And Four Release Valves	4,852.61	

END OF SECTION 11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

12 Furnishings

12 01 Operation and Maintenance of Furnishings *(12)*

12 01 60 Operation and Maintenance of Multiple Seating *(12 01)*

12 01 60 00-0001 Repair Fixed Auditorium Seating *(12 01 60)*

12 01 60 00-0002	EA	Removal And Replacement Of Hardwood/Plywood Auditorium Seat Part	204.60	
12 01 60 00-0003	EA	Removal And Replacement Of Auditorium Seat Armrest Part	93.93	
12 01 60 00-0004	EA	Removal And Replacement Of End Armrest Part	132.29	
12 01 60 00-0005	EA	Removal And Replacement Of Auditorium Seat Kick Plate Part	154.98	
12 01 60 00-0006	EA	Removal And Replacement Of Auditorium Seat Long Back Part	249.74	
12 01 60 00-0007	EA	Removal And Replacement Of Auditorium Seat Center Standard Part	199.68	
12 01 60 00-0008	EA	Removal And Replacement Of Auditorium Seat Back Bracket Part	71.89	
12 01 60 00-0009	EA	Removal And Replacement Of Auditorium Seat Bracket Part	76.96	
12 01 60 00-0010	EA	Secure Seat To Floor	73.79	
12 01 60 00-0011	EA	Removal And Reinstallation Of Existing Auditorium Seat In Concrete Floor Note: Includes drilling and fasteners.	75.41	
		For Epoxy Anchoring, Add	*26.28*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*25.70*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*29.30*	
12 01 60 00-0012	EA	Reupholster Auditorium Seat And Back Note: Includes removal of existing upholstery.	223.91	

12 20 Window Treatments *(12)*

12 21 Window Blinds *(12 20)*

12 21 13 Horizontal Louver Blinds *(12 21)*

Note: Includes head rail, brackets, cords and all hardware.

12 21 13 13 Metal Horizontal Louver Blinds *(12 21 13)*

12 21 13 13-0001 Aluminum Horizontal Louver Blinds *(12 21 13 13)*

12 21 13 13-0002	SF	1/2" x 0.006" Slats, Aluminum Horizontal Louver Blinds	12.69	1.04
12 21 13 13-0003	SF	1" x 0.006" Slats, Aluminum Horizontal Louver Blinds	10.40	1.04
12 21 13 13-0004	SF	1" x 0.008" Slats, Aluminum Horizontal Louver Blinds	11.28	1.04
12 21 13 13-0005	SF	2" x 0.008" Slats, Aluminum Horizontal Louver Blinds	13.04	1.04

12 21 13 33 Plastic Horizontal Louver Blinds *(12 21 13)*

12 21 13 33-0001 Vinyl Horizontal Louver Blinds *(12 21 13 33)*

12 21 13 33-0002	SF	1" Slats, Vinyl Horizontal Louver Blinds	10.75	1.04
12 21 13 33-0003	SF	2" Slats, Vinyl Horizontal Louver Blinds	12.43	1.04

12 21 16 Vertical Louver Blinds *(12 21)*

Note: Includes head rail, brackets, cords and all hardware.

12 21 16 13 Metal Vertical Louver Blinds *(12 21 16)*

12 21 16 13-0001 Aluminum Vertical Louver Blinds *(12 21 16 13)*

12 21 16 13-0002	SF	3-1/2" x 0.008" Slats, Aluminum Vertical Louver Blinds	14.81	2.20

12 21 16 33 Plastic Vertical Louver Blinds *(12 21 16)*

12 21 16 33-0001 Vinyl Vertical Louver Blinds *(12 21 16 33)*

12 21 16 33-0002	SF	2" Slats, Vinyl Vertical Louver Blinds	9.59	2.20
12 21 16 33-0003	SF	3-1/2" Slats, Vinyl Vertical Louver Blinds	13.39	2.20

12 22 Curtains and Drapes *(12 20)*

12 22 13 Draperies *(12 22)*

12 22 13 00-0001 Lined Draperies *(12 22 13)*

Note: Width dimensions are the panel width at top excluding returns and overlaps.

12 22 13 00-0002 Up To 48" Wide Lined Draperies *(12 22 13 00-0001)*

12 22 13 00-0003	EA	Up To 39" Long, Up To 48" Wide Lined Draperies	398.09	14.39
12 22 13 00-0004	EA	>39" To 63" Long, Up To 48" Wide Lined Draperies	414.68	14.39
12 22 13 00-0005	EA	>63" To 72" Long, Up To 48" Wide Lined Draperies	441.66	14.39
12 22 13 00-0006	EA	>72" To 81" Long, Up To 48" Wide Lined Draperies	452.03	14.39
12 22 13 00-0007	EA	>81" To 90" Long, Up To 48" Wide Lined Draperies	476.93	14.39
12 22 13 00-0008	EA	>90" To 99" Long, Up To 48" Wide Lined Draperies	510.13	14.39
12 22 13 00-0009	EA	>99" To 108" Long, Up To 48" Wide Lined Draperies	530.87	14.39
12 22 13 00-0010	EA	>108" To 120" Long, Up To 48" Wide Lined Draperies	559.92	14.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 22 13 00-0011	EA	>120" To 130" Long, Up To 48" Wide Lined Draperies	605.57	14.39
12 22 13 00-0012		**>48" To 72" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0013	EA	Up To 39" Long, >48" To 72" Wide Lined Draperies	578.58	19.57
12 22 13 00-0014	EA	>39" To 63" Long, >48" To 72" Wide Lined Draperies	615.93	19.57
12 22 13 00-0015	EA	>63" To 72" Long, >48" To 72" Wide Lined Draperies	644.97	19.57
12 22 13 00-0016	EA	>72" To 81" Long, >48" To 72" Wide Lined Draperies	669.87	19.57
12 22 13 00-0017	EA	>81" To 90" Long, >48" To 72" Wide Lined Draperies	727.96	19.57
12 22 13 00-0018	EA	>90" To 99" Long, >48" To 72" Wide Lined Draperies	757.01	19.57
12 22 13 00-0019	EA	>99" To 108" Long, >48" To 72" Wide Lined Draperies	781.91	19.57
12 22 13 00-0020	EA	>108" To 120" Long, >48" To 72" Wide Lined Draperies	835.86	19.57
12 22 13 00-0021	EA	>120" To 130" Long, >48" To 72" Wide Lined Draperies	893.95	19.57
12 22 13 00-0022		**>72" To 96" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0023	EA	Up To 39" Long, >72" To 96" Wide Lined Draperies	767.37	24.75
12 22 13 00-0024	EA	>39" To 63" Long, >72" To 96" Wide Lined Draperies	821.32	24.75
12 22 13 00-0025	EA	>63" To 72" Long, >72" To 96" Wide Lined Draperies	846.22	24.75
12 22 13 00-0026	EA	>72" To 81" Long, >72" To 96" Wide Lined Draperies	904.31	24.75
12 22 13 00-0027	EA	>81" To 90" Long, >72" To 96" Wide Lined Draperies	958.25	24.75
12 22 13 00-0028	EA	>90" To 99" Long, >72" To 96" Wide Lined Draperies	1,012.20	24.75
12 22 13 00-0029	EA	>99" To 108" Long, >72" To 96" Wide Lined Draperies	1,041.25	24.75
12 22 13 00-0030	EA	>108" To 120" Long, >72" To 96" Wide Lined Draperies	1,099.34	24.75
12 22 13 00-0031	EA	>120" To 130" Long, >72" To 96" Wide Lined Draperies	1,178.18	24.75
12 22 13 00-0032		**>96" To 120" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0033	EA	Up To 39" Long, >96" To 120" Wide Lined Draperies	968.61	29.92
12 22 13 00-0034	EA	>39" To 63" Long, >96" To 120" Wide Lined Draperies	1,022.56	29.92
12 22 13 00-0035	EA	>63" To 72" Long, >96" To 120" Wide Lined Draperies	1,051.61	29.92
12 22 13 00-0036	EA	>72" To 81" Long, >96" To 120" Wide Lined Draperies	1,134.60	29.92
12 22 13 00-0037	EA	>81" To 90" Long, >96" To 120" Wide Lined Draperies	1,188.54	29.92
12 22 13 00-0038	EA	>90" To 99" Long, >96" To 120" Wide Lined Draperies	1,246.64	29.92
12 22 13 00-0039	EA	>99" To 108" Long, >96" To 120" Wide Lined Draperies	1,618.66	29.92
12 22 13 00-0040	EA	>108" To 120" Long, >96" To 120" Wide Lined Draperies	1,387.72	29.92
12 22 13 00-0041	EA	>120" To 130" Long, >96" To 120" Wide Lined Draperies	1,429.22	29.92
12 22 13 00-0042		**>120" To 144" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0043	EA	Up To 39" Long, >120" To 144" Wide Lined Draperies	1,144.96	35.10
12 22 13 00-0044	EA	>39" To 63" Long, >120" To 144" Wide Lined Draperies	1,223.80	35.10
12 22 13 00-0045	EA	>63" To 72" Long, >120" To 144" Wide Lined Draperies	1,252.85	35.10
12 22 13 00-0046	EA	>72" To 81" Long, >120" To 144" Wide Lined Draperies	1,335.84	35.10
12 22 13 00-0047	EA	>81" To 90" Long, >120" To 144" Wide Lined Draperies	1,418.83	35.10
12 22 13 00-0048	EA	>90" To 99" Long, >120" To 144" Wide Lined Draperies	1,501.83	35.10
12 22 13 00-0049	EA	>99" To 108" Long, >120" To 144" Wide Lined Draperies	1,584.81	35.10
12 22 13 00-0050	EA	>108" To 120" Long, >120" To 144" Wide Lined Draperies	1,667.81	35.10
12 22 13 00-0051	EA	>120" To 130" Long, >120" To 144" Wide Lined Draperies	1,771.55	35.10
12 22 13 00-0052		**>144" To 168" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0053	EA	Up To 39" Long, >144" To 168" Wide Lined Draperies	1,346.20	40.28
12 22 13 00-0054	EA	>39" To 63" Long, >144" To 168" Wide Lined Draperies	1,429.19	40.28
12 22 13 00-0055	EA	>63" To 72" Long, >144" To 168" Wide Lined Draperies	1,491.44	40.28
12 22 13 00-0056	EA	>72" To 81" Long, >144" To 168" Wide Lined Draperies	1,574.43	40.28
12 22 13 00-0057	EA	>81" To 90" Long, >144" To 168" Wide Lined Draperies	1,657.42	40.28
12 22 13 00-0058	EA	>90" To 99" Long, >144" To 168" Wide Lined Draperies	1,761.16	40.28
12 22 13 00-0059	EA	>99" To 108" Long, >144" To 168" Wide Lined Draperies	1,844.15	40.28
12 22 13 00-0060	EA	>108" To 120" Long, >144" To 168" Wide Lined Draperies	1,927.15	40.28
12 22 13 00-0061	EA	>120" To 130" Long, >144" To 168" Wide Lined Draperies	2,072.38	40.28
12 22 13 00-0062		**>168" To 192" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0063	EA	Up To 39" Long, >168" To 192" Wide Lined Draperies	1,522.55	45.46
12 22 13 00-0064	EA	>39" To 63" Long, >168" To 192" Wide Lined Draperies	1,626.29	45.46
12 22 13 00-0065	EA	>63" To 72" Long, >168" To 192" Wide Lined Draperies	1,688.53	45.46
12 22 13 00-0066	EA	>72" To 81" Long, >168" To 192" Wide Lined Draperies	1,792.27	45.46
12 22 13 00-0067	EA	>81" To 90" Long, >168" To 192" Wide Lined Draperies	1,875.26	45.46
12 22 13 00-0068	EA	>90" To 99" Long, >168" To 192" Wide Lined Draperies	1,979.00	45.46
12 22 13 00-0069	EA	>99" To 108" Long, >168" To 192" Wide Lined Draperies	2,144.99	45.46
12 22 13 00-0070	EA	>108" To 120" Long, >168" To 192" Wide Lined Draperies	2,207.23	45.46
12 22 13 00-0071	EA	>120" To 130" Long, >168" To 192" Wide Lined Draperies	2,352.47	45.46
12 22 13 00-0072		**>192" To 216" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0073	EA	Up To 39" Long, >192" To 216" Wide Lined Draperies	1,719.63	50.64
12 22 13 00-0074	EA	>39" To 63" Long, >192" To 216" Wide Lined Draperies	1,802.62	50.64
12 22 13 00-0075	EA	>63" To 72" Long, >192" To 216" Wide Lined Draperies	1,885.61	50.64
12 22 13 00-0076	EA	>72" To 81" Long, >192" To 216" Wide Lined Draperies	2,010.10	50.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 22 13 00-0077	EA	>81" To 90" Long, >192" To 216" Wide Lined Draperies	2,134.59	50.64
12 22 13 00-0078	EA	>90" To 99" Long, >192" To 216" Wide Lined Draperies	2,259.07	50.64
12 22 13 00-0079	EA	>99" To 108" Long, >192" To 216" Wide Lined Draperies	2,362.82	50.64
12 22 13 00-0080	EA	>108" To 120" Long, >192" To 216" Wide Lined Draperies	2,466.56	50.64
12 22 13 00-0081	EA	>120" To 130" Long, >192" To 216" Wide Lined Draperies	2,653.29	50.64
12 22 13 00-0082		>216" To 240" Wide Lined Draperies *(12 22 13 00-0001)*		
12 22 13 00-0083	EA	Up To 39" Long, >216" To 240" Wide Lined Draperies	1,895.97	55.82
12 22 13 00-0084	EA	>39" To 63" Long, >216" To 240" Wide Lined Draperies	2,041.21	55.82
12 22 13 00-0085	EA	>63" To 72" Long, >216" To 240" Wide Lined Draperies	2,103.45	55.82
12 22 13 00-0086	EA	>72" To 81" Long, >216" To 240" Wide Lined Draperies	2,227.94	55.82
12 22 13 00-0087	EA	>81" To 90" Long, >216" To 240" Wide Lined Draperies	2,373.18	55.82
12 22 13 00-0088	EA	>90" To 99" Long, >216" To 240" Wide Lined Draperies	2,497.66	55.82
12 22 13 00-0089	EA	>99" To 108" Long, >216" To 240" Wide Lined Draperies	2,622.15	55.82
12 22 13 00-0090	EA	>108" To 120" Long, >216" To 240" Wide Lined Draperies	2,746.64	55.82
12 22 13 00-0091	EA	>120" To 130" Long, >216" To 240" Wide Lined Draperies	2,954.12	55.82
12 22 16		**Drapery Track and Accessories** *(12 22)*		
12 22 16 00-0001		Metal Wall Or Ceiling Mount Drapery Tracks *(12 22 16)*		
12 22 16 00-0002		Basic Traverse Rod *(12 22 16 00-0001)*		
12 22 16 00-0003	EA	Traverse Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track	157.93	49.56
12 22 16 00-0004	EA	Traverse Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track	188.95	49.56
12 22 16 00-0005	EA	Traverse Rod, 84' To 156" Extension Metal Wall Or Ceiling Mounted Track	226.45	55.07
12 22 16 00-0006	EA	Traverse Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track	323.32	55.07
12 22 16 00-0007	EA	Traverse Rod, 165" To 312" Extension Metal Wall Or Ceiling Mounted Track	333.27	60.58
12 22 16 00-0008		Traverse Rod With Stationary Curtain Rod *(12 22 16 00-0001)*		
12 22 16 00-0009	EA	Tray And Curtain Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track	187.66	49.56
12 22 16 00-0010	EA	Tray And Curtain Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track	207.69	49.56
12 22 16 00-0011	EA	Tray And Curtain Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track	273.62	55.07
12 22 16 00-0012	EA	Tray And Curtain Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track	314.54	60.58
12 22 16 00-0013		Double Traverse Rod *(12 22 16 00-0001)*		
12 22 16 00-0014	EA	Double Traverse Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track	238.71	49.56
12 22 16 00-0015	EA	Double Traverse Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track	299.45	49.56
12 22 16 00-0016	EA	Double Traverse Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track	379.92	55.07
12 22 16 00-0017	EA	Double Traverse Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track	409.52	60.58
12 22 16 00-0018		Curtain Rods *(12 22 16 00-0001)*		
12 22 16 00-0019	LF	Standard Metal Curtain Rod, White	13.44	2.07
12 22 16 00-0020		Relocate Drapery And Rod *(12 22 16 00-0001)*		
12 22 16 00-0021	LF	Relocate Any Type Of Drapery And Any Type Rod Note: Includes storage and cleaning.	33.04	
12 24		**Window Shades** *(12 20)*		
12 24 13		**Roller Window Shades** *(12 24)*		
12 24 13 00-0001		Roller Window Shades *(12 24 13)*		
12 24 13 00-0002		Vinyl Coated Fiberglass, Roller Window Shades *(12 24 13 00-0001)* Note: Includes roller, brackets, and stainless steel chain operator.		
12 24 13 00-0003	SF	0% Openness, Blackout, Vinyl Coated Fiberglass, Roller Window Shades	16.03	0.69
12 24 13 00-0004	SF	1% To 10% Openness, Vinyl Coated Fiberglass, Roller Window Shades	16.03	0.69
12 24 13 00-0005		Polyvinyl Chloride (PVC) Free, Acrylic Backed Polyester, Roller Window Shades *(12 24 13 00-0001)* Note: Includes roller, brackets, and stainless steel chain operator.		
12 24 13 00-0006	SF	0% Openness, Blackout, Polyvinyl Chloride (PVC) Free, Acrylic Backed Polyester, Roller Window Shades	20.53	0.69
12 24 13 00-0007		Vinyl Coated Polyester, Roller Window Shades *(12 24 13 00-0001)* Note: Includes roller, brackets, and stainless steel chain operator.		
12 24 13 00-0008	SF	1% To 10% Openness, Vinyl Coated Polyester, Roller Window Shades	16.03	0.69
12 25		**Window Treatment Operating Hardware** *(12 20)*		
12 25 13		**Motorized Drapery Rods** *(12 25)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 25 13 00-0001		Motorized Drapery Track *(12 25 13)*		
12 25 13 00-0002	EA	2' To 4' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,449.02	115.90
12 25 13 00-0003	EA	>4' To 5' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,510.73	127.49
12 25 13 00-0004	EA	>5' To 6' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,572.44	139.08
12 25 13 00-0005	EA	>6' To 7' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,634.16	150.67
12 25 13 00-0006	EA	>7' To 8' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,695.87	162.26
12 25 13 00-0007	EA	>8' To 9' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,757.58	173.85
12 25 13 00-0008	EA	>9' To 10' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,819.30	185.44
12 25 13 00-0009	EA	>10' To 11' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,881.01	197.03
12 25 13 00-0010	EA	>11' To 12' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,942.72	208.62
12 25 13 00-0011	EA	>12' To 13' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,004.44	220.21
12 25 13 00-0012	EA	>13' To 14' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,066.15	231.80
12 25 13 00-0013	EA	>14' To 15' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,127.86	243.39
12 25 13 00-0014	EA	>15' To 16' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,189.57	254.98
12 25 13 00-0015	EA	>16' To 17' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,251.28	266.57
12 25 13 00-0016	EA	>17' To 18' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,312.99	278.16
12 25 13 00-0017	EA	>18' To 19' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,374.70	289.75
12 25 13 00-0018	EA	>19' To 20' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,436.42	301.34
12 25 13 00-0019	EA	>20' To 21' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,498.13	312.93
12 25 13 00-0020	EA	>21' To 22' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,559.84	324.52
12 25 13 00-0021	EA	>22' To 23' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,621.55	336.11
12 25 13 00-0022	EA	>23' To 24' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,683.26	347.70

12 30 Casework *(12)*

12 31 Manufactured Metal Casework *(12 30)*

12 31 16 Manufactured Metal Sandwich Panel Casework *(12 31)*

12 31 16 00-0001 34-1/2" High x 24" Deep, Stainless Steel Cabinets *(12 31 16)*

12 31 16 00-0002 18 Gauge, #4 Finish, 304 Stainless Steel Base Cabinets *(12 31 16 00-0001)*

12 31 16 00-0003 18" Stainless Steel Base Cabinet *(12 31 16 00-0002)*

12 31 16 00-0004	EA	18" Stainless Steel Base Cabinet, No Doors Or Drawers	2,136.40	267.12
		For 16 Gauge Stainless Steel, Add	*344.43*	
		For >5 To 9, Deduct	*-84.11*	
		For >9, Deduct	*-168.21*	
12 31 16 00-0005	EA	18" Stainless Steel Base Cabinet, With 4 Drawers	3,497.09	267.12
		For 16 Gauge Stainless Steel, Add	*636.98*	
		For >5 To 9, Deduct	*-155.54*	
		For >9, Deduct	*-311.08*	
12 31 16 00-0006	EA	18" Stainless Steel Base Cabinet, With 3 Drawers	3,240.34	267.12
		For 16 Gauge Stainless Steel, Add	*581.78*	
		For >5 To 9, Deduct	*-142.06*	
		For >9, Deduct	*-284.12*	
12 31 16 00-0007	EA	18" Stainless Steel Base Cabinet, With 2 Drawers	2,983.58	267.12
		For 16 Gauge Stainless Steel, Add	*526.57*	
		For >5 To 9, Deduct	*-128.58*	
		For >9, Deduct	*-257.16*	
12 31 16 00-0008	EA	18" Stainless Steel Base Cabinet, With Doors And Drawers	2,896.46	267.12
		For 16 Gauge Stainless Steel, Add	*507.84*	
		For >5 To 9, Deduct	*-124.01*	
		For >9, Deduct	*-248.02*	

12 31 16 00-0009 24" Stainless Steel Base Cabinet *(12 31 16 00-0002)*

12 31 16 00-0010	EA	24" Stainless Steel Base Cabinet, With Doors And Locks	3,103.57	288.69
		For 16 Gauge Stainless Steel, Add	*543.04*	
		For >5 To 9, Deduct	*-132.60*	
		For >9, Deduct	*-265.20*	
12 31 16 00-0011	EA	24" Stainless Steel Base Cabinet, With Door, No Locks	2,790.27	288.69
		For 16 Gauge Stainless Steel, Add	*475.68*	
		For >5 To 9, Deduct	*-116.15*	
		For >9, Deduct	*-232.31*	
12 31 16 00-0012	EA	24" Stainless Steel Base Cabinet, With Two Doors, No Locks	2,858.87	288.69
		For 16 Gauge Stainless Steel, Add	*490.43*	
		For >5 To 9, Deduct	*-119.76*	
		For >9, Deduct	*-239.51*	
12 31 16 00-0013	EA	24" Stainless Steel Base Cabinet, No Doors, 2 Drawers	3,177.72	288.69
		For 16 Gauge Stainless Steel, Add	*558.98*	
		For >5 To 9, Deduct	*-136.49*	
		For >9, Deduct	*-272.99*	
12 31 16 00-0014	EA	24" Stainless Steel Base Cabinet, With Doors And Drawers, No Locks	4,144.48	288.69
		For 16 Gauge Stainless Steel, Add	*766.83*	
		For >5 To 9, Deduct	*-187.25*	
		For >9, Deduct	*-374.50*	
12 31 16 00-0015	EA	24" Stainless Steel Base Cabinet, With Doors And Drawers, With Locks	4,558.80	288.69
		For 16 Gauge Stainless Steel, Add	*855.91*	
		For >5 To 9, Deduct	*-209.00*	
		For >9, Deduct	*-418.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0016		**30" Stainless Steel Base Cabinet** *(12 31 16 00-0002)*		
12 31 16 00-0017	EA	30" Stainless Steel Base Cabinet, No Doors, No Drawers	2,723.64	304.23
		For 16 Gauge Stainless Steel, Add	*454.82*	
		For >5 To 9, Deduct	*-111.06*	
		For >9, Deduct	*-222.12*	
12 31 16 00-0018	EA	30" Stainless Steel Base Cabinet, With 4 Full Size Drawers	3,980.51	304.23
		For 16 Gauge Stainless Steel, Add	*725.04*	
		For >5 To 9, Deduct	*-177.05*	
		For >9, Deduct	*-354.09*	
12 31 16 00-0019	EA	30" Stainless Steel Base Cabinet, With Doors, Drawers And Locks	5,136.36	304.23
		For 16 Gauge Stainless Steel, Add	*973.55*	
		For >5 To 9, Deduct	*-237.73*	
		For >9, Deduct	*-475.45*	
12 31 16 00-0020	EA	30" Stainless Steel Base Cabinet, With Doors And Drawers, No Locks	4,722.03	304.23
		For 16 Gauge Stainless Steel, Add	*884.47*	
		For >5 To 9, Deduct	*-215.98*	
		For >9, Deduct	*-431.95*	
12 31 16 00-0021	EA	30" Stainless Steel Base Cabinet, With Doors And One Full Size Drawer	4,465.28	304.23
		For 16 Gauge Stainless Steel, Add	*829.27*	
		For >5 To 9, Deduct	*-202.50*	
		For >9, Deduct	*-404.99*	
12 31 16 00-0022	EA	30" Stainless Steel Base Cabinet, With Doors, No Locks	3,423.45	304.23
		For 16 Gauge Stainless Steel, Add	*605.27*	
		For >5 To 9, Deduct	*-147.80*	
		For >9, Deduct	*-295.60*	
12 31 16 00-0023	EA	30" Stainless Steel Base Cabinet, With Doors And Locks	3,391.93	304.23
		For 16 Gauge Stainless Steel, Add	*598.50*	
		For >5 To 9, Deduct	*-146.14*	
		For >9, Deduct	*-292.29*	
12 31 16 00-0024		**36" Stainless Steel Base Cabinet** *(12 31 16 00-0002)*		
12 31 16 00-0025	EA	36" Stainless Steel Base Cabinet, No Doors, No Drawers	3,011.98	316.30
		For 16 Gauge Stainless Steel, Add	*511.43*	
		For >5 To 9, Deduct	*-124.88*	
		For >9, Deduct	*-249.77*	
12 31 16 00-0026	EA	36" Stainless Steel Base Cabinet, With Doors And Locks	3,681.20	316.30
		For 16 Gauge Stainless Steel, Add	*655.32*	
		For >5 To 9, Deduct	*-160.02*	
		For >9, Deduct	*-320.04*	
12 31 16 00-0027	EA	36" Stainless Steel Base Cabinet, With Door, No Lock	3,434.65	316.30
		For 16 Gauge Stainless Steel, Add	*602.31*	
		For >5 To 9, Deduct	*-147.08*	
		For >9, Deduct	*-294.15*	
12 31 16 00-0028	EA	36" Stainless Steel Base Cabinet, With Doors, Drawers And Lock	5,421.92	316.30
		For 16 Gauge Stainless Steel, Add	*1,029.57*	
		For >5 To 9, Deduct	*-251.41*	
		For >9, Deduct	*-502.81*	
12 31 16 00-0029	EA	36" Stainless Steel Base Cabinet, With Doors, Drawers, No Locks	5,008.52	316.30
		For 16 Gauge Stainless Steel, Add	*940.69*	
		For >5 To 9, Deduct	*-229.70*	
		For >9, Deduct	*-459.41*	
12 31 16 00-0030		**42" Stainless Steel Base Cabinet** *(12 31 16 00-0002)*		
12 31 16 00-0031	EA	42" Stainless Steel Base Cabinet, No Doors, No Drawers	3,161.25	336.15
		For 16 Gauge Stainless Steel, Add	*535.11*	
		For >5 To 9, Deduct	*-130.67*	
		For >9, Deduct	*-261.33*	
12 31 16 00-0032	EA	42" Stainless Steel Base Cabinet, With Doors, Drawers And Lock	5,718.57	336.15
		For 16 Gauge Stainless Steel, Add	*1,084.93*	
		For >5 To 9, Deduct	*-264.93*	
		For >9, Deduct	*-529.85*	
12 31 16 00-0033	EA	42" Stainless Steel Base Cabinet, With Doors, Drawers, No Lock	5,304.25	336.15
		For 16 Gauge Stainless Steel, Add	*995.85*	
		For >5 To 9, Deduct	*-243.17*	
		For >9, Deduct	*-486.35*	
12 31 16 00-0034	EA	42" Stainless Steel Base Cabinet, No Doors, 2 Drawers	4,875.09	336.15
		For 16 Gauge Stainless Steel, Add	*903.58*	
		For >5 To 9, Deduct	*-220.64*	
		For >9, Deduct	*-441.29*	
12 31 16 00-0035	EA	42" Stainless Steel Base Cabinet, With Doors, No Lock	3,732.22	336.15
		For 16 Gauge Stainless Steel, Add	*657.87*	
		For >5 To 9, Deduct	*-160.64*	
		For >9, Deduct	*-321.28*	
12 31 16 00-0036	EA	42" Stainless Steel Base Cabinet, With Doors And Lock	3,975.07	336.15
		For 16 Gauge Stainless Steel, Add	*710.08*	
		For >5 To 9, Deduct	*-173.39*	
		For >9, Deduct	*-346.78*	
12 31 16 00-0037		**48" Stainless Steel Base Cabinet** *(12 31 16 00-0002)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0038	EA	48" Stainless Steel Base Cabinet, With Doors, Drawers And Lock	5,998.90	343.92
		For 16 Gauge Stainless Steel, Add	*1,141.98*	
		For >5 To 9, Deduct	*-278.86*	
		For >9, Deduct	*-557.71*	
12 31 16 00-0039	EA	48" Stainless Steel Base Cabinet, With Doors, Drawers, No Lock	5,585.50	343.92
		For 16 Gauge Stainless Steel, Add	*1,053.10*	
		For >5 To 9, Deduct	*-257.15*	
		For >9, Deduct	*-514.30*	
12 31 16 00-0040	EA	48" Stainless Steel Base Cabinet, No Doors, No Drawers	3,441.58	343.92
		For 16 Gauge Stainless Steel, Add	*592.16*	
		For >5 To 9, Deduct	*-144.60*	
		For >9, Deduct	*-289.19*	
12 31 16 00-0041	EA	48" Stainless Steel Base Cabinet, No Doors, 2 Drawers	5,156.34	343.92
		For 16 Gauge Stainless Steel, Add	*960.83*	
		For >5 To 9, Deduct	*-234.62*	
		For >9, Deduct	*-469.24*	
12 31 16 00-0042	EA	48" Stainless Steel Base Cabinet, With Doors, And Lock	4,258.18	343.92
		For 16 Gauge Stainless Steel, Add	*767.73*	
		For >5 To 9, Deduct	*-187.47*	
		For >9, Deduct	*-374.94*	
12 31 16 00-0043	EA	48" Stainless Steel Base Cabinet, With Doors, No Locks	4,191.44	343.92
		For 16 Gauge Stainless Steel, Add	*753.38*	
		For >5 To 9, Deduct	*-183.96*	
		For >9, Deduct	*-367.93*	
12 31 16 00-0044		**60" Stainless Steel Base Cabinet** *(12 31 16 00-0002)*		
12 31 16 00-0045	EA	24" Deep x 60" Wide Stainless Steel Sink Base Cabinet	4,144.97	354.39
		For 16 Gauge Stainless Steel, Add	*738.86*	
		For >5 To 9, Deduct	*-180.42*	
		For >9, Deduct	*-360.84*	
12 31 16 00-0046		**18 Gauge, #4 Finish, 304 Stainless Steel Wall Cabinets** *(12 31 16 00-0001)*		
12 31 16 00-0047		**12" Wide Stainless Steel Wall Cabinets** *(12 31 16 00-0046)*		
12 31 16 00-0048	EA	12"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,671.68	101.69
		For 16 Gauge Stainless Steel, Add	*315.68*	
		For >5 To 9, Deduct	*-77.08*	
		For >9, Deduct	*-154.17*	
12 31 16 00-0049	EA	12"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,664.23	107.85
		For 16 Gauge Stainless Steel, Add	*311.42*	
		For >5 To 9, Deduct	*-76.05*	
		For >9, Deduct	*-152.09*	
12 31 16 00-0050		**18" Wide Stainless Steel Wall Cabinets** *(12 31 16 00-0046)*		
12 31 16 00-0051	EA	18"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,752.03	109.33
		For 16 Gauge Stainless Steel, Add	*329.64*	
		For >5 To 9, Deduct	*-80.49*	
		For >9, Deduct	*-160.99*	
12 31 16 00-0052	EA	18"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,651.00	109.33
		For 16 Gauge Stainless Steel, Add	*307.92*	
		For >5 To 9, Deduct	*-75.19*	
		For >9, Deduct	*-150.38*	
12 31 16 00-0053	EA	18"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	1,938.14	118.95
		For 16 Gauge Stainless Steel, Add	*365.54*	
		For >5 To 9, Deduct	*-89.26*	
		For >9, Deduct	*-178.52*	
12 31 16 00-0054	EA	18"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,876.03	118.95
		For 16 Gauge Stainless Steel, Add	*352.18*	
		For >5 To 9, Deduct	*-86.00*	
		For >9, Deduct	*-172.00*	
12 31 16 00-0055		**24" Wide Stainless Steel Wall Cabinets** *(12 31 16 00-0046)*		
12 31 16 00-0056	EA	24"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Door	1,449.92	121.05
		For 16 Gauge Stainless Steel, Add	*259.70*	
		For >5 To 9, Deduct	*-63.41*	
		For >9, Deduct	*-126.83*	
12 31 16 00-0057	EA	24"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	1,978.25	121.05
		For 16 Gauge Stainless Steel, Add	*373.29*	
		For >5 To 9, Deduct	*-91.15*	
		For >9, Deduct	*-182.30*	
12 31 16 00-0058	EA	24"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,878.15	121.05
		For 16 Gauge Stainless Steel, Add	*351.77*	
		For >5 To 9, Deduct	*-85.90*	
		For >9, Deduct	*-171.79*	
12 31 16 00-0059	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,862.53	113.03
		For 16 Gauge Stainless Steel, Add	*351.79*	
		For >5 To 9, Deduct	*-85.90*	
		For >9, Deduct	*-171.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0060	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,755.94	113.03
		For 16 Gauge Stainless Steel, Add	*328.87*	
		For >5 To 9, Deduct	*-80.31*	
		For >9, Deduct	*-160.61*	
12 31 16 00-0061	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Glass Door, No Lock	2,255.54	113.03
		For 16 Gauge Stainless Steel, Add	*436.28*	
		For >5 To 9, Deduct	*-106.53*	
		For >9, Deduct	*-213.07*	
12 31 16 00-0062	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,327.71	113.03
		For 16 Gauge Stainless Steel, Add	*236.80*	
		For >5 To 9, Deduct	*-57.82*	
		For >9, Deduct	*-115.65*	
12 31 16 00-0063	EA	24"W x 12"D x 18"H Stainless Steel Wall Cabinet, No Doors	1,249.90	107.85
		For 16 Gauge Stainless Steel, Add	*222.34*	
		For >5 To 9, Deduct	*-54.29*	
		For >9, Deduct	*-108.59*	
12 31 16 00-0064		**30" Wide Stainless Steel Wall Cabinets** *(12 31 16 00-0046)*		
12 31 16 00-0065	EA	30"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	2,571.94	128.57
		For 16 Gauge Stainless Steel, Add	*497.68*	
		For >5 To 9, Deduct	*-121.53*	
		For >9, Deduct	*-243.05*	
12 31 16 00-0066	EA	30"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	2,329.10	128.57
		For 16 Gauge Stainless Steel, Add	*445.47*	
		For >5 To 9, Deduct	*-108.78*	
		For >9, Deduct	*-217.55*	
12 31 16 00-0067	EA	30"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,556.99	128.57
		For 16 Gauge Stainless Steel, Add	*279.46*	
		For >5 To 9, Deduct	*-68.24*	
		For >9, Deduct	*-136.48*	
12 31 16 00-0068	EA	30"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	2,447.30	118.34
		For 16 Gauge Stainless Steel, Add	*475.27*	
		For >5 To 9, Deduct	*-116.05*	
		For >9, Deduct	*-232.11*	
12 31 16 00-0069	EA	30"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Lock	2,204.45	118.34
		For 16 Gauge Stainless Steel, Add	*423.06*	
		For >5 To 9, Deduct	*-103.30*	
		For >9, Deduct	*-206.61*	
12 31 16 00-0070	EA	30"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,432.34	118.34
		For 16 Gauge Stainless Steel, Add	*257.05*	
		For >5 To 9, Deduct	*-62.77*	
		For >9, Deduct	*-125.54*	
12 31 16 00-0071	EA	30"W x 12"D x 18"H Stainless Steel Wall Cabinet, No Doors	1,354.17	112.79
		For 16 Gauge Stainless Steel, Add	*242.67*	
		For >5 To 9, Deduct	*-59.26*	
		For >9, Deduct	*-118.51*	
12 31 16 00-0072		**36" Wide Stainless Steel Wall Cabinets** *(12 31 16 00-0046)*		
12 31 16 00-0073	EA	36"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	2,674.97	132.27
		For 16 Gauge Stainless Steel, Add	*518.25*	
		For >5 To 9, Deduct	*-126.55*	
		For >9, Deduct	*-253.10*	
12 31 16 00-0074	EA	36"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	2,426.56	132.27
		For 16 Gauge Stainless Steel, Add	*464.84*	
		For >5 To 9, Deduct	*-113.51*	
		For >9, Deduct	*-227.01*	
12 31 16 00-0075	EA	36"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,660.01	132.27
		For 16 Gauge Stainless Steel, Add	*300.03*	
		For >5 To 9, Deduct	*-73.26*	
		For >9, Deduct	*-146.53*	
12 31 16 00-0076	EA	36"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	2,549.22	121.05
		For 16 Gauge Stainless Steel, Add	*496.05*	
		For >5 To 9, Deduct	*-121.13*	
		For >9, Deduct	*-242.26*	
12 31 16 00-0077	EA	36"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	2,307.30	121.05
		For 16 Gauge Stainless Steel, Add	*444.04*	
		For >5 To 9, Deduct	*-108.43*	
		For >9, Deduct	*-216.85*	
12 31 16 00-0078	EA	36"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,534.27	121.05
		For 16 Gauge Stainless Steel, Add	*277.83*	
		For >5 To 9, Deduct	*-67.84*	
		For >9, Deduct	*-135.69*	
12 31 16 00-0079	EA	36"W x 12"D x 18"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,457.83	115.26
		For 16 Gauge Stainless Steel, Add	*263.87*	
		For >5 To 9, Deduct	*-64.43*	
		For >9, Deduct	*-128.86*	
12 31 16 00-0080		**42" Wide Stainless Steel Wall Cabinets** *(12 31 16 00-0046)*		
12 31 16 00-0081	EA	42"W x 12"D x 42"H Stainless Steel Wall Cabinet, With Doors, No Locks	2,797.60	166.41
		For 16 Gauge Stainless Steel, Add	*529.98*	
		For >5 To 9, Deduct	*-129.41*	
		For >9, Deduct	*-258.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0082	EA	42"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	2,804.57	157.04
		For 16 Gauge Stainless Steel, Add	*535.49*	
		For >5 To 9, Deduct	*-130.76*	
		For >9, Deduct	*-261.52*	
12 31 16 00-0083	EA	42"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	2,558.01	157.04
		For 16 Gauge Stainless Steel, Add	*482.48*	
		For >5 To 9, Deduct	*-117.81*	
		For >9, Deduct	*-235.63*	
12 31 16 00-0084	EA	42"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,787.76	157.04
		For 16 Gauge Stainless Steel, Add	*316.88*	
		For >5 To 9, Deduct	*-77.38*	
		For >9, Deduct	*-154.75*	
12 31 16 00-0085	EA	42"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	2,647.70	131.89
		For 16 Gauge Stainless Steel, Add	*512.54*	
		For >5 To 9, Deduct	*-125.16*	
		For >9, Deduct	*-250.31*	
12 31 16 00-0086	EA	42"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	2,403.00	131.89
		For 16 Gauge Stainless Steel, Add	*459.93*	
		For >5 To 9, Deduct	*-112.31*	
		For >9, Deduct	*-224.62*	
12 31 16 00-0087	EA	42"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,632.75	131.89
		For 16 Gauge Stainless Steel, Add	*294.33*	
		For >5 To 9, Deduct	*-71.87*	
		For >9, Deduct	*-143.74*	
12 31 16 00-0088		**48" Wide Stainless Steel Wall Cabinets** *(12 31 16 00-0046)*		
12 31 16 00-0089	EA	48"W x 12"D x 42"H Stainless Steel Wall Cabinet, No Doors, No Locks	2,457.22	166.41
		For 16 Gauge Stainless Steel, Add	*455.36*	
		For >5 To 9, Deduct	*-111.19*	
		For >9, Deduct	*-222.39*	
12 31 16 00-0090	EA	48"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	2,905.59	160.50
		For 16 Gauge Stainless Steel, Add	*555.68*	
		For >5 To 9, Deduct	*-135.69*	
		For >9, Deduct	*-271.38*	
12 31 16 00-0091	EA	48"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	2,662.74	160.50
		For 16 Gauge Stainless Steel, Add	*503.47*	
		For >5 To 9, Deduct	*-122.94*	
		For >9, Deduct	*-245.88*	
12 31 16 00-0092	EA	48"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,890.63	160.50
		For 16 Gauge Stainless Steel, Add	*337.47*	
		For >5 To 9, Deduct	*-82.41*	
		For >9, Deduct	*-164.81*	
12 31 16 00-0093	EA	48"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	2,748.27	133.12
		For 16 Gauge Stainless Steel, Add	*533.60*	
		For >5 To 9, Deduct	*-130.30*	
		For >9, Deduct	*-260.59*	
12 31 16 00-0094	EA	48"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	2,506.35	133.12
		For 16 Gauge Stainless Steel, Add	*481.58*	
		For >5 To 9, Deduct	*-117.60*	
		For >9, Deduct	*-235.19*	
12 31 16 00-0095	EA	48"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,733.31	133.12
		For 16 Gauge Stainless Steel, Add	*315.38*	
		For >5 To 9, Deduct	*-77.01*	
		For >9, Deduct	*-154.02*	
12 31 16 00-0096		**Accessories** *(12 31 16 00-0001)*		
12 31 16 00-0097		**Stainless Steel Countertops** *(12 31 16 00-0096)*		
		Note: Includes all finishes, finished ends and all edge types such as straight, bullnose, eased, marine, etc. Excludes sinks.		
12 31 16 00-0098	SF	16 Gauge Stainless Steel Countertop With Backsplash	128.12	6.78
		For 14 Gauge Stainless Steel, Add	*25.32*	
12 31 16 00-0099	SF	16 Gauge Stainless Steel Countertop Without Backsplash	117.40	6.78
		For 14 Gauge Stainless Steel, Add	*22.95*	
12 31 16 00-0100	EA	Cutout For Sink And/or Faucet In Stainless Steel Countertop	172.57	
12 31 16 00-0101		**Stainless Steel Wall Panels** *(12 31 16 00-0096)*		
12 31 16 00-0102	SF	20 Gauge Stainless Steel Wall Panel	41.07	10.11
		For 18 Gauge Stainless Steel, Add	*5.66*	
		For 16 Gauge Stainless Steel, Add	*10.91*	
12 31 16 00-0103		**Pedestal Legs** *(12 31 16 00-0096)*		
12 31 16 00-0104	EA	Type 304 Stainless Steel Pedestal Leg	365.76	15.41
12 31 16 00-0105		**Stainless Steel Slanted Cabinet Top Enclosure** *(12 31 16 00-0096)*		
12 31 16 00-0106	EA	Stainless Steel Slanted Cabinet Top Enclosure, 5' Sections	397.04	28.77

12 36 Countertops *(12 30)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 36 23		**Plastic Countertops** *(12 36)*		
12 36 23 13		**Plastic-Laminate-Clad Countertops** *(12 36 23)*		
12 36 23 13-0001		Plastic Laminate Countertops *(12 36 23 13)* Note: Includes plywood, medium-density fiberboard (MDF), or particleboard substrates, finished ends, and all edge types such as bullnose, ogee, round-over (rounded), bevel, etc.		
12 36 23 13-0002	SF	Plastic Laminate Countertop Without Backsplash	17.84	11.50
12 36 23 13-0003	SF	Plastic Laminate Countertop With 4" Backsplash	23.80	11.50
12 36 23 13-0004	LF	Plastic Laminate End Splash For Plastic Laminate Countertops	31.97	3.45
12 36 23 13-0005	EA	Cutout For Sink And/or Faucet In Plastic Laminate Countertop	95.87	
12 36 61		**Simulated Stone Countertops** *(12 36)*		
12 36 61 16		**Solid Surfacing Countertops** *(12 36 61)*		
12 36 61 16-0001		Solid Surface Countertops *(12 36 61 16)*		
12 36 61 16-0002		Solid Surface Countertops *(12 36 61 16-0001)* Note: Includes finished ends and all edge types such as bullnose, ogee, round-over (rounded), bevel, etc.		
12 36 61 16-0003	SF	1/4" Thick, Solid Color, Solid Surface Backsplash Note: Quantity based on area of backsplash. Excludes backing material such as cement or water resistant gypsum board.	49.61	7.68
		For Up To 50, Add	*16.39*	
		For >50 To 100, Add	*9.32*	
12 36 61 16-0004	SF	1/2" Thick, Solid Color, Solid Surface Countertop Without Backsplash Note: Quantity based on area of counter, backsplash and apron. Includes drilling holes for fixtures and 1-1/2" drop edge with 1/8" radius edges (when apron not used).	70.82	11.50
		For Up To 50, Add	*23.14*	
		For >50 To 100, Add	*13.40*	
12 36 61 16-0005	SF	3/4" Thick, Solid Color, Solid Surface Countertop Without Backsplash Note: Quantity based on area of counter, backsplash and apron. Includes drilling holes for fixtures and 1-1/2" drop edge with 1/8" radius edges (when apron not used).	90.93	11.50
		For Up To 50, Add	*30.10*	
		For >50 To 100, Add	*17.06*	
12 36 61 16-0006	SF	1/2" Thick, Solid Color, Solid Surface Countertop With 4" Backsplash	83.99	11.50
		For Up To 50, Add	*27.10*	
		For >50 To 100, Add	*16.04*	
12 36 61 16-0007	LF	1/2" Thick, Solid Color, Solid Surface 4" End Splash For Solid Surface Countertops	28.77	4.89
12 36 61 16-0008	EA	Cutout For Undercounter Sink In Solid Surface Countertop Note: Not including integral seamed sinks	172.57	
12 36 61 16-0009		Integral Seamless Solid Surface Lavatory *(12 36 61 16-0001)* Note: Includes sink cutout and hard seam of lavatory to countertop See CSI section 12 36 61 16-0002 for Solid Surface Countertops.		
12 36 61 16-0010	EA	16-1/2" x 13-1/8" x 5-1/2" Depth, Integral Solid Surface Lavatory Sink (Corian 810)	303.71	
12 36 61 16-0011	EA	20-7/16" x 14-7/16" x 6-1/8" Depth, Integral Solid Surface Lavatory Sink (Corian 815)	373.67	
12 36 61 16-0012	EA	17-3/8" x 10-13/16" x 5-1/2" Depth, Integral Solid Surface Lavatory Sink (Corian 816)	283.36	
12 36 61 16-0013	EA	14-3/4" x 10-1/2" x 5-1/2" Depth, Integral Solid Surface Lavatory Sink (Corian 820)	271.91	
12 36 61 16-0014	EA	18-7/8" x 13-3/4" x 5-7/8" Depth, Integral Solid Surface Lavatory Sink (Corian 830)	373.67	
12 36 61 16-0015	EA	20" x 13-3/8" x 6-1/4" Depth, Integral Solid Surface Lavatory Sink (Corian 831)	373.67	
12 36 61 16-0016	EA	19-3/4" x 14-1/4" x 5-7/8" Depth, Integral Solid Surface Lavatory Sink (Corian 835)	373.67	
12 36 61 16-0017	EA	17" x 14" x 6" Depth, Integral Solid Surface Lavatory Sink (Corian 837)	373.67	
12 36 61 16-0018		Integral Seamless Solid Surface Kitchen Sink *(12 36 61 16-0001)* Note: Includes sink cutout and hard seam of sink to countertop See CSI section 12 36 61 16-0002 for Solid Surface Countertops.		
12 36 61 16-0019	EA	Up To 1.5 SF, Single Basin, Integral Solid Surface Kitchen Sink	393.52	
12 36 61 16-0020	EA	>1.5 To 2.25 SF, Single Basin, Integral Solid Surface Kitchen Sink	616.13	
12 36 61 16-0021	EA	>2.25 To 3.0 SF, Single Basin, Integral Solid Surface Kitchen Sink	794.22	
12 36 61 16-0022	EA	>3.0 SF, Single Basin, Integral Solid Surface Kitchen Sink	852.73	
12 36 61 16-0023	EA	>3.0 SF, Double Basin, Integral Solid Surface Kitchen Sink	852.73	
12 36 61 19		**Quartz Agglomerate Countertops** *(12 36 61)*		
12 36 61 19-0001		Quartz Agglomerate Countertops *(12 36 61 19)* Note: Includes finished ends and all edge types such as bullnose, ogee, round-over (rounded), bevel, etc.		
12 36 61 19-0002	SF	3/4" Thick, Quartz Agglomerate Countertop Without Backsplash	77.92	16.11
12 36 61 19-0003	SF	1-1/4" Thick, Quartz Agglomerate Countertop Without Backsplash	95.70	16.11
12 36 61 19-0004	SF	3/4" Thick, Quartz Agglomerate Countertop With Backsplash	86.79	18.41
12 36 61 19-0005	SF	1-1/4" Thick, Quartz Agglomerate Countertop With Backsplash	104.55	18.41
12 36 61 19-0006	LF	Quartz Agglomerate Countertop End Splash For Quartz Agglomerate Countertops	16.81	4.89
12 36 61 19-0007	EA	Cutout For Sink And/or Faucet In Quartz Agglomerate Countertop	172.57	

12 40 Furnishings and Accessories *(12)*

12 41 Office Accessories *(12 40)*

12 41 11 Office Accessories *(12 41)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 41 11 00-0001		**Wall Mounted Office Accessories** *(12 41 11)*		
12 41 11 00-0002	EA	Manual Pencil Sharpener, Wall Mounted (Bostitch® BOSMPS1BLK)	26.61	4.07
12 41 11 00-0003	EA	Wall Mounted Flag	19.57	4.07
12 41 11 00-0004		**Desk Edge Mounted Clamps** *(12 41 11)*		
12 41 11 00-0005	EA	Aluminum Desk Edge Clamp Mount Bracket For Plexiglass And Acrylic Panels Note: Adjustable hand screw mounting to fit 3/4" to 2" desk and tabletops, clamp adjusts to support 1/8" to 3/8" thick panels.	42.83	
		For >10 To 50, Deduct	*-10.45*	
		For >50, Deduct	*-16.72*	

12 48 Rugs and Mats *(12 40)*

12 48 13 Entrance Floor Mats and Frames *(12 48)*

12 48 13 13 Entrance Floor Mats *(12 48 13)*

12 48 13 13-0001		**Floor Mats** *(12 48 13 13)*		
12 48 13 13-0002	SF	3/8" Thick Solid Recessed Floor Mat	33.55	2.75
		For Colors, Add	*5.61*	
12 48 13 13-0003	SF	1/2" Thick Solid Recessed Floor Mat	42.18	2.75
		For Colors, Add	*7.33*	
12 48 13 13-0004	SF	3/8" Thick Perforated Recessed Floor Mat	35.71	2.75
		For Colors, Add	*6.04*	
12 48 13 13-0005	SF	1/2" Thick Perforated Recessed Floor Mat	44.34	2.75
		For Colors, Add	*7.77*	
12 48 13 13-0006		**Link Mats** *(12 48 13 13)* Note: Includes nosing.		
12 48 13 13-0007	SF	3/8" Link Mats, Aluminum	53.72	2.75
12 48 13 13-0008	SF	Black Rubber Link Mats With Galvanized Tie Rods	35.17	2.75
12 48 13 13-0009	SF	3/8" Thick, Galvanized Steel Link Mats	20.18	2.75
12 48 13 13-0010	SF	Vinyl Link Mats, Color	38.37	2.75
12 48 13 13-0011	LF	Rubber Nosing	4.92	1.21
12 48 13 13-0012		**Duckboard** *(12 48 13 13)*		
12 48 13 13-0013	SF	Aluminum Slats	77.51	2.99
12 48 13 13-0014	SF	Hardwood Strips On Rubber Base	15.55	2.99
12 48 13 13-0015	SF	Assembled With Brass Rods And Vinyl Spacers	16.96	2.99
12 48 13 13-0016	SF	Tire Fabric, 3/4" Thick	24.41	2.99
12 48 13 13-0017	SF	Vinyl, 36" Wide, Hollow Top And Bottom	21.86	2.99
12 48 13 13-0018	SF	Vinyl, 36" Wide, Solid Top And Bottom	34.40	2.99

12 48 13 16 Entrance Floor Mat Frames *(12 48 13)*

12 48 13 16-0001		**Recessed Frames** *(12 48 13 16)*		
12 48 13 16-0002	LF	Aluminum Recessed Embedded Frame	31.91	4.60
12 48 13 16-0003	LF	Bronze Recessed Embedded Frame	14.67	4.60

12 50 Furniture *(12)*

12 56 Institutional Furniture *(12 50)*

12 56 39 Lecterns *(12 56)*

12 56 39 00-0001		**Lectern** *(12 56 39)*		
12 56 39 00-0002	EA	CON 1500-32 Van Oak Lectern	6,519.37	52.31

12 59 Systems Furniture *(12 50)*

12 59 13 Panel-Hung Component System Furniture *(12 59)*

12 59 13 00-0001		**Open Office Systems Furniture Components** *(12 59 13)* Note: Excludes electrical wire and wiring devices.		
12 59 13 00-0002	EA	34H 24W Fabric Covered Panel - Component Systems Furniture	324.10	28.78
		For Tackable Acoustical Barrier Panel, Add	*58.01*	
		For Acoustical Panel, Add	*63.06*	
		For Enameled Surface, Deduct	*-25.22*	
12 59 13 00-0003	EA	34H 30W Fabric Covered Panel - Component Systems Furniture	360.21	32.02
		For Tackable Acoustical Barrier Panel, Add	*64.47*	
		For Acoustical Panel, Add	*70.08*	
		For Enameled Surface, Deduct	*-28.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0004	EA	34H 36W Fabric Covered Panel - Component Systems Furniture	385.15	34.11
		For Tackable Acoustical Barrier Panel, Add	*68.94*	
		For Acoustical Panel, Add	*74.93*	
		For Enameled Surface, Deduct	*-29.97*	
12 59 13 00-0005	EA	34H 48W Fabric Covered Panel - Component Systems Furniture	431.57	38.30
		For Tackable Acoustical Barrier Panel, Add	*77.25*	
		For Acoustical Panel, Add	*83.97*	
		For Enameled Surface, Deduct	*-33.59*	
12 59 13 00-0006	EA	42H 24W Fabric Covered Panel - Component Systems Furniture	329.25	29.19
		For Tackable Acoustical Barrier Panel, Add	*58.93*	
		For Acoustical Panel, Add	*64.06*	
		For Enameled Surface, Deduct	*-25.62*	
12 59 13 00-0007	EA	42H 30W Fabric Covered Panel - Component Systems Furniture	372.22	32.96
		For Tackable Acoustical Barrier Panel, Add	*66.63*	
		For Acoustical Panel, Add	*72.42*	
		For Enameled Surface, Deduct	*-28.97*	
12 59 13 00-0008	EA	42H 36W Fabric Covered Panel - Component Systems Furniture	416.93	37.04
		For Tackable Acoustical Barrier Panel, Add	*74.63*	
		For Acoustical Panel, Add	*81.12*	
		For Enameled Surface, Deduct	*-32.45*	
12 59 13 00-0009	EA	42H 48W Fabric Covered Panel - Component Systems Furniture	490.02	43.42
		For Tackable Acoustical Barrier Panel, Add	*87.71*	
		For Acoustical Panel, Add	*95.34*	
		For Enameled Surface, Deduct	*-38.14*	
12 59 13 00-0010	EA	62H 12W Fabric Covered Panel - Component Systems Furniture	317.21	28.14
		For Tackable Acoustical Barrier Panel, Add	*56.78*	
		For Acoustical Panel, Add	*61.72*	
		For Enameled Surface, Deduct	*-24.69*	
12 59 13 00-0011	EA	62H 24W Fabric Covered Panel - Component Systems Furniture	390.30	34.63
		For Tackable Acoustical Barrier Panel, Add	*69.86*	
		For Acoustical Panel, Add	*75.94*	
		For Enameled Surface, Deduct	*-30.38*	
12 59 13 00-0012	EA	62H 36W Fabric Covered Panel - Component Systems Furniture	488.33	43.31
		For Tackable Acoustical Barrier Panel, Add	*87.40*	
		For Acoustical Panel, Add	*95.01*	
		For Enameled Surface, Deduct	*-38.00*	
12 59 13 00-0013	EA	62H 48W Fabric Covered Panel - Component Systems Furniture	584.56	51.79
		For Tackable Acoustical Barrier Panel, Add	*104.64*	
		For Acoustical Panel, Add	*113.74*	
		For Enameled Surface, Deduct	*-45.50*	
12 59 13 00-0014	EA	34" Draw Rod Panel Connector Hardware	17.69	1.56
12 59 13 00-0015	EA	42" Draw Rod Panel Connector Hardware	17.69	1.56
12 59 13 00-0016	EA	62" Draw Rod Panel Connector Hardware	18.87	1.67
12 59 13 00-0017	EA	34" Two-Way 90 Degree Panel Connector Hardware	81.41	7.22
12 59 13 00-0018	EA	42" Two-Way 90 Degree Panel Connector Hardware	94.39	8.37
12 59 13 00-0019	EA	62" Two-Way 90 Degree Panel Connector Hardware	108.55	9.63
12 59 13 00-0020	EA	34" Three-Way 90 Degree Panel Connector Hardware	126.26	11.19
12 59 13 00-0021	EA	42" Three-Way 90 Degree Panel Connector Hardware	146.32	12.97
12 59 13 00-0022	EA	62" Three-Way 90 Degree Panel Connector Hardware	169.91	15.07
12 59 13 00-0023	EA	34" Four-Way 90 Degree Panel Connector Hardware	159.30	14.12
12 59 13 00-0024	EA	42" Four-Way 90 Degree Panel Connector Hardware	186.43	16.53
12 59 13 00-0025	EA	62" Four-Way 90 Degree Panel Connector Hardware	224.20	19.88
12 59 13 00-0026	EA	34" Panel End Cap Hardware	27.14	2.41
12 59 13 00-0027	EA	42" Panel End Cap Hardware	30.68	2.72
12 59 13 00-0028	EA	62" Panel End Cap Hardware	33.04	2.93
12 59 13 00-0029	EA	28" Variable Height Panel End Filler Note: Field cut to appropriate length.	29.94	2.72
12 59 13 00-0030	EA	Two-Way Trim Cover For Cable Management Raceway	15.41	1.36
12 59 13 00-0031	EA	Three-Way Trim Cover For Cable Management Raceway	16.25	1.46
12 59 13 00-0032	EA	Four-Way Trim Cover For Cable Management Raceway	18.81	1.67
12 59 13 00-0033	EA	Finished End Trim Cover For Cable Management Raceway	15.41	1.36
12 59 13 00-0034	EA	12" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	31.66	2.83
12 59 13 00-0035	EA	24" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	35.94	3.14
12 59 13 00-0036	EA	30" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	36.77	3.24
12 59 13 00-0037	EA	36" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	41.07	3.66
12 59 13 00-0038	EA	48" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	46.18	4.08
12 59 13 00-0039	EA	24" x 36" Radiused Edge Rectangular Hanging Work Surface	248.44	21.98
12 59 13 00-0040	EA	30" x 36" Radiused Edge Rectangular Hanging Work Surface	306.04	27.10
12 59 13 00-0041	EA	24" x 48" Radiused Edge Rectangular Hanging Work Surface	288.86	25.64
12 59 13 00-0042	EA	30" x 48" Radiused Edge Rectangular Hanging Work Surface	361.09	32.02
12 59 13 00-0043	EA	24" x 60" Radiused Edge Rectangular Hanging Work Surface	364.50	32.33
12 59 13 00-0044	EA	30" x 60" Radiused Edge Rectangular Hanging Work Surface	459.09	40.80
12 59 13 00-0045	EA	24" x 72" Radiused Edge Rectangular Hanging Work Surface	442.73	39.24
12 59 13 00-0046	EA	30" x 72" Radiused Edge Rectangular Hanging Work Surface	556.18	49.28
12 59 13 00-0047	EA	30" x 60" Radiused Edge Table	988.01	87.67
12 59 13 00-0048	EA	30" x 72" Radiused Edge Table	1,079.71	95.84
12 59 13 00-0049	EA	14" x 24" Radiused Edge Transaction Surface	118.64	10.57
12 59 13 00-0050	EA	14" x 36" Radiused Edge Transaction Surface	134.96	11.93
12 59 13 00-0051	EA	14" x 48" Radiused Edge Transaction Surface	151.30	13.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0052	EA	14" x 60" Radiused Edge Transaction Surface	188.26	16.74
12 59 13 00-0053	EA	14" x 72" Radiused Edge Transaction Surface	226.09	20.09
12 59 13 00-0054	EA	14" Right Angle Corner Transaction Surface	395.47	35.05
12 59 13 00-0055	EA	Transaction Surface Support	31.33	2.77
12 59 13 00-0056	EA	Plastic Pencil Drawer	34.22	2.72
12 59 13 00-0057	EA	15-1/2" x 24" Hanging Shelf	115.51	10.25
12 59 13 00-0058	EA	15-1/2" x 36" Hanging Shelf	125.74	11.09
12 59 13 00-0059	EA	15-1/2" x 48" Hanging Shelf	134.32	11.93
12 59 13 00-0060	EA	24" Flipper Door - Top And Front Closure Note: Used with hanging shelf.	199.31	17.68
12 59 13 00-0061	EA	36" Flipper Door - Top And Front Closure Note: Used with hanging shelf.	232.70	20.71
12 59 13 00-0062	EA	48" Flipper Door - Top And Front Closure Note: Used with hanging shelf.	266.91	23.64
12 59 13 00-0063	EA	24" Suspended Lateral File, Lockable	687.29	60.63
12 59 13 00-0064	EA	30" Suspended Lateral File, Lockable	725.90	64.04
12 59 13 00-0065	EA	36" Suspended Lateral File, Lockable	765.93	67.56
12 59 13 00-0066	EA	48" Suspended Lateral File, Lockable	837.71	73.90
12 59 13 00-0067	EA	Fully Adjustable Vinyl Keyboard Tray	311.42	27.62
12 59 13 00-0068	EA	Palm Rest For Vinyl Keyboard Tray	48.75	4.39
12 59 13 00-0069	EA	24" x 36" Radiused Edge Corner Work Surface	393.43	34.94
12 59 13 00-0070	EA	File Drawer Organizer	126.63	11.19
12 59 13 00-0071	EA	Suspended Lateral File Converter Bracket	27.37	2.41
12 59 13 00-0072	EA	Utility Task Light	136.87	12.14

12 59 13 00-0073 Disassemble And Store Systems Furniture Components *(12 59 13)*

12 59 13 00-0074	EA	Disassemble And Store 34H 24W Fabric Covered Panel	35.95	
12 59 13 00-0075	EA	Disassemble And Store 34H 30W Fabric Covered Panel	39.96	
12 59 13 00-0076	EA	Disassemble And Store 34H 36W Fabric Covered Panel	42.73	
12 59 13 00-0077	EA	Disassemble And Store 34H 48W Fabric Covered Panel	47.87	
12 59 13 00-0078	EA	Disassemble And Store 42H 24W Fabric Covered Panel	36.52	
12 59 13 00-0079	EA	Disassemble And Store 42H 30W Fabric Covered Panel	41.29	
12 59 13 00-0080	EA	Disassemble And Store 42H 36W Fabric Covered Panel	46.26	
12 59 13 00-0081	EA	Disassemble And Store 42H 48W Fabric Covered Panel	54.36	
12 59 13 00-0082	EA	Disassemble And Store 62H 12W Fabric Covered Panel	35.19	
12 59 13 00-0083	EA	Disassemble And Store 62H 24W Fabric Covered Panel	43.30	
12 59 13 00-0084	EA	Disassemble And Store 62H 36W Fabric Covered Panel	54.17	
12 59 13 00-0085	EA	Disassemble And Store 62H 48W Fabric Covered Panel	64.86	
12 59 13 00-0086	EA	Disassemble And Store 34" Draw Rod Panel Connector Hardware	1.97	
12 59 13 00-0087	EA	Disassemble And Store 42" Draw Rod Panel Connector Hardware	1.97	
12 59 13 00-0088	EA	Disassemble And Store 62" Draw Rod Panel Connector Hardware	2.10	
12 59 13 00-0089	EA	Disassemble And Store 34" Two-Way 90 Degree Panel Connector Hardware	9.04	
12 59 13 00-0090	EA	Disassemble And Store 42" Two-Way 90 Degree Panel Connector Hardware	10.47	
12 59 13 00-0091	EA	Disassemble And Store 62" Two-Way 90 Degree Panel Connector Hardware	12.05	
12 59 13 00-0092	EA	Disassemble And Store 34" Three-Way 90 Degree Panel Connector Hardware	14.00	
12 59 13 00-0093	EA	Disassemble And Store 42" Three-Way 90 Degree Panel Connector Hardware	16.23	
12 59 13 00-0094	EA	Disassemble And Store 62" Three-Way 90 Degree Panel Connector Hardware	18.85	
12 59 13 00-0095	EA	Disassemble And Store 34" Four-Way 90 Degree Panel Connector Hardware	17.67	
12 59 13 00-0096	EA	Disassemble And Store 42" Four-Way 90 Degree Panel Connector Hardware	20.68	
12 59 13 00-0097	EA	Disassemble And Store 62" Four-Way 90 Degree Panel Connector Hardware	24.87	
12 59 13 00-0098	EA	Disassemble And Store 34" Panel End Cap Hardware	3.01	
12 59 13 00-0099	EA	Disassemble And Store 42" Panel End Cap Hardware	3.40	
12 59 13 00-0100	EA	Disassemble And Store 62" Panel End Cap Hardware	3.66	
12 59 13 00-0101	EA	Disassemble And Store Variable Height Panel End Filler	3.32	
12 59 13 00-0102	EA	Disassemble And Store Two-Way Trim Cover For Cable Management Raceway	1.71	
12 59 13 00-0103	EA	Disassemble And Store Three-Way Trim Cover For Cable Management Raceway	1.81	
12 59 13 00-0104	EA	Disassemble And Store Four-Way Trim Cover For Cable Management Raceway	2.09	
12 59 13 00-0105	EA	Disassemble And Store Finished End Trim Cover For Cable Management Raceway	1.71	
12 59 13 00-0106	EA	Disassemble And Store 12" Cable Management Raceway Assembly	3.51	
12 59 13 00-0107	EA	Disassemble And Store 24" Cable Management Raceway Assembly	3.99	
12 59 13 00-0108	EA	Disassemble And Store 30" Cable Management Raceway Assembly	4.08	
12 59 13 00-0109	EA	Disassemble And Store 36" Cable Management Raceway Assembly	4.55	
12 59 13 00-0110	EA	Disassemble And Store 48" Cable Management Raceway Assembly	5.13	
12 59 13 00-0111	EA	Disassemble And Store 24" x 36" Radiused Edge Rectangular Hanging Work Surface	27.56	
12 59 13 00-0112	EA	Disassemble And Store 30" x 36" Radiused Edge Rectangular Hanging Work Surface	33.95	
12 59 13 00-0113	EA	Disassemble And Store 24" x 48" Radiused Edge Rectangular Hanging Work Surface	32.05	
12 59 13 00-0114	EA	Disassemble And Store 30" x 48" Radiused Edge Rectangular Hanging Work Surface	40.06	
12 59 13 00-0115	EA	Disassemble And Store 24" x 60" Radiused Edge Rectangular Hanging Work Surface	40.44	
12 59 13 00-0116	EA	Disassemble And Store 30" x 60" Radiused Edge Rectangular Hanging Work Surface	50.92	
12 59 13 00-0117	EA	Disassemble And Store 24" x 72" Radiused Edge Rectangular Hanging Work Surface	49.12	
12 59 13 00-0118	EA	Disassemble And Store 30" x 72" Radiused Edge Rectangular Hanging Work Surface	61.71	
12 59 13 00-0119	EA	Disassemble And Store 30" x 60" Radiused Edge Table	95.29	
12 59 13 00-0120	EA	Disassemble And Store 30" x 72" Radiused Edge Table	119.75	
12 59 13 00-0121	EA	Disassemble And Store 14" x 24" Radiused Edge Transaction Surface	13.16	
12 59 13 00-0122	EA	Disassemble And Store 14" x 36" Radiused Edge Transaction Surface	14.97	
12 59 13 00-0123	EA	Disassemble And Store 14" x 48" Radiused Edge Transaction Surface	16.79	
12 59 13 00-0124	EA	Disassemble And Store 14" x 60" Radiused Edge Transaction Surface	20.88	
12 59 13 00-0125	EA	Disassemble And Store 14" x 72" Radiused Edge Transaction Surface	25.09	
12 59 13 00-0126	EA	Disassemble And Store 14" Right Angle Corner Transaction Surface	43.87	
12 59 13 00-0127	EA	Disassemble And Store Transaction Surface Support	3.46	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0128	EA	Disassemble And Store Plastic Pencil Drawer	3.42	
12 59 13 00-0129	EA	Disassemble And Store 15-1/2" x 24" Hanging Shelf	12.82	
12 59 13 00-0130	EA	Disassemble And Store 15-1/2" x 36" Hanging Shelf	13.95	
12 59 13 00-0131	EA	Disassemble And Store 15-1/2" x 48" Hanging Shelf	14.90	
12 59 13 00-0132	EA	Disassemble And Store 24" Flipper Door And Shelf	22.11	
12 59 13 00-0133	EA	Disassemble And Store 36" Flipper Door And Shelf	25.82	
12 59 13 00-0134	EA	Disassemble And Store 48" Flipper Door And Shelf	29.61	
12 59 13 00-0135	EA	Disassemble And Store 24" Suspended Lateral File	75.79	
12 59 13 00-0136	EA	Disassemble And Store 30" Suspended Lateral File	80.04	
12 59 13 00-0137	EA	Disassemble And Store 36" Suspended Lateral File	84.45	
12 59 13 00-0138	EA	Disassemble And Store 48" Suspended Lateral File	92.38	
12 59 13 00-0139	EA	Disassemble And Store Fully Adjustable Vinyl Keyboard Tray	34.54	
12 59 13 00-0140	EA	Disassemble And Store 24" x 36" Radiused Edge Corner Work Surface	43.65	
12 59 13 00-0141	EA	Disassemble And Store Utility Task Light	15.19	
12 59 13 00-0142		**Reconfigure Systems Furniture Components** *(12 59 13)*		
12 59 13 00-0143	EA	Reconfigure 34H 24W Fabric Covered Panel	38.34	
12 59 13 00-0144	EA	Reconfigure 34H 30W Fabric Covered Panel	42.61	
12 59 13 00-0145	EA	Reconfigure 34H 36W Fabric Covered Panel	45.56	
12 59 13 00-0146	EA	Reconfigure 34H 48W Fabric Covered Panel	51.04	
12 59 13 00-0147	EA	Reconfigure 42H 24W Fabric Covered Panel	38.94	
12 59 13 00-0148	EA	Reconfigure 42H 30W Fabric Covered Panel	44.02	
12 59 13 00-0149	EA	Reconfigure 42H 36W Fabric Covered Panel	49.32	
12 59 13 00-0150	EA	Reconfigure 42H 48W Fabric Covered Panel	57.95	
12 59 13 00-0151	EA	Reconfigure 62H 12W Fabric Covered Panel	37.52	
12 59 13 00-0152	EA	Reconfigure 62H 24W Fabric Covered Panel	46.16	
12 59 13 00-0153	EA	Reconfigure 62H 36W Fabric Covered Panel	57.75	
12 59 13 00-0154	EA	Reconfigure 62H 48W Fabric Covered Panel	69.14	
12 59 13 00-0155	EA	Reconfigure 34" Draw Rod Panel Connector Hardware	2.10	
12 59 13 00-0156	EA	Reconfigure 42" Draw Rod Panel Connector Hardware	2.10	
12 59 13 00-0157	EA	Reconfigure 62" Draw Rod Panel Connector Hardware	2.24	
12 59 13 00-0158	EA	Reconfigure 34" Two-Way 90 Degree Panel Connector Hardware	9.63	
12 59 13 00-0159	EA	Reconfigure 42" Two-Way 90 Degree Panel Connector Hardware	11.16	
12 59 13 00-0160	EA	Reconfigure 62" Two-Way 90 Degree Panel Connector Hardware	12.84	
12 59 13 00-0161	EA	Reconfigure 34" Three-Way 90 Degree Panel Connector Hardware	14.93	
12 59 13 00-0162	EA	Reconfigure 42" Three-Way 90 Degree Panel Connector Hardware	17.30	
12 59 13 00-0163	EA	Reconfigure 62" Three-Way 90 Degree Panel Connector Hardware	20.10	
12 59 13 00-0164	EA	Reconfigure 34" Four-Way 90 Degree Panel Connector Hardware	18.85	
12 59 13 00-0165	EA	Reconfigure 42" Four-Way 90 Degree Panel Connector Hardware	22.06	
12 59 13 00-0166	EA	Reconfigure 62" Four-Way 90 Degree Panel Connector Hardware	26.52	
12 59 13 00-0167	EA	Reconfigure 34" Panel End Cap Hardware	3.21	
12 59 13 00-0168	EA	Reconfigure 42" Panel End Cap Hardware	3.63	
12 59 13 00-0169	EA	Reconfigure 62" Panel End Cap Hardware	3.91	
12 59 13 00-0170	EA	Reconfigure Variable Height Panel End Filler	3.54	
12 59 13 00-0171	EA	Reconfigure Two-Way Trim Cover For Cable Management Raceway	1.83	
12 59 13 00-0172	EA	Reconfigure Three-Way Trim Cover For Cable Management Raceway	1.93	
12 59 13 00-0173	EA	Reconfigure Four-Way Trim Cover For Cable Management Raceway	2.23	
12 59 13 00-0174	EA	Reconfigure Finished End Trim Cover For Cable Management Raceway	1.83	
12 59 13 00-0175	EA	Reconfigure 12" Cable Management Raceway Assembly	3.74	
12 59 13 00-0176	EA	Reconfigure 24" Cable Management Raceway Assembly	4.25	
12 59 13 00-0177	EA	Reconfigure 30" Cable Management Raceway Assembly	4.35	
12 59 13 00-0178	EA	Reconfigure 36" Cable Management Raceway Assembly	4.85	
12 59 13 00-0179	EA	Reconfigure 48" Cable Management Raceway Assembly	5.47	
12 59 13 00-0180	EA	Reconfigure 24" x 36" Radiused Edge Rectangular Hanging Work Surface	29.39	
12 59 13 00-0181	EA	Reconfigure 30" x 36" Radiused Edge Rectangular Hanging Work Surface	36.20	
12 59 13 00-0182	EA	Reconfigure 24" x 48" Radiused Edge Rectangular Hanging Work Surface	34.16	
12 59 13 00-0183	EA	Reconfigure 30" x 48" Radiused Edge Rectangular Hanging Work Surface	42.71	
12 59 13 00-0184	EA	Reconfigure 24" x 60" Radiused Edge Rectangular Hanging Work Surface	43.11	
12 59 13 00-0185	EA	Reconfigure 30" x 60" Radiused Edge Rectangular Hanging Work Surface	54.30	
12 59 13 00-0186	EA	Reconfigure 24" x 72" Radiused Edge Rectangular Hanging Work Surface	52.37	
12 59 13 00-0187	EA	Reconfigure 30" x 72" Radiused Edge Rectangular Hanging Work Surface	65.79	
12 59 13 00-0188	EA	Reconfigure 30" x 60" Radiused Edge Table	116.87	
12 59 13 00-0189	EA	Reconfigure 30" x 72" Radiused Edge Table	127.71	
12 59 13 00-0190	EA	Reconfigure 14" x 24" Radiused Edge Transaction Surface	14.03	
12 59 13 00-0191	EA	Reconfigure 14" x 36" Radiused Edge Transaction Surface	15.96	
12 59 13 00-0192	EA	Reconfigure 14" x 48" Radiused Edge Transaction Surface	17.89	
12 59 13 00-0193	EA	Reconfigure 14" x 60" Radiused Edge Transaction Surface	22.27	
12 59 13 00-0194	EA	Reconfigure 14" x 72" Radiused Edge Transaction Surface	26.74	
12 59 13 00-0195	EA	Reconfigure 14" Right Angle Corner Transaction Surface	46.77	
12 59 13 00-0196	EA	Reconfigure Transaction Surface Support	3.69	
12 59 13 00-0197	EA	Reconfigure 15-1/2" x 24" Hanging Shelf	13.66	
12 59 13 00-0198	EA	Reconfigure 15-1/2" x 36" Hanging Shelf	14.87	
12 59 13 00-0199	EA	Reconfigure 15-1/2" x 48" Hanging Shelf	15.89	
12 59 13 00-0200	EA	Reconfigure 24" Flipper Door And Shelf	23.57	
12 59 13 00-0201	EA	Reconfigure 36" Flipper Door And Shelf	27.52	
12 59 13 00-0202	EA	Reconfigure 48" Flipper Door And Shelf	31.57	
12 59 13 00-0203	EA	Reconfigure 24" Suspended Lateral File	80.84	
12 59 13 00-0204	EA	Reconfigure 30" Suspended Lateral File	85.38	
12 59 13 00-0205	EA	Reconfigure 36" Suspended Lateral File	90.09	
12 59 13 00-0206	EA	Reconfigure 48" Suspended Lateral File	98.54	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0207	EA	Reconfigure 24" x 36" Radiused Edge Corner Work Surface	46.53	

12 60 Multiple Seating *(12)*

12 61 Fixed Audience Seating *(12 60)*

12 61 13 Upholstered Audience Seating *(12 61)*

12 61 13 00-0001 Upholstered Audience Seating *(12 61 13)*

12 61 13 00-0002	EA	Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating (Irwin Marquee 51.12.00.4) Note: Includes Marquee back with polymer rear panel, upholstered cover over 2" foam, number 12 self-rising seat with ergo substrate, open aisle standards, number 4 steel chair platform, floor mount, and comfort curved polymer arms.	539.72	50.15
		For >100 To 249, Deduct	*-64.60*	
		For >249 To 749, Deduct	*-77.52*	
		For >749, Deduct	*-86.14*	
		For Up To 9, Add	*702.01*	
		For >9 To 24, Add	*279.94*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*25.70*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*29.30*	
12 61 13 00-0003	EA	Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Veneer Insert Aisle Panel (Irwin Marquee 51.12.10.4) Note: Includes Marquee back with polymer rear panel, upholstered cover over 2" foam, number 12 self-rising seat with ergo substrate, number 10 aisle panel with veneer insert panel, number 4 steel chair platform, floor mount, and flat solid hardwood arms.	567.59	50.15
		For >100 To 249, Deduct	*-68.78*	
		For >249 To 749, Deduct	*-82.54*	
		For >749, Deduct	*-91.71*	
		For Up To 9, Add	*701.58*	
		For >9 To 24, Add	*279.72*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*25.70*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*29.30*	
12 61 13 00-0004	EA	Upholstered Seat, Upholstered Back With Veneer Surfaced Rear Panel, Number 4 Chair Platform, Fixed Audience Seating (Irwin Saturn 22.12.00.4) Note: Includes Saturn back with veneer surfaced rear panel and exposed fasteners, upholstered cover over 2" foam, number 12 self-rising seat with ergo substrate, open aisle standards, number 4 steel chair platform, floor mount, and comfort curved polymer arms.	694.02	50.15
		For >100 To 249, Deduct	*-87.75*	
		For >249 To 749, Deduct	*-105.30*	
		For >749, Deduct	*-117.00*	
		For Up To 9, Add	*701.98*	
		For >9 To 24, Add	*280.79*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*25.70*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*29.30*	
12 61 13 00-0005	EA	Upholstered Seat, Upholstered Back With Veneer Surfaced Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Veneer Insert Aisle Panel (Irwin Saturn 22.12.10.4) Note: Includes Saturn back with veneer surfaced rear panel and exposed fasteners, upholstered cover over 2" foam, number 12 self-rising seat with ergo substrate, number 10 aisle panel with veneer insert panel, number 4 steel chair platform, floor mount, and comfort curved polymer arms	722.26	50.15
		For >100 To 249, Deduct	*-91.98*	
		For >249 To 749, Deduct	*-110.38*	
		For >749, Deduct	*-122.64*	
		For Up To 9, Add	*699.07*	
		For >9 To 24, Add	*282.08*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*25.70*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*29.30*	
12 61 13 00-0006	EA	Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating (Irwin Citation 90.12.00.4) Note: Includes Citation back with polymer rear panel, upholstered cover over 2" foam, number 12 self-rising seat with ergo substrate, open aisle standards, number 4 steel chair platform, floor mount, and comfort curved polymer arms.	473.48	50.15
		For >100 To 249, Deduct	*-54.67*	
		For >249 To 749, Deduct	*-65.60*	
		For >749, Deduct	*-72.89*	
		For Up To 9, Add	*703.37*	
		For >9 To 24, Add	*280.62*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*25.70*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*29.30*	
12 61 13 00-0007	EA	Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Laminate Insert Aisle Panel (Irwin Citation 90.12.10.4) Note: Includes Citation back with polymer rear panel, upholstered cover over 2" foam, number 12 self-rising seat with ergo substrate, number 10 aisle panel with laminate insert panel, number 4 steel chair platform, floor mount, and comfort curved polymer arms.	479.05	50.15
		For >100 To 249, Deduct	*-55.50*	
		For >249 To 749, Deduct	*-66.60*	
		For >749, Deduct	*-74.00*	
		For Up To 9, Add	*703.02*	
		For >9 To 24, Add	*281.21*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*25.70*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*29.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 61 13 00-0008	EA	Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Laminate Surfaced Aisle Panel (Irwin Citation 90.12.86.4)	502.98	50.15
		Note: Includes Citation back with polymer rear panel, upholstered cover over 2" foam, number 12 self-rising seat with ergo substrate, number 86 laminate surfaced aisle panel, number 4 steel chair platform, floor mount, and flat solid hardwood arms.		
		For >100 To 249, Deduct	*-59.09*	
		For >249 To 749, Deduct	*-70.91*	
		For >749, Deduct	*-78.79*	
		For Up To 9, Add	*701.21*	
		For >9 To 24, Add	*279.70*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*25.70*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*29.30*	

12 61 16 Molded-Plastic Audience Seating *(12 61)*

12 61 16 00-0001 Molded-Plastic Audience Seating *(12 61 16)*

12 61 16 00-0002	EA	Molded Polymer Seat, Molded Polymer Back, Number 30 Chair Platform, Fixed Audience Seating (Irwin Patriot 30.52.00.30)	361.57	50.15
		Note: Includes Patriot back, double wall polymer, number 52 self-rising seat torsion spring seat lift, open aisle standards, number 30 steel chair platform, floor mount, and polymer arms.		
		For >100 To 249, Deduct	*-37.88*	
		For >249 To 749, Deduct	*-45.46*	
		For >749, Deduct	*-50.51*	
		For Up To 9, Add	*691.93*	
		For >9 To 24, Add	*277.78*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*25.70*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*29.30*	
12 61 16 00-0003	EA	Molded Polymer Seat, Molded Polymer Back, Number 30 Chair Platform, Fixed Audience Seating With Laminate Surfaced Aisle Panel (Irwin Patriot 30.52.36.30)	403.65	50.15
		Note: Includes Patriot back, double wall polymer, number 52 self-rising seat torsion spring seat lift, number 36 laminate surfaced aisle panel, number 30 steel chair platform, floor mount, and flat laminate surfaced arms.		
		For >100 To 249, Deduct	*-44.19*	
		For >249 To 749, Deduct	*-53.03*	
		For >749, Deduct	*-58.92*	
		For Up To 9, Add	*692.33*	
		For >9 To 24, Add	*276.93*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*25.70*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*29.30*	

12 61 19 Plywood/Hardwood Audience Seating *(12 61)*

12 61 19 00-0001 Plywood/Hardwood Audience Seating *(12 61 19)*

12 61 19 00-0002	EA	Veneered Hardwood Seat, Veneered Hardwood Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating (Irwin Crusader 1.14.00.4)	565.93	50.15
		Note: Includes Crusader back, veneer surfaced, number 14 self-rising seat, open aisle standards, number 4 steel chair platform, floor mount, and flat solid hardwood arms.		
		For >100 To 249, Deduct	*-68.53*	
		For >249 To 749, Deduct	*-82.24*	
		For >749, Deduct	*-91.38*	
		For Up To 9, Add	*726.46*	
		For >9 To 24, Add	*292.41*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*25.70*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*29.30*	
12 61 19 00-0003	EA	Veneered Hardwood Seat, Veneered Hardwood Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Veneer Surfaced Aisle Panel (Irwin Crusader 1.14.86.4)	588.54	50.15
		Note: Includes Crusader back, veneer surfaced, number 14 self-rising seat, number 86 veneer surfaced aisle panel, number 4 steel chair platform, floor mount, and flat solid hardwood arms.		
		For >100 To 249, Deduct	*-71.93*	
		For >249 To 749, Deduct	*-86.31*	
		For >749, Deduct	*-95.90*	
		For Up To 9, Add	*695.28*	
		For >9 To 24, Add	*278.11*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*25.70*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*29.30*	

12 61 21 Fixed Audience Seating Accessories *(12 61)*

12 61 21 00-0001 Fixed Audience Seating Accessories *(12 61 21)*

12 61 21 00-0002	EA	100 Square Inch, Self Storing Writing Tablet For Number 4 Chair Platform, Fixed Audience Seating (Irwin)	181.53	
		For >100 To 249, Deduct	*-25.59*	
		For >249 To 749, Deduct	*-30.71*	
		For >749, Deduct	*-34.13*	
12 61 21 00-0003	EA	120 Square Inch, Self Storing Writing Tablet For Number 4 Chair Platform, Fixed Audience Seating (Irwin)	184.81	
		For >100 To 249, Deduct	*-26.09*	
		For >249 To 749, Deduct	*-31.30*	
		For >749, Deduct	*-34.78*	
12 61 21 00-0004	EA	151 Square Inch, Self Storing Writing Tablet For Number 4 Chair Platform, Fixed Audience Seating (Irwin)	193.37	
		For >100 To 249, Deduct	*-27.37*	
		For >249 To 749, Deduct	*-32.84*	
		For >749, Deduct	*-36.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 61 21 00-0005	EA	98 Square Inch, Tru-Fold Writing Tablet For Number 30 Chair Platform, Fixed Audience Seating (Irwin)	181.53	
		For >100 To 249, Deduct	*-25.59*	
		For >249 To 749, Deduct	*-30.71*	
		For >749, Deduct	*-34.13*	
12 61 21 00-0006	EA	105 Square Inch, Tru-Fold Writing Tablet For Number 30 Chair Platform, Fixed Audience Seating (Irwin)	194.09	
		For >100 To 249, Deduct	*-27.48*	
		For >249 To 749, Deduct	*-32.97*	
		For >749, Deduct	*-36.64*	
12 61 21 00-0007	EA	Rubber Foot Shrouds For Number 4 Chair Platform (Per Chair), Fixed Audience Seating (Irwin)	14.70	

12 62 Portable-Audience Seating *(12 60)*

12 62 23 Portable Bleachers *(12 62)*

12 62 23 00-0001 Metal Bleachers, Outdoor, Portable *(12 62 23)*
Note: Average seating is 18".

12 62 23 00-0002 Non-Elevated Portable Aluminum Bleacher *(12 62 23 00-0001)*

12 62 23 00-0003	SEA	2 To 5 Rows, Non-Elevated Portable Aluminum Bleacher Price Per Seat	186.92	5.02
		For Each "Tip and Roll" Set (Includes Two Fixed Wheels), Add To Total Structure	*165.00*	
		For Each "Flip and Roll" Set (Includes Four Wheels), Add To Total Structure	*335.00*	

12 62 23 00-0004 Non-Elevated Portable Aluminum Bleacher *(12 62 23 00-0001)*
Note: Includes side and back fence.

12 62 23 00-0005	SEA	5 Rows, Non-Elevated Portable Aluminum Bleacher Note: Including side and back fence.	247.01	5.02
		For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	*35.00*	
12 62 23 00-0006	SEA	6 To 10 Rows, Non-Elevated Portable Aluminum Bleacher Note: Including side and back fence.	281.97	5.27
		For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	*35.00*	
12 62 23 00-0007	SEA	11 To 15 Rows, Non-Elevated Portable Aluminum Bleacher Note: Including side and back fence.	294.34	5.53
		For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	*35.00*	

12 62 23 00-0008 Non-Elevated Portable Aluminum Bleacher *(12 62 23 00-0001)*
Note: Includes side and back fence and center aisle with rails.

12 62 23 00-0009	SEA	5 Rows, Non-Elevated Portable Aluminum Bleacher Note: Including side and back fence and center aisle with handrails.	389.05	5.65
		For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	*35.00*	
12 62 23 00-0010	SEA	6 To 10 Rows, Non-Elevated Portable Aluminum Bleacher Note: Including side and back fence and center aisle with handrails.	445.24	5.93
		For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	*35.00*	
12 62 23 00-0011	SEA	11 To 15 Rows, Non-Elevated Portable Aluminum Bleacher Note: Including side and back fence and center aisle with handrails.	483.10	6.27
		For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	*35.00*	

END OF SECTION 12

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 Special Construction				
13 30 Special Structures *(13)*				
13 34 Fabricated Engineered Structures *(13 30)*				
13 34 16 Grandstands and Bleachers *(13 34)*				
13 34 16 13 Grandstands *(13 34 16)*				
13 34 16 13-0001		Permanent Grandstands, Wood Seat, Steel Frame *(13 34 16 13)*		
13 34 16 13-0002		3 To 15 Tiers *(13 34 16 13-0001)*		
13 34 16 13-0003	SEA	3-15 Tier Permanent Grandstand Price Per Seat	101.37	10.04
13 34 16 13-0004		16 To 30 Tiers *(13 34 16 13-0001)*		
13 34 16 13-0005	SEA	16-30 Tier Permanent Grandstand Price Per Seat	156.83	11.29
13 34 23 Fabricated Structures *(13 34)*				
13 34 23 13 Portable and Mobile Buildings *(13 34 23)*				
13 34 23 13-0001		Prefabricated Signal, Communication Or Electrical Building *(13 34 23 13)*		
		Note: Complete, includes door, roof, lights and wiring, insulation, painted.		
13 34 23 13-0002	SF	15 SF To 29 SF Prefabricated Signal, Communication Or Electrical Building	482.10	
13 34 23 13-0003	SF	30 SF To 49 SF Prefabricated Signal, Communication Or Electrical Building	413.61	
13 34 23 13-0004	SF	50 SF To 79 SF Prefabricated Signal, Communication Or Electrical Building	331.10	
13 34 23 13-0005	SF	80 SF To 99 SF Prefabricated Signal, Communication Or Electrical Building	261.95	
13 34 23 13-0006	SF	100 SF To 144 SF Prefabricated Signal, Communication Or Electrical Building	234.05	
13 34 23 13-0007		Temporary Trailers 1 To 6 Years Life *(13 34 23 13)*		
		Note: Includes cost to set-up, underpin, tie-downs, HVAC unit, lights, outlets, phone jacks, two wooden landings, stairs, and handrails. Trailers shall have a 12' x 12' office area and 6' x 8' bathroom with sink, mirror, and water closet. Minimum of two pedestrian doors and a tinted/insulated 3' x 4' single hung window per 20 SF of wall area. Excludes connection of utilities.		
13 34 23 13-0008	SF	Single Trailer Up To 14' x 73'	71.60	
		For Each Delivery And Set-up (Block And Level), Add	*1,513.41*	
		For Each Knock-Down And Pick-Up, Add	*1,276.44*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*110.00*	
13 34 23 13-0009	SF	Modular Trailers, Connected	100.24	
		For Each Anchoring Into Asphalt Or Concrete, Add	*110.00*	
		For Each Delivery And Set-up (Block And Level), Add	*3,356.42*	
		For Each Knock-Down And Pick-Up, Add	*2,803.25*	
13 34 23 13-0010	EA	Add Per Additional Exterior Door With Frame And Hardware	1,073.98	
13 34 23 13-0011		Portable and Mobile Trailer Accessories *(13 34 23 13)*		
13 34 23 13-0012		Skirting *(13 34 23 13-0011)*		
		Note: Includes 2" x 4" wood framing 16" on center.		
13 34 23 13-0013		Vinyl Covered, Exterior Only *(13 34 23 13-0012)*		
13 34 23 13-0014	SF	1'-8" High Vinyl Covered Skirt	5.44	1.97
13 34 23 13-0015	SF	3' High Vinyl Covered Skirt	7.91	3.24
13 34 23 13-0016		Fiberglass, Exterior Only *(13 34 23 13-0012)*		
13 34 23 13-0017	SF	1'-8" High Fiberglass Skirt	10.03	3.71
13 34 23 13-0018	SF	3' High Fiberglass Skirt	11.61	4.52
13 34 23 13-0019		Plywood, Exterior Only *(13 34 23 13-0012)*		
13 34 23 13-0020	SF	1'-8" High 5/8" Plywood Skirt	9.28	3.94
13 34 23 13-0021	SF	3' High 5/8" Plywood Skirt	10.97	4.75
13 34 23 13-0022		Steel, Painted, Exterior Only *(13 34 23 13-0012)*		
13 34 23 13-0023	SF	1'-8" High 26 Gauge Steel Skirt	10.73	3.71
13 34 23 13-0024	SF	3' High 26 Gauge Steel Skirt	12.42	4.52
13 34 23 13-0025		14" x 14" Access Hatch *(13 34 23 13-0011)*		
		Note: Simple design.		
13 34 23 13-0026	EA	14" x 14" Vinyl Covered Access Hatch	271.00	87.04
13 34 23 13-0027	EA	14" x 14" Fiberglass Access Hatch	236.15	87.04
13 34 23 13-0028	EA	14" x 14" Plywood Access Hatch	268.96	87.04
13 34 23 13-0029	EA	14" x 14" 26 Gauge Steel Access Hatch	270.63	87.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 23 13-0030		**Aluminum Modular Access Ramp** *(13 34 23 13-0011)* Note: Includes picketed guardrails, inside grab rails, legs and hardware.		
13 34 23 13-0031	EA	72" Long x 52-1/4" Wide Ramp Section, Aluminum Modular Access Ramp	3,891.37	28.98
13 34 23 13-0032	EA	60-1/4" Long x 61-3/4" Wide Door Landing Section, Aluminum Modular Access Ramp	3,926.14	37.67
13 34 23 13-0033	EA	60-1/4" Long x 123-1/2" Wide Switchback Landing Section, Aluminum Modular Access Ramp	8,093.92	57.95
13 34 23 13-0034	EA	110-3/4" Long x 72" Wide Switchback Landing Section, Aluminum Modular Access Ramp	8,724.15	57.95
13 34 23 13-0035	EA	60-1/4" Long x 61-3/4" Wide Intermediate Landing Section, Aluminum Modular Access Ramp	4,083.70	37.67
13 34 23 13-0036	EA	71-3/4" Long x 52-1/4" Wide Intermediate Landing Section, Aluminum Modular Access Ramp	4,048.93	28.98
13 34 23 13-0037	EA	84-1/2" Long x 61-3/4" Wide Intermediate Landing Section, Aluminum Modular Access Ramp	5,655.34	37.67
13 34 23 13-0038	EA	30" High x 82" Long x 52-3/8" Wide Step Section, Aluminum Modular Access Ramp	4,006.89	37.67
13 34 23 13-0039	EA	35" High x 96" Long x 52-3/8" Wide Step Section, Aluminum Modular Access Ramp	4,006.89	37.67
13 34 23 13-0040	EA	42" High x 110" Long x 52-3/8" Wide Step Section, Aluminum Modular Access Ramp	4,564.25	37.67
13 34 23 13-0041	EA	49" High x 124" Long x 52-3/8" Wide Step Section, Aluminum Modular Access Ramp	5,117.67	37.67
13 34 23 13-0042		**Relocate Portable And Mobile Trailer** *(13 34 23 13)* Note: Excludes anchors, skirting, steps, ramps, utility hook-ups and foundation. See CSI section 01 22 16 00-0002 for reimbursable permit fees, 01 22 20 00-0081 for escort vehicle, 13 34 23 13-0012 for skirting.		
13 34 23 13-0043	EA	Prepare, Up To 12' Wide, Single Trailer For Transportation Note: Includes securing interior, mounting tires, and mounting trailer hitch	1,054.13	
13 34 23 13-0044	EA	Separate, 24' Wide Double Trailer And Prepare For Transportation Note: Includes separating trailers, securing interior, installing plastic and boards to open side of each (2) trailers, mounting tires, and mounting trailer hitch.	5,123.43	
13 34 23 13-0045	EA	Remove Blocking From 8' Wide x Up To 35' Long Trailer Note: Per trailer	463.81	
13 34 23 13-0046	EA	Remove Blocking From 10' Wide x 40' To 50' Long Trailer Note: Per trailer	590.32	
13 34 23 13-0047	EA	Remove Blocking From 12' Wide x 45' To 60' Long Trailer Note: Per trailer	716.81	
13 34 23 13-0048	EA	Remove Blocking From 24' Wide x 45' To 60' Long Trailer Note: Per trailer	1,433.62	
13 34 23 13-0049	MI	Transportation And Delivery Of Trailer See CSI section 01 22 20 00-0082 for escort vehicle service (when required).	21.22	
13 34 23 13-0050	EA	Re-connect 24' Wide Double Trailer Note: Includes removal of temporary plastic and boards, caulking, installation of flooring, ceiling and roofing seams. Excludes blocking and leveling. See CSI section 13 34 23 13-0053 for blocking and leveling of each section.	9,834.48	
13 34 23 13-0051	EA	Set-up (Block And Level) Trailer, 8' Wide x Up To 35' Long Note: Per trailer	579.77	
13 34 23 13-0052	EA	Set-up (Block And Level) Trailer, 10' Wide x 40' To 50' Long Note: Per trailer	737.89	
13 34 23 13-0053	EA	Set-up (Block And Level) Trailer, 12' Wide x 45' To 60' Long Note: Per trailer	896.01	
13 34 23 13-0054	EA	Set-up (Block And Level) Trailer, 24' Wide x 45' To 60' Long Note: Per trailer	1,792.02	
13 34 23 13-0055	EA	Connection Straps To Anchor Note: Includes straps per each anchor	26.36	
13 34 23 14		**Fabricated Classroom Buildings** *(13 34 23)*		
13 34 23 14-0001		**Semi-Permanent Modular Transportable Buildings** *(13 34 23 14)*		
13 34 23 14-0002	SF	Portable Classrooms, Complete With Doors, Windows, Fixtures, Toilets And Workroom	106.68	
		For Each Anchoring Into Asphalt Or Concrete, Add	*110.00*	
		For Each Delivery And Set-up (Block And Level), Add	*3,356.42*	
		For Each Knock-Down And Pick-Up, Add	*2,803.25*	
13 34 23 14-0003	SF	Modular Classroom, Connected, Complete With Doors, Windows, Fixtures, Toilets And Teachers Work Room	109.84	
		For Each Anchoring Into Asphalt Or Concrete, Add	*110.00*	
		For Each Delivery And Set-up (Block And Level), Add	*3,356.42*	
		For Each Knock-Down And Pick-Up, Add	*2,803.25*	
13 34 23 16		**Fabricated Control Booths** *(13 34 23)*		
13 34 23 16-0001		**Fabricated Parking Attendant Booths** *(13 34 23 16)* Note: Excludes foundations and slab.		
13 34 23 16-0002	EA	Parking Booth For Attendant	2,050.18	
13 34 23 29		**Fabricated Kiosks** *(13 34 23)*		
13 34 23 29-0001		**Customer's Assistant Kiosk** *(13 34 23 29)* Note: Based on SF of kiosks. Complete kiosk modular enclosure, in-place, structurally independent and self contained. Stainless steel.		
13 34 23 29-0002	CF	Round Kiosk With 1/4" Fiberglass Wall, (Based On 5' Diameter x 8' High)	74.57	
13 34 23 29-0003	CF	Round Kiosk, With 1" Insulated Fiberglass Double Wall, (Based On 5' Diameter x 8' High)	83.82	
13 34 23 29-0004	CF	Rectangular Kiosk, With 1/4" Fiberglass Wall, (Based On 5' x 9' x 7'-6" High)	50.34	
13 34 23 29-0005	CF	Rectangular Kiosk, With 1" Insulated Fiberglass Double Wall Note: Based on 5'x9'x7'-6" high.	60.50	
13 34 23 29-0006	CF	Octagonal Kiosk, With 1/4" Fiberglass Wall, Note: Based on 9' wide x 8' high.	57.83	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 23 29-0007	CF	Octagonal Kiosk, With 1" Insulated Fiberglass Double Wall Note: Based on 9' wide x 8' high.	68.95	

13 40 Integrated Construction *(13)*

13 48 Sound, Vibration, and Seismic Control *(13 40)*

13 48 53 Manufactured Seismic Control Components *(13 48)*

13 48 53 00-0001 Seismic Bracing Assembly *(13 48 53)*

13 48 53 00-0002	EA	4-Bolt Deck Anchor Connection For Seismic Brace Note: Includes drilling into concrete, bolts, anchor plate, seismic bracket attached with bolt, nut and washer.	167.79	
13 48 53 00-0003	EA	2 Cable Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors.	165.09	
13 48 53 00-0004	EA	3 Cable Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors.	248.08	
13 48 53 00-0005	EA	4 Cable Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors.	322.37	
13 48 53 00-0006	EA	2 Channel Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors.	339.91	
13 48 53 00-0007	EA	3 Channel Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors.	505.95	
13 48 53 00-0008	EA	4 Channel Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors.	671.99	
13 48 53 00-0009	EA	2 Rod Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors.	193.43	
13 48 53 00-0010	EA	3 Rod Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors.	286.25	
13 48 53 00-0011	EA	4 Rod Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors.	379.05	

13 48 53 00-0012 Seismic Brace Components *(13 48 53)*

13 48 53 00-0013	EA	1/8" Cable Diameter Seismic Cable Brace Swivel Anchor (Mason SCB-1) Note: To be used with 7x19 stranded cable.	35.42	
13 48 53 00-0014	EA	3/16" Cable Diameter Seismic Cable Brace Swivel Anchor (Mason SCB-2) Note: To be used with 7x19 stranded cable.	49.38	
13 48 53 00-0015	EA	1/4" Cable Diameter Seismic Cable Brace Swivel Anchor (Mason SCB-3) Note: To be used with 7x19 stranded cable.	66.15	
13 48 53 00-0016	EA	3/8" Cable Diameter Seismic Cable Brace Swivel Anchor (Mason SCB-4) Note: To be used with 7x19 stranded cable.	91.26	
13 48 53 00-0017	EA	Seismic Solid Brace Swivel Anchor (Mason SSB-1) Note: To be used with angle or channel.	33.14	
13 48 53 00-0018	EA	Seismic Solid Brace Swivel Anchor (Mason SSB-2) Note: To be used with angle or channel.	45.43	
13 48 53 00-0019	EA	Seismic Solid Brace Swivel Anchor (Mason SSB-3) Note: To be used with angle or channel.	60.36	
13 48 53 00-0020	EA	Seismic Solid Brace Swivel Anchor (Mason SSB-4) Note: To be used with angle or channel.	82.30	
13 48 53 00-0021	EA	1/8" Cable Diameter Seismic Cable Brace Hook Anchor (Mason SCBH-1) Note: To be used with 7x19 stranded cable.	40.60	
13 48 53 00-0022	EA	3/16" Cable Diameter Seismic Cable Brace Hook Anchor (Mason SCBH-2) Note: To be used with 7x19 stranded cable.	54.21	
13 48 53 00-0023	EA	1/4" Cable Diameter Seismic Cable Brace Hook Anchor (Mason SCBH-3) Note: To be used with 7x19 stranded cable.	76.16	
13 48 53 00-0024	EA	1/8" Cable Diameter Seismic Cable Brace Vise Anchor (Mason SCBV-1) Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.	72.65	
13 48 53 00-0025	EA	3/16" Cable Diameter Seismic Cable Brace Vise Anchor (Mason SCBV-2) Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.	102.94	
13 48 53 00-0026	EA	1/4" Cable Diameter Seismic Cable Brace Vise Anchor (Mason SCBV-3) Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.	141.13	
13 48 53 00-0027	EA	Seismic Rod Clamp (Mason SRC-1) Note: To be used on 3/8" through 5/8" rod. 1" x 1" x 1/4" Angle or Stiffener not included.	30.42	
13 48 53 00-0028	EA	Seismic Rod Clamp (Mason SRC-1 1/2) Note: To be used on 3/8" through 1" rod. 1-1/2" x 1-1/2" x 1/4" Angle or Stiffener not included.	37.44	
13 48 53 00-0029	EA	Seismic Rod Clamp (Mason SRC-2) Note: To be used on 3/8" through 1-1/4" rod. 2" x 2" x 1/4" Angle or Stiffener not included.	47.10	

13 48 63 Fabricated Seismic Control Assemblies *(13 48)*

13 48 63 00-0001 Seismic Restraints *(13 48 63)*

13 48 63 00-0002	EA	1" x 1" Seismic Fastener, Gray, Drilled With 0.187 Diameter Hole Note: Adhesive applied.	5.53	1.15
13 48 63 00-0003	EA	1" x 1" Seismic Fastener, Gray, Adhesive Applied	4.38	0.57
13 48 63 00-0004	EA	1" x 2" Seismic Fastener, Gray, Drilled With (2) 0.187 Diameter Hole Note: Adhesive applied.	7.25	1.44
13 48 63 00-0005	EA	1" x 2" Seismic Fastener, Gray, Adhesive Applied	5.59	0.71
13 48 63 00-0006	EA	2" x 2" Seismic Fastener, Gray, Adhesive Applied	7.08	0.84
13 48 63 00-0007	EA	2" x 3" Seismic Fastener, Gray, Adhesive Applied	12.04	1.02
13 48 63 00-0008	LF	3/4" Wide Seismic Strap, Gray	4.99	0.87
13 48 63 00-0009	LF	1" Wide Seismic Strap, Gray	7.45	0.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 48 63 00-0010	EA	3/4" Wide x 4" Long Seismic Strap, Gray	2.36	0.57
13 48 63 00-0011	EA	3/4" Wide x 12" Long Seismic Strap, Gray	10.91	1.72
13 48 63 00-0012	LF	Seismic Chord, Black	2.90	0.87
13 48 63 00-0013	LF	SAFELOK Seismic Fastener, Black	3.92	0.87

END OF SECTION 13

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

14 Conveying Equipment

14 01 Operation and Maintenance of Conveying Equipment *(14)*

14 01 20 Operation and Maintenance of Elevators *(14 01)*

14 01 20 71 Elevator Rehabilitation *(14 01 20)*

14 01 20 71-0001 Elevator Maintenance *(14 01 20 71)*

14 01 20 71-0002	EA	Regular Routine Elevator Inspection, Traction Up to 10 floors (Sufficient for Issue of Certificate/Permit)	578.84	
14 01 20 71-0003	EA	Regular Routine Elevator Inspection, Traction Over 10 floors (Sufficient for Issue of Certificate/Permit)	771.78	
14 01 20 71-0004	EA	Regular Routine Elevator Inspection, Hydraulic (Sufficient for Issue of Certificate/Permit)	482.36	
14 01 20 71-0005	EA	Regular Routine Elevator Inspection, Roped Hydraulic (Sufficient for Issue of Certificate/Permit)	482.36	
14 01 20 71-0006	EA	Regular Routine Elevator Inspection, Dumbwaiter/Cart Lifts (Sufficient for Issue of Certificate/Permit)	289.42	
14 01 20 71-0007	HR	Elevator Servicing - Hydraulic, Labor Only	190.03	
14 01 20 71-0008	HR	Elevator Servicing - Traction, Labor Only	237.54	
14 01 20 71-0009	EA	Annual Category 1 Test for Traction Up to 10 floors	1,379.89	
14 01 20 71-0010	EA	Annual Category 1 Test for Traction Over 10 floors	1,724.86	
14 01 20 71-0011	EA	Annual Category 1 Test for Hydraulic Elevator	689.94	
14 01 20 71-0012	EA	Annual Category 1 Test for Roped Hydraulic Elevator	1,552.38	
14 01 20 71-0013	EA	Annual Category 1 Test for Dumbwaiter/Cart Lifts	1,034.92	
14 01 20 71-0014	EA	Full Load Test for Traction Up to 10 floors	2,414.81	
14 01 20 71-0015	EA	Full Load Test for Traction Over 10 floors	2,759.78	
14 01 20 71-0016	EA	Full Load Test for Hydraulic Elevator	2,069.83	
14 01 20 71-0017	EA	Full Load Test for Roped Hydraulic Elevator	2,587.29	
14 01 20 71-0018	EA	Full Load Test for Dumbwaiter/Cart Lifts	1,379.89	
14 01 20 71-0019	EA	Acceptance Test for Traction Up to 10 floors	2,173.42	
14 01 20 71-0020	EA	Acceptance Test for Traction Over 10 floors	2,445.10	
14 01 20 71-0021	EA	Acceptance Test for Hydraulic Elevator	2,173.42	
14 01 20 71-0022	EA	Acceptance Test for Roped Hydraulic Elevator	2,173.42	
14 01 20 71-0023	EA	Acceptance Test for Dumbwaiter/Cart Lifts	2,173.42	

14 01 20 71-0024 Elevator Modernization *(14 01 20 71)*

14 01 20 71-0025	EA	5" Piston Replacement (Hydraulic) Unit Up To 3 Stories (2,000 Lb. x 50 FPM) Note: Includes replacing existing piston/cylinder, 10 3/4" Sealed PVC, pit channel and buffers.	45,482.71	9,906.50
		For Union-Guard Cathodic Protection, Add *Note: Includes Pump.*	*10,248.76*	
		For An Additional Stop, Add *Note: Includes Removal.*	*10,381.60*	
14 01 20 71-0026	EA	6" Piston Replacement (Hydraulic) Unit Up To 3 Stories (2,000 Lb. x 50 FPM) Note: Includes replacing existing piston/cylinder, 10 3/4" Sealed PVC, pit channel and buffers.	49,069.74	11,970.36
		For Union-Guard Cathodic Protection, Add *Note: Includes Pump.*	*10,348.06*	
		For An Additional Stop, Add *Note: Includes Removal.*	*11,021.86*	
14 01 20 71-0027	EA	8" Piston Replacement (Hydraulic) Unit Up To 3 Stories (2,000 Lb. x 50 FPM) Note: Includes replacing existing piston/cylinder, 12 3/4" Sealed PVC, pit channel and buffers.	58,118.31	13,621.45
		For Union-Guard Cathodic Protection, Add *Note: Includes Pump.*	*11,936.78*	
		For An Additional Stop, Add *Note: Includes Removal.*	*14,136.24*	
14 01 20 71-0028	EA	Removal And Replacement Of Hydraulic Control (Maxton) Valve	6,105.67	
14 01 20 71-0029	EA	5 Gallon Container Of Hydraulic Oil For Elevator Modernization	81.11	
14 01 20 71-0030	EA	55 Gallon Container Of Hydraulic Oil For Elevator Modernization	893.96	
14 01 20 71-0031	SET	Car Roller Guide Assembly, Set Of Four Note: Includes cover plate.	4,735.39	825.54
14 01 20 71-0032	SET	CWT Roller Guide Assembly, Set Of Four Note: Includes cover plate.	4,027.62	825.54
14 01 20 71-0033	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Single Slide Door With Baked Enamel Finish Note: Excludes build back.	8,844.43	
14 01 20 71-0034	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Single Slide Door With Satin Stainless Finish Note: Excludes build back.	9,638.79	
14 01 20 71-0035	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Center Opening With Baked Enamel Finish Note: Excludes build back.	9,354.80	
14 01 20 71-0036	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Center Opening With Satin Stainless Finish Note: Excludes build back.	10,149.16	
14 01 20 71-0037	SF	Epoxy Aggregate, Elevator Cab Flooring Note: SF cost not applicable for partial cab flooring.	100.56	23.59
14 01 20 71-0038	SF	Aluminum Diamond Plate, Elevator Cab Flooring Note: SF cost not applicable for partial cab flooring.	86.46	23.59
14 01 20 71-0039	SF	1/8" Thick, Vinyl Composition Tile (VCT), Elevator Cab Flooring	15.18	3.10
14 01 20 71-0040	EA	Solid State Starting (Soft Start)	6,822.22	619.16
14 01 20 71-0041	EA	Pump Unit (Tank, Valve, Oil, Motor And Victaulic Fittings)	22,156.72	3,456.96
14 01 20 71-0042	EA	Hoistway Door Hanger Set (Rollers, Eccentrics And Track), Single Speed Side Slide (GAL Manufacturing)	3,035.86	825.54
14 01 20 71-0043	EA	Hoistway Door Closer Set (Spring Closer), Single Speed Side Slide (GAL Manufacturing)	512.10	206.39
14 01 20 71-0044	EA	Hoistway Door Closer Set (Spirator Closer), Single Speed Side Slide (GAL)	502.14	412.77
14 01 20 71-0045	EA	Hoistway Door Interlock Set, Single Speed Side Slide (GAL Manufacturing)	688.42	361.17
14 01 20 71-0046	EA	Hoistway Door Hanger Set (Rollers, Eccentrics And Track), Single Speed Center Opening (GAL Manufacturing)	3,305.59	825.54
14 01 20 71-0047	EA	Hoistway Door Closer Set (Spring Closer), Single Speed Center Opening (GAL Manufacturing)	683.68	381.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 01 20 71-0048	EA	Hoistway Door Closer Set (Spirator Closer), Single Speed Center Opening (GAL)	502.14	412.77
14 01 20 71-0049	EA	Hoistway Door Interlock Set, Single Speed Center Opening (GAL Manufacturing)	754.34	412.77
14 01 20 71-0050	EA	Fire Service Key Switch Controller	4,283.80	825.54
14 01 20 71-0051	EA	ADA Telephone (Rath Microtech)	1,182.16	412.77
14 01 20 71-0052	EA	Car Door Operator With ADA Buzzer, Single Speed Side Slide (GAL Manufacturing)	8,718.53	1,651.09
14 01 20 71-0053	EA	Car Door Operator With ADA Buzzer, Single Speed Center Opening (GAL Manufacturing)	9,421.54	1,651.09
14 01 20 71-0054	EA	Car Door Safety Edge (Infrared Proximity Type Edge)	2,949.57	412.77
14 01 20 71-0055	EA	Car Operating Panel (ADA, Fire, Position, Chime)	9,719.42	1,651.09
14 01 20 71-0056	EA	Car Position LED Indicator And Cover Plate, Stainless Steel	2,166.02	412.77
14 01 20 71-0057	EA	Car Traveling Lanterns With Audible Signal	1,893.66	412.77
14 01 20 71-0058	EA	Hoistway Door Jamb Floor Tags (Braille)	277.88	206.39
14 01 20 71-0059	EA	Lobby Vandal Resistant Call Station	1,784.43	412.77
14 01 20 71-0060	LF	Traveling Cable (4 - #14 AWG, 69 - #18 AWG, 1 Shielded Pair, 2 Co-Axial) Note: Excludes Removal and Replacement of Material. See CSI section 14 01 20 71-0061 for Removal and Replacement of Traveling Cable.	22.96	
14 01 20 71-0061	EA	Removal And Replacement Of Traveling Cable (4 - #14 AWG, 69 - #18 AWG, 1 Shielded Pair, 2 Co-Axial) Note: Excludes Traveling Cable material. See CSI section 14 01 20 71-0060 for Traveling Cable material.	6,604.33	3,302.17
14 01 20 71-0062	LF	Governor Cable Note: Removal and Replacement of Governor Cable is part of Traveling Cable Removal and Replacement.	1.79	
14 01 20 71-0063	EA	Elevator Cab Wall Coverings (3,500 Lb. Capacity: 6'-8" x 5'-5" Cab), Plastic Laminate - Hang On Panels	7,258.38	825.54
14 01 20 71-0064	EA	Elevator Cab Wall Coverings (3,500 Lb. Capacity: 6'-8" x 5'-5" Cab), Rigid Stainless Steel - Hang On Panels	10,435.82	825.54
14 01 20 71-0065	EA	Removal And Replacement Of Governor	6,090.97	825.54
14 01 20 71-0066	EA	Removal And Replacement Of Car Station	9,719.42	1,651.09
14 01 20 71-0067	EA	Removal And Replacement Of Telephone	2,042.60	412.77
14 01 20 71-0068	EA	Removal And Replacement Of Hall Lanterns	1,520.60	412.77
14 01 20 71-0069	EA	Hall Call Buttons, Vandal Resistant	913.14	412.77
14 01 20 71-0070	EA	Hall Traveling Lanterns With Audible Signal	1,933.37	412.77
14 01 20 71-0071	EA	Add Raised Character (Braille) Signage To Control Panel	229.63	206.39
14 01 20 71-0072	EA	New Microprocessor Based Controller (Non-Proprietary)	51,411.81	6,604.33
14 01 20 71-0073	EA	New Steel Shell And Canopy (Excludes Plastic Panels), For 5' x 7' Cab	29,765.50	6,604.33
14 01 20 71-0074	EA	New Steel Shell, Canopy And Platform (Excludes Plastic Laminate), For 5' x 7' Cab	46,299.34	6,604.33
14 01 20 71-0075	EA	Removal And Replacement Of Elevator/Hoistway Doors (Single Slide Door Arrangement), Baked Enamel	3,787.32	
14 01 20 71-0076	EA	Removal And Replacement Of Elevator/Hoistway Doors (Center Opening Door Arrangement), Baked Enamel	4,005.77	
14 01 20 71-0077	EA	Removal And Replacement Of Elevator/Hoistway Doors (Single Slide Door Arrangement), Stainless Steel	4,246.07	
14 01 20 71-0078	EA	Removal And Replacement Of Elevator/Hoistway Doors (Center Opening Door Arrangement), Stainless Steel	4,508.21	
14 01 20 71-0079	EA	Elevator Pit Ladder, Steel Note: Labor cost is for bolting to concrete pit wall.	3,568.87	412.77
14 01 20 71-0080	EA	New Steel Shell, Canopy, Platform, Standard Cab Plastic Laminate, For 5' x 7' Cab	57,545.11	6,604.33
14 01 20 71-0081	LF	Removal And Replacement Of Hoisting Cable, 3/8" - Liftpac, Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 4.5, EHS Traction Steel - 5.5 Note: Labor cost is for replacement of set of 4 ropes and rise of 40 feet.	151.42	
14 01 20 71-0082	LF	Removal And Replacement Of Hoisting Cable, 1/2" - Liftpac, Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 6.0, EHS Traction Steel - 9.7 Note: Labor cost is for replacement of set of 4 ropes and rise of 40 feet.	161.39	
14 01 20 71-0083	LF	Removal And Replacement Of Hoisting Cable, 5/8" - Liftpac, Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 12.7, EHS Traction Steel - 15.4 Note: Labor cost is for replacement of set of 4 ropes and rise of 40 feet.	168.22	
14 01 20 71-0084	EA	Hydraulic Leak Detector And Alarm in Elevator Pit (Stancor Oil Minder - 0.5 HP)	10,475.84	825.54
14 01 20 71-0085	EA	6" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening) Note: Cladding typically done by metal company.	4,263.94	825.54
14 01 20 71-0086	EA	8" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening) Note: Cladding typically done by metal company.	4,363.23	825.54
14 01 20 71-0087	EA	10" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening) Note: Cladding typically done by metal company.	4,462.53	825.54
14 01 20 71-0088	EA	12" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening) Note: Cladding typically done by metal company.	4,581.68	825.54
14 01 20 71-0089	EA	"Rope Gripper" With Pumping Unit For Use On 4-7/8" Maximum Out to Out Of Cable	9,427.28	825.54
14 01 20 71-0090	EA	"Rope Gripper" With Pumping Unit For Use On 6" Maximum Out to Out Of Cable	9,427.28	825.54
14 01 20 71-0091	EA	"Rope Gripper" With Pumping Unit For Use On 10" Maximum Out to Out Of Cable	13,399.08	825.54
14 01 20 71-0092	EA	"Rope Gripper" With Pumping Unit For Use On 11-1/2" Maximum Out to Out Of Cable	15,384.98	825.54
14 01 20 71-0093	EA	60 Amperes, Elevator Disconnect Switch, 3 Phase, 480 - 120 Volt, Fire Safety Interface Relay, Mechanical Interlock	6,159.54	180.72
14 01 20 71-0094	EA	100 Amperes, Elevator Disconnect Switch, 3 Phase, 480 - 120 Volt, Fire Safety Interface Relay, Mechanical Interlock	6,421.78	216.87
14 01 20 71-0095	EA	200 Amperes, Elevator Disconnect Switch, 3 Phase, 480 - 120 Volt, Fire Safety Interface Relay, Mechanical Interlock	8,577.04	253.00
14 01 20 71-0096	EA	Aluminum Handrail Spacers With Set Screw	247.64	206.39
14 01 20 71-0097	EA	Bronze Handrail Spacers With Set Screw	253.14	206.39
14 01 20 71-0098	LF	1/2" x 2" Round Stainless Steel Elevator Handrail	169.62	48.56
14 01 20 71-0099	LF	3/8" x 2" Flat Bar, Brushed Finish, Stainless Steel Elevator Handrail	163.14	48.56
14 01 20 71-0100	LF	3/8" x 3" Flat Bar, Brushed Finish, Stainless Steel Elevator Handrail	193.41	48.56
14 01 20 71-0101	LF	3/8" x 2" Flat Bar, Mirror Finish, Stainless Steel Elevator Handrail	213.90	48.56
14 01 20 71-0102	LF	3/8" x 3" Flat Bar, Mirror Finish, Stainless Steel Elevator Handrail	244.40	48.56
14 01 20 71-0103	LF	3/8" x 2" Flat Bar, Brushed Finish, Bronze Steel Elevator Handrail	197.22	48.56
14 01 20 71-0104	LF	3/8" x 3" Flat Bar, Brushed Finish, Bronze Steel Elevator Handrail	224.15	48.56
14 01 20 71-0105	LF	3/8" x 2" Flat Bar, Mirror Finish, Bronze Steel Elevator Handrail, Mirror Finish	347.71	48.56
14 01 20 71-0106	LF	3/8" x 3" Flat Bar, Mirror Finish, Bronze Steel Elevator Handrail	390.45	48.56
14 01 20 71-0107	LF	3/8" x 1-1/2" Diameter Tubular, Brushed Finish, Stainless Steel Elevator Handrail	162.11	48.56
14 01 20 71-0108	LF	3/8" x 2" Diameter Tubular, Brushed Finish, Tubular Stainless Steel Elevator Handrail	163.76	48.56
14 01 20 71-0109	LF	3/8" x 2-1/2" Diameter Tubular, Brushed Finish, Stainless Steel Elevator Handrail	208.50	48.56
14 01 20 71-0110	LF	3/8" x 1-1/2" Diameter Tubular, Mirror Finish, Stainless Steel Elevator Handrail	195.31	48.56
14 01 20 71-0111	LF	3/8" x 2" Diameter Tubular, Mirror Finish, Stainless Steel Elevator Handrail	209.37	48.56
14 01 20 71-0112	LF	3/8" x 2-1/2" Diameter Tubular, Mirror Finish, Stainless Steel Elevator Handrail	261.82	48.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 01 20 71-0113	LF	3/8" x 1-1/2" Diameter Tubular, Brushed Finish, Tubular Bronze Steel Elevator Handrail	201.99	48.56
14 01 20 71-0114	LF	3/8" x 2" Diameter Tubular, Brushed Finish, Bronze Steel Elevator Handrail	206.51	48.56
14 01 20 71-0115	LF	3/8" x 2-1/2" Diameter Tubular, Brushed Finish Bronze Steel Elevator Handrail	344.49	48.56
14 01 20 71-0116	LF	3/8" x 1-1/2" Diameter Tubular, Mirror Finish, Bronze Steel Elevator Handrail	226.77	48.56
14 01 20 71-0117	LF	3/8" x 2" Diameter Tubular, Mirror Finish, Bronze Elevator Handrail	345.37	48.56
14 01 20 71-0118	LF	3/8" x 2-1/2" Diameter Tubular, Mirror Finish, Bronze Elevator Handrail	390.45	48.56

14 01 30 Operation and Maintenance of Escalators and Moving Walks *(14 01)*

14 01 30 71 Escalators and Moving Walks Rehabilitation *(14 01 30)*

14 01 30 71-0001 Maintenance *(14 01 30 71)*

14 01 30 71-0002	EA	Regular Escalator Inspection (Sufficient For Issue Of Certificate/Permit)	809.02
14 01 30 71-0003	HR	Escalator Servicing, Labor Only	190.03
14 01 30 71-0004	EA	Acceptance Test Of Escalators And Moving Walks	4,449.65

14 01 30 71-0005 Modernization *(14 01 30 71)*

14 01 30 71-0006	EA	Removal And Replacement Of 28" Wide Escalator Stair Tread	2,076.64
14 01 30 71-0007	EA	Removal And Replacement Of 36" Wide Escalator Stair Tread	2,226.28
14 01 30 71-0008	EA	Removal And Replacement Of 48" Wide Escalator Stair Tread	2,336.49
14 01 30 71-0009	EA	Removal And Replacement Of 54" Wide Escalator Stair Tread	2,520.51
14 01 30 71-0010	LF	Removal And Replacement Of Sliding Handrail	194.55

14 20 Elevators *(14)*

Note: Excludes final electrical work or shaft walls.

14 21 Electric Traction Elevators *(14 20)*

14 21 13 Electric Traction Freight Elevators *(14 21)*

14 21 13 00-0001 Electric Traction Freight Elevators *(14 21 13)*

Note: Painted metal shaft doors and steel painted cab. Unit prices based on a shaft of 6 stops (12 feet floor to floor) and 6 openings with power doors.

14 21 13 00-0002	EA	Electric Traction Freight Elevator, 4,000 Lb. x 200 FPM, 6 Stops, 6 Openings	376,245.77
		For Each Opening With Bonderized Steel Door, Add	*283.04*
		For Each Opening With Stainless Steel Doors, Add	*707.60*
		For Each Opening With Two Speed Doors, Add	*849.12*
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*
		For Stainless Steel Cab Interior, Add	*7,505.60*
		For Elevator With Manual Door, Deduct	*-10,000.00*
		For Class "C-1" Loading, Add	*1,563.04*
		For Class "C-2" Loading, Add	*1,876.40*
		For Class "C-3" Loading, Add	*2,566.92*
		For Removal Of Existing Stop, Add	*8,881.07*
		For Each Additional Stop, Add	*35,337.47*
		For Each Floor < 6 Stops, Deduct	*-30,651.98*
		For Each Additional 50 FPM, Add	*5,629.20*
		For Removal Of Existing Elevator, Add	*44,405.35*
14 21 13 00-0003	EA	Electric Traction Freight Elevator, 5,000 Lb. x 200 FPM, 6 Stops, 6 Openings	397,387.20
		For Each Opening With Bonderized Steel Door, Add	*283.04*
		For Each Opening With Stainless Steel Doors, Add	*707.60*
		For Each Opening With Two Speed Doors, Add	*849.12*
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*
		For Stainless Steel Cab Interior, Add	*7,505.60*
		For Elevator With Manual Door, Deduct	*-10,000.00*
		For Class "C-1" Loading, Add	*3,126.08*
		For Class "C-2" Loading, Add	*3,752.80*
		For Class "C-3" Loading, Add	*5,201.38*
		For Removal Of Existing Stop, Add	*8,881.07*
		For Each Additional Stop, Add	*35,337.47*
		For Each Floor < 6 Stops, Deduct	*-30,651.98*
		For Each Additional 50 FPM, Add	*5,629.20*
		For Removal Of Existing Elevator, Add	*44,405.35*
14 21 13 00-0004	EA	Electric Traction Freight Elevator, 6,000 Lb. x 200 FPM, 6 Stops, 6 Openings	420,202.55
		For Elevator With Manual Door, Deduct	*-10,000.00*
		For Class "C-1" Loading, Add	*3,126.08*
		For Class "C-2" Loading, Add	*3,752.80*
		For Class "C-3" Loading, Add	*5,201.38*
		For Custom Plastic Laminated Cab Interiors, Add	*4,691.00*
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,567.40*
		For Stainless Steel Cab Interior, Add	*8,443.80*
		For Removal Of Existing Stop, Add	*8,881.07*
		For Each Additional Stop, Add	*36,275.67*
		For Each Additional 50 FPM, Add	*5,629.20*
		For Each Opening With Bonderized Steel Door, Add	*281.46*
		For Each Opening With Stainless Steel Doors, Add	*562.92*
		For Each Opening With Two Speed Doors, Add	*703.65*
		For Removal Of Existing Elevator, Add	*44,405.35*
		For Each Floor < 6 Stops, Deduct	*-31,651.98*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 21 13 00-0005	EA	Electric Traction Freight Elevator, 7,000 Lb. x 200 FPM, 6 Stops, 6 Openings	430,219.25	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Class "C-1" Loading, Add	*3,126.08*	
		For Class "C-2" Loading, Add	*3,752.80*	
		For Class "C-3" Loading, Add	*5,201.38*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,691.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,567.40*	
		For Stainless Steel Cab Interior, Add	*8,443.80*	
		For Removal Of Existing Stop, Add	*8,881.07*	
		For Each Additional Stop, Add	*36,275.67*	
		For Each Additional 50 FPM, Add	*5,629.20*	
		For Each Opening With Bonderized Steel Door, Add	*281.46*	
		For Each Opening With Stainless Steel Doors, Add	*562.92*	
		For Each Opening With Two Speed Doors, Add	*703.65*	
		For Removal Of Existing Elevator, Add	*44,405.35*	
		For Each Floor < 6 Stops, Deduct	*-31,651.98*	
14 21 13 00-0006	EA	Electric Traction Freight Elevator, 8,000 Lb. x 200 FPM, 6 Stops, 6 Openings	443,581.89	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional 50 FPM, Add	*14,152.00*	
		For Class "C-1" Loading, Add	*6,254.04*	
		For Class "C-2" Loading, Add	*7,505.60*	
		For Class "C-3" Loading, Add	*10,267.66*	
		For Removal Of Existing Stop, Add	*8,881.07*	
		For Each Additional Stop, Add	*36,275.67*	
		For Each Opening With Bonderized Steel Door, Add	*375.28*	
		For Each Opening With Stainless Steel Doors, Add	*656.74*	
		For Each Opening With Two Speed Doors, Add	*797.47*	
		For Custom Plastic Laminated Cab Interiors, Add	*5,629.20*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,505.60*	
		For Stainless Steel Cab Interior, Add	*9,382.00*	
		For Removal Of Existing Elevator, Add	*44,405.35*	
		For Each Floor < 6 Stops, Deduct	*-31,651.98*	
14 21 13 00-0007	EA	Electric Traction Freight Elevator, 10,000 Lb. x 200 FPM, 6 Stops, 6 Openings	458,812.17	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional 50 FPM, Add	*14,152.00*	
		For Class "C-1" Loading, Add	*6,254.04*	
		For Class "C-2" Loading, Add	*7,505.60*	
		For Class "C-3" Loading, Add	*10,267.66*	
		For Removal Of Existing Stop, Add	*8,881.07*	
		For Each Additional Stop, Add	*36,275.67*	
		For Each Opening With Bonderized Steel Door, Add	*375.28*	
		For Each Opening With Stainless Steel Doors, Add	*656.74*	
		For Each Opening With Two Speed Doors, Add	*797.47*	
		For Custom Plastic Laminated Cab Interiors, Add	*5,629.20*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,505.60*	
		For Stainless Steel Cab Interior, Add	*9,382.00*	
		For Removal Of Existing Elevator, Add	*44,405.35*	
		For Each Floor < 6 Stops, Deduct	*-31,651.98*	
14 21 13 00-0008	EA	Electric Traction Freight Elevator, 12,000 Lb. x 200 FPM, 6 Stops, 6 Openings	471,790.06	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional 50 FPM, Add	*14,152.00*	
		For Class "C-1" Loading, Add	*6,254.04*	
		For Class "C-2" Loading, Add	*7,505.60*	
		For Class "C-3" Loading, Add	*10,267.66*	
		For Removal Of Existing Stop, Add	*8,881.07*	
		For Each Additional Stop, Add	*36,275.67*	
		For Each Opening With Bonderized Steel Door, Add	*375.28*	
		For Each Opening With Stainless Steel Doors, Add	*656.74*	
		For Each Opening With Two Speed Doors, Add	*797.47*	
		For Custom Plastic Laminated Cab Interiors, Add	*5,629.20*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,505.60*	
		For Stainless Steel Cab Interior, Add	*9,382.00*	
		For Removal Of Existing Elevator, Add	*44,405.35*	
		For Each Floor < 6 Stops, Deduct	*-31,651.98*	

14 21 23 Electric Traction Passenger Elevators *(14 21)*

14 21 23 13 Machine Room Electric Traction Passenger Elevators *(14 21 23)*

14 21 23 13-0001 Electric Traction Passenger Elevators *(14 21 23 13)*

Note: Baked enamel shaft doors and plastic laminate trimmed cab, allowance of $7,500. Unit prices based on a shaft of 6 stops (12 feet floor to floor) and 6 openings.

14 21 23 13-0002	EA	Electric Traction Passenger Elevator, 2,000 Lb. x 200 FPM, 6 Stops, 6 Openings	281,491.73	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Stop, Add	*4,440.53*	
		For Each Additional Stop, Add	*35,337.47*	
		For Each Floor < 6 Stops, Deduct	*-21,101.33*	
		For Removal Of Existing Elevator, Add	*33,304.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 21 23 13-0003	EA	Electric Traction Passenger Elevator, 2,500 Lb. x 200 FPM, 6 Stops, 6 Openings	288,895.49	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Stop, Add	*4,440.53*	
		For Each Additional Stop, Add	*35,337.47*	
		For Each Floor < 6 Stops, Deduct	*-21,101.33*	
		For Removal Of Existing Elevator, Add	*33,304.02*	
14 21 23 13-0004	EA	Electric Traction Passenger Elevator, 3,000 Lb. x 200 FPM, 6 Stops, 6 Openings	295,302.24	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Stop, Add	*4,440.53*	
		For Each Additional Stop, Add	*35,337.47*	
		For Each Floor < 6 Stops, Deduct	*-21,101.33*	
		For Removal Of Existing Elevator, Add	*33,304.02*	
14 21 23 13-0005	EA	Electric Traction Passenger Elevator, 3,500 Lb. x 200 FPM, 6 Stops, 6 Openings	299,997.60	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Stop, Add	*4,440.53*	
		For Each Additional Stop, Add	*35,337.47*	
		For Each Floor < 6 Stops, Deduct	*-21,101.33*	
		For Removal Of Existing Elevator, Add	*33,304.02*	
14 21 23 13-0006	EA	Electric Traction Passenger Elevator, 4,000 Lb. x 200 FPM, 6 Stops, 6 Openings	306,026.82	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Stop, Add	*4,440.53*	
		For Each Additional Stop, Add	*35,337.47*	
		For Each Floor < 6 Stops, Deduct	*-21,101.33*	
		For Removal Of Existing Elevator, Add	*33,304.02*	
14 21 23 13-0007	EA	Electric Traction Passenger Elevator, 4,500 Lb. x 200 FPM, 6 Stops, 6 Openings	311,881.72	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Stop, Add	*4,440.53*	
		For Each Additional Stop, Add	*35,337.47*	
		For Each Floor < 6 Stops, Deduct	*-21,101.33*	
		For Removal Of Existing Elevator, Add	*33,304.02*	
14 21 23 13-0008	EA	Electric Traction Passenger Elevator, 5,000 Lb. x 200 FPM, 6 Stops, 6 Openings	317,878.10	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Stop, Add	*4,440.53*	
		For Each Additional Stop, Add	*35,337.47*	
		For Each Floor < 6 Stops, Deduct	*-21,101.33*	
		For Removal Of Existing Elevator, Add	*33,304.02*	

14 24 Hydraulic Elevators *(14 20)*

Note: Prices are for a complete operating elevator including all standard controls, hydraulic motor and devices based on unit with cab sized 5' by 8' with galvanized primed shaft door with cab allowances as listed below.

14 24 13 Hydraulic Freight Elevators *(14 24)*

14 24 13 00-0001 Hydraulic Freight Elevators *(14 24 13)*

Note: Painted metal shaft doors and steel painted cab. Unit prices based on a shaft of 3 stops (15 feet floor to floor) and 3 openings with power doors.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 13 00-0002	EA	Hydraulic Freight Elevator, 3,000 Lb. x 50 FPM, 3 Stops, 3 Openings	231,972.12	
		For Each Additional Stop, Add	*26,473.60*	
		For 2 Stops, Deduct	*-15,885.45*	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Each Opening With Two Speed Doors, Add	*849.12*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional 50 FPM, Add	*2,830.40*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Class "C-1" Loading, Add	*1,563.04*	
		For Class "C-2" Loading, Add	*1,876.40*	
		For Class "C-3" Loading, Add	*2,566.92*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*321.35*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*8,881.07*	
		For Removal Of Existing Elevator, Add	*22,202.67*	
14 24 13 00-0003	EA	Hydraulic Freight Elevator, 3,500 Lb. x 50 FPM, 3 Stops, 3 Openings	239,303.20	
		For Each Additional Stop, Add	*26,473.60*	
		For 2 Stops, Deduct	*-15,885.45*	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Each Opening With Two Speed Doors, Add	*849.12*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional 50 FPM, Add	*2,830.40*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Class "C-1" Loading, Add	*1,563.04*	
		For Class "C-2" Loading, Add	*1,876.40*	
		For Class "C-3" Loading, Add	*2,566.92*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*321.35*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*8,881.07*	
		For Removal Of Existing Elevator, Add	*22,202.67*	
14 24 13 00-0004	EA	Hydraulic Freight Elevator, 4,000 Lb. x 50 FPM, 3 Stops, 3 Openings	246,180.17	
		For Each Additional Stop, Add	*26,473.60*	
		For 2 Stops, Deduct	*-15,885.45*	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Each Opening With Two Speed Doors, Add	*849.12*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional 50 FPM, Add	*2,830.40*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Class "C-1" Loading, Add	*1,563.04*	
		For Class "C-2" Loading, Add	*1,876.40*	
		For Class "C-3" Loading, Add	*2,566.92*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*321.35*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*8,881.07*	
		For Removal Of Existing Elevator, Add	*22,202.67*	
14 24 13 00-0005	EA	Hydraulic Freight Elevator, 5,000 Lb. x 50 FPM, 3 Stops, 3 Openings	252,844.71	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Each Opening With Two Speed Doors, Add	*849.12*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional 50 FPM, Add	*2,830.40*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*27,888.80*	
		For 2 Stops, Deduct	*-16,885.45*	
		For Class "C-1" Loading, Add	*3,126.08*	
		For Class "C-2" Loading, Add	*3,752.80*	
		For Class "C-3" Loading, Add	*5,201.38*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*321.35*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*8,881.07*	
		For Removal Of Existing Elevator, Add	*22,202.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 13 00-0006	EA	Hydraulic Freight Elevator, 6,000 Lb. x 50 FPM, 3 Stops, 3 Openings	266,843.28	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Each Opening With Two Speed Doors, Add	*849.12*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*27,888.80*	
		For 2 Stops, Deduct	*-16,885.45*	
		For Class "C-1" Loading, Add	*3,126.08*	
		For Class "C-2" Loading, Add	*3,752.80*	
		For Class "C-3" Loading, Add	*5,201.38*	
		For Each Additional 50 FPM, Add	*14,152.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,691.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,567.40*	
		For Stainless Steel Cab Interior, Add	*8,443.80*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*321.35*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*8,881.07*	
		For Removal Of Existing Elevator, Add	*22,202.67*	
14 24 13 00-0007	EA	Hydraulic Freight Elevator, 7,000 Lb. x 50 FPM, 3 Stops, 3 Openings	273,559.46	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Each Opening With Two Speed Doors, Add	*849.12*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*27,888.80*	
		For 2 Stops, Deduct	*-16,885.45*	
		For Class "C-1" Loading, Add	*3,126.08*	
		For Class "C-2" Loading, Add	*3,752.80*	
		For Class "C-3" Loading, Add	*5,201.38*	
		For Each Additional 50 FPM, Add	*14,152.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,691.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,567.40*	
		For Stainless Steel Cab Interior, Add	*8,443.80*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*321.35*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*8,881.07*	
		For Removal Of Existing Elevator, Add	*33,304.02*	
14 24 13 00-0008	EA	Hydraulic Freight Elevator, 8,000 Lb. x 50 FPM, 3 Stops, 3 Openings	283,672.26	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Each Opening With Two Speed Doors, Add	*849.12*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*27,888.80*	
		For 2 Stops, Deduct	*-16,885.45*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,691.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,567.40*	
		For Stainless Steel Cab Interior, Add	*8,443.80*	
		For Each Additional 50 FPM, Add	*15,567.20*	
		For Class "C-1" Loading, Add	*7,815.21*	
		For Class "C-2" Loading, Add	*9,382.00*	
		For Class "C-3" Loading, Add	*12,834.58*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*321.35*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*8,881.07*	
		For Removal Of Existing Elevator, Add	*33,304.02*	
14 24 13 00-0009	EA	Hydraulic Freight Elevator, 10,000 Lb. x 50 FPM, 3 Stops, 3 Openings	291,084.64	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Each Opening With Two Speed Doors, Add	*849.12*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*27,888.80*	
		For 2 Stops, Deduct	*-16,885.45*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,691.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,567.40*	
		For Stainless Steel Cab Interior, Add	*8,443.80*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*321.35*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*8,881.07*	
		For Removal Of Existing Elevator, Add	*33,304.02*	
		For Each Additional 50 FPM, Add	*16,982.40*	
		For Class "C-1" Loading, Add	*10,394.32*	
		For Class "C-2" Loading, Add	*12,478.06*	
		For Class "C-3" Loading, Add	*17,069.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 13 00-0010	EA	Hydraulic Freight Elevator, 12,000 Lb. x 50 FPM, 3 Stops, 3 Openings	303,642.59	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Each Opening With Two Speed Doors, Add	*849.12*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*27,888.80*	
		For 2 Stops, Deduct	*-16,885.45*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,691.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,567.40*	
		For Stainless Steel Cab Interior, Add	*8,443.80*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*321.35*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*8,881.07*	
		For Removal Of Existing Elevator, Add	*33,304.02*	
		For Each Additional 50 FPM, Add	*16,982.40*	
		For Class "C-1" Loading, Add	*10,394.32*	
		For Class "C-2" Loading, Add	*12,478.06*	
		For Class "C-3" Loading, Add	*17,069.61*	

14 24 13 00-0011 Hydraulic Elevators Piston Drilling *(14 24 13)*

14 24 13 00-0012	VLF	Up To 6" Diameter Piston Drilling	101.54	
		Note: Includes casing.		
14 24 13 00-0013	VLF	8" To 10" Diameter Piston Drilling	121.30	
		Note: Includes casing.		

14 24 23 Hydraulic Passenger Elevators *(14 24)*

14 24 23 00-0001 Hydraulic Passenger Elevators *(14 24 23)*

Note: Baked enamel shaft doors and plastic laminate trimmed cab, allowance of $7,500. Unit prices based on a shaft of 3 stops (15 feet floor to floor) and 3 openings.

14 24 23 00-0002	EA	Hydraulic Passenger Elevator, 2,100 Lb. x 100 FPM, 3 Stops, 3 Openings	161,094.75	
		For Each Additional Stop, Add	*26,473.60*	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*321.35*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Elevator, Add	*22,202.67*	
		For Removal Of Existing Stop, Add	*4,440.53*	
		For 2 Stops, Deduct	*-10,000.00*	
14 24 23 00-0003	EA	Hydraulic Passenger Elevator, 2,500 Lb. x 100 FPM, 3 Stops, 3 Openings	163,925.15	
		For Each Additional Stop, Add	*26,473.60*	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*321.35*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Elevator, Add	*22,202.67*	
		For Removal Of Existing Stop, Add	*4,440.53*	
		For 2 Stops, Deduct	*-10,000.00*	
14 24 23 00-0004	EA	Hydraulic Passenger Elevator, 3,000 Lb. x 100 FPM, 3 Stops, 3 Openings	165,871.05	
		For Each Additional Stop, Add	*26,473.60*	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*321.35*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Elevator, Add	*22,202.67*	
		For Removal Of Existing Stop, Add	*4,440.53*	
		For 2 Stops, Deduct	*-10,000.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 23 00-0005	EA	Hydraulic Passenger Elevator, 3,500 Lb. x 100 FPM, 3 Stops, 3 Openings	173,678.13	
		For Each Additional Stop, Add	*26,473.60*	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*321.35*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Elevator, Add	*22,202.67*	
		For Removal Of Existing Stop, Add	*4,440.53*	
		For 2 Stops, Deduct	*-10,000.00*	
14 24 23 00-0006	EA	Hydraulic Passenger Elevator, 4,000 Lb. x 100 FPM, 3 Stops, 3 Openings	176,875.59	
		For Each Additional Stop, Add	*26,473.60*	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*321.35*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Elevator, Add	*22,202.67*	
		For Removal Of Existing Stop, Add	*4,440.53*	
		For 2 Stops, Deduct	*-10,000.00*	
14 24 23 00-0007	EA	Hydraulic Passenger Elevator, 4,500 Lb. x 100 FPM, 3 Stops, 3 Openings	181,015.05	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional Stop, Add	*27,888.80*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*321.35*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Elevator, Add	*22,202.67*	
		For Removal Of Existing Stop, Add	*4,440.53*	
		For 2 Stops, Deduct	*-10,000.00*	
14 24 23 00-0008	EA	Hydraulic Passenger Elevator, 5,000 Lb. x 100 FPM, 3 Stops, 3 Openings	185,515.55	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Each Opening With Two Speed Doors, Add	*849.12*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional Stop, Add	*27,888.80*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*321.35*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Elevator, Add	*22,202.67*	
		For Removal Of Existing Stop, Add	*4,440.53*	
		For 2 Stops, Deduct	*-10,000.00*	

14 24 23 00-0009 Twin Holeless Hydraulic Passenger Elevator *(14 24 23)*

Note: Baked enamel shaft doors and plastic laminate trimmed cab, allowance of $7,500. Unit prices based on a shaft of 2 stops (10 feet floor to floor) and 2 openings.

14 24 23 00-0010	EA	Twin Holeless Hydraulic Passenger Elevator, 2,100 Lb. x 100 FPM	138,228.03	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,283.70*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*4,691.00*	
		For Stainless Steel Cab Interior, Add	*5,629.20*	
		For Removal Of Existing Elevator, Add	*22,202.67*	
		For Each Additional Stop, Add	*28,138.80*	
		For An Additional 25 FPM, Add	*2,384.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 23 00-0011	EA	Twin Holeless Hydraulic Passenger Elevator, 2,500 Lb. x 100 FPM	143,350.97	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,283.70*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*4,691.00*	
		For Stainless Steel Cab Interior, Add	*5,629.20*	
		For Removal Of Existing Elevator, Add	*22,202.67*	
		For Each Additional Stop, Add	*28,138.80*	
		For An Additional 25 FPM, Add	*2,384.61*	
14 24 23 00-0012	EA	Twin Holeless Hydraulic Passenger Elevator, 3,000 Lb. x 100 FPM	148,277.76	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,283.70*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*4,691.00*	
		For Stainless Steel Cab Interior, Add	*5,629.20*	
		For Removal Of Existing Elevator, Add	*22,202.67*	
		For Each Additional Stop, Add	*28,138.80*	
		For An Additional 25 FPM, Add	*2,384.61*	
14 24 23 00-0013	EA	Twin Holeless Hydraulic Passenger Elevator, 3,500 Lb. x 100 FPM	171,567.40	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,283.70*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*4,691.00*	
		For Stainless Steel Cab Interior, Add	*5,629.20*	
		For Removal Of Existing Elevator, Add	*22,202.67*	
		For Each Additional Stop, Add	*28,138.80*	
		For An Additional 25 FPM, Add	*2,384.61*	

14 27 Custom Elevator Cabs and Doors *(14 20)*

14 27 13 Custom Elevator Cab Finishes *(14 27)*

14 27 13 00-0001 Custom Elevator Cab Finish Options *(14 27 13)*

Note: Review elevator task modifiers for additional cab finishes.

14 27 13 00-0002	EA	Intercom Service	1,575.58	

14 27 13 00-0003 Custom Elevator Hall Finish Options *(14 27 13)*

14 27 13 00-0004	EA	Stainless Steel Door, Hall Finishes	1,799.80	
14 27 13 00-0005	EA	Stainless Steel Frames, Hall Finishes	1,891.31	
14 27 13 00-0006	EA	Hall Lantern, Signal Devices	993.53	

14 27 16 Custom Elevator Doors *(14 27)*

14 27 16 00-0001 Custom Elevator Door Options *(14 27 16)*

14 27 16 00-0002	EA	Center Opening, 1 Speed Doors	3,870.41	
14 27 16 00-0003	EA	Center Opening, 2 Speed Doors	4,907.57	
14 27 16 00-0004	EA	Rear Opening Doors (Opposite Front)	6,768.38	
14 27 16 00-0005	EA	Side Opening, 2 Speed Doors	10,642.51	
14 27 16 00-0006	EA	Bi-Parting Doors	11,682.20	
14 27 16 00-0007	EA	Power Operated Door And Gate	34,804.99	

14 28 Elevator Equipment and Controls *(14 20)*

14 28 16 Elevator Controls *(14 28)*

14 28 16 00-0001 Passenger Or Freight Elevator Options *(14 28 16)*

14 28 16 00-0002	EA	2 Car Group, Elevator Automatic Controls	9,403.08	1,251.73
14 28 16 00-0003	EA	3 Car Group, Elevator Automatic Controls	14,232.67	1,876.25
14 28 16 00-0004	EA	4 Car Group, Elevator Automatic Controls	21,757.90	2,501.66
14 28 16 00-0005	EA	5 Car Group, Elevator Automatic Controls	30,388.97	3,175.14
14 28 16 00-0006	EA	6 Car Group, Elevator Automatic Controls	41,947.43	3,752.45
14 28 16 00-0007	EA	Duplex Care Selective Collective	8,936.75	
14 28 16 00-0008	EA	Automatic Emergency Power Switching	5,611.71	
14 28 16 00-0009	EA	Manual Emergency Power Switching	987.43	
14 28 16 00-0010	EA	Up To 3, Position Indicator, Signal Devices	237.23	
14 28 16 00-0011	EA	>3, Position Indicator, Signal Devices	199.58	
14 28 16 00-0012	EA	High Speed Heavy-Duty Door Opener	3,355.55	
14 28 16 00-0013	EA	Variable Voltage, Overhead Gearless Machine, Minimum	58,705.99	
14 28 16 00-0014	EA	Variable Voltage, Overhead Gearless Machine, Average	95,876.52	
14 28 16 00-0015	EA	Variable Voltage, Overhead Gearless Machine, Maximum	132,879.75	
14 28 16 00-0016	EA	Variable Voltage, Basement Installed Geared Machine, Minimum	24,706.80	
14 28 16 00-0017	EA	Variable Voltage, Basement Installed Geared Machine, Average	30,319.72	
14 28 16 00-0018	EA	Variable Voltage, Basement Installed Geared Machine, Maximum	33,492.24	
14 28 16 00-0019	SF	1/4" Thick, Steel Plate, Elevator Cab Floor	45.76	
14 28 16 00-0020	SF	1/4" Thick, Steel Plate, Elevator Walls	45.21	

14 30 Escalators and Moving Walks *(14)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

14 31 Escalators *(14 30)*

14 31 00 00-0001 Stainless Steel Escalator Construction *(14 31)*

Note: Prices are medians and are based on each moving stairway. Complete, includes all standard accessories and single microprocessor controlled electronic display sign packages, LED.

14 31 00 00-0002	EA	Escalators Stainless Steel, 32" Wide x 12' Floor To Floor Height	163,167.90	13,947.77
14 31 00 00-0003	EA	Escalators Stainless Steel, 32" Wide x 15' Floor To Floor Height	180,745.48	16,483.74
14 31 00 00-0004	EA	Escalators Stainless Steel, 32" Wide x 18' Floor To Floor Height	196,837.89	19,019.70
14 31 00 00-0005	EA	Escalators Stainless Steel, 32" Wide x 22' Floor To Floor Height	217,587.63	22,823.64
14 31 00 00-0006	EA	Escalators Stainless Steel, 32" Wide x 25' Floor To Floor Height	240,260.60	25,359.59
14 31 00 00-0007	EA	Escalators Stainless Steel, 36" Wide x 12' Floor To Floor Height	172,553.38	14,835.36
14 31 00 00-0008	EA	Escalators Stainless Steel, 36" Wide x 15' Floor To Floor Height	191,496.10	17,751.72
14 31 00 00-0009	EA	Escalators Stainless Steel, 36" Wide x 18' Floor To Floor Height	207,569.99	20,287.67
14 31 00 00-0010	EA	Escalators Stainless Steel, 36" Wide x 22' Floor To Floor Height	233,905.80	25,486.39
14 31 00 00-0011	EA	Escalators Stainless Steel, 36" Wide x 25' Floor To Floor Height	252,048.10	27,388.37
14 31 00 00-0012	EA	Escalators Stainless Steel, 48" Wide x 12' Floor To Floor Height	182,351.98	15,722.95
14 31 00 00-0013	EA	Escalators Stainless Steel, 48" Wide x 15' Floor To Floor Height	202,987.19	19,019.70
14 31 00 00-0014	EA	Escalators Stainless Steel, 48" Wide x 18' Floor To Floor Height	218,648.60	21,555.66
14 31 00 00-0015	EA	Escalators Stainless Steel, 48" Wide x 22' Floor To Floor Height	251,340.79	26,881.17
14 31 00 00-0016	EA	Escalators Stainless Steel, 48" Wide x 25' Floor To Floor Height	266,767.48	29,417.13
14 31 00 00-0017	EA	Escalator Fire Shutter Fusible Link	24,100.75	507.19

14 40 Lifts *(14)*

14 41 People Lifts *(14 40)*

14 41 16 Endless-Belt People Lifts *(14 41)*

14 41 16 00-0001 Personnel Lifts Electrically Operated *(14 41 16)*

Note: 1 Or 2 person lift by vertical belt with attached foot platforms average of 36" diameter openings.

14 41 16 00-0002	EA	Personnel Lifts, Electric, 1-2 Person, 3 Stops	29,221.30	
		For An Additional Stop, Add	*834.80*	
		For Tinted Plexiglas Enclosure, Weatherproof, Add	*3,506.56*	
14 41 16 00-0003	EA	Personnel Lifts, Electric, 1-2 Person, 5 Stops	30,739.29	
		For An Additional Stop, Add	*834.80*	
		For Tinted Plexiglas Enclosure, Weatherproof, Add	*3,688.71*	
14 41 16 00-0004	EA	Personnel Lifts, Electric, 1-2 Person, 7 Stops	32,257.28	
		For An Additional Stop, Add	*834.80*	
		For Tinted Plexiglas Enclosure, Weatherproof, Add	*3,870.87*	

14 41 19 Stairway Chairlifts *(14 41)*

14 41 19 00-0001 Chair Lift-Stair Climber *(14 41 19)*

Note: Includes landing, rails, lifting device and gates.

14 41 19 00-0002	EA	Chair Lift, Stair Climber Per Story, Single Passenger, Indoor, 300 Lb. Capacity Note: Includes top and bottom call button, safety chair, track, and power unit.	8,096.76	1,078.71

14 42 Wheelchair Lifts *(14 40)*

14 42 13 Inclined Wheelchair Lifts *(14 42)*

14 42 13 00-0001 Inclined Platform Wheelchair Lift-Stair Climber *(14 42 13)*

Note: Includes landing, rails, lifting device and gates.

14 42 13 00-0002	EA	Inclined Wheelchair Lift, Stair Climber Per Story, Single Passenger, Indoor, 300 Lb. Capacity Note: Includes top and bottom call button, safety chair, track, and power unit.	15,174.77	1,618.05

14 42 16 Vertical Wheelchair Lifts *(14 42)*

14 42 16 00-0001 Wheelchair Lift (Shorty) *(14 42 16)*

14 42 16 00-0002	EA	36" Vertical Travel Wheelchair Platform Scissor Lift Note: 1,000 Lb. capacity. Includes handrails and manual ramp.	11,512.14	755.10
		For Accordion Safety Skirt, Add	*1,364.96*	
		For Removable Handrails, Add	*139.10*	
		For Power Operated Ramp, Add	*1,217.16*	
14 42 16 00-0003	EA	42" Vertical Travel Wheelchair Platform Scissor Lift Note: 1,000 Lb. capacity. Includes handrails and manual ramp.	14,146.75	943.86
		For 2,000 Lb. Capacity, Add	*817.24*	
		For 3,000 Lb. Capacity, Add	*1,364.96*	
		For 4,000 Lb. Capacity, Add	*2,043.09*	
		For Accordion Safety Skirt, Add	*1,364.96*	
		For Removable Handrails, Add	*139.10*	
		For Power Operated Ramp, Add	*1,217.16*	
14 42 16 00-0004	EA	70" Vertical Travel Wheelchair Platform Scissor Lift Note: 1,000 Lb. capacity. Includes handrails and manual ramp.	16,781.52	1,227.02
		For 2,000 Lb. Capacity, Add	*817.24*	
		For 3,000 Lb. Capacity, Add	*1,364.96*	
		For 4,000 Lb. Capacity, Add	*2,043.09*	
		For Accordion Safety Skirt, Add	*1,364.96*	
		For Removable Handrails, Add	*139.10*	
		For Power Operated Ramp, Add	*1,217.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 42 16 00-0005	EA	84" Vertical Travel Wheelchair Platform Scissor Lift	18,824.93	1,415.79
		Note: 1,000 Lb. capacity. Includes handrails and manual ramp.		
		For 2,000 Lb. Capacity, Add	*817.24*	
		For 3,000 Lb. Capacity, Add	*1,364.96*	
		For 4,000 Lb. Capacity, Add	*2,043.09*	
		For Accordion Safety Skirt, Add	*1,364.96*	
		For Removable Handrails, Add	*139.10*	
		For Power Operated Ramp, Add	*1,217.16*	
14 42 16 00-0006	EA	18' Travel Wheelchair Incline Lift	19,902.18	674.19
		Note: 500 Lb. capacity, interior installation.		

END OF SECTION 14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

21 Fire Suppression

21 01 Operation and Maintenance of Fire Suppression *(21)*

21 01 10 Operation and Maintenance of Water-Based Fire-Suppression Systems *(21 01)*

See CSI section 23 01 20 00-0000 for purging of pipes and shutdown.

21 01 10 91 Water-Based Fire-Suppression Systems Restoration *(21 01 10)*

21 01 10 91-0001 Relocate Sprinkler Head And Branch Piping *(21 01 10 91)*

See CSI section 21 13 13 00-0024 for new wet pipe sprinkler heads (when required).

21 01 10 91-0002	EA	Relocate 1 Existing Sprinkler Head And Branch Piping Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	600.18	
21 01 10 91-0003	EA	Relocate 2 To 4 Existing Sprinkler Heads And Branch Piping Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	360.11	
21 01 10 91-0004	EA	Relocate >4 To 10 Existing Sprinkler Heads And Branch Piping Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	144.05	
21 01 10 91-0005	EA	Relocate >10 Existing Sprinkler Heads And Branch Piping Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	72.02	

21 01 10 91-0006 Purge And Refill System Sprinkler Piping *(21 01 10 91)*

Note: Includes shutting off valve, draining pipe and collection of liquid, refilling with liquid and bleeding of air from system.

21 01 10 91-0007	EA	Up To 100', Up To 1-1/2" Diameter Pipe, Purge Liquid System For Sprinkler Upgrades	410.27	
21 01 10 91-0008	EA	>100 To 250', Up To 1-1/2" Diameter Pipe, Purge Liquid System For Sprinkler Upgrades	585.95	
21 01 10 91-0009	EA	>250 To 500', Up To 1-1/2" Diameter Pipe, Purge Liquid System For Sprinkler Upgrades	702.08	
21 01 10 91-0010	EA	>500 To 1,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System For Sprinkler Upgrades	877.60	
21 01 10 91-0011	EA	>1,000 To 2,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System For Sprinkler Upgrades	1,140.89	
21 01 10 91-0012	LF	>2,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System For Sprinkler Upgrades	0.57	
21 01 10 91-0013	EA	Up To 100', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System For Sprinkler Upgrades	574.38	
21 01 10 91-0014	EA	>100 To 250', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System For Sprinkler Upgrades	820.34	
21 01 10 91-0015	EA	>250 To 500', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System For Sprinkler Upgrades	982.92	
21 01 10 91-0016	EA	>500 To 1,000', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System For Sprinkler Upgrades	1,228.64	
21 01 10 91-0017	EA	>1,000 To 2,000', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System For Sprinkler Upgrades	1,597.24	
21 01 10 91-0018	LF	>2,000', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System For Sprinkler Upgrades	0.80	
21 01 10 91-0019	EA	Up To 100', >3" To 6" Diameter Branch Piping, Purge Liquid System For Sprinkler Upgrades	789.77	
21 01 10 91-0020	EA	>100 To 250', >3" To 6" Diameter Branch Piping, Purge Liquid System For Sprinkler Upgrades	1,127.96	
21 01 10 91-0021	EA	>250 To 500', >3" To 6" Diameter Branch Piping, Purge Liquid System For Sprinkler Upgrades	1,351.52	
21 01 10 91-0022	EA	>500 To 1,000', >3" To 6" Diameter Branch Piping, Purge Liquid System For Sprinkler Upgrades	1,689.39	
21 01 10 91-0023	EA	>1,000 To 2,000', >3" To 6" Diameter Branch Piping, Purge Liquid System For Sprinkler Upgrades	2,196.21	
21 01 10 91-0024	LF	>2,000', >3" To 6" Diameter Branch Piping, Purge Liquid System For Sprinkler Upgrades	1.10	
21 01 10 91-0025	EA	Up To 100', >6" To 10" Diameter Main Piping, Purge Liquid System For Sprinkler Upgrades	1,066.20	
21 01 10 91-0026	EA	>100 To 250', >6" To 10" Diameter Main Piping, Purge Liquid System For Sprinkler Upgrades	1,522.74	
21 01 10 91-0027	EA	>250 To 500', >6" To 10" Diameter Main Piping, Purge Liquid System For Sprinkler Upgrades	1,616.56	
21 01 10 91-0028	EA	>500 To 1,000', >6" To 10" Diameter Main Piping, Purge Liquid System For Sprinkler Upgrades	2,020.69	
21 01 10 91-0029	EA	>1,000 To 2,000', >6" To 10" Diameter Main Piping, Purge Liquid System For Sprinkler Upgrades	2,626.90	
21 01 10 91-0030	LF	>2,000', >6" To 10" Diameter Main Piping, Purge Liquid System For Sprinkler Upgrades	1.31	

21 01 30 Operation and Maintenance of Fire-Suppression Equipment *(21 01)*

21 01 30 91 Fire-Suppression Equipment Restoration *(21 01 30)*

21 01 30 91-0001 Inspection And Recharge *(21 01 30 91)*

21 01 30 91-0002	EA	Inspection, CO2, Carbon Dioxide	258.08	
21 01 30 91-0003	LB	Refill/Recharge, CO2, Carbon Dioxide	3.07	
21 01 30 91-0004	EA	Inspection, Halon 1301	258.08	
21 01 30 91-0005	LB	Refill/Recharge, Halon 1301	73.79	
21 01 30 91-0006	EA	Inspection, WC, Wet Chemical	156.05	
21 01 30 91-0007	GAL	Refill/Recharge, WC, Wet Chemical	69.18	
21 01 30 91-0008	EA	Inspection, DC, Dry Chemical	156.05	
21 01 30 91-0009	LB	Refill/Recharge, DC, Dry Chemical	6.15	
21 01 30 91-0010	EA	Hydrostatic Testing, All Sizes, All Agents See CSI section 23 05 93 00-0046 for testing existing piping systems.	48.02	
21 01 30 91-0011	EA	Disarm/Arm System	84.03	

21 05 Common Work Results for Fire Suppression *(21)*

21 05 13 Common Motor Requirements for Fire-Suppression Equipment *(21 05)*

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. See CSI section 23 05 13 00-0000 for motor requirements.

21 05 16 Expansion Fittings and Loops for Fire-Suppression Piping *(21 05)*

See CSI section 23 05 16 00-0000 for expansion fittings and loops.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

21 05 17 Sleeves and Sleeve Seals for Fire-Suppression Piping *(21 05)*

See CSI section 23 05 17 00-0000 for sleeves and sleeve seals.

21 05 19 Meters and Gages for Fire-Suppression Systems *(21 05)*

See CSI section 33 19 00 00-0000 for water utility service metering.

21 05 19 00-0001 Fire Sprinkler System Water Pressure Gauge *(21 05 19)*

21 05 19 00-0002	EA	2" Diameter Dial, 0-200 PSI, Water Pressure Gauge Note: For fire sprinkler systems	52.07	14.00
21 05 19 00-0003	EA	2-1/2" Diameter Dial, 0-300 PSI, Water Pressure Gauge Note: For fire sprinkler systems	54.05	14.00
21 05 19 00-0004	EA	3" Diameter Dial, 0-300 PSI, Water Pressure Gauge Note: For fire sprinkler systems	63.28	14.00
21 05 19 00-0005	EA	3-1/2" Diameter Dial, 0-300 PSI, Water Pressure Gauge Note: For fire sprinkler systems	67.07	14.00
21 05 19 00-0006	EA	4" Diameter Dial, 0-300 PSI, Water Pressure Gauge Note: For fire sprinkler systems	70.86	14.00

21 05 19 00-0007 Fire Service Meter Cast Iron Housing *(21 05 19)*

21 05 19 00-0008	EA	3" Diameter, 0 - 600 GPM Fire Service Meter Flanged, With Cast Iron Housing	9,925.76	195.12
		For >10 To 25, Deduct	*-496.29*	
		For >25, Deduct	*-1,464.44*	
21 05 19 00-0009	EA	4" Diameter, 0 - 1,000 GPM Fire Service Meter Flanged, With Cast Iron Housing	20,299.80	327.10
		For >10 To 25, Deduct	*-1,014.99*	
		For >25, Deduct	*-3,003.98*	
21 05 19 00-0010	EA	6" Diameter, 0 - 2,000 GPM Fire Service Meter Flanged, With Cast Iron Housing	27,511.94	494.56
		For >10 To 25, Deduct	*-1,375.60*	
		For >25, Deduct	*-4,064.75*	
21 05 19 00-0011	EA	8" Diameter, 0 - 4,000 GPM Fire Service Meter Flanged, With Cast Iron Housing	35,895.38	631.94
		For >10 To 25, Deduct	*-1,794.77*	
		For >25, Deduct	*-5,305.81*	
21 05 19 00-0012	EA	10" Diameter, 0 - 6,200 GPM Fire Service Meter Flanged, With Cast Iron Housing	50,648.05	769.33
		For >10 To 25, Deduct	*-2,532.40*	
		For >25, Deduct	*-7,501.04*	

21 05 23 General-Duty Valves for Water-Based Fire-Suppression Piping *(21 05)*

See CSI section 22 05 23 00-0000 for additional valves, 23 05 23 00-0000 for additional valves.

21 05 23 00-0001 TESTanDRAIN® Valve *(21 05 23)*

21 05 23 00-0002	EA	1/4" Diameter, 3-Way Globe Valve With 1/4" NPT Test Port (AGF 7600)	252.34	16.13
21 05 23 00-0003	EA	1" Diameter Threaded, TESTanDRAIN® Valve (AGF 1000)	285.04	19.50
21 05 23 00-0004	EA	1-1/4" Diameter Threaded, TESTanDRAIN® Valve (AGF 1000)	348.51	24.64
21 05 23 00-0005	EA	1-1/2" Diameter Threaded, TESTanDRAIN® Valve (AGF 1000)	543.95	28.45
21 05 23 00-0006	EA	2" Diameter Threaded, TESTanDRAIN® Valve (AGF 1000)	571.80	33.61
21 05 23 00-0007	EA	1" Diameter Threaded, TESTanDRAIN® Valve With Relief Valve (AGF 1011)	400.61	19.50
21 05 23 00-0008	EA	1-1/4" Diameter Threaded, TESTanDRAIN® Valve With Relief Valve (AGF 1011)	462.96	24.64
21 05 23 00-0009	EA	1-1/2" Diameter Threaded, TESTanDRAIN® Valve With Relief Valve (AGF 1011)	661.88	28.45
21 05 23 00-0010	EA	2" Diameter Threaded, TESTanDRAIN® Valve With Relief Valve (AGF 1011)	692.87	33.61

21 05 29 Hangers and Supports for Fire-Suppression Piping and Equipment *(21 05)*

See CSI section 23 05 29 00-0000 for hangers and supports.

21 05 48 Vibration and Seismic Controls for Fire-Suppression Piping and Equipment *(21 05)*

21 05 48 13 Vibration Controls for Fire-Suppression Piping and Equipment *(21 05 48)*

See CSI section 23 05 48 13-0000 for vibration and seismic control.

21 05 53 Identification for Fire-Suppression Piping and Equipment *(21 05)*

See CSI section 23 05 53 00-0000 for identification.

21 07 Fire-Suppression Systems Insulation *(21)*

21 07 16 Fire-Suppression Equipment Insulation *(21 07)*

See CSI section 23 07 16 00-0000 for fire-suppression equipment insulation.

21 07 19 Fire-Suppression Piping Insulation *(21 07)*

See CSI section 22 07 19 00-0000 for fire-suppression piping insulation.

21 10 Water-Based Fire-Suppression Systems *(21)*

See CSI section 22 11 16 00-0378 for copper pipe, 22 11 16 00-0922 for CPVC pipe, 23 05 23 00-0037 for OS&Y gate valves, 23 21 13 23-0000 for black steel piping.

21 11 Facility Fire-Suppression Water-Service Piping *(21 10)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 11 19		**Fire-Department Connections** *(21 11)*		
21 11 19 00-0001		Fire Department Connections *(21 11 19)*		
21 11 19 00-0002	EA	4" x 2-1/2" x 2-1/2" Siamese Connection, Polished Brass	1,093.59	360.76
		For Polished Chrome, Add	*68.38*	
21 11 19 00-0003	EA	6" x 2-1/2" x 2-1/2" Siamese Connection, Polished Brass	1,520.84	450.96
		For Polished Chrome, Add	*104.67*	
21 11 19 00-0004	EA	4" x 3" x 3" Siamese Connection, Polished Brass	1,607.37	360.76
		For Polished Chrome, Add	*132.58*	
21 11 19 00-0005	EA	6" x 3" x 3" Siamese Connection, Polished Brass	2,123.72	450.96
		For Polished Chrome, Add	*180.03*	
21 11 19 00-0006	EA	6" x 2-1/2" x 2-1/2" x 2-1/2" Siamese Connection, Three Way, Polished Brass	2,271.09	450.96
		For Polished Chrome, Add	*198.45*	
21 11 19 00-0007	EA	Sidewalk Type Connection With Plug And Chain, Polished Brass	1,947.20	477.28
		For Polished Chrome, Add	*153.05*	
21 11 19 00-0008	EA	Wall Type Connection With Plug And Chain, Polished Brass	1,249.04	360.76
		For Polished Chrome, Add	*87.81*	
21 11 19 00-0009		Wall Type Indicator Post, Wheel Operated *(21 11 19)*		
		See CSI section 33 14 19 00-0001 for adjustable indicator post accessory for ground valves.		
21 11 19 00-0010	EA	Wall Type Indicator Post With Wall Flange For Valve (Victaulic 773)	3,009.28	327.10
21 12		**Fire-Suppression Standpipes** *(21 10)*		
		See CSI section 23 21 13 23-0000 for black steel pipe.		
21 12 13		**Fire-Suppression Hoses and Nozzles** *(21 12)*		
21 12 13 00-0001		Fire Hose *(21 12 13)*		
21 12 13 00-0002		Fire Hose Without Couplings *(21 12 13 00-0001)*		
21 12 13 00-0003	LF	1-1/2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	3.05	2.40
21 12 13 00-0004	LF	2-1/2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	3.53	2.40
21 12 13 00-0005	LF	2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	3.23	2.40
21 12 13 00-0006	LF	3" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	3.77	2.40
21 12 13 00-0007	LF	1-1/2" Cotton Fire Hose, 300 Lb. Test With 1-1/2" Rubber Lining Without Couplings	3.38	2.40
21 12 13 00-0008	LF	2-1/2" Cotton Fire Hose, 300 Lb. Test With 1-1/2" Rubber Lining Without Couplings	4.14	2.40
21 12 13 00-0009	LF	1-1/2" Cotton Fire Hose, 400 Lb. Test With 1-1/2" Rubber Lining Without Couplings	3.48	2.40
21 12 13 00-0010	LF	2-1/2" Cotton Fire Hose, 400 Lb. Test With 1-1/2" Rubber Lining Without Couplings	4.36	2.40
21 12 13 00-0011		Fire Hose With Aluminum Couplings *(21 12 13 00-0001)*		
21 12 13 00-0012	LF	1-3/4" Polyester Fire Hose With Rubber Lining With Aluminum Couplings	8.97	1.32
21 12 13 00-0013	LF	2-1/2" Polyester Fire Hose With Rubber Lining With Aluminum Couplings	11.28	1.56
21 12 13 00-0014	LF	3-1/2" Polyester Fire Hose With Rubber Lining With Aluminum Couplings	19.62	1.56
21 12 13 00-0015		Fire Hose Accessories *(21 12 13 00-0001)*		
21 12 13 00-0016	EA	Hose Coupling With 1-1/2" Pin Lug	161.78	39.62
21 12 13 00-0017	EA	Hose Coupling With 2-1/2" Pin Lug	242.45	44.41
21 12 13 00-0018	EA	1-1/2" x 10" Brass Straight Nozzle	97.85	31.21
21 12 13 00-0019	EA	2-1/2" x 12" Brass Straight Nozzle	191.26	31.21
21 12 13 00-0020	EA	1-1/2" Brass Fog Type Nozzle	152.32	31.21
21 12 13 00-0021	EA	2-1/2" Brass Fog Type Nozzle	217.91	31.21
21 12 13 00-0022	EA	1-1/2" Brass 100' Hose Rack	339.13	132.04
21 12 13 00-0023	EA	2-1/2" Brass 100' Hose Rack	466.60	132.04
21 12 23		**Fire-Suppression Hose Valves** *(21 12)*		
21 12 23 00-0001		Standpipe Valves *(21 12 23)*		
21 12 23 00-0002	EA	2-1/2" Diameter, Fire Department Valve, Polished Brass With Plug And Chain	982.07	238.64
		For Polished Chrome, Add	*93.10*	
21 12 23 00-0003	EA	2-1/2" x 2-1/2" x 4" Diameter, Fire Department Valve, Flush, Polished Brass	1,716.74	238.53
		For Polished Chrome, Add	*203.30*	
21 12 23 00-0004	EA	2-1/2" x 2-1/2" x 6" Diameter, Fire Department Valve, Flush, Polished Brass	2,260.34	258.02
		For Polished Chrome, Add	*280.40*	
21 12 23 00-0005	EA	3" x 3" x 4" Diameter, Fire Department Valve, Flush, Polished Brass	2,775.42	238.53
		For Polished Chrome, Add	*362.10*	
21 12 23 00-0006	EA	3" x 3" x 6" Diameter, Fire Department Valve, Flush, Polished Brass	3,280.67	258.02
		For Polished Chrome, Add	*433.45*	
21 12 23 00-0007	EA	2-1/2" x 2-1/2" x 4" Diameter, Fire Department Valve, Projecting, Polished Brass	1,604.22	238.53
		For Polished Chrome, Add	*186.42*	
21 12 23 00-0008	EA	2-1/2" x 2-1/2" x 6" Diameter, Fire Department Valve, Projecting, Polished Brass	2,436.79	258.02
		For Polished Chrome, Add	*306.86*	
21 12 23 00-0009	EA	2-1/2" x 2-1/2" x 2-1/2" x 4" Diameter, Fire Department Valve, Flush, Polished Brass	3,198.82	246.26
		For Polished Chrome, Add	*339.09*	
21 12 23 00-0010	EA	2-1/2" x 2-1/2" x 2-1/2" x 6" Diameter, Fire Department Valve, Flush, Polished Brass	4,653.14	273.60
		For Polished Chrome, Add	*508.63*	
21 12 23 00-0011	EA	2-1/2" x 2-1/2" x 2-1/2" x 4" Diameter, Fire Department Valve, Projecting, Polished Brass	3,451.98	246.26
		For Polished Chrome, Add	*369.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 12 23 00-0012	EA	2-1/2" x 2-1/2" x 2-1/2" x 6" Diameter, Fire Department Valve, Projecting, Polished Brass	5,034.57	273.60
		For Polished Chrome, Add	*554.40*	
21 12 23 00-0013	EA	2-1/2" x 2-1/2" x 2-1/2" x 2-1/2" 6" Diameter, Fire Department Valve, Square, Flush, Polished Brass	6,646.78	328.27
		For Polished Chrome, Add	*614.93*	

21 12 23 00-0014 Fire Hose Angle Valves *(21 12 23)*

21 12 23 00-0015	EA	1-1/2" Diameter, 300 Lb. Rated, Cast Brass, Fire Hose Angle Valve	243.37	32.41
21 12 23 00-0016	EA	1-1/2" Diameter, 300 Lb. Rated, Polished Brass, Fire Hose Angle Valve	290.96	32.41
21 12 23 00-0017	EA	1-1/2" Diameter, 300 Lb. Rated, Rough Chrome Plated, Fire Hose Angle Valve	273.66	32.41
21 12 23 00-0018	EA	1-1/2" Diameter, 300 Lb. Rated, Polished Chrome Plated, Fire Hose Angle Valve	321.25	32.41
21 12 23 00-0019	EA	2-1/2" Diameter, 300 Lb. Rated, Cast Brass, Fire Hose Angle Valve	433.19	54.02
21 12 23 00-0020	EA	2-1/2" Diameter, 300 Lb. Rated, Polished Brass, Fire Hose Angle Valve	502.41	54.02
21 12 23 00-0021	EA	2-1/2" Diameter, 300 Lb. Rated, Rough Chrome Plated, Fire Hose Angle Valve	508.18	54.02
21 12 23 00-0022	EA	2-1/2" Diameter, 300 Lb. Rated, Polished Chrome Plated, Fire Hose Angle Valve	577.40	54.02

21 12 29 Fire-Suppression Fire Hose Equipment *(21 12)*

21 12 29 00-0001 Standpipe And Fire Hose Equipment *(21 12 29)*

21 12 29 00-0002	EA	2-1/2" x 2-1/2" x 2-1/2" x 4" Manifold Roof Type, Vertical, Polished Brass	2,569.41	591.56
21 12 29 00-0003	EA	Water Motor Gong	906.72	180.73
21 12 29 00-0004	EA	Fire Riser Flow Switch (National Fire Protection Association 13)	743.25	21.03
21 12 29 00-0005	EA	Water Flow Supervisory (Tamper) Switch Mounted On Valve	261.27	35.97

21 12 29 00-0006 Water Flow Detector *(21 12 29)*

21 12 29 00-0007 Pressure-Type Water Flow Detector *(21 12 29 00-0006)*

21 12 29 00-0008	EA	Pressure-Type Water Flow Detector For Up To 2-1/2" Diameter Pipe	416.62	110.67
21 12 29 00-0009	EA	Pressure-Type Water Flow Detector For >2-1/2" To 4" Diameter Pipe	604.64	146.65
21 12 29 00-0010	EA	Pressure-Type Water Flow Detector For >4" To 8" Diameter Pipe	945.38	166.01

21 12 29 00-0011 Vane-Type Water Flow Detector *(21 12 29 00-0006)*

21 12 29 00-0012	EA	Vane-Type Water Flow Detector For Up To 2-1/2" Diameter Pipe	522.29	110.67
21 12 29 00-0013	EA	Vane-Type Water Flow Detector For >2-1/2" To 4" Diameter Pipe	734.09	146.65
21 12 29 00-0014	EA	Vane-Type Water Flow Detector For >4" To 8" Diameter Pipe	1,150.57	166.01

21 13 Fire-Suppression Sprinkler Systems *(21 10)*

21 13 13 Wet-Pipe Sprinkler Systems *(21 13)*

21 13 13 00-0001 Complete Wet Pipe Sprinkler Systems Assemblies *(21 13 13)*

Note: Includes all branch line piping (standard weight threaded black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc.) from riser pipe and mains. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks. Not for use where detail is available. For sprinkler repairs or sprinkler head replacements use specific pipe, fittings, hangers, valves, and sprinkler head components. See CSI section 23 21 13 23-1420 for individual grooved pipe, 23 21 13 23-1488 for individual grooved pipe fittings.

21 13 13 00-0002 Light Hazard, Complete Wet-Pipe Sprinkler System Assemblies *(21 13 13 00-0001)*

21 13 13 00-0003	EA	Exposed Piping, Light Hazard, Per Head, Complete Wet-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads.	680.55	
		For Copper Pipe, Add	*82.84*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-116.87*	
		For Up To 5, Add	*310.70*	
		For >5 To 10, Add	*193.84*	
		For >10 To 20, Add	*125.78*	
		For >20 To 40, Add	*53.27*	
		For >100 To 150, Deduct	*-68.06*	
		For >150, Deduct	*-136.11*	
21 13 13 00-0004	EA	Concealed Piping, Light Hazard, Per Head, Complete Wet-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	886.58	
		For Copper Pipe, Add	*104.65*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-148.98*	
		For Up To 5, Add	*411.30*	
		For >5 To 10, Add	*262.32*	
		For >10 To 20, Add	*173.66*	
		For >20 To 40, Add	*72.66*	
		For >100 To 150, Deduct	*-88.66*	
		For >150, Deduct	*-177.32*	
		For Work In Restricted Working Space, Add	*170.01*	

21 13 13 00-0005 Ordinary Hazard, Complete Wet-Pipe Sprinkler System Assemblies *(21 13 13 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0006	EA	Exposed Piping, Ordinary Hazard, Per Head, Complete Wet-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads.	666.78	
		For Copper Pipe, Add	*81.01*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-114.35*	
		For Up To 5, Add	*304.73*	
		For >5 To 10, Add	*190.39*	
		For >10 To 20, Add	*123.71*	
		For >20 To 40, Add	*52.35*	
		For >100 To 150, Deduct	*-66.68*	
		For >150, Deduct	*-133.36*	
21 13 13 00-0007	EA	Concealed Piping, Ordinary Hazard, Per Head, Complete Wet-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	866.52	
		For Copper Pipe, Add	*102.02*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-145.34*	
		For Up To 5, Add	*402.53*	
		For >5 To 10, Add	*257.19*	
		For >10 To 20, Add	*170.54*	
		For >20 To 40, Add	*71.29*	
		For >100 To 150, Deduct	*-86.65*	
		For >150, Deduct	*-173.30*	
		For Work In Restricted Working Space, Add	*167.77*	

21 13 13 00-0008 Extra Hazard, Complete Wet-Pipe Sprinkler System Assemblies *(21 13 13 00-0001)*

21 13 13 00-0009	EA	Exposed Piping, Extra Hazard, Per Head, Complete Wet-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads.	616.54	
		For Copper Pipe, Add	*74.78*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-105.60*	
		For Up To 5, Add	*282.03*	
		For >5 To 10, Add	*176.42*	
		For >10 To 20, Add	*114.77*	
		For >20 To 40, Add	*48.53*	
		For >100 To 150, Deduct	*-61.65*	
		For >150, Deduct	*-123.31*	
21 13 13 00-0010	EA	Concealed Piping, Extra Hazard, Per Head, Complete Wet-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	802.86	
		For Copper Pipe, Add	*94.38*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-134.52*	
		For Up To 5, Add	*373.24*	
		For >5 To 10, Add	*238.72*	
		For >10 To 20, Add	*158.43*	
		For >20 To 40, Add	*66.19*	
		For >100 To 150, Deduct	*-80.29*	
		For >150, Deduct	*-160.57*	
		For Work In Restricted Working Space, Add	*156.29*	

21 13 13 00-0011 Wet Pipe Sprinkler Components *(21 13 13)*

Note: Excludes hydraulic calculations.

21 13 13 00-0012 Wet Pipe Alarm Check Valves *(21 13 13 00-0011)*

Note: Excludes trim package See CSI section 21 13 13 00-0018 for Wet Pipe Valve Trim.

21 13 13 00-0013	EA	2-1/2" Diameter, Wet Pipe Alarm Check Valve	2,062.30	152.18
21 13 13 00-0014	EA	3" Diameter, Wet Pipe Alarm Check Valve	2,106.57	174.31
21 13 13 00-0015	EA	4" Diameter, Wet Pipe Alarm Check Valve	2,350.06	296.06
21 13 13 00-0016	EA	6" Diameter, Wet Pipe Alarm Check Valve	2,262.54	373.53
21 13 13 00-0017	EA	8" Diameter, Wet Pipe Alarm Check Valve	4,055.11	473.13

21 13 13 00-0018 Wet Pipe Valve Trim *(21 13 13 00-0011)*

Note: Vertical or Horizontal, closed drain, basic galvanized trim assembly package. Includes gauges, pressure switch, relief valve, drain line, and retard chamber.

21 13 13 00-0019	EA	2-1/2" Diameter, Wet Pipe Valve Trim	1,228.57	322.06
21 13 13 00-0020	EA	3" Diameter, Wet Pipe Valve Trim	1,285.07	322.06
21 13 13 00-0021	EA	4" Diameter, Wet Pipe Valve Trim	1,586.32	441.59
21 13 13 00-0022	EA	6" Diameter, Wet Pipe Valve Trim	1,930.56	614.24
21 13 13 00-0023	EA	8" Diameter, Wet Pipe Valve Trim	2,174.05	760.33

21 13 13 00-0024 Wet Pipe Sprinkler Heads *(21 13 13 00-0011)*

21 13 13 00-0025 Upright Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*

21 13 13 00-0026	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Upright Brass Wet Pipe Sprinkler Head	98.95	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-7.65*	
		For >100 To 500, Deduct	*-13.72*	
		For >500 To 1,000, Deduct	*-26.99*	
		For >1,000, Deduct	*-37.80*	
21 13 13 00-0027	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Upright Chrome Wet Pipe Sprinkler Head	103.53	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-7.88*	
		For >100 To 500, Deduct	*-14.29*	
		For >500 To 1,000, Deduct	*-27.82*	
		For >1,000, Deduct	*-38.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0028	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Upright White Polyester Coated Wet Pipe Sprinkler Head	106.44	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.02*	
		For >100 To 500, Deduct	*-14.66*	
		For >500 To 1,000, Deduct	*-28.34*	
		For >1,000, Deduct	*-39.15*	
21 13 13 00-0029	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright Brass Wet Pipe Sprinkler Head	101.24	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-7.76*	
		For >100 To 500, Deduct	*-14.01*	
		For >500 To 1,000, Deduct	*-27.41*	
		For >1,000, Deduct	*-38.21*	
21 13 13 00-0030	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright Chrome Wet Pipe Sprinkler Head	106.00	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.00*	
		For >100 To 500, Deduct	*-14.60*	
		For >500 To 1,000, Deduct	*-28.26*	
		For >1,000, Deduct	*-39.07*	
21 13 13 00-0031	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright White Polyester Coated Wet Pipe Sprinkler Head	109.04	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.15*	
		For >100 To 500, Deduct	*-14.98*	
		For >500 To 1,000, Deduct	*-28.81*	
		For >1,000, Deduct	*-39.61*	
21 13 13 00-0032	EA	1/2" Diameter NPT Thread, 3/8" Orifice, Quick Response, Upright Brass Wet Pipe Sprinkler Head	131.20	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-9.26*	
		For >100 To 500, Deduct	*-17.75*	
		For >500 To 1,000, Deduct	*-32.80*	
		For >1,000, Deduct	*-43.60*	
21 13 13 00-0033	EA	1/2" Diameter NPT Thread, 3/8" Orifice, Quick Response, Upright Chrome Wet Pipe Sprinkler Head	143.47	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-9.87*	
		For >100 To 500, Deduct	*-19.28*	
		For >500 To 1,000, Deduct	*-35.01*	
		For >1,000, Deduct	*-45.81*	
21 13 13 00-0034	EA	1/2" Diameter NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Upright Brass Wet Pipe Sprinkler Head	131.20	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-9.26*	
		For >100 To 500, Deduct	*-17.75*	
		For >500 To 1,000, Deduct	*-32.80*	
		For >1,000, Deduct	*-43.60*	
21 13 13 00-0035	EA	1/2" Diameter NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Upright Chrome Wet Pipe Sprinkler Head	143.47	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-9.87*	
		For >100 To 500, Deduct	*-19.28*	
		For >500 To 1,000, Deduct	*-35.01*	
		For >1,000, Deduct	*-45.81*	
21 13 13 00-0036	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Upright Brass Wet Pipe Sprinkler Head	115.33	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.47*	
		For >100 To 500, Deduct	*-15.77*	
		For >500 To 1,000, Deduct	*-29.94*	
		For >1,000, Deduct	*-40.75*	
21 13 13 00-0037	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Upright Chrome Wet Pipe Sprinkler Head	121.32	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.77*	
		For >100 To 500, Deduct	*-16.52*	
		For >500 To 1,000, Deduct	*-31.02*	
		For >1,000, Deduct	*-41.83*	
21 13 13 00-0038	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright Brass Wet Pipe Sprinkler Head	114.66	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-8.73*	
		For >100 To 500, Deduct	*-15.83*	
		For >500 To 1,000, Deduct	*-30.84*	
		For >1,000, Deduct	*-42.85*	
21 13 13 00-0039	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright Chrome Wet Pipe Sprinkler Head	121.66	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-9.08*	
		For >100 To 500, Deduct	*-16.71*	
		For >500 To 1,000, Deduct	*-32.10*	
		For >1,000, Deduct	*-44.11*	
21 13 13 00-0040	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright White Polyester Coated Wet Pipe Sprinkler Head	123.08	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-9.16*	
		For >100 To 500, Deduct	*-16.89*	
		For >500 To 1,000, Deduct	*-32.36*	
		For >1,000, Deduct	*-44.36*	
21 13 13 00-0041	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright Brass Wet Pipe Sprinkler Head	114.66	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-8.73*	
		For >100 To 500, Deduct	*-15.83*	
		For >500 To 1,000, Deduct	*-30.84*	
		For >1,000, Deduct	*-42.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0042	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright Chrome Wet Pipe Sprinkler Head	121.66	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-9.08*	
		For >100 To 500, Deduct	*-16.71*	
		For >500 To 1,000, Deduct	*-32.10*	
		For >1,000, Deduct	*-44.11*	
21 13 13 00-0043	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright White Polyester Coated Wet Pipe Sprinkler Head	123.08	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-9.16*	
		For >100 To 500, Deduct	*-16.89*	
		For >500 To 1,000, Deduct	*-32.36*	
		For >1,000, Deduct	*-44.36*	
21 13 13 00-0044	EA	1/2" Diameter NPT Thread, 3/8" Orifice, K=2.8, Upright Brass Wet Pipe Sprinkler Head	112.17	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.31*	
		For >100 To 500, Deduct	*-15.37*	
		For >500 To 1,000, Deduct	*-29.37*	
		For >1,000, Deduct	*-40.18*	
21 13 13 00-0045	EA	1/2" Diameter NPT Thread, 3/8" Orifice, K=2.8, Upright Chrome Wet Pipe Sprinkler Head	116.74	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.54*	
		For >100 To 500, Deduct	*-15.94*	
		For >500 To 1,000, Deduct	*-30.20*	
		For >1,000, Deduct	*-41.00*	
21 13 13 00-0046	EA	1/2" Diameter NPT Thread, 3/8" Orifice, K=2.8, Upright White Polyester Coated Wet Pipe Sprinkler Head	117.63	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.58*	
		For >100 To 500, Deduct	*-16.05*	
		For >500 To 1,000, Deduct	*-30.36*	
		For >1,000, Deduct	*-41.16*	
21 13 13 00-0047	EA	1/2" Diameter NPT Thread, 7/16" Orifice, K=4.2, Upright Brass Wet Pipe Sprinkler Head	112.17	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.31*	
		For >100 To 500, Deduct	*-15.37*	
		For >500 To 1,000, Deduct	*-29.37*	
		For >1,000, Deduct	*-40.18*	
21 13 13 00-0048	EA	1/2" Diameter NPT Thread, 7/16" Orifice, K=4.2, Upright Chrome Wet Pipe Sprinkler Head	116.74	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.54*	
		For >100 To 500, Deduct	*-15.94*	
		For >500 To 1,000, Deduct	*-30.20*	
		For >1,000, Deduct	*-41.00*	
21 13 13 00-0049	EA	1/2" Diameter NPT Thread, 7/16" Orifice, K=4.2, Upright White Polyester Coated Wet Pipe Sprinkler Head	117.63	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.58*	
		For >100 To 500, Deduct	*-16.05*	
		For >500 To 1,000, Deduct	*-30.36*	
		For >1,000, Deduct	*-41.16*	
21 13 13 00-0050	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Combustible Concealed Space, Upright Brass Wet Pipe Sprinkler Head	117.61	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.58*	
		For >100 To 500, Deduct	*-16.05*	
		For >500 To 1,000, Deduct	*-30.35*	
		For >1,000, Deduct	*-41.16*	
21 13 13 00-0051	EA	3/4" Diameter NPT Thread, K=14.0, Extended Coverage, Upright Brass Wet Pipe Sprinkler Head	163.74	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-11.19*	
		For >100 To 500, Deduct	*-21.97*	
		For >500 To 1,000, Deduct	*-39.68*	
		For >1,000, Deduct	*-51.68*	
21 13 13 00-0052	EA	3/4" Diameter NPT Thread, K=14.0, Extended Coverage, Upright Chrome Wet Pipe Sprinkler Head	169.00	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-11.45*	
		For >100 To 500, Deduct	*-22.63*	
		For >500 To 1,000, Deduct	*-40.62*	
		For >1,000, Deduct	*-52.63*	
21 13 13 00-0053	EA	3/4" Diameter NPT Thread, K=14.0, Extended Coverage, Upright White Polyester Coated Wet Pipe Sprinkler Head	169.00	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-11.45*	
		For >100 To 500, Deduct	*-22.63*	
		For >500 To 1,000, Deduct	*-40.62*	
		For >1,000, Deduct	*-52.63*	
21 13 13 00-0054	EA	3/4" Diameter NPT Thread, K=11.2, Extended Coverage, Upright Brass Wet Pipe Sprinkler Head	128.24	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-9.41*	
		For >100 To 500, Deduct	*-17.53*	
		For >500 To 1,000, Deduct	*-33.29*	
		For >1,000, Deduct	*-45.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0055	EA	3/4" Diameter NPT Thread, K=11.2, Extended Coverage, Upright Chrome Wet Pipe Sprinkler Head	131.84	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-9.59*	
		For >100 To 500, Deduct	*-17.98*	
		For >500 To 1,000, Deduct	*-33.93*	
		For >1,000, Deduct	*-45.94*	
21 13 13 00-0056	EA	3/4" Diameter NPT Thread, K=11.2, Extended Coverage, Upright White Polyester Coated Wet Pipe Sprinkler Head	131.84	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-9.59*	
		For >100 To 500, Deduct	*-17.98*	
		For >500 To 1,000, Deduct	*-33.93*	
		For >1,000, Deduct	*-45.94*	
21 13 13 00-0057	EA	1/2" Diameter NPT Thread, K=5.6, Quick Response, Upright Stainless Steel Wet Pipe Sprinkler Head	428.95	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-24.15*	
		For >100 To 500, Deduct	*-54.97*	
		For >500 To 1,000, Deduct	*-86.39*	
		For >1,000, Deduct	*-97.20*	
21 13 13 00-0058	EA	3/4" Diameter NPT Thread, K=8.0, Quick Response, Upright Stainless Steel Wet Pipe Sprinkler Head	472.11	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-26.61*	
		For >100 To 500, Deduct	*-60.51*	
		For >500 To 1,000, Deduct	*-95.18*	
		For >1,000, Deduct	*-107.19*	
21 13 13 00-0059	EA	1/2" Diameter NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Upright Brass Wet Pipe Sprinkler Head	218.19	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-13.61*	
		For >100 To 500, Deduct	*-28.62*	
		For >500 To 1,000, Deduct	*-48.46*	
		For >1,000, Deduct	*-59.26*	
21 13 13 00-0060	EA	1/2" Diameter NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Upright Chrome Wet Pipe Sprinkler Head	273.10	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-16.36*	
		For >100 To 500, Deduct	*-35.49*	
		For >500 To 1,000, Deduct	*-58.34*	
		For >1,000, Deduct	*-69.15*	
21 13 13 00-0061	EA	1/2" Diameter NPT Thread, K=5.6, High Temperature (650 Degree), Upright Brass Wet Pipe Sprinkler Head	502.72	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-27.84*	
		For >100 To 500, Deduct	*-64.19*	
		For >500 To 1,000, Deduct	*-99.67*	
		For >1,000, Deduct	*-110.48*	
21 13 13 00-0062	EA	1/2" Diameter NPT Thread, K=5.6, High Temperature (650 Degree), Upright Chrome Wet Pipe Sprinkler Head	645.81	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-34.99*	
		For >100 To 500, Deduct	*-82.08*	
		For >500 To 1,000, Deduct	*-125.43*	
		For >1,000, Deduct	*-136.23*	
21 13 13 00-0063	EA	3/4" Diameter NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Upright Brass Wet Pipe Sprinkler Head	279.10	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-16.96*	
		For >100 To 500, Deduct	*-36.39*	
		For >500 To 1,000, Deduct	*-60.44*	
		For >1,000, Deduct	*-72.45*	
21 13 13 00-0064	EA	3/4" Diameter NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Upright Chrome Wet Pipe Sprinkler Head	280.76	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-17.04*	
		For >100 To 500, Deduct	*-36.60*	
		For >500 To 1,000, Deduct	*-60.74*	
		For >1,000, Deduct	*-72.74*	

21 13 13 00-0065 Conventional Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*

21 13 13 00-0066	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Conventional Brass Wet Pipe Sprinkler Head	98.95	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-7.65*	
		For >100 To 500, Deduct	*-13.72*	
		For >500 To 1,000, Deduct	*-26.99*	
		For >1,000, Deduct	*-37.80*	
21 13 13 00-0067	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Conventional Chrome Wet Pipe Sprinkler Head	103.53	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-7.88*	
		For >100 To 500, Deduct	*-14.29*	
		For >500 To 1,000, Deduct	*-27.82*	
		For >1,000, Deduct	*-38.62*	
21 13 13 00-0068	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Conventional White Polyester Coated Wet Pipe Sprinkler Head	106.44	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.02*	
		For >100 To 500, Deduct	*-14.66*	
		For >500 To 1,000, Deduct	*-28.34*	
		For >1,000, Deduct	*-39.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0069	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional Brass Wet Pipe Sprinkler Head	116.29	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-8.82*	
		For >100 To 500, Deduct	*-16.04*	
		For >500 To 1,000, Deduct	*-31.14*	
		For >1,000, Deduct	*-43.14*	
21 13 13 00-0070	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional Chrome Wet Pipe Sprinkler Head	121.66	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-9.08*	
		For >100 To 500, Deduct	*-16.71*	
		For >500 To 1,000, Deduct	*-32.10*	
		For >1,000, Deduct	*-44.11*	
21 13 13 00-0071	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional White Polyester Coated Wet Pipe Sprinkler Head	122.49	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-9.13*	
		For >100 To 500, Deduct	*-16.81*	
		For >500 To 1,000, Deduct	*-32.25*	
		For >1,000, Deduct	*-44.26*	
21 13 13 00-0072	EA	1/2" Diameter NPT Thread, K=5.6, Quick Response, Conventional Stainless Steel Wet Pipe Sprinkler Head	428.95	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-24.15*	
		For >100 To 500, Deduct	*-54.97*	
		For >500 To 1,000, Deduct	*-86.39*	
		For >1,000, Deduct	*-97.20*	

21 13 13 00-0073 Pendant Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*

See CSI section 21 13 13 00-0209 for escutcheon for recessed pendent sprinkler head.

21 13 13 00-0074	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Pendent Brass Wet Pipe Sprinkler Head	98.95	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-7.65*	
		For >100 To 500, Deduct	*-13.72*	
		For >500 To 1,000, Deduct	*-26.99*	
		For >1,000, Deduct	*-37.80*	
21 13 13 00-0075	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Pendent Chrome Wet Pipe Sprinkler Head	103.53	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-7.88*	
		For >100 To 500, Deduct	*-14.29*	
		For >500 To 1,000, Deduct	*-27.82*	
		For >1,000, Deduct	*-38.62*	
21 13 13 00-0076	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Pendent White Polyester Coated Wet Pipe Sprinkler Head	106.44	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.02*	
		For >100 To 500, Deduct	*-14.66*	
		For >500 To 1,000, Deduct	*-28.34*	
		For >1,000, Deduct	*-39.15*	
21 13 13 00-0077	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	114.66	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-8.73*	
		For >100 To 500, Deduct	*-15.83*	
		For >500 To 1,000, Deduct	*-30.84*	
		For >1,000, Deduct	*-42.85*	
21 13 13 00-0078	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head	121.66	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-9.08*	
		For >100 To 500, Deduct	*-16.71*	
		For >500 To 1,000, Deduct	*-32.10*	
		For >1,000, Deduct	*-44.11*	
21 13 13 00-0079	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendent White Polyester Coated Wet Pipe Sprinkler Head	123.08	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-9.16*	
		For >100 To 500, Deduct	*-16.89*	
		For >500 To 1,000, Deduct	*-32.36*	
		For >1,000, Deduct	*-44.36*	
21 13 13 00-0080	EA	1/2" Diameter NPT Thread, 3/8" Orifice, K=2.8, Pendent Brass Wet Pipe Sprinkler Head	112.17	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.31*	
		For >100 To 500, Deduct	*-15.37*	
		For >500 To 1,000, Deduct	*-29.37*	
		For >1,000, Deduct	*-40.18*	
21 13 13 00-0081	EA	1/2" Diameter NPT Thread, 3/8" Orifice, K=2.8, Pendent Chrome Wet Pipe Sprinkler Head	116.74	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.54*	
		For >100 To 500, Deduct	*-15.94*	
		For >500 To 1,000, Deduct	*-30.20*	
		For >1,000, Deduct	*-41.00*	
21 13 13 00-0082	EA	1/2" Diameter NPT Thread, 3/8" Orifice, K=2.8, Pendent White Polyester Coated Wet Pipe Sprinkler Head	117.63	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.58*	
		For >100 To 500, Deduct	*-16.05*	
		For >500 To 1,000, Deduct	*-30.36*	
		For >1,000, Deduct	*-41.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0083	EA	1/2" Diameter NPT Thread, 7/16" Orifice, K=4.2, Pendent Brass Wet Pipe Sprinkler Head	112.17	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.31*	
		For >100 To 500, Deduct	*-15.37*	
		For >500 To 1,000, Deduct	*-29.37*	
		For >1,000, Deduct	*-40.18*	
21 13 13 00-0084	EA	1/2" Diameter NPT Thread, 7/16" Orifice, K=4.2, Pendent Chrome Wet Pipe Sprinkler Head	116.74	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.54*	
		For >100 To 500, Deduct	*-15.94*	
		For >500 To 1,000, Deduct	*-30.20*	
		For >1,000, Deduct	*-41.00*	
21 13 13 00-0085	EA	1/2" Diameter NPT Thread, 7/16" Orifice, K=4.2, Pendent White Polyester Coated Wet Pipe Sprinkler Head	117.63	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.58*	
		For >100 To 500, Deduct	*-16.05*	
		For >500 To 1,000, Deduct	*-30.36*	
		For >1,000, Deduct	*-41.16*	
21 13 13 00-0086	EA	1/2" Diameter NPT Thread, 7/16" Orifice, K=4.2, Pendent Brass Wet Pipe Sprinkler Head, Low Lead	112.17	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.31*	
		For >100 To 500, Deduct	*-15.37*	
		For >500 To 1,000, Deduct	*-29.37*	
		For >1,000, Deduct	*-40.18*	
21 13 13 00-0087	EA	1/2" Diameter NPT Thread, 7/16" Orifice, K=4.2, Pendent Chrome Wet Pipe Sprinkler Head, Low Lead	116.74	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.54*	
		For >100 To 500, Deduct	*-15.94*	
		For >500 To 1,000, Deduct	*-30.20*	
		For >1,000, Deduct	*-41.00*	
21 13 13 00-0088	EA	1/2" Diameter NPT Thread, 7/16" Orifice, K=4.2, Pendent White Polyester Coated Wet Pipe Sprinkler Head, Low Lead	117.63	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.58*	
		For >100 To 500, Deduct	*-16.05*	
		For >500 To 1,000, Deduct	*-30.36*	
		For >1,000, Deduct	*-41.16*	
21 13 13 00-0089	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Pendent Brass Wet Pipe Sprinkler Head, Low Lead	98.95	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-7.65*	
		For >100 To 500, Deduct	*-13.72*	
		For >500 To 1,000, Deduct	*-26.99*	
		For >1,000, Deduct	*-37.80*	
21 13 13 00-0090	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Pendent Chrome Wet Pipe Sprinkler Head, Low Lead	103.53	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-7.88*	
		For >100 To 500, Deduct	*-14.29*	
		For >500 To 1,000, Deduct	*-27.82*	
		For >1,000, Deduct	*-38.62*	
21 13 13 00-0091	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Pendent White Polyester Coated Wet Pipe Sprinkler Head, Low Lead	106.44	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.02*	
		For >100 To 500, Deduct	*-14.66*	
		For >500 To 1,000, Deduct	*-28.34*	
		For >1,000, Deduct	*-39.15*	
21 13 13 00-0092	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent Brass Wet Pipe Sprinkler Head	101.25	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-7.76*	
		For >100 To 500, Deduct	*-14.01*	
		For >500 To 1,000, Deduct	*-27.41*	
		For >1,000, Deduct	*-38.21*	
21 13 13 00-0093	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent Chrome Wet Pipe Sprinkler Head	104.49	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-7.93*	
		For >100 To 500, Deduct	*-14.41*	
		For >500 To 1,000, Deduct	*-27.99*	
		For >1,000, Deduct	*-38.80*	
21 13 13 00-0094	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent White Polyester Coated Wet Pipe Sprinkler Head	107.44	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.07*	
		For >100 To 500, Deduct	*-14.78*	
		For >500 To 1,000, Deduct	*-28.52*	
		For >1,000, Deduct	*-39.33*	
21 13 13 00-0095	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent Brass Wet Pipe Sprinkler Head	118.99	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-8.95*	
		For >100 To 500, Deduct	*-16.37*	
		For >500 To 1,000, Deduct	*-31.62*	
		For >1,000, Deduct	*-43.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0096	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent Chrome Wet Pipe Sprinkler Head	124.92	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-9.25*	
		For >100 To 500, Deduct	*-17.12*	
		For >500 To 1,000, Deduct	*-32.69*	
		For >1,000, Deduct	*-44.69*	
21 13 13 00-0097	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent White Polyester Coated Wet Pipe Sprinkler Head	124.92	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-9.25*	
		For >100 To 500, Deduct	*-17.12*	
		For >500 To 1,000, Deduct	*-32.69*	
		For >1,000, Deduct	*-44.69*	
21 13 13 00-0098	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	115.33	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.47*	
		For >100 To 500, Deduct	*-15.77*	
		For >500 To 1,000, Deduct	*-29.94*	
		For >1,000, Deduct	*-40.75*	
21 13 13 00-0099	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head	121.32	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.77*	
		For >100 To 500, Deduct	*-16.52*	
		For >500 To 1,000, Deduct	*-31.02*	
		For >1,000, Deduct	*-41.83*	
21 13 13 00-0100	EA	1/2" Diameter NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	130.29	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-9.22*	
		For >100 To 500, Deduct	*-17.64*	
		For >500 To 1,000, Deduct	*-32.64*	
		For >1,000, Deduct	*-43.44*	
21 13 13 00-0101	EA	1/2" Diameter NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head	140.11	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-9.71*	
		For >100 To 500, Deduct	*-18.86*	
		For >500 To 1,000, Deduct	*-34.40*	
		For >1,000, Deduct	*-45.21*	
21 13 13 00-0102	EA	1/2" Diameter NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	130.29	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-9.22*	
		For >100 To 500, Deduct	*-17.64*	
		For >500 To 1,000, Deduct	*-32.64*	
		For >1,000, Deduct	*-43.44*	
21 13 13 00-0103	EA	1/2" Diameter NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head	140.11	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-9.71*	
		For >100 To 500, Deduct	*-18.86*	
		For >500 To 1,000, Deduct	*-34.40*	
		For >1,000, Deduct	*-45.21*	
21 13 13 00-0104	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	107.59	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.08*	
		For >100 To 500, Deduct	*-14.80*	
		For >500 To 1,000, Deduct	*-28.55*	
		For >1,000, Deduct	*-39.35*	
21 13 13 00-0105	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	112.73	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.34*	
		For >100 To 500, Deduct	*-15.44*	
		For >500 To 1,000, Deduct	*-29.47*	
		For >1,000, Deduct	*-40.28*	
21 13 13 00-0106	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	115.43	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.47*	
		For >100 To 500, Deduct	*-15.78*	
		For >500 To 1,000, Deduct	*-29.96*	
		For >1,000, Deduct	*-40.76*	
21 13 13 00-0107	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	116.84	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-8.84*	
		For >100 To 500, Deduct	*-16.11*	
		For >500 To 1,000, Deduct	*-31.23*	
		For >1,000, Deduct	*-43.24*	
21 13 13 00-0108	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	121.92	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-9.10*	
		For >100 To 500, Deduct	*-16.74*	
		For >500 To 1,000, Deduct	*-32.15*	
		For >1,000, Deduct	*-44.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0109	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	126.84	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-9.34*	
		For >100 To 500, Deduct	*-17.36*	
		For >500 To 1,000, Deduct	*-33.03*	
		For >1,000, Deduct	*-45.04*	
21 13 13 00-0110	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	110.49	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.23*	
		For >100 To 500, Deduct	*-15.16*	
		For >500 To 1,000, Deduct	*-29.07*	
		For >1,000, Deduct	*-39.88*	
21 13 13 00-0111	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	115.54	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.48*	
		For >100 To 500, Deduct	*-15.79*	
		For >500 To 1,000, Deduct	*-29.98*	
		For >1,000, Deduct	*-40.78*	
21 13 13 00-0112	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	118.29	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.62*	
		For >100 To 500, Deduct	*-16.14*	
		For >500 To 1,000, Deduct	*-30.48*	
		For >1,000, Deduct	*-41.28*	
21 13 13 00-0113	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	118.99	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-8.95*	
		For >100 To 500, Deduct	*-16.37*	
		For >500 To 1,000, Deduct	*-31.62*	
		For >1,000, Deduct	*-43.63*	
21 13 13 00-0114	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	124.29	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-9.22*	
		For >100 To 500, Deduct	*-17.04*	
		For >500 To 1,000, Deduct	*-32.58*	
		For >1,000, Deduct	*-44.58*	
21 13 13 00-0115	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	129.40	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-9.47*	
		For >100 To 500, Deduct	*-17.68*	
		For >500 To 1,000, Deduct	*-33.50*	
		For >1,000, Deduct	*-45.50*	
21 13 13 00-0116	EA	1/2" Diameter NPT Thread, 1/2" Orifice, Decorative Pendent Chrome Wet Pipe Sprinkler Head	190.71	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-12.24*	
		For >100 To 500, Deduct	*-25.19*	
		For >500 To 1,000, Deduct	*-43.51*	
		For >1,000, Deduct	*-54.32*	
21 13 13 00-0117	EA	1/2" Diameter NPT Thread, 1/2" Orifice, Decorative Pendent White Polyester Coated Wet Pipe Sprinkler Head	190.71	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-12.24*	
		For >100 To 500, Deduct	*-25.19*	
		For >500 To 1,000, Deduct	*-43.51*	
		For >1,000, Deduct	*-54.32*	
21 13 13 00-0118	EA	3/4" Diameter NPT Thread, K=14.0, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	133.51	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-9.68*	
		For >100 To 500, Deduct	*-18.19*	
		For >500 To 1,000, Deduct	*-34.24*	
		For >1,000, Deduct	*-46.24*	
21 13 13 00-0119	EA	3/4" Diameter NPT Thread, K=14.0, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	137.39	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-9.87*	
		For >100 To 500, Deduct	*-18.67*	
		For >500 To 1,000, Deduct	*-34.93*	
		For >1,000, Deduct	*-46.94*	
21 13 13 00-0120	EA	3/4" Diameter NPT Thread, K=14.0, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	137.39	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-9.87*	
		For >100 To 500, Deduct	*-18.67*	
		For >500 To 1,000, Deduct	*-34.93*	
		For >1,000, Deduct	*-46.94*	
21 13 13 00-0121	EA	3/4" Diameter NPT Thread, K=11.2, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	128.24	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-9.41*	
		For >100 To 500, Deduct	*-17.53*	
		For >500 To 1,000, Deduct	*-33.29*	
		For >1,000, Deduct	*-45.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0122	EA	3/4" Diameter NPT Thread, K=11.2, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	131.84	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-9.59*	
		For >100 To 500, Deduct	*-17.98*	
		For >500 To 1,000, Deduct	*-33.93*	
		For >1,000, Deduct	*-45.94*	
21 13 13 00-0123	EA	3/4" Diameter NPT Thread, K=11.2, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	131.84	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-9.59*	
		For >100 To 500, Deduct	*-17.98*	
		For >500 To 1,000, Deduct	*-33.93*	
		For >1,000, Deduct	*-45.94*	
21 13 13 00-0124	EA	1/2" Diameter NPT Thread, K=5.6, Quick Response, Pendent Stainless Steel Wet Pipe Sprinkler Head	428.95	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-24.15*	
		For >100 To 500, Deduct	*-54.97*	
		For >500 To 1,000, Deduct	*-86.39*	
		For >1,000, Deduct	*-97.20*	
21 13 13 00-0125	EA	3/4" Diameter NPT Thread, K=8.0, Quick Response, Pendent Stainless Steel Wet Pipe Sprinkler Head	472.11	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-26.61*	
		For >100 To 500, Deduct	*-60.51*	
		For >500 To 1,000, Deduct	*-95.18*	
		For >1,000, Deduct	*-107.19*	
21 13 13 00-0126	EA	1/2" Diameter NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Pendent Brass Wet Pipe Sprinkler Head	218.19	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-13.61*	
		For >100 To 500, Deduct	*-28.62*	
		For >500 To 1,000, Deduct	*-48.46*	
		For >1,000, Deduct	*-59.26*	
21 13 13 00-0127	EA	1/2" Diameter NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Pendent Chrome Wet Pipe Sprinkler Head	273.10	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-16.36*	
		For >100 To 500, Deduct	*-35.49*	
		For >500 To 1,000, Deduct	*-58.34*	
		For >1,000, Deduct	*-69.15*	
21 13 13 00-0128	EA	1/2" Diameter NPT Thread, K=5.6, High Temperature (650 Degree), Pendent Brass Wet Pipe Sprinkler Head	502.72	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-27.84*	
		For >100 To 500, Deduct	*-64.19*	
		For >500 To 1,000, Deduct	*-99.67*	
		For >1,000, Deduct	*-110.48*	
21 13 13 00-0129	EA	1/2" Diameter NPT Thread, K=5.6, High Temperature (650 Degree), Pendent Chrome Wet Pipe Sprinkler Head	645.81	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-34.99*	
		For >100 To 500, Deduct	*-82.08*	
		For >500 To 1,000, Deduct	*-125.43*	
		For >1,000, Deduct	*-136.23*	
21 13 13 00-0130	EA	3/4" Diameter NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Pendent Brass Wet Pipe Sprinkler Head	279.10	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-16.96*	
		For >100 To 500, Deduct	*-36.39*	
		For >500 To 1,000, Deduct	*-60.44*	
		For >1,000, Deduct	*-72.45*	
21 13 13 00-0131	EA	3/4" Diameter NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Pendent Chrome Wet Pipe Sprinkler Head	280.76	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-17.04*	
		For >100 To 500, Deduct	*-36.60*	
		For >500 To 1,000, Deduct	*-60.74*	
		For >1,000, Deduct	*-72.74*	

21 13 13 00-0132 Sidewall Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*

21 13 13 00-0133 Horizontal Sidewall Wet-Pipe Sprinkler Heads *(21 13 13 00-0132)*

21 13 13 00-0134	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	105.79	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-7.99*	
		For >100 To 500, Deduct	*-14.57*	
		For >500 To 1,000, Deduct	*-28.23*	
		For >1,000, Deduct	*-39.03*	
21 13 13 00-0135	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	109.46	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.17*	
		For >100 To 500, Deduct	*-15.03*	
		For >500 To 1,000, Deduct	*-28.89*	
		For >1,000, Deduct	*-39.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0136	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall White Polyester Coated Wet Pipe Sprinkler Head	115.25	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.46*	
		For >100 To 500, Deduct	*-15.76*	
		For >500 To 1,000, Deduct	*-29.93*	
		For >1,000, Deduct	*-40.73*	
21 13 13 00-0137	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	107.86	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.09*	
		For >100 To 500, Deduct	*-14.83*	
		For >500 To 1,000, Deduct	*-28.60*	
		For >1,000, Deduct	*-39.40*	
21 13 13 00-0138	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	111.59	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.28*	
		For >100 To 500, Deduct	*-15.30*	
		For >500 To 1,000, Deduct	*-29.27*	
		For >1,000, Deduct	*-40.07*	
21 13 13 00-0139	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall White Wet Pipe Sprinkler Head	117.50	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.58*	
		For >100 To 500, Deduct	*-16.04*	
		For >500 To 1,000, Deduct	*-30.33*	
		For >1,000, Deduct	*-41.14*	
21 13 13 00-0140	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	121.32	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.77*	
		For >100 To 500, Deduct	*-16.52*	
		For >500 To 1,000, Deduct	*-31.02*	
		For >1,000, Deduct	*-41.83*	
21 13 13 00-0141	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	127.29	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-9.07*	
		For >100 To 500, Deduct	*-17.26*	
		For >500 To 1,000, Deduct	*-32.10*	
		For >1,000, Deduct	*-42.90*	
21 13 13 00-0142	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	130.35	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-9.52*	
		For >100 To 500, Deduct	*-17.79*	
		For >500 To 1,000, Deduct	*-33.67*	
		For >1,000, Deduct	*-45.67*	
21 13 13 00-0143	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	139.29	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-9.97*	
		For >100 To 500, Deduct	*-18.91*	
		For >500 To 1,000, Deduct	*-35.28*	
		For >1,000, Deduct	*-47.28*	
21 13 13 00-0144	EA	1/2" Diameter NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	134.19	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-9.41*	
		For >100 To 500, Deduct	*-18.12*	
		For >500 To 1,000, Deduct	*-33.34*	
		For >1,000, Deduct	*-44.14*	
21 13 13 00-0145	EA	1/2" Diameter NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	140.11	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-9.71*	
		For >100 To 500, Deduct	*-18.86*	
		For >500 To 1,000, Deduct	*-34.40*	
		For >1,000, Deduct	*-45.21*	
21 13 13 00-0146	EA	1/2" Diameter NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	134.19	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-9.41*	
		For >100 To 500, Deduct	*-18.12*	
		For >500 To 1,000, Deduct	*-33.34*	
		For >1,000, Deduct	*-44.14*	
21 13 13 00-0147	EA	1/2" Diameter NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	140.11	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-9.71*	
		For >100 To 500, Deduct	*-18.86*	
		For >500 To 1,000, Deduct	*-34.40*	
		For >1,000, Deduct	*-45.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0148	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	102.67	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-7.83*	
		For >100 To 500, Deduct	*-14.18*	
		For >500 To 1,000, Deduct	*-27.66*	
		For >1,000, Deduct	*-38.47*	
21 13 13 00-0149	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	105.70	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-7.99*	
		For >100 To 500, Deduct	*-14.56*	
		For >500 To 1,000, Deduct	*-28.21*	
		For >1,000, Deduct	*-39.01*	
21 13 13 00-0150	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head	109.47	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.17*	
		For >100 To 500, Deduct	*-15.03*	
		For >500 To 1,000, Deduct	*-28.89*	
		For >1,000, Deduct	*-39.69*	
21 13 13 00-0151	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	112.22	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-8.61*	
		For >100 To 500, Deduct	*-15.53*	
		For >500 To 1,000, Deduct	*-30.40*	
		For >1,000, Deduct	*-42.41*	
21 13 13 00-0152	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	115.47	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-8.77*	
		For >100 To 500, Deduct	*-15.93*	
		For >500 To 1,000, Deduct	*-30.99*	
		For >1,000, Deduct	*-42.99*	
21 13 13 00-0153	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head	118.98	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-8.95*	
		For >100 To 500, Deduct	*-16.37*	
		For >500 To 1,000, Deduct	*-31.62*	
		For >1,000, Deduct	*-43.62*	
21 13 13 00-0154	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	114.80	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-8.74*	
		For >100 To 500, Deduct	*-15.85*	
		For >500 To 1,000, Deduct	*-30.87*	
		For >1,000, Deduct	*-42.87*	
21 13 13 00-0155	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	118.17	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-8.91*	
		For >100 To 500, Deduct	*-16.27*	
		For >500 To 1,000, Deduct	*-31.47*	
		For >1,000, Deduct	*-43.48*	
21 13 13 00-0156	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head	121.82	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-9.09*	
		For >100 To 500, Deduct	*-16.73*	
		For >500 To 1,000, Deduct	*-32.13*	
		For >1,000, Deduct	*-44.14*	
21 13 13 00-0157	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	121.87	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-9.09*	
		For >100 To 500, Deduct	*-16.73*	
		For >500 To 1,000, Deduct	*-32.14*	
		For >1,000, Deduct	*-44.14*	
21 13 13 00-0158	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	126.85	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-9.34*	
		For >100 To 500, Deduct	*-17.36*	
		For >500 To 1,000, Deduct	*-33.04*	
		For >1,000, Deduct	*-45.04*	
21 13 13 00-0159	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head	126.85	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-9.34*	
		For >100 To 500, Deduct	*-17.36*	
		For >500 To 1,000, Deduct	*-33.04*	
		For >1,000, Deduct	*-45.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0160	EA	1/2" Diameter NPT Thread, 1/2" Orifice, Decorative Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	223.73	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-13.89*	
		For >100 To 500, Deduct	*-29.32*	
		For >500 To 1,000, Deduct	*-49.45*	
		For >1,000, Deduct	*-60.26*	
21 13 13 00-0161	EA	1/2" Diameter NPT Thread, 1/2" Orifice, Decorative Horizontal Sidewall White Wet Pipe Sprinkler Head	223.73	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-13.89*	
		For >100 To 500, Deduct	*-29.32*	
		For >500 To 1,000, Deduct	*-49.45*	
		For >1,000, Deduct	*-60.26*	
21 13 13 00-0162	EA	1/2" Diameter NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall Brass Wet Pipe Sprinkler Head	103.94	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-7.90*	
		For >100 To 500, Deduct	*-14.34*	
		For >500 To 1,000, Deduct	*-27.89*	
		For >1,000, Deduct	*-38.70*	
21 13 13 00-0163	EA	1/2" Diameter NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	103.94	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-7.90*	
		For >100 To 500, Deduct	*-14.34*	
		For >500 To 1,000, Deduct	*-27.89*	
		For >1,000, Deduct	*-38.70*	
21 13 13 00-0164	EA	1/2" Diameter NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall White Wet Pipe Sprinkler Head	103.94	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-7.90*	
		For >100 To 500, Deduct	*-14.34*	
		For >500 To 1,000, Deduct	*-27.89*	
		For >1,000, Deduct	*-38.70*	

21 13 13 00-0165 Vertical Sidewall Wet-Pipe Sprinkler Heads *(21 13 13 00-0132)*

21 13 13 00-0166	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall Brass Wet Pipe Sprinkler Head	110.55	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.23*	
		For >100 To 500, Deduct	*-15.17*	
		For >500 To 1,000, Deduct	*-29.08*	
		For >1,000, Deduct	*-39.89*	
21 13 13 00-0167	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall Chrome Wet Pipe Sprinkler Head	115.12	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.46*	
		For >100 To 500, Deduct	*-15.74*	
		For >500 To 1,000, Deduct	*-29.91*	
		For >1,000, Deduct	*-40.71*	
21 13 13 00-0168	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall White Wet Pipe Sprinkler Head	117.08	13.50
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-8.56*	
		For >100 To 500, Deduct	*-15.99*	
		For >500 To 1,000, Deduct	*-30.26*	
		For >1,000, Deduct	*-41.06*	

21 13 13 00-0169 Concealed Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*

21 13 13 00-0170 Concealed Pendant Wet-Pipe Sprinkler Heads *(21 13 13 00-0169)*

21 13 13 00-0171	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Brass Wet Pipe Sprinkler Head, Low Lead Note: Excludes cover plate	161.91	18.01
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-11.70*	
		For >100 To 500, Deduct	*-22.04*	
		For >500 To 1,000, Deduct	*-41.39*	
		For >1,000, Deduct	*-55.79*	
21 13 13 00-0172	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes cover plate	108.25	18.01
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-9.01*	
		For >100 To 500, Deduct	*-15.33*	
		For >500 To 1,000, Deduct	*-31.73*	
		For >1,000, Deduct	*-46.13*	
21 13 13 00-0173	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes cover plate	110.21	18.01
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-9.11*	
		For >100 To 500, Deduct	*-15.58*	
		For >500 To 1,000, Deduct	*-32.08*	
		For >1,000, Deduct	*-46.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0174	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Concealed Pendent Brass Wet Pipe Sprinkler Head	142.83	19.51
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-3.90*	
		For >50 To 100, Deduct	*-11.04*	
		For >100 To 500, Deduct	*-19.80*	
		For >500 To 1,000, Deduct	*-38.97*	
		For >1,000, Deduct	*-54.58*	
21 13 13 00-0175	EA	1/2" Diameter NPT Thread, 7/16" Orifice, K=4.2, Concealed Pendent Brass Wet Pipe Sprinkler Head	136.82	18.01
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-10.44*	
		For >100 To 500, Deduct	*-18.90*	
		For >500 To 1,000, Deduct	*-36.87*	
		For >1,000, Deduct	*-51.28*	
21 13 13 00-0176	EA	1/2" Diameter NPT Thread, 3/8" Orifice, K=2.8, Concealed Pendent Brass Wet Pipe Sprinkler Head	136.82	18.01
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-10.44*	
		For >100 To 500, Deduct	*-18.90*	
		For >500 To 1,000, Deduct	*-36.87*	
		For >1,000, Deduct	*-51.28*	
21 13 13 00-0177	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head	142.83	19.51
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-3.90*	
		For >50 To 100, Deduct	*-11.04*	
		For >100 To 500, Deduct	*-19.80*	
		For >500 To 1,000, Deduct	*-38.97*	
		For >1,000, Deduct	*-54.58*	
21 13 13 00-0178	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head	124.27	18.01
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-9.81*	
		For >100 To 500, Deduct	*-17.33*	
		For >500 To 1,000, Deduct	*-34.61*	
		For >1,000, Deduct	*-49.02*	
21 13 13 00-0179	EA	1/2" Diameter NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head	136.82	18.01
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-10.44*	
		For >100 To 500, Deduct	*-18.90*	
		For >500 To 1,000, Deduct	*-36.87*	
		For >1,000, Deduct	*-51.28*	
21 13 13 00-0180	EA	1/2" Diameter NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head	136.82	18.01
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-10.44*	
		For >100 To 500, Deduct	*-18.90*	
		For >500 To 1,000, Deduct	*-36.87*	
		For >1,000, Deduct	*-51.28*	
21 13 13 00-0181	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head	127.24	18.01
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-9.96*	
		For >100 To 500, Deduct	*-17.71*	
		For >500 To 1,000, Deduct	*-35.15*	
		For >1,000, Deduct	*-49.55*	
21 13 13 00-0182	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Adjustable Concealed Pendent Brass Wet Pipe Sprinkler Head	223.65	21.01
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-4.20*	
		For >50 To 100, Deduct	*-15.38*	
		For >100 To 500, Deduct	*-30.06*	
		For >500 To 1,000, Deduct	*-54.54*	
		For >1,000, Deduct	*-71.35*	
21 13 13 00-0183	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	118.01	18.01
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-9.50*	
		For >100 To 500, Deduct	*-16.55*	
		For >500 To 1,000, Deduct	*-33.49*	
		For >1,000, Deduct	*-47.89*	
21 13 13 00-0184	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=5.6, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	123.21	19.51
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-3.90*	
		For >50 To 100, Deduct	*-10.06*	
		For >100 To 500, Deduct	*-17.35*	
		For >500 To 1,000, Deduct	*-35.44*	
		For >1,000, Deduct	*-51.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0185	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes cover plate	119.77	18.01
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-9.59*	
		For >100 To 500, Deduct	*-16.77*	
		For >500 To 1,000, Deduct	*-33.80*	
		For >1,000, Deduct	*-48.21*	
21 13 13 00-0186	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes cover plate	125.78	19.51
		For >25 To 50, Deduct	*-3.90*	
		For >50 To 100, Deduct	*-10.19*	
		For >100 To 500, Deduct	*-17.67*	
		For >500 To 1,000, Deduct	*-35.91*	
		For >1,000, Deduct	*-51.51*	
21 13 13 00-0187	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes cover plate	143.65	19.51
		For >25 To 50, Deduct	*-3.90*	
		For >50 To 100, Deduct	*-11.08*	
		For >100 To 500, Deduct	*-19.91*	
		For >500 To 1,000, Deduct	*-39.12*	
		For >1,000, Deduct	*-54.73*	
21 13 13 00-0188	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Non-Ferrous Sprinkler Head With Escutcheon And Adjustable Chrome Cover Plate	264.36	21.01
		For >25 To 50, Deduct	*-4.20*	
		For >50 To 100, Deduct	*-17.42*	
		For >100 To 500, Deduct	*-35.15*	
		For >500 To 1,000, Deduct	*-61.87*	
		For >1,000, Deduct	*-78.68*	
21 13 13 00-0189	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Non-Ferrous Sprinkler Head With Escutcheon And Adjustable White Cover Plate	264.36	21.01
		For >25 To 50, Deduct	*-4.20*	
		For >50 To 100, Deduct	*-17.42*	
		For >100 To 500, Deduct	*-35.15*	
		For >500 To 1,000, Deduct	*-61.87*	
		For >1,000, Deduct	*-78.68*	

21 13 13 00-0190 Concealed Horizontal Side Wall Wet-Pipe Sprinkler Heads *(21 13 13 00-0169)*

21 13 13 00-0191	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head Note: Excludes cover plate	176.85	18.01
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-12.44*	
		For >100 To 500, Deduct	*-23.91*	
		For >500 To 1,000, Deduct	*-44.08*	
		For >1,000, Deduct	*-58.48*	
21 13 13 00-0192	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head Note: Excludes cover plate	200.33	19.51
		For >25 To 50, Deduct	*-3.90*	
		For >50 To 100, Deduct	*-13.92*	
		For >100 To 500, Deduct	*-26.99*	
		For >500 To 1,000, Deduct	*-49.32*	
		For >1,000, Deduct	*-64.93*	
21 13 13 00-0193	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Extended Coverage, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head Note: Excludes cover plate	133.21	18.01
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-10.26*	
		For >100 To 500, Deduct	*-18.45*	
		For >500 To 1,000, Deduct	*-36.22*	
		For >1,000, Deduct	*-50.63*	
21 13 13 00-0194	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head Note: Excludes cover plate	132.57	19.51
		For >25 To 50, Deduct	*-3.90*	
		For >50 To 100, Deduct	*-10.53*	
		For >100 To 500, Deduct	*-18.52*	
		For >500 To 1,000, Deduct	*-37.13*	
		For >1,000, Deduct	*-52.73*	

21 13 13 00-0195 Institutional Tamper Resistant Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*

21 13 13 00-0196	EA	1/2" Diameter NPT Thread, K=5.6, Institutional Tamper Resistant, Pendant Chrome Wet Pipe Sprinkler Head Note: Complete assembly including escutcheon, spacers, retaining flange, and centering grommet.	466.01	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-26.30*	
		For >100 To 500, Deduct	*-59.75*	
		For >500 To 1,000, Deduct	*-94.09*	
		For >1,000, Deduct	*-106.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0197	EA	1/2" Diameter NPT Thread, K=5.6, Institutional Tamper Resistant, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	454.28	15.00
		Note: Complete assembly including escutcheon, spacers, retaining flange, and centering grommet.		
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-25.72*	
		For >100 To 500, Deduct	*-58.29*	
		For >500 To 1,000, Deduct	*-91.97*	
		For >1,000, Deduct	*-103.98*	
21 13 13 00-0198	EA	1/2" Diameter NPT Thread, K=5.6, Quick Response, Institutional Tamper Resistant, Pendant Chrome Wet Pipe Sprinkler Head	184.16	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-12.21*	
		For >100 To 500, Deduct	*-24.52*	
		For >500 To 1,000, Deduct	*-43.35*	
		For >1,000, Deduct	*-55.36*	
21 13 13 00-0199	EA	1/2" Diameter NPT Thread, K=5.6, Quick Response , Institutional Tamper Resistant, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	208.49	15.00
		For >25 To 50, Deduct	*-3.00*	
		For >50 To 100, Deduct	*-13.43*	
		For >100 To 500, Deduct	*-27.56*	
		For >500 To 1,000, Deduct	*-47.73*	
		For >1,000, Deduct	*-59.74*	

21 13 13 00-0200 Wet Pipe Sprinkler Head Accessories *(21 13 13 00-0011)*

21 13 13 00-0201 Sprinkler Adjustable Steel Drop Nipple *(21 13 13 00-0200)*

21 13 13 00-0202	EA	1" Diameter Male NPT x 1/2" Diameter Female NPT x 4.125" Minimum Length To 5.125" Maximum Length, Adjustable Steel Drop Nipple (Anvil M1.150)	72.30	15.27
		For >25 To 50, Deduct	*-1.27*	
		For >50 To 100, Deduct	*-4.89*	
		For >100 To 500, Deduct	*-9.67*	
		For >500 To 1,000, Deduct	*-17.34*	
		For >1,000, Deduct	*-22.43*	
21 13 13 00-0203	EA	1" Diameter Male NPT x 1/2" Diameter Female NPT x 6.125" Minimum Length To 9.125" Maximum Length, Adjustable Steel Drop Nipple (Anvil M3.150)	72.30	15.27
		For >25 To 50, Deduct	*-1.27*	
		For >50 To 100, Deduct	*-4.89*	
		For >100 To 500, Deduct	*-9.67*	
		For >500 To 1,000, Deduct	*-17.34*	
		For >1,000, Deduct	*-22.43*	
21 13 13 00-0204	EA	1" Diameter Male NPT x 1/2" Diameter Female NPT x 7.875" Minimum Length To 10.875" Maximum Length, Adjustable Steel Drop Nipple (Anvil ME3.150)	73.26	15.27
		For >25 To 50, Deduct	*-1.27*	
		For >50 To 100, Deduct	*-4.94*	
		For >100 To 500, Deduct	*-9.79*	
		For >500 To 1,000, Deduct	*-17.52*	
		For >1,000, Deduct	*-22.61*	
21 13 13 00-0205	EA	1" Diameter Female NPT x 1/2" Diameter Female NPT x 3.5" Minimum Length To 4.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F1.150)	63.40	15.27
		For >25 To 50, Deduct	*-1.27*	
		For >50 To 100, Deduct	*-4.44*	
		For >100 To 500, Deduct	*-8.56*	
		For >500 To 1,000, Deduct	*-15.74*	
		For >1,000, Deduct	*-20.83*	
21 13 13 00-0206	EA	1" Diameter Female NPT x 1/2" Diameter Female NPT x 4.5" Minimum Length To 6.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F2.150)	63.40	15.27
		For >25 To 50, Deduct	*-1.27*	
		For >50 To 100, Deduct	*-4.44*	
		For >100 To 500, Deduct	*-8.56*	
		For >500 To 1,000, Deduct	*-15.74*	
		For >1,000, Deduct	*-20.83*	
21 13 13 00-0207	EA	1" Diameter Female NPT x 1/2" Diameter Female NPT x 5.5" Minimum Length To 8.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F3.150)	63.40	15.27
		For >25 To 50, Deduct	*-1.27*	
		For >50 To 100, Deduct	*-4.44*	
		For >100 To 500, Deduct	*-8.56*	
		For >500 To 1,000, Deduct	*-15.74*	
		For >1,000, Deduct	*-20.83*	
21 13 13 00-0208	EA	1" Diameter Female NPT x 3/4" Diameter Female NPT x 7.35" Minimum Length To 10.35" Maximum Length, Adjustable Steel Drop Nipple (Anvil F3.175)	71.13	16.61
		For >25 To 50, Deduct	*-1.38*	
		For >50 To 100, Deduct	*-4.94*	
		For >100 To 500, Deduct	*-9.58*	
		For >500 To 1,000, Deduct	*-17.51*	
		For >1,000, Deduct	*-23.04*	

21 13 13 00-0209 Sprinkler Head Escutcheon *(21 13 13 00-0200)*

21 13 13 00-0210	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Recessed Escutcheon	28.20	5.40
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-1.86*	
		For >100 To 500, Deduct	*-3.75*	
		For >500 To 1,000, Deduct	*-6.61*	
		For >1,000, Deduct	*-8.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0211	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Recessed Escutcheon	18.51	5.40
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-1.38*	
		For >100 To 500, Deduct	*-2.54*	
		For >500 To 1,000, Deduct	*-4.86*	
		For >1,000, Deduct	*-6.66*	
21 13 13 00-0212	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, White Sprinkler Head Recessed Escutcheon	18.51	5.40
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-1.38*	
		For >100 To 500, Deduct	*-2.54*	
		For >500 To 1,000, Deduct	*-4.86*	
		For >1,000, Deduct	*-6.66*	
21 13 13 00-0213	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Recessed Escutcheon	28.20	5.40
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-1.86*	
		For >100 To 500, Deduct	*-3.75*	
		For >500 To 1,000, Deduct	*-6.61*	
		For >1,000, Deduct	*-8.41*	
21 13 13 00-0214	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Recessed Escutcheon	18.51	5.40
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-1.38*	
		For >100 To 500, Deduct	*-2.54*	
		For >500 To 1,000, Deduct	*-4.86*	
		For >1,000, Deduct	*-6.66*	
21 13 13 00-0215	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, White Sprinkler Head Recessed Escutcheon	18.51	5.40
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-1.38*	
		For >100 To 500, Deduct	*-2.54*	
		For >500 To 1,000, Deduct	*-4.86*	
		For >1,000, Deduct	*-6.66*	
21 13 13 00-0216	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Recessed Escutcheon	26.45	5.40
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-1.77*	
		For >100 To 500, Deduct	*-3.53*	
		For >500 To 1,000, Deduct	*-6.29*	
		For >1,000, Deduct	*-8.09*	
21 13 13 00-0217	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Recessed Escutcheon	18.51	5.40
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-1.38*	
		For >100 To 500, Deduct	*-2.54*	
		For >500 To 1,000, Deduct	*-4.86*	
		For >1,000, Deduct	*-6.66*	
21 13 13 00-0218	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, White Sprinkler Head Recessed Escutcheon	18.51	5.40
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-1.38*	
		For >100 To 500, Deduct	*-2.54*	
		For >500 To 1,000, Deduct	*-4.86*	
		For >1,000, Deduct	*-6.66*	
21 13 13 00-0219	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Recessed Escutcheon	26.45	5.40
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-1.77*	
		For >100 To 500, Deduct	*-3.53*	
		For >500 To 1,000, Deduct	*-6.29*	
		For >1,000, Deduct	*-8.09*	
21 13 13 00-0220	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Recessed Escutcheon	18.51	5.40
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-1.38*	
		For >100 To 500, Deduct	*-2.54*	
		For >500 To 1,000, Deduct	*-4.86*	
		For >1,000, Deduct	*-6.66*	
21 13 13 00-0221	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, White Sprinkler Head Recessed Escutcheon	18.51	5.40
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-1.38*	
		For >100 To 500, Deduct	*-2.54*	
		For >500 To 1,000, Deduct	*-4.86*	
		For >1,000, Deduct	*-6.66*	
21 13 13 00-0222	EA	3-7/32" Diameter x 15/16" Depth, Two Piece, 1/2" NPT, Push-On/Thread-Off Chrome Sprinkler Head Recessed Escutcheon	27.32	5.40
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-1.82*	
		For >100 To 500, Deduct	*-3.64*	
		For >500 To 1,000, Deduct	*-6.45*	
		For >1,000, Deduct	*-8.25*	
21 13 13 00-0223	EA	3-7/32" Diameter x 15/16" Depth, Two Piece, 1/2" NPT, Push-On/Thread-Off White Sprinkler Head Recessed Escutcheon	27.32	5.40
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-1.82*	
		For >100 To 500, Deduct	*-3.64*	
		For >500 To 1,000, Deduct	*-6.45*	
		For >1,000, Deduct	*-8.25*	
21 13 13 00-0224	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, Brass Sprinkler Head Escutcheon	9.88	3.96
		For >25 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-0.79*	
		For >100 To 500, Deduct	*-1.39*	
		For >500 To 1,000, Deduct	*-2.80*	
		For >1,000, Deduct	*-4.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0225	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, Chrome Sprinkler Head Escutcheon	8.66	3.96
		For >25 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-0.73*	
		For >100 To 500, Deduct	*-1.23*	
		For >500 To 1,000, Deduct	*-2.58*	
		For >1,000, Deduct	*-3.78*	
21 13 13 00-0226	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, White Sprinkler Head Escutcheon	9.00	3.96
		For >25 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-0.75*	
		For >100 To 500, Deduct	*-1.28*	
		For >500 To 1,000, Deduct	*-2.64*	
		For >1,000, Deduct	*-3.84*	
21 13 13 00-0227	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, Brass Sprinkler Head Escutcheon	10.10	3.96
		For >25 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-0.81*	
		For >100 To 500, Deduct	*-1.41*	
		For >500 To 1,000, Deduct	*-2.84*	
		For >1,000, Deduct	*-4.04*	
21 13 13 00-0228	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, Chrome Sprinkler Head Escutcheon	8.88	3.96
		For >25 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-0.74*	
		For >100 To 500, Deduct	*-1.26*	
		For >500 To 1,000, Deduct	*-2.62*	
		For >1,000, Deduct	*-3.82*	
21 13 13 00-0229	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, White Sprinkler Head Escutcheon	8.88	3.96
		For >25 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-0.74*	
		For >100 To 500, Deduct	*-1.26*	
		For >500 To 1,000, Deduct	*-2.62*	
		For >1,000, Deduct	*-3.82*	
21 13 13 00-0230	EA	2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, Bright Brass Sprinkler Head Escutcheon	11.37	3.96
		For >25 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-0.87*	
		For >100 To 500, Deduct	*-1.57*	
		For >500 To 1,000, Deduct	*-3.07*	
		For >1,000, Deduct	*-4.27*	
21 13 13 00-0231	EA	2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, Chrome Sprinkler Head Escutcheon	8.85	3.96
		For >25 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-0.74*	
		For >100 To 500, Deduct	*-1.26*	
		For >500 To 1,000, Deduct	*-2.61*	
		For >1,000, Deduct	*-3.81*	
21 13 13 00-0232	EA	2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, White Sprinkler Head Escutcheon	8.85	3.96
		For >25 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-0.74*	
		For >100 To 500, Deduct	*-1.26*	
		For >500 To 1,000, Deduct	*-2.61*	
		For >1,000, Deduct	*-3.81*	
21 13 13 00-0233	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Telescoping Escutcheon	15.17	5.55
		For >25 To 50, Deduct	*-0.42*	
		For >50 To 100, Deduct	*-1.18*	
		For >100 To 500, Deduct	*-2.11*	
		For >500 To 1,000, Deduct	*-4.16*	
		For >1,000, Deduct	*-5.84*	
21 13 13 00-0234	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Telescoping Escutcheon	14.50	5.55
		For >25 To 50, Deduct	*-0.42*	
		For >50 To 100, Deduct	*-1.15*	
		For >100 To 500, Deduct	*-2.02*	
		For >500 To 1,000, Deduct	*-4.04*	
		For >1,000, Deduct	*-5.72*	
21 13 13 00-0235	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, White Sprinkler Head Telescoping Escutcheon	14.72	5.55
		For >25 To 50, Deduct	*-0.42*	
		For >50 To 100, Deduct	*-1.16*	
		For >100 To 500, Deduct	*-2.05*	
		For >500 To 1,000, Deduct	*-4.08*	
		For >1,000, Deduct	*-5.76*	
21 13 13 00-0236	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Telescoping Escutcheon	15.39	5.55
		For >25 To 50, Deduct	*-0.42*	
		For >50 To 100, Deduct	*-1.19*	
		For >100 To 500, Deduct	*-2.13*	
		For >500 To 1,000, Deduct	*-4.20*	
		For >1,000, Deduct	*-5.88*	
21 13 13 00-0237	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Telescoping Escutcheon	14.72	5.55
		For >25 To 50, Deduct	*-0.42*	
		For >50 To 100, Deduct	*-1.16*	
		For >100 To 500, Deduct	*-2.05*	
		For >500 To 1,000, Deduct	*-4.08*	
		For >1,000, Deduct	*-5.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0238	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, White Sprinkler Head Telescoping Escutcheon	15.17	5.55
		For >25 To 50, Deduct	*-0.42*	
		For >50 To 100, Deduct	*-1.18*	
		For >100 To 500, Deduct	*-2.11*	
		For >500 To 1,000, Deduct	*-4.16*	
		For >1,000, Deduct	*-5.84*	
21 13 13 00-0239	EA	Flat Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	35.31	5.40
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-2.22*	
		For >100 To 500, Deduct	*-4.64*	
		For >500 To 1,000, Deduct	*-7.89*	
		For >1,000, Deduct	*-9.69*	
21 13 13 00-0240	EA	Flat White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	35.31	5.40
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-2.22*	
		For >100 To 500, Deduct	*-4.64*	
		For >500 To 1,000, Deduct	*-7.89*	
		For >1,000, Deduct	*-9.69*	
21 13 13 00-0241	EA	Conical Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	35.31	5.40
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-2.22*	
		For >100 To 500, Deduct	*-4.64*	
		For >500 To 1,000, Deduct	*-7.89*	
		For >1,000, Deduct	*-9.69*	
21 13 13 00-0242	EA	Conical White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	35.31	5.40
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-2.22*	
		For >100 To 500, Deduct	*-4.64*	
		For >500 To 1,000, Deduct	*-7.89*	
		For >1,000, Deduct	*-9.69*	
21 13 13 00-0243	EA	Chrome Sprinkler Head Escutcheon For Decorative Horizontal Sidewall Sprinkler Head	35.31	5.40
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-2.22*	
		For >100 To 500, Deduct	*-4.64*	
		For >500 To 1,000, Deduct	*-7.89*	
		For >1,000, Deduct	*-9.69*	
21 13 13 00-0244	EA	White Sprinkler Head Escutcheon For Decorative Horizontal Sidewall Sprinkler Head	35.31	5.40
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-2.22*	
		For >100 To 500, Deduct	*-4.64*	
		For >500 To 1,000, Deduct	*-7.89*	
		For >1,000, Deduct	*-9.69*	
21 13 13 00-0245	EA	2-Piece Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	41.32	5.40
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-2.52*	
		For >100 To 500, Deduct	*-5.39*	
		For >500 To 1,000, Deduct	*-8.97*	
		For >1,000, Deduct	*-10.77*	
21 13 13 00-0246	EA	2-Piece White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	42.72	5.40
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-2.59*	
		For >100 To 500, Deduct	*-5.57*	
		For >500 To 1,000, Deduct	*-9.22*	
		For >1,000, Deduct	*-11.02*	

21 13 13 00-0247 Cover Plate For Sprinkler Heads *(21 13 13 00-0200)*

21 13 13 00-0248	EA	Chrome Cover Plate For Concealed Pendent Sprinkler Head	88.41	6.12
		For >25 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-4.93*	
		For >100 To 500, Deduct	*-11.31*	
		For >500 To 1,000, Deduct	*-17.65*	
		For >1,000, Deduct	*-19.69*	
21 13 13 00-0249	EA	White Cover Plate For Concealed Pendent Sprinkler Head	40.68	6.12
		For >25 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-2.54*	
		For >100 To 500, Deduct	*-5.34*	
		For >500 To 1,000, Deduct	*-9.06*	
		For >1,000, Deduct	*-11.10*	
21 13 13 00-0250	EA	Specialty Cover Plate For Concealed Pendent Sprinkler Head	61.38	6.12
		For >25 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-3.58*	
		For >100 To 500, Deduct	*-7.93*	
		For >500 To 1,000, Deduct	*-12.78*	
		For >1,000, Deduct	*-14.82*	
21 13 13 00-0251	EA	Brass Cover Plate For Concealed Sidewall Sprinkler Head	56.01	6.12
		For >25 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-3.31*	
		For >100 To 500, Deduct	*-7.26*	
		For >500 To 1,000, Deduct	*-11.82*	
		For >1,000, Deduct	*-13.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0252	EA	Chrome Cover Plate For Concealed Sidewall Sprinkler Head	43.83	6.12
		For >25 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-2.70*	
		For >100 To 500, Deduct	*-5.73*	
		For >500 To 1,000, Deduct	*-9.62*	
		For >1,000, Deduct	*-11.66*	
21 13 13 00-0253	EA	White Cover Plate For Concealed Sidewall Sprinkler Head	43.83	6.12
		For >25 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-2.70*	
		For >100 To 500, Deduct	*-5.73*	
		For >500 To 1,000, Deduct	*-9.62*	
		For >1,000, Deduct	*-11.66*	
21 13 13 00-0254	EA	Off-White Cover Plate For Concealed Sidewall Sprinkler Head	56.01	6.12
		For >25 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-3.31*	
		For >100 To 500, Deduct	*-7.26*	
		For >500 To 1,000, Deduct	*-11.82*	
		For >1,000, Deduct	*-13.86*	
21 13 13 00-0255	EA	Black Painted Cover Plate For Concealed Sidewall Sprinkler Head	56.01	6.12
		For >25 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-3.31*	
		For >100 To 500, Deduct	*-7.26*	
		For >500 To 1,000, Deduct	*-11.82*	
		For >1,000, Deduct	*-13.86*	
21 13 13 00-0256	EA	Black Plated Cover Plate For Concealed Sidewall Sprinkler Head	65.66	6.12
		For >25 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-3.79*	
		For >100 To 500, Deduct	*-8.46*	
		For >500 To 1,000, Deduct	*-13.55*	
		For >1,000, Deduct	*-15.59*	
21 13 13 00-0257	EA	Bright Brass Cover Plate For Concealed Sidewall Sprinkler Head	65.66	6.12
		For >25 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-3.79*	
		For >100 To 500, Deduct	*-8.46*	
		For >500 To 1,000, Deduct	*-13.55*	
		For >1,000, Deduct	*-15.59*	
21 13 13 00-0258	EA	Satin Chrome Cover Plate For Concealed Sidewall Sprinkler Head	65.66	6.12
		For >25 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-3.79*	
		For >100 To 500, Deduct	*-8.46*	
		For >500 To 1,000, Deduct	*-13.55*	
		For >1,000, Deduct	*-15.59*	
21 13 13 00-0259	EA	Specialty Cover Plate For Concealed Sidewall Sprinkler Head	56.07	6.12
		For >25 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-3.31*	
		For >100 To 500, Deduct	*-7.26*	
		For >500 To 1,000, Deduct	*-11.83*	
		For >1,000, Deduct	*-13.87*	
21 13 13 00-0260	EA	White Cover Plate For Quick Release Concealed Sidewall Sprinkler Head	98.03	7.20
		For >25 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-5.50*	
		For >100 To 500, Deduct	*-12.55*	
		For >500 To 1,000, Deduct	*-19.69*	
		For >1,000, Deduct	*-22.09*	

21 13 13 00-0261 Sprinkler Escutcheon Extension Tube *(21 13 13 00-0200)*

21 13 13 00-0262	EA	2.18" Diameter x 4" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube Note: For use with 2 piece escutcheons	21.13	3.61
		For >25 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-1.36*	
		For >100 To 500, Deduct	*-2.79*	
		For >500 To 1,000, Deduct	*-4.82*	
		For >1,000, Deduct	*-6.02*	
21 13 13 00-0263	EA	2.18" Diameter x 6" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube Note: For use with 2 piece escutcheons	28.15	3.78
		For >25 To 50, Deduct	*-0.32*	
		For >50 To 100, Deduct	*-1.72*	
		For >100 To 500, Deduct	*-3.68*	
		For >500 To 1,000, Deduct	*-6.14*	
		For >1,000, Deduct	*-7.40*	
21 13 13 00-0264	EA	2.18" Diameter x 8" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube Note: For use with 2 piece escutcheons	36.02	3.96
		For >25 To 50, Deduct	*-0.33*	
		For >50 To 100, Deduct	*-2.13*	
		For >100 To 500, Deduct	*-4.67*	
		For >500 To 1,000, Deduct	*-7.61*	
		For >1,000, Deduct	*-8.93*	
21 13 13 00-0265	EA	2.18" Diameter x 10" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube Note: For use with 2 piece escutcheons	43.04	4.14
		For >25 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-2.50*	
		For >100 To 500, Deduct	*-5.55*	
		For >500 To 1,000, Deduct	*-8.92*	
		For >1,000, Deduct	*-10.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0266		**Sprinkler Head Guards** *(21 13 13 00-0200)*		
21 13 13 00-0267	EA	Universal Sprinkler Head Guard, C-1	27.64	10.81
		For >25 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-2.28*	
		For >100 To 500, Deduct	*-3.91*	
		For >500 To 1,000, Deduct	*-8.04*	
		For >1,000, Deduct	*-11.64*	
21 13 13 00-0268	EA	Dry Pendent Sprinkler Head Guard, C-2	31.37	10.81
		For >25 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-2.47*	
		For >100 To 500, Deduct	*-4.37*	
		For >500 To 1,000, Deduct	*-8.71*	
		For >1,000, Deduct	*-12.31*	
21 13 13 00-0269	EA	Upright Sprinkler Head Guard With Water Shield, C-3	37.72	10.81
		For >25 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-2.79*	
		For >100 To 500, Deduct	*-5.17*	
		For >500 To 1,000, Deduct	*-9.85*	
		For >1,000, Deduct	*-13.45*	
21 13 13 00-0270	EA	Pendent Sprinkler Head Guard With Water Shield, C-5	45.56	10.81
		For >25 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-3.18*	
		For >100 To 500, Deduct	*-6.15*	
		For >500 To 1,000, Deduct	*-11.26*	
		For >1,000, Deduct	*-14.86*	
21 13 13 00-0271	EA	Universal Sprinkler Head Guard, D-1	31.22	10.81
		For >25 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-2.46*	
		For >100 To 500, Deduct	*-4.35*	
		For >500 To 1,000, Deduct	*-8.68*	
		For >1,000, Deduct	*-12.28*	
21 13 13 00-0272	EA	Upright Sprinkler Head Guard With Water Shield, D-3	33.64	10.81
		For >25 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-2.58*	
		For >100 To 500, Deduct	*-4.66*	
		For >500 To 1,000, Deduct	*-9.12*	
		For >1,000, Deduct	*-12.72*	
21 13 13 00-0273	EA	Pendent Sprinkler Head Guard With Large Water Shield, D-4	51.62	10.81
		For >25 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-3.48*	
		For >100 To 500, Deduct	*-6.90*	
		For >500 To 1,000, Deduct	*-12.35*	
		For >1,000, Deduct	*-15.96*	
21 13 13 00-0274	EA	Pendent Sprinkler Head Guard With Small Water Shield, D-5	48.02	10.81
		For >25 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-3.30*	
		For >100 To 500, Deduct	*-6.45*	
		For >500 To 1,000, Deduct	*-11.71*	
		For >1,000, Deduct	*-15.31*	
21 13 13 00-0275		**Flexible Sprinkler Piping** *(21 13 13 00-0011)*		
		Note: 1" Diameter stainless steel flexible pipe with either 1/2" or 3/4" outlet.		
21 13 13 00-0276	EA	2' Long, 3/4" Diameter, Stainless Steel Flexible Sprinkler Piping	81.44	18.61
		Note: Includes ceiling mounting bracket.		
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-5.95*	
		For >100 To 500, Deduct	*-11.12*	
		For >500 To 1,000, Deduct	*-21.04*	
		For >1,000, Deduct	*-28.54*	
21 13 13 00-0277	EA	3' Long, 3/4" Diameter, Stainless Steel Flexible Sprinkler Piping	90.12	19.20
		Note: Includes ceiling mounting bracket.		
		For >25 To 50, Deduct	*-1.97*	
		For >50 To 100, Deduct	*-6.48*	
		For >100 To 500, Deduct	*-12.25*	
		For >500 To 1,000, Deduct	*-22.93*	
		For >1,000, Deduct	*-30.83*	
21 13 13 00-0278	EA	4' Long, 3/4" Diameter, Stainless Steel Flexible Sprinkler Piping	98.97	20.40
		Note: Includes ceiling mounting bracket.		
		For >25 To 50, Deduct	*-2.08*	
		For >50 To 100, Deduct	*-7.03*	
		For >100 To 500, Deduct	*-13.41*	
		For >500 To 1,000, Deduct	*-24.90*	
		For >1,000, Deduct	*-33.24*	
21 13 13 00-0279	EA	5' Long, 3/4" Diameter, Stainless Steel Flexible Sprinkler Piping	108.11	21.61
		Note: Includes ceiling mounting bracket.		
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-7.61*	
		For >100 To 500, Deduct	*-14.62*	
		For >500 To 1,000, Deduct	*-26.96*	
		For >1,000, Deduct	*-35.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0280	EA	6' Long, 3/4" Diameter, Stainless Steel Flexible Sprinkler Piping	117.55	24.01
		Note: Includes ceiling mounting bracket.		
		For >25 To 50, Deduct	*-2.34*	
		For >50 To 100, Deduct	*-8.22*	
		For >100 To 500, Deduct	*-15.87*	
		For >500 To 1,000, Deduct	*-29.13*	
		For >1,000, Deduct	*-38.51*	

21 13 13 00-0281 Sprinkler Emergency Cabinets *(21 13 13 00-0011)*

21 13 13 00-0282	EA	3 Capacity Emergency Sprinkler Cabinet, A4	173.31
21 13 13 00-0283	EA	6 Capacity Emergency Sprinkler Cabinet, A4	179.31
21 13 13 00-0284	EA	12 Capacity Emergency Sprinkler Cabinet, A4	199.49
21 13 13 00-0285	EA	12 Capacity Emergency Sprinkler Cabinet, A3	702.83
21 13 13 00-0286	EA	Sprinkler Wrench, RC1	374.71
21 13 13 00-0287	EA	Sprinkler Wrench, FC	373.25
21 13 13 00-0288	EA	Sprinkler Wrench, W2	123.93

21 13 16 Dry-Pipe Sprinkler Systems *(21 13)*

21 13 16 00-0001 Complete Dry Pipe Sprinkler Systems Assemblies *(21 13 16)*

Note: Includes all branch line piping (standard weight threaded black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc. From riser pipe and mains. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks. Not for use where detail is available. For sprinkler repairs or sprinkler head replacements use specific pipe, fittings, hangers, valves, and sprinkler head components. See CSI section 23 21 13 23-1420 for individual grooved pipe, 23 21 13 23-1488 for individual grooved pipe fittings.

21 13 16 00-0002 Light Hazard, Dry-Pipe Sprinkler System Assemblies *(21 13 16 00-0001)*

21 13 16 00-0003	EA	Exposed Piping, Light Hazard, Per Head, Dry-Pipe Sprinkler System Assembly	758.35
		Note: Includes branch pipe and fittings, supports and sprinkler heads.	
		For Up To 5, Add	*345.47*
		For >5 To 10, Add	*181.17*
		For >10 To 20, Add	*139.03*
		For >20 To 40, Add	*58.98*
		For >100 To 150, Deduct	*-75.84*
		For >150, Deduct	*-151.67*
		For Copper Pipe, Add	*92.69*
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-130.60*
21 13 16 00-0004	EA	Concealed Piping, Light Hazard, Per Head, Dry-Pipe Sprinkler System Assembly	933.79
		Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	
		For Up To 5, Add	*430.67*
		For >5 To 10, Add	*236.26*
		For >10 To 20, Add	*179.11*
		For >20 To 40, Add	*75.27*
		For >100 To 150, Deduct	*-93.38*
		For >150, Deduct	*-186.76*
		For Copper Pipe, Add	*111.49*
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-158.18*
		For Work In Restricted Working Space, Add	*171.46*

21 13 16 00-0005 Ordinary Hazard, Dry-Pipe Sprinkler System Assemblies *(21 13 16 00-0001)*

21 13 16 00-0006	EA	Exposed Piping, Ordinary Hazard, Per Head, Dry-Pipe Sprinkler System Assembly	737.07
		Note: Includes branch pipe and fittings, supports and sprinkler heads.	
		For Up To 5, Add	*336.44*
		For >5 To 10, Add	*177.73*
		For >10 To 20, Add	*136.12*
		For >20 To 40, Add	*57.66*
		For >100 To 150, Deduct	*-73.71*
		For >150, Deduct	*-147.41*
		For Copper Pipe, Add	*89.76*
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-126.61*
21 13 16 00-0007	EA	Concealed Piping, Ordinary Hazard, Per Head, Dry-Pipe Sprinkler System Assembly	909.68
		Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	
		For Up To 5, Add	*420.34*
		For >5 To 10, Add	*232.13*
		For >10 To 20, Add	*175.66*
		For >20 To 40, Add	*73.72*
		For >100 To 150, Deduct	*-90.97*
		For >150, Deduct	*-181.94*
		For Copper Pipe, Add	*108.22*
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-153.70*
		For Work In Restricted Working Space, Add	*169.39*

21 13 16 00-0008 Extra Hazard, Dry-Pipe Sprinkler System Assemblies *(21 13 16 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0009	EA	Exposed Piping, Extra Hazard, Per Head, Dry-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads.	691.87	
		For Up To 5, Add	*315.52*	
		For >5 To 10, Add	*166.12*	
		For >10 To 20, Add	*127.35*	
		For >20 To 40, Add	*53.98*	
		For >100 To 150, Deduct	*-69.19*	
		For >150, Deduct	*-138.37*	
		For Copper Pipe, Add	*84.39*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-118.99*	
21 13 16 00-0010	EA	Concealed Piping, Extra Hazard, Per Head, Dry-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	846.80	
		For Up To 5, Add	*391.31*	
		For >5 To 10, Add	*216.16*	
		For >10 To 20, Add	*163.57*	
		For >20 To 40, Add	*68.64*	
		For >100 To 150, Deduct	*-84.68*	
		For >150, Deduct	*-169.36*	
		For Copper Pipe, Add	*100.72*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-143.06*	
		For Work In Restricted Working Space, Add	*157.77*	
21 13 16 00-0011		**Dry-Pipe Sprinkler System Compressors** *(21 13 16 00-0001)*		
21 13 16 00-0012	EA	Dry System Air Compressor, 3/4 HP With Alarm Valve Flange With Gauge	3,584.31	343.96
21 13 16 00-0013	EA	Dry System Air Compressor, 1 HP With Alarm Valve Flange With Gauge	3,757.23	343.96
21 13 16 00-0014	EA	Dry System Air Compressor, 1-1/2 HP With Alarm Valve Flange With Gauge	3,903.14	343.96
21 13 16 00-0015	EA	Dry System Air Compressor, 2 HP With Alarm Valve Flange With Gauge	4,470.54	343.96
21 13 16 00-0016		**Dry Pipe Sprinkler System Components** *(21 13 16)*		
21 13 16 00-0017		**Dry Pipe Valves** *(21 13 16 00-0016)* Note: Excludes trim package See CSI section 21 13 16 00-0023 for Dry Pipe Valve Trim.		
21 13 16 00-0018	EA	2-1/2" Diameter, Dry Pipe Valve	4,348.69	228.26
21 13 16 00-0019	EA	3" Diameter, Dry Pipe Valve	4,840.82	261.46
21 13 16 00-0020	EA	4" Diameter, Dry Pipe Valve	5,380.44	444.08
21 13 16 00-0021	EA	6" Diameter, Dry Pipe Valve	6,823.48	560.29
21 13 16 00-0022	EA	8" Diameter, Dry Pipe Valve	10,469.53	564.43
21 13 16 00-0023		**Dry Pipe Valve Trim** *(21 13 16 00-0016)* Note: Includes gauges, pressure switch, air supply and drain lines.		
21 13 16 00-0024	EA	2-1/2" Diameter, Dry Pipe Valve Trim	1,389.41	322.06
		For Accelerator and Trim, Add	*1,382.39*	
		For Priming Chamber, Add	*222.56*	
21 13 16 00-0025	EA	3" Diameter, Dry Pipe Valve Trim	1,439.21	354.16
		For Accelerator and Trim, Add	*1,382.39*	
		For Priming Chamber, Add	*222.56*	
21 13 16 00-0026	EA	4" Diameter, Dry Pipe Valve Trim	1,650.89	441.59
		For Accelerator and Trim, Add	*1,382.39*	
		For Priming Chamber, Add	*222.56*	
21 13 16 00-0027	EA	6" Diameter, Dry Pipe Valve Trim	1,794.77	531.23
		For Accelerator and Trim, Add	*1,382.39*	
		For Priming Chamber, Add	*222.56*	
21 13 16 00-0028	EA	8" Diameter, Dry Pipe Valve Trim	2,025.34	597.64
		For Accelerator and Trim, Add	*1,382.39*	
		For Priming Chamber, Add	*222.56*	
21 13 16 00-0029		**Dry Pipe Fire Protection Air Compressors** *(21 13 16 00-0016)*		
21 13 16 00-0030	EA	1.46 CFM, 1/6 HP, 125 Gallon Capacity, Oil-Less, Riser Mount, Fire Protection Air Compressors	1,429.99	171.24
21 13 16 00-0031	EA	3.03 CFM, 1/3 HP, 250 Gallon Capacity, Oil-Less, Riser Mount, Fire Protection Air Compressors	1,733.44	182.29
21 13 16 00-0032	EA	4.85 CFM, 1/2 HP, 400 Gallon Capacity, Oil-Less, Riser Mount, Fire Protection Air Compressors	2,215.47	194.44
21 13 16 00-0033	EA	6.06 CFM, 3/4 HP, 500 Gallon Capacity, Oil-Less, Riser Mount, Fire Protection Air Compressors	2,414.59	224.27
21 13 16 00-0034	EA	7.28 CFM, 1 HP, 600 Gallon Capacity, Oil-Less, Riser Mount, Fire Protection Air Compressors	2,987.74	265.15
21 13 16 00-0035	EA	11.1 CFM, 1-1/2 HP, 915 Gallon Capacity, Oil-Less, Riser Mount, Fire Protection Air Compressors	3,770.16	280.61
21 13 16 00-0036	EA	14.85 CFM, 2 HP, 1225 Gallon Capacity, Oil-Less, Riser Mount, Fire Protection Air Compressors	4,564.21	291.66
21 13 16 00-0037		**Dry Pipe Fire Protection Nitrogen Generator** *(21 13 16 00-0016)*		
21 13 16 00-0038	EA	675 Gallon Total System Capacity, Wall Mount, Fire Protection Nitrogen Generator	10,293.48	265.15
21 13 16 00-0039	EA	950 Gallon Total System Capacity, Wall Mount, Fire Protection Nitrogen Generator	11,420.26	280.61
21 13 16 00-0040	EA	2,000 Gallon Total System Capacity, Wall Mount, Fire Protection Nitrogen Generator	16,220.44	364.57
21 13 16 00-0041		**Recessed Pendent Dry Pipe Sprinkler Heads, Quick Response** *(21 13 16 00-0016)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0042	EA	3-1/2" To 5-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Recessed Pendent Dry Pipe Sprinkler Head	326.82	23.77
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-19.94*	
		For >100 To 500, Deduct	*-42.65*	
		For >500 To 1,000, Deduct	*-71.07*	
		For >1,000, Deduct	*-85.48*	
21 13 16 00-0043	EA	6" To 8-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Recessed Pendent Dry Pipe Sprinkler Head	341.49	23.77
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-20.68*	
		For >100 To 500, Deduct	*-44.49*	
		For >500 To 1,000, Deduct	*-73.71*	
		For >1,000, Deduct	*-88.12*	
21 13 16 00-0044	EA	9" To 11-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Recessed Pendent Dry Pipe Sprinkler Head	356.18	23.77
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-21.41*	
		For >100 To 500, Deduct	*-46.32*	
		For >500 To 1,000, Deduct	*-76.36*	
		For >1,000, Deduct	*-90.76*	
21 13 16 00-0045	EA	12" To 14-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Recessed Pendent Dry Pipe Sprinkler Head	370.90	23.77
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-22.15*	
		For >100 To 500, Deduct	*-48.16*	
		For >500 To 1,000, Deduct	*-79.01*	
		For >1,000, Deduct	*-93.41*	
21 13 16 00-0046	EA	15" To 17-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Recessed Pendent Dry Pipe Sprinkler Head	385.59	23.77
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-22.88*	
		For >100 To 500, Deduct	*-50.00*	
		For >500 To 1,000, Deduct	*-81.65*	
		For >1,000, Deduct	*-96.05*	
21 13 16 00-0047	EA	18" To 20-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Recessed Pendent Dry Pipe Sprinkler Head	400.27	23.77
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-23.61*	
		For >100 To 500, Deduct	*-51.83*	
		For >500 To 1,000, Deduct	*-84.29*	
		For >1,000, Deduct	*-98.70*	
21 13 16 00-0048	EA	21" To 23-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Recessed Pendent Dry Pipe Sprinkler Head	414.95	23.77
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-24.35*	
		For >100 To 500, Deduct	*-53.67*	
		For >500 To 1,000, Deduct	*-86.93*	
		For >1,000, Deduct	*-101.34*	
21 13 16 00-0049	EA	24" To 26-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Recessed Pendent Dry Pipe Sprinkler Head	429.67	23.77
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-25.08*	
		For >100 To 500, Deduct	*-55.51*	
		For >500 To 1,000, Deduct	*-89.58*	
		For >1,000, Deduct	*-103.99*	
21 13 16 00-0050	EA	27" To 29-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Recessed Pendent Dry Pipe Sprinkler Head	444.33	23.77
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-25.82*	
		For >100 To 500, Deduct	*-57.34*	
		For >500 To 1,000, Deduct	*-92.22*	
		For >1,000, Deduct	*-106.63*	
21 13 16 00-0051	EA	30" To 32-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Recessed Pendent Dry Pipe Sprinkler Head	459.03	23.77
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-26.55*	
		For >100 To 500, Deduct	*-59.18*	
		For >500 To 1,000, Deduct	*-94.87*	
		For >1,000, Deduct	*-109.27*	
21 13 16 00-0052	EA	33" To 35-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Recessed Pendent Dry Pipe Sprinkler Head	473.74	23.77
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-27.29*	
		For >100 To 500, Deduct	*-61.02*	
		For >500 To 1,000, Deduct	*-97.52*	
		For >1,000, Deduct	*-111.92*	
21 13 16 00-0053	EA	36" To 38-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Recessed Pendent Dry Pipe Sprinkler Head	488.43	23.77
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-28.02*	
		For >100 To 500, Deduct	*-62.85*	
		For >500 To 1,000, Deduct	*-100.16*	
		For >1,000, Deduct	*-114.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0054	EA	39" To 41-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Recessed Pendent Dry Pipe Sprinkler Head	503.15	23.77
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-28.76*	
		For >100 To 500, Deduct	*-64.69*	
		For >500 To 1,000, Deduct	*-102.81*	
		For >1,000, Deduct	*-117.21*	
21 13 16 00-0055	EA	42" To 44-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Recessed Pendent Dry Pipe Sprinkler Head	517.80	23.77
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-29.49*	
		For >100 To 500, Deduct	*-66.53*	
		For >500 To 1,000, Deduct	*-105.45*	
		For >1,000, Deduct	*-119.85*	
21 13 16 00-0056	EA	45" To 48" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Recessed Pendent Dry Pipe Sprinkler Head	532.51	23.77
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-30.23*	
		For >100 To 500, Deduct	*-68.36*	
		For >500 To 1,000, Deduct	*-108.10*	
		For >1,000, Deduct	*-122.50*	
21 13 16 00-0057		**Sidewall Dry Pipe Sprinkler Heads, Quick Response** *(21 13 16 00-0016)*		
21 13 16 00-0058	EA	3-1/2" To 5-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Sidewall Dry Pipe Sprinkler Head	323.28	23.77
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-19.77*	
		For >100 To 500, Deduct	*-42.21*	
		For >500 To 1,000, Deduct	*-70.43*	
		For >1,000, Deduct	*-84.84*	
21 13 16 00-0059	EA	6" To 8-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Sidewall Dry Pipe Sprinkler Head	337.99	23.77
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-20.50*	
		For >100 To 500, Deduct	*-44.05*	
		For >500 To 1,000, Deduct	*-73.08*	
		For >1,000, Deduct	*-87.49*	
21 13 16 00-0060	EA	9" To 11-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Sidewall Dry Pipe Sprinkler Head	352.71	23.77
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-21.24*	
		For >100 To 500, Deduct	*-45.89*	
		For >500 To 1,000, Deduct	*-75.73*	
		For >1,000, Deduct	*-90.14*	
21 13 16 00-0061	EA	12" To 14-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Sidewall Dry Pipe Sprinkler Head	367.35	23.77
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-21.97*	
		For >100 To 500, Deduct	*-47.72*	
		For >500 To 1,000, Deduct	*-78.37*	
		For >1,000, Deduct	*-92.77*	
21 13 16 00-0062	EA	15" To 17-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Sidewall Dry Pipe Sprinkler Head	382.06	23.77
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-22.70*	
		For >100 To 500, Deduct	*-49.56*	
		For >500 To 1,000, Deduct	*-81.01*	
		For >1,000, Deduct	*-95.42*	
21 13 16 00-0063	EA	18" To 20-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Sidewall Dry Pipe Sprinkler Head	396.72	23.77
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-23.44*	
		For >100 To 500, Deduct	*-51.39*	
		For >500 To 1,000, Deduct	*-83.65*	
		For >1,000, Deduct	*-98.06*	
21 13 16 00-0064	EA	21" To 23-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Sidewall Dry Pipe Sprinkler Head	411.47	23.77
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-24.17*	
		For >100 To 500, Deduct	*-53.23*	
		For >500 To 1,000, Deduct	*-86.31*	
		For >1,000, Deduct	*-100.71*	
21 13 16 00-0065	EA	24" To 26-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Sidewall Dry Pipe Sprinkler Head	426.15	23.77
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-24.91*	
		For >100 To 500, Deduct	*-55.07*	
		For >500 To 1,000, Deduct	*-88.95*	
		For >1,000, Deduct	*-103.35*	
21 13 16 00-0066	EA	27" To 29-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Sidewall Dry Pipe Sprinkler Head	440.81	23.77
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-25.64*	
		For >100 To 500, Deduct	*-56.90*	
		For >500 To 1,000, Deduct	*-91.59*	
		For >1,000, Deduct	*-105.99*	
21 13 16 00-0067	EA	30" To 32-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Sidewall Dry Pipe Sprinkler Head	455.49	23.77
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-26.38*	
		For >100 To 500, Deduct	*-58.74*	
		For >500 To 1,000, Deduct	*-94.23*	
		For >1,000, Deduct	*-108.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0068	EA	33" To 35-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Sidewall Dry Pipe Sprinkler Head	470.20	23.77
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-27.11*	
		For >100 To 500, Deduct	*-60.58*	
		For >500 To 1,000, Deduct	*-96.88*	
		For >1,000, Deduct	*-111.28*	
21 13 16 00-0069	EA	36" To 38-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Sidewall Dry Pipe Sprinkler Head	484.89	23.77
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-27.85*	
		For >100 To 500, Deduct	*-62.41*	
		For >500 To 1,000, Deduct	*-99.52*	
		For >1,000, Deduct	*-113.93*	
21 13 16 00-0070	EA	39" To 41-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Sidewall Dry Pipe Sprinkler Head	528.98	23.77
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-30.05*	
		For >100 To 500, Deduct	*-67.92*	
		For >500 To 1,000, Deduct	*-107.46*	
		For >1,000, Deduct	*-121.86*	
21 13 16 00-0071	EA	42" To 44-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Sidewall Dry Pipe Sprinkler Head	543.68	23.77
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-30.79*	
		For >100 To 500, Deduct	*-69.76*	
		For >500 To 1,000, Deduct	*-110.11*	
		For >1,000, Deduct	*-124.51*	
21 13 16 00-0072	EA	45" To 48" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Sidewall Dry Pipe Sprinkler Head	549.54	23.77
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-31.08*	
		For >100 To 500, Deduct	*-70.49*	
		For >500 To 1,000, Deduct	*-111.16*	
		For >1,000, Deduct	*-125.56*	

21 13 19 Preaction Sprinkler Systems *(21 13)*

21 13 19 00-0001 Complete Preaction Sprinkler Systems Assemblies *(21 13 19)*

Note: Includes all branch line piping (standard weight threaded black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc. From riser pipe and mains. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks. Not for use where detail is available. For sprinkler repairs or sprinkler head replacements use specific pipe, fittings, hangers, valves, and sprinkler head components. See CSI section 23 21 13 23-1420 for individual grooved pipe, 23 21 13 23-1488 for individual grooved pipe fittings.

21 13 19 00-0002 Ordinary Hazard, Preaction Sprinkler System Assemblies *(21 13 19 00-0001)*

21 13 19 00-0003	EA	Exposed Piping, Ordinary Hazard, Per Head, Preaction Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads.	692.32	
		For Up To 5, Add	*318.54*	
		For >5 To 10, Add	*200.88*	
		For >10 To 20, Add	*131.64*	
		For >20 To 40, Add	*55.42*	
		For >100 To 150, Deduct	*-69.23*	
		For >150, Deduct	*-138.46*	

21 13 19 00-0004 Extra Hazard, Preaction Sprinkler System Assemblies *(21 13 19 00-0001)*

21 13 19 00-0005	EA	Exposed Piping, Extra Hazard, Per Head, Preaction Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads.	644.55	
		For Up To 5, Add	*296.59*	
		For >5 To 10, Add	*187.07*	
		For >10 To 20, Add	*122.61*	
		For >20 To 40, Add	*51.61*	
		For >100 To 150, Deduct	*-64.46*	
		For >150, Deduct	*-128.91*	

21 13 26 Deluge Fire-Suppression Sprinkler Systems *(21 13)*

21 13 26 00-0001 Deluge Fire-Suppression Sprinkler Systems Equipment *(21 13 26)*

21 13 26 00-0002 Deluge Valves, Wet-Pilot Activation With Required Trim And Release Equipment *(21 13 26 00-0001)*

21 13 26 00-0003	EA	3" Diameter, Deluge Valve, Wet-Pilot Activation With Trim And Release Equipment	8,110.19	666.92
		For Accelerator and Trim, Add	*1,382.39*	
		For Priming Chamber, Add	*222.56*	
		For Dry-Pilot Activation, Add	*677.65*	
21 13 26 00-0004	EA	4" Diameter, Deluge Valve, Wet-Pilot Activation With Trim And Release Equipment	10,016.72	750.23
		For Accelerator and Trim, Add	*1,382.39*	
		For Priming Chamber, Add	*222.56*	
		For Dry-Pilot Activation, Add	*851.63*	
21 13 26 00-0005	EA	6" Diameter, Deluge Valve, Wet-Pilot Activation With Trim And Release Equipment	11,923.28	1,091.26
		For Accelerator and Trim, Add	*1,382.39*	
		For Priming Chamber, Add	*222.56*	
		For Dry-Pilot Activation, Add	*974.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 26 00-0006	EA	8" Diameter, Deluge Valve, Wet-Pilot Activation With Trim And Release Equipment	20,109.68	1,311.40
		For Accelerator and Trim, Add	*1,382.39*	
		For Priming Chamber, Add	*222.56*	
		For Dry-Pilot Activation, Add	*1,748.69*	

21 13 39 Foam-Water Systems *(21 13)*

21 13 39 00-0001 Foam Control Valves And Monitors *(21 13 39)*

21 13 39 00-0002 Control Valves *(21 13 39 00-0001)*

21 13 39 00-0003	EA	3" Diameter, Foam Control Valve	5,625.22	666.92

21 13 39 00-0004 Supply Valves *(21 13 39 00-0001)*

21 13 39 00-0005	EA	2-1/2" Diameter, Foam Supply Valve	4,838.28	750.23

21 13 39 00-0006 Proportioners *(21 13 39 00-0001)*

21 13 39 00-0007	EA	8" Foam Proportioner	3,865.59	1,091.26

21 13 39 00-0008 Monitors *(21 13 39 00-0001)*

21 13 39 00-0009	EA	Oscillating Foam Monitor	6,691.83	150.05

21 13 41 Fire-Suppression Sprinkler Piping *(21 13)*

See CSI section 22 11 16 00-0013 for galvanized steel pipe and fittings, 22 11 16 00-0378 for copper pipe and fittings, 23 21 13 23-0001 for threaded black steel piping, 23 21 13 23-0360 for welded black steel piping, 23 21 13 23-0691 for flanged black steel pipe fittings, 23 21 13 23-1420 for grooved pipe, 23 21 13 23-1488 for grooved pipe fittings, 33 14 13 13-0001 for ductile iron pipe and fittings.

21 13 41 00-0001 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe *(21 13 41)*

Note: SDR 13.5

21 13 41 00-0002 Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe *(21 13 41 00-0001)*

21 13 41 00-0003	LF	3/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	6.33	1.92
		For Work In Restricted Working Space, Add	*1.44*	
21 13 41 00-0004	LF	1" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	7.52	2.04
		For Work In Restricted Working Space, Add	*1.55*	
21 13 41 00-0005	LF	1-1/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	9.33	2.28
		For Work In Restricted Working Space, Add	*1.69*	
21 13 41 00-0006	LF	1-1/2" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	11.35	2.52
		For Work In Restricted Working Space, Add	*1.87*	
21 13 41 00-0007	LF	2" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	14.45	2.76
		For Work In Restricted Working Space, Add	*2.09*	
21 13 41 00-0008	LF	2-1/2" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	19.60	3.12
		For Work In Restricted Working Space, Add	*2.38*	
21 13 41 00-0009	LF	3" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	27.15	3.73
		For Work In Restricted Working Space, Add	*2.81*	

21 13 41 00-0010 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbows, Fire Sprinkler Piping *(21 13 41 00-0001)*

21 13 41 00-0011	EA	3/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	30.80	11.52
		For Work In Restricted Working Space, Add	*8.64*	
21 13 41 00-0012	EA	1" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	40.46	14.40
		For Work In Restricted Working Space, Add	*10.84*	
21 13 41 00-0013	EA	1-1/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	50.62	18.01
		For Work In Restricted Working Space, Add	*13.54*	
21 13 41 00-0014	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	57.69	19.93
		For Work In Restricted Working Space, Add	*14.98*	
21 13 41 00-0015	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	65.36	22.33
		For Work In Restricted Working Space, Add	*16.71*	
21 13 41 00-0016	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	81.93	25.33
		For Work In Restricted Working Space, Add	*19.01*	
21 13 41 00-0017	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	100.13	30.01
		For Work In Restricted Working Space, Add	*22.47*	

21 13 41 00-0018 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbows, Fire Sprinkler Piping *(21 13 41 00-0001)*

21 13 41 00-0019	EA	3/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	31.51	11.52
		For Work In Restricted Working Space, Add	*8.64*	
21 13 41 00-0020	EA	1" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	39.33	14.40
		For Work In Restricted Working Space, Add	*10.84*	
21 13 41 00-0021	EA	1-1/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	49.77	18.01
		For Work In Restricted Working Space, Add	*13.54*	
21 13 41 00-0022	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	56.33	19.93
		For Work In Restricted Working Space, Add	*14.98*	
21 13 41 00-0023	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	63.66	22.33
		For Work In Restricted Working Space, Add	*16.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 41 00-0024	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	77.66	25.33
		For Work In Restricted Working Space, Add	*19.01*	
21 13 41 00-0025	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	95.44	30.01
		For Work In Restricted Working Space, Add	*22.47*	
21 13 41 00-0026		**Chlorinated Polyvinyl Chloride (CPVC) Tees, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0027	EA	3/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	45.91	17.28
		For Work In Restricted Working Space, Add	*12.96*	
21 13 41 00-0028	EA	1" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	59.59	21.72
		For Work In Restricted Working Space, Add	*16.28*	
21 13 41 00-0029	EA	1-1/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	75.72	27.13
		For Work In Restricted Working Space, Add	*20.31*	
21 13 41 00-0030	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	86.70	30.01
		For Work In Restricted Working Space, Add	*22.47*	
21 13 41 00-0031	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	101.03	33.37
		For Work In Restricted Working Space, Add	*25.06*	
21 13 41 00-0032	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	123.47	38.06
		For Work In Restricted Working Space, Add	*28.52*	
21 13 41 00-0033	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	145.89	44.89
		For Work In Restricted Working Space, Add	*33.71*	
21 13 41 00-0034		**Chlorinated Polyvinyl Chloride (CPVC) Reducing Tees, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0035	EA	1" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	55.07	20.28
		For Work In Restricted Working Space, Add	*15.16*	
21 13 41 00-0036	EA	1-1/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	71.46	25.33
		For Work In Restricted Working Space, Add	*18.94*	
21 13 41 00-0037	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	79.94	27.97
		For Work In Restricted Working Space, Add	*20.96*	
21 13 41 00-0038	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	94.09	31.21
		For Work In Restricted Working Space, Add	*23.41*	
21 13 41 00-0039	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	110.80	35.53
		For Work In Restricted Working Space, Add	*26.61*	
21 13 41 00-0040	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	130.42	41.89
		For Work In Restricted Working Space, Add	*31.47*	
21 13 41 00-0041		**Chlorinated Polyvinyl Chloride (CPVC) Crosses, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0042	EA	3/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	61.89	23.05
		For Work In Restricted Working Space, Add	*17.29*	
21 13 41 00-0043	EA	1" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	77.59	28.93
		For Work In Restricted Working Space, Add	*21.68*	
21 13 41 00-0044	EA	1-1/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	97.65	36.13
		For Work In Restricted Working Space, Add	*27.08*	
21 13 41 00-0045	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	109.95	39.97
		For Work In Restricted Working Space, Add	*29.96*	
21 13 41 00-0046	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	128.02	44.53
		For Work In Restricted Working Space, Add	*33.42*	
21 13 41 00-0047	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	162.98	50.65
		For Work In Restricted Working Space, Add	*38.03*	
21 13 41 00-0048		**Chlorinated Polyvinyl Chloride (CPVC) Couplings, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0049	EA	3/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	21.11	7.68
		For Work In Restricted Working Space, Add	*5.76*	
21 13 41 00-0050	EA	1" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	28.29	10.32
		For Work In Restricted Working Space, Add	*7.74*	
21 13 41 00-0051	EA	1-1/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	37.48	13.56
		For Work In Restricted Working Space, Add	*10.16*	
21 13 41 00-0052	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	42.63	15.00
		For Work In Restricted Working Space, Add	*11.24*	
21 13 41 00-0053	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	48.79	16.69
		For Work In Restricted Working Space, Add	*12.53*	
21 13 41 00-0054	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	58.27	18.96
		For Work In Restricted Working Space, Add	*14.26*	
21 13 41 00-0055	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	70.18	22.45
		For Work In Restricted Working Space, Add	*16.85*	
21 13 41 00-0056		**Chlorinated Polyvinyl Chloride (CPVC) Caps, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0057	EA	3/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	10.76	3.84
		For Work In Restricted Working Space, Add	*2.88*	
21 13 41 00-0058	EA	1" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	17.12	6.24
		For Work In Restricted Working Space, Add	*4.65*	
21 13 41 00-0059	EA	1-1/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	19.56	6.73
		For Work In Restricted Working Space, Add	*5.08*	
21 13 41 00-0060	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	22.35	7.44
		For Work In Restricted Working Space, Add	*5.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 41 00-0061	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	26.37	8.40
		For Work In Restricted Working Space, Add	*6.27*	
21 13 41 00-0062	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	31.66	9.49
		For Work In Restricted Working Space, Add	*7.13*	
21 13 41 00-0063	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	40.89	11.28
		For Work In Restricted Working Space, Add	*8.43*	
21 13 41 00-0064		**Chlorinated Polyvinyl Chloride (CPVC) Reducer Bushing, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0065	EA	1" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	29.94	11.40
		For Work In Restricted Working Space, Add	*8.54*	
21 13 41 00-0066	EA	1-1/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	39.63	14.88
		For Work In Restricted Working Space, Add	*11.16*	
21 13 41 00-0067	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	43.80	16.44
		For Work In Restricted Working Space, Add	*12.35*	
21 13 41 00-0068	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	49.81	18.37
		For Work In Restricted Working Space, Add	*13.79*	
21 13 41 00-0069	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	58.94	20.89
		For Work In Restricted Working Space, Add	*15.70*	
21 13 41 00-0070	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	71.77	24.72
		For Work In Restricted Working Space, Add	*18.55*	
21 13 41 00-0071		**Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip x Female Pipe Thread, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0072	EA	3/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip X Female Pipe Thread, Fire Sprinkler Piping	26.10	8.40
		For Work In Restricted Working Space, Add	*6.34*	
21 13 41 00-0073	EA	1" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip X Female Pipe Thread, Fire Sprinkler Piping	33.71	11.40
		For Work In Restricted Working Space, Add	*8.54*	
21 13 41 00-0074		**Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0075	EA	3/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	26.10	8.40
		For Work In Restricted Working Space, Add	*6.34*	
21 13 41 00-0076	EA	1" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	33.71	11.40
		For Work In Restricted Working Space, Add	*8.54*	
21 13 41 00-0077		**Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0078	EA	3/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 1/2" Diameter FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	30.56	10.32
		For Work In Restricted Working Space, Add	*7.78*	
21 13 41 00-0079	EA	1" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 1/2" Diameter FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	39.00	12.96
		For Work In Restricted Working Space, Add	*9.76*	
21 13 41 00-0080	EA	1" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 3/4" Diameter FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	40.42	12.96
		For Work In Restricted Working Space, Add	*9.76*	
21 13 41 00-0081		**Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0082	EA	3/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" Diameter FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	50.23	17.28
		For Work In Restricted Working Space, Add	*12.96*	
21 13 41 00-0083	EA	1" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" Diameter FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	61.86	21.72
		For Work In Restricted Working Space, Add	*16.28*	
21 13 41 00-0084	EA	1-1/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" Diameter FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	80.35	27.13
		For Work In Restricted Working Space, Add	*20.31*	
21 13 41 00-0085	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" Diameter FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	91.60	30.01
		For Work In Restricted Working Space, Add	*22.47*	
21 13 41 00-0086	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" Diameter FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	106.99	33.37
		For Work In Restricted Working Space, Add	*25.06*	

21 20 Fire-Extinguishing Systems *(21)*

21 21 Carbon-Dioxide Fire-Extinguishing Systems *(21 20)*

21 21 16 Carbon-Dioxide Fire-Extinguishing Equipment *(21 21)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 21 16 00-0001		Carbon Dioxide Cylinders *(21 21 16)*		
21 21 16 00-0002	EA	Carbon Dioxide Simplex Cylinder, 75 Lb.	2,591.33	252.50
21 21 16 00-0003	EA	Carbon Dioxide Duplex Cylinder, 75 Lb. (Each)	5,182.66	504.99
21 21 16 00-0004	EA	Carbon Dioxide Cylinder, Heat/Ion Detector, With Bracket	373.48	139.02
21 21 16 00-0005	EA	Carbon Dioxide Cylinder, Dispersion Nozzle	164.25	46.14
21 21 16 00-0006	LF	Carbon Dioxide Cylinder, 1/2" Rubber Tubing	41.32	18.71

21 22 Clean-Agent Fire-Extinguishing Systems *(21 20)*

21 22 16 Clean-Agent Fire-Extinguishing Equipment *(21 22)*

21 22 16 00-0001		Ansul Fire Control Systems *(21 22 16)*		
21 22 16 00-0002		Sapphire® Fire Suppression Systems *(21 22 16 00-0001)* Note: ANSUL® SAPPHIRE® fire suppression systems use 3M™ Novec™ 1230 fire protection fluid for total flooding applications.		
21 22 16 00-0003		Cylinders, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*		
21 22 16 00-0004	EA	20 Lb. Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570635) Note: 10 to 21 Lb. tank capacity. Excludes Sapphire agent.	1,786.77	86.08
21 22 16 00-0005	EA	40 Lb. Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570636) Note: 20 to 46 Lb. tank capacity. Excludes Sapphire agent.	2,038.49	86.08
21 22 16 00-0006	EA	80 Lb. Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570637) Note: 41 to 80 Lb. tank capacity. Excludes Sapphire agent.	2,071.59	86.08
21 22 16 00-0007	EA	140 Lb. Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570638) Note: 58 to 138 Lb. tank capacity. Excludes Sapphire agent.	2,941.31	114.77
21 22 16 00-0008	EA	280 Lb. Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570639) Note: 116 to 280 Lb. tank capacity. Excludes Sapphire agent.	3,107.71	114.77
21 22 16 00-0009	EA	390 Lb. Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570640) Note: 161 to 388 Lb. tank capacity. Excludes Sapphire agent.	3,319.70	143.47
21 22 16 00-0010	EA	450 Lb. Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570641) Note: 194 to 459 Lb. tank capacity. Excludes Sapphire agent.	3,522.59	143.47
21 22 16 00-0011	EA	850 Lb. Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570586) Note: 375 to 851 Lb. tank capacity. Excludes Sapphire agent.	5,318.04	172.16
21 22 16 00-0012	LB	Sapphire Agent. Fire Protection Fluid, Factory Filled (Novec 1230) Note: Add to empty tank cost.	44.96	172.16
21 22 16 00-0013		Nozzles, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*		
21 22 16 00-0014	EA	1/2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570515)	170.41	14.35
21 22 16 00-0015	EA	3/4" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570516)	174.69	14.35
21 22 16 00-0016	EA	1" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570517)	185.44	14.35
21 22 16 00-0017	EA	1-1/4" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570518)	192.96	14.35
21 22 16 00-0018	EA	1-1/2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570519)	203.69	14.35
21 22 16 00-0019	EA	2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570520)	235.88	14.35
21 22 16 00-0020	EA	1/2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570602)	170.41	14.35
21 22 16 00-0021	EA	3/4" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570603)	174.69	14.35
21 22 16 00-0022	EA	1" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570604)	185.44	14.35
21 22 16 00-0023	EA	1-1/4" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570605)	192.96	14.35
21 22 16 00-0024	EA	1-1/2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570606)	203.69	14.35
21 22 16 00-0025	EA	2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570607)	235.88	14.35
21 22 16 00-0026		Actuation Attachments, Sapphire® Fire Suppression System *(21 22 16 00-0002)*		
21 22 16 00-0027	EA	7/16-20 To 1/4" NPT, Male Actuation Elbow, Sapphire® Fire Suppression System (Ansul 31810)	15.24	4.30
21 22 16 00-0028	EA	7/16-20 To 1/4" NPT, Male Actuation Tee, Sapphire® Fire Suppression System (Ansul 31811)	17.08	4.30
21 22 16 00-0029	EA	1/4" NPT To 7/16-20, Male Actuation Connector, Sapphire® Fire Suppression System (Ansul 32338)	23.11	10.04
21 22 16 00-0030	EA	16" Actuation Hose, Sapphire® Fire Suppression System (Ansul 73597)	54.87	12.86
21 22 16 00-0031	EA	32" Actuation Hose, Sapphire® Fire Suppression System (Ansul 415142)	81.52	12.86
21 22 16 00-0032	EA	42" Actuation Hose, Sapphire® Fire Suppression System (Ansul 430815)	98.51	12.86
21 22 16 00-0033	EA	24", Stainless Steel, Swivel, Braided Actuation Hose, Sapphire® Fire Suppression System (Ansul 32336)	48.73	12.86
21 22 16 00-0034	EA	Pneumatic Actuator Shipping Assembly, Sapphire® Fire Suppression System (Ansul 570537)	337.97	114.77
21 22 16 00-0035	EA	Local Manual Actuator, Sapphire® Fire Suppression System (Ansul 570549)	326.74	86.08
21 22 16 00-0036	EA	Electric Actuator Shipping Assembly, Sapphire® Fire Suppression System (Ansul 570537)	737.33	114.77
21 22 16 00-0037		Nameplates, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*		
21 22 16 00-0038	EA	Warning Plate For Use Outside Room, Sapphire® Fire Suppression Systems (Ansul 570580)	54.46	14.35
21 22 16 00-0039	EA	Warning Plate for Use Inside Room, Sapphire® Fire Suppression Systems (Ansul 570581)	59.31	14.35
21 22 16 00-0040		Cylinder Bracketing, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*		
21 22 16 00-0041	EA	Tank Bracket Assembly For 20 Lb., 40 Lb., 50 Lb., 80 Lb., And 90 Lb., Tanks, Sapphire® Fire Suppression Systems (Ansul 570085)	167.67	43.04
21 22 16 00-0042	EA	Tank Bracket Assembly For 140 Lb., 280 Lb., 390 Lb., And 450 Lb., Tanks, Sapphire® Fire Suppression Systems (Ansul 570085)	177.33	43.04
21 22 16 00-0043	EA	Tank Bracket Assembly For 850 Lb. Tanks, Sapphire® Fire Suppression Systems (Ansul 570336)	189.68	43.04
21 22 16 00-0044		Check Valves, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0045	EA	1" Diameter, Manifold Check Valve, Sapphire® Fire Suppression Systems (Ansul 570566)	455.89	45.68
21 22 16 00-0046	EA	2" Diameter, Manifold Check Valve, Sapphire® Fire Suppression Systems (Ansul 570568)	640.15	78.39
21 22 16 00-0047		**Discharge Hose, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0048	EA	1" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 570539)	142.20	28.70
21 22 16 00-0049	EA	2" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 570538)	537.27	28.70
21 22 16 00-0050	EA	3" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 69990)	452.45	28.70
21 22 16 00-0051	EA	3" Diameter, Discharge Hose And Check Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 69841)	1,977.27	114.77
21 22 16 00-0052		**Swivel Adaptors, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0053	EA	1" Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 570557)	50.82	20.09
21 22 16 00-0054	EA	2" Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 570558)	90.96	20.09
21 22 16 00-0055	EA	3" Flare To 3" Grooved, Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 69471)	254.14	14.35
21 22 16 00-0056	EA	3" Flare To 3" NPT, Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 69470)	328.26	14.35
21 22 16 00-0057		**Pressure Switches, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0058	EA	Cylinder Low Pressure Switch, Sapphire® Fire Suppression Systems (Ansul 570585)	186.16	57.39
21 22 16 00-0059	EA	Pressure Trip, Sapphire® Fire Suppression Systems (Ansul 5156)	188.85	24.10
21 22 16 00-0060	EA	Weather Proof, DPST Pressure Switch, Sapphire® Fire Suppression Systems (Ansul 46250)	579.82	100.42
21 22 16 00-0061		**Level Indicators, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0062	EA	Liquid Level Indicator For 280 Lb. Tanks, Sapphire® Fire Suppression Systems (Ansul 570277)	682.14	20.09
21 22 16 00-0063	EA	Liquid Level Indicator For 390 Lb. And 850 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570278)	714.36	20.09
21 22 16 00-0064	EA	Liquid Level Indicator For 450 Lb. Tanks, Sapphire® Fire Suppression Systems (Ansul 570589)	764.85	28.70
21 22 16 00-0065		**Inspection/Maintenance Devices, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0066	EA	Master Tank Pilot Port Male Adaptor, Sapphire® Fire Suppression Systems (Ansul 570342)	51.61	17.22
21 22 16 00-0067	EA	Cylinder Valve Pressure Gauge, Sapphire® Fire Suppression Systems (Ansul 570642)	64.75	20.09
21 22 16 00-0068	EA	Recharge Top Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570579)	215.31	86.08
21 22 16 00-0069	EA	1" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570576)	252.14	86.08
21 22 16 00-0070	EA	2" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570592)	282.73	86.08
21 22 16 00-0071	EA	3" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 69891)	381.50	86.08
21 22 16 00-0072		**Replacement Parts, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0073	EA	O-Ring Kit, Sapphire® Fire Suppression Systems (Ansul 570559)	61.35	22.96
21 22 16 00-0074	EA	Recoil Cap, Sapphire® Fire Suppression Systems (Ansul 570553)	102.23	14.35
21 22 16 00-0075	EA	Burst Disc Assembly, Sapphire® Fire Suppression Systems (Ansul 570053)	137.38	28.70
21 22 16 00-0076	EA	Bonnet Assembly, Sapphire® Fire Suppression Systems (Ansul 570543)	360.52	114.77
21 22 16 00-0077	EA	Piston Assembly, Sapphire® Fire Suppression Systems (Ansul 570551)	548.38	114.77
21 22 16 00-0078	EA	1" Diameter, Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570535)	1,865.61	114.77
21 22 16 00-0079		**Inergen® Fire Suppression System** *(21 22 16 00-0001)*		
21 22 16 00-0080		**Actuation Attachments, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0081	EA	Flexible Discharge Bend For CV90 And CV98 (200 Bar), Inergen® Fire Suppression System (Ansul 427082)	199.66	28.43
21 22 16 00-0082	EA	Metron Protractor Replacement Cartridges, Inergen® Fire Suppression System (Ansul 423958)	232.26	30.55
21 22 16 00-0083	EA	Electric Actuator, Lever, CV98, Inergen® Fire Suppression System (Ansul 423309)	415.52	55.30
21 22 16 00-0084	EA	Electric Actuator For CV90 Valve, Inergen® Fire Suppression System (Ansul 426876)	834.91	125.94
21 22 16 00-0085		**Check Valves, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0086	EA	2" Diameter, Bronze Check Valve, Weld Neck Flange, Inergen® Fire Suppression System (Ansul 840794)	2,021.14	166.21
21 22 16 00-0087		**Components, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0088	EA	1/2" Diameter, Manifold Relief Valve, Inergen® Fire Suppression System (Ansul 418378)	59.30	8.72
21 22 16 00-0089	EA	Pressure Operated Siren, Inergen® Fire Suppression System (Ansul 419700)	697.82	93.39
21 22 16 00-0090	EA	30 Second Pneumatic Time Delay, Inergen® Fire Suppression System (Ansul 54169)	2,172.22	292.22
21 22 16 00-0091	EA	60 Second Time Delay, Inergen® Fire Suppression System (Ansul 426170)	2,069.38	297.70
21 22 16 00-0092		**Cylinders, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
		Note: Includes CV98 valve. Factory filled with Inergen agent.		
21 22 16 00-0093	EA	200 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426147)	1,810.24	267.44
21 22 16 00-0094	EA	250 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426148)	2,053.51	303.00
21 22 16 00-0095	EA	350 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426620)	2,940.47	392.65
21 22 16 00-0096	EA	435 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426150)	2,940.78	479.81
21 22 16 00-0097	EA	250 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426257)	2,122.91	337.85
21 22 16 00-0098	EA	350 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426621)	3,010.39	427.63
21 22 16 00-0099	EA	435 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426259)	3,103.60	515.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0100		**Inspection/Maintenance Devices, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0101	EA	CV90 Fill Adaptor To CV98 Valve, Conversion Adapter, Inergen® Fire Suppression System (Ansul 423657)	68.35	9.72
21 22 16 00-0102	EA	CV98 To CV90 Conversion Adapter, Cylinder Test Gauge, Inergen® Fire Suppression System (Ansul 426181)	68.35	9.72
21 22 16 00-0103	EA	CV90 Pressure Test Assembly Venting Kit, Inergen® Fire Suppression System (Ansul 426954)	82.48	10.80
21 22 16 00-0104	EA	Pressure Test Gauge, Inergen® Fire Suppression System (Ansul 423923)	1,302.21	185.58
21 22 16 00-0105		**Multiple Cylinder Bracketing, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0106	EA	13" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 418502) Note: For single row 435 cubic foot cylinders.	21.94	2.84
21 22 16 00-0107	EA	27" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 418503) Note: For double row 435 cubic foot cylinders.	31.14	4.06
21 22 16 00-0108		**Nameplates, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0109	EA	Warning Plate, Nameplate, Inside Room With Alarm, Inergen® Fire Suppression System (Ansul 416265)	24.20	3.18
21 22 16 00-0110	EA	Warning Plate, Nameplate, Outside Room Without Alarm, Inergen® Fire Suppression System (Ansul 416266)	22.35	3.18
21 22 16 00-0111		**Nozzle Deflector Shields, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0112	EA	1/2" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417708)	97.18	13.70
21 22 16 00-0113	EA	3/4" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417711)	101.97	14.34
21 22 16 00-0114	EA	1" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417714)	118.48	16.56
21 22 16 00-0115	EA	1-1/4" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417717)	132.05	18.71
21 22 16 00-0116	EA	1-1/2" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417720)	151.48	21.50
21 22 16 00-0117		**Nozzles, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0118	EA	1/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417908)	148.82	21.19
21 22 16 00-0119	EA	3/8" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417723)	154.40	21.82
21 22 16 00-0120	EA	1/2" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417362)	142.42	20.20
21 22 16 00-0121	EA	3/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417363)	145.81	21.82
21 22 16 00-0122	EA	1" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417364)	169.33	24.00
21 22 16 00-0123	EA	1-1/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417365)	181.03	25.56
21 22 16 00-0124	EA	1-1/2" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417366)	194.88	27.43
21 22 16 00-0125	EA	2" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426155)	335.43	48.00
21 22 16 00-0126	EA	2-1/2" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426156)	443.50	62.97
21 22 16 00-0127	EA	3" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426137)	483.45	69.21
21 22 16 00-0128	EA	1/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426138)	173.30	24.92
21 22 16 00-0129	EA	3/8" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426139)	204.43	29.18
21 22 16 00-0130	EA	1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426140)	168.24	24.00
21 22 16 00-0131	EA	3/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426141)	179.72	25.44
21 22 16 00-0132	EA	1" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426142)	181.29	25.56
21 22 16 00-0133	EA	1-1/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426143)	218.84	31.05
21 22 16 00-0134	EA	1-1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426157)	235.85	33.66
21 22 16 00-0135	EA	2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426144)	362.05	51.66
21 22 16 00-0136	EA	2-1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426145)	422.72	60.48
21 22 16 00-0137	EA	3" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426146)	463.20	66.08
21 22 16 00-0138		**Pressure Reducers, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0139	EA	1/2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416677)	194.88	27.43
21 22 16 00-0140	EA	3/4" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416678)	239.08	34.17
21 22 16 00-0141	EA	1" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416679)	257.15	36.79
21 22 16 00-0142	EA	1-1/4" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416680)	362.05	51.66
21 22 16 00-0143	EA	1-1/2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416681)	395.59	56.61
21 22 16 00-0144	EA	2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416682)	464.78	66.08
21 22 16 00-0145	EA	2-1/2" NPT, Orifice Nipple, Pressure Reducer, Inergen® Fire Suppression System (Ansul 417057)	540.38	77.49
21 22 16 00-0146	EA	3" NPT, Orifice Nipple, Pressure Reducer, Inergen® Fire Suppression System (Ansul 417058)	638.87	91.65
21 22 16 00-0147	EA	2-1/2" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426823)	815.01	180.80
21 22 16 00-0148	EA	3" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426824)	1,050.04	211.98
21 22 16 00-0149	EA	4" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426825)	1,340.66	355.37
21 22 16 00-0150	EA	2-1/2" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426847)	794.61	180.80
21 22 16 00-0151	EA	3" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426848)	879.52	126.28
21 22 16 00-0152	EA	4" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426849)	1,340.66	355.37
21 22 16 00-0153	EA	2-1/2" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426853)	811.78	180.80
21 22 16 00-0154	EA	3" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426854)	914.12	131.23
21 22 16 00-0155	EA	4" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426855)	1,314.89	355.37
21 22 16 00-0156		**Pressure Switches, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0157	EA	3PST, Pressure Switch, Inergen® Fire Suppression System (Ansul 842344)	914.95	137.79
21 22 16 00-0158		**Releasing Device Equipment, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0159	EA	12 Or 24 Volt DC, Assembly, Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 17728)	1,500.80	213.76
21 22 16 00-0160	EA	24 Volt DC, Explosion Proof Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 31492)	2,137.07	284.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0161	EA	120 Volt AC, Explosion Proof Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 32525)	2,266.13	289.74
21 22 16 00-0162	EA	Cocking Lever For Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 26310)	105.96	14.73
21 22 16 00-0163	EA	LT-30-R Nitrogen Cartridge, Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 5373)	126.59	19.51
21 22 16 00-0164	EA	Remote Actuator Booster With N2 Cartridge, Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 28939)	1,213.94	152.50
21 22 16 00-0165		**Replacement Orifice Plates, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0166	EA	1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418095)	132.83	14.48
21 22 16 00-0167	EA	3/4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418096)	139.22	15.25
21 22 16 00-0168	EA	1" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418097)	146.18	15.50
21 22 16 00-0169	EA	1-1/4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418098)	156.89	16.03
21 22 16 00-0170	EA	1-1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418099)	163.24	17.58
21 22 16 00-0171	EA	2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418100)	163.96	19.00
21 22 16 00-0172	EA	2-1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426984)	359.37	50.92
21 22 16 00-0173	EA	3" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426985)	362.57	51.44
21 22 16 00-0174	EA	4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426986)	464.78	65.91
21 22 16 00-0175		**Single Cylinder Bracketing, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0176	EA	Strap For 435 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 427704)	169.33	24.00
21 22 16 00-0177	EA	Channel For 435 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 427705) Note: Includes saddle, padding and fasteners.	231.43	54.86
21 22 16 00-0178		**Single Mating Flanges, Flanged Manifold Orifices, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0179	EA	2-1/2" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426856) Note: Includes gasket and fasteners.	441.95	35.48
21 22 16 00-0180	EA	3" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426857) Note: Includes gasket and fasteners.	371.10	52.97
21 22 16 00-0181	EA	4" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426858) Note: Includes gasket and fasteners.	745.97	355.37
21 22 16 00-0182	EA	2-1/2" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426859) Note: Includes gasket and fasteners.	232.68	33.13
21 22 16 00-0183	EA	3" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426860) Note: Includes gasket and fasteners.	273.13	38.65
21 22 16 00-0184	EA	4" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426861) Note: Includes gasket and fasteners.	740.55	355.37
21 22 16 00-0185	EA	2-1/2" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426862) Note: Includes gasket and fasteners.	242.24	34.70
21 22 16 00-0186	EA	3" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426863) Note: Includes gasket and fasteners.	283.79	40.44
21 22 16 00-0187	EA	4" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426864) Note: Includes gasket and fasteners.	767.38	355.37
21 22 16 00-0188	EA	2-1/2" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426828) Note: Includes a stainless steel inner ring and a carbon steel outer ring.	47.56	2.63
21 22 16 00-0189	EA	3" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426829) Note: Includes a stainless steel inner ring and a carbon steel outer ring.	48.07	2.90
21 22 16 00-0190	EA	4" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426830) Note: Includes a stainless steel inner ring and a carbon steel outer ring.	51.77	3.43
21 22 16 00-0191		**Upright And Feet, Cylinder Bracketing, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0192	EA	Center Upright Foot, Inergen® Fire Suppression System (Ansul 418508)	29.66	4.21
21 22 16 00-0193	EA	Double Row, Back-To-Back Rows, Weigh Rail Support, Inergen® Fire Suppression System (Ansul 423027)	243.98	32.05
21 22 16 00-0194	EA	85" High, Cylinder Bracketing For 425 CF And LC100 Cylinders, Inergen® Fire Suppression System (Ansul 426592) Note: Includes upright, left, right and center.	181.74	32.05
21 22 16 00-0195		**Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0001)*		
21 22 16 00-0196		**Accessory Switches, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0197	EA	Abort, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76495)	191.10	27.66
21 22 16 00-0198	EA	Abort, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76494)	217.19	31.53
21 22 16 00-0199	EA	Main/Reserve, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76497)	276.26	40.06
21 22 16 00-0200	EA	Main/Reserve, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76496)	297.56	43.16
21 22 16 00-0201	EA	Maintenance, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76499)	372.60	54.28
21 22 16 00-0202	EA	Maintenance, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76498)	396.56	57.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0203	EA	Explosion Proof, Abort Switch, Autopulse® Fire Detection And Control Equipment (Ansul 65956)	760.10	111.14
21 22 16 00-0204	EA	Single Gang, Surface Mount Back Box For Accessory Switches, Autopulse® Fire Detection And Control Equipment (Ansul 76490)	61.22	8.28
21 22 16 00-0205		**Alarm Devices, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0206	EA	Selectable Candela Strobe, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429698)	165.55	24.04
21 22 16 00-0207	EA	Sync Module, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429699)	242.74	35.16
21 22 16 00-0208	EA	Back Box Extender Adapter, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429702)	22.15	3.20
21 22 16 00-0209		**Annunciators, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0210	EA	80 Character LCD, Annunciator, LCD-80, Autopulse® Fire Detection And Control Equipment (Ansul 417492)	1,907.39	278.89
21 22 16 00-0211	EA	16 Zone Alarm/Trouble, Annunciator Control Module, ACM-16AT, Autopulse® Fire Detection And Control Equipment (Ansul 417496)	1,598.95	233.65
21 22 16 00-0212	EA	16 Zone Alarm/Trouble, Annunciator Expander Module, AEM-16AT, Autopulse® Fire Detection And Control Equipment (Ansul 417497)	1,241.25	181.44
21 22 16 00-0213	EA	32 Zone, Alarm Annunciator Expander Module, AEM-32A, Autopulse® Fire Detection And Control Equipment (Ansul 417500)	1,081.06	157.92
21 22 16 00-0214	EA	Annunciator Lamp Driver Control Module, LDM-32, Autopulse® Fire Detection And Control Equipment (Ansul 417501)	1,081.06	157.92
21 22 16 00-0215	EA	Annunciator Lamp Driver Expander Module, LDM-E32, Autopulse® Fire Detection And Control Equipment (Ansul 417502)	866.03	126.39
21 22 16 00-0216	EA	Annunciator Lamp Driver Relay Module, LDM-R32, Autopulse® Fire Detection And Control Equipment (Ansul 417650)	1,598.95	233.65
21 22 16 00-0217	EA	24", Annunciator Lamp Driver Cable, LDM-CBL24, Autopulse® Fire Detection And Control Equipment (Ansul 417651)	325.22	47.30
21 22 16 00-0218	EA	48", Annunciator Lamp Driver Cable, LDM-CBL48, Autopulse® Fire Detection And Control Equipment (Ansul 417652)	407.72	59.45
21 22 16 00-0219	EA	8 Relay, Annunciator Control Module, ACM-8R, Autopulse® Fire Detection And Control Equipment (Ansul 417653)	817.57	119.41
21 22 16 00-0220	EA	Key Switch, AKS-1 Annunciator Accessory, Autopulse® Fire Detection And Control Equipment (Ansul 417660)	138.14	20.03
21 22 16 00-0221	EA	Low Profile Annunciator Chassis, CHS-4L, Autopulse® Fire Detection And Control Equipment (Ansul 418576) Note: For up to 4 LDM modules.	187.87	27.66
21 22 16 00-0222	EA	Flush, Single Annunciator Back Box, ABF-1, Autopulse® Fire Detection And Control Equipment (Ansul 417657)	325.24	47.30
21 22 16 00-0223		**Autopulse IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0224	EA	CHS-4 Chassis, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419586)	252.74	38.51
21 22 16 00-0225	EA	REL 47K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419639)	15.63	2.64
21 22 16 00-0226	EA	REL 4.7K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419640)	109.54	3.20
21 22 16 00-0227	EA	REL 2.2K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 407765)	16.89	3.20
21 22 16 00-0228		**Autopulse IQ-396X Modules, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0229	EA	Indicating Circuit Expander, IQ-396X Modules, ICE-4, Autopulse® Fire Detection And Control Equipment (Ansul 419564)	561.83	86.33
21 22 16 00-0230	EA	Control Relay Expander, IQ-396X Modules, CRE-4, Autopulse® Fire Detection And Control Equipment (Ansul 419566)	336.81	51.44
21 22 16 00-0231		**Batteries And Power Supplies, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0232	EA	7 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417692)	248.29	33.08
21 22 16 00-0233	EA	12 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417693)	519.24	70.04
21 22 16 00-0234	EA	18 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417694)	585.97	79.35
21 22 16 00-0235	EA	25 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417695)	765.90	96.67
21 22 16 00-0236	EA	55 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417997)	1,234.73	167.75
21 22 16 00-0237	EA	BB-17, Red Battery Box, Autopulse® Fire Detection And Control Equipment (Ansul 418578)	184.73	26.62
21 22 16 00-0238	EA	BB-25, Grey Cabinet, Autopulse® Fire Detection And Control Equipment (Ansul 428079) Note: Holds six XP5 modules or 25AH battery pack.	330.02	48.07
21 22 16 00-0239	EA	BB-55, Red Battery Box, Autopulse® Fire Detection And Control Equipment (Ansul 419410) Note: For mounting in BB-55 battery box.	671.21	97.96
21 22 16 00-0240	EA	Battery Charger, CHG-120, Autopulse® Fire Detection And Control Equipment (Ansul 426207) Note: For mounting in BB-55 battery box.	1,951.30	285.35
21 22 16 00-0241	EA	120 Volt AC, FCPS-24F, Red Remote Power Supply, Autopulse® Fire Detection And Control Equipment (Ansul 418563)	1,427.02	208.58
21 22 16 00-0242		**Intelligent Addressable Devices, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0243	EA	Monitor Module, Intelligent Addressable Devices, FMM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428097)	150.36	22.10
21 22 16 00-0244	EA	Mini Monitor Module, Intelligent Addressable Devices, FMM-101, Autopulse® Fire Detection And Control Equipment (Ansul 428098)	140.44	21.97

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21 22 16 00-0245	EA	Isolator Module, Intelligent Addressable Devices, ISO-X, Autopulse® Fire Detection And Control Equipment (Ansul 417480)	190.34	31.53
21 22 16 00-0246	EA	2-Wire Detector Monitor Module, Intelligent Addressable Devices, FZM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428100)	282.65	41.10
21 22 16 00-0247	EA	NAC Control Module, Intelligent Addressable Devices, FCM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428101)	219.75	33.34
21 22 16 00-0248	EA	Control Relay Module, Intelligent Addressable Devices, FRM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428102)	206.42	32.05
21 22 16 00-0249	EA	Flangeless, Analog Addressable Detector Base, Intelligent Addressable Devices, B501, Autopulse® Fire Detection And Control Equipment (Ansul 417487)	32.88	5.11
21 22 16 00-0250	EA	Analog Addressable Detector Base With Isolator, Intelligent Addressable Devices, B224BI, Autopulse® Fire Detection And Control Equipment (Ansul 426125)	121.34	18.09
21 22 16 00-0251	EA	Harsh Detector, Analog Addressable Detector Base, Intelligent Addressable Devices, B710HD, Autopulse® Fire Detection And Control Equipment (Ansul 427066)	121.37	17.58
21 22 16 00-0252	EA	HPX-751 Detector Filter Cover, Intelligent Addressable Devices, FR-FTX, Autopulse® Fire Detection And Control Equipment (Ansul 427067)	43.10	14.48
21 22 16 00-0253	EA	Low Profile Trim Ring, Intelligent Addressable Devices, F110, Autopulse® Fire Detection And Control Equipment (Ansul 428138) Note: Converts BX501 to low profile base.	11.16	1.60
21 22 16 00-0254	EA	Relay Base, Intelligent Addressable Devices, B224RB, Autopulse® Fire Detection And Control Equipment (Ansul 423945)	116.83	16.93
21 22 16 00-0255	EA	EOL Power Supervision Relay, Intelligent Addressable Devices, Autopulse® Fire Detection And Control Equipment (Ansul 417699)	68.45	9.98
21 22 16 00-0256	EA	XP5 Modules Cabinet, Intelligent Addressable Devices, BB-XP, Autopulse® Fire Detection And Control Equipment (Ansul 428078)	185.26	26.37
21 22 16 00-0257	EA	BB-25 Chassis, Intelligent Addressable Devices, CHS-6, Autopulse® Fire Detection And Control Equipment (Ansul 428080)	96.88	13.95
21 22 16 00-0258		**Manual Pull Stations, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0259	EA	Break Rod Package For Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (Ansul 428661)	27.89	3.75
21 22 16 00-0260	EA	Key Pull Station For Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (Ansul 418336)	17.30	2.06
21 22 16 00-0261		**Transmitter/Relay Modules, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0262	EA	Transmitter Module, 4XTM, Autopulse® Fire Detection And Control Equipment (Ansul 417470) Note: Includes municipal box and remote station connection.	242.74	35.16
21 22 16 00-0263	EA	Relay/Transmitter Module With 8 Form C Relay Contacts, RTM-8, Autopulse® Fire Detection And Control Equipment (Ansul 417471)	730.07	101.06
21 22 16 00-0264	EA	Universal Digital Alarm COM/XMTR Module, UDACT, Autopulse® Fire Detection And Control Equipment (Ansul 419411)	1,393.50	203.67
21 22 16 00-0265	EA	Ferrite Core For Transmitter/Relay Modules, Autopulse® Fire Detection And Control Equipment (Ansul 419635)	37.16	5.28
21 22 16 00-0266		**Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0001)*		
21 22 16 00-0267		**Batteries And Power Supplies, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0268	EA	Transformer Only, VSP-TRAN-120, Vesda® Aspirating Smoke Detection System (Ansul 430482)	188.96	24.82
21 22 16 00-0269	EA	Battery Cabinet, VBC-001, Vesda® Aspirating Smoke Detection System (Ansul 430379)	402.49	37.41
21 22 16 00-0270	EA	120 Volt AC, Single Zone Power Supply With Housing, VPS-100US-120, Vesda® Aspirating Smoke Detection System (Ansul 430374)	1,050.70	144.74
21 22 16 00-0271	EA	220 Volt AC, Single Zone Power Supply With Housing, VPS-100US-220, Vesda® Aspirating Smoke Detection System (Ansul 430375)	1,050.70	144.74
21 22 16 00-0272	EA	120 Volt AC, Multi Zone Power Supply, VPS-300US-120, Vesda® Aspirating Smoke Detection System (Ansul 430376) Note: Includes housing and battery cab.	1,578.68	217.11
21 22 16 00-0273	EA	220 Volt AC, Multi Zone Power Supply, VPS-300US-220, Vesda® Aspirating Smoke Detection System (Ansul 430377) Note: Includes housing and battery cab.	1,578.68	217.11
21 22 16 00-0274	EA	48 Volt DC, Multi Zone Power Supply With Housing, VPS-400US-48, Vesda® Aspirating Smoke Detection System (Ansul 430378)	2,307.54	276.56
21 22 16 00-0275		**Blank Plates, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0276	EA	Blank Plate Without VESDA Logo, VSP-300, Vesda® Aspirating Smoke Detection System (Ansul 430459)	33.88	4.65
21 22 16 00-0277	EA	Blank Plate With VESDA Logo, VSP-000, Vesda® Aspirating Smoke Detection System (Ansul 430458)	51.18	4.65
21 22 16 00-0278	EA	Blank Plate, EMC Painted Without Logo, VSP-200, Vesda® Aspirating Smoke Detection System (Ansul 430484)	74.21	8.79
21 22 16 00-0279	EA	Single Blank Plate, VRE-001, Vesda® Aspirating Smoke Detection System (Ansul 430446)	115.71	9.83
21 22 16 00-0280	EA	Double Blank Plate, VRE-002, Vesda® Aspirating Smoke Detection System (Ansul 430447)	145.27	19.64
21 22 16 00-0281	EA	Blank Plate Without FOK LED's And Logo, VSP-100, Vesda® Aspirating Smoke Detection System (Ansul 430480)	269.48	24.82
21 22 16 00-0282		**Detectors, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0283	EA	LaserPLUS, Detector Only, Enclosure, VLP-000, Vesda® Aspirating Smoke Detection System (Ansul 430350) Note: Includes 3 blank plates.	7,931.16	1,214.80
21 22 16 00-0284	EA	LaserPLUS Detector, VLP-012, Vesda® Aspirating Smoke Detection System (Ansul 430354) Note: Includes centrally mounted LCD programmer module and standard display.	10,120.93	1,499.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0285	EA	LaserPLUS Detector, VLP-010, Vesda® Aspirating Smoke Detection System (Ansul 430356) Note: Includes centrally mounted LCD programmer.	9,151.14	1,369.88
21 22 16 00-0286	EA	7-Relay Version, LaserSCANNER Detector Only, VLS-200, Vesda® Aspirating Smoke Detection System (Ansul 430357)	12,727.58	1,809.28
21 22 16 00-0287	EA	12-Relay Version, LaserSCANNER Detector Only, VLS-300, Vesda® Aspirating Smoke Detection System (Ansul 430358)	13,399.76	1,912.67
21 22 16 00-0288	EA	7-Relay Version, LaserSCANNER Detector Only, VLS-600, Vesda® Aspirating Smoke Detection System (Ansul 430359) Note: Includes 1 fire alarm (any SCT) and OK/FOK LEDs.	12,867.45	1,835.12
21 22 16 00-0289	EA	12-Relay Version, LaserSCANNER Detector Only, VLS-700, Vesda® Aspirating Smoke Detection System (Ansul 430360) Note: Includes 1 fire alarm (any SCT) and OK/FOK LED.	13,589.60	1,938.52
21 22 16 00-0290	EA	7-Relay, LaserSCANNER Detector Only, VLS-204, Vesda® Aspirating Smoke Detection System (Ansul 430361) Note: Includes 2 blank plates and scan display module at far right.	13,977.20	2,016.05
21 22 16 00-0291	EA	12-Relay, LaserSCANNER Detector, VLS-304, Vesda® Aspirating Smoke Detection System (Ansul 430363) Note: Includes 2 blank plates and scanner display.	14,583.18	2,119.45
21 22 16 00-0292	EA	7-Relay, LaserSCANNER Detector, VLS-214, Vesda® Aspirating Smoke Detection System (Ansul 430365) Note: Includes centrally mounted programmer module.	15,328.37	2,222.83
21 22 16 00-0293	EA	12-Relay, LaserSCANNER Detector, VLS-314, Vesda® Aspirating Smoke Detection System (Ansul 430367) Note: Includes centrally mounted LCD programmer module and scanner display module.	15,982.65	2,326.22
21 22 16 00-0294	EA	12-Relay, LaserSCANNER Detector, VLS-310, Vesda® Aspirating Smoke Detection System (Ansul 430369) Note: Includes centrally mounted LCD programmer.	15,022.63	2,119.45
21 22 16 00-0295		**Displays, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0296	EA	VRT-200 Display, Standard Version, Vesda® Aspirating Smoke Detection System (Ansul 430381) Note: Includes a remote termination card and 7 relays.	2,415.22	284.31
21 22 16 00-0297	EA	VRT-400 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430385) Note: Includes a remote termination card and 7 relays.	2,427.04	284.31
21 22 16 00-0298	EA	VRT-600 Display, Standard Version, Vesda® Aspirating Smoke Detection System (Ansul 430383) Note: Includes a remote termination card without relays.	2,187.26	258.47
21 22 16 00-0299	EA	VRT-700 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430387) Note: Includes a remote termination card.	2,200.99	258.47
21 22 16 00-0300	EA	VRT-800 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430389) Note: Includes a remote termination card and 12 relays.	2,720.81	310.17
21 22 16 00-0301	EA	VRT-K00 Display, Compact Version Without Relays, Vesda® Aspirating Smoke Detection System (Ansul 430391)	2,312.01	268.81
21 22 16 00-0302	EA	VRT-J00 Display, Compact Version With 7 Relays, Vesda® Aspirating Smoke Detection System (Ansul 430393)	2,530.62	301.89
21 22 16 00-0303		**Intelligent Addressable Devices, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0304	EA	LaserCOMPACT (VN), VESDAnet Version Plus Relay Output, VLC-505, Vesda® Aspirating Smoke Detection System (Ansul 430370)	6,069.93	852.95
21 22 16 00-0305	EA	LaserCOMPACT (RO), Relay Only Version, VLC-500, Vesda® Aspirating Smoke Detection System (Ansul 430372)	4,999.55	682.36
21 22 16 00-0306	EA	Programmer With Remote Termination Card, VRT-100, Vesda® Aspirating Smoke Detection System (Ansul 430380)	1,767.24	258.47
21 22 16 00-0307	EA	VESDAnet Socket, VRT-300, Vesda® Aspirating Smoke Detection System (Ansul 430395)	1,272.70	168.00
21 22 16 00-0308	EA	System Relay Module, VRT-S07, Vesda® Aspirating Smoke Detection System (Ansul 430399)	1,773.38	226.42
21 22 16 00-0309	EA	PC-Link High-Level Interface, VHX-0200, Vesda® Aspirating Smoke Detection System (Ansul 430442) Note: Interface connects PC and LaserPLUS system.	2,537.12	279.15
21 22 16 00-0310	EA	Modem Cable, PC-HLI To Modem Connection, VHX-00090, Vesda® Aspirating Smoke Detection System (Ansul 430443)	334.53	41.87
21 22 16 00-0311	EA	Hand-Held Programmer, VHH-1000, Vesda® Aspirating Smoke Detection System (Ansul 430444)	2,237.48	258.47
21 22 16 00-0312	EA	Programmer Module, VSP-001, Vesda® Aspirating Smoke Detection System (Ansul 430460)	1,597.42	214.53
21 22 16 00-0313	EA	VESDAnet Socket Kit, VSP-003, Vesda® Aspirating Smoke Detection System (Ansul 430463)	1,254.66	165.42
21 22 16 00-0314	EA	Standard Display Module, VSP-002, Vesda® Aspirating Smoke Detection System (Ansul 430461)	1,599.99	214.53
21 22 16 00-0315	EA	Scanner Display Module, VSP-004, Vesda® Aspirating Smoke Detection System (Ansul 430464)	1,597.42	214.53
21 22 16 00-0316	EA	Remote Display Module, Compact (VN), VSP-502, Vesda® Aspirating Smoke Detection System (Ansul 430487)	1,579.77	201.61
21 22 16 00-0317	EA	Filter Cartridge, VSP-005, Vesda® Aspirating Smoke Detection System (Ansul 430466)	188.20	18.09
21 22 16 00-0318	EA	Detector Chassis Assembly, VSP-006, Vesda® Aspirating Smoke Detection System (Ansul 430467)	7,632.47	992.52
21 22 16 00-0319	EA	Scanner Chassis Assembly, VSP-009, Vesda® Aspirating Smoke Detection System (Ansul 430470)	13,299.46	1,736.91
21 22 16 00-0320	EA	Aspirator For LaserPLUS And Laser Scanner, VSP-015, Vesda® Aspirating Smoke Detection System (Ansul 430475)	1,039.42	129.23
21 22 16 00-0321	EA	Filter Cover, VSP-019, Vesda® Aspirating Smoke Detection System (Ansul 430477)	23.66	2.59
21 22 16 00-0322	EA	Cover Screws, 17606, Vesda® Aspirating Smoke Detection System (Ansul 430478)	13.38	0.51
21 22 16 00-0323	EA	US Power Supply Circuit Board Only, VSP-100, Vesda® Aspirating Smoke Detection System (Ansul 430481)	572.53	74.95
21 22 16 00-0324	EA	Relay Processor Module (DRP), VSP-102, Vesda® Aspirating Smoke Detection System (Ansul 430483)	693.62	90.98
21 22 16 00-0325	EA	Aspirator, LaserCOMPACT, VSP-501, Vesda® Aspirating Smoke Detection System (Ansul 430486)	1,001.28	131.82
21 22 16 00-0326	EA	RO-Cable For LaserCOMPACT Relay Only, (RO) Version, VSP-509, Vesda® Aspirating Smoke Detection System (Ansul 430488)	147.53	19.64
21 22 16 00-0327	EA	Miniature Sampling Point, E700-SP, Vesda® Aspirating Smoke Detection System (Ansul 430502)	23.02	4.14
21 22 16 00-0328		**Labels And Decals, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0329	EA	Sampling Point Labels, Roll Of 35, E700-SP-DCL-PIPE, Vesda® Aspirating Smoke Detection System (Ansul 430509)	20.93	3.10
21 22 16 00-0330	EA	Round Point Label, Roll Of 50, E700-SP-DCL-PNT, Vesda® Aspirating Smoke Detection System (Ansul 430505)	21.98	3.61
21 22 16 00-0331	EA	Red, Round, Miniature Sampling Point Label, Sheet Of 12, E700-SPLR, Vesda® Aspirating Smoke Detection System (Ansul 430506)	33.88	4.65
21 22 16 00-0332	EA	Grey, Round, Miniature Sampling Point Label, Sheet Of 12, E700-SPLG, Vesda® Aspirating Smoke Detection System (Ansul 430507)	33.93	4.65

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21 22 16 00-0333	EA	Sampling Point Decal, Wrap-Around Style, Roll Of 200, E700-SP-DCL, Vesda® Aspirating Smoke Detection System (Ansul 430508)	123.00	17.58
21 22 16 00-0334		**Mounting Hardware, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0335	EA	Remote Mounting Single Box With Escutcheon Only, VKT-000, Vesda® Aspirating Smoke Detection System (Ansul 430456)	303.86	37.22
21 22 16 00-0336	EA	Recessed Mounting Kit For Remote Single Boxes, VSP-012, Vesda® Aspirating Smoke Detection System (Ansul 430472)	409.40	49.62
21 22 16 00-0337	EA	Recessed Mounting Kit For VLP Or VLS Detector, VSP-011, Vesda® Aspirating Smoke Detection System (Ansul 430471)	418.80	54.28
21 22 16 00-0338	EA	Remote 19 Sub Rack With 4 Blank Plates, VSR-0000, Vesda® Aspirating Smoke Detection System (Ansul 430457)	1,019.51	77.54
21 22 16 00-0339	EA	Sub Rack Enclosure, VRE-100, Vesda® Aspirating Smoke Detection System (Ansul 430445)	1,499.64	170.59
21 22 16 00-0340		**Pipe And Fittings, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0341	LF	3/4" Diameter, Orange Chlorinated Polyvinyl Chloride (CPVC) Pipe, Vesda® Aspirating Smoke Detection System (Ansul 430491)	6.39	1.92
21 22 16 00-0342	EA	3/4", End Cap, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430497)	10.94	3.84
21 22 16 00-0343	EA	3/4", 45 Degree Elbow, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430494)	30.12	11.52
21 22 16 00-0344	EA	3/4", 90 Degree Elbow, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430493)	31.09	11.52
21 22 16 00-0345	EA	3/4", Coupling, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430495)	21.41	7.68
21 22 16 00-0346	EA	3/4", Union, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430496)	34.46	11.52
21 22 16 00-0347	EA	3/4", Tee, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430498)	46.24	17.28
21 22 16 00-0348	EA	3/4" x 1/2" FPT, Tee, Chlorinated Polyvinyl Chloride (CPVC), Vesda® Aspirating Smoke Detection System (Ansul 430499)	57.76	20.28
21 22 16 00-0349	LF	1/2" OD x 3/8" ID, Black Polyethylene Tubing, Vesda® Aspirating Smoke Detection System (Ansul 430500)	5.49	1.87
21 22 16 00-0350	EA	Pipe Adapters, Metric-To-Imperial, VSP-021, Vesda® Aspirating Smoke Detection System (Ansul 430479)	21.93	5.69
21 22 16 00-0351	EA	Capillary Kit, 1 Male 1/2" TH x 1/2" OD, 1 Female 1/2" OD, Plastic, E700-CAP KIT, Vesda® Aspirating Smoke Detection System (Ansul 430503)	26.79	4.14
21 22 16 00-0352	EA	Capillary Kit, 1 Male 1/2" TH x 1/2" OD, 1 Female 1/2" OD, Brass, Vesda® Aspirating Smoke Detection System (Ansul 430504)	38.43	5.69
21 22 16 00-0353		**Remote Termination And Relay Cards, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0354	EA	VRT-500, Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430396) Note: Remote box includes 7 relays for VLP/VLC.	1,754.36	198.51
21 22 16 00-0355	EA	VN, Compact Termination Card, VSP-515, Vesda® Aspirating Smoke Detection System (Ansul 430490)	1,788.05	228.49
21 22 16 00-0356	EA	12-Relay, Remote Termination Card, VSP-208, Vesda® Aspirating Smoke Detection System (Ansul 430485)	1,082.28	139.57
21 22 16 00-0357	EA	RO, Compact Termination Card, VSP-510, Vesda® Aspirating Smoke Detection System (Ansul 430489)	1,236.66	157.67
21 22 16 00-0358	EA	VRT-501, Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430397) Note: Remote box includes 7 relays for VLS.	1,754.36	198.51
21 22 16 00-0359	EA	VRT-900 Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430398) Note: Remote box includes 12 relays for VLS.	2,117.12	228.49
21 22 16 00-0360	EA	Remote Termination Card Without Relay, VSP-007, Vesda® Aspirating Smoke Detection System (Ansul 430468)	600.52	70.30
21 22 16 00-0361	EA	Remote Termination Card (RTC7), VSP-008, Vesda® Aspirating Smoke Detection System (Ansul 430469)	903.22	107.52
21 22 16 00-0362	EA	7-Relay, Head Termination Card, VSP-014, Vesda® Aspirating Smoke Detection System (Ansul 430474)	1,700.97	222.29
21 22 16 00-0363	EA	12-Relay, Head Termination Card, VSP-016, Vesda® Aspirating Smoke Detection System (Ansul 430476)	2,495.36	325.67
21 22 16 00-0364		**Preferred® Low Pressure CO2 System** *(21 22 16 00-0001)*		
21 22 16 00-0365		**Manual Pull Stations, Preferred® Low Pressure CO2 System** *(21 22 16 00-0364)*		
21 22 16 00-0366	EA	Addressable, DPST, Dual Action Pull Station, Preferred® Low Pressure CO2 System (Ansul 428658) Note: Excludes FMM-101.	134.71	18.09
21 22 16 00-0367	EA	Weatherproof Back Box For Manual Pull Stations, Preferred® Low Pressure CO2 System (Ansul 428659)	100.76	13.44
21 22 16 00-0368		**Industrial Fire Control System** *(21 22 16 00-0001)*		
21 22 16 00-0369		**Alarm Devices, Industrial Fire Control System** *(21 22 16 00-0368)*		
21 22 16 00-0370	EA	Explosion Proof Alarm Horn, Alarm Devices, Industrial Fire Control System (Ansul 65947)	3,260.15	476.88
21 22 16 00-0371	EA	6", 115 Volt AC Alarm Bell For Release Systems, Alarm Devices, Industrial Fire Control System (Ansul 24751)	99.75	10.96
21 22 16 00-0372	EA	24 Volt AC, Multitone Horn, Alarm Devices, Industrial Fire Control System (Ansul 429697)	98.49	14.22
21 22 16 00-0373	EA	Weatherproof Surface Back Box For Horn And Strobe, Alarm Devices, Industrial Fire Control System (Ansul 429700)	58.66	8.53
21 22 16 00-0374	EA	Semi-Flush Plate, Alarm Devices, Industrial Fire Control System (Ansul 429701)	23.98	3.46
21 22 16 00-0375		**Manual Pull Stations, Industrial Fire Control System** *(21 22 16 00-0368)*		
21 22 16 00-0376	EA	SPST, Dual Action Pull Station, Industrial Fire Control System (Ansul 428655)	111.31	14.99

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0377	EA	DPST, Dual Action Pull Station, Industrial Fire Control System (Ansul 428656)	156.94	21.19
21 22 16 00-0378	EA	Explosion Proof, DPDT, Dual Action Pull Station, Industrial Fire Control System (Ansul 428657)	1,225.28	166.45
21 22 16 00-0379	EA	Surface Mounted Back Box For Manual Pull Stations, Industrial Fire Control System (Ansul 428660)	35.62	4.81
21 22 16 00-0380	EA	Extra Pull Station Labels For Manual Pull Stations, Industrial Fire Control System (Ansul 428654)	15.97	2.14
21 22 16 00-0381		Marine Fire Control System *(21 22 16 00-0001)*		
21 22 16 00-0382		Alarm Devices, Marine Fire Control System *(21 22 16 00-0381)*		
21 22 16 00-0383	EA	Weatherproof Surface Mount Back Box For Alarm Accessories, Alarm Devices, Marine Fire Control System (Ansul 24747)	64.57	8.69
21 22 16 00-0384	EA	6", 24 Volt DC, Alarm Bell, Alarm Devices, Marine Fire Control System (Ansul 417805)	118.96	16.80
21 22 16 00-0385	EA	10", 24 Volt DC, Alarm Bell, Alarm Devices, Marine Fire Control System (Ansul 417806)	118.96	16.80
21 22 16 00-0386		FM200 System Equipment *(21 22 16)*		
21 22 16 00-0387	EA	26 Lb. Cylinder, Filled, For FM200 Fire Protection system	3,830.17	124.69
21 22 16 00-0388	EA	44 Lb. Cylinder, Filled, For FM200 Fire Protection system	5,493.94	142.77
21 22 16 00-0389	EA	63 Lb. Cylinder, Filled, For FM200 Fire Protection system	6,521.63	168.33
21 22 16 00-0390	EA	101 Lb. Cylinder, Filled, For FM200 Fire Protection system	8,645.65	199.50
21 22 16 00-0391	EA	196 Lb. Cylinder, Filled, For FM200 Fire Protection system	13,519.82	249.38
21 22 16 00-0392	EA	Electro/Mechanical Release, For FM200 Fire Protection system	824.30	249.38
21 22 16 00-0393	EA	Manual Pull Station, For FM200 Fire Protection system	287.89	82.92
21 22 16 00-0394	EA	Pneumatic Damper Release, For FM200 Fire Protection system	355.27	62.35
21 22 16 00-0395	LB	FM200 Gas	29.71	
21 22 16 00-0396	EA	Master Cylinder, For FM200 Fire Protection system	6,262.56	67.08
21 22 16 00-0397	EA	Shuttle Check Valve, For FM200 Fire Protection system	891.81	93.77
21 22 16 00-0398	EA	Flex Head Cylinder, For FM200 Fire Protection system	888.08	100.50
21 22 16 00-0399	EA	Nozzles, For FM200 Fire Protection system	220.29	35.54
21 22 16 00-0400	EA	Cylinder Support, For FM200 Fire Protection system	255.81	67.08
21 22 16 00-0401	EA	Solenoid Valve, For FM200 Fire Protection system	1,153.30	100.50
21 22 16 00-0402	EA	Battery Back-Up, For FM200 Fire Protection system	851.89	265.09
21 22 16 00-0403	EA	Control Panel, Single Zone, For FM200 Fire Protection system	4,522.47	498.01
21 22 16 00-0404	EA	Control Panel, Multi Zone, For FM200 Fire Protection system	7,311.34	997.15
21 22 16 00-0405	EA	Smoke Or Heat Detector, For FM200 Fire Protection system	358.02	100.50
21 22 16 00-0406	EA	Annunciator, For FM200 Fire Protection system	3,664.78	377.44
21 22 16 00-0407	EA	Pressure Switch, For FM200 Fire Protection system	389.31	100.50
21 22 16 00-0408	EA	Alarm Horn, For FM200 Fire Protection system	355.00	100.50
21 22 16 00-0409	EA	Testing, For FM200 Fire Protection system	1,649.38	
21 22 16 00-0410	EA	Abort Switch, For FM200 Fire Protection system	247.41	46.75

21 23 Wet-Chemical Fire-Extinguishing Systems *(21 20)*

21 23 16 Wet-Chemical Fire-Extinguishing Equipment *(21 23)*

21 23 16 00-0001 Kidde Fire Systems *(21 23 16)*

Note: Kidde or equal.

21 23 16 00-0002 Cylinders And Hardware *(21 23 16 00-0001)*

21 23 16 00-0003	EA	125 Cylinder And Valve Assembly With 1.25 Gallon of Wet Agent	1,152.75	103.29
21 23 16 00-0004	EA	260 Cylinder And Valve Assembly With 2.6 Gallon Of Wet Agent	1,320.92	128.65
21 23 16 00-0005	EA	400S And M Cylinder And Valve Assembly With 4 Gallon Of Wet Agent	1,618.20	158.73
21 23 16 00-0006	EA	600 And L Cylinder And Valve Assembly With 6 Gallon Of Wet Agent	1,910.55	188.34
21 23 16 00-0007	EA	Discharge Adapter Kit (One Required Per Cylinder)	64.75	5.40
21 23 16 00-0008	EA	System Valve Actuator	231.85	21.47
21 23 16 00-0009	EA	Vent Plug	43.37	4.36
21 23 16 00-0010	EA	Gauge Shield	99.55	11.48
21 23 16 00-0011	EA	125 Cylinder Wall Mounting Bracket	119.33	11.48
21 23 16 00-0012	EA	260 Cylinder Wall Mounting Bracket	126.50	12.16
21 23 16 00-0013	EA	400S And M Cylinder Wall Mounting Bracket	240.53	22.96
21 23 16 00-0014	EA	600 And 400M Cylinder Shelf Bracket	235.15	26.06
21 23 16 00-0015	EA	600 And 400M Cylinder Floor Mounting Kit	295.13	26.11
21 23 16 00-0016	EA	125 And 260 Cylinder Replacement Bracket Strap	39.93	
21 23 16 00-0017	EA	400 And 600 Cylinder Replacement Bracket Strap	42.12	
21 23 16 00-0018		Nozzles And Accessories *(21 23 16 00-0001)*		
21 23 16 00-0019	EA	ADP, F, GRW Or R Nozzle	106.95	10.56
21 23 16 00-0020	EA	LPF Or DM Nozzle	116.58	10.56
21 23 16 00-0021	EA	LPR Nozzle	136.43	10.56
21 23 16 00-0022	EA	3/8" Swivel Adapter For Nozzles	80.39	7.46
21 23 16 00-0023	EA	Removal And Replacement Of Nozzle Seals	12.65	
21 23 16 00-0024	EA	Chrome Nozzle Disc Cap	7.81	0.68
21 23 16 00-0025	EA	LPR Nozzle Disc Cap	38.51	10.50
21 23 16 00-0026		Control Systems *(21 23 16 00-0001)*		
21 23 16 00-0027	EA	XV Control System Note: Includes (1) SVA, (1) system cartridge, (1) test cartridge, (1) EMT connector kit, (1) SPDT microswitch kit, and (1) SPDT microswitch kit.	1,255.95	68.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0028	EA	7-1/2" High Pressure Hose (Required for cylinder mounted XV Control System)	106.12	11.48
21 23 16 00-0029	EA	24" High Pressure Hose	125.81	11.48
21 23 16 00-0030	EA	60" High Pressure Hose	169.58	11.48
21 23 16 00-0031	EA	XV Solenoid Kit (Electric Actuator), 24 Volt DC	245.05	22.96
21 23 16 00-0032	EA	XV Microswitch Kit, SPDT	80.66	10.79
21 23 16 00-0033	EA	XV Microswitch Kit, SPDT, Terminal Type, For Alarm/Release	87.23	10.79
21 23 16 00-0034	EA	EMT Connector Kit (EMT Connector And O-Ring)	34.73	8.61
21 23 16 00-0035	EA	KRS-50 Control Box Assembly Note: Includes (1) SVA, (2) CO2 cartridges, (2) set screws, (1) grommet, (1) cover label, and (1) exhaust fan caution label.	706.04	44.47
21 23 16 00-0036	EA	SPDT Microswitch For KRS-50	112.12	10.79
21 23 16 00-0037	EA	DPDT Microswitch For KRS-50	203.15	18.71
21 23 16 00-0038	EA	SPDT Pressure Switch (Fire Department Tie-In)	622.90	60.03

21 23 16 00-0039 Mechanical Actuation Components *(21 23 16 00-0001)*

21 23 16 00-0040	EA	Universal Detector Link Housing Kit, Mechanical Actuation Systems Note: Includes (1) bracket (11-3/4"), (2) "S" hook, and (2) cable crimp sleeves.	67.19	17.22
21 23 16 00-0041	EA	XV Low Profile Link Detector Housing Kit Note: Includes (1) bracket, (2) 1/2" EMT connectors, (4) cable crimp sleeves, and (1) S hook.	91.33	17.22
21 23 16 00-0042	EA	XV Or KRS-50 Remote Manual Release, Combination Pull-To-Trip/Release-To-Trip	250.54	11.48
21 23 16 00-0043	EA	XV Remote Manual Release, Pull-To-Trip	191.46	11.48
21 23 16 00-0044	EA	Corner Pulley, Mechanical Actuation Systems	31.24	3.10
21 23 16 00-0045	EA	Double Tee Pulley, Mechanical Actuation Systems	440.53	18.94
21 23 16 00-0046	EA	In-Line Tee Pulley, Mechanical Actuation Systems	52.41	5.05
21 23 16 00-0047	EA	Corner Pulley / Quik-Seal Adapter Combination	101.20	5.74
21 23 16 00-0048	LF	1/16" Cable, Mechanical Actuation Systems	2.90	1.15
21 23 16 00-0049	EA	Cable Clamp	14.28	0.57
21 23 16 00-0050	EA	Cable Crimp Sleeve, Mechanical Actuation Systems	1.96	0.46
21 23 16 00-0051	EA	"S" Hook, Mechanical Actuation Systems	1.88	0.46
21 23 16 00-0052	EA	1/2" EMT x 3/8" NPT Adapter, Mechanical Actuation Systems	111.85	10.67

21 23 16 00-0053 Mechanical Detection Links *(21 23 16 00-0001)*

21 23 16 00-0054	EA	KGS Standard Response Link	22.66	5.74
21 23 16 00-0055	EA	KGS Rapid Response Link	33.83	5.74
21 23 16 00-0056	EA	KFA Type "A" Fusible Link	28.82	5.74
21 23 16 00-0057	EA	KML Type "ML" Fusible Link	26.80	5.74
21 23 16 00-0058	EA	500 Degree, KML Type "ML" Fusible Link	39.93	5.74

21 23 16 00-0059 Gas Valves *(21 23 16 00-0001)*

21 23 16 00-0060	EA	3/4" Diameter NPT, Mechanical Cable Operated Gas Shut-off Valve	513.94	24.79
21 23 16 00-0061	EA	1" Diameter NPT, Mechanical Cable Operated Gas Shut-off Valve	558.22	30.53
21 23 16 00-0062	EA	1-1/4" Diameter NPT, Mechanical Cable Operated Gas Shut-off Valve	639.87	38.56
21 23 16 00-0063	EA	1-1/2" Diameter NPT, Mechanical Cable Operated Gas Shut-off Valve	701.48	44.41
21 23 16 00-0064	EA	2" Diameter NPT, Mechanical Cable Operated Gas Shut-off Valve	756.16	52.45
21 23 16 00-0065	EA	2-1/2" Diameter NPT, Mechanical Cable Operated Gas Shut-off Valve	1,257.38	76.67
21 23 16 00-0066	EA	3" Diameter NPT, Mechanical Cable Operated Gas Shut-off Valve	1,402.99	88.72
21 23 16 00-0067	EA	Pneumatic Release (Single Unit)	583.87	28.00
21 23 16 00-0068	EA	Removal And Replacement Of Cable Block And Set Screw Assembly For Gas Valve	65.36	
21 23 16 00-0069	EA	1/2" Diameter, Electric Solenoid Gas Shut-off Valve	537.45	23.07
21 23 16 00-0070	EA	3/4" Diameter, Electric Solenoid Gas Shut-off Valve	540.92	24.79
21 23 16 00-0071	EA	1" Diameter, Electric Solenoid Gas Shut-off Valve	837.62	30.53
21 23 16 00-0072	EA	1-1/4" Diameter, Electric Solenoid Gas Shut-off Valve	884.59	38.56
21 23 16 00-0073	EA	1-1/2" Diameter, Electric Solenoid Gas Shut-off Valve	1,015.57	44.41
21 23 16 00-0074	EA	2" Diameter, Electric Solenoid Gas Shut-off Valve	1,307.26	52.45
21 23 16 00-0075	EA	2-1/2" Diameter, Electric Solenoid Gas Shut-off Valve	2,164.95	76.67
21 23 16 00-0076	EA	3" Diameter, Electric Solenoid Gas Shut-off Valve	2,722.91	88.72
21 23 16 00-0077	EA	Manual Reset Relay	702.82	115.34

21 23 16 00-0078 Liquid Tight Sealing Adapters *(21 23 16 00-0001)*

21 23 16 00-0079	EA	3/8" Tubing, Compression Seal Adapter	57.80	4.82
21 23 16 00-0080	EA	1/2" Diameter Tubing, 1/4" Diameter Pipe, Compression Seal Adapter	56.73	5.28
21 23 16 00-0081	EA	5/8" Diameter Tubing, 3/8" Diameter Pipe, Compression Seal Adapter	66.55	6.31
21 23 16 00-0082	EA	3/4" Diameter Tubing, 1/2" Diameter Pipe, Compression Seal Adapter	77.04	6.78
21 23 16 00-0083	EA	1/2" Electrical Metallic Tubing (EMT), Compression Seal Adapter	66.55	6.31
21 23 16 00-0084	EA	3/8" NPT Female, Quik-Seal Adapter	56.73	5.28
21 23 16 00-0085	EA	1/2" NPT Female, Quik-Seal Adapter	56.73	5.28
21 23 16 00-0086	EA	3/4" NPT Female, Quik-Seal Adapter	93.01	8.95
21 23 16 00-0087	EA	1" NPT Female, Quik-Seal Adapter	123.87	11.82
21 23 16 00-0088	EA	Quik-Patch For Hole Patching Up To 1-1/8" Diameter	56.73	

21 23 16 00-0089 Pressure Operated Releasing Systems *(21 23 16 00-0001)*

21 23 16 00-0090	EA	KRS-100 Nitrogen Cylinder	414.20	34.67
21 23 16 00-0091	EA	KRS-100 Actuator Assembly	369.34	35.35
21 23 16 00-0092	EA	KRS-100 Mounting Bracket	298.67	8.72
21 23 16 00-0093	EA	KRS-700S Nitrogen Cylinder	1,061.20	99.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0094	EA	KRS-700 Mounting Bracket	225.84	21.35
21 23 16 00-0095	EA	KRS-700S Discharge Adapter Kit	347.04	21.35
21 23 16 00-0096	EA	Check Valve, Pressure Operated Releasing Systems	346.27	15.15
21 23 16 00-0097	EA	Vent Check, Pressure Operated Releasing Systems	104.16	9.65
21 23 16 00-0098	EA	Removal And Replacement Of Receiver Gasket For KRS-100 Actuator Assembly	13.81	
21 23 16 00-0099	EA	3 Pole, Double Throw Pressure Switch	850.51	80.34
21 23 16 00-0100		**Pyro-Chem Kitchen Fire Suppression Systems** *(21 23 16)*		
21 23 16 00-0101		**Cylinders, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0102	EA	3.0 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551194)	1,031.86	81.48
21 23 16 00-0103	EA	4.6 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551193)	1,486.33	117.41
21 23 16 00-0104	EA	6.0 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551196)	1,949.82	160.56
21 23 16 00-0105	EA	Cylinder Mounting Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550053)	210.69	19.17
21 23 16 00-0106	EA	Enclosure With Mechanical Control Unit, Kitchen Fire Suppression Systems (Pyro-Chem 551208)	1,387.38	125.33
21 23 16 00-0107	EA	Enclosure For Secondary Cylinders, Kitchen Fire Suppression Systems (Pyro-Chem 550966)	847.08	76.44
21 23 16 00-0108		**Fusible Links, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0109	EA	165 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551522)	27.35	2.53
21 23 16 00-0110	EA	212 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551523)	27.35	2.53
21 23 16 00-0111	EA	280 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551524)	28.03	2.53
21 23 16 00-0112	EA	360 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551525)	27.35	2.53
21 23 16 00-0113	EA	450 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551526)	27.35	2.53
21 23 16 00-0114	EA	500 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551527)	29.81	2.53
21 23 16 00-0115	EA	Fusible Link Kit With 10" Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550131)	47.38	4.25
21 23 16 00-0116	EA	Fusible Link Kit With 8" Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550132)	61.49	5.63
21 23 16 00-0117	EA	Fusible Link Hanger, Kitchen Fire Suppression Systems (Pyro-Chem 550876)	68.51	29.04
21 23 16 00-0118	EA	225 To 600 Fahrenheit, Electrical Thermal Detector, Kitchen Fire Suppression Systems (Pyro-Chem 13970-6)	588.33	64.62
21 23 16 00-0119		**Gas Valves, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0120	EA	3/4" Diameter, Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550593)	500.40	24.79
21 23 16 00-0121	EA	1" Diameter, Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550594)	569.26	30.53
21 23 16 00-0122	EA	1-1/4" Diameter, Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550595)	612.72	38.56
21 23 16 00-0123	EA	1-1/2" Diameter, Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550596)	673.41	44.30
21 23 16 00-0124	EA	2" Diameter, Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 551049)	774.23	52.34
21 23 16 00-0125	EA	2-1/2" Diameter, Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550185)	1,817.28	76.55
21 23 16 00-0126	EA	3" Diameter, Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550186)	1,937.07	88.60
21 23 16 00-0127	EA	3/4" Diameter, Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550358)	391.06	24.79
21 23 16 00-0128	EA	1" Diameter, Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550359)	670.39	30.53
21 23 16 00-0129	EA	1-1/4" Diameter, Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550360)	697.43	38.56
21 23 16 00-0130	EA	1-1/2" Diameter, Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550361)	793.63	44.30
21 23 16 00-0131	EA	2" Diameter, Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550362)	1,102.17	52.34
21 23 16 00-0132	EA	2-1/2" Diameter, Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550363)	2,139.73	76.55
21 23 16 00-0133	EA	3" Diameter, Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 17643)	2,254.09	88.60
21 23 16 00-0134		**Nozzles, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0135	EA	Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem)	98.18	8.50
21 23 16 00-0136	EA	Swivel Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem)	139.83	10.79
21 23 16 00-0137	EA	Stainless Steel Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem)	549.63	10.79
21 23 16 00-0138		**Actuating Cylinders/Cartridges, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0139	EA	Carbon Dioxide Actuation Cartridge, Kitchen Fire Suppression Systems (Pyro-Chem 551059)	36.19	3.33
21 23 16 00-0140	EA	PAC-10, Pneumatic Actuating Cylinder, Kitchen Fire Suppression Systems (Pyro-Chem 550104)	1,185.76	107.77
21 23 16 00-0141	EA	PAC-200, Pneumatic Actuating Cylinder, Kitchen Fire Suppression Systems (Pyro-Chem 550690)	1,510.83	137.84
21 23 16 00-0142		**Circuit Monitors, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0143	EA	24 Volt DC, System Circuit Monitor/Gas Valve Reset Relay, Kitchen Fire Suppression Systems (Pyro-Chem 550303)	775.11	70.58
21 23 16 00-0144	EA	120 Volt AC, System Circuit Monitor/Gas Valve Reset Relay, Kitchen Fire Suppression Systems (Pyro-Chem 550302)	935.28	85.05
21 23 16 00-0145		**Control Heads, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0146	EA	Mechanical Control Head, No Local Action, Kitchen Fire Suppression Systems (Pyro-Chem 551203)	855.18	77.82
21 23 16 00-0147	EA	Mechanical Control Head With Local Action, Kitchen Fire Suppression Systems (Pyro-Chem 551200)	892.50	81.37
21 23 16 00-0148	EA	24 Volt DC, Electrical Control Head With Local Actuation, Kitchen Fire Suppression Systems (Pyro-Chem 551201)	1,162.64	105.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0149	EA	120 Volt AC Electrical Control Head With Local Actuation, Kitchen Fire Suppression Systems (Pyro-Chem 551202)	1,333.65	121.66
21 23 16 00-0150	EA	Control Head Mounting Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550853)	108.32	9.87
21 23 16 00-0151		**Corner Pulleys/Tees, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0152	EA	Set Screw Type, Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 415670)	27.34	1.61
21 23 16 00-0153	EA	Compression Type, Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 423250)	28.08	2.06
21 23 16 00-0154	EA	Tee Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 550166)	86.87	7.92
21 23 16 00-0155	EA	Removal And Replacement Of Screw For Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 550272)	1.08	
21 23 16 00-0156		**Switches, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0157	EA	SPDT Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550227)	94.48	8.61
21 23 16 00-0158	EA	DPDT Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550237)	189.24	17.10
21 23 16 00-0159	EA	Four Pole Double Throw Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550978)	400.48	36.27
21 23 16 00-0160		**Wire Rope/Accessories, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0161	LF	1/16" Diameter Stainless Steel Wire Rope, Kitchen Fire Suppression Systems (Pyro-Chem 15821)	1.90	0.34
21 23 16 00-0162	EA	Crimps For 1/16" Diameter Stainless Steel Wire Rope, Kitchen Fire Suppression Systems (Pyro-Chem 550122)	1.08	0.34
21 23 16 00-0163	EA	High Temperature Stainless Steel Crimps, Kitchen Fire Suppression Systems (Pyro-Chem 551551)	4.70	0.46
21 23 16 00-0164	EA	"S" Hooks, Kitchen Fire Suppression Systems (Pyro-Chem 550121)	0.77	
21 23 16 00-0165		**Replacement Parts, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0166	EA	Wet Valve Rebuilding Kit, Kitchen Fire Suppression Systems (Pyro-Chem 550698)	89.73	8.27
21 23 16 00-0167	EA	Wet Valve Cap With Schrader Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550831)	93.68	8.61
21 23 16 00-0168	EA	Wet Spring, Kitchen Fire Suppression Systems (Pyro-Chem 550705)	10.99	1.04
21 23 16 00-0169	EA	225 psi, Wet Gauge, Kitchen Fire Suppression Systems (Pyro-Chem 551236)	129.01	11.25
21 23 16 00-0170	EA	Wet Valve O-ring, Kitchen Fire Suppression Systems (Pyro-Chem 550716)	18.06	1.61
21 23 16 00-0171	EA	Wet Piston, Kitchen Fire Suppression Systems (Pyro-Chem 550707)	25.13	2.30
21 23 16 00-0172	EA	Wet Piston O-Ring, Kitchen Fire Suppression Systems (Pyro-Chem 550715)	10.99	1.04
21 23 16 00-0173	EA	Wet Nozzle Cap, Kitchen Fire Suppression Systems (Pyro-Chem 551528)	15.47	1.38
21 23 16 00-0174	EA	Wet Nozzle Strainer, Kitchen Fire Suppression Systems (Pyro-Chem 551529)	15.12	1.38
21 23 16 00-0175	EA	Wet Nozzle Cap O-Ring, Kitchen Fire Suppression Systems (Pyro-Chem 551530)	4.33	0.34
21 23 16 00-0176	EA	Removal And Replacement Of Teflon Washer For Control Head Actuator, Kitchen Fire Suppression Systems (Pyro-Chem 550257)	7.32	
21 23 16 00-0177	EA	O-Ring Lubrication, Kitchen Fire Suppression Systems (Pyro-Chem 550063)	139.94	
21 23 16 00-0178	EA	3.0 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 551024)	957.22	
21 23 16 00-0179	EA	4.6 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 550902)	1,240.76	
21 23 16 00-0180	EA	6.0 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 550901)	1,432.03	
21 23 16 00-0181		**Accessories, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0182	EA	3/8" Quickseal Adapter, Kitchen Fire Suppression Systems (Pyro-Chem 550857)	43.97	3.91
21 23 16 00-0183	EA	1/2" Quickseal Adapter, Kitchen Fire Suppression Systems (Pyro-Chem 550859)	45.54	4.13
21 23 16 00-0184	EA	Wet Valve Tool, Kitchen Fire Suppression Systems (Pyro-Chem 550788)	87.70	7.92
21 23 16 00-0185	EA	Recharge Adapter Kit, Kitchen Fire Suppression Systems (Pyro-Chem 551240)	124.09	
21 23 16 00-0186	EA	3.0 Gallon Of Wet Chemical For Recharge, Kitchen Fire Suppression Systems (Pyro-Chem 551188)	266.74	
21 23 16 00-0187		**Pull Stations/Accessories, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0188	EA	Mechanical, Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 551074)	177.13	16.18
21 23 16 00-0189	EA	Electric, Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 551166)	187.61	22.72
21 23 16 00-0190	EA	Trim Ring For Flush Mounting Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 550088)	47.38	4.25
21 23 16 00-0191	EA	Glass Rods For Pull Stations, Kitchen Fire Suppression Systems (Pyro-Chem 428661)	6.06	1.49
21 23 16 00-0192		**Asco Gas Valve Control Panels** *(21 23 16)*		
21 23 16 00-0193	EA	Relay Control Panel For AC Solenoid Valves (Asco 108D90C)	2,669.70	252.50
21 23 16 00-0194	EA	Relay Control Panel For DC Solenoid Valves (Asco 108D10C)	2,759.57	252.50
21 23 16 00-0195	EA	Master Control Station For Relay Control Panel For DC Solenoid Valves (Asco 216C89)	900.89	57.39
21 23 16 00-0196	EA	Emergency Stop Station For Relay Control Panel (Asco 173A19)	842.18	57.39

21 24 Dry-Chemical Fire-Extinguishing Systems *(21 20)*

21 24 16 Dry-Chemical Fire-Extinguishing Equipment *(21 24)*

21 24 16 00-0001		**Amerex KP Restaurant Fire Suppression Systems** *(21 24 16)* Note: Amerex or equal.		
21 24 16 00-0002	EA	3.75 Gallon, Charged, Agent Cylinder Assembly With Discharge Valve	711.78	89.07
21 24 16 00-0003	EA	6 Gallon, Charged, Agent Cylinder Assembly With Discharge Valve	995.27	112.30
21 24 16 00-0004	EA	Recharge 3.75 Gallon - KP Liquid Agent	236.38	
21 24 16 00-0005	EA	Recharge 6 Gallon - KP Liquid Agent	415.52	
21 24 16 00-0006	EA	3.75 Gallon, Bracket Assembly Agent Cylinder With Distribution Hose Assembly And Distribution Outlet	165.47	18.70
21 24 16 00-0007	EA	6 Gallon, Bracket Assembly Agent Cylinder	96.39	10.85
21 24 16 00-0008	EA	6 Gallon, 3/4 NPT, Agent Cylinder Discharge Adapter Kit	41.80	
21 24 16 00-0009	EA	6 Gallon, Pneumatic Actuator, Agent Cylinder	165.47	18.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 24 16 00-0010	EA	MRM Actuator (Less N2 Cylinder And Enclosure)	415.52	46.87
21 24 16 00-0011	EA	Painted Steel, MRM Enclosure	221.44	24.93
21 24 16 00-0012	EA	Stainless Steel, MRM Enclosure	271.54	24.93
21 24 16 00-0013	EA	Stainless Steel, Single Cylinder System Cabinet	659.37	74.41
21 24 16 00-0014	EA	N2 - 1/4" x 16" Actuation Hose	49.76	5.61
21 24 16 00-0015	EA	10 CU. Inch, Nitrogen Cylinder	221.45	24.93
		Note: Use For 1-10 Agent Cylinders		
21 24 16 00-0016	EA	Vent Check	39.81	4.49
21 24 16 00-0017	EA	Detector	29.85	3.36
		Note: Includes bracket, linkage and conduit fittings.		
21 24 16 00-0018	EA	280 To 450 Degree F, Fusible Link	11.20	1.25
21 24 16 00-0019	EA	Test Link	3.40	
21 24 16 00-0020	EA	Corner Pulley	15.43	1.74
21 24 16 00-0021	EA	1/16", 500 Foot Spool, Cable	248.81	28.05
21 24 16 00-0022	EA	Pulley Tee	111.96	12.59
21 24 16 00-0023	EA	Manual Pull Station (Standard)	99.52	11.22
21 24 16 00-0024	EA	Manual Recess Standard Pull Station, Adapter Kit	46.68	5.23
21 24 16 00-0025	EA	Manual Pull Station (Oversized)	110.97	12.47
21 24 16 00-0026	EA	Conduit Offset	22.14	2.50
21 24 16 00-0027	EA	3/8" Diameter Pipe Thread, Seal (Quick-Seal)	30.50	3.49
21 24 16 00-0028	EA	1/2" Diameter Pipe Thread, Seal (Quick-Seal	24.89	2.87
21 24 16 00-0029	EA	3/8" Diameter Pipe Compression Seal	41.55	4.74
21 24 16 00-0030	EA	1/2" Diameter Pipe Compression Seal	41.55	4.74
21 24 16 00-0031	EA	Standard Cap, Nozzle Blow-Off	11.27	3.24
21 24 16 00-0032	EA	High Temperature Cap, Nozzle Blow-Off	27.65	3.24
21 24 16 00-0033	EA	2 Flow Points, Fryer/Griddle Nozzle	49.76	5.61
21 24 16 00-0034	EA	1 Flow Point Each, Appliance, Plenum Nozzle	49.76	5.61
21 24 16 00-0035	EA	Nozzle - Solid Fuel Charbroiler - 1 To 1-1/2 Flow Points Each	49.76	5.61
21 24 16 00-0036	EA	1/2 Flow Points Each, Upright Charbroiler Nozzle	49.76	5.61
21 24 16 00-0037	EA	2 Flow Points Each, Duct (Only) Nozzle	49.76	5.61
21 24 16 00-0038	EA	2 Flow Points Each, Four Burner Range Nozzle	71.56	8.10
21 24 16 00-0039	EA	3/4" Or 1" Diameter, Mechanical Gas Valve	399.41	33.03
21 24 16 00-0040	EA	1-1/4" Or 1-1/2" Diameter, Mechanical Gas Valve	467.87	47.98
21 24 16 00-0041	EA	2" Diameter, Mechanical Gas Valve	583.59	56.71
21 24 16 00-0042	EA	Manual Reset Relay (Required With Every Electric Gas Valve)	627.00	70.67
21 24 16 00-0043	EA	SPDT Microswitch With 18" Leads	33.00	3.74
21 24 16 00-0044	EA	Kit Gas Valve Actuator For Use With ASCO Mechanical Gas Valve	53.25	5.98
21 24 16 00-0045	EA	Gas Valve Trip Assembly	111.96	12.59
21 24 16 00-0046		**Range Guard Fire Suppression Systems** *(21 24 16)*		
		Note: Range Guard or equal.		
21 24 16 00-0047	EA	1-1/4 Gallon Charged Cylinder With Valve	755.18	96.29
21 24 16 00-0048	EA	2-1/2 Gallon Charged Cylinder With Valve	942.69	120.17
21 24 16 00-0049	EA	4 Gallon Charged Cylinder With Valve	1,163.79	148.40
21 24 16 00-0050	EA	6 Gallon Charged Cylinder With Valve	1,382.34	176.18
21 24 16 00-0051	EA	Vent Plug	31.71	4.02
21 24 16 00-0052	EA	Discharge Adapter Kit	40.86	
21 24 16 00-0053	EA	1-1/4 Gallon Wall Bracket	84.05	10.67
21 24 16 00-0054	EA	2-1/2 Gallon Wall Bracket	88.97	11.37
21 24 16 00-0055	EA	4 Gallon Wall Bracket	168.00	21.47
21 24 16 00-0056	EA	6 Gallon Wall Bracket	186.21	23.76
21 24 16 00-0057	EA	Mechanical Control Head, No Microswitch	656.90	83.78
21 24 16 00-0058	EA	Mechanical Control Head, 1 Microswitch	685.35	87.34
21 24 16 00-0059	EA	Mechanical Control Head, 2 Microswitches	786.22	100.19
21 24 16 00-0060	EA	Tandem Control Head	597.42	76.21
21 24 16 00-0061	EA	Electric Control Head, 120 Volt AC / 24 Volt DC	1,011.22	128.89
21 24 16 00-0062	EA	Mechanical Control Box	450.00	57.39
21 24 16 00-0063	EA	Tandem Control Box	450.00	57.39
21 24 16 00-0064	EA	Mechanical Control Box Adapter	131.90	16.87
21 24 16 00-0065	EA	A+ Control head With 1 Pressure Operated Actuator	396.38	50.50
21 24 16 00-0066	EA	Pressure Operated Actuator	162.93	20.77
21 24 16 00-0067	EA	BMCS-1 Nitrogen Cylinder	263.79	33.63
21 24 16 00-0068	EA	BMCS-1 Actuator Assembly	268.97	34.31
21 24 16 00-0069	EA	BMCS-1 Mounting Bracket	65.95	8.38
21 24 16 00-0070	EA	BMCS-7 Nitrogen Cylinder	761.17	96.98
21 24 16 00-0071	EA	BMCS-7 Mounting Bracket	162.93	20.77
21 24 16 00-0072	EA	BMCS-7 Discharge Adapter Kit	162.93	20.77
21 24 16 00-0073	EA	Check Valve	134.98	24.68
21 24 16 00-0074	EA	Vent Check For Use With BMCS Systems	73.71	9.41
21 24 16 00-0075	EA	Check Valve, (Schrader Flare Fitting) For Pressure Operated Actuator	32.07	4.09
21 24 16 00-0076	EA	Removal And Replacement Of Receiver Gasket For BMCS-Actuator Assembly	8.43	
21 24 16 00-0077	EA	Pneumatic Control Head For Slave Cylinders	168.10	21.47
21 24 16 00-0078	EA	Nozzles; ADP, F, R And GRW	77.06	9.87
21 24 16 00-0079	EA	Nozzles; DM And LPF	85.86	10.90
21 24 16 00-0080	EA	Swivel Adapter	54.30	6.89
21 24 16 00-0081	EA	Corner Pulley	23.27	2.98
21 24 16 00-0082	LF	1/16" Stainless Steel Cable	0.99	0.34
21 24 16 00-0083	EA	Cable Crimp Sleeve	1.21	0.34
21 24 16 00-0084	EA	"S" Hook	0.96	0.23
21 24 16 00-0085	EA	Electrical Metallic Tubing (EMT) Adapter, 1/2" Electrical Metallic Tubing (EMT) x 3/8" NPT	80.14	10.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 24 16 00-0086	EA	Cable Clamp	7.14	0.92
21 24 16 00-0087	EA	Nico Sleeves - 1/16" Cable	0.98	0.23
21 24 16 00-0088	EA	3/8" Cable Anchor	84.70	10.79
21 24 16 00-0089	EA	1/2" Cable Anchor	84.70	10.79
21 24 16 00-0090	EA	Mechanical Remote Manual Release (Pull Cable)	137.01	17.45
21 24 16 00-0091	EA	Tee Pulley, Use For Mechanical Pull And Gas Valve	146.21	18.60
21 24 16 00-0092	EA	Surface Remote Manual Release, End-of-line	171.29	21.81
21 24 16 00-0093	EA	Surface Remote Manual Release, In line Conservation Kit	53.67	6.89
21 24 16 00-0094	EA	Surface Remote Manual Release, In line And End Of Line	224.89	28.57
21 24 16 00-0095	EA	Recessed Remote Manual Release, End-of-line	171.29	21.81
21 24 16 00-0096	EA	Recessed Remote Manual Release, In Line Kit	204.22	26.06
21 24 16 00-0097	EA	Pulley Tee, Remote In Line Only	36.70	4.70
21 24 16 00-0098	EA	Fusible Link Housing Kit With 1 - Bracket, 2 - 1/2" Electrical Metallic Tubing (EMT) Connector, 1 - "S" Hook, 8 - Cable Crimp Sleeve	40.75	5.17
21 24 16 00-0099	EA	Fusible Link 165F To 360F	13.34	1.72
21 24 16 00-0100	EA	Fusible Link 500F	21.34	1.72
21 24 16 00-0101	EA	Standard Detector With 1 - 360F link, 2 - "S" Hooks, 2 - Crimp Sleeves	40.75	5.17
21 24 16 00-0102	EA	Standard Detector Kit With 1 - Large Bracket, 2 - "S" Hooks, 2 - Cable Crimp Sleeve	29.67	5.17
21 24 16 00-0103	EA	Quartzoid Link 400 F	219.73	28.00
21 24 16 00-0104	EA	Quartzoid Link 500 F	219.73	28.00
21 24 16 00-0105	EA	SPDT Micro Switch For Use With A Plus Control Box	78.74	9.99
21 24 16 00-0106	EA	DPDT Micro Switch For Use With A Plus Control Box	137.01	17.45
21 24 16 00-0107	EA	SPDT Micro Switch For Use With A Mechanical Control Box	81.43	10.33
21 24 16 00-0108	EA	DPDT Micro Switch For Use With A Mechanical Control Box	141.12	18.02
21 24 16 00-0109	EA	SPDT Micro Switch For Use With PRCB	103.40	13.20
21 24 16 00-0110	EA	DPDT Micro Switch For Use With PRCB	149.15	18.94
21 24 16 00-0111	EA	Pressure Switch, SPDT (Fire Dept. Tie In)	436.87	55.67
21 24 16 00-0112	EA	Circuit Monitor 12 Or 24 Volt DC	196.45	25.02
21 24 16 00-0113	EA	Circuit Monitor 120 Volt AC	196.45	25.02
21 24 16 00-0114	EA	Electric Manual Pull Station	143.47	18.24
21 24 16 00-0115	EA	6", 24 Volt DC, Motor Bell	80.13	10.22
21 24 16 00-0116	EA	10", 115 Volt AC Motor Bell	113.74	14.46
21 24 16 00-0117	EA	Fuse, 1.2 For ECH	9.21	1.15
21 24 16 00-0118	EA	Indicator Lamp 12 Or 24 Volt DC	40.75	5.17
21 24 16 00-0119	EA	Indicator Lamp 120 Volt AC	40.75	5.17
21 24 16 00-0120	EA	B-10 Manual Station Dual Action, SPDT	149.93	19.05
21 24 16 00-0121	EA	B-11 Manual Station Dual Action, DPDT	165.44	21.11
21 24 16 00-0122	EA	Break Rods For B10/B11 Manual Pull Station	4.16	1.49
21 24 16 00-0123	EA	Spare Key For B10/B11 Manual Stations	20.69	2.64
21 24 16 00-0124	EA	MT-24-LSM-VAR Multitone Signal With 15/75cd Strobe, 24 Volt, Flush Grill	222.30	28.35
21 24 16 00-0125	EA	Suppression Abort Station	235.24	29.95
21 24 16 00-0126	EA	Suppression Abort Station With Surface Mount Back Box	274.00	34.89
21 24 16 00-0127	EA	Surface Mount Back Box	90.48	11.48
21 24 16 00-0128	EA	Single Hazard Control Unit, 120 Volt AC IP	1,680.22	213.82
21 24 16 00-0129	EA	Single Hazard Control Unit, 240 Volt AC IP	1,680.22	213.82
21 24 16 00-0130	EA	1 Lead Acid Battery; 24 Volt DC, 1.2 A.H.	139.58	17.79
21 24 16 00-0131	EA	Accessory Kit - End-of-line Resistors (10K Ohms, 1/2 W)	5.34	0.81
21 24 16 00-0132	EA	Spare Scorpio Circuit Board	1,214.86	
21 24 16 00-0133	EA	Extra Scorpio Key	20.69	
21 24 16 00-0134	EA	Extra Scorpio Manual	12.92	
21 24 16 00-0135	EA	3/8" Diameter Pipe Compression Seal Adapter	35.16	4.48
21 24 16 00-0136	EA	1/2" Diameter Tubing, 1/4" Diameter Pipe Compression Seal Adapter	38.16	4.82
21 24 16 00-0137	EA	5/8" Diameter Tubing, 3/8" Diameter Pipe Compression Seal Adapter	45.91	5.85
21 24 16 00-0138	EA	3/4" Diameter Tubing, 1/2" Diameter Pipe Compression Seal Adapter	49.11	6.20
21 24 16 00-0139	EA	Quik Seal Adapter 3/8" NPT Female	38.16	4.82
21 24 16 00-0140	EA	Quik Seal Adapter 1/2" NPT Female	38.16	4.82
21 24 16 00-0141	EA	Quik Seal Adapter 3/4" NPT Female	65.29	8.38
21 24 16 00-0142	EA	Quik Seal Adapter 1" NPT Female	86.59	11.01
21 24 16 00-0143	EA	Up To 1-1/8" Diameter Quik Patch	38.16	4.82
21 24 16 00-0144	EA	1-1/4 Gallon Karbaloy Charge	84.95	
21 24 16 00-0145	EA	2-1/2 Gallon Karbaloy Charge	146.04	
21 24 16 00-0146	EA	4 Gallon Karbaloy Charge	220.74	
21 24 16 00-0147	EA	6 Gallon Karbaloy Charge	323.01	
21 24 16 00-0148	EA	Inlet Flushing Adapter	63.33	8.03
21 24 16 00-0149	EA	1/2" Flushing Adapter (Outlet)	63.33	8.03
21 24 16 00-0150	EA	1/8" Flushing Adapter (Outlet)	63.33	8.03
21 24 16 00-0151	EA	1/4" Flushing Adapter (Outlet)	63.33	8.03
21 24 16 00-0152	EA	3/8" Flushing Adapter (Outlet)	63.33	8.03
21 24 16 00-0153	EA	Recharge Adapter (Old Style Cylinder Valve Assembly Only)	87.88	
21 24 16 00-0154	EA	Instruction Label (In Case Of Fire) - MCB	6.99	
21 24 16 00-0155	EA	Caution Sign (Turn On Fan)	8.43	
21 24 16 00-0156	EA	Inspection Label, Authorized Installers Only	5.83	
21 24 16 00-0157	EA	Label, Warning, A+ Control Box	4.10	
21 24 16 00-0158	EA	Wet Chemical System Kits, RG-1.25G Kit; #23315	1,111.48	141.51
21 24 16 00-0159	EA	Wet Chemical System Kits, RG-2.5G Kit; #23316	1,297.60	165.15
21 24 16 00-0160	EA	Wet Chemical System Kits, RG-4GS Kit; #23317	1,615.56	205.67
21 24 16 00-0161	EA	Wet Chemical System Kits, RG-4GT Kit; #23318	1,615.56	205.67
21 24 16 00-0162	EA	Wet Chemical System Kits, RG-6G Kit; #23319	2,031.72	258.58
21 24 16 00-0163	EA	Wet Chemical System Kits, RG Mechanical Control HD (MCH) Kit; #23320	962.87	122.57
21 24 16 00-0164	EA	Wet Chemical System Kits, RG Mechanical Control Box (MCB) Kit; #23321	904.70	115.11
21 24 16 00-0165	EA	Wet Chemical System Kits, A Plus Control Box Kit; #23322	731.51	93.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 24 16 00-0166	EA	Wet Chemical System Kits, Valve Rebuild Kit; #23210	1,266.57	161.26
21 24 16 00-0167	EA	Wet Chemical System Kits, BMCS-1 Package; #23208	1,160.59	147.71

21 30 Fire Pumps *(21)*

21 31 Centrifugal Fire Pumps *(21 30)*

21 31 13 Electric-Drive, Centrifugal Fire Pumps *(21 31)*

21 31 13 00-0001 Electric-Drive Fire Pumps *(21 31 13)*

Note: Includes fire pump and motor, motor starter, panel, and controller.

21 31 13 00-0002	EA	20 HP, 500 GPM, Electric-Drive Fire Pump	23,005.19	2,240.77
		For Duplex Pumping System, Add	*20,764.43*	
21 31 13 00-0003	EA	30 HP, 500 GPM, Electric-Drive Fire Pump	26,471.23	2,520.85
		For Duplex Pumping System, Add	*24,137.11*	
21 31 13 00-0004	EA	40 HP, 750 GPM, Electric-Drive Fire Pump	35,321.15	2,800.95
		For Duplex Pumping System, Add	*32,727.68*	
21 31 13 00-0005	EA	50 HP, 1,000 GPM, Electric-Drive Fire Pump	43,754.49	3,264.95
		For Duplex Pumping System, Add	*40,489.55*	
21 31 13 00-0006	EA	75 HP, 1,000 GPM, Electric-Drive Fire Pump	48,735.31	3,561.76
		For Duplex Pumping System, Add	*45,173.55*	

21 31 16 Diesel-Drive, Centrifugal Fire Pumps *(21 31)*

21 31 16 00-0001 Diesel-Drive Fire Pumps *(21 31 16)*

Note: Pumps shall be stand alone units meeting NFPA-20 specs. Includes fire pump and motor, motor starter, panel, and controller.

21 31 16 00-0002	EA	30 HP Diesel Driven Fire Pump, NFPA-20 Specific	82,635.70	2,671.33
21 31 16 00-0003	EA	40 HP Diesel Driven Fire Pump, NFPA-20 Specific	93,476.36	2,968.14
21 31 16 00-0004	EA	50 HP Diesel Driven Fire Pump, NFPA-20 Specific	98,224.74	3,264.95
21 31 16 00-0005	EA	75 HP Diesel Driven Fire Pump, NFPA-20 Specific	111,769.63	3,561.76
21 31 16 00-0006	EA	150 HP Diesel Driven Fire Pump, NFPA-20 Specific	118,655.53	4,155.39
21 31 16 00-0007	EA	175 HP Diesel Driven Fire Pump, NFPA-20 Specific	127,764.59	5,342.64
21 31 16 00-0008	EA	200 HP Diesel Driven Fire Pump, NFPA-20 Specific	138,691.18	5,936.27
21 31 16 00-0009	EA	250 HP Diesel Driven Fire Pump, NFPA-20 Specific	158,588.82	6,767.35
21 31 16 00-0010	EA	300 HP Diesel Driven Fire Pump, NFPA-20 Specific	189,911.49	7,301.62
21 31 16 00-0011	EA	350 HP Diesel Driven Fire Pump , NFPA-20 Specific	222,805.22	8,310.78
21 31 16 00-0012	EA	400 HP Diesel Driven Fire Pump , NFPA-20 Specific	264,400.61	8,904.41
21 31 16 00-0013	EA	500 HP Diesel Driven Fire Pump , NFPA-20 Specific	297,706.97	9,498.03

21 34 Fire Pump Accessories *(21 30)*

21 34 13 Pressure Maintenance Pumps *(21 34)*

21 34 13 00-0001 Jockey Pumps *(21 34 13)*

Note: Excludes controller

21 34 13 00-0002	EA	1-1/2 HP, 1-1/2" Diameter Pipe Connection, Jockey Pump	2,861.85	307.67
21 34 13 00-0003	EA	2 HP, 1-1/2" Diameter Pipe Connection, Jockey Pump	2,987.60	336.44
21 34 13 00-0004	EA	3 HP, 1-1/2" Diameter Pipe Connection, Jockey Pump	3,674.04	371.86
21 34 13 00-0005	EA	5 HP, 1-1/2" Diameter Pipe Connection, Jockey Pump	4,036.47	442.69
21 34 13 00-0006	EA	7.5 HP, 1-1/2" Diameter Pipe Connection, Jockey Pump	5,935.25	544.51

21 34 13 00-0007 Jockey Pump Controllers *(21 34 13)*

21 34 13 00-0008	EA	Up To 2 HP Jockey Pump Controller	759.46	88.54
21 34 13 00-0009	EA	>2 To 7.5 HP Jockey Pump Controller	1,166.04	88.54

END OF SECTION 21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 Plumbing

Note: Where required, mechanical equipment excludes electrical connection unless title states otherwise.

22 01 Operation and Maintenance of Plumbing *(22)*

22 01 10 Operation and Maintenance of Plumbing Piping and Pumps *(22 01)*

See CSI section 23 01 20 00-0000 for purging of pipes and shutdown.

22 01 10 61 Plumbing Piping Repairs *(22 01 10)*

22 01 10 61-0001 Pipe Repair Clamps *(22 01 10 61)*

22 01 10 61-0002	EA	1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	47.73
22 01 10 61-0003	EA	3/4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	49.62
22 01 10 61-0004	EA	1" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	54.55
22 01 10 61-0005	EA	1-1/4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	58.17
22 01 10 61-0006	EA	1-1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	62.95
22 01 10 61-0007	EA	2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	80.21
22 01 10 61-0008	EA	2-1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	101.73
22 01 10 61-0009	EA	3" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	117.93
22 01 10 61-0010	EA	4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	135.11
22 01 10 61-0011	EA	1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	75.61
22 01 10 61-0012	EA	3/4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	79.62
22 01 10 61-0013	EA	1" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	88.13
22 01 10 61-0014	EA	1-1/4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	96.86
22 01 10 61-0015	EA	1-1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	106.73
22 01 10 61-0016	EA	2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	137.80
22 01 10 61-0017	EA	2-1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	166.71
22 01 10 61-0018	EA	3" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	189.50
22 01 10 61-0019	EA	4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	214.78
22 01 10 61-0020	EA	1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	107.65
22 01 10 61-0021	EA	3/4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	111.90
22 01 10 61-0022	EA	1" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	123.63
22 01 10 61-0023	EA	1-1/4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	135.60
22 01 10 61-0024	EA	1-1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	153.10
22 01 10 61-0025	EA	2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	187.01
22 01 10 61-0026	EA	2-1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	218.89
22 01 10 61-0027	EA	3" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	263.56
22 01 10 61-0028	EA	4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	324.98
22 01 10 61-0029	EA	5" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	333.14
22 01 10 61-0030	EA	6" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	357.14

22 01 10 61-0031 Replace Drain Covers *(22 01 10 61)*

22 01 10 61-0032	EA	4-3/4" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	61.01
22 01 10 61-0033	EA	4-7/8" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	61.03
22 01 10 61-0034	EA	5" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	43.62
22 01 10 61-0035	EA	5-1/4" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	69.56
22 01 10 61-0036	EA	5-1/2" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	69.43
22 01 10 61-0037	EA	6" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	52.36
22 01 10 61-0038	EA	6-1/4" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	60.44
22 01 10 61-0039	EA	6-3/8" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	84.29
22 01 10 61-0040	EA	6-1/2" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	66.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 01 10 61-0041	EA	6-5/8" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	67.83	
22 01 10 61-0042	EA	6-3/4" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	70.02	
22 01 10 61-0043	EA	6-7/8" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	92.02	
22 01 10 61-0044	EA	7" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	75.32	
22 01 10 61-0045	EA	7-1/4" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	78.92	
22 01 10 61-0046	EA	7-1/2" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	84.18	
22 01 10 61-0047	EA	7-3/4" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	87.49	
22 01 10 61-0048	EA	7-7/8" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	111.39	
22 01 10 61-0049	EA	8" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	94.64	
22 01 10 61-0050	EA	8-1/4" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	99.34	
22 01 10 61-0051	EA	8-1/2" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	102.92	
22 01 10 61-0052	EA	8-3/4" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	114.30	
22 01 10 61-0053	EA	9" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	134.73	
22 01 10 61-0054	EA	9-1/4" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	147.85	
22 01 10 61-0055	EA	9-1/2" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	156.10	
22 01 10 61-0056	EA	9-5/8" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	183.62	
22 01 10 61-0057	EA	9-3/4" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	166.25	
22 01 10 61-0058	EA	10" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	167.72	
22 01 10 61-0059	EA	10-1/4" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	190.51	
22 01 10 61-0060	EA	10-3/8" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	190.78	
22 01 10 61-0061	EA	10-1/2" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	191.24	
22 01 10 61-0062	EA	10-3/4" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	192.99	
22 01 10 61-0063	EA	10-7/8" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	192.79	
22 01 10 61-0064	EA	11" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	191.71	
22 01 10 61-0065	EA	11-3/8" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	191.64	
22 01 10 61-0066	EA	11-1/2" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	191.02	
22 01 10 61-0067	EA	12" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	173.98	
22 01 10 61-0068	EA	4" Diameter, 0.15" Thick, Slotted Polished Cast Brass Drain Cover Replacement	49.94	
22 01 10 61-0069	EA	4-1/4" Diameter, 0.15" Thick, Slotted Polished Cast Brass Drain Cover Replacement	54.15	
22 01 10 61-0070	EA	4-3/4" Diameter, 0.15" Thick, Slotted Polished Cast Brass Drain Cover Replacement	64.01	
22 01 10 61-0071	EA	5-1/2" Diameter, 0.15" Thick, Slotted Polished Cast Brass Drain Cover Replacement	84.49	
22 01 10 61-0072	EA	7-1/2" Diameter, 0.15" Thick, Slotted Polished Cast Brass Drain Cover Replacement	127.03	
22 01 10 61-0073	EA	9-1/2" Diameter, 0.15" Thick, Slotted Polished Cast Brass Drain Cover Replacement	190.96	

22 01 10 61-0074 Repair And Tape Pipe Insulation Seam *(22 01 10 61)*

22 01 10 61-0075	LF	Repair and Taping Of Damaged Pipe Insulation Seam	1.37	

22 01 10 62 Plumbing Piping Relining *(22 01 10)*

22 01 10 62-0001 Relining Small Diameter Copper Pipelines Set-Up For Epoxy *(22 01 10 62)*

Note: Excludes drywall removal and repair, cuting into pipe and pipe repair See CSI section 09 01 20 91-0001 for cutting and patching drywall, 22 11 16 00-0378 for copper pipe and fitting.

22 01 10 62-0002	EA	Initial Set-up And Final Equipment Removal For Relining 1/2" To 3" Copper Pipe With Epoxy	1,522.86	

22 01 10 62-0003 Small Diameter Epoxy Lining Of Copper Water Piping *(22 01 10 62)*

Note: Includes draining pipe of water, dry heated air through pipe, and cleaning of pipe interior prior to lining pipe.

22 01 10 62-0004	LF	2mm Epoxy Lining Of 1/2" Diameter Copper Pipe	2.92	
		For Up To 25, Add	*4.85*	
		For >25 To 50, Add	*2.96*	
		For >50 To 100, Add	*1.48*	
		For >500, Deduct	*-0.24*	
22 01 10 62-0005	LF	2mm Epoxy Lining Of 3/4" Diameter Copper Pipe	3.88	
		For Up To 25, Add	*5.79*	
		For >25 To 50, Add	*3.56*	
		For >50 To 100, Add	*1.78*	
		For >500, Deduct	*-0.30*	
22 01 10 62-0006	LF	2mm Epoxy Lining Of 1" Diameter Copper Pipe	4.82	
		For Up To 25, Add	*6.70*	
		For >25 To 50, Add	*4.14*	
		For >50 To 100, Add	*2.07*	
		For >500, Deduct	*-0.36*	
22 01 10 62-0007	LF	2mm Epoxy Lining Of 1-1/4" Diameter Copper Pipe	6.77	
		For Up To 25, Add	*8.56*	
		For >25 To 50, Add	*5.32*	
		For >50 To 100, Add	*2.66*	
		For >500, Deduct	*-0.49*	
22 01 10 62-0008	LF	2mm Epoxy Lining Of 1-1/2" Diameter Copper Pipe	9.17	
		For Up To 25, Add	*10.87*	
		For >25 To 50, Add	*6.79*	
		For >50 To 100, Add	*3.39*	
		For >500, Deduct	*-0.65*	
22 01 10 62-0009	LF	4mm Epoxy Lining Of 2" Diameter Copper Pipe	14.71	
		For Up To 25, Add	*15.33*	
		For >25 To 50, Add	*9.68*	
		For >50 To 100, Add	*4.84*	
		For >500, Deduct	*-0.99*	
22 01 10 62-0010	LF	4mm Epoxy Lining Of 2-1/2" Diameter Copper Pipe	18.67	
		For Up To 25, Add	*19.41*	
		For >25 To 50, Add	*12.25*	
		For >50 To 100, Add	*6.12*	
		For >500, Deduct	*-1.26*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 01 10 62-0011	LF	4mm Epoxy Lining Of 3" Diameter Copper Pipe	22.77	
		For Up To 25, Add	*23.85*	
		For >25 To 50, Add	*15.05*	
		For >50 To 100, Add	*7.52*	
		For >500, Deduct	*-1.54*	

22 01 40 Operation and Maintenance of Plumbing Fixtures *(22 01)*

22 01 40 81 Plumbing Fixtures Replacement *(22 01 40)*

22 01 40 81-0001 Removal And Replacement Of Fixture And/or Trim *(22 01 40 81)*

Note: Includes removal of existing item(s) and installation of new item(s).

22 01 40 81-0002	EA	Removal And Replacement Of 3/8" To 1/2" Diameter Compression Shut-off Valve With 15" Polybutylene Supply Tube	64.80
22 01 40 81-0003	EA	Removal And Replacement Of 3/8" Diameter Compression x 1/2" Diameter FIP, Braided Stainless Steel, Supply Lines To Sink/Lavatory	23.80
22 01 40 81-0004	EA	Removal And Replacement Of Chrome Supply Lines To Sink/Lavatory, Pair	31.54
22 01 40 81-0005	EA	Removal And Replacement Of Single Bowl Sink/Lavatory Drain Line	44.01
22 01 40 81-0006	EA	Removal And Replacement Of Double Bowl Sink/Lavatory Drain Line	68.41
22 01 40 81-0007	EA	Removal And Replacement Of Shower Head, Polished Chrome	44.74
22 01 40 81-0008	EA	Removal And Replacement Of Shower Arm	51.59
22 01 40 81-0009	EA	Removal And Replacement Of Shower Head	64.29
22 01 40 81-0010	EA	Removal And Replacement Of Shower Knob	47.27
22 01 40 81-0011	EA	Removal And Replacement Of Shower and Tub Control Trim Note: Excludes balancing valve.	124.85
22 01 40 81-0012	EA	Removal And Replacement Of Sink Basket Strainer	34.68
22 01 40 81-0013	EA	Removal And Replacement Of 1-1/2" Sink Drain Without Stopper	18.41
22 01 40 81-0014	EA	Removal And Replacement Of 4-1/2" Sink Drain Without Stopper	19.36
22 01 40 81-0015	EA	Removal And Replacement Of 1-1/2" Sink Drain With Stopper	18.41
22 01 40 81-0016	EA	Removal And Replacement Of 1" Sink Rubber Stopper	9.86
22 01 40 81-0017	EA	Removal And Replacement Of Sink Tailpiece Extension, 1-1/2" Diameter x 8"	28.91
22 01 40 81-0018	EA	Removal And Replacement Of Sink Trap, Adjustable, 1-1/2" Diameter	48.64
22 01 40 81-0019	EA	Removal And Replacement Of Lavatory Pop-Up Rod	41.83
22 01 40 81-0020	EA	Removal And Replacement Of Lavatory Pop-up Drain Stopper	34.83
22 01 40 81-0021	EA	Removal And Replacement Of Faucet Handle	39.43
22 01 40 81-0022	EA	Removal And Replacement Of Faucet O-Ring	29.28
22 01 40 81-0023	EA	Removal And Replacement Of 1-1/2" Diameter Faucet Hole Cover	22.07
22 01 40 81-0024	EA	Removal And Replacement Of Toilet Ballcock	41.57
22 01 40 81-0025	EA	Removal And Replacement Of Toilet Bowl Ring, Flat Wax Note: Excludes removal of toilet.	10.52
22 01 40 81-0026	EA	Removal And Replacement Of Toilet Tank	165.72
22 01 40 81-0027	EA	Removal And Replacement Of 10" Toilet Bowl	207.28
22 01 40 81-0028	EA	Removal And Replacement Of 10", Low-Flush Watersaver, Toilet Bowl	223.15
22 01 40 81-0029	EA	Removal And Replacement Of 12" Toilet Bowl	238.47
22 01 40 81-0030	EA	Removal And Replacement Of 18", Elongated, Toilet Bowl	212.62
22 01 40 81-0031	EA	Removal And Replacement Of Toilet Closet Bolt, 5/16" x 3" With Nuts And Washers	25.57
22 01 40 81-0032	EA	Removal And Replacement Of Toilet Flapper With Chain	19.13
22 01 40 81-0033	EA	Removal And Replacement Of Toilet Flush Tank Lever	20.55
22 01 40 81-0034	EA	Removal And Replacement Of Elongated Toilet Seat With Lid	76.56
22 01 40 81-0035	EA	Removal And Replacement Of Elongated Toilet Seat Without Lid	78.58
22 01 40 81-0036	EA	Removal And Replacement Of Handicap Toilet Seat, Complete With Rails	333.22
22 01 40 81-0037	EA	Removal And Replacement Of Diverter Tub Spout	79.93
22 01 40 81-0038	EA	Removal And Replacement Of Tub Spout	53.54
22 01 40 81-0039	EA	Removal And Replacement Of 2" Tub Stopper	11.65
22 01 40 81-0040	EA	Removal And Replacement Of Tub Waste/Overflow	80.61
22 01 40 81-0041	EA	Removal And Replacement Of Tub Stem Bonnet Assembly	41.18
22 01 40 81-0042	EA	Removal And Replacement Of Faucet Bonnet	45.51
22 01 40 81-0043	EA	Removal And Replacement Of Faucet Diverter Stem	28.52
22 01 40 81-0044	EA	Removal And Replacement Of Faucet Diverter Stem And Bonnet	37.89
22 01 40 81-0045	EA	Removal And Replacement Of Faucet Spout	43.12
22 01 40 81-0046	EA	Removal And Replacement Of Faucet Stem	31.66
22 01 40 81-0047	EA	Removal And Replacement Of Plastic, Chrome Plated Drinking Fountain Bubbler Valve With Flexible Bubbler Guard	293.76
22 01 40 81-0048	EA	Removal And Replacement Of Brass, Chrome Plated Drinking Fountain Bubbler Valve	374.60
22 01 40 81-0049	EA	Removal And Replacement Of Stainless Steel (Lead Free) Drinking Fountain Pushbutton Bubbler Valve	219.44

22 05 Common Work Results for Plumbing *(22)*

22 05 13 Common Motor Requirements for Plumbing Equipment *(22 05)*

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. See CSI section 23 05 13 00-0000 for motor requirements.

22 05 16 Expansion Fittings and Loops for Plumbing Piping *(22 05)*

See CSI section 23 05 16 00-0000 for expansion fittings and loops.

22 05 17 Sleeves and Sleeve Seals for Plumbing Piping *(22 05)*

See CSI section 23 05 17 00-0000 for sleeves and sleeve seals.

22 05 19 Meters and Gages for Plumbing Piping *(22 05)*

See CSI section 23 05 19 00-0000 for gages, 33 19 00 00-0000 for water utility service metering.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 05 23 General-Duty Valves for Plumbing Piping *(22 05)*

See CSI section 23 05 23 00-0000 for additional valves.

22 05 23 00-0001 Gate Valves *(22 05 23)*

22 05 23 00-0002 Class 125 Brazed Or Soldered Bronze Gate Valves *(22 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure. (Milwaukee Valve 105)

22 05 23 00-0003	EA	1/4" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve	99.94	12.47
		For 150 Lb. Rating, Add	*6.36*	
		For 200 Lb. Rating, Add	*9.55*	
		For Work In Restricted Working Space, Add	*10.89*	
22 05 23 00-0004	EA	3/8" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve	101.84	12.47
		For 150 Lb. Rating, Add	*6.36*	
		For 200 Lb. Rating, Add	*9.55*	
		For Work In Restricted Working Space, Add	*11.46*	
22 05 23 00-0005	EA	1/2" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve	104.22	12.47
		For 150 Lb. Rating, Add	*6.40*	
		For 200 Lb. Rating, Add	*9.60*	
		For Work In Restricted Working Space, Add	*12.06*	
22 05 23 00-0006	EA	3/4" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve	122.98	13.71
		For 150 Lb. Rating, Add	*6.88*	
		For 200 Lb. Rating, Add	*10.32*	
		For Work In Restricted Working Space, Add	*16.26*	
22 05 23 00-0007	EA	1" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve	149.88	15.58
		For 150 Lb. Rating, Add	*8.43*	
		For 200 Lb. Rating, Add	*12.64*	
		For Work In Restricted Working Space, Add	*19.68*	
22 05 23 00-0008	EA	1-1/4" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve	220.69	16.58
		For 150 Lb. Rating, Add	*13.76*	
		For 200 Lb. Rating, Add	*20.64*	
		For Work In Restricted Working Space, Add	*24.93*	
22 05 23 00-0009	EA	1-1/2" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve	245.42	19.19
		For 150 Lb. Rating, Add	*14.95*	
		For 200 Lb. Rating, Add	*22.43*	
		For Work In Restricted Working Space, Add	*28.76*	
22 05 23 00-0010	EA	2" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve	294.48	22.68
		For 150 Lb. Rating, Add	*18.12*	
		For 200 Lb. Rating, Add	*27.18*	
		For Work In Restricted Working Space, Add	*33.99*	
22 05 23 00-0011	EA	2-1/2" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve	678.54	30.65
		For 150 Lb. Rating, Add	*52.55*	
		For 200 Lb. Rating, Add	*78.83*	
		For Work In Restricted Working Space, Add	*45.91*	
		For Chain Operated Type, Add	*236.48*	
22 05 23 00-0012	EA	3" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve	796.69	35.58
		For 150 Lb. Rating, Add	*62.01*	
		For 200 Lb. Rating, Add	*93.02*	
		For Work In Restricted Working Space, Add	*52.97*	

22 05 23 00-0013 Class 125 Brazed Or Soldered Bronze Lead Free Gate Valves *(22 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure. (Milwaukee Valve UP105, NIBCO T113-LF)

22 05 23 00-0014	EA	1/4" Diameter, 125 Lb. Brazed Or Soldered Bronze Lead Free Gate Valve	121.14	12.47
		For 150 Lb. Rating, Add	*8.48*	
		For 200 Lb. Rating, Add	*12.73*	
		For Work In Restricted Working Space, Add	*10.89*	
22 05 23 00-0015	EA	3/8" Diameter, 125 Lb. Brazed Or Soldered Bronze Lead Free Gate Valve	122.86	12.47
		For 150 Lb. Rating, Add	*8.47*	
		For 200 Lb. Rating, Add	*12.70*	
		For Work In Restricted Working Space, Add	*11.46*	
22 05 23 00-0016	EA	1/2" Diameter, 125 Lb. Brazed Or Soldered Bronze Lead Free Gate Valve	143.40	12.47
		For 150 Lb. Rating, Add	*10.32*	
		For 200 Lb. Rating, Add	*15.48*	
		For Work In Restricted Working Space, Add	*12.06*	
22 05 23 00-0017	EA	3/4" Diameter, 125 Lb. Brazed Or Soldered Bronze Lead Free Gate Valve	162.17	13.71
		For 150 Lb. Rating, Add	*10.80*	
		For 200 Lb. Rating, Add	*16.20*	
		For Work In Restricted Working Space, Add	*16.26*	
22 05 23 00-0018	EA	1" Diameter, 125 Lb. Brazed Or Soldered Bronze Lead Free Gate Valve	194.59	15.58
		For 150 Lb. Rating, Add	*12.90*	
		For 200 Lb. Rating, Add	*19.35*	
		For Work In Restricted Working Space, Add	*19.68*	
22 05 23 00-0019	EA	1-1/4" Diameter, 125 Lb. Brazed Or Soldered Bronze Lead Free Gate Valve	281.84	16.58
		For 150 Lb. Rating, Add	*19.87*	
		For 200 Lb. Rating, Add	*29.81*	
		For Work In Restricted Working Space, Add	*24.93*	
22 05 23 00-0020	EA	1-1/2" Diameter, 125 Lb. Brazed Or Soldered Bronze Lead Free Gate Valve	322.34	19.19
		For 150 Lb. Rating, Add	*22.65*	
		For 200 Lb. Rating, Add	*33.97*	
		For Work In Restricted Working Space, Add	*28.76*	
22 05 23 00-0021	EA	2" Diameter, 125 Lb. Brazed Or Soldered Bronze Lead Free Gate Valve	413.33	22.68
		For 150 Lb. Rating, Add	*30.00*	
		For 200 Lb. Rating, Add	*45.00*	
		For Work In Restricted Working Space, Add	*33.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 23 00-0022		200 PSI, Non-Rising Stem, Crimped Bronze Gate Valves *(22 05 23 00-0001)*		
		Note: 200 psi cold working pressure.		
22 05 23 00-0023	EA	1/2" Diameter, 200 PSI, Non-Rising Stem, Crimped Bronze Gate Valve	139.00	12.47
		For Work In Restricted Working Space, Add	*8.42*	
22 05 23 00-0024	EA	3/4" Diameter, 200 PSI, Non-Rising Stem, Crimped Bronze Gate Valve	156.52	13.71
		For Work In Restricted Working Space, Add	*9.58*	
22 05 23 00-0025	EA	1" Diameter, 200 PSI, Non-Rising Stem, Crimped Bronze Gate Valve	205.94	15.58
		For Work In Restricted Working Space, Add	*11.45*	
22 05 23 00-0026	EA	1-1/4" Diameter, 200 PSI, Non-Rising Stem, Crimped Bronze Gate Valve	281.43	16.58
		For Work In Restricted Working Space, Add	*12.62*	
22 05 23 00-0027	EA	1-1/2" Diameter, 200 PSI, Non-Rising Stem, Crimped Bronze Gate Valve	326.37	19.19
		For Work In Restricted Working Space, Add	*14.02*	
22 05 23 00-0028	EA	2" Diameter, 200 PSI, Non-Rising Stem, Crimped Bronze Gate Valve	449.75	22.68
		For Work In Restricted Working Space, Add	*16.83*	
22 05 23 00-0029		Ball Valves *(22 05 23)*		
22 05 23 00-0030		Crimped Bronze, Ball Valves *(22 05 23 00-0029)*		
22 05 23 00-0031		Crimped Bronze, 250 PSI, Ball Valves *(22 05 23 00-0030)*		
		Note: NIBCO		
22 05 23 00-0032	EA	1/2" Diameter, Crimped Bronze, 250 PSI, Ball Valve	95.06	12.47
		For Work In Restricted Working Space, Add	*8.42*	
22 05 23 00-0033	EA	3/4" Diameter, Crimped Bronze, 250 PSI, Ball Valve	123.26	13.71
		For Work In Restricted Working Space, Add	*9.58*	
22 05 23 00-0034	EA	1" Diameter, Crimped Bronze, 250 PSI, Ball Valve	158.37	15.58
		For Work In Restricted Working Space, Add	*11.45*	
22 05 23 00-0035	EA	1-1/4" Diameter, Crimped Bronze, 250 PSI, Ball Valve	257.06	16.58
		For Work In Restricted Working Space, Add	*12.62*	
22 05 23 00-0036	EA	1-1/2" Diameter, Crimped Bronze, 250 PSI, Ball Valve	340.29	19.19
		For Work In Restricted Working Space, Add	*14.02*	
22 05 23 00-0037	EA	2" Diameter, Crimped Bronze, 250 PSI, Ball Valve	513.75	22.68
		For Work In Restricted Working Space, Add	*16.83*	
22 05 23 00-0038		Crimped Bronze, 200 PSI, Full Port Ball Valves *(22 05 23 00-0030)*		
22 05 23 00-0039	EA	1/2" Diameter, Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	57.28	12.47
		For Work In Restricted Working Space, Add	*8.42*	
22 05 23 00-0040	EA	3/4" Diameter, Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	73.02	13.71
		For Work In Restricted Working Space, Add	*9.58*	
22 05 23 00-0041	EA	1" Diameter, Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	88.73	15.58
		For Work In Restricted Working Space, Add	*11.45*	
22 05 23 00-0042	EA	1-1/4" Diameter, Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	124.24	16.58
		For Work In Restricted Working Space, Add	*12.62*	
22 05 23 00-0043	EA	1-1/2" Diameter, Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	160.50	19.19
		For Work In Restricted Working Space, Add	*14.02*	
22 05 23 00-0044	EA	2" Diameter, Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	237.79	22.68
		For Work In Restricted Working Space, Add	*16.83*	
22 05 23 00-0045		Crimped Bronze, 250 PSI, Full Port Ball Valves *(22 05 23 00-0030)*		
22 05 23 00-0046	EA	1/2" Diameter, Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	65.97	12.47
		For Work In Restricted Working Space, Add	*8.42*	
22 05 23 00-0047	EA	3/4" Diameter, Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	79.34	13.71
		For Work In Restricted Working Space, Add	*9.58*	
22 05 23 00-0048	EA	1" Diameter, Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	98.84	15.58
		For Work In Restricted Working Space, Add	*11.45*	
22 05 23 00-0049	EA	1-1/4" Diameter, Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	155.83	16.58
		For Work In Restricted Working Space, Add	*12.62*	
22 05 23 00-0050	EA	1-1/2" Diameter, Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	228.44	19.19
		For Work In Restricted Working Space, Add	*14.02*	
22 05 23 00-0051	EA	2" Diameter, Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	316.79	22.68
		For Work In Restricted Working Space, Add	*16.83*	
22 05 23 00-0052		Crimped x Threaded Bronze, 250 PSI, Full Port Ball Valves *(22 05 23 00-0030)*		
22 05 23 00-0053	EA	1/2" Diameter, Crimped x Threaded Bronze, 250 PSI, Full Port, Lever Ball Valve	63.60	12.47
		For Work In Restricted Working Space, Add	*8.42*	
22 05 23 00-0054	EA	3/4" Diameter, Crimped x Threaded Bronze, 250 PSI, Full Port, Lever Ball Valve	77.13	13.71
		For Work In Restricted Working Space, Add	*9.58*	
22 05 23 00-0055	EA	1" Diameter, Crimped x Threaded Bronze, 250 PSI, Full Port, Lever Ball Valve	93.78	15.58
		For Work In Restricted Working Space, Add	*11.45*	
22 05 23 00-0056		Check Valves *(22 05 23)*		
22 05 23 00-0057		Crimped Bronze, 200 PSI, Y-Pattern, Swing Check Valves *(22 05 23 00-0056)*		
		Note: NIBCO		
22 05 23 00-0058	EA	1/2" Diameter, Crimped Bronze, 200 PSI, Y-Pattern Check Valve	182.91	12.47
		For Work In Restricted Working Space, Add	*8.42*	
22 05 23 00-0059	EA	3/4" Diameter, Crimped Bronze, 200 PSI, Y-Pattern Check Valve	233.04	13.71
		For Work In Restricted Working Space, Add	*9.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 23 00-0060	EA	1" Diameter, Crimped Bronze, 200 PSI, Y-Pattern Check Valve	322.47	15.58
		For Work In Restricted Working Space, Add	*11.45*	
22 05 23 00-0061	EA	1-1/4" Diameter, Crimped Bronze, 200 PSI, Y-Pattern Check Valve	430.38	16.58
		For Work In Restricted Working Space, Add	*12.62*	
22 05 23 00-0062	EA	1-1/2" Diameter, Crimped Bronze, 200 PSI, Y-Pattern Check Valve	513.64	19.19
		For Work In Restricted Working Space, Add	*14.02*	
22 05 23 00-0063	EA	2" Diameter, Crimped Bronze, 200 PSI, Y-Pattern Check Valve	735.65	22.68
		For Work In Restricted Working Space, Add	*16.83*	
22 05 23 00-0064		Crimped Bronze, 250 PSI, In-Line, Check Valves *(22 05 23 00-0056)*		
22 05 23 00-0065	EA	1/2" Diameter, Crimped Bronze, 200 PSI, In-Line Check Valve	50.61	12.47
		For Work In Restricted Working Space, Add	*8.42*	
22 05 23 00-0066	EA	3/4" Diameter, Crimped Bronze, 200 PSI, In-Line Check Valve	60.81	13.71
		For Work In Restricted Working Space, Add	*9.58*	
22 05 23 00-0067	EA	1" Diameter, Crimped Bronze, 200 PSI, In-Line Check Valve	71.44	15.58
		For Work In Restricted Working Space, Add	*11.45*	
22 05 23 00-0068	EA	1-1/4" Diameter, Crimped Bronze, 200 PSI, In-Line Check Valve	90.18	16.58
		For Work In Restricted Working Space, Add	*12.62*	
22 05 23 00-0069	EA	1-1/2" Diameter, Crimped Bronze, 200 PSI, In-Line Check Valve	115.04	19.19
		For Work In Restricted Working Space, Add	*14.02*	
22 05 23 00-0070	EA	2" Diameter, Crimped Bronze, 200 PSI, In-Line Check Valve	180.39	22.68
		For Work In Restricted Working Space, Add	*16.83*	
22 05 23 00-0071		Butterfly Valves *(22 05 23)*		
22 05 23 00-0072		Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve *(22 05 23 00-0071)*		
22 05 23 00-0073	EA	2-1/2" Diameter, Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve	1,373.99	33.28
		For Work In Restricted Working Space, Add	*19.63*	
22 05 23 00-0074	EA	3" Diameter, Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve	1,487.13	38.64
		For Work In Restricted Working Space, Add	*23.37*	
22 05 23 00-0075	EA	4" Diameter, Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve	1,858.75	43.63
		For Work In Restricted Working Space, Add	*30.85*	
22 05 23 00-0076		Earthquake-Sensitive Gas Shut-Off Valves *(22 05 23)*		
22 05 23 00-0077		0.5 PSI Threaded Earthquake Gas Shutoff Valves *(22 05 23 00-0076)*		
22 05 23 00-0078	EA	3/4" Diameter Threaded, 0.5 PSI Earthquake Gas Shutoff Valve	198.06	13.71
22 05 23 00-0079	EA	1" Diameter Threaded, 0.5 PSI Earthquake Gas Shutoff Valve	224.00	15.58
22 05 23 00-0080		7 PSI Threaded Earthquake Gas Shutoff Valves *(22 05 23 00-0076)*		
22 05 23 00-0081	EA	1-1/4" Diameter Threaded, 7 PSI Earthquake Gas Shutoff Valve	261.29	16.58
22 05 23 00-0082	EA	1-1/2" Diameter Threaded, 7 PSI Earthquake Gas Shutoff Valve	353.26	19.19
22 05 23 00-0083		60 PSI Threaded Earthquake Gas Shutoff Valves *(22 05 23 00-0076)*		
22 05 23 00-0084	EA	3/4" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	245.58	13.71
22 05 23 00-0085	EA	1" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	257.00	15.58
22 05 23 00-0086	EA	1-1/4" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	287.68	16.58
22 05 23 00-0087	EA	1-1/2" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	392.86	19.19
22 05 23 00-0088	EA	2" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	905.25	22.68
22 05 23 00-0089	EA	2-1/2" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	1,076.43	30.53
22 05 23 00-0090	EA	3" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	1,397.48	35.58
22 05 23 00-0091	EA	4" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	1,619.76	40.17
22 05 23 00-0092		60 PSI Flanged Earthquake Gas Shutoff Valves *(22 05 23 00-0076)*		
22 05 23 00-0093	EA	2" Diameter Flanged, 60 PSI Earthquake Gas Shutoff Valve	1,263.66	166.15
22 05 23 00-0094	EA	3" Diameter Flanged, 60 PSI Earthquake Gas Shutoff Valve	1,557.50	195.12
22 05 23 00-0095	EA	4" Diameter Flanged, 60 PSI Earthquake Gas Shutoff Valve	2,191.76	327.10
22 05 23 00-0096	EA	6" Diameter Flanged, 60 PSI Earthquake Gas Shutoff Valve	3,607.48	403.13
22 05 23 00-0097	EA	8" Diameter Flanged, 60 PSI Earthquake Gas Shutoff Valve	9,747.19	515.11

22 05 29 Hangers and Supports for Plumbing Piping and Equipment *(22 05)*

See CSI section 23 05 29 00-0000 for hangers and supports.

22 05 48 Vibration and Seismic Controls for Plumbing Piping and Equipment *(22 05)*

22 05 48 13 Vibration Controls for Plumbing Piping and Equipment *(22 05 48)*

See CSI section 23 05 48 13-0000 for vibration and seismic control.

22 05 53 Identification for Plumbing Piping and Equipment *(22 05)*

See CSI section 23 05 53 00-0000 for identification.

22 05 76 Facility Drainage Piping Cleanouts *(22 05)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0001		**Cast Iron Cleanout With Plug And Cover** *(22 05 76)* Note: For floor installation.		
22 05 76 00-0002		**Cast Iron Cleanout With Plug And Round Or Square Cover** *(22 05 76 00-0001)*		
22 05 76 00-0003	EA	2" Diameter, Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	867.80	66.31
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0004	EA	3" Diameter, Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	931.94	83.14
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0005	EA	4" Diameter, Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	1,165.31	100.46
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0006	EA	5" Diameter, Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	1,688.61	112.42
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0007	EA	6" Diameter, Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	2,086.94	121.77
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0008		**Cast Iron Heavy-Duty Cleanout With Plug And Round Cover** *(22 05 76 00-0001)*		
22 05 76 00-0009	EA	2" Diameter, Heavy-Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	1,005.24	66.31
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0010	EA	3" Diameter, Heavy-Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	1,071.56	83.14
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0011	EA	4" Diameter, Heavy-Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	1,304.93	100.46
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0012	EA	5" Diameter, Heavy-Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	1,828.24	112.42
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0013	EA	6" Diameter, Heavy-Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	2,226.56	121.77
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0014		**Wall Cover For Cleanout** *(22 05 76)* Note: Cover and screw only.		
22 05 76 00-0015		**Round Access Cover, Bronze Polished Top** *(22 05 76 00-0014)* Note: Cover and screw only.		
22 05 76 00-0016	EA	4-1/4" Diameter Wall Cover For Cleanout, Screwed	114.57	20.81
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0017	EA	5-1/2" Diameter Wall Cover For Cleanout, Screwed	122.89	24.93
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0018	EA	7" Diameter Wall Cover For Cleanout, Screwed	157.94	28.05
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0019	EA	9-1/4" Diameter Wall Cover For Cleanout, Screwed	271.80	31.16
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0020	EA	11-1/4" Diameter Wall Cover For Cleanout, Screwed	412.55	34.28
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0021		**Square Wall Access Panel, Bronze Polished Top** *(22 05 76 00-0014)* Note: Cover and screw only.		
22 05 76 00-0022	EA	7" x 7" Bronze Wall Or Floor Access Cover	590.40	20.81
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0023	EA	9" x 9" Bronze Wall Or Floor Access Cover	851.67	21.81
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0024	EA	10" x 10" Bronze Wall Or Floor Access Cover	910.05	23.06
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0025	EA	14" x 14" Bronze Wall Or Floor Access Cover	1,017.93	26.18
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0026		**Secured Square Wall Access Panel, Bronze Polished Top** *(22 05 76 00-0014)* Note: Cover and screw only.		
22 05 76 00-0027	EA	6" x 6" Bronze Secured Wall Access Panel	600.89	20.81
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0028	EA	8" x 8" Bronze Secured Wall Access Panel	867.12	21.81
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0029	EA	10" x 10" Bronze Secured Wall Access Panel	926.58	23.06
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0030	EA	12" x 12" Bronze Secured Wall Access Panel	1,036.40	26.18
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0031		**Secure Square Hinged Access Panel, Bronze Polished Top, Scoriated** *(22 05 76 00-0014)* Note: Cover and screw only.		
22 05 76 00-0032	EA	6" x 6" Bronze Secured Hinged Access Panel, Scoriated	582.77	20.81
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0033	EA	8" x 8" Bronze Secured Hinged Access Panel, Scoriated	807.56	21.81
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0034	EA	10" x 10" Bronze Secured Hinged Access Panel, Scoriated	1,146.70	23.06
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0035	EA	12" x 12" Bronze Secured Hinged Access Panel, Scoriated	1,388.58	26.18
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0036		**Cast Iron Cleanout Tee** *(22 05 76)*		
22 05 76 00-0037		**Cast Iron Cleanout Tee And Round Access Cover** *(22 05 76 00-0036)* Note: Satin smooth secured cover.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0038	EA	2" Diameter, Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover	621.50	66.31
		For Vandal Proof Screws, Add	*18.00*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0039	EA	3" Diameter, Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover	705.99	83.02
		For Vandal Proof Screws, Add	*18.00*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0040	EA	4" Diameter, Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover	926.29	100.46
		For Vandal Proof Screws, Add	*18.00*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0041	EA	6" Diameter, Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover	2,280.16	121.77
		For Vandal Proof Screws, Add	*18.00*	
		For Galvanized Cast Iron Parts, Add	*45.00*	

22 05 76 00-0042 Cast Iron Cleanout Tee And Square Access Cover *(22 05 76 00-0036)*

Note: Satin smooth secured cover.

22 05 76 00-0043	EA	2" Diameter, Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	1,110.41	66.31
		For Vandal Proof Screws, Add	*18.00*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0044	EA	3" Diameter, Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	1,194.89	83.02
		For Vandal Proof Screws, Add	*18.00*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0045	EA	4" Diameter, Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	1,382.75	100.46
		For Vandal Proof Screws, Add	*18.00*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0046	EA	6" Diameter, Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	2,940.53	121.77
		For Vandal Proof Screws, Add	*18.00*	
		For Galvanized Cast Iron Parts, Add	*45.00*	

22 05 76 00-0047 Cast Iron Cleanout Tee With Brass Plug *(22 05 76 00-0036)*

22 05 76 00-0048	EA	2" Diameter, Cleanout Tee With Cast Bronze Screw Plug	509.17	54.22
22 05 76 00-0049	EA	3" Diameter, Cleanout Tee With Cast Bronze Screw Plug	570.10	59.21
22 05 76 00-0050	EA	4" Diameter, Cleanout Tee With Cast Bronze Screw Plug	760.37	77.91
22 05 76 00-0051	EA	5" Diameter, Cleanout Tee With Cast Bronze Screw Plug	1,157.34	92.24
22 05 76 00-0052	EA	6" Diameter, Cleanout Tee With Cast Bronze Screw Plug	2,001.73	109.06

22 05 76 00-0053 Removable Cleanout Plug *(22 05 76)*

22 05 76 00-0054 Threaded Bronze Plugs *(22 05 76 00-0053)*

22 05 76 00-0055	EA	1-1/4", 1-1/2" Or 2" Diameter, Threaded Bronze Plug	85.19	15.58
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0056	EA	2-1/2" Diameter, Threaded Bronze Plug	102.40	16.95
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0057	EA	3" Diameter, Threaded Bronze Plug	177.17	18.70
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0058	EA	3-1/2" Diameter, Threaded Bronze Plug	198.12	21.81
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0059	EA	4" Diameter, Threaded Bronze Plug	223.97	24.93
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0060	EA	5" Diameter, Threaded Bronze Plug	315.99	28.05
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0061	EA	6" Diameter, Threaded Bronze Plug	466.83	31.16
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0062	EA	8" Diameter, Threaded Bronze Plug	791.59	34.28
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0063	EA	10" Diameter, Threaded Bronze Plug	1,140.95	37.40
		For Plug Tapped For Center Screw, Add	*9.50*	

22 05 76 00-0064 Threaded Brass Plugs *(22 05 76 00-0053)*

22 05 76 00-0065	EA	1-1/2" Threaded Brass Plug, Raised Head	34.62	15.58
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0066	EA	2" Threaded Brass Plug, Raised Head	35.23	15.58
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0067	EA	2-1/2" Threaded Brass Plug, Raised Head	38.41	16.95
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0068	EA	3" Threaded Brass Plug, Raised Head	43.47	18.69
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0069	EA	3-1/2" Threaded Brass Plug, Raised Head	51.33	21.81
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0070	EA	4" Threaded Brass Plug, Raised Head	60.29	24.93
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0071	EA	4-1/2" Threaded Brass Plug, Raised Head	64.76	26.25
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0072	EA	5" Threaded Brass Plug, Raised Head	69.59	28.05
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0073	EA	6" Threaded Brass Plug, Raised Head	90.46	31.16
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0074	EA	1-1/2" Threaded Brass Plug, Countersunk Head	34.15	15.58
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0075	EA	2" Threaded Brass Plug, Countersunk Head	34.82	15.58
		For Plug Tapped For Center Screw, Add	*9.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0076	EA	2-1/2" Threaded Brass Plug, Countersunk Head	39.72	16.95
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0077	EA	3" Threaded Brass Plug, Countersunk Head	43.66	18.70
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0078	EA	3-1/2" Threaded Brass Plug, Countersunk Head	50.77	21.81
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0079	EA	4" Threaded Brass Plug, Countersunk Head	59.40	24.93
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0080	EA	5" Threaded Brass Plug, Countersunk Head	69.11	28.05
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0081	EA	6" Threaded Brass Plug, Countersunk Head	82.61	31.16
		For Plug Tapped For Center Screw, Add	*9.50*	

22 07 Plumbing Insulation *(22)*

22 07 16 Plumbing Equipment Insulation *(22 07)*

22 07 16 00-0001 Lavatory Insulation *(22 07 16)*

22 07 16 00-0002	EA	Neoprene Insulation Kit For Under Lavatories	378.27	26.23

22 07 16 00-0003 Water Heater Insulation *(22 07 16)*

22 07 16 00-0004	EA	3" Thick, 48" x 75" Fiberglass Insulation Blanket For Water Heaters	108.80	26.23

22 07 19 Plumbing Piping Insulation *(22 07)*

22 07 19 00-0001 Fiberglass (Glass Fiber) Pipe Insulation *(22 07 19)*

Note: Includes factory applied All Service Jacket (ASJ), Self Sealing Lap (SSL) longitudinal seam, butt strip seals, and adhesive. Excludes insulation for fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.

22 07 19 00-0002 1" Thick Fiberglass Pipe Insulation *(22 07 19 00-0001)*

22 07 19 00-0003	LF	1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket	11.61	3.49
		For Work In Restricted Working Space, Add	*2.87*	
		For Single Layer Of Felt Finish, Add	*0.21*	
22 07 19 00-0004	LF	3/4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket	11.91	3.49
		For Work In Restricted Working Space, Add	*2.87*	
		For Single Layer Of Felt Finish, Add	*0.24*	
22 07 19 00-0005	LF	1" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket	12.09	3.49
		For Work In Restricted Working Space, Add	*2.92*	
		For Single Layer Of Felt Finish, Add	*0.25*	
22 07 19 00-0006	LF	1-1/4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket	12.55	3.61
		For Work In Restricted Working Space, Add	*2.96*	
		For Single Layer Of Felt Finish, Add	*0.28*	
22 07 19 00-0007	LF	1-1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket	12.89	3.61
		For Work In Restricted Working Space, Add	*3.00*	
		For Single Layer Of Felt Finish, Add	*0.30*	
22 07 19 00-0008	LF	2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket	13.42	3.74
		For Work In Restricted Working Space, Add	*3.08*	
		For Single Layer Of Felt Finish, Add	*0.33*	
22 07 19 00-0009	LF	2-1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket	14.16	3.97
		For Work In Restricted Working Space, Add	*3.20*	
		For Single Layer Of Felt Finish, Add	*0.37*	
22 07 19 00-0010	LF	3" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket	14.89	4.08
		For Work In Restricted Working Space, Add	*3.29*	
		For Single Layer Of Felt Finish, Add	*0.41*	
22 07 19 00-0011	LF	4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket	16.86	4.31
		For Work In Restricted Working Space, Add	*3.54*	
		For Single Layer Of Felt Finish, Add	*0.53*	
22 07 19 00-0012	LF	6" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket	19.50	5.01
		For Work In Restricted Working Space, Add	*3.99*	
		For Single Layer Of Felt Finish, Add	*0.65*	
22 07 19 00-0013	LF	8" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket	24.11	5.60
		For Work In Restricted Working Space, Add	*4.58*	
		For Single Layer Of Felt Finish, Add	*0.93*	
22 07 19 00-0014	LF	10" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket	28.36	6.65
		For Work In Restricted Working Space, Add	*5.41*	
		For Single Layer Of Felt Finish, Add	*1.08*	
22 07 19 00-0015	LF	12" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket	32.54	7.58
		For Work In Restricted Working Space, Add	*6.25*	
		For Single Layer Of Felt Finish, Add	*1.23*	
22 07 19 00-0016	LF	14" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket	35.13	8.28
		For Work In Restricted Working Space, Add	*6.47*	
		For Single Layer Of Felt Finish, Add	*1.43*	

22 07 19 00-0017 1-1/2" Thick Fiberglass Pipe Insulation *(22 07 19 00-0001)*

22 07 19 00-0018	LF	1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket	14.11	3.60
		For Work In Restricted Working Space, Add	*2.99*	
		For Single Layer Of Felt Finish, Add	*0.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0019	LF	3/4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket	14.30	3.60
		For Work In Restricted Working Space, Add	*2.99*	
		For Single Layer Of Felt Finish, Add	*0.45*	
22 07 19 00-0020	LF	1" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket	15.10	3.82
		For Work In Restricted Working Space, Add	*3.17*	
		For Single Layer Of Felt Finish, Add	*0.48*	
22 07 19 00-0021	LF	1-1/4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket	15.64	3.90
		For Work In Restricted Working Space, Add	*3.23*	
		For Single Layer Of Felt Finish, Add	*0.51*	
22 07 19 00-0022	LF	1-1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket	16.11	3.97
		For Work In Restricted Working Space, Add	*3.29*	
		For Single Layer Of Felt Finish, Add	*0.54*	
22 07 19 00-0023	LF	2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket	17.18	4.18
		For Work In Restricted Working Space, Add	*3.47*	
		For Single Layer Of Felt Finish, Add	*0.59*	
22 07 19 00-0024	LF	2-1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket	17.93	4.24
		For Work In Restricted Working Space, Add	*3.53*	
		For Single Layer Of Felt Finish, Add	*0.65*	
22 07 19 00-0025	LF	3" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket	18.52	4.40
		For Work In Restricted Working Space, Add	*3.65*	
		For Single Layer Of Felt Finish, Add	*0.67*	
22 07 19 00-0026	LF	4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket	20.44	4.75
		For Work In Restricted Working Space, Add	*3.95*	
		For Single Layer Of Felt Finish, Add	*0.76*	
22 07 19 00-0027	LF	6" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket	23.66	5.55
		For Work In Restricted Working Space, Add	*4.61*	
		For Single Layer Of Felt Finish, Add	*0.87*	
22 07 19 00-0028	LF	8" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket	26.62	5.85
		For Work In Restricted Working Space, Add	*4.87*	
		For Single Layer Of Felt Finish, Add	*1.09*	
22 07 19 00-0029	LF	10" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket	32.53	7.01
		For Work In Restricted Working Space, Add	*5.82*	
		For Single Layer Of Felt Finish, Add	*1.38*	
22 07 19 00-0030	LF	12" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket	36.88	8.17
		For Work In Restricted Working Space, Add	*6.78*	
		For Single Layer Of Felt Finish, Add	*1.50*	
22 07 19 00-0031	LF	14" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket	41.31	8.94
		For Work In Restricted Working Space, Add	*7.43*	
		For Single Layer Of Felt Finish, Add	*1.74*	

22 07 19 00-0032 2" Thick Fiberglass Pipe Insulation *(22 07 19 00-0001)*

22 07 19 00-0033	LF	1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket	17.43	3.97
		For Work In Restricted Working Space, Add	*3.29*	
		For Single Layer Of Felt Finish, Add	*0.68*	
22 07 19 00-0034	LF	3/4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket	17.65	3.97
		For Work In Restricted Working Space, Add	*3.29*	
		For Single Layer Of Felt Finish, Add	*0.70*	
22 07 19 00-0035	LF	1" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket	18.27	4.08
		For Work In Restricted Working Space, Add	*3.33*	
		For Single Layer Of Felt Finish, Add	*0.75*	
22 07 19 00-0036	LF	1-1/4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket	18.81	4.08
		For Work In Restricted Working Space, Add	*3.38*	
		For Single Layer Of Felt Finish, Add	*0.79*	
22 07 19 00-0037	LF	1-1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket	19.37	4.20
		For Work In Restricted Working Space, Add	*3.41*	
		For Single Layer Of Felt Finish, Add	*0.84*	
22 07 19 00-0038	LF	2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket	20.10	4.31
		For Work In Restricted Working Space, Add	*3.54*	
		For Single Layer Of Felt Finish, Add	*0.87*	
22 07 19 00-0039	LF	2-1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket	21.14	4.43
		For Work In Restricted Working Space, Add	*3.66*	
		For Single Layer Of Felt Finish, Add	*0.94*	
22 07 19 00-0040	LF	3" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket	22.25	4.66
		For Work In Restricted Working Space, Add	*3.79*	
		For Single Layer Of Felt Finish, Add	*1.01*	
22 07 19 00-0041	LF	4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket	24.34	4.89
		For Work In Restricted Working Space, Add	*4.00*	
		For Single Layer Of Felt Finish, Add	*1.16*	
22 07 19 00-0042	LF	6" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket	28.80	5.75
		For Work In Restricted Working Space, Add	*4.80*	
		For Single Layer Of Felt Finish, Add	*1.35*	
22 07 19 00-0043	LF	8" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket	32.70	6.07
		For Work In Restricted Working Space, Add	*5.06*	
		For Single Layer Of Felt Finish, Add	*1.66*	
22 07 19 00-0044	LF	10" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket	39.14	7.26
		For Work In Restricted Working Space, Add	*6.06*	
		For Single Layer Of Felt Finish, Add	*1.99*	
22 07 19 00-0045	LF	12" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket	44.98	8.71
		For Work In Restricted Working Space, Add	*7.25*	
		For Single Layer Of Felt Finish, Add	*2.18*	
22 07 19 00-0046	LF	14" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket	57.26	9.50
		For Work In Restricted Working Space, Add	*10.12*	
		For Single Layer Of Felt Finish, Add	*2.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0047	LF	16" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket	60.52	11.14
		For Work In Restricted Working Space, Add	*10.12*	
		For Single Layer Of Felt Finish, Add	*2.81*	
22 07 19 00-0048	LF	18" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket	67.24	11.69
		For Work In Restricted Working Space, Add	*10.63*	
		For Single Layer Of Felt Finish, Add	*3.34*	
22 07 19 00-0049	LF	20" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket	76.19	13.36
		For Work In Restricted Working Space, Add	*12.15*	
		For Single Layer Of Felt Finish, Add	*3.75*	
22 07 19 00-0050	LF	24" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket	88.50	16.15
		For Work In Restricted Working Space, Add	*14.68*	
		For Single Layer Of Felt Finish, Add	*4.16*	

22 07 19 00-0051 Foamglas (Cellular Glass) Pipe Insulation, Rigid, Closed Cell *(22 07 19)*

Note: Includes adhesive. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.

22 07 19 00-0052 1" Thick Foamglas Pipe Insulation *(22 07 19 00-0051)*

22 07 19 00-0053	LF	1/2" Diameter Pipe, 1" Thick Foamglas Insulation	20.80	5.69
		For Work In Restricted Working Space, Add	*5.17*	
22 07 19 00-0054	LF	3/4" Diameter Pipe, 1" Thick Foamglas Insulation	21.70	5.69
		For Work In Restricted Working Space, Add	*5.17*	
22 07 19 00-0055	LF	1" Diameter Pipe, 1" Thick Foamglas Insulation	22.87	5.77
		For Work In Restricted Working Space, Add	*5.24*	
22 07 19 00-0056	LF	1-1/4" Diameter Pipe, 1" Thick Foamglas Insulation	23.42	5.85
		For Work In Restricted Working Space, Add	*5.32*	
22 07 19 00-0057	LF	1-1/2" Diameter Pipe, 1" Thick Foamglas Insulation	24.29	5.93
		For Work In Restricted Working Space, Add	*5.40*	
22 07 19 00-0058	LF	2" Diameter Pipe, 1" Thick Foamglas Insulation	25.94	6.10
		For Work In Restricted Working Space, Add	*5.55*	
22 07 19 00-0059	LF	2-1/2" Diameter Pipe, 1" Thick Foamglas Insulation	28.00	6.35
		For Work In Restricted Working Space, Add	*5.78*	
22 07 19 00-0060	LF	3" Diameter Pipe, 1" Thick Foamglas Insulation	30.27	6.51
		For Work In Restricted Working Space, Add	*5.93*	
22 07 19 00-0061	LF	4" Diameter Pipe, 1" Thick Foamglas Insulation	35.11	7.01
		For Work In Restricted Working Space, Add	*6.37*	
22 07 19 00-0062	LF	6" Diameter Pipe, 1" Thick Foamglas Insulation	44.93	7.90
		For Work In Restricted Working Space, Add	*7.19*	

22 07 19 00-0063 1-1/2" Thick Foamglas Pipe Insulation *(22 07 19 00-0051)*

22 07 19 00-0064	LF	1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	24.79	6.30
		For Work In Restricted Working Space, Add	*5.55*	
22 07 19 00-0065	LF	3/4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	25.36	6.30
		For Work In Restricted Working Space, Add	*5.55*	
22 07 19 00-0066	LF	1" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	26.19	6.39
		For Work In Restricted Working Space, Add	*5.62*	
22 07 19 00-0067	LF	1-1/4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	26.84	6.47
		For Work In Restricted Working Space, Add	*5.69*	
22 07 19 00-0068	LF	1-1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	27.46	6.56
		For Work In Restricted Working Space, Add	*5.77*	
22 07 19 00-0069	LF	2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	29.86	6.78
		For Work In Restricted Working Space, Add	*5.96*	
22 07 19 00-0070	LF	2-1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	33.95	7.03
		For Work In Restricted Working Space, Add	*6.19*	
22 07 19 00-0071	LF	3" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	37.62	7.24
		For Work In Restricted Working Space, Add	*6.37*	
22 07 19 00-0072	LF	4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	42.72	7.70
		For Work In Restricted Working Space, Add	*6.78*	
22 07 19 00-0073	LF	6" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	50.40	8.73
		For Work In Restricted Working Space, Add	*7.68*	
22 07 19 00-0074	LF	8" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	56.37	9.74
		For Work In Restricted Working Space, Add	*8.57*	
22 07 19 00-0075	LF	10" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	68.53	11.23
		For Work In Restricted Working Space, Add	*9.88*	
22 07 19 00-0076	LF	12" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	81.16	13.95
		For Work In Restricted Working Space, Add	*12.27*	
22 07 19 00-0077	LF	14" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	90.27	14.68
		For Work In Restricted Working Space, Add	*13.34*	
22 07 19 00-0078	LF	16" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	99.32	16.39
		For Work In Restricted Working Space, Add	*14.90*	
22 07 19 00-0079	LF	18" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	112.35	19.39
		For Work In Restricted Working Space, Add	*17.63*	
22 07 19 00-0080	LF	20" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	125.55	21.47
		For Work In Restricted Working Space, Add	*19.52*	
22 07 19 00-0081	LF	24" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation	157.57	23.78
		For Work In Restricted Working Space, Add	*21.62*	

22 07 19 00-0082 2" Thick Foamglas Pipe Insulation *(22 07 19 00-0051)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0083	LF	1/2" Diameter Pipe, 2" Thick Foamglas Insulation	27.97	6.51
		For Work In Restricted Working Space, Add	*5.93*	
22 07 19 00-0084	LF	3/4" Diameter Pipe, 2" Thick Foamglas Insulation	28.86	6.51
		For Work In Restricted Working Space, Add	*5.93*	
22 07 19 00-0085	LF	1" Diameter Pipe, 2" Thick Foamglas Insulation	29.98	6.58
		For Work In Restricted Working Space, Add	*6.00*	
22 07 19 00-0086	LF	1-1/4" Diameter Pipe, 2" Thick Foamglas Insulation	31.62	6.68
		For Work In Restricted Working Space, Add	*6.07*	
22 07 19 00-0087	LF	1-1/2" Diameter Pipe, 2" Thick Foamglas Insulation	33.28	6.77
		For Work In Restricted Working Space, Add	*6.14*	
22 07 19 00-0088	LF	2" Diameter Pipe, 2" Thick Foamglas Insulation	37.36	7.01
		For Work In Restricted Working Space, Add	*6.37*	
22 07 19 00-0089	LF	2-1/2" Diameter Pipe, 2" Thick Foamglas Insulation	39.21	7.26
		For Work In Restricted Working Space, Add	*6.60*	
22 07 19 00-0090	LF	3" Diameter Pipe, 2" Thick Foamglas Insulation	42.15	7.50
		For Work In Restricted Working Space, Add	*6.82*	
22 07 19 00-0091	LF	4" Diameter Pipe, 2" Thick Foamglas Insulation	47.60	7.91
		For Work In Restricted Working Space, Add	*7.19*	
22 07 19 00-0092	LF	6" Diameter Pipe, 2" Thick Foamglas Insulation	57.07	8.99
		For Work In Restricted Working Space, Add	*8.17*	
22 07 19 00-0093	LF	8" Diameter Pipe, 2" Thick Foamglas Insulation	63.53	10.03
		For Work In Restricted Working Space, Add	*9.11*	
22 07 19 00-0094	LF	10" Diameter Pipe, 2" Thick Foamglas Insulation	77.49	11.55
		For Work In Restricted Working Space, Add	*10.51*	
22 07 19 00-0095	LF	12" Diameter Pipe, 2" Thick Foamglas Insulation	95.98	14.37
		For Work In Restricted Working Space, Add	*13.06*	
22 07 19 00-0096	LF	14" Diameter Pipe, 2" Thick Foamglas Insulation	102.44	15.68
		For Work In Restricted Working Space, Add	*14.25*	
22 07 19 00-0097	LF	16" Diameter Pipe, 2" Thick Foamglas Insulation	120.68	20.04
		For Work In Restricted Working Space, Add	*18.22*	
22 07 19 00-0098	LF	18" Diameter Pipe, 2" Thick Foamglas Insulation	131.80	21.04
		For Work In Restricted Working Space, Add	*19.12*	
22 07 19 00-0099	LF	20" Diameter Pipe, 2" Thick Foamglas Insulation	145.59	24.05
		For Work In Restricted Working Space, Add	*21.86*	
22 07 19 00-0100	LF	24" Diameter Pipe, 2" Thick Foamglas Insulation	182.94	29.06
		For Work In Restricted Working Space, Add	*26.42*	

22 07 19 00-0101 2-1/2" Thick Foamglas Pipe Insulation *(22 07 19 00-0051)*

22 07 19 00-0102	LF	1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	34.21	7.07
		For Work In Restricted Working Space, Add	*6.42*	
22 07 19 00-0103	LF	3/4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	35.71	7.06
		For Work In Restricted Working Space, Add	*6.42*	
22 07 19 00-0104	LF	1" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	37.60	7.17
		For Work In Restricted Working Space, Add	*6.53*	
22 07 19 00-0105	LF	1-1/4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	39.27	7.23
		For Work In Restricted Working Space, Add	*6.57*	
22 07 19 00-0106	LF	1-1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	40.96	7.29
		For Work In Restricted Working Space, Add	*6.62*	
22 07 19 00-0107	LF	2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	43.97	7.58
		For Work In Restricted Working Space, Add	*6.89*	
22 07 19 00-0108	LF	2-1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	46.86	7.84
		For Work In Restricted Working Space, Add	*7.13*	
22 07 19 00-0109	LF	3" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	51.01	8.12
		For Work In Restricted Working Space, Add	*7.38*	
22 07 19 00-0110	LF	4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	57.33	8.56
		For Work In Restricted Working Space, Add	*7.78*	
22 07 19 00-0111	LF	6" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	68.71	9.74
		For Work In Restricted Working Space, Add	*8.85*	
22 07 19 00-0112	LF	8" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	76.55	10.85
		For Work In Restricted Working Space, Add	*9.86*	
22 07 19 00-0113	LF	10" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	87.31	12.50
		For Work In Restricted Working Space, Add	*11.38*	
22 07 19 00-0114	LF	12" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	108.72	15.56
		For Work In Restricted Working Space, Add	*14.14*	
22 07 19 00-0115	LF	14" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	113.13	16.98
		For Work In Restricted Working Space, Add	*15.44*	
22 07 19 00-0116	LF	16" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	132.85	21.70
		For Work In Restricted Working Space, Add	*19.72*	
22 07 19 00-0117	LF	18" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	144.73	22.78
		For Work In Restricted Working Space, Add	*20.71*	
22 07 19 00-0118	LF	20" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	166.45	26.04
		For Work In Restricted Working Space, Add	*23.67*	
22 07 19 00-0119	LF	24" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	208.83	31.46
		For Work In Restricted Working Space, Add	*28.60*	

22 07 19 00-0120 3" Thick Foamglas Pipe Insulation *(22 07 19 00-0051)*

22 07 19 00-0121	LF	1/2" Diameter Pipe, 3" Thick Foamglas Insulation	41.65	7.51
		For Work In Restricted Working Space, Add	*6.83*	
22 07 19 00-0122	LF	3/4" Diameter Pipe, 3" Thick Foamglas Insulation	42.56	7.51
		For Work In Restricted Working Space, Add	*6.83*	
22 07 19 00-0123	LF	1" Diameter Pipe, 3" Thick Foamglas Insulation	43.85	7.63
		For Work In Restricted Working Space, Add	*6.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0124	LF	1-1/4" Diameter Pipe, 3" Thick Foamglas Insulation	44.92	7.68
		For Work In Restricted Working Space, Add	*6.99*	
22 07 19 00-0125	LF	1-1/2" Diameter Pipe, 3" Thick Foamglas Insulation	46.03	7.75
		For Work In Restricted Working Space, Add	*7.04*	
22 07 19 00-0126	LF	2" Diameter Pipe, 3" Thick Foamglas Insulation	49.56	8.06
		For Work In Restricted Working Space, Add	*7.34*	
22 07 19 00-0127	LF	2-1/2" Diameter Pipe, 3" Thick Foamglas Insulation	52.95	8.35
		For Work In Restricted Working Space, Add	*7.59*	
22 07 19 00-0128	LF	3" Diameter Pipe, 3" Thick Foamglas Insulation	60.44	8.64
		For Work In Restricted Working Space, Add	*7.85*	
22 07 19 00-0129	LF	4" Diameter Pipe, 3" Thick Foamglas Insulation	69.22	9.10
		For Work In Restricted Working Space, Add	*8.28*	
22 07 19 00-0130	LF	6" Diameter Pipe, 3" Thick Foamglas Insulation	75.67	10.35
		For Work In Restricted Working Space, Add	*9.41*	
22 07 19 00-0131	LF	8" Diameter Pipe, 3" Thick Foamglas Insulation	85.52	11.54
		For Work In Restricted Working Space, Add	*10.50*	
22 07 19 00-0132	LF	10" Diameter Pipe, 3" Thick Foamglas Insulation	102.18	13.31
		For Work In Restricted Working Space, Add	*12.10*	
22 07 19 00-0133	LF	12" Diameter Pipe, 3" Thick Foamglas Insulation	118.31	16.54
		For Work In Restricted Working Space, Add	*15.04*	
22 07 19 00-0134	LF	14" Diameter Pipe, 3" Thick Foamglas Insulation	126.55	18.06
		For Work In Restricted Working Space, Add	*16.42*	
22 07 19 00-0135	LF	16" Diameter Pipe, 3" Thick Foamglas Insulation	150.57	23.09
		For Work In Restricted Working Space, Add	*20.98*	
22 07 19 00-0136	LF	18" Diameter Pipe, 3" Thick Foamglas Insulation	161.35	24.23
		For Work In Restricted Working Space, Add	*22.04*	
22 07 19 00-0137	LF	20" Diameter Pipe, 3" Thick Foamglas Insulation	189.33	27.70
		For Work In Restricted Working Space, Add	*25.18*	
22 07 19 00-0138	LF	24" Diameter Pipe, 3" Thick Foamglas Insulation	231.60	33.47
		For Work In Restricted Working Space, Add	*30.43*	

22 07 19 00-0139 3-1/2" Thick Foamglas Pipe Insulation *(22 07 19 00-0051)*

22 07 19 00-0140	LF	1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	50.15	9.10
		For Work In Restricted Working Space, Add	*8.28*	
22 07 19 00-0141	LF	3/4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	51.29	9.10
		For Work In Restricted Working Space, Add	*8.28*	
22 07 19 00-0142	LF	1" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	52.61	9.16
		For Work In Restricted Working Space, Add	*8.33*	
22 07 19 00-0143	LF	1-1/4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	53.93	9.22
		For Work In Restricted Working Space, Add	*8.39*	
22 07 19 00-0144	LF	1-1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	55.42	9.33
		For Work In Restricted Working Space, Add	*8.49*	
22 07 19 00-0145	LF	2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	61.22	9.67
		For Work In Restricted Working Space, Add	*8.78*	
22 07 19 00-0146	LF	2-1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	67.04	10.00
		For Work In Restricted Working Space, Add	*9.09*	
22 07 19 00-0147	LF	3" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	70.89	10.35
		For Work In Restricted Working Space, Add	*9.41*	
22 07 19 00-0148	LF	4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	75.98	10.94
		For Work In Restricted Working Space, Add	*9.95*	
22 07 19 00-0149	LF	6" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	87.53	12.42
		For Work In Restricted Working Space, Add	*11.30*	
22 07 19 00-0150	LF	8" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	99.63	13.83
		For Work In Restricted Working Space, Add	*12.58*	
22 07 19 00-0151	LF	10" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	119.39	15.97
		For Work In Restricted Working Space, Add	*14.52*	
22 07 19 00-0152	LF	12" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	140.70	19.85
		For Work In Restricted Working Space, Add	*18.05*	
22 07 19 00-0153	LF	14" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	146.42	21.68
		For Work In Restricted Working Space, Add	*19.70*	
22 07 19 00-0154	LF	16" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	174.86	27.70
		For Work In Restricted Working Space, Add	*25.18*	
22 07 19 00-0155	LF	18" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	192.71	29.09
		For Work In Restricted Working Space, Add	*26.44*	
22 07 19 00-0156	LF	20" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	219.33	33.27
		For Work In Restricted Working Space, Add	*30.24*	
22 07 19 00-0157	LF	24" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	269.61	40.16
		For Work In Restricted Working Space, Add	*36.52*	

22 07 19 00-0158 4" Thick Foamglas Pipe Insulation *(22 07 19 00-0051)*

22 07 19 00-0159	LF	1/2" Diameter Pipe, 4" Thick Foamglas Insulation	61.02	11.20
		For Work In Restricted Working Space, Add	*10.17*	
22 07 19 00-0160	LF	3/4" Diameter Pipe, 4" Thick Foamglas Insulation	62.49	11.20
		For Work In Restricted Working Space, Add	*10.17*	
22 07 19 00-0161	LF	1" Diameter Pipe, 4" Thick Foamglas Insulation	64.55	11.38
		For Work In Restricted Working Space, Add	*10.35*	
22 07 19 00-0162	LF	1-1/4" Diameter Pipe, 4" Thick Foamglas Insulation	66.43	11.52
		For Work In Restricted Working Space, Add	*10.47*	
22 07 19 00-0163	LF	1-1/2" Diameter Pipe, 4" Thick Foamglas Insulation	68.99	11.88
		For Work In Restricted Working Space, Add	*10.79*	
22 07 19 00-0164	LF	2" Diameter Pipe, 4" Thick Foamglas Insulation	74.77	12.24
		For Work In Restricted Working Space, Add	*11.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0165	LF	2-1/2" Diameter Pipe, 4" Thick Foamglas Insulation	79.98	12.43
		For Work In Restricted Working Space, Add	*11.30*	
22 07 19 00-0166	LF	3" Diameter Pipe, 4" Thick Foamglas Insulation	84.03	12.90
		For Work In Restricted Working Space, Add	*11.72*	
22 07 19 00-0167	LF	4" Diameter Pipe, 4" Thick Foamglas Insulation	91.72	14.38
		For Work In Restricted Working Space, Add	*13.07*	
22 07 19 00-0168	LF	6" Diameter Pipe, 4" Thick Foamglas Insulation	106.58	15.43
		For Work In Restricted Working Space, Add	*14.04*	
22 07 19 00-0169	LF	8" Diameter Pipe, 4" Thick Foamglas Insulation	120.60	16.74
		For Work In Restricted Working Space, Add	*15.22*	
22 07 19 00-0170	LF	10" Diameter Pipe, 4" Thick Foamglas Insulation	137.84	19.89
		For Work In Restricted Working Space, Add	*18.08*	
22 07 19 00-0171	LF	12" Diameter Pipe, 4" Thick Foamglas Insulation	160.46	24.71
		For Work In Restricted Working Space, Add	*22.46*	
22 07 19 00-0172	LF	14" Diameter Pipe, 4" Thick Foamglas Insulation	174.42	26.97
		For Work In Restricted Working Space, Add	*24.53*	
22 07 19 00-0173	LF	16" Diameter Pipe, 4" Thick Foamglas Insulation	206.03	34.49
		For Work In Restricted Working Space, Add	*31.36*	
22 07 19 00-0174	LF	18" Diameter Pipe, 4" Thick Foamglas Insulation	230.13	36.16
		For Work In Restricted Working Space, Add	*32.87*	
22 07 19 00-0175	LF	20" Diameter Pipe, 4" Thick Foamglas Insulation	257.62	41.37
		For Work In Restricted Working Space, Add	*37.61*	
22 07 19 00-0176	LF	24" Diameter Pipe, 4" Thick Foamglas Insulation	327.77	49.99
		For Work In Restricted Working Space, Add	*45.44*	

22 07 19 00-0177 Flexible Polyethylene Tubing Closed Cell Foam Insulation *(22 07 19)*

Note: UV resistant standard temperature (-90 Degree F To +212 Degree F). For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.

22 07 19 00-0178 3/8" Wall Flexible Polyethylene Tubing Foam Insulation *(22 07 19 00-0177)*

22 07 19 00-0179	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.55	3.48
		For Work In Restricted Working Space, Add	*2.10*	
22 07 19 00-0180	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.56	3.48
		For Work In Restricted Working Space, Add	*2.10*	
22 07 19 00-0181	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.88	3.61
		For Work In Restricted Working Space, Add	*2.17*	
22 07 19 00-0182	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.21	3.74
		For Work In Restricted Working Space, Add	*2.24*	
22 07 19 00-0183	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.55	3.80
		For Work In Restricted Working Space, Add	*2.28*	
22 07 19 00-0184	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.94	3.86
		For Work In Restricted Working Space, Add	*2.32*	
22 07 19 00-0185	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.10	3.86
		For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-0186	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.56	3.86
		For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-0187	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.45	3.98
		For Work In Restricted Working Space, Add	*2.41*	
22 07 19 00-0188	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.84	4.05
		For Work In Restricted Working Space, Add	*2.44*	

22 07 19 00-0189 1/2" Wall Flexible Polyethylene Tubing Foam Insulation *(22 07 19 00-0177)*

22 07 19 00-0190	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.42	3.80
		For Work In Restricted Working Space, Add	*2.28*	
22 07 19 00-0191	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.52	3.80
		For Work In Restricted Working Space, Add	*2.30*	
22 07 19 00-0192	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.68	3.86
		For Work In Restricted Working Space, Add	*2.32*	
22 07 19 00-0193	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.86	3.89
		For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-0194	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.35	3.98
		For Work In Restricted Working Space, Add	*2.39*	
22 07 19 00-0195	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.77	4.05
		For Work In Restricted Working Space, Add	*2.42*	
22 07 19 00-0196	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.25	4.11
		For Work In Restricted Working Space, Add	*2.46*	
22 07 19 00-0197	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.85	4.16
		For Work In Restricted Working Space, Add	*2.50*	
22 07 19 00-0198	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	11.87	4.29
		For Work In Restricted Working Space, Add	*2.57*	
22 07 19 00-0199	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	12.96	4.35
		For Work In Restricted Working Space, Add	*2.61*	
22 07 19 00-0200	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	13.98	4.41
		For Work In Restricted Working Space, Add	*2.64*	
22 07 19 00-0201	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	14.59	4.46
		For Work In Restricted Working Space, Add	*2.68*	

22 07 19 00-0202 3/4" Wall Flexible Polyethylene Tubing Foam Insulation *(22 07 19 00-0177)*

22 07 19 00-0203	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.43	4.11
		For Work In Restricted Working Space, Add	*2.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0204	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.55	4.16
		For Work In Restricted Working Space, Add	*2.50*	
22 07 19 00-0205	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.22	4.29
		For Work In Restricted Working Space, Add	*2.57*	
22 07 19 00-0206	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.53	4.35
		For Work In Restricted Working Space, Add	*2.61*	
22 07 19 00-0207	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	11.37	4.46
		For Work In Restricted Working Space, Add	*2.68*	
22 07 19 00-0208	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	12.28	4.53
		For Work In Restricted Working Space, Add	*2.72*	
22 07 19 00-0209	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	12.68	4.56
		For Work In Restricted Working Space, Add	*2.73*	
22 07 19 00-0210	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	14.35	4.59
		For Work In Restricted Working Space, Add	*2.75*	
22 07 19 00-0211	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	16.65	4.71
		For Work In Restricted Working Space, Add	*2.83*	
22 07 19 00-0212	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	16.76	4.78
		For Work In Restricted Working Space, Add	*2.86*	
22 07 19 00-0213	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	18.42	4.84
		For Work In Restricted Working Space, Add	*2.90*	
22 07 19 00-0214	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	19.10	4.89
		For Work In Restricted Working Space, Add	*2.94*	

22 07 19 00-0215 1" Wall Flexible Polyethylene Tubing Foam Insulation *(22 07 19 00-0177)*

22 07 19 00-0216	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.80	4.53
		For Work In Restricted Working Space, Add	*2.72*	
22 07 19 00-0217	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	11.09	4.59
		For Work In Restricted Working Space, Add	*2.75*	
22 07 19 00-0218	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	12.08	4.71
		For Work In Restricted Working Space, Add	*2.83*	
22 07 19 00-0219	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	12.37	4.78
		For Work In Restricted Working Space, Add	*2.86*	
22 07 19 00-0220	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	13.89	4.89
		For Work In Restricted Working Space, Add	*2.94*	
22 07 19 00-0221	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	14.61	5.02
		For Work In Restricted Working Space, Add	*3.01*	
22 07 19 00-0222	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	14.90	5.08
		For Work In Restricted Working Space, Add	*3.05*	
22 07 19 00-0223	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	16.37	5.14
		For Work In Restricted Working Space, Add	*3.08*	
22 07 19 00-0224	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	17.40	5.27
		For Work In Restricted Working Space, Add	*3.16*	
22 07 19 00-0225	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	18.30	5.33
		For Work In Restricted Working Space, Add	*3.20*	

22 07 19 00-0226 Flexible Elastomeric Tubing Closed Cell Foam Insulation *(22 07 19)*

Note: For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.

22 07 19 00-0227 3/8" Wall Flexible Elastomeric Tubing Foam Insulation (AP Armaflex) *(22 07 19 00-0226)*

22 07 19 00-0228	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.61	3.48
		For Work In Restricted Working Space, Add	*2.10*	
22 07 19 00-0229	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.71	3.48
		For Work In Restricted Working Space, Add	*2.10*	
22 07 19 00-0230	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.01	3.61
		For Work In Restricted Working Space, Add	*2.17*	
22 07 19 00-0231	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.18	3.67
		For Work In Restricted Working Space, Add	*2.20*	
22 07 19 00-0232	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.37	3.74
		For Work In Restricted Working Space, Add	*2.24*	
22 07 19 00-0233	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.61	3.80
		For Work In Restricted Working Space, Add	*2.28*	
22 07 19 00-0234	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.83	3.86
		For Work In Restricted Working Space, Add	*2.32*	
22 07 19 00-0235	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.02	3.86
		For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-0236	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.19	3.86
		For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-0237	LF	2" I.D. (2-1/8" O.D.)Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.38	3.92
		For Work In Restricted Working Space, Add	*2.35*	
22 07 19 00-0238	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.66	3.98
		For Work In Restricted Working Space, Add	*2.39*	
22 07 19 00-0239	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.88	3.98
		For Work In Restricted Working Space, Add	*2.41*	
22 07 19 00-0240	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.04	4.05
		For Work In Restricted Working Space, Add	*2.42*	
22 07 19 00-0241	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.28	4.05
		For Work In Restricted Working Space, Add	*2.44*	
22 07 19 00-0242	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.77	4.11
		For Work In Restricted Working Space, Add	*2.46*	
22 07 19 00-0243	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.36	4.16
		For Work In Restricted Working Space, Add	*2.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0244	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.99	4.19
		For Work In Restricted Working Space, Add	*2.52*	
22 07 19 00-0245		1/2" Wall Flexible Elastomeric Tubing Foam Insulation (AP Armaflex) *(22 07 19 00-0226)*		
22 07 19 00-0246	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.53	3.80
		For Work In Restricted Working Space, Add	*2.28*	
22 07 19 00-0247	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.64	3.80
		For Work In Restricted Working Space, Add	*2.30*	
22 07 19 00-0248	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.77	3.86
		For Work In Restricted Working Space, Add	*2.32*	
22 07 19 00-0249	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.93	3.86
		For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-0250	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.05	3.86
		For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-0251	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.39	3.98
		For Work In Restricted Working Space, Add	*2.39*	
22 07 19 00-0252	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.70	4.05
		For Work In Restricted Working Space, Add	*2.42*	
22 07 19 00-0253	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.99	4.11
		For Work In Restricted Working Space, Add	*2.46*	
22 07 19 00-0254	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.26	4.14
		For Work In Restricted Working Space, Add	*2.48*	
22 07 19 00-0255	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.49	4.16
		For Work In Restricted Working Space, Add	*2.50*	
22 07 19 00-0256	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.31	4.23
		For Work In Restricted Working Space, Add	*2.54*	
22 07 19 00-0257	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.82	4.29
		For Work In Restricted Working Space, Add	*2.57*	
22 07 19 00-0258	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.19	4.33
		For Work In Restricted Working Space, Add	*2.59*	
22 07 19 00-0259	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.51	4.35
		For Work In Restricted Working Space, Add	*2.61*	
22 07 19 00-0260	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.75	4.38
		For Work In Restricted Working Space, Add	*2.63*	
22 07 19 00-0261	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.95	4.41
		For Work In Restricted Working Space, Add	*2.64*	
22 07 19 00-0262	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.89	4.46
		For Work In Restricted Working Space, Add	*2.68*	
22 07 19 00-0263	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.12	4.50
		For Work In Restricted Working Space, Add	*2.70*	
22 07 19 00-0264	LF	5" I.D. (5-9/16" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	15.03	4.53
		For Work In Restricted Working Space, Add	*2.72*	
22 07 19 00-0265	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.14	4.65
		For Work In Restricted Working Space, Add	*2.79*	
22 07 19 00-0266	LF	8" IPS (8-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.37	4.78
		For Work In Restricted Working Space, Add	*2.86*	
22 07 19 00-0267		3/4" Wall Flexible Elastomeric Tubing Foam Insulation (AP Armaflex) *(22 07 19 00-0226)*		
22 07 19 00-0268	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.72	4.11
		For Work In Restricted Working Space, Add	*2.46*	
22 07 19 00-0269	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.97	4.16
		For Work In Restricted Working Space, Add	*2.50*	
22 07 19 00-0270	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.36	4.29
		For Work In Restricted Working Space, Add	*2.57*	
22 07 19 00-0271	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.57	4.33
		For Work In Restricted Working Space, Add	*2.59*	
22 07 19 00-0272	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.68	4.35
		For Work In Restricted Working Space, Add	*2.61*	
22 07 19 00-0273	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.22	4.46
		For Work In Restricted Working Space, Add	*2.68*	
22 07 19 00-0274	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.65	4.53
		For Work In Restricted Working Space, Add	*2.72*	
22 07 19 00-0275	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.06	4.59
		For Work In Restricted Working Space, Add	*2.75*	
22 07 19 00-0276	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.17	4.59
		For Work In Restricted Working Space, Add	*2.75*	
22 07 19 00-0277	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.34	4.63
		For Work In Restricted Working Space, Add	*2.78*	
22 07 19 00-0278	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.82	4.65
		For Work In Restricted Working Space, Add	*2.79*	
22 07 19 00-0279	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.10	4.71
		For Work In Restricted Working Space, Add	*2.83*	
22 07 19 00-0280	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.65	4.74
		For Work In Restricted Working Space, Add	*2.85*	
22 07 19 00-0281	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.03	4.78
		For Work In Restricted Working Space, Add	*2.86*	
22 07 19 00-0282	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.61	4.81
		For Work In Restricted Working Space, Add	*2.89*	
22 07 19 00-0283	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.85	4.84
		For Work In Restricted Working Space, Add	*2.90*	

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22 07 19 00-0284	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	15.73	4.89
		For Work In Restricted Working Space, Add	*2.94*	
22 07 19 00-0285	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.41	4.93
		For Work In Restricted Working Space, Add	*2.96*	
22 07 19 00-0286	LF	5" IPS (5-9/16" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.56	4.95
		For Work In Restricted Working Space, Add	*2.97*	
22 07 19 00-0287	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 3/4" Flexible Elastomeric Tubing Closed Cell Foam Insulation	18.80	5.02
		For Work In Restricted Working Space, Add	*3.01*	
22 07 19 00-0288	LF	8" IPS (8-5/8" O.D.) Diameter Pipe, 3/4" Flexible Elastomeric Tubing Closed Cell Foam Insulation	20.30	5.14
		For Work In Restricted Working Space, Add	*3.08*	
22 07 19 00-0289		1" Wall Flexible Elastomeric Tubing Foam Insulation (AP Armaflex) *(22 07 19 00-0226)*		
22 07 19 00-0290	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.27	4.52
		For Work In Restricted Working Space, Add	*2.72*	
22 07 19 00-0291	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.57	4.59
		For Work In Restricted Working Space, Add	*2.75*	
22 07 19 00-0292	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.99	4.71
		For Work In Restricted Working Space, Add	*2.83*	
22 07 19 00-0293	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.30	4.74
		For Work In Restricted Working Space, Add	*2.85*	
22 07 19 00-0294	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.57	4.78
		For Work In Restricted Working Space, Add	*2.86*	
22 07 19 00-0295	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.09	4.89
		For Work In Restricted Working Space, Add	*2.94*	
22 07 19 00-0296	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.86	5.02
		For Work In Restricted Working Space, Add	*3.01*	
22 07 19 00-0297	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.25	5.02
		For Work In Restricted Working Space, Add	*3.05*	
22 07 19 00-0298	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.74	5.08
		For Work In Restricted Working Space, Add	*3.07*	
22 07 19 00-0299	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.93	5.14
		For Work In Restricted Working Space, Add	*3.08*	
22 07 19 00-0300	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.01	5.22
		For Work In Restricted Working Space, Add	*3.12*	
22 07 19 00-0301	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.86	5.27
		For Work In Restricted Working Space, Add	*3.16*	
22 07 19 00-0302	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.91	5.31
		For Work In Restricted Working Space, Add	*3.18*	
22 07 19 00-0303	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	18.22	5.33
		For Work In Restricted Working Space, Add	*3.20*	
22 07 19 00-0304	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	18.78	5.37
		For Work In Restricted Working Space, Add	*3.21*	
22 07 19 00-0305	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	19.05	5.39
		For Work In Restricted Working Space, Add	*3.23*	
22 07 19 00-0306	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	21.09	5.52
		For Work In Restricted Working Space, Add	*3.30*	
22 07 19 00-0307	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	22.47	5.57
		For Work In Restricted Working Space, Add	*3.35*	
22 07 19 00-0308	LF	5" IPS (5-9/16" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	24.47	5.63
		For Work In Restricted Working Space, Add	*3.38*	
22 07 19 00-0309	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	26.62	5.76
		For Work In Restricted Working Space, Add	*3.45*	
22 07 19 00-0310		1-1/2" Wall Flexible Elastomeric Tubing Foam Insulation (AP Armaflex) *(22 07 19 00-0226)*		
22 07 19 00-0311	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.42	5.07
		For Work In Restricted Working Space, Add	*3.04*	
22 07 19 00-0312	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.84	5.18
		For Work In Restricted Working Space, Add	*3.11*	
22 07 19 00-0313	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.15	5.22
		For Work In Restricted Working Space, Add	*3.13*	
22 07 19 00-0314	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.47	5.26
		For Work In Restricted Working Space, Add	*3.14*	
22 07 19 00-0315	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.95	5.38
		For Work In Restricted Working Space, Add	*3.22*	
22 07 19 00-0316	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	18.75	5.57
		For Work In Restricted Working Space, Add	*3.34*	
22 07 19 00-0317	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	19.75	5.49
		For Work In Restricted Working Space, Add	*3.37*	
22 07 19 00-0318	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	20.63	5.62
		For Work In Restricted Working Space, Add	*3.41*	
22 07 19 00-0319	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	21.19	5.76
		For Work In Restricted Working Space, Add	*3.45*	
22 07 19 00-0320	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	22.85	5.83
		For Work In Restricted Working Space, Add	*3.49*	
22 07 19 00-0321	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	24.42	5.90
		For Work In Restricted Working Space, Add	*3.53*	
22 07 19 00-0322	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	25.16	5.92
		For Work In Restricted Working Space, Add	*3.55*	
22 07 19 00-0323	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	25.90	5.93
		For Work In Restricted Working Space, Add	*3.57*	

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22 07 19 00-0324	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	26.76	5.97
		For Work In Restricted Working Space, Add	*3.58*	
22 07 19 00-0325	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	27.30	5.99
		For Work In Restricted Working Space, Add	*3.60*	
22 07 19 00-0326	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	30.28	6.21
		For Work In Restricted Working Space, Add	*3.72*	
22 07 19 00-0327	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	31.89	6.30
		For Work In Restricted Working Space, Add	*3.78*	
22 07 19 00-0328	LF	5" IPS (5-9/16" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	35.68	6.40
		For Work In Restricted Working Space, Add	*3.84*	
22 07 19 00-0329	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	39.50	6.59
		For Work In Restricted Working Space, Add	*3.96*	

22 07 19 00-0330 2" Wall Flexible Elastomeric Tubing Foam Insulation (AP Armaflex) *(22 07 19 00-0226)*

22 07 19 00-0331	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	23.04	5.60
		For Work In Restricted Working Space, Add	*3.36*	
22 07 19 00-0332	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	23.90	5.68
		For Work In Restricted Working Space, Add	*3.43*	
22 07 19 00-0333	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	25.30	5.73
		For Work In Restricted Working Space, Add	*3.44*	
22 07 19 00-0334	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	25.80	5.77
		For Work In Restricted Working Space, Add	*3.45*	
22 07 19 00-0335	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	27.03	5.89
		For Work In Restricted Working Space, Add	*3.53*	
22 07 19 00-0336	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	28.61	6.17
		For Work In Restricted Working Space, Add	*3.70*	
22 07 19 00-0337	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	29.48	6.01
		For Work In Restricted Working Space, Add	*3.72*	
22 07 19 00-0338	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	31.06	6.22
		For Work In Restricted Working Space, Add	*3.79*	
22 07 19 00-0339	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	32.58	6.43
		For Work In Restricted Working Space, Add	*3.86*	
22 07 19 00-0340	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	33.59	6.51
		For Work In Restricted Working Space, Add	*3.90*	
22 07 19 00-0341	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	35.64	6.59
		For Work In Restricted Working Space, Add	*3.94*	
22 07 19 00-0342	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	35.90	6.61
		For Work In Restricted Working Space, Add	*3.96*	
22 07 19 00-0343	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	37.80	6.62
		For Work In Restricted Working Space, Add	*3.98*	
22 07 19 00-0344	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	39.11	6.65
		For Work In Restricted Working Space, Add	*3.99*	
22 07 19 00-0345	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	40.52	6.68
		For Work In Restricted Working Space, Add	*4.01*	
22 07 19 00-0346	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	45.29	7.00
		For Work In Restricted Working Space, Add	*4.18*	
22 07 19 00-0347	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	48.06	7.14
		For Work In Restricted Working Space, Add	*4.28*	
22 07 19 00-0348	LF	5" IPS (5-9/16" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	48.92	7.28
		For Work In Restricted Working Space, Add	*4.37*	
22 07 19 00-0349	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	54.65	7.56
		For Work In Restricted Working Space, Add	*4.54*	

22 07 19 00-0350 Flexible Polyolefin Tubing Closed Cell Foam Insulation *(22 07 19)*

Note: UV stabilized, work temperature (-110 degree F to +210 degree F) 0 water vapor transmission. For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.

22 07 19 00-0351 3/8" Wall Flexible Polyolefin Tubing Foam Insulation *(22 07 19 00-0350)*

22 07 19 00-0352	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.66	3.48
		For Work In Restricted Working Space, Add	*2.10*	
22 07 19 00-0353	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.76	3.48
		For Work In Restricted Working Space, Add	*2.10*	
22 07 19 00-0354	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.05	3.61
		For Work In Restricted Working Space, Add	*2.17*	
22 07 19 00-0355	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.41	3.74
		For Work In Restricted Working Space, Add	*2.24*	
22 07 19 00-0356	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.65	3.80
		For Work In Restricted Working Space, Add	*2.28*	
22 07 19 00-0357	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.09	3.86
		For Work In Restricted Working Space, Add	*2.32*	
22 07 19 00-0358	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.42	3.86
		For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-0359	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.66	3.98
		For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-0360	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.75	3.98
		For Work In Restricted Working Space, Add	*2.41*	
22 07 19 00-0361	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.72	4.05
		For Work In Restricted Working Space, Add	*2.44*	
22 07 19 00-0362	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	14.25	4.16
		For Work In Restricted Working Space, Add	*2.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 07 19 00-0363 1/2" Wall Flexible Polyolefin Tubing Foam Insulation *(22 07 19 00-0350)*

22 07 19 00-0364	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.62	3.80
		For Work In Restricted Working Space, Add	*2.28*	
22 07 19 00-0365	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.71	3.80
		For Work In Restricted Working Space, Add	*2.30*	
22 07 19 00-0366	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.90	3.86
		For Work In Restricted Working Space, Add	*2.32*	
22 07 19 00-0367	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.17	3.86
		For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-0368	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.48	3.98
		For Work In Restricted Working Space, Add	*2.39*	
22 07 19 00-0369	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.95	4.05
		For Work In Restricted Working Space, Add	*2.42*	
22 07 19 00-0370	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.49	4.11
		For Work In Restricted Working Space, Add	*2.46*	
22 07 19 00-0371	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.00	4.16
		For Work In Restricted Working Space, Add	*2.50*	
22 07 19 00-0372	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	12.15	4.29
		For Work In Restricted Working Space, Add	*2.57*	
22 07 19 00-0373	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	13.19	4.35
		For Work In Restricted Working Space, Add	*2.61*	
22 07 19 00-0374	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	15.16	4.46
		For Work In Restricted Working Space, Add	*2.68*	

22 07 19 00-0375 3/4" Wall Flexible Polyolefin Tubing Foam Insulation *(22 07 19 00-0350)*

22 07 19 00-0376	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.76	4.11
		For Work In Restricted Working Space, Add	*2.46*	
22 07 19 00-0377	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.12	4.16
		For Work In Restricted Working Space, Add	*2.50*	
22 07 19 00-0378	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.54	4.29
		For Work In Restricted Working Space, Add	*2.57*	
22 07 19 00-0379	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.25	4.35
		For Work In Restricted Working Space, Add	*2.61*	
22 07 19 00-0380	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.88	4.46
		For Work In Restricted Working Space, Add	*2.68*	
22 07 19 00-0381	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	13.03	4.53
		For Work In Restricted Working Space, Add	*2.72*	
22 07 19 00-0382	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	13.78	4.53
		For Work In Restricted Working Space, Add	*2.73*	
22 07 19 00-0383	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	14.64	4.59
		For Work In Restricted Working Space, Add	*2.75*	
22 07 19 00-0384	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	16.29	4.71
		For Work In Restricted Working Space, Add	*2.83*	
22 07 19 00-0385	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	17.79	4.78
		For Work In Restricted Working Space, Add	*2.86*	
22 07 19 00-0386	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	20.69	4.89
		For Work In Restricted Working Space, Add	*2.94*	

22 07 19 00-0387 1" Wall Flexible Polyolefin Tubing Foam Insulation *(22 07 19 00-0350)*

22 07 19 00-0388	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.76	4.53
		For Work In Restricted Working Space, Add	*2.72*	
22 07 19 00-0389	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.94	4.59
		For Work In Restricted Working Space, Add	*2.75*	
22 07 19 00-0390	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	12.37	4.71
		For Work In Restricted Working Space, Add	*2.83*	
22 07 19 00-0391	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	13.39	4.78
		For Work In Restricted Working Space, Add	*2.86*	
22 07 19 00-0392	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	14.23	4.89
		For Work In Restricted Working Space, Add	*2.94*	
22 07 19 00-0393	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	15.08	5.02
		For Work In Restricted Working Space, Add	*3.01*	
22 07 19 00-0394	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	15.92	5.02
		For Work In Restricted Working Space, Add	*3.05*	
22 07 19 00-0395	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	17.83	5.14
		For Work In Restricted Working Space, Add	*3.08*	
22 07 19 00-0396	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	20.39	5.27
		For Work In Restricted Working Space, Add	*3.16*	
22 07 19 00-0397	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	22.21	5.33
		For Work In Restricted Working Space, Add	*3.20*	

22 07 19 00-0398 Insulation Protective Jacketing *(22 07 19)*

Note: Jacketing only and to be added to insulation prices when required. ID = inside diameter.

22 07 19 00-0399 Aluminum Insulation Protective Jacketing With Bands *(22 07 19 00-0398)*

22 07 19 00-0400 Aluminum Roll, Insulation Protective Jacketing With Bands *(22 07 19 00-0399)*

22 07 19 00-0401	SF	0.006" Aluminum Insulation Jacket With Bands	17.72	7.46
22 07 19 00-0402	SF	0.010" Aluminum Insulation Jacket With Bands	18.09	7.46
22 07 19 00-0403	SF	0.016" Aluminum Insulation Jacket With Bands	18.43	7.46
22 07 19 00-0404	SF	0.020" Aluminum Insulation Jacket With Bands	18.75	7.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0405	SF	0.024" Aluminum Insulation Jacket With Bands	19.04	7.46
22 07 19 00-0406		16 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0399)*		
22 07 19 00-0407	LF	1/2" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	9.25	2.12
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0408	LF	3/4" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	9.68	2.16
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0409	LF	1" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	10.10	2.23
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0410	LF	1-1/4" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	10.55	2.28
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0411	LF	1-1/2" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	10.91	2.31
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0412	LF	1-3/4" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	11.27	2.35
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0413	LF	2" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	11.69	2.40
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0414	LF	2-1/4" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	12.13	2.44
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0415	LF	2-1/2" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	12.60	2.50
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0416	LF	2-3/4" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	12.98	2.54
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0417	LF	3" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	13.46	2.59
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0418	LF	3-1/4" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	13.93	2.65
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0419	LF	3-1/2" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	14.39	2.71
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0420	LF	3-3/4" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	14.82	2.76
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0421	LF	4" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	15.32	2.83
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0422	LF	4-1/4" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	15.83	2.90
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0423	LF	4-1/2" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	16.37	2.97
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0424	LF	4-3/4" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	16.83	3.03
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0425	LF	5" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	17.38	3.11
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0426	LF	5-1/4" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	17.95	3.19
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0427	LF	5-1/2" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	18.45	3.26
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0428	LF	5-3/4" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	19.08	3.35
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0429	LF	6" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	19.69	3.45
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0430	LF	6-1/4" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	20.14	3.50
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0431	LF	6-1/2" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	20.58	3.56
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0432	LF	7" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	21.34	3.64
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0433	LF	7-1/4" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	21.91	3.74
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0434	LF	7-1/2" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	22.38	3.80
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0435	LF	8" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	23.10	3.86
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0436	LF	8-1/2" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	23.81	3.92
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0437	LF	9" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	24.67	4.02
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.21*	
22 07 19 00-0438	LF	9-1/2" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	25.43	4.09
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.23*	
22 07 19 00-0439	LF	10" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	26.17	4.17
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.24*	
22 07 19 00-0440	LF	10-1/2" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	26.94	4.24
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.25*	
22 07 19 00-0441	LF	11" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	27.86	4.36
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.26*	
22 07 19 00-0442	LF	11-1/2" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	28.68	4.44
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.27*	
22 07 19 00-0443	LF	12" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	29.48	4.53
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.28*	
22 07 19 00-0444	LF	12-1/2" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	30.49	4.66
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.30*	
22 07 19 00-0445	LF	13" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	31.12	4.71
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.31*	
22 07 19 00-0446	LF	14" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	32.26	4.76
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.33*	
22 07 19 00-0447	LF	15" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	33.56	4.85
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.35*	
22 07 19 00-0448	LF	16" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	34.70	4.91
		For Stucco Embossed, Add	*0.15*	
		For Corrugated, Add	*0.38*	
22 07 19 00-0449	LF	17" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	36.04	5.01
		For Stucco Embossed, Add	*0.16*	
		For Corrugated, Add	*0.40*	
22 07 19 00-0450	LF	18" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	36.88	5.06
		For Stucco Embossed, Add	*0.17*	
		For Corrugated, Add	*0.42*	
22 07 19 00-0451	LF	19" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	38.56	5.19
		For Stucco Embossed, Add	*0.18*	
		For Corrugated, Add	*0.45*	
22 07 19 00-0452	LF	20" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	39.72	5.24
		For Stucco Embossed, Add	*0.19*	
		For Corrugated, Add	*0.47*	
22 07 19 00-0453	LF	21" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	41.12	5.36
		For Stucco Embossed, Add	*0.20*	
		For Corrugated, Add	*0.49*	
22 07 19 00-0454	LF	22" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	42.27	5.43
		For Stucco Embossed, Add	*0.21*	
		For Corrugated, Add	*0.51*	
22 07 19 00-0455	LF	23" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	43.73	5.55
		For Stucco Embossed, Add	*0.22*	
		For Corrugated, Add	*0.54*	
22 07 19 00-0456	LF	24" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	44.90	5.62
		For Stucco Embossed, Add	*0.22*	
		For Corrugated, Add	*0.56*	

22 07 19 00-0457 20 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0399)*

22 07 19 00-0458	LF	1/2" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	10.29	2.34
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0459	LF	3/4" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	10.80	2.39
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0460	LF	1" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	11.32	2.45
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0461	LF	1-1/4" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	11.85	2.51
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0462	LF	1-1/2" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	12.29	2.54
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0463	LF	1-3/4" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	12.73	2.58
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0464	LF	2" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	13.23	2.63
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0465	LF	2-1/4" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	13.74	2.69
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0466	LF	2-1/2" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	14.29	2.74
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0467	LF	2-3/4" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	14.77	2.79
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0468	LF	3" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	15.34	2.85
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0469	LF	3-1/4" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	15.88	2.91
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0470	LF	3-1/2" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	16.44	2.98
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0471	LF	3-3/4" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	16.94	3.03
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0472	LF	4" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	17.52	3.11
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0473	LF	4-1/4" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	18.13	3.18
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0474	LF	4-1/2" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	18.77	3.27
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0475	LF	4-3/4" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	19.31	3.33
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0476	LF	5" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	19.96	3.42
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0477	LF	5-1/4" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	20.63	3.51
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0478	LF	5-1/2" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	21.21	3.58
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0479	LF	5-3/4" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	21.95	3.70
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0480	LF	6" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	22.67	3.80
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0481	LF	6-1/4" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	23.18	3.86
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0482	LF	6-1/2" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	23.72	3.92
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0483	LF	7" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	24.62	4.01
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.21*	
22 07 19 00-0484	LF	7-1/4" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	25.29	4.11
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.22*	
22 07 19 00-0485	LF	7-1/2" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	25.85	4.17
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.23*	
22 07 19 00-0486	LF	8" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	26.72	4.24
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.24*	
22 07 19 00-0487	LF	8-1/2" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	27.57	4.31
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.26*	
22 07 19 00-0488	LF	9" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	28.59	4.42
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0489	LF	9-1/2" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	29.52	4.50
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.29*	
22 07 19 00-0490	LF	10" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	30.42	4.58
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.30*	
22 07 19 00-0491	LF	10-1/2" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	31.33	4.66
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.32*	
22 07 19 00-0492	LF	11" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	32.43	4.79
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.33*	
22 07 19 00-0493	LF	11-1/2" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	33.40	4.88
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.35*	
22 07 19 00-0494	LF	12" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	34.37	4.98
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.36*	
22 07 19 00-0495	LF	12-1/2" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	35.54	5.12
		For Stucco Embossed, Add	*0.15*	
		For Corrugated, Add	*0.38*	
22 07 19 00-0496	LF	13" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	36.33	5.19
		For Stucco Embossed, Add	*0.16*	
		For Corrugated, Add	*0.39*	
22 07 19 00-0497	LF	14" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	37.73	5.24
		For Stucco Embossed, Add	*0.17*	
		For Corrugated, Add	*0.42*	
22 07 19 00-0498	LF	15" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	39.32	5.35
		For Stucco Embossed, Add	*0.18*	
		For Corrugated, Add	*0.45*	
22 07 19 00-0499	LF	16" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	40.74	5.40
		For Stucco Embossed, Add	*0.19*	
		For Corrugated, Add	*0.48*	
22 07 19 00-0500	LF	17" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	42.35	5.52
		For Stucco Embossed, Add	*0.20*	
		For Corrugated, Add	*0.51*	
22 07 19 00-0501	LF	18" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	43.39	5.58
		For Stucco Embossed, Add	*0.21*	
		For Corrugated, Add	*0.53*	
22 07 19 00-0502	LF	19" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	45.43	5.70
		For Stucco Embossed, Add	*0.23*	
		For Corrugated, Add	*0.57*	
22 07 19 00-0503	LF	20" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	46.89	5.76
		For Stucco Embossed, Add	*0.24*	
		For Corrugated, Add	*0.60*	
22 07 19 00-0504	LF	21" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	48.57	5.90
		For Stucco Embossed, Add	*0.25*	
		For Corrugated, Add	*0.62*	
22 07 19 00-0505	LF	22" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	50.00	5.96
		For Stucco Embossed, Add	*0.26*	
		For Corrugated, Add	*0.65*	
22 07 19 00-0506	LF	23" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	51.76	6.11
		For Stucco Embossed, Add	*0.27*	
		For Corrugated, Add	*0.68*	
22 07 19 00-0507	LF	24" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	53.21	6.18
		For Stucco Embossed, Add	*0.28*	
		For Corrugated, Add	*0.71*	

22 07 19 00-0508 24 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0399)*

22 07 19 00-0509	LF	1/2" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	11.35	2.55
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0510	LF	3/4" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	11.92	2.61
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0511	LF	1" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	12.52	2.67
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0512	LF	1-1/4" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	13.11	2.73
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0513	LF	1-1/2" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	13.64	2.77
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0514	LF	1-3/4" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	14.15	2.81
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0515	LF	2" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	14.72	2.87
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0516	LF	2-1/4" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	15.31	2.93
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0517	LF	2-1/2" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	15.95	2.99
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0518	LF	2-3/4" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	16.48	3.04
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0519	LF	3" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	17.14	3.11
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0520	LF	3-1/4" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	17.78	3.18
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0521	LF	3-1/2" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	18.42	3.25
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0522	LF	3-3/4" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	18.99	3.31
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0523	LF	4" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	19.65	3.39
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0524	LF	4-1/4" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	20.34	3.47
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0525	LF	4-1/2" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	21.09	3.56
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0526	LF	4-3/4" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	21.71	3.63
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0527	LF	5" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	22.44	3.74
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0528	LF	5-1/4" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	23.19	3.84
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0529	LF	5-1/2" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	23.87	3.92
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.21*	
22 07 19 00-0530	LF	5-3/4" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	24.70	4.03
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.22*	
22 07 19 00-0531	LF	6" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	25.53	4.15
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.22*	
22 07 19 00-0532	LF	6-1/4" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	26.12	4.21
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.23*	
22 07 19 00-0533	LF	6-1/2" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	26.73	4.27
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.24*	
22 07 19 00-0534	LF	7" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	27.77	4.37
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.26*	
22 07 19 00-0535	LF	7-1/4" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	28.54	4.48
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.27*	
22 07 19 00-0536	LF	7-1/2" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	29.17	4.55
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.27*	
22 07 19 00-0537	LF	8" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	30.19	4.63
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.29*	
22 07 19 00-0538	LF	8-1/2" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	31.17	4.70
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.31*	
22 07 19 00-0539	LF	9" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	32.35	4.82
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.33*	
22 07 19 00-0540	LF	9-1/2" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	33.42	4.91
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.34*	
22 07 19 00-0541	LF	10" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	34.47	4.99
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.36*	
22 07 19 00-0542	LF	10-1/2" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	35.52	5.08
		For Stucco Embossed, Add	*0.15*	
		For Corrugated, Add	*0.38*	
22 07 19 00-0543	LF	11" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	36.78	5.23
		For Stucco Embossed, Add	*0.16*	
		For Corrugated, Add	*0.40*	
22 07 19 00-0544	LF	11-1/2" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	37.90	5.33
		For Stucco Embossed, Add	*0.17*	
		For Corrugated, Add	*0.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0545	LF	12" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	39.02	5.44
		For Stucco Embossed, Add	*0.17*	
		For Corrugated, Add	*0.43*	
22 07 19 00-0546	LF	12-1/2" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	40.36	5.60
		For Stucco Embossed, Add	*0.18*	
		For Corrugated, Add	*0.45*	
22 07 19 00-0547	LF	13" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	41.28	5.65
		For Stucco Embossed, Add	*0.19*	
		For Corrugated, Add	*0.47*	
22 07 19 00-0548	LF	14" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	42.94	5.71
		For Stucco Embossed, Add	*0.20*	
		For Corrugated, Add	*0.50*	
22 07 19 00-0549	LF	15" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	44.80	5.83
		For Stucco Embossed, Add	*0.21*	
		For Corrugated, Add	*0.54*	
22 07 19 00-0550	LF	16" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	46.46	5.89
		For Stucco Embossed, Add	*0.23*	
		For Corrugated, Add	*0.57*	
22 07 19 00-0551	LF	17" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	48.35	6.02
		For Stucco Embossed, Add	*0.24*	
		For Corrugated, Add	*0.61*	
22 07 19 00-0552	LF	18" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	49.57	6.08
		For Stucco Embossed, Add	*0.25*	
		For Corrugated, Add	*0.63*	
22 07 19 00-0553	LF	19" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	51.96	6.22
		For Stucco Embossed, Add	*0.27*	
		For Corrugated, Add	*0.68*	
22 07 19 00-0554	LF	20" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	53.67	6.29
		For Stucco Embossed, Add	*0.29*	
		For Corrugated, Add	*0.71*	
22 07 19 00-0555	LF	21" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	55.62	6.43
		For Stucco Embossed, Add	*0.30*	
		For Corrugated, Add	*0.75*	
22 07 19 00-0556	LF	22" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	57.32	6.50
		For Stucco Embossed, Add	*0.31*	
		For Corrugated, Add	*0.78*	
22 07 19 00-0557	LF	23" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	59.36	6.67
		For Stucco Embossed, Add	*0.33*	
		For Corrugated, Add	*0.82*	
22 07 19 00-0558	LF	24" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	61.07	6.75
		For Stucco Embossed, Add	*0.34*	
		For Corrugated, Add	*0.85*	

22 07 19 00-0559 32 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0399)*

22 07 19 00-0560	LF	1/2" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	12.85	2.82
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0561	LF	3/4" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	13.57	2.89
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0562	LF	1" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	14.30	2.95
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0563	LF	1-1/4" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	15.06	3.02
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0564	LF	1-1/2" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	15.70	3.07
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0565	LF	1-3/4" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	16.35	3.12
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0566	LF	2" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	17.08	3.18
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0567	LF	2-1/4" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	17.80	3.25
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0568	LF	2-1/2" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	18.61	3.31
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0569	LF	2-3/4" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	19.28	3.37
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0570	LF	3" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	20.10	3.44
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0571	LF	3-1/4" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	20.89	3.52
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0572	LF	3-1/2" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	21.68	3.60
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0573	LF	3-3/4" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	22.39	3.66
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0574	LF	4" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	23.21	3.76
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0575	LF	4-1/4" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	24.04	3.86
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.22*	
22 07 19 00-0576	LF	4-1/2" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	24.96	3.95
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.23*	
22 07 19 00-0577	LF	4-3/4" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	25.74	4.03
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.24*	
22 07 19 00-0578	LF	5" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	26.63	4.14
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.25*	
22 07 19 00-0579	LF	5-1/4" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	27.56	4.25
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.26*	
22 07 19 00-0580	LF	5-1/2" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	28.37	4.34
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.28*	
22 07 19 00-0581	LF	5-3/4" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	29.39	4.46
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.29*	
22 07 19 00-0582	LF	6" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	30.38	4.59
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.30*	
22 07 19 00-0583	LF	6-1/4" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	31.13	4.66
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.31*	
22 07 19 00-0584	LF	6-1/2" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	31.87	4.73
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.32*	
22 07 19 00-0585	LF	7" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	33.18	4.84
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.35*	
22 07 19 00-0586	LF	7-1/4" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	34.11	4.96
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.36*	
22 07 19 00-0587	LF	7-1/2" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	34.90	5.04
		For Stucco Embossed, Add	*0.15*	
		For Corrugated, Add	*0.37*	
22 07 19 00-0588	LF	8" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	36.18	5.12
		For Stucco Embossed, Add	*0.16*	
		For Corrugated, Add	*0.39*	
22 07 19 00-0589	LF	8-1/2" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	37.44	5.22
		For Stucco Embossed, Add	*0.17*	
		For Corrugated, Add	*0.41*	
22 07 19 00-0590	LF	9" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	38.91	5.35
		For Stucco Embossed, Add	*0.18*	
		For Corrugated, Add	*0.44*	
22 07 19 00-0591	LF	9-1/2" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	40.26	5.44
		For Stucco Embossed, Add	*0.19*	
		For Corrugated, Add	*0.46*	
22 07 19 00-0592	LF	10" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	41.58	5.54
		For Stucco Embossed, Add	*0.19*	
		For Corrugated, Add	*0.49*	
22 07 19 00-0593	LF	10-1/2" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	42.91	5.64
		For Stucco Embossed, Add	*0.20*	
		For Corrugated, Add	*0.51*	
22 07 19 00-0594	LF	11" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	44.47	5.80
		For Stucco Embossed, Add	*0.21*	
		For Corrugated, Add	*0.53*	
22 07 19 00-0595	LF	11-1/2" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	45.90	5.91
		For Stucco Embossed, Add	*0.22*	
		For Corrugated, Add	*0.56*	
22 07 19 00-0596	LF	12" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	47.28	6.02
		For Stucco Embossed, Add	*0.23*	
		For Corrugated, Add	*0.58*	
22 07 19 00-0597	LF	12-1/2" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	48.94	6.20
		For Stucco Embossed, Add	*0.24*	
		For Corrugated, Add	*0.60*	
22 07 19 00-0598	LF	13" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	50.11	6.26
		For Stucco Embossed, Add	*0.25*	
		For Corrugated, Add	*0.63*	
22 07 19 00-0599	LF	14" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	52.28	6.33
		For Stucco Embossed, Add	*0.27*	
		For Corrugated, Add	*0.67*	
22 07 19 00-0600	LF	15" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	54.67	6.46
		For Stucco Embossed, Add	*0.29*	
		For Corrugated, Add	*0.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0601	LF	16" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	56.86	6.52
		For Stucco Embossed, Add	*0.31*	
		For Corrugated, Add	*0.77*	
22 07 19 00-0602	LF	17" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	59.26	6.67
		For Stucco Embossed, Add	*0.33*	
		For Corrugated, Add	*0.81*	
22 07 19 00-0603	LF	18" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	60.83	6.75
		For Stucco Embossed, Add	*0.34*	
		For Corrugated, Add	*0.85*	
22 07 19 00-0604	LF	19" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	63.93	6.89
		For Stucco Embossed, Add	*0.36*	
		For Corrugated, Add	*0.91*	
22 07 19 00-0605	LF	20" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	66.16	6.97
		For Stucco Embossed, Add	*0.38*	
		For Corrugated, Add	*0.96*	
22 07 19 00-0606	LF	21" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	68.64	7.13
		For Stucco Embossed, Add	*0.40*	
		For Corrugated, Add	*1.00*	
22 07 19 00-0607	LF	22" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	70.84	7.21
		For Stucco Embossed, Add	*0.42*	
		For Corrugated, Add	*1.05*	
22 07 19 00-0608	LF	23" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	73.43	7.38
		For Stucco Embossed, Add	*0.44*	
		For Corrugated, Add	*1.10*	
22 07 19 00-0609	LF	24" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	75.65	7.47
		For Stucco Embossed, Add	*0.46*	
		For Corrugated, Add	*1.14*	

22 07 19 00-0610 40 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0399)*

22 07 19 00-0611	LF	1/2" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	14.94	3.24
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0612	LF	3/4" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	15.82	3.32
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0613	LF	1" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	16.72	3.39
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0614	LF	1-1/4" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	17.63	3.48
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0615	LF	1-1/2" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	18.42	3.53
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0616	LF	1-3/4" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	19.22	3.58
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0617	LF	2" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	20.10	3.65
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0618	LF	2-1/4" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	20.98	3.74
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0619	LF	2-1/2" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	21.96	3.82
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0620	LF	2-3/4" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	22.80	3.88
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0621	LF	3" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	23.79	3.97
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0622	LF	3-1/4" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	24.74	4.06
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.21*	
22 07 19 00-0623	LF	3-1/2" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	25.69	4.15
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.23*	
22 07 19 00-0624	LF	3-3/4" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	26.56	4.22
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.24*	
22 07 19 00-0625	LF	4" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	27.56	4.32
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.26*	
22 07 19 00-0626	LF	4-1/4" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	28.57	4.43
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.27*	
22 07 19 00-0627	LF	4-1/2" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	29.67	4.54
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.29*	
22 07 19 00-0628	LF	4-3/4" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	30.62	4.63
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0629	LF	5" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	31.69	4.75
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.32*	
22 07 19 00-0630	LF	5-1/4" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	32.80	4.88
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.33*	
22 07 19 00-0631	LF	5-1/2" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	33.79	4.99
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.35*	
22 07 19 00-0632	LF	5-3/4" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	35.01	5.13
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.36*	
22 07 19 00-0633	LF	6" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	36.21	5.29
		For Stucco Embossed, Add	*0.15*	
		For Corrugated, Add	*0.38*	
22 07 19 00-0634	LF	6-1/4" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	37.11	5.37
		For Stucco Embossed, Add	*0.16*	
		For Corrugated, Add	*0.39*	
22 07 19 00-0635	LF	6-1/2" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	38.02	5.45
		For Stucco Embossed, Add	*0.16*	
		For Corrugated, Add	*0.41*	
22 07 19 00-0636	LF	7" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	39.62	5.58
		For Stucco Embossed, Add	*0.17*	
		For Corrugated, Add	*0.43*	
22 07 19 00-0637	LF	7-1/4" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	40.74	5.71
		For Stucco Embossed, Add	*0.18*	
		For Corrugated, Add	*0.45*	
22 07 19 00-0638	LF	7-1/2" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	41.69	5.80
		For Stucco Embossed, Add	*0.18*	
		For Corrugated, Add	*0.46*	
22 07 19 00-0639	LF	8" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	43.25	5.90
		For Stucco Embossed, Add	*0.20*	
		For Corrugated, Add	*0.49*	
22 07 19 00-0640	LF	8-1/2" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	44.80	5.99
		For Stucco Embossed, Add	*0.21*	
		For Corrugated, Add	*0.52*	
22 07 19 00-0641	LF	9" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	46.59	6.15
		For Stucco Embossed, Add	*0.22*	
		For Corrugated, Add	*0.55*	
22 07 19 00-0642	LF	9-1/2" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	48.25	6.26
		For Stucco Embossed, Add	*0.23*	
		For Corrugated, Add	*0.58*	
22 07 19 00-0643	LF	10" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	49.86	6.37
		For Stucco Embossed, Add	*0.24*	
		For Corrugated, Add	*0.61*	
22 07 19 00-0644	LF	10-1/2" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	51.50	6.48
		For Stucco Embossed, Add	*0.26*	
		For Corrugated, Add	*0.64*	
22 07 19 00-0645	LF	11" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	53.38	6.67
		For Stucco Embossed, Add	*0.27*	
		For Corrugated, Add	*0.67*	
22 07 19 00-0646	LF	11-1/2" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	55.13	6.80
		For Stucco Embossed, Add	*0.28*	
		For Corrugated, Add	*0.70*	
22 07 19 00-0647	LF	12" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	56.82	6.93
		For Stucco Embossed, Add	*0.29*	
		For Corrugated, Add	*0.73*	
22 07 19 00-0648	LF	12-1/2" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	58.82	7.14
		For Stucco Embossed, Add	*0.30*	
		For Corrugated, Add	*0.76*	
22 07 19 00-0649	LF	13" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	60.27	7.21
		For Stucco Embossed, Add	*0.31*	
		For Corrugated, Add	*0.79*	
22 07 19 00-0650	LF	14" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	62.96	7.28
		For Stucco Embossed, Add	*0.34*	
		For Corrugated, Add	*0.85*	
22 07 19 00-0651	LF	15" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	65.90	7.43
		For Stucco Embossed, Add	*0.36*	
		For Corrugated, Add	*0.90*	
22 07 19 00-0652	LF	16" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	68.61	7.51
		For Stucco Embossed, Add	*0.39*	
		For Corrugated, Add	*0.96*	
22 07 19 00-0653	LF	17" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	71.59	7.67
		For Stucco Embossed, Add	*0.41*	
		For Corrugated, Add	*1.02*	
22 07 19 00-0654	LF	18" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	73.52	7.75
		For Stucco Embossed, Add	*0.43*	
		For Corrugated, Add	*1.06*	
22 07 19 00-0655	LF	19" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	77.35	7.92
		For Stucco Embossed, Add	*0.46*	
		For Corrugated, Add	*1.14*	
22 07 19 00-0656	LF	20" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	80.11	8.01
		For Stucco Embossed, Add	*0.48*	
		For Corrugated, Add	*1.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0657	LF	21" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	83.16	8.21
		For Stucco Embossed, Add	*0.50*	
		For Corrugated, Add	*1.26*	
22 07 19 00-0658	LF	22" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	85.88	8.30
		For Stucco Embossed, Add	*0.53*	
		For Corrugated, Add	*1.32*	
22 07 19 00-0659	LF	23" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	89.08	8.50
		For Stucco Embossed, Add	*0.55*	
		For Corrugated, Add	*1.38*	
22 07 19 00-0660	LF	24" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	91.80	8.60
		For Stucco Embossed, Add	*0.57*	
		For Corrugated, Add	*1.44*	

22 07 19 00-0661 Aluminum Insulation Protective Jacketing For Fittings *(22 07 19 00-0399)*

22 07 19 00-0662	EA	1-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	24.86	3.33
22 07 19 00-0663	EA	1-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	25.35	3.45
22 07 19 00-0664	EA	2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	28.88	3.58
22 07 19 00-0665	EA	2-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	29.10	3.64
22 07 19 00-0666	EA	2-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	29.33	3.71
22 07 19 00-0667	EA	2-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	29.69	3.80
22 07 19 00-0668	EA	3" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	31.30	3.89
22 07 19 00-0669	EA	3-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	31.69	3.99
22 07 19 00-0670	EA	3-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	34.84	4.06
22 07 19 00-0671	EA	3-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	35.60	4.13
22 07 19 00-0672	EA	4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	36.95	4.24
22 07 19 00-0673	EA	4-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	37.82	4.32
22 07 19 00-0674	EA	4-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	38.15	4.40
22 07 19 00-0675	EA	4-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	38.48	4.48
22 07 19 00-0676	EA	5" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	41.45	4.57
22 07 19 00-0677	EA	5-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	45.38	4.66
22 07 19 00-0678	EA	5-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	52.52	4.81
22 07 19 00-0679	EA	5-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	52.92	4.91
22 07 19 00-0680	EA	6" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	48.68	5.06
22 07 19 00-0681	EA	6-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	49.13	5.19
22 07 19 00-0682	EA	6-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	55.65	5.36
22 07 19 00-0683	EA	7" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	63.46	5.49
22 07 19 00-0684	EA	7-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	63.72	5.55
22 07 19 00-0685	EA	7-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	83.51	5.62
22 07 19 00-0686	EA	8" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	68.26	5.69
22 07 19 00-0687	EA	8-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	107.42	5.83
22 07 19 00-0688	EA	9" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	108.01	5.98
22 07 19 00-0689	EA	9-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	86.08	6.06
22 07 19 00-0690	EA	10" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	86.41	6.13
22 07 19 00-0691	EA	10-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	88.07	6.22
22 07 19 00-0692	EA	11" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	88.41	6.30
22 07 19 00-0693	EA	11-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	97.75	6.47
22 07 19 00-0694	EA	12" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	98.11	6.56
22 07 19 00-0695	EA	12-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	154.91	6.76
22 07 19 00-0696	EA	13" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	155.31	6.86
22 07 19 00-0697	EA	14" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	199.75	7.07
22 07 19 00-0698	EA	15" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	208.43	7.29
22 07 19 00-0699	EA	16" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	225.18	7.40
22 07 19 00-0700	EA	2-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	26.80	3.71
22 07 19 00-0701	EA	2-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	27.16	3.80
22 07 19 00-0702	EA	3" ID, Aluminum 45 Degree Elbow Insulation Jacketing	29.11	3.89
22 07 19 00-0703	EA	3-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	29.50	3.99
22 07 19 00-0704	EA	3-1/2" ID Aluminum 45 Degree Elbow Insulation Jacketing	31.69	4.06
22 07 19 00-0705	EA	3-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	31.97	4.13
22 07 19 00-0706	EA	4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	32.68	4.24
22 07 19 00-0707	EA	4-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	35.21	4.32
22 07 19 00-0708	EA	4-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	35.54	4.40
22 07 19 00-0709	EA	4-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	35.87	4.48
22 07 19 00-0710	EA	5" ID, Aluminum 45 Degree Elbow Insulation Jacketing	39.35	4.57
22 07 19 00-0711	EA	5-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	39.73	4.66
22 07 19 00-0712	EA	5-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	41.32	4.81
22 07 19 00-0713	EA	6" ID, Aluminum 45 Degree Elbow Insulation Jacketing	42.37	5.06
22 07 19 00-0714	EA	6-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	51.96	5.36
22 07 19 00-0715	EA	7" ID, Aluminum 45 Degree Elbow Insulation Jacketing	52.46	5.49
22 07 19 00-0716	EA	7-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	53.26	5.62
22 07 19 00-0717	EA	8" ID, Aluminum 45 Degree Elbow Insulation Jacketing	53.53	5.69
22 07 19 00-0718	EA	8-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	61.62	5.83
22 07 19 00-0719	EA	9" ID, Aluminum 45 Degree Elbow Insulation Jacketing	62.21	5.98
22 07 19 00-0720	EA	9-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	77.38	6.06
22 07 19 00-0721	EA	10" ID, Aluminum 45 Degree Elbow Insulation Jacketing	77.71	6.13
22 07 19 00-0722	EA	10-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	74.59	6.22
22 07 19 00-0723	EA	11" ID, Aluminum 45 Degree Elbow Insulation Jacketing	74.93	6.30
22 07 19 00-0724	EA	11-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	85.64	6.47
22 07 19 00-0725	EA	12" ID, Aluminum 45 Degree Elbow Insulation Jacketing	86.00	6.56
22 07 19 00-0726	EA	13" ID, Aluminum 45 Degree Elbow Insulation Jacketing	97.54	6.86
22 07 19 00-0727	EA	14" ID, Aluminum 45 Degree Elbow Insulation Jacketing	114.29	7.07
22 07 19 00-0728	EA	15" ID, Aluminum 45 Degree Elbow Insulation Jacketing	161.69	7.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0729	EA	16" ID, Aluminum 45 Degree Elbow Insulation Jacketing	173.30	7.40
22 07 19 00-0730	EA	17" ID, Aluminum 45 Degree Elbow Insulation Jacketing	170.38	7.52
22 07 19 00-0731	EA	18" ID, Aluminum 45 Degree Elbow Insulation Jacketing	190.61	7.64
22 07 19 00-0732	EA	19" ID, Aluminum 45 Degree Elbow Insulation Jacketing	226.57	7.77
22 07 19 00-0733	EA	20" ID, Aluminum 45 Degree Elbow Insulation Jacketing	220.67	7.90
22 07 19 00-0734	EA	21" ID, Aluminum 45 Degree Elbow Insulation Jacketing	236.26	8.04
22 07 19 00-0735	EA	2-1/2" ID, Aluminum Tee Insulation Jacketing	103.58	5.30
22 07 19 00-0736	EA	2-3/4" ID, Aluminum Tee Insulation Jacketing	104.08	5.43
22 07 19 00-0737	EA	3" ID, Aluminum Tee Insulation Jacketing	115.29	5.55
22 07 19 00-0738	EA	3-1/4" ID, Aluminum Tee Insulation Jacketing	115.82	5.69
22 07 19 00-0739	EA	3-1/2" ID Aluminum Tee Insulation Jacketing	120.86	5.83
22 07 19 00-0740	EA	4" ID, Aluminum Tee Insulation Jacketing	122.51	5.98
22 07 19 00-0741	EA	4-1/4" ID, Aluminum Tee Insulation Jacketing	128.83	6.13
22 07 19 00-0742	EA	4-1/2" ID, Aluminum Tee Insulation Jacketing	128.64	6.30
22 07 19 00-0743	EA	4-3/4" ID, Aluminum Tee Insulation Jacketing	129.34	6.47
22 07 19 00-0744	EA	5" ID, Aluminum Tee Insulation Jacketing	133.94	6.67
22 07 19 00-0745	EA	5-1/4" ID, Aluminum Tee Insulation Jacketing	134.72	6.86
22 07 19 00-0746	EA	5-1/2" ID, Aluminum Tee Insulation Jacketing	140.30	7.07
22 07 19 00-0747	EA	6" ID, Aluminum Tee Insulation Jacketing	141.19	7.29
22 07 19 00-0748	EA	6-1/2" ID, Aluminum Tee Insulation Jacketing	154.16	7.77
22 07 19 00-0749	EA	7" ID, Aluminum Tee Insulation Jacketing	155.23	8.04
22 07 19 00-0750	EA	7-1/2" ID, Aluminum Tee Insulation Jacketing	170.17	8.33
22 07 19 00-0751	EA	8" ID, Aluminum Tee Insulation Jacketing	171.40	8.64
22 07 19 00-0752	EA	8-1/2" ID, Aluminum Tee Insulation Jacketing	176.34	8.97
22 07 19 00-0753	EA	9" ID, Aluminum Tee Insulation Jacketing	177.77	9.32
22 07 19 00-0754	EA	9-1/2" ID, Aluminum Tee Insulation Jacketing	142.32	9.51
22 07 19 00-0755	EA	10" ID, Aluminum Tee Insulation Jacketing	143.11	9.72
22 07 19 00-0756	EA	10-1/2" ID, Aluminum Tee Insulation Jacketing	150.74	9.92
22 07 19 00-0757	EA	11" ID, Aluminum Tee Insulation Jacketing	151.61	10.14
22 07 19 00-0758	EA	11-1/2" ID, Aluminum Tee Insulation Jacketing	158.55	10.36
22 07 19 00-0759	EA	12" ID, Aluminum Tee Insulation Jacketing	159.50	10.60
22 07 19 00-0760	EA	13" ID, Aluminum Tee Insulation Jacketing	166.30	10.84
22 07 19 00-0761	EA	14" ID, Aluminum Tee Insulation Jacketing	173.37	11.11
22 07 19 00-0762	EA	15" ID, Aluminum Tee Insulation Jacketing	184.98	11.38
22 07 19 00-0763	EA	16" ID, Aluminum Tee Insulation Jacketing	189.61	11.66
22 07 19 00-0764	EA	17" ID, Aluminum Tee Insulation Jacketing	212.20	11.96
22 07 19 00-0765	EA	18" ID, Aluminum Tee Insulation Jacketing	219.86	12.27
22 07 19 00-0766	EA	19" ID, Aluminum Tee Insulation Jacketing	239.27	12.61
22 07 19 00-0767	EA	20" ID, Aluminum Tee Insulation Jacketing	244.79	12.96
22 07 19 00-0768	EA	22" ID, Aluminum Tee Insulation Jacketing	298.78	13.32
22 07 19 00-0769	EA	23" ID, Aluminum Tee Insulation Jacketing	307.18	13.71
22 07 19 00-0770	EA	24" ID, Aluminum Tee Insulation Jacketing	319.05	15.04
22 07 19 00-0771		Stainless Steel Insulation Protective Jacketing With Bands *(22 07 19 00-0398)*		
22 07 19 00-0772		Type 304 Stainless Steel Roll, Insulation Protective Jacketing With Bands *(22 07 19 00-0771)*		
22 07 19 00-0773	SF	0.010" Stainless Steel Insulation Jacket With Bands	22.27	8.74
22 07 19 00-0774	SF	0.016" Stainless Steel Insulation Jacket With Bands	27.43	10.49
22 07 19 00-0775		10 Mil, Type 304 Stainless Steel, Insulation Protective Jacketing With Moisture Barrier And Bands *(22 07 19 00-0771)*		
22 07 19 00-0776	LF	2-1/2" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	11.63	1.86
22 07 19 00-0777	LF	2-3/4" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	12.15	1.90
22 07 19 00-0778	LF	3" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	12.67	1.94
22 07 19 00-0779	LF	3-1/4" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	13.22	1.98
22 07 19 00-0780	LF	3-1/2" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	13.77	2.02
22 07 19 00-0781	LF	3-3/4" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	14.31	2.07
22 07 19 00-0782	LF	4" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	14.87	2.12
22 07 19 00-0783	LF	4-1/4" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	15.44	2.16
22 07 19 00-0784	LF	4-1/2" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	16.01	2.23
22 07 19 00-0785	LF	5" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	17.20	2.34
22 07 19 00-0786	LF	5-1/2" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	18.43	2.46
22 07 19 00-0787	LF	6" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	19.71	2.59
22 07 19 00-0788	LF	6-1/2" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	20.75	2.67
22 07 19 00-0789	LF	7" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	21.81	2.74
22 07 19 00-0790	LF	7-1/2" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	22.95	2.84
22 07 19 00-0791	LF	8" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	23.90	2.90
22 07 19 00-0792	LF	8-1/2" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	24.86	2.95
22 07 19 00-0793	LF	9" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	25.83	3.01
22 07 19 00-0794	LF	9-1/2" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	26.80	3.07
22 07 19 00-0795	LF	10" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	27.79	3.13
22 07 19 00-0796	LF	10-1/2" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	28.80	3.19
22 07 19 00-0797	LF	11" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	29.81	3.26
22 07 19 00-0798	LF	12" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	31.84	3.40
22 07 19 00-0799	LF	13" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	33.86	3.53
22 07 19 00-0800	LF	14" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	35.54	3.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0801		16 Mil, Type 304 Stainless Steel, Insulation Protective Jacketing With Moisture Barrier And Bands *(22 07 19 00-0771)*		
22 07 19 00-0802	LF	2-1/2" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	15.97	2.48
22 07 19 00-0803	LF	2-3/4" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	16.71	2.53
22 07 19 00-0804	LF	3" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	17.45	2.59
22 07 19 00-0805	LF	3-1/4" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	18.22	2.64
22 07 19 00-0806	LF	3-1/2" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	18.98	2.70
22 07 19 00-0807	LF	3-3/4" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	19.75	2.76
22 07 19 00-0808	LF	4" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	20.55	2.82
22 07 19 00-0809	LF	4-1/4" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	21.34	2.89
22 07 19 00-0810	LF	4-1/2" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	22.14	2.95
22 07 19 00-0811	LF	5" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	23.82	3.10
22 07 19 00-0812	LF	5-1/2" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	25.55	3.26
22 07 19 00-0813	LF	6" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	27.34	3.44
22 07 19 00-0814	LF	6-1/2" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	28.80	3.54
22 07 19 00-0815	LF	7" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	30.30	3.64
22 07 19 00-0816	LF	7-1/2" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	31.90	3.79
22 07 19 00-0817	LF	8" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	33.25	3.86
22 07 19 00-0818	LF	8-1/2" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	34.63	3.93
22 07 19 00-0819	LF	9" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	36.01	4.00
22 07 19 00-0820	LF	9-1/2" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	37.39	4.08
22 07 19 00-0821	LF	10" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	38.79	4.16
22 07 19 00-0822	LF	10-1/2" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	40.23	4.25
22 07 19 00-0823	LF	11" ID, 0.0106 Thick (16 Mil), Stainless Steel Insulation Jacketing	41.65	4.34
22 07 19 00-0824	LF	12" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	44.54	4.53
22 07 19 00-0825	LF	13" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	47.39	4.70
22 07 19 00-0826	LF	14" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	49.80	4.77
22 07 19 00-0827		Type 316 Stainless Steel Insulation Protective Jacketing For Fittings *(22 07 19 00-0771)*		
22 07 19 00-0828	EA	2-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	33.20	3.71
22 07 19 00-0829	EA	2-3/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	33.56	3.80
22 07 19 00-0830	EA	3" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	34.79	3.89
22 07 19 00-0831	EA	3-1/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	35.18	3.99
22 07 19 00-0832	EA	3-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	36.44	4.06
22 07 19 00-0833	EA	3-3/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	37.86	4.13
22 07 19 00-0834	EA	4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	40.44	4.24
22 07 19 00-0835	EA	4-1/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	48.48	4.32
22 07 19 00-0836	EA	4-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	48.81	4.40
22 07 19 00-0837	EA	5" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	50.22	4.57
22 07 19 00-0838	EA	5-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	66.83	4.81
22 07 19 00-0839	EA	6" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	72.54	5.06
22 07 19 00-0840	EA	6-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	93.38	5.36
22 07 19 00-0841	EA	7" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	93.88	5.49
22 07 19 00-0842	EA	7-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	106.46	5.62
22 07 19 00-0843	EA	8" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	107.31	5.83
22 07 19 00-0844	EA	8-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	110.16	5.83
22 07 19 00-0845	EA	9" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	156.00	5.98
22 07 19 00-0846	EA	9-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	154.01	6.06
22 07 19 00-0847	EA	10" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	154.34	6.13
22 07 19 00-0848	EA	10-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	180.16	6.22
22 07 19 00-0849	EA	11" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	173.45	6.30
22 07 19 00-0850	EA	12" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	194.57	6.56
22 07 19 00-0851	EA	13" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	260.60	6.86
22 07 19 00-0852	EA	14" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	263.00	7.07
22 07 19 00-0853	EA	2-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	30.14	3.71
22 07 19 00-0854	EA	2-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	30.50	3.80
22 07 19 00-0855	EA	3" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	32.06	3.89
22 07 19 00-0856	EA	3-1/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	32.45	3.99
22 07 19 00-0857	EA	3-1/2" ID Stainless Steel 45 Degree Elbow Insulation Jacketing	32.93	4.06
22 07 19 00-0858	EA	3-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	33.21	4.13
22 07 19 00-0859	EA	4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	38.44	4.24
22 07 19 00-0860	EA	4-1/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	47.42	4.32
22 07 19 00-0861	EA	4-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	47.75	4.40
22 07 19 00-0862	EA	4-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	48.08	4.48
22 07 19 00-0863	EA	5" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	48.95	4.57
22 07 19 00-0864	EA	5-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	49.90	4.81
22 07 19 00-0865	EA	6" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	56.66	5.06
22 07 19 00-0866	EA	6-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	57.83	5.36
22 07 19 00-0867	EA	7" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	83.51	5.49
22 07 19 00-0868	EA	7-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	85.30	5.62
22 07 19 00-0869	EA	8" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	85.57	5.69
22 07 19 00-0870	EA	8-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	96.84	5.83
22 07 19 00-0871	EA	9" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	97.43	5.98
22 07 19 00-0872	EA	9-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	110.53	6.06
22 07 19 00-0873	EA	10" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	110.86	6.13
22 07 19 00-0874	EA	10-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	128.60	6.22
22 07 19 00-0875	EA	11" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	128.94	6.30
22 07 19 00-0876	EA	12" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	138.92	6.56
22 07 19 00-0877	EA	13" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	159.99	6.86

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0878		Polyvinyl Chloride (PVC) Insulation Protective Jacketing *(22 07 19 00-0398)*		
22 07 19 00-0879		20 Mil Polyvinyl Chloride (PVC) Insulation Protective Jacketing *(22 07 19 00-0878)*		
22 07 19 00-0880	LF	1-1/2" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	8.12	1.73
22 07 19 00-0881	LF	2" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	8.79	1.79
22 07 19 00-0882	LF	2-1/2" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	9.38	1.86
22 07 19 00-0883	LF	3" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	10.09	1.94
22 07 19 00-0884	LF	3-1/2" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	10.74	2.02
22 07 19 00-0885	LF	4" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	11.45	2.12
22 07 19 00-0886	LF	4-1/2" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	12.21	2.23
22 07 19 00-0887	LF	5" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	12.95	2.34
22 07 19 00-0888	LF	5-1/2" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	13.80	2.46
22 07 19 00-0889	LF	6" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	14.69	2.59
22 07 19 00-0890	LF	6-1/2" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	15.35	2.67
22 07 19 00-0891	LF	7" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	15.96	2.74
22 07 19 00-0892	LF	7-1/2" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	16.77	2.84
22 07 19 00-0893	LF	8" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	17.28	2.90
22 07 19 00-0894	LF	8-1/2" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	17.86	2.95
22 07 19 00-0895	LF	9" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	18.43	3.01
22 07 19 00-0896	LF	9-1/2" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	19.02	3.07
22 07 19 00-0897	LF	10" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	19.58	3.13
22 07 19 00-0898	LF	10-1/2" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	20.19	3.19
22 07 19 00-0899	LF	11" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	20.81	3.26
22 07 19 00-0900	LF	11-1/2" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	21.43	3.33
22 07 19 00-0901	LF	12" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	22.03	3.40
22 07 19 00-0902	LF	12-1/2" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	22.74	3.48
22 07 19 00-0903	LF	13" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	23.26	3.53
22 07 19 00-0904	LF	13-1/2" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	23.61	3.53
22 07 19 00-0905	LF	14" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	24.18	3.58
22 07 19 00-0906	LF	15" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	25.10	3.64
22 07 19 00-0907	LF	16" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	25.99	3.71
22 07 19 00-0908	LF	17" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	26.93	3.77
22 07 19 00-0909	LF	18" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	27.89	3.83
22 07 19 00-0910	LF	19" ID, 0.02" Thick (20 Mil), Chloride (PVC) Insulation Jacketing	28.80	3.89
22 07 19 00-0911	LF	20" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	29.77	3.96
22 07 19 00-0912	LF	21" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	30.69	4.02
22 07 19 00-0913	LF	22" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	31.68	4.09
22 07 19 00-0914	LF	23" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	32.63	4.17
22 07 19 00-0915	LF	24" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	33.64	4.24
22 07 19 00-0916	LF	25" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	34.66	4.32
22 07 19 00-0917	LF	26" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	35.64	4.40
22 07 19 00-0918	LF	27" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	36.68	4.48
22 07 19 00-0919	LF	28" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	37.68	4.57
22 07 19 00-0920	LF	29" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	38.77	4.66
22 07 19 00-0921	LF	30" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	39.85	4.76
22 07 19 00-0922		30 Mil Polyvinyl Chloride (PVC) Insulation Protective Jacketing *(22 07 19 00-0878)*		
22 07 19 00-0923	LF	2" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	9.55	1.79
22 07 19 00-0924	LF	2-1/2" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	10.33	1.86
22 07 19 00-0925	LF	3" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	11.20	1.94
22 07 19 00-0926	LF	3-1/2" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	12.00	2.02
22 07 19 00-0927	LF	4" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	12.86	2.12
22 07 19 00-0928	LF	4-1/2" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	13.77	2.23
22 07 19 00-0929	LF	5" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	14.71	2.34
22 07 19 00-0930	LF	5-1/2" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	15.72	2.46
22 07 19 00-0931	LF	6" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	16.76	2.59
22 07 19 00-0932	LF	6-1/2" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	17.56	2.67
22 07 19 00-0933	LF	7" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	18.38	2.74
22 07 19 00-0934	LF	7-1/2" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	19.34	2.84
22 07 19 00-0935	LF	8" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	20.06	2.90
22 07 19 00-0936	LF	8-1/2" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	20.78	2.95
22 07 19 00-0937	LF	9" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	21.50	3.01
22 07 19 00-0938	LF	9-1/2" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	22.25	3.07
22 07 19 00-0939	LF	10" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	23.00	3.13
22 07 19 00-0940	LF	10-1/2" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	23.77	3.19
22 07 19 00-0941	LF	11" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	24.54	3.26
22 07 19 00-0942	LF	11-1/2" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	25.31	3.33
22 07 19 00-0943	LF	12" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	26.11	3.40
22 07 19 00-0944	LF	12-1/2" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	26.97	3.48
22 07 19 00-0945	LF	13" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	27.70	3.53
22 07 19 00-0946	LF	13-1/2" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	28.20	3.53
22 07 19 00-0947	LF	14" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	28.91	3.58
22 07 19 00-0948	LF	15" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	30.14	3.64
22 07 19 00-0949	LF	16" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	31.38	3.71
22 07 19 00-0950	LF	17" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	32.63	3.77
22 07 19 00-0951	LF	18" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	33.94	3.83
22 07 19 00-0952	LF	19" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	35.20	3.89
22 07 19 00-0953	LF	20" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	36.47	3.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0954	LF	21" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	37.75	4.02
22 07 19 00-0955	LF	22" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	39.04	4.09
22 07 19 00-0956	LF	23" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	40.34	4.17
22 07 19 00-0957	LF	24" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	41.65	4.24
22 07 19 00-0958	LF	25" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	43.02	4.32
22 07 19 00-0959	LF	26" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	44.36	4.40
22 07 19 00-0960	LF	27" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	45.70	4.48
22 07 19 00-0961	LF	28" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	47.06	4.57
22 07 19 00-0962	LF	29" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	48.44	4.66
22 07 19 00-0963	LF	30" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	49.83	4.76
22 07 19 00-0964		Polyvinyl Chloride (PVC) Insulation Protective Jacketing For Fittings *(22 07 19 00-0878)*		
22 07 19 00-0965	EA	1-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	16.58	3.45
22 07 19 00-0966	EA	2" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	17.78	3.58
22 07 19 00-0967	EA	2-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	18.40	3.64
22 07 19 00-0968	EA	2-1/2"ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	19.03	3.71
22 07 19 00-0969	EA	2-3/4"ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	19.75	3.80
22 07 19 00-0970	EA	3" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	20.39	3.89
22 07 19 00-0971	EA	3-3/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	21.57	4.02
22 07 19 00-0972	EA	3-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	22.65	4.13
22 07 19 00-0973	EA	4-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	24.72	4.24
22 07 19 00-0974	EA	4-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	27.13	4.44
22 07 19 00-0975	EA	5-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	29.60	4.66
22 07 19 00-0976	EA	5-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	34.04	4.91
22 07 19 00-0977	EA	6-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	44.77	5.19
22 07 19 00-0978	EA	6-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	46.75	5.36
22 07 19 00-0979	EA	7-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	53.65	5.49
22 07 19 00-0980	EA	7-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	55.73	5.62
22 07 19 00-0981	EA	8-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	66.11	5.83
22 07 19 00-0982	EA	9-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	81.37	6.06
22 07 19 00-0983	EA	10-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	89.01	6.30
22 07 19 00-0984	EA	11-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	99.39	6.56
22 07 19 00-0985	EA	12-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	119.76	6.86
22 07 19 00-0986	EA	14-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	133.79	7.07
22 07 19 00-0987	EA	15-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	142.54	7.29
22 07 19 00-0988	EA	16-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	153.38	7.40
22 07 19 00-0989	EA	17-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	167.41	7.52
22 07 19 00-0990	EA	18-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	207.72	7.64
22 07 19 00-0991	EA	19-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	271.58	7.77
22 07 19 00-0992	EA	20-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	340.69	7.90
22 07 19 00-0993	EA	1-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	16.58	3.45
22 07 19 00-0994	EA	2" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	17.78	3.58
22 07 19 00-0995	EA	2-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	18.40	3.64
22 07 19 00-0996	EA	2-1/2"ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	19.03	3.71
22 07 19 00-0997	EA	2-3/4"ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	19.75	3.80
22 07 19 00-0998	EA	3" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	20.39	3.89
22 07 19 00-0999	EA	3-3/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	21.57	4.02
22 07 19 00-1000	EA	3-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	22.65	4.13
22 07 19 00-1001	EA	4-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	24.72	4.24
22 07 19 00-1002	EA	4-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	27.13	4.44
22 07 19 00-1003	EA	5-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	29.60	4.66
22 07 19 00-1004	EA	5-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	34.04	4.91
22 07 19 00-1005	EA	6-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	44.77	5.19
22 07 19 00-1006	EA	6-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	46.75	5.36
22 07 19 00-1007	EA	7-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	53.65	5.49
22 07 19 00-1008	EA	7-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	55.73	5.62
22 07 19 00-1009	EA	8-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	66.11	5.83
22 07 19 00-1010	EA	9-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	81.37	6.06
22 07 19 00-1011	EA	10-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	88.96	6.30
22 07 19 00-1012	EA	11-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	96.57	6.56
22 07 19 00-1013	EA	12-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	105.90	6.86
22 07 19 00-1014	EA	14-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	117.91	7.07
22 07 19 00-1015	EA	15-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	125.36	7.29
22 07 19 00-1016	EA	16-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	139.47	7.40
22 07 19 00-1017	EA	17-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	153.80	7.52
22 07 19 00-1018	EA	18-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	181.77	7.64
22 07 19 00-1019	EA	19-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	237.31	7.77
22 07 19 00-1020	EA	20-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	265.20	7.90
22 07 19 00-1021	EA	1-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	24.67	4.85
22 07 19 00-1022	EA	2" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	25.79	4.96
22 07 19 00-1023	EA	2-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	26.95	5.12
22 07 19 00-1024	EA	2-1/2"ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	28.25	5.30
22 07 19 00-1025	EA	2-3/4"ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	29.71	5.49
22 07 19 00-1026	EA	3" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	31.16	5.69
22 07 19 00-1027	EA	3-3/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	33.29	5.90
22 07 19 00-1028	EA	3-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	35.54	6.13
22 07 19 00-1029	EA	4-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	38.55	6.38
22 07 19 00-1030	EA	4-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	42.83	6.67
22 07 19 00-1031	EA	5-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	47.29	6.96
22 07 19 00-1032	EA	5-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	55.46	7.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-1033	EA	6-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	65.06	7.77
22 07 19 00-1034	EA	6-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	73.64	7.90
22 07 19 00-1035	EA	7-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	100.65	8.19
22 07 19 00-1036	EA	7-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	109.03	8.64
22 07 19 00-1037	EA	8-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	126.48	8.97
22 07 19 00-1038	EA	9-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	144.14	9.32
22 07 19 00-1039	EA	10-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	146.96	9.72
22 07 19 00-1040	EA	11-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	159.78	9.92
22 07 19 00-1041	EA	12-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	172.65	10.14
22 07 19 00-1042	EA	14-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	185.63	10.36
22 07 19 00-1043	EA	15-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	198.53	10.60
22 07 19 00-1044	EA	16-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	211.54	10.84
22 07 19 00-1045	EA	17-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	224.47	11.11
22 07 19 00-1046	EA	18-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	243.71	11.38
22 07 19 00-1047	EA	19-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	262.89	11.66
22 07 19 00-1048	EA	20-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	286.09	11.96
22 07 19 00-1049	EA	3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	35.24	3.33
22 07 19 00-1050	EA	1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	35.24	3.33
22 07 19 00-1051	EA	1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	41.58	3.45
22 07 19 00-1052	EA	1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	41.58	3.45
22 07 19 00-1053	EA	2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	58.14	3.58
22 07 19 00-1054	EA	2-1/2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	63.55	3.74
22 07 19 00-1055	EA	3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	70.03	3.89
22 07 19 00-1056	EA	3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	79.27	4.06
22 07 19 00-1057	EA	4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	87.21	4.24
22 07 19 00-1058	EA	5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	106.00	4.66
22 07 19 00-1059	EA	6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	149.74	5.19
22 07 19 00-1060	EA	8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	163.82	5.83
22 07 19 00-1061	EA	10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	204.63	6.22
22 07 19 00-1062	EA	12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	285.96	6.86
22 07 19 00-1063	EA	14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	287.68	7.18
22 07 19 00-1064	EA	16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	381.83	7.40
22 07 19 00-1065	EA	18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	514.99	7.64
22 07 19 00-1066	EA	3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	32.82	3.33
22 07 19 00-1067	EA	1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	32.82	3.33
22 07 19 00-1068	EA	1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	38.66	3.45
22 07 19 00-1069	EA	1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	38.66	3.45
22 07 19 00-1070	EA	2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	53.36	3.58
22 07 19 00-1071	EA	2-1/2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	58.21	3.74
22 07 19 00-1072	EA	3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	64.18	3.89
22 07 19 00-1073	EA	3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	67.52	4.06
22 07 19 00-1074	EA	4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	79.45	4.24
22 07 19 00-1075	EA	5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	96.37	4.66
22 07 19 00-1076	EA	6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	135.58	5.19
22 07 19 00-1077	EA	8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	148.30	5.83
22 07 19 00-1078	EA	10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	184.88	6.22
22 07 19 00-1079	EA	12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	257.69	6.86
22 07 19 00-1080	EA	14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	328.20	7.18
22 07 19 00-1081	EA	16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	392.46	7.40
22 07 19 00-1082	EA	18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	458.85	7.64
22 07 19 00-1083	EA	3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	48.63	5.01
22 07 19 00-1084	EA	1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	48.63	5.01
22 07 19 00-1085	EA	1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	56.81	5.19
22 07 19 00-1086	EA	1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	56.81	5.19
22 07 19 00-1087	EA	2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	78.35	5.36
22 07 19 00-1088	EA	2-1/2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	85.51	5.55
22 07 19 00-1089	EA	3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	94.13	5.83
22 07 19 00-1090	EA	3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	99.26	6.06
22 07 19 00-1091	EA	4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	117.17	6.38
22 07 19 00-1092	EA	5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	128.78	6.96
22 07 19 00-1093	EA	6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	180.41	7.77
22 07 19 00-1094	EA	8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	196.41	8.64
22 07 19 00-1095	EA	10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	271.04	9.32
22 07 19 00-1096	EA	12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	376.55	10.14
22 07 19 00-1097	EA	14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	449.21	10.84
22 07 19 00-1098	EA	16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	531.24	11.11
22 07 19 00-1099	EA	18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	581.81	11.38
22 07 19 00-1100		Insulation Foam Rubber *(22 07 19)*		
22 07 19 00-1101		Covering 4x6 Sheet *(22 07 19 00-1100)*		
22 07 19 00-1102	SF	1" Thick Foam Rubber Sheet Insulation	24.65	8.28

22 10 Plumbing Piping *(22)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

22 11 Facility Water Distribution *(22 10)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 11 16 Domestic Water Piping *(22 11)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks. See CSI section 23 21 13 00-0000 for black steel piping and fitting.

22 11 16 00-0001 Galvanized Steel Pipe Assemblies *(22 11 16)*

Note: (ASTM A-53) Threaded and coupled. Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Includes cutting and threading to length where necessary. Not for use where detail is available.

22 11 16 00-0002	LF	1/2" Diameter, Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	20.42	4.59
		For Work In Restricted Working Space, Add	*4.57*	
		For ASTM 120, Deduct	*-0.78*	
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*5.38*	
22 11 16 00-0003	LF	3/4" Diameter, Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	22.50	4.93
		For Work In Restricted Working Space, Add	*4.83*	
		For ASTM 120, Deduct	*-0.96*	
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*6.10*	
22 11 16 00-0004	LF	1" Diameter, Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	25.68	5.40
		For Work In Restricted Working Space, Add	*5.17*	
		For ASTM 120, Deduct	*-1.27*	
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*7.25*	
22 11 16 00-0005	LF	1-1/4" Diameter, Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	30.30	5.63
		For Work In Restricted Working Space, Add	*5.48*	
		For ASTM 120, Deduct	*-1.80*	
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*9.07*	
22 11 16 00-0006	LF	1-1/2" Diameter, Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	32.70	6.66
		For Work In Restricted Working Space, Add	*5.72*	
		For ASTM 120, Deduct	*-2.04*	
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*9.95*	
22 11 16 00-0007	LF	2" Diameter, Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	39.54	8.03
		For Work In Restricted Working Space, Add	*6.51*	
		For ASTM 120, Deduct	*-2.68*	
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*12.37*	
22 11 16 00-0008	LF	2-1/2" Diameter, Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	56.38	9.52
		For Work In Restricted Working Space, Add	*7.63*	
		For ASTM 120, Deduct	*-4.64*	
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*19.01*	
22 11 16 00-0009	LF	3" Diameter, Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	70.14	12.74
		For Work In Restricted Working Space, Add	*9.25*	
		For ASTM 120, Deduct	*-5.90*	
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*23.86*	
22 11 16 00-0010	LF	4" Diameter, Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	102.93	14.89
		For Work In Restricted Working Space, Add	*10.44*	
		For ASTM 120, Deduct	*-10.22*	
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*37.62*	
22 11 16 00-0011	LF	5" Diameter, Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	181.34	19.03
		For Work In Restricted Working Space, Add	*12.61*	
		For ASTM 120, Deduct	*-20.90*	
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*71.10*	
22 11 16 00-0012	LF	6" Diameter, Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	202.98	22.51
		For Work In Restricted Working Space, Add	*14.33*	
		For ASTM 120, Deduct	*-23.28*	
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*79.40*	

22 11 16 00-0013 Galvanized Steel Pipe And Threaded Fittings *(22 11 16)*

Note: (ASTM A-53) Threaded and coupled, schedule 40. Excludes hangers, elbow, tee, or reducer fittings.

22 11 16 00-0014 Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe *(22 11 16 00-0013)*

Note: ASTM A-53. Welded pipe has a weld bead on the inside. Includes coupling. Includes cutting and threading to length where necessary.

22 11 16 00-0015	LF	1/2" Diameter, Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	10.04	4.59
		For Work In Restricted Working Space, Add	*2.09*	
		For Schedule 80 Pipe, Add	*2.17*	
		For ASTM 120, Deduct	*-0.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0016	LF	3/4" Diameter, Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	11.48	4.93
		For Work In Restricted Working Space, Add	*2.22*	
		For Schedule 80 Pipe, Add	*2.70*	
		For ASTM 120, Deduct	*-0.61*	
22 11 16 00-0017	LF	1" Diameter, Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	14.07	5.40
		For Work In Restricted Working Space, Add	*2.41*	
		For Schedule 80 Pipe, Add	*3.71*	
		For ASTM 120, Deduct	*-0.91*	
22 11 16 00-0018	LF	1-1/4" Diameter, Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	16.69	5.63
		For Work In Restricted Working Space, Add	*2.55*	
		For Schedule 80 Pipe, Add	*4.78*	
		For ASTM 120, Deduct	*-1.23*	
22 11 16 00-0019	LF	1-1/2" Diameter, Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	19.77	6.66
		For Work In Restricted Working Space, Add	*2.99*	
		For Schedule 80 Pipe, Add	*5.70*	
		For ASTM 120, Deduct	*-1.47*	
22 11 16 00-0020	LF	2" Diameter, Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	25.23	8.03
		For Work In Restricted Working Space, Add	*3.62*	
		For Schedule 80 Pipe, Add	*7.52*	
		For ASTM 120, Deduct	*-1.97*	
22 11 16 00-0021	LF	2-1/2" Diameter, Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	35.21	9.52
		For Work In Restricted Working Space, Add	*4.31*	
		For Schedule 80 Pipe, Add	*11.45*	
		For ASTM 120, Deduct	*-3.13*	
22 11 16 00-0022	LF	3" Diameter, Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	46.44	12.74
		For Work In Restricted Working Space, Add	*5.74*	
		For Schedule 80 Pipe, Add	*15.02*	
		For ASTM 120, Deduct	*-4.10*	
22 11 16 00-0023	LF	4" Diameter, Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	61.28	14.89
		For Work In Restricted Working Space, Add	*6.72*	
		For Schedule 80 Pipe, Add	*20.90*	
		For ASTM 120, Deduct	*-5.83*	
22 11 16 00-0024	LF	5" Diameter, Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	80.64	19.03
		For Work In Restricted Working Space, Add	*8.55*	
		For Schedule 80 Pipe, Add	*27.88*	
		For ASTM 120, Deduct	*-7.82*	
22 11 16 00-0025	LF	6" Diameter, Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	101.35	22.51
		For Work In Restricted Working Space, Add	*10.11*	
		For Schedule 80 Pipe, Add	*35.84*	
		For ASTM 120, Deduct	*-10.15*	
22 11 16 00-0026	LF	8" Diameter, Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	113.80	27.21
		For Work In Restricted Working Space, Add	*12.22*	
		For Schedule 80 Pipe, Add	*39.15*	
		For ASTM 120, Deduct	*-10.96*	

22 11 16 00-0027 Seamless, Threaded And Coupled, Galvanized Steel Pipe *(22 11 16 00-0013)*

Note: ASTM A-53. Includes coupling. Includes cutting and threading to length where necessary.

22 11 16 00-0028	LF	1/2" Diameter, Schedule 40, Seamless, Threaded Galvanized Steel Pipe	13.86	4.59
		For Work In Restricted Working Space, Add	*2.09*	
		For Schedule 80 Pipe, Add	*4.01*	
		For ASTM 120, Deduct	*-1.04*	
22 11 16 00-0029	LF	3/4" Diameter, Schedule 40, Seamless, Threaded Galvanized Steel Pipe	15.67	4.93
		For Work In Restricted Working Space, Add	*2.22*	
		For Schedule 80 Pipe, Add	*4.71*	
		For ASTM 120, Deduct	*-1.24*	
22 11 16 00-0030	LF	1" Diameter, Schedule 40, Seamless, Threaded Galvanized Steel Pipe	17.64	5.40
		For Work In Restricted Working Space, Add	*2.41*	
		For Schedule 80 Pipe, Add	*5.42*	
		For ASTM 120, Deduct	*-1.44*	
22 11 16 00-0031	LF	1-1/4" Diameter, Schedule 40, Seamless, Threaded Galvanized Steel Pipe	20.59	5.63
		For Work In Restricted Working Space, Add	*2.55*	
		For Schedule 80 Pipe, Add	*6.65*	
		For ASTM 120, Deduct	*-1.81*	
22 11 16 00-0032	LF	1-1/2" Diameter, Schedule 40, Seamless, Threaded Galvanized Steel Pipe	23.79	6.66
		For Work In Restricted Working Space, Add	*2.99*	
		For Schedule 80 Pipe, Add	*7.63*	
		For ASTM 120, Deduct	*-2.07*	
22 11 16 00-0033	LF	2" Diameter, Schedule 40, Seamless, Threaded Galvanized Steel Pipe	27.80	8.03
		For Work In Restricted Working Space, Add	*3.62*	
		For Schedule 80 Pipe, Add	*8.75*	
		For ASTM 120, Deduct	*-2.36*	
22 11 16 00-0034	LF	2-1/2" Diameter, Schedule 40, Seamless, Threaded Galvanized Steel Pipe	40.67	9.52
		For Work In Restricted Working Space, Add	*4.31*	
		For Schedule 80 Pipe, Add	*14.07*	
		For ASTM 120, Deduct	*-3.95*	
22 11 16 00-0035	LF	3" Diameter, Schedule 40, Seamless, Threaded Galvanized Steel Pipe	51.31	12.74
		For Work In Restricted Working Space, Add	*5.74*	
		For Schedule 80 Pipe, Add	*17.36*	
		For ASTM 120, Deduct	*-4.83*	
22 11 16 00-0036	LF	4" Diameter, Schedule 40, Seamless, Threaded Galvanized Steel Pipe	68.40	14.89
		For Work In Restricted Working Space, Add	*6.72*	
		For Schedule 80 Pipe, Add	*24.32*	
		For ASTM 120, Deduct	*-6.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0037	LF	5" Diameter, Schedule 40, Seamless, Threaded Galvanized Steel Pipe	88.55	19.03
		For Work In Restricted Working Space, Add	*8.55*	
		For Schedule 80 Pipe, Add	*31.67*	
		For ASTM 120, Deduct	*-9.01*	
22 11 16 00-0038	LF	6" Diameter, Schedule 40, Seamless, Threaded Galvanized Steel Pipe	110.52	22.51
		For Work In Restricted Working Space, Add	*10.11*	
		For Schedule 80 Pipe, Add	*40.24*	
		For ASTM 120, Deduct	*-11.52*	

22 11 16 00-0039 Galvanized Malleable Iron 90 Degree Elbows *(22 11 16 00-0013)*

22 11 16 00-0040	EA	1/2" Diameter, 150 Lb., Galvanized Malleable Iron 90 Degree Elbow	34.46	20.43
		For 300 Lb. Rating, Add	*14.93*	
		For Work In Restricted Working Space, Add	*9.18*	
		For ASTM 120, Deduct	*-0.58*	
22 11 16 00-0041	EA	3/4" Diameter, 150 Lb., Galvanized Malleable Iron 90 Degree Elbow	38.98	22.84
		For 300 Lb. Rating, Add	*18.10*	
		For Work In Restricted Working Space, Add	*10.28*	
		For ASTM 120, Deduct	*-0.71*	
22 11 16 00-0042	EA	1" Diameter, 150 Lb., Galvanized Malleable Iron 90 Degree Elbow	47.01	25.48
		For 300 Lb. Rating, Add	*32.05*	
		For Work In Restricted Working Space, Add	*11.48*	
		For ASTM 120, Deduct	*-1.31*	
22 11 16 00-0043	EA	1-1/4" Diameter, 150 Lb., Galvanized Malleable Iron 90 Degree Elbow	57.14	28.93
		For 300 Lb. Rating, Add	*49.62*	
		For Work In Restricted Working Space, Add	*12.99*	
		For ASTM 120, Deduct	*-2.07*	
22 11 16 00-0044	EA	1-1/2" Diameter, 150 Lb., Galvanized Malleable Iron 90 Degree Elbow	66.89	32.59
		For 300 Lb. Rating, Add	*64.30*	
		For Work In Restricted Working Space, Add	*14.65*	
		For ASTM 120, Deduct	*-2.71*	
22 11 16 00-0045	EA	2" Diameter, 150 Lb., Galvanized Malleable Iron 90 Degree Elbow	91.60	41.43
		For 300 Lb. Rating, Add	*104.23*	
		For Work In Restricted Working Space, Add	*18.61*	
		For ASTM 120, Deduct	*-4.43*	
22 11 16 00-0046	EA	2-1/2" Diameter, 150 Lb., Galvanized Malleable Iron 90 Degree Elbow	169.16	61.29
		For 300 Lb. Rating, Add	*268.50*	
		For Work In Restricted Working Space, Add	*27.54*	
		For ASTM 120, Deduct	*-11.60*	
22 11 16 00-0047	EA	3" Diameter, 150 Lb., Galvanized Malleable Iron 90 Degree Elbow	248.34	80.57
		For 300 Lb. Rating, Add	*440.85*	
		For Work In Restricted Working Space, Add	*36.24*	
		For ASTM 120, Deduct	*-19.13*	
22 11 16 00-0048	EA	4" Diameter, 150 Lb., Galvanized Malleable Iron 90 Degree Elbow	355.57	87.12
		For 300 Lb. Rating, Add	*772.60*	
		For Work In Restricted Working Space, Add	*39.19*	
		For ASTM 120, Deduct	*-33.74*	
22 11 16 00-0049	EA	5" Diameter, 150 Lb., Galvanized Malleable Iron 90 Degree Elbow	1,107.68	90.93
		For 300 Lb. Rating, Add	*3,310.80*	
		For Work In Restricted Working Space, Add	*40.90*	
		For ASTM 120, Deduct	*-145.70*	
22 11 16 00-0050	EA	6" Diameter, 150 Lb., Galvanized Malleable Iron 90 Degree Elbow	1,038.01	95.07
		For 300 Lb. Rating, Add	*3,053.22*	
		For Work In Restricted Working Space, Add	*42.76*	
		For ASTM 120, Deduct	*-134.32*	
22 11 16 00-0051	EA	8" Diameter, 150 Lb., Galvanized Malleable Iron 90 Degree Elbow	1,229.29	99.34
		For 300 Lb. Rating, Add	*3,682.13*	
		For Work In Restricted Working Space, Add	*44.68*	
		For ASTM 120, Deduct	*-162.05*	

22 11 16 00-0052 Galvanized Malleable Iron Reducing 90 Degree Elbows *(22 11 16 00-0013)*

22 11 16 00-0053	EA	3/4" x 1/2" Diameter, 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	40.64	21.58
		For ASTM 120, Deduct	*-1.23*	
		For Work In Restricted Working Space, Add	*9.73*	
22 11 16 00-0054	EA	1" x 3/4" Diameter, 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	46.80	24.21
		For ASTM 120, Deduct	*-1.58*	
		For Work In Restricted Working Space, Add	*10.88*	
22 11 16 00-0055	EA	1" x 1/2" Diameter, 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	45.61	22.96
		For ASTM 120, Deduct	*-1.68*	
		For Work In Restricted Working Space, Add	*10.33*	
22 11 16 00-0056	EA	1-1/4" x 1" Diameter, 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	58.46	27.20
		For ASTM 120, Deduct	*-2.65*	
		For Work In Restricted Working Space, Add	*12.23*	
22 11 16 00-0057	EA	1-1/4" x 3/4" Diameter, 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	60.02	25.83
		For ASTM 120, Deduct	*-3.19*	
		For Work In Restricted Working Space, Add	*11.63*	
22 11 16 00-0058	EA	1-1/4" x 1/2" Diameter, 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	59.46	24.68
		For ASTM 120, Deduct	*-3.38*	
		For Work In Restricted Working Space, Add	*11.09*	
22 11 16 00-0059	EA	1-1/2" x 1-1/4" Diameter, 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	74.32	30.76
		For ASTM 120, Deduct	*-4.24*	
		For Work In Restricted Working Space, Add	*13.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0060	EA	1-1/2" x 1" Diameter, 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	71.80	29.04
		For ASTM 120, Deduct	*-4.24*	
		For Work In Restricted Working Space, Add	*13.07*	
22 11 16 00-0061	EA	1-1/2" x 3/4" Diameter, 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	69.79	27.66
		For ASTM 120, Deduct	*-4.24*	
		For Work In Restricted Working Space, Add	*12.46*	
22 11 16 00-0062	EA	2" x 1-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	88.45	36.96
		For ASTM 120, Deduct	*-4.95*	
		For Work In Restricted Working Space, Add	*16.63*	
22 11 16 00-0063	EA	2" x 1-1/4" Diameter, 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	90.51	35.12
		For ASTM 120, Deduct	*-5.68*	
		For Work In Restricted Working Space, Add	*15.80*	
22 11 16 00-0064	EA	2" x 1" Diameter, 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	89.40	33.40
		For ASTM 120, Deduct	*-5.89*	
		For Work In Restricted Working Space, Add	*15.04*	
22 11 16 00-0065	EA	2" x 3/4" Diameter, 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	77.94	32.14
		For ASTM 120, Deduct	*-4.47*	
		For Work In Restricted Working Space, Add	*14.45*	
22 11 16 00-0066	EA	2-1/2" x 2" Diameter, 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	188.81	51.30
		For ASTM 120, Deduct	*-16.78*	
		For Work In Restricted Working Space, Add	*23.08*	
22 11 16 00-0067	EA	2-1/2" x 1-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	194.98	46.94
		For ASTM 120, Deduct	*-18.70*	
		For Work In Restricted Working Space, Add	*21.10*	
22 11 16 00-0068	EA	3" x 2-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	309.66	70.93
		For ASTM 120, Deduct	*-30.50*	
		For Work In Restricted Working Space, Add	*31.89*	
22 11 16 00-0069	EA	3" x 2" Diameter, 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	268.05	60.94
		For ASTM 120, Deduct	*-26.49*	
		For Work In Restricted Working Space, Add	*27.43*	
22 11 16 00-0070	EA	4" x 3" Diameter, 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	584.41	82.86
		For ASTM 120, Deduct	*-69.02*	
		For Work In Restricted Working Space, Add	*37.28*	

22 11 16 00-0071 Galvanized Malleable Iron 45 Degree Elbow *(22 11 16 00-0013)*

22 11 16 00-0072	EA	1/2" Diameter, 150 Lb., Galvanized Malleable Iron 45 Degree Elbow	35.42	20.43
		For 300 Lb. Rating, Add	*18.19*	
		For Work In Restricted Working Space, Add	*9.18*	
		For ASTM 120, Deduct	*-0.72*	
22 11 16 00-0073	EA	3/4" Diameter, 150 Lb., Galvanized Malleable Iron 45 Degree Elbow	41.18	22.84
		For 300 Lb. Rating, Add	*25.58*	
		For Work In Restricted Working Space, Add	*10.28*	
		For ASTM 120, Deduct	*-1.04*	
22 11 16 00-0074	EA	1" Diameter, 150 Lb., Galvanized Malleable Iron 45 Degree Elbow	46.06	25.48
		For 300 Lb. Rating, Add	*28.82*	
		For Work In Restricted Working Space, Add	*11.48*	
		For ASTM 120, Deduct	*-1.17*	
22 11 16 00-0075	EA	1-1/4" Diameter, 150 Lb., Galvanized Malleable Iron 45 Degree Elbow	57.89	28.93
		For 300 Lb. Rating, Add	*52.17*	
		For Work In Restricted Working Space, Add	*12.99*	
		For ASTM 120, Deduct	*-2.19*	
22 11 16 00-0076	EA	1-1/2" Diameter, 150 Lb., Galvanized Malleable Iron 45 Degree Elbow	65.97	32.59
		For 300 Lb. Rating, Add	*61.17*	
		For Work In Restricted Working Space, Add	*14.65*	
		For ASTM 120, Deduct	*-2.57*	
22 11 16 00-0077	EA	2" Diameter, 150 Lb., Galvanized Malleable Iron 45 Degree Elbow	87.39	41.43
		For 300 Lb. Rating, Add	*89.91*	
		For Work In Restricted Working Space, Add	*18.61*	
		For ASTM 120, Deduct	*-3.80*	
22 11 16 00-0078	EA	2-1/2" Diameter, 150 Lb., Galvanized Malleable Iron 45 Degree Elbow	180.01	61.29
		For 300 Lb. Rating, Add	*305.39*	
		For Work In Restricted Working Space, Add	*27.54*	
		For ASTM 120, Deduct	*-13.23*	
22 11 16 00-0079	EA	3" Diameter, 150 Lb., Galvanized Malleable Iron 45 Degree Elbow	249.09	80.57
		For 300 Lb. Rating, Add	*443.40*	
		For Work In Restricted Working Space, Add	*36.24*	
		For ASTM 120, Deduct	*-19.24*	
22 11 16 00-0080	EA	4" Diameter, 150 Lb., Galvanized Malleable Iron 45 Degree Elbow	345.70	87.12
		For 300 Lb. Rating, Add	*739.04*	
		For Work In Restricted Working Space, Add	*39.19*	
		For ASTM 120, Deduct	*-32.26*	
22 11 16 00-0081	EA	5" Diameter, 150 Lb., Galvanized Malleable Iron 45 Degree Elbow	1,005.33	90.93
		For 300 Lb. Rating, Add	*2,962.81*	
		For Work In Restricted Working Space, Add	*40.90*	
		For ASTM 120, Deduct	*-130.35*	
22 11 16 00-0082	EA	6" Diameter, 150 Lb., Galvanized Malleable Iron 45 Degree Elbow	1,190.34	95.07
		For 300 Lb. Rating, Add	*3,571.14*	
		For Work In Restricted Working Space, Add	*42.76*	
		For ASTM 120, Deduct	*-157.17*	
22 11 16 00-0083	EA	8" Diameter, 150 Lb., Galvanized Malleable Iron 45 Degree Elbow	1,411.26	99.34
		For 300 Lb. Rating, Add	*4,300.82*	
		For Work In Restricted Working Space, Add	*44.68*	
		For ASTM 120, Deduct	*-189.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0084		**Galvanized Malleable Iron Tees** *(22 11 16 00-0013)*		
22 11 16 00-0085	EA	1/2" Diameter, 150 Lb., Galvanized Malleable Iron Tee	43.24	25.48
		For 300 Lb. Rating, Add	*19.23*	
		For Work In Restricted Working Space, Add	*11.48*	
		For ASTM 120, Deduct	*-0.75*	
22 11 16 00-0086	EA	3/4" Diameter, 150 Lb., Galvanized Malleable Iron Tee	52.36	29.50
		For 300 Lb. Rating, Add	*30.60*	
		For Work In Restricted Working Space, Add	*13.24*	
		For ASTM 120, Deduct	*-1.23*	
22 11 16 00-0087	EA	1" Diameter, 150 Lb., Galvanized Malleable Iron Tee	65.45	34.78
		For 300 Lb. Rating, Add	*48.32*	
		For Work In Restricted Working Space, Add	*15.65*	
		For ASTM 120, Deduct	*-1.99*	
22 11 16 00-0088	EA	1-1/4" Diameter, 150 Lb., Galvanized Malleable Iron Tee	83.13	41.43
		For 300 Lb. Rating, Add	*75.43*	
		For Work In Restricted Working Space, Add	*18.61*	
		For ASTM 120, Deduct	*-3.16*	
22 11 16 00-0089	EA	1-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Tee	100.25	49.36
		For 300 Lb. Rating, Add	*93.56*	
		For Work In Restricted Working Space, Add	*22.21*	
		For ASTM 120, Deduct	*-3.93*	
22 11 16 00-0090	EA	2" Diameter, 150 Lb., Galvanized Malleable Iron Tee	134.42	61.29
		For 300 Lb. Rating, Add	*150.38*	
		For Work In Restricted Working Space, Add	*27.54*	
		For ASTM 120, Deduct	*-6.39*	
22 11 16 00-0091	EA	2-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Tee	219.75	66.57
		For 300 Lb. Rating, Add	*413.82*	
		For Work In Restricted Working Space, Add	*29.94*	
		For ASTM 120, Deduct	*-17.99*	
22 11 16 00-0092	EA	3" Diameter, 150 Lb., Galvanized Malleable Iron Tee	261.48	80.57
		For 300 Lb. Rating, Add	*485.53*	
		For Work In Restricted Working Space, Add	*36.24*	
		For ASTM 120, Deduct	*-21.10*	
22 11 16 00-0093	EA	4" Diameter, 150 Lb., Galvanized Malleable Iron Tee	497.79	110.08
		For 300 Lb. Rating, Add	*1,141.32*	
		For Work In Restricted Working Space, Add	*49.51*	
		For ASTM 120, Deduct	*-49.92*	
22 11 16 00-0094	EA	5" Diameter, 150 Lb., Galvanized Malleable Iron Tee	1,241.99	130.68
		For 300 Lb. Rating, Add	*3,568.26*	
		For Work In Restricted Working Space, Add	*58.79*	
		For ASTM 120, Deduct	*-156.90*	
22 11 16 00-0095	EA	6" Diameter, 150 Lb., Galvanized Malleable Iron Tee	1,410.40	149.38
		For 300 Lb. Rating, Add	*4,047.33*	
		For Work In Restricted Working Space, Add	*67.19*	
		For ASTM 120, Deduct	*-177.97*	
22 11 16 00-0096	EA	8" Diameter, 150 Lb., Galvanized Malleable Iron Tee	1,678.47	177.38
		For 300 Lb. Rating, Add	*4,809.14*	
		For Work In Restricted Working Space, Add	*80.63*	
		For ASTM 120, Deduct	*-211.46*	
22 11 16 00-0097		**Galvanized Malleable Iron Reducing Tee** *(22 11 16 00-0013)*		
22 11 16 00-0098	EA	1/2" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Tee	49.84	25.48
		For 300 Lb. Rating, Add	*41.67*	
		For Work In Restricted Working Space, Add	*11.48*	
		For ASTM 120, Deduct	*-1.74*	
22 11 16 00-0099	EA	3/4" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Tee	55.56	29.50
		For 300 Lb. Rating, Add	*41.48*	
		For Work In Restricted Working Space, Add	*13.24*	
		For ASTM 120, Deduct	*-1.71*	
22 11 16 00-0100	EA	1" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Tee	68.21	34.78
		For 300 Lb. Rating, Add	*57.70*	
		For Work In Restricted Working Space, Add	*15.65*	
		For ASTM 120, Deduct	*-2.41*	
22 11 16 00-0101	EA	1-1/4" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Tee	86.93	41.43
		For 300 Lb. Rating, Add	*88.35*	
		For Work In Restricted Working Space, Add	*18.61*	
		For ASTM 120, Deduct	*-3.73*	
22 11 16 00-0102	EA	1-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Tee	104.78	49.36
		For 300 Lb. Rating, Add	*108.96*	
		For Work In Restricted Working Space, Add	*22.21*	
		For ASTM 120, Deduct	*-4.61*	
22 11 16 00-0103	EA	2" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Tee	136.70	61.29
		For 300 Lb. Rating, Add	*158.13*	
		For Work In Restricted Working Space, Add	*27.54*	
		For ASTM 120, Deduct	*-6.73*	
22 11 16 00-0104	EA	2-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Tee	258.65	66.79
		For 300 Lb. Rating, Add	*545.04*	
		For Work In Restricted Working Space, Add	*30.03*	
		For ASTM 120, Deduct	*-23.78*	
22 11 16 00-0105	EA	3" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Tee	328.34	81.84
		For 300 Lb. Rating, Add	*706.47*	
		For Work In Restricted Working Space, Add	*36.82*	
		For ASTM 120, Deduct	*-30.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0106	EA	4" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Tee	761.07	110.08
		For 300 Lb. Rating, Add	*2,036.47*	
		For Work In Restricted Working Space, Add	*49.51*	
		For ASTM 120, Deduct	*-89.41*	
22 11 16 00-0107	EA	5" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Tee	1,577.79	130.68
		For 300 Lb. Rating, Add	*4,709.98*	
		For Work In Restricted Working Space, Add	*58.79*	
		For ASTM 120, Deduct	*-207.27*	
22 11 16 00-0108	EA	6" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Tee	1,792.06	149.38
		For 300 Lb. Rating, Add	*5,344.98*	
		For Work In Restricted Working Space, Add	*67.19*	
		For ASTM 120, Deduct	*-235.22*	
22 11 16 00-0109	EA	8" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Tee	2,148.28	171.53
		For 300 Lb. Rating, Add	*6,443.94*	
		For Work In Restricted Working Space, Add	*77.27*	
		For ASTM 120, Deduct	*-283.61*	

22 11 16 00-0110 Galvanized Malleable Iron Couplings *(22 11 16 00-0013)*

22 11 16 00-0111	EA	1/2" Diameter, 150 Lb., Galvanized Malleable Iron Coupling	39.85	20.43
		For 300 Lb. Rating, Add	*33.25*	
		For Work In Restricted Working Space, Add	*9.18*	
		For ASTM 120, Deduct	*-1.39*	
22 11 16 00-0112	EA	3/4" Diameter, 150 Lb., Galvanized Malleable Iron Coupling	44.91	22.84
		For 300 Lb. Rating, Add	*38.27*	
		For Work In Restricted Working Space, Add	*10.28*	
		For ASTM 120, Deduct	*-1.60*	
22 11 16 00-0113	EA	1" Diameter, 150 Lb., Galvanized Malleable Iron Coupling	55.71	25.48
		For 300 Lb. Rating, Add	*61.63*	
		For Work In Restricted Working Space, Add	*11.48*	
		For ASTM 120, Deduct	*-2.62*	
22 11 16 00-0114	EA	1-1/4" Diameter, 150 Lb., Galvanized Malleable Iron Coupling	67.93	28.93
		For 300 Lb. Rating, Add	*86.31*	
		For Work In Restricted Working Space, Add	*12.99*	
		For ASTM 120, Deduct	*-3.69*	
22 11 16 00-0115	EA	1-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Coupling	76.82	32.59
		For 300 Lb. Rating, Add	*98.06*	
		For Work In Restricted Working Space, Add	*14.65*	
		For ASTM 120, Deduct	*-4.20*	
22 11 16 00-0116	EA	2" Diameter, 150 Lb., Galvanized Malleable Iron Coupling	102.95	41.43
		For 300 Lb. Rating, Add	*142.82*	
		For Work In Restricted Working Space, Add	*18.61*	
		For ASTM 120, Deduct	*-6.14*	
22 11 16 00-0117	EA	2-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Coupling	217.04	61.29
		For 300 Lb. Rating, Add	*431.29*	
		For Work In Restricted Working Space, Add	*27.54*	
		For ASTM 120, Deduct	*-18.78*	
22 11 16 00-0118	EA	3" Diameter, 150 Lb., Galvanized Malleable Iron Coupling	288.19	80.57
		For 300 Lb. Rating, Add	*576.34*	
		For Work In Restricted Working Space, Add	*36.24*	
		For ASTM 120, Deduct	*-25.11*	
22 11 16 00-0119	EA	4" Diameter, 150 Lb., Galvanized Malleable Iron Coupling	486.12	87.12
		For 300 Lb. Rating, Add	*1,216.47*	
		For Work In Restricted Working Space, Add	*39.19*	
		For ASTM 120, Deduct	*-53.32*	
22 11 16 00-0120	EA	5" Diameter, 150 Lb., Galvanized Malleable Iron Coupling	1,137.26	90.93
		For 300 Lb. Rating, Add	*3,411.38*	
		For Work In Restricted Working Space, Add	*40.90*	
		For ASTM 120, Deduct	*-150.14*	
22 11 16 00-0121	EA	6" Diameter, 150 Lb., Galvanized Malleable Iron Coupling	1,282.86	95.07
		For 300 Lb. Rating, Add	*3,885.71*	
		For Work In Restricted Working Space, Add	*42.76*	
		For ASTM 120, Deduct	*-171.05*	
22 11 16 00-0122	EA	8" Diameter, 150 Lb., Galvanized Malleable Iron Coupling	1,523.29	99.34
		For 300 Lb. Rating, Add	*4,681.73*	
		For Work In Restricted Working Space, Add	*44.68*	
		For ASTM 120, Deduct	*-206.15*	

22 11 16 00-0123 Galvanized Malleable Iron Reducing Couplings *(22 11 16 00-0013)*

22 11 16 00-0124	EA	1/2" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Coupling	41.82	20.43
		For 300 Lb. Rating, Add	*39.95*	
		For Work In Restricted Working Space, Add	*9.18*	
		For ASTM 120, Deduct	*-1.68*	
22 11 16 00-0125	EA	3/4" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Coupling	46.25	22.84
		For 300 Lb. Rating, Add	*42.82*	
		For Work In Restricted Working Space, Add	*10.28*	
		For ASTM 120, Deduct	*-1.80*	
22 11 16 00-0126	EA	1" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Coupling	58.24	25.48
		For 300 Lb. Rating, Add	*70.23*	
		For Work In Restricted Working Space, Add	*11.48*	
		For ASTM 120, Deduct	*-3.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0127	EA	1-1/4" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Coupling	69.14	28.93
		For 300 Lb. Rating, Add	*90.42*	
		For Work In Restricted Working Space, Add	*12.99*	
		For ASTM 120, Deduct	*-3.87*	
22 11 16 00-0128	EA	1-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Coupling	82.16	32.59
		For 300 Lb. Rating, Add	*116.22*	
		For Work In Restricted Working Space, Add	*14.65*	
		For ASTM 120, Deduct	*-5.00*	
22 11 16 00-0129	EA	2" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Coupling	107.49	41.43
		For 300 Lb. Rating, Add	*158.25*	
		For Work In Restricted Working Space, Add	*18.61*	
		For ASTM 120, Deduct	*-6.82*	
22 11 16 00-0130	EA	2-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Coupling	218.63	61.29
		For 300 Lb. Rating, Add	*436.70*	
		For Work In Restricted Working Space, Add	*27.54*	
		For ASTM 120, Deduct	*-19.02*	
22 11 16 00-0131	EA	3" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Coupling	283.44	80.57
		For 300 Lb. Rating, Add	*560.19*	
		For Work In Restricted Working Space, Add	*36.24*	
		For ASTM 120, Deduct	*-24.39*	
22 11 16 00-0132	EA	4" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Coupling	495.27	87.12
		For 300 Lb. Rating, Add	*1,247.58*	
		For Work In Restricted Working Space, Add	*39.19*	
		For ASTM 120, Deduct	*-54.69*	
22 11 16 00-0133	EA	5" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Coupling	1,189.95	90.93
		For 300 Lb. Rating, Add	*3,590.52*	
		For Work In Restricted Working Space, Add	*40.90*	
		For ASTM 120, Deduct	*-158.04*	
22 11 16 00-0134	EA	6" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Coupling	1,342.88	95.07
		For 300 Lb. Rating, Add	*4,089.78*	
		For Work In Restricted Working Space, Add	*42.76*	
		For ASTM 120, Deduct	*-180.05*	
22 11 16 00-0135	EA	8" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Coupling	1,596.16	99.34
		For 300 Lb. Rating, Add	*4,929.48*	
		For Work In Restricted Working Space, Add	*44.68*	
		For ASTM 120, Deduct	*-217.08*	

22 11 16 00-0136 Galvanized Malleable Iron Caps *(22 11 16 00-0013)*

22 11 16 00-0137	EA	1/2" Diameter, 150 Lb., Galvanized Malleable Iron Cap	16.44	9.52
		For 300 Lb. Rating, Add	*7.97*	
		For Work In Restricted Working Space, Add	*4.31*	
		For ASTM 120, Deduct	*-0.31*	
22 11 16 00-0138	EA	3/4" Diameter, 150 Lb., Galvanized Malleable Iron Cap	18.19	10.22
		For 300 Lb. Rating, Add	*10.74*	
		For Work In Restricted Working Space, Add	*4.59*	
		For ASTM 120, Deduct	*-0.43*	
22 11 16 00-0139	EA	1" Diameter, 150 Lb., Galvanized Malleable Iron Cap	21.25	11.82
		For 300 Lb. Rating, Add	*13.27*	
		For Work In Restricted Working Space, Add	*5.30*	
		For ASTM 120, Deduct	*-0.54*	
22 11 16 00-0140	EA	1-1/4" Diameter, 150 Lb., Galvanized Malleable Iron Cap	23.24	12.39
		For 300 Lb. Rating, Add	*17.16*	
		For Work In Restricted Working Space, Add	*5.56*	
		For ASTM 120, Deduct	*-0.71*	
22 11 16 00-0141	EA	1-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Cap	22.94	12.39
		For 300 Lb. Rating, Add	*16.14*	
		For Work In Restricted Working Space, Add	*5.56*	
		For ASTM 120, Deduct	*-0.66*	
22 11 16 00-0142	EA	2" Diameter, 150 Lb., Galvanized Malleable Iron Cap	34.14	16.41
		For 300 Lb. Rating, Add	*33.64*	
		For Work In Restricted Working Space, Add	*7.40*	
		For ASTM 120, Deduct	*-1.42*	
22 11 16 00-0143	EA	2-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Cap	51.84	20.43
		For 300 Lb. Rating, Add	*74.02*	
		For Work In Restricted Working Space, Add	*9.18*	
		For ASTM 120, Deduct	*-3.18*	
22 11 16 00-0144	EA	3" Diameter, 150 Lb., Galvanized Malleable Iron Cap	67.25	24.68
		For 300 Lb. Rating, Add	*105.00*	
		For Work In Restricted Working Space, Add	*11.11*	
		For ASTM 120, Deduct	*-4.53*	
22 11 16 00-0145	EA	4" Diameter, 150 Lb., Galvanized Malleable Iron Cap	101.31	29.89
		For 300 Lb. Rating, Add	*194.82*	
		For Work In Restricted Working Space, Add	*13.44*	
		For ASTM 120, Deduct	*-8.48*	
22 11 16 00-0146	EA	5" Diameter, 150 Lb., Galvanized Malleable Iron Cap	243.60	37.40
		For 300 Lb. Rating, Add	*641.23*	
		For Work In Restricted Working Space, Add	*16.80*	
		For ASTM 120, Deduct	*-28.14*	
22 11 16 00-0147	EA	6" Diameter, 150 Lb., Galvanized Malleable Iron Cap	303.15	44.45
		For 300 Lb. Rating, Add	*807.90*	
		For Work In Restricted Working Space, Add	*20.01*	
		For ASTM 120, Deduct	*-35.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0148	EA	8" Diameter, 150 Lb., Galvanized Malleable Iron Cap	380.89	49.67
		For 300 Lb. Rating, Add	*1,046.30*	
		For Work In Restricted Working Space, Add	*22.34*	
		For ASTM 120, Deduct	*-45.96*	

22 11 16 00-0149 Galvanized Malleable Iron FIP Threaded, Unions *(22 11 16 00-0013)*

22 11 16 00-0150	EA	1/2" Diameter, 150 Lb., Galvanized Malleable Iron Union	52.36	25.48
		For Work In Restricted Working Space, Add	*11.48*	
22 11 16 00-0151	EA	3/4" Diameter, 150 Lb., Galvanized Malleable Iron Union	60.34	29.50
		For Work In Restricted Working Space, Add	*13.24*	
22 11 16 00-0152	EA	1" Diameter, 150 Lb., Galvanized Malleable Iron Union	73.38	34.78
		For Work In Restricted Working Space, Add	*15.65*	
22 11 16 00-0153	EA	1-1/4" Diameter, 150 Lb., Galvanized Malleable Iron Union	92.72	41.43
		For Work In Restricted Working Space, Add	*18.61*	
22 11 16 00-0154	EA	1-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Union	111.21	49.36
		For Work In Restricted Working Space, Add	*22.21*	
22 11 16 00-0155	EA	2" Diameter, 150 Lb., Galvanized Malleable Iron Union	134.54	61.29
		For Work In Restricted Working Space, Add	*27.54*	
22 11 16 00-0156	EA	2-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Union	283.97	90.32
		For Work In Restricted Working Space, Add	*40.66*	
22 11 16 00-0157	EA	3" Diameter, 150 Lb., Galvanized Malleable Iron Union	386.08	118.79
		For Work In Restricted Working Space, Add	*53.50*	
22 11 16 00-0158	EA	1/2" Diameter, 250 Lb., Galvanized Malleable Iron Union	66.92	25.48
		For Work In Restricted Working Space, Add	*11.48*	
22 11 16 00-0159	EA	3/4" Diameter, 250 Lb., Galvanized Malleable Iron Union	70.19	29.50
		For Work In Restricted Working Space, Add	*13.24*	
22 11 16 00-0160	EA	1" Diameter, 250 Lb., Galvanized Malleable Iron Union	84.46	34.78
		For Work In Restricted Working Space, Add	*15.65*	
22 11 16 00-0161	EA	1-1/4" Diameter, 250 Lb., Galvanized Malleable Iron Union	110.94	41.43
		For Work In Restricted Working Space, Add	*18.61*	
22 11 16 00-0162	EA	1-1/2" Diameter, 250 Lb., Galvanized Malleable Iron Union	130.36	49.36
		For Work In Restricted Working Space, Add	*22.22*	
22 11 16 00-0163	EA	2" Diameter, 250 Lb., Galvanized Malleable Iron Union	171.33	61.29
		For Work In Restricted Working Space, Add	*27.54*	
22 11 16 00-0164	EA	2-1/2" Diameter, 250 Lb., Galvanized Malleable Iron Union	344.73	90.32
		For Work In Restricted Working Space, Add	*40.66*	
22 11 16 00-0165	EA	3" Diameter, 250 Lb., Galvanized Malleable Iron Union	499.29	118.79
		For Work In Restricted Working Space, Add	*53.50*	
22 11 16 00-0166	EA	4" Diameter, 250 Lb., Galvanized Malleable Iron Union	696.31	128.55
		For Work In Restricted Working Space, Add	*57.86*	
22 11 16 00-0167	EA	1/2" Diameter, 300 Lb., Galvanized Malleable Iron Union	70.92	25.48
		For Work In Restricted Working Space, Add	*11.48*	
22 11 16 00-0168	EA	3/4" Diameter, 300 Lb., Galvanized Malleable Iron Union	79.57	29.50
		For Work In Restricted Working Space, Add	*13.24*	
22 11 16 00-0169	EA	1" Diameter, 300 Lb., Galvanized Malleable Iron Union	99.16	34.78
		For Work In Restricted Working Space, Add	*15.65*	
22 11 16 00-0170	EA	1-1/4" Diameter, 300 Lb., Galvanized Malleable Iron Union	127.56	41.43
		For Work In Restricted Working Space, Add	*18.61*	
22 11 16 00-0171	EA	1-1/2" Diameter, 300 Lb., Galvanized Malleable Iron Union	152.96	49.36
		For Work In Restricted Working Space, Add	*22.22*	
22 11 16 00-0172	EA	2" Diameter, 300 Lb., Galvanized Malleable Iron Union	186.52	61.29
		For Work In Restricted Working Space, Add	*27.54*	
22 11 16 00-0173	EA	2-1/2" Diameter, 300 Lb., Galvanized Malleable Iron Union	399.72	90.32
		For Work In Restricted Working Space, Add	*40.66*	
22 11 16 00-0174	EA	3" Diameter, 300 Lb., Galvanized Malleable Iron Union	625.14	118.79
		For Work In Restricted Working Space, Add	*53.50*	
22 11 16 00-0175	EA	4" Diameter, 300 Lb., Galvanized Malleable Iron Union	1,313.44	128.55
		For Work In Restricted Working Space, Add	*57.86*	

22 11 16 00-0176 Galvanized Steel Nipples *(22 11 16 00-0013)*

Note: ASTM A-53.

22 11 16 00-0177	EA	3/8" Diameter x Close, Schedule 40 Galvanized Steel Nipple	18.23	10.90
		For ASTM 120, Deduct	*-0.28*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*2.10*	
22 11 16 00-0178	EA	1/2" Diameter x Close, Schedule 40 Galvanized Steel Nipple	17.88	10.90
		For ASTM 120, Deduct	*-0.22*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*1.70*	
22 11 16 00-0179	EA	3/4" Diameter x Close, Schedule 40 Galvanized Steel Nipple	18.20	10.90
		For ASTM 120, Deduct	*-0.27*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*2.06*	
22 11 16 00-0180	EA	1" Diameter x Close, Schedule 40 Galvanized Steel Nipple	20.15	11.82
		For ASTM 120, Deduct	*-0.37*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Nipples, Add	*2.84*	
22 11 16 00-0181	EA	1-1/4" Diameter x Close, Schedule 40 Galvanized Steel Nipple	22.47	12.74
		For ASTM 120, Deduct	*-0.50*	
		For Work In Restricted Working Space, Add	*5.74*	
		For Schedule 80 Nipples, Add	*3.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0182	EA	1-1/2" Diameter x Close, Schedule 40 Galvanized Steel Nipple	23.04	12.74
		For ASTM 120, Deduct	*-0.59*	
		For Work In Restricted Working Space, Add	*5.74*	
		For Schedule 80 Nipples, Add	*4.46*	
22 11 16 00-0183	EA	2" Diameter x Close, Schedule 40 Galvanized Steel Nipple	30.20	16.41
		For ASTM 120, Deduct	*-0.83*	
		For Work In Restricted Working Space, Add	*7.40*	
		For Schedule 80 Nipples, Add	*6.29*	
22 11 16 00-0184	EA	2-1/2" Diameter x Close, Schedule 40 Galvanized Steel Nipple	47.03	20.43
		For ASTM 120, Deduct	*-2.46*	
		For Work In Restricted Working Space, Add	*9.18*	
		For Schedule 80 Nipples, Add	*18.72*	
22 11 16 00-0185	EA	3" Diameter x Close, Schedule 40 Galvanized Steel Nipple	56.70	24.68
		For ASTM 120, Deduct	*-2.95*	
		For Work In Restricted Working Space, Add	*11.11*	
		For Schedule 80 Nipples, Add	*22.44*	
22 11 16 00-0186	EA	4" Diameter x Close, Schedule 40 Galvanized Steel Nipple	74.29	29.89
		For ASTM 120, Deduct	*-4.42*	
		For Work In Restricted Working Space, Add	*13.44*	
		For Schedule 80 Nipples, Add	*33.62*	
22 11 16 00-0187	EA	3/8" Diameter x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple	18.51	10.90
		For ASTM 120, Deduct	*-0.32*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*2.42*	
22 11 16 00-0188	EA	1/2" Diameter x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple	17.96	10.90
		For ASTM 120, Deduct	*-0.24*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*1.79*	
22 11 16 00-0189	EA	3/4" Diameter x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple	18.36	10.90
		For ASTM 120, Deduct	*-0.30*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*2.25*	
22 11 16 00-0190	EA	3/8"Diameter x 2" Long, Schedule 40 Galvanized Steel Nipple	18.51	10.90
		For ASTM 120, Deduct	*-0.32*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*2.42*	
22 11 16 00-0191	EA	1/2" Diameter x 2" Long, Schedule 40 Galvanized Steel Nipple	17.96	10.90
		For ASTM 120, Deduct	*-0.24*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*1.79*	
22 11 16 00-0192	EA	3/4" Diameter x 2" Long, Schedule 40 Galvanized Steel Nipple	18.36	10.90
		For ASTM 120, Deduct	*-0.30*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*2.25*	
22 11 16 00-0193	EA	1" Diameter x 2" Long, Schedule 40 Galvanized Steel Nipple	20.59	11.82
		For ASTM 120, Deduct	*-0.44*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Nipples, Add	*3.34*	
22 11 16 00-0194	EA	1-1/4" Diameter x 2" Long, Schedule 40 Galvanized Steel Nipple	22.71	12.74
		For ASTM 120, Deduct	*-0.54*	
		For Work In Restricted Working Space, Add	*5.74*	
		For Schedule 80 Nipples, Add	*4.08*	
22 11 16 00-0195	EA	1-1/2" Diameter x 2" Long, Schedule 40 Galvanized Steel Nipple	23.33	12.74
		For ASTM 120, Deduct	*-0.63*	
		For Work In Restricted Working Space, Add	*5.74*	
		For Schedule 80 Nipples, Add	*4.79*	
22 11 16 00-0196	EA	3/8" Diameter x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	19.21	10.90
		For ASTM 120, Deduct	*-0.42*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*3.21*	
22 11 16 00-0197	EA	1/2" Diameter x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	18.23	10.90
		For ASTM 120, Deduct	*-0.28*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*2.10*	
22 11 16 00-0198	EA	3/4" Diameter x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	18.57	10.90
		For ASTM 120, Deduct	*-0.33*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*2.49*	
22 11 16 00-0199	EA	1" Diameter x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	20.84	11.82
		For ASTM 120, Deduct	*-0.48*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Nipples, Add	*3.63*	
22 11 16 00-0200	EA	1-1/4" Diameter x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	23.06	12.74
		For ASTM 120, Deduct	*-0.59*	
		For Work In Restricted Working Space, Add	*5.74*	
		For Schedule 80 Nipples, Add	*4.48*	
22 11 16 00-0201	EA	1-1/2" Diameter x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	23.81	12.74
		For ASTM 120, Deduct	*-0.70*	
		For Work In Restricted Working Space, Add	*5.74*	
		For Schedule 80 Nipples, Add	*5.34*	
22 11 16 00-0202	EA	2" Diameter x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	30.89	16.41
		For ASTM 120, Deduct	*-0.93*	
		For Work In Restricted Working Space, Add	*7.40*	
		For Schedule 80 Nipples, Add	*7.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0203	EA	3/8" Diameter x 3" Long, Schedule 40 Galvanized Steel Nipple	19.21	10.90
		For ASTM 120, Deduct	*-0.42*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*3.21*	
22 11 16 00-0204	EA	1/2" Diameter x 3" Long, Schedule 40 Galvanized Steel Nipple	18.23	10.90
		For ASTM 120, Deduct	*-0.28*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*2.10*	
22 11 16 00-0205	EA	3/4" Diameter x 3" Long, Schedule 40 Galvanized Steel Nipple	18.57	10.90
		For ASTM 120, Deduct	*-0.33*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*2.49*	
22 11 16 00-0206	EA	1" Diameter x 3" Long, Schedule 40 Galvanized Steel Nipple	20.84	11.82
		For ASTM 120, Deduct	*-0.48*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Nipples, Add	*3.63*	
22 11 16 00-0207	EA	1-1/4" Diameter x 3" Long, Schedule 40 Galvanized Steel Nipple	23.06	12.74
		For ASTM 120, Deduct	*-0.59*	
		For Work In Restricted Working Space, Add	*5.74*	
		For Schedule 80 Nipples, Add	*4.48*	
22 11 16 00-0208	EA	1-1/2" Diameter x 3" Long, Schedule 40 Galvanized Steel Nipple	23.81	12.74
		For ASTM 120, Deduct	*-0.70*	
		For Work In Restricted Working Space, Add	*5.74*	
		For Schedule 80 Nipples, Add	*5.34*	
22 11 16 00-0209	EA	2" Diameter x 3" Long, Schedule 40 Galvanized Steel Nipple	30.89	16.41
		For ASTM 120, Deduct	*-0.93*	
		For Work In Restricted Working Space, Add	*7.40*	
		For Schedule 80 Nipples, Add	*7.08*	
22 11 16 00-0210	EA	2-1/2" Diameter x 3" Long, Schedule 40 Galvanized Steel Nipple	47.66	20.43
		For ASTM 120, Deduct	*-2.56*	
		For Work In Restricted Working Space, Add	*9.18*	
		For Schedule 80 Nipples, Add	*19.44*	
22 11 16 00-0211	EA	3" Diameter x 3" Long, Schedule 40 Galvanized Steel Nipple	59.41	24.68
		For ASTM 120, Deduct	*-3.36*	
		For Work In Restricted Working Space, Add	*11.11*	
		For Schedule 80 Nipples, Add	*25.52*	
22 11 16 00-0212	EA	3/8" Diameter x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	19.74	10.90
		For ASTM 120, Deduct	*-0.50*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*3.82*	
22 11 16 00-0213	EA	1/2" Diameter x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	18.67	10.90
		For ASTM 120, Deduct	*-0.34*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*2.60*	
22 11 16 00-0214	EA	3/4" Diameter x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	19.21	10.90
		For ASTM 120, Deduct	*-0.42*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*3.21*	
22 11 16 00-0215	EA	1" Diameter x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	21.48	11.82
		For ASTM 120, Deduct	*-0.57*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Nipples, Add	*4.35*	
22 11 16 00-0216	EA	1-1/4" Diameter x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	23.81	12.74
		For ASTM 120, Deduct	*-0.70*	
		For Work In Restricted Working Space, Add	*5.74*	
		For Schedule 80 Nipples, Add	*5.34*	
22 11 16 00-0217	EA	1-1/2" Diameter x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	25.05	12.74
		For ASTM 120, Deduct	*-0.89*	
		For Work In Restricted Working Space, Add	*5.74*	
		For Schedule 80 Nipples, Add	*6.75*	
22 11 16 00-0218	EA	2" Diameter x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	32.22	16.41
		For ASTM 120, Deduct	*-1.13*	
		For Work In Restricted Working Space, Add	*7.40*	
		For Schedule 80 Nipples, Add	*8.60*	
22 11 16 00-0219	EA	2-1/2" Diameter x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	50.40	20.43
		For ASTM 120, Deduct	*-2.97*	
		For Work In Restricted Working Space, Add	*9.18*	
		For Schedule 80 Nipples, Add	*22.56*	
22 11 16 00-0220	EA	3" Diameter x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	63.29	24.68
		For ASTM 120, Deduct	*-3.94*	
		For Work In Restricted Working Space, Add	*11.11*	
		For Schedule 80 Nipples, Add	*29.95*	
22 11 16 00-0221	EA	3/8" Diameter x 4" Long, Schedule 40 Galvanized Steel Nipple	19.74	10.90
		For ASTM 120, Deduct	*-0.50*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*3.82*	
22 11 16 00-0222	EA	1/2" Diameter x 4" Long, Schedule 40 Galvanized Steel Nipple	18.67	10.90
		For ASTM 120, Deduct	*-0.34*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*2.60*	
22 11 16 00-0223	EA	3/4" Diameter x 4" Long, Schedule 40 Galvanized Steel Nipple	19.74	10.90
		For ASTM 120, Deduct	*-0.50*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*3.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0224	EA	1" Diameter x 4" Long, Schedule 40 Galvanized Steel Nipple	21.48	11.82
		For ASTM 120, Deduct	*-0.57*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Nipples, Add	*4.35*	
22 11 16 00-0225	EA	1-1/4" Diameter x 4" Long, Schedule 40 Galvanized Steel Nipple	23.81	12.74
		For ASTM 120, Deduct	*-0.70*	
		For Work In Restricted Working Space, Add	*5.74*	
		For Schedule 80 Nipples, Add	*5.34*	
22 11 16 00-0226	EA	1-1/2" Diameter x 4" Long, Schedule 40 Galvanized Steel Nipple	25.05	12.74
		For ASTM 120, Deduct	*-0.89*	
		For Work In Restricted Working Space, Add	*5.74*	
		For Schedule 80 Nipples, Add	*6.75*	
22 11 16 00-0227	EA	2" Diameter x 4" Long, Schedule 40 Galvanized Steel Nipple	32.28	16.41
		For ASTM 120, Deduct	*-1.14*	
		For Work In Restricted Working Space, Add	*7.40*	
		For Schedule 80 Nipples, Add	*8.66*	
22 11 16 00-0228	EA	2-1/2" Diameter x 4" Long, Schedule 40 Galvanized Steel Nipple	50.40	20.43
		For ASTM 120, Deduct	*-2.97*	
		For Work In Restricted Working Space, Add	*9.18*	
		For Schedule 80 Nipples, Add	*22.56*	
22 11 16 00-0229	EA	3" Diameter x 4" Long, Schedule 40 Galvanized Steel Nipple	63.29	24.68
		For ASTM 120, Deduct	*-3.94*	
		For Work In Restricted Working Space, Add	*11.11*	
		For Schedule 80 Nipples, Add	*29.95*	
22 11 16 00-0230	EA	4" Diameter x 4" Long, Schedule 40 Galvanized Steel Nipple	80.06	29.89
		For ASTM 120, Deduct	*-5.29*	
		For Work In Restricted Working Space, Add	*13.44*	
		For Schedule 80 Nipples, Add	*40.20*	
22 11 16 00-0231	EA	3/8" Diameter x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	21.01	10.90
		For ASTM 120, Deduct	*-0.69*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*5.27*	
22 11 16 00-0232	EA	1/2" Diameter x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	19.13	10.90
		For ASTM 120, Deduct	*-0.41*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*3.12*	
22 11 16 00-0233	EA	3/4" Diameter x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	19.76	10.90
		For ASTM 120, Deduct	*-0.51*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*3.84*	
22 11 16 00-0234	EA	1" Diameter x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	22.34	11.82
		For ASTM 120, Deduct	*-0.70*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Nipples, Add	*5.34*	
22 11 16 00-0235	EA	1-1/4" Diameter x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	24.92	12.74
		For ASTM 120, Deduct	*-0.87*	
		For Work In Restricted Working Space, Add	*5.74*	
		For Schedule 80 Nipples, Add	*6.60*	
22 11 16 00-0236	EA	1-1/2" Diameter x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	26.28	12.74
		For ASTM 120, Deduct	*-1.07*	
		For Work In Restricted Working Space, Add	*5.74*	
		For Schedule 80 Nipples, Add	*8.15*	
22 11 16 00-0237	EA	2" Diameter x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	34.30	16.41
		For ASTM 120, Deduct	*-1.44*	
		For Work In Restricted Working Space, Add	*7.40*	
		For Schedule 80 Nipples, Add	*10.97*	
22 11 16 00-0238	EA	2-1/2" Diameter x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	52.67	20.43
		For ASTM 120, Deduct	*-3.31*	
		For Work In Restricted Working Space, Add	*9.18*	
		For Schedule 80 Nipples, Add	*25.15*	
22 11 16 00-0239	EA	3" Diameter x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	67.63	24.68
		For ASTM 120, Deduct	*-4.59*	
		For Work In Restricted Working Space, Add	*11.11*	
		For Schedule 80 Nipples, Add	*34.90*	
22 11 16 00-0240	EA	4" Diameter x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	84.34	29.89
		For ASTM 120, Deduct	*-5.93*	
		For Work In Restricted Working Space, Add	*13.44*	
		For Schedule 80 Nipples, Add	*45.08*	
22 11 16 00-0241	EA	3/8" Diameter x 5" Long, Schedule 40 Galvanized Steel Nipple	21.01	10.90
		For ASTM 120, Deduct	*-0.69*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*5.27*	
22 11 16 00-0242	EA	1/2" Diameter x 5" Long, Schedule 40 Galvanized Steel Nipple	19.13	10.90
		For ASTM 120, Deduct	*-0.41*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*3.12*	
22 11 16 00-0243	EA	3/4" Diameter x 5" Long, Schedule 40 Galvanized Steel Nipple	19.76	10.90
		For ASTM 120, Deduct	*-0.51*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*3.84*	
22 11 16 00-0244	EA	1" Diameter x 5" Long, Schedule 40 Galvanized Steel Nipple	22.34	11.82
		For ASTM 120, Deduct	*-0.70*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Nipples, Add	*5.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0245	EA	1-1/4" Diameter x 5" Long, Schedule 40 Galvanized Steel Nipple	24.92	12.74
		For ASTM 120, Deduct	*-0.87*	
		For Work In Restricted Working Space, Add	*5.74*	
		For Schedule 80 Nipples, Add	*6.60*	
22 11 16 00-0246	EA	1-1/2" Diameter x 5" Long, Schedule 40 Galvanized Steel Nipple	26.28	12.74
		For ASTM 120, Deduct	*-1.07*	
		For Work In Restricted Working Space, Add	*5.74*	
		For Schedule 80 Nipples, Add	*8.15*	
22 11 16 00-0247	EA	2" Diameter x 5" Long, Schedule 40 Galvanized Steel Nipple	34.30	16.41
		For ASTM 120, Deduct	*-1.44*	
		For Work In Restricted Working Space, Add	*7.40*	
		For Schedule 80 Nipples, Add	*10.97*	
22 11 16 00-0248	EA	2-1/2" Diameter x 5" Long, Schedule 40 Galvanized Steel Nipple	52.67	20.43
		For ASTM 120, Deduct	*-3.31*	
		For Work In Restricted Working Space, Add	*9.18*	
		For Schedule 80 Nipples, Add	*25.15*	
22 11 16 00-0249	EA	3" Diameter x 5" Long, Schedule 40 Galvanized Steel Nipple	67.63	24.68
		For ASTM 120, Deduct	*-4.59*	
		For Work In Restricted Working Space, Add	*11.11*	
		For Schedule 80 Nipples, Add	*34.90*	
22 11 16 00-0250	EA	4" Diameter x 5" Long, Schedule 40 Galvanized Steel Nipple	84.34	29.89
		For ASTM 120, Deduct	*-5.93*	
		For Work In Restricted Working Space, Add	*13.44*	
		For Schedule 80 Nipples, Add	*45.08*	
22 11 16 00-0251	EA	3/8" Diameter x 6" Long, Schedule 40 Galvanized Steel Nipple	21.52	10.90
		For ASTM 120, Deduct	*-0.77*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*5.85*	
22 11 16 00-0252	EA	1/2" Diameter x 6" Long, Schedule 40 Galvanized Steel Nipple	19.50	10.90
		For ASTM 120, Deduct	*-0.47*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*3.55*	
22 11 16 00-0253	EA	3/4" Diameter x 6" Long, Schedule 40 Galvanized Steel Nipple	20.43	10.90
		For ASTM 120, Deduct	*-0.61*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*4.61*	
22 11 16 00-0254	EA	1" Diameter x 6" Long, Schedule 40 Galvanized Steel Nipple	22.97	11.82
		For ASTM 120, Deduct	*-0.80*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Nipples, Add	*6.05*	
22 11 16 00-0255	EA	1-1/4" Diameter x 6" Long, Schedule 40 Galvanized Steel Nipple	25.85	12.74
		For ASTM 120, Deduct	*-1.01*	
		For Work In Restricted Working Space, Add	*5.74*	
		For Schedule 80 Nipples, Add	*7.66*	
22 11 16 00-0256	EA	1-1/2" Diameter x 6" Long, Schedule 40 Galvanized Steel Nipple	27.18	12.74
		For ASTM 120, Deduct	*-1.21*	
		For Work In Restricted Working Space, Add	*5.74*	
		For Schedule 80 Nipples, Add	*9.18*	
22 11 16 00-0257	EA	2" Diameter x 6" Long, Schedule 40 Galvanized Steel Nipple	35.86	16.41
		For ASTM 120, Deduct	*-1.68*	
		For Work In Restricted Working Space, Add	*7.40*	
		For Schedule 80 Nipples, Add	*12.75*	
22 11 16 00-0258	EA	2-1/2" Diameter x 6" Long, Schedule 40 Galvanized Steel Nipple	54.86	20.43
		For ASTM 120, Deduct	*-3.64*	
		For Work In Restricted Working Space, Add	*9.18*	
		For Schedule 80 Nipples, Add	*27.65*	
22 11 16 00-0259	EA	3" Diameter x 6" Long, Schedule 40 Galvanized Steel Nipple	69.40	24.68
		For ASTM 120, Deduct	*-4.86*	
		For Work In Restricted Working Space, Add	*11.11*	
		For Schedule 80 Nipples, Add	*36.91*	
22 11 16 00-0260	EA	4" Diameter x 6" Long, Schedule 40 Galvanized Steel Nipple	88.51	29.89
		For ASTM 120, Deduct	*-6.56*	
		For Work In Restricted Working Space, Add	*13.44*	
		For Schedule 80 Nipples, Add	*49.83*	
22 11 16 00-0261	EA	3/8" Diameter x 8" Long, Schedule 40 Galvanized Steel Nipple	36.90	10.90
		For ASTM 120, Deduct	*-3.08*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*23.38*	
22 11 16 00-0262	EA	1/2" Diameter x 8" Long, Schedule 40 Galvanized Steel Nipple	21.87	10.90
		For ASTM 120, Deduct	*-0.82*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*6.25*	
22 11 16 00-0263	EA	3/4" Diameter x 8" Long, Schedule 40 Galvanized Steel Nipple	23.40	10.90
		For ASTM 120, Deduct	*-1.05*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*7.99*	
22 11 16 00-0264	EA	1" Diameter x 8" Long, Schedule 40 Galvanized Steel Nipple	26.54	11.82
		For ASTM 120, Deduct	*-1.33*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Nipples, Add	*10.12*	
22 11 16 00-0265	EA	1-1/4" Diameter x 8" Long, Schedule 40 Galvanized Steel Nipple	30.02	12.74
		For ASTM 120, Deduct	*-1.63*	
		For Work In Restricted Working Space, Add	*5.74*	
		For Schedule 80 Nipples, Add	*12.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0266	EA	1-1/2" Diameter x 8" Long, Schedule 40 Galvanized Steel Nipple	31.62	12.74
		For ASTM 120, Deduct	*-1.87*	
		For Work In Restricted Working Space, Add	*5.74*	
		For Schedule 80 Nipples, Add	*14.24*	
22 11 16 00-0267	EA	2" Diameter x 8" Long, Schedule 40 Galvanized Steel Nipple	42.90	16.41
		For ASTM 120, Deduct	*-2.73*	
		For Work In Restricted Working Space, Add	*7.40*	
		For Schedule 80 Nipples, Add	*20.77*	
22 11 16 00-0268	EA	2-1/2" Diameter x 8" Long, Schedule 40 Galvanized Steel Nipple	61.82	20.43
		For ASTM 120, Deduct	*-4.68*	
		For Work In Restricted Working Space, Add	*9.18*	
		For Schedule 80 Nipples, Add	*35.58*	
22 11 16 00-0269	EA	3" Diameter x 8" Long, Schedule 40 Galvanized Steel Nipple	80.64	24.68
		For ASTM 120, Deduct	*-6.54*	
		For Work In Restricted Working Space, Add	*11.11*	
		For Schedule 80 Nipples, Add	*49.73*	
22 11 16 00-0270	EA	4" Diameter x 8" Long, Schedule 40 Galvanized Steel Nipple	96.96	29.89
		For ASTM 120, Deduct	*-7.82*	
		For Work In Restricted Working Space, Add	*13.44*	
		For Schedule 80 Nipples, Add	*59.46*	
22 11 16 00-0271	EA	3/8" Diameter x 10" Long, Schedule 40 Galvanized Steel Nipple	26.17	10.90
		For ASTM 120, Deduct	*-1.47*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*11.15*	
22 11 16 00-0272	EA	1/2" Diameter x 10" Long, Schedule 40 Galvanized Steel Nipple	22.90	10.90
		For ASTM 120, Deduct	*-0.98*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*7.42*	
22 11 16 00-0273	EA	3/4" Diameter x 10" Long, Schedule 40 Galvanized Steel Nipple	24.17	10.90
		For ASTM 120, Deduct	*-1.17*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*8.87*	
22 11 16 00-0274	EA	1" Diameter x 10" Long, Schedule 40 Galvanized Steel Nipple	27.81	11.82
		For ASTM 120, Deduct	*-1.52*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Nipples, Add	*11.57*	
22 11 16 00-0275	EA	1-1/4" Diameter x 10" Long, Schedule 40 Galvanized Steel Nipple	32.15	12.74
		For ASTM 120, Deduct	*-1.95*	
		For Work In Restricted Working Space, Add	*5.74*	
		For Schedule 80 Nipples, Add	*14.84*	
22 11 16 00-0276	EA	1-1/2" Diameter x 10" Long, Schedule 40 Galvanized Steel Nipple	33.69	12.74
		For ASTM 120, Deduct	*-2.18*	
		For Work In Restricted Working Space, Add	*5.74*	
		For Schedule 80 Nipples, Add	*16.60*	
22 11 16 00-0277	EA	2" Diameter x 10" Long, Schedule 40 Galvanized Steel Nipple	45.99	16.41
		For ASTM 120, Deduct	*-3.20*	
		For Work In Restricted Working Space, Add	*7.40*	
		For Schedule 80 Nipples, Add	*24.29*	
22 11 16 00-0278	EA	2-1/2" Diameter x 10" Long, Schedule 40 Galvanized Steel Nipple	66.18	20.43
		For ASTM 120, Deduct	*-5.34*	
		For Work In Restricted Working Space, Add	*9.18*	
		For Schedule 80 Nipples, Add	*40.55*	
22 11 16 00-0279	EA	3" Diameter x 10" Long, Schedule 40 Galvanized Steel Nipple	86.78	24.68
		For ASTM 120, Deduct	*-7.46*	
		For Work In Restricted Working Space, Add	*11.11*	
		For Schedule 80 Nipples, Add	*56.73*	
22 11 16 00-0280	EA	4" Diameter x 10" Long, Schedule 40 Galvanized Steel Nipple	105.25	29.89
		For ASTM 120, Deduct	*-9.07*	
		For Work In Restricted Working Space, Add	*13.44*	
		For Schedule 80 Nipples, Add	*68.91*	
22 11 16 00-0281	EA	3/8" Diameter x 12" Long, Schedule 40 Galvanized Steel Nipple	27.23	10.90
		For ASTM 120, Deduct	*-1.63*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*12.36*	
22 11 16 00-0282	EA	1/2" Diameter x 12" Long, Schedule 40 Galvanized Steel Nipple	23.80	10.90
		For ASTM 120, Deduct	*-1.11*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*8.45*	
22 11 16 00-0283	EA	3/4" Diameter x 12" Long, Schedule 40 Galvanized Steel Nipple	25.11	10.90
		For ASTM 120, Deduct	*-1.31*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Schedule 80 Nipples, Add	*9.94*	
22 11 16 00-0284	EA	1" Diameter x 12" Long, Schedule 40 Galvanized Steel Nipple	29.48	11.82
		For ASTM 120, Deduct	*-1.77*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Nipples, Add	*13.47*	
22 11 16 00-0285	EA	1-1/4" Diameter x 12" Long, Schedule 40 Galvanized Steel Nipple	34.76	12.74
		For ASTM 120, Deduct	*-2.34*	
		For Work In Restricted Working Space, Add	*5.74*	
		For Schedule 80 Nipples, Add	*17.82*	
22 11 16 00-0286	EA	1-1/2" Diameter x 12" Long, Schedule 40 Galvanized Steel Nipple	35.79	12.74
		For ASTM 120, Deduct	*-2.50*	
		For Work In Restricted Working Space, Add	*5.74*	
		For Schedule 80 Nipples, Add	*18.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0287	EA	2" Diameter x 12" Long, Schedule 40 Galvanized Steel Nipple	49.13	16.41
		For ASTM 120, Deduct	*-3.67*	
		For Work In Restricted Working Space, Add	*7.40*	
		For Schedule 80 Nipples, Add	*27.87*	
22 11 16 00-0288	EA	2-1/2" Diameter x 12" Long, Schedule 40 Galvanized Steel Nipple	70.41	20.43
		For ASTM 120, Deduct	*-5.97*	
		For Work In Restricted Working Space, Add	*9.18*	
		For Schedule 80 Nipples, Add	*45.37*	
22 11 16 00-0289	EA	3" Diameter x 12" Long, Schedule 40 Galvanized Steel Nipple	92.97	24.68
		For ASTM 120, Deduct	*-8.39*	
		For Work In Restricted Working Space, Add	*11.11*	
		For Schedule 80 Nipples, Add	*63.78*	
22 11 16 00-0290	EA	4" Diameter x 12" Long, Schedule 40 Galvanized Steel Nipple	113.62	29.89
		For ASTM 120, Deduct	*-10.32*	
		For Work In Restricted Working Space, Add	*13.44*	
		For Schedule 80 Nipples, Add	*78.45*	

22 11 16 00-0291 Galvanized Steel Dielectric Nipples With Polyethylene Liner *(22 11 16 00-0013)*

See CSI section 22 11 16 00-0832 for dielectric unions.

22 11 16 00-0292	EA	1/2" Diameter Threaded x 2-1/2" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	19.32	10.90
		For Work In Restricted Working Space, Add	*4.92*	
22 11 16 00-0293	EA	1/2" Diameter Threaded x 3" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	19.76	10.90
		For Work In Restricted Working Space, Add	*4.92*	
22 11 16 00-0294	EA	3/4" Diameter Threaded x 2" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	20.17	10.90
		For Work In Restricted Working Space, Add	*4.92*	
22 11 16 00-0295	EA	3/4" Diameter Threaded x 2-1/2" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	21.64	10.90
		For Work In Restricted Working Space, Add	*4.92*	
22 11 16 00-0296	EA	3/4" Diameter Threaded x 3" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	23.16	10.90
		For Work In Restricted Working Space, Add	*4.92*	
22 11 16 00-0297	EA	3/4" Diameter Threaded x 4" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	24.07	10.90
		For Work In Restricted Working Space, Add	*4.92*	
22 11 16 00-0298	EA	1" Diameter Threaded x 2-1/2" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	23.26	11.82
		For Work In Restricted Working Space, Add	*5.30*	
22 11 16 00-0299	EA	1" Diameter Threaded x 3" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	23.74	11.82
		For Work In Restricted Working Space, Add	*5.30*	
22 11 16 00-0300	EA	1" Diameter Threaded x 4" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	31.10	11.82
		For Work In Restricted Working Space, Add	*5.30*	
22 11 16 00-0301	EA	1-1/4" Diameter Threaded x 4" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	33.69	12.74
		For Work In Restricted Working Space, Add	*5.75*	
22 11 16 00-0302	EA	1-1/2" Diameter Threaded x 4" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	37.74	12.74
		For Work In Restricted Working Space, Add	*5.75*	
22 11 16 00-0303	EA	2" Diameter Threaded x 4" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	50.51	16.41
		For Work In Restricted Working Space, Add	*7.40*	
22 11 16 00-0304	EA	2-1/2" Diameter Threaded x 6" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	60.03	20.43
		For Work In Restricted Working Space, Add	*9.20*	
22 11 16 00-0305	EA	3" Diameter Threaded x 6" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	96.26	24.68
		For Work In Restricted Working Space, Add	*11.12*	

22 11 16 00-0306 Galvanized Malleable Iron Square Head Plugs *(22 11 16 00-0013)*

22 11 16 00-0307	EA	1/2" Diameter, 150 Lb., Galvanized Malleable Iron Square Head Plug	19.44	8.15
		For 300 Lb. Rating, Add	*25.21*	
		For Work In Restricted Working Space, Add	*3.67*	
22 11 16 00-0308	EA	3/4" Diameter, 150 Lb., Galvanized Malleable Iron Square Head Plug	20.90	9.18
		For 300 Lb. Rating, Add	*25.30*	
		For Work In Restricted Working Space, Add	*4.11*	
22 11 16 00-0309	EA	1" Diameter, 150 Lb., Galvanized Malleable Iron Square Head Plug	23.20	10.22
		For 300 Lb. Rating, Add	*27.78*	
		For Work In Restricted Working Space, Add	*4.59*	
22 11 16 00-0310	EA	1-1/4" Diameter, 150 Lb., Galvanized Malleable Iron Square Head Plug	29.47	11.59
		For 300 Lb. Rating, Add	*42.35*	
		For Work In Restricted Working Space, Add	*5.20*	
22 11 16 00-0311	EA	1-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Square Head Plug	35.89	12.97
		For 300 Lb. Rating, Add	*56.80*	
		For Work In Restricted Working Space, Add	*5.86*	
22 11 16 00-0312	EA	2" Diameter, 150 Lb., Galvanized Malleable Iron Square Head Plug	45.61	16.52
		For 300 Lb. Rating, Add	*72.21*	
		For Work In Restricted Working Space, Add	*7.44*	
22 11 16 00-0313	EA	2-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Square Head Plug	77.30	24.45
		For 300 Lb. Rating, Add	*140.14*	
		For Work In Restricted Working Space, Add	*11.02*	
22 11 16 00-0314	EA	3" Diameter, 150 Lb., Galvanized Malleable Iron Square Head Plug	105.89	32.25
		For 300 Lb. Rating, Add	*198.60*	
		For Work In Restricted Working Space, Add	*14.50*	
22 11 16 00-0315	EA	4" Diameter, 150 Lb., Galvanized Malleable Iron Square Head Plug	171.76	34.82
		For 300 Lb. Rating, Add	*409.44*	
		For Work In Restricted Working Space, Add	*15.68*	
22 11 16 00-0316	EA	5" Diameter, 150 Lb., Galvanized Malleable Iron Square Head Plug	273.77	36.39
		For 300 Lb. Rating, Add	*748.69*	
		For Work In Restricted Working Space, Add	*16.36*	
22 11 16 00-0317	EA	6" Diameter, 150 Lb., Galvanized Malleable Iron Square Head Plug	294.03	37.96
		For 300 Lb. Rating, Add	*809.29*	
		For Work In Restricted Working Space, Add	*17.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0318		**Galvanized Malleable Iron Bushing** *(22 11 16 00-0013)*		
22 11 16 00-0319	EA	3/4" x 1/2" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	41.74	21.58
		For Work In Restricted Working Space, Add	*9.73*	
22 11 16 00-0320	EA	1" x 1/2" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	45.57	22.96
		For Work In Restricted Working Space, Add	*10.33*	
22 11 16 00-0321	EA	1" x 3/4" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	46.81	24.21
		For Work In Restricted Working Space, Add	*10.88*	
22 11 16 00-0322	EA	1-1/4" x 1/2" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	52.55	24.68
		For Work In Restricted Working Space, Add	*11.09*	
22 11 16 00-0323	EA	1-1/4" x 3/4" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	52.96	25.83
		For Work In Restricted Working Space, Add	*11.63*	
22 11 16 00-0324	EA	1-1/4" x 1" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	54.96	27.20
		For Work In Restricted Working Space, Add	*12.23*	
22 11 16 00-0325	EA	1-1/2" x 1/2" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	60.33	26.51
		For Work In Restricted Working Space, Add	*11.92*	
22 11 16 00-0326	EA	1-1/2" x 3/4" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	62.15	27.66
		For Work In Restricted Working Space, Add	*12.46*	
22 11 16 00-0327	EA	1-1/2" x 1" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	62.13	29.04
		For Work In Restricted Working Space, Add	*13.07*	
22 11 16 00-0328	EA	1-1/2" x 1-1/4" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	63.22	30.76
		For Work In Restricted Working Space, Add	*13.82*	
22 11 16 00-0329	EA	2" x 1/2" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	72.07	30.87
		For Work In Restricted Working Space, Add	*13.90*	
22 11 16 00-0330	EA	2" x 3/4" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	72.10	32.14
		For Work In Restricted Working Space, Add	*14.45*	
22 11 16 00-0331	EA	2" x 1" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	72.78	33.40
		For Work In Restricted Working Space, Add	*15.04*	
22 11 16 00-0332	EA	2" x 1-1/4" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	75.31	35.12
		For Work In Restricted Working Space, Add	*15.80*	
22 11 16 00-0333	EA	2" x 1-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	75.30	36.96
		For Work In Restricted Working Space, Add	*16.63*	
22 11 16 00-0334	EA	2-1/2" x 3/4" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	100.29	42.01
		For Work In Restricted Working Space, Add	*18.92*	
22 11 16 00-0335	EA	2-1/2" x 1" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	102.28	43.39
		For Work In Restricted Working Space, Add	*19.51*	
22 11 16 00-0336	EA	2-1/2" x 1-1/4" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	104.81	44.99
		For Work In Restricted Working Space, Add	*20.27*	
22 11 16 00-0337	EA	2-1/2" x 1-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	106.88	46.94
		For Work In Restricted Working Space, Add	*21.10*	
22 11 16 00-0338	EA	2-1/2" x 2" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	109.32	51.30
		For Work In Restricted Working Space, Add	*23.08*	
22 11 16 00-0339	EA	3" x 3/4" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	126.70	51.65
		For Work In Restricted Working Space, Add	*23.26*	
22 11 16 00-0340	EA	3" x 1" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	128.70	53.02
		For Work In Restricted Working Space, Add	*23.86*	
22 11 16 00-0341	EA	3" x 1-1/4" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	131.22	54.74
		For Work In Restricted Working Space, Add	*24.62*	
22 11 16 00-0342	EA	3" x 1-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	133.03	56.58
		For Work In Restricted Working Space, Add	*25.45*	
22 11 16 00-0343	EA	3" x 2" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	135.13	60.94
		For Work In Restricted Working Space, Add	*27.43*	
22 11 16 00-0344	EA	3" x 2-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	152.55	70.93
		For Work In Restricted Working Space, Add	*31.89*	
22 11 16 00-0345	EA	4" x 3/4" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	185.07	54.65
		For Work In Restricted Working Space, Add	*24.61*	
22 11 16 00-0346	EA	4" x 1" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	187.01	55.99
		For Work In Restricted Working Space, Add	*25.19*	
22 11 16 00-0347	EA	4" x 1-1/4" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	189.48	57.67
		For Work In Restricted Working Space, Add	*25.94*	
22 11 16 00-0348	EA	4" x 1-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	192.18	59.47
		For Work In Restricted Working Space, Add	*26.75*	
22 11 16 00-0349	EA	4" x 2" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	186.49	63.72
		For Work In Restricted Working Space, Add	*28.68*	
22 11 16 00-0350	EA	4" x 2-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	213.14	73.46
		For Work In Restricted Working Space, Add	*33.03*	
22 11 16 00-0351	EA	4" x 3" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	220.48	82.86
		For Work In Restricted Working Space, Add	*37.28*	
22 11 16 00-0352		**Galvanized Malleable Iron Floor Flange** *(22 11 16 00-0013)*		
		Note: Excludes fasteners to floor or wall. See CSI section 05 05 19 00-0001 for anchors.		
22 11 16 00-0353	EA	1/2" Diameter, 150 Lb., Galvanized Malleable Iron Floor Flange	70.97	41.94
22 11 16 00-0354	EA	3/4" Diameter, 150 Lb., Galvanized Malleable Iron Floor Flange	77.56	45.91
22 11 16 00-0355	EA	1" Diameter, 150 Lb., Galvanized Malleable Iron Floor Flange	89.11	51.87
22 11 16 00-0356	EA	1-1/4" Diameter, 150 Lb., Galvanized Malleable Iron Floor Flange	92.63	53.72
22 11 16 00-0357	EA	1-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Floor Flange	100.81	58.42
22 11 16 00-0358	EA	2" Diameter, 150 Lb., Galvanized Malleable Iron Floor Flange	108.64	60.94
22 11 16 00-0359		**Galvanized Cast Iron Flanges** *(22 11 16 00-0013)*		
		Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0619 for Class 150 steel bolt and gasket set.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0360	EA	3/4" Diameter, 125 Lb., Galvanized Cast Iron Flange	136.74	45.91
		For Work In Restricted Working Space, Add	*20.66*	
22 11 16 00-0361	EA	1" Diameter, 125 Lb., Galvanized Cast Iron Flange	130.36	51.87
		For Work In Restricted Working Space, Add	*23.34*	
22 11 16 00-0362	EA	1-1/4" Diameter, 125 Lb., Galvanized Cast Iron Flange	108.31	53.72
		For Work In Restricted Working Space, Add	*24.16*	
22 11 16 00-0363	EA	1-1/2" Diameter, 125 Lb., Galvanized Cast Iron Flange	128.64	58.42
		For Work In Restricted Working Space, Add	*26.29*	
22 11 16 00-0364	EA	2" Diameter, 125 Lb., Galvanized Cast Iron Flange	145.72	60.94
		For Work In Restricted Working Space, Add	*27.43*	
22 11 16 00-0365	EA	2-1/2" Diameter, 125 Lb., Galvanized Cast Iron Flange	169.27	70.58
		For Work In Restricted Working Space, Add	*31.73*	
22 11 16 00-0366	EA	3" Diameter, 125 Lb., Galvanized Cast Iron Flange	305.70	89.52
		For Work In Restricted Working Space, Add	*40.26*	
22 11 16 00-0367	EA	4" Diameter, 125 Lb., Galvanized Cast Iron Flange	412.70	119.49
		For Work In Restricted Working Space, Add	*53.74*	
22 11 16 00-0368	EA	5" Diameter, 125 Lb., Galvanized Cast Iron Flange	579.94	142.22
		For Work In Restricted Working Space, Add	*63.97*	
22 11 16 00-0369	EA	6" Diameter, 125 Lb., Galvanized Cast Iron Flange	636.91	163.38
		For Work In Restricted Working Space, Add	*73.49*	
22 11 16 00-0370	EA	8" Diameter, 125 Lb., Galvanized Cast Iron Flange	586.39	186.73
		For Work In Restricted Working Space, Add	*83.99*	

22 11 16 00-0371 Galvanized Malleable Iron Welded Plain End Half Coupling *(22 11 16 00-0013)*

Note: Threaded Female x Butt Weld Straight Adapter

22 11 16 00-0372	EA	1/2", 3,000 Lb., Galvanzied Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	65.06	41.65
		For 300 Lb. Rating, Add	*12.55*	
		For Work In Restricted Working Space, Add	*18.74*	
		For ASTM 120, Deduct	*-0.39*	
22 11 16 00-0373	EA	3/4", 3,000 Lb., Galvanzied Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	76.33	48.40
		For 300 Lb. Rating, Add	*17.04*	
		For Work In Restricted Working Space, Add	*21.78*	
		For ASTM 120, Deduct	*-0.56*	
22 11 16 00-0374	EA	1", 3,000 Lb., Galvanzied Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	82.71	51.78
		For 300 Lb. Rating, Add	*22.03*	
		For Work In Restricted Working Space, Add	*23.28*	
		For ASTM 120, Deduct	*-0.77*	
22 11 16 00-0375	EA	1-1/4", 3,000 Lb., Galvanzied Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	97.55	58.87
		For 300 Lb. Rating, Add	*36.75*	
		For Work In Restricted Working Space, Add	*26.49*	
		For ASTM 120, Deduct	*-1.39*	
22 11 16 00-0376	EA	1-1/2", 3,000 Lb., Galvanzied Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	108.63	64.22
		For 300 Lb. Rating, Add	*47.60*	
		For Work In Restricted Working Space, Add	*28.90*	
		For ASTM 120, Deduct	*-1.85*	
22 11 16 00-0377	EA	2", 3,000 Lb., Galvanzied Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	141.04	83.07
		For 300 Lb. Rating, Add	*63.74*	
		For Work In Restricted Working Space, Add	*37.35*	
		For ASTM 120, Deduct	*-2.48*	

22 11 16 00-0378 Copper Pipe And Fittings *(22 11 16)*

Note: Excludes hangers. See CSI section 22 11 16 00-0909 for pipe with fittings assembly.

22 11 16 00-0379 Copper Tube/Pipe *(22 11 16 00-0378)*

Note: Pipe based on inside diameter size. Excludes hangers and fittings (couplers, tees, elbows, etc).

22 11 16 00-0380 Hard Drawn Type L Copper Tube/Pipe *(22 11 16 00-0379)*

22 11 16 00-0381	LF	1/4" Diameter, Hard Drawn Type L Copper Tube/Pipe	6.54	2.81
		For Up To 20, Add	*0.71*	
		For >200, Deduct	*-0.23*	
		For Work In Restricted Working Space, Add	*1.26*	
		For Medical/Oxygen Service Tubing, Add	*0.19*	
22 11 16 00-0382	LF	3/8" Diameter, Hard Drawn Type L Copper Tube/Pipe	7.80	2.92
		For Up To 20, Add	*0.87*	
		For >200, Deduct	*-0.34*	
		For Work In Restricted Working Space, Add	*1.31*	
		For Medical/Oxygen Service Tubing, Add	*0.27*	
22 11 16 00-0383	LF	1/2" Diameter, Hard Drawn Type L Copper Tube/Pipe	8.65	3.04
		For Up To 20, Add	*0.97*	
		For >200, Deduct	*-0.41*	
		For Work In Restricted Working Space, Add	*1.37*	
		For Medical/Oxygen Service Tubing, Add	*0.33*	
22 11 16 00-0384	LF	3/4" Diameter, Hard Drawn Type L Copper Tube/Pipe	11.46	3.23
		For Up To 20, Add	*1.31*	
		For >200, Deduct	*-0.66*	
		For Work In Restricted Working Space, Add	*1.45*	
		For Medical/Oxygen Service Tubing, Add	*0.53*	
22 11 16 00-0385	LF	1" Diameter, Hard Drawn Type L Copper Tube/Pipe	15.02	3.62
		For Up To 20, Add	*1.74*	
		For >200, Deduct	*-0.96*	
		For Work In Restricted Working Space, Add	*1.63*	
		For Medical/Oxygen Service Tubing, Add	*0.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0386	LF	1-1/4" Diameter, Hard Drawn Type L Copper Tube/Pipe	21.28	5.39
		For Up To 20, Add	*2.46*	
		For >200, Deduct	*-1.32*	
		For Work In Restricted Working Space, Add	*2.42*	
		For Medical/Oxygen Service Tubing, Add	*1.06*	
22 11 16 00-0387	LF	1-1/2" Diameter, Hard Drawn Type L Copper Tube/Pipe	26.01	6.02
		For Up To 20, Add	*3.03*	
		For >200, Deduct	*-1.70*	
		For Work In Restricted Working Space, Add	*2.71*	
		For Medical/Oxygen Service Tubing, Add	*1.36*	
22 11 16 00-0388	LF	2" Diameter, Hard Drawn Type L Copper Tube/Pipe	38.01	7.43
		For Up To 20, Add	*4.47*	
		For >200, Deduct	*-2.69*	
		For Work In Restricted Working Space, Add	*3.34*	
		For Medical/Oxygen Service Tubing, Add	*2.15*	
22 11 16 00-0389	LF	2-1/2" Diameter, Hard Drawn Type L Copper Tube/Pipe	65.07	8.73
		For Up To 20, Add	*7.48*	
		For >200, Deduct	*-3.88*	
		For Work In Restricted Working Space, Add	*7.87*	
		For Medical/Oxygen Service Tubing, Add	*3.11*	
22 11 16 00-0390	LF	3" Diameter, Hard Drawn Type L Copper Tube/Pipe	82.65	10.29
		For Up To 20, Add	*9.56*	
		For >200, Deduct	*-5.18*	
		For Work In Restricted Working Space, Add	*9.26*	
		For Medical/Oxygen Service Tubing, Add	*4.14*	
22 11 16 00-0391	LF	4" Diameter, Hard Drawn Type L Copper Tube/Pipe	127.12	11.62
		For Up To 20, Add	*15.02*	
		For >200, Deduct	*-9.23*	
		For Work In Restricted Working Space, Add	*10.45*	
		For Medical/Oxygen Service Tubing, Add	*7.38*	
22 11 16 00-0392	LF	5" Diameter, Hard Drawn Type L Copper Tube/Pipe	203.03	13.34
		For Up To 20, Add	*24.38*	
		For >200, Deduct	*-16.30*	
		For Work In Restricted Working Space, Add	*12.00*	
		For Medical/Oxygen Service Tubing, Add	*13.04*	
22 11 16 00-0393	LF	6" Diameter, Hard Drawn Type L Copper Tube/Pipe	276.47	20.67
		For Up To 20, Add	*33.01*	
		For >200, Deduct	*-21.45*	
		For Work In Restricted Working Space, Add	*18.59*	
		For Medical/Oxygen Service Tubing, Add	*17.16*	
22 11 16 00-0394	LF	8" Diameter, Hard Drawn Type L Copper Tube/Pipe	473.13	22.98
		For Up To 20, Add	*57.42*	
		For >200, Deduct	*-40.42*	
		For Work In Restricted Working Space, Add	*20.67*	
		For Medical/Oxygen Service Tubing, Add	*32.34*	
22 11 16 00-0395		Hard Drawn Type K Copper Tube/Pipe *(22 11 16 00-0379)*		
22 11 16 00-0396	LF	1/4" Diameter, Hard Drawn Type K Copper Tube/Pipe	7.15	3.02
		For Up To 20, Add	*0.78*	
		For >200, Deduct	*-0.26*	
		For Work In Restricted Working Space, Add	*1.36*	
		For Medical/Oxygen Service Tubing, Add	*0.21*	
22 11 16 00-0397	LF	3/8" Diameter, Hard Drawn Type K Copper Tube/Pipe	9.88	3.14
		For Up To 20, Add	*1.11*	
		For >200, Deduct	*-0.47*	
		For Work In Restricted Working Space, Add	*1.55*	
		For Medical/Oxygen Service Tubing, Add	*0.38*	
22 11 16 00-0398	LF	1/2" Diameter, Hard Drawn Type K Copper Tube/Pipe	10.58	3.26
		For Up To 20, Add	*1.20*	
		For >200, Deduct	*-0.55*	
		For Work In Restricted Working Space, Add	*1.51*	
		For Medical/Oxygen Service Tubing, Add	*0.44*	
22 11 16 00-0399	LF	3/4" Diameter, Hard Drawn Type K Copper Tube/Pipe	15.83	3.46
		For Up To 20, Add	*1.83*	
		For >200, Deduct	*-1.00*	
		For Work In Restricted Working Space, Add	*1.75*	
		For Medical/Oxygen Service Tubing, Add	*0.80*	
22 11 16 00-0400	LF	1" Diameter, Hard Drawn Type K Copper Tube/Pipe	19.48	3.90
		For Up To 20, Add	*2.28*	
		For >200, Deduct	*-1.33*	
		For Work In Restricted Working Space, Add	*1.86*	
		For Medical/Oxygen Service Tubing, Add	*1.06*	
22 11 16 00-0401	LF	1-1/4" Diameter, Hard Drawn Type K Copper Tube/Pipe	25.32	5.80
		For Up To 20, Add	*2.95*	
		For >200, Deduct	*-1.65*	
		For Work In Restricted Working Space, Add	*2.64*	
		For Medical/Oxygen Service Tubing, Add	*1.32*	
22 11 16 00-0402	LF	1-1/2" Diameter, Hard Drawn Type K Copper Tube/Pipe	31.06	6.47
		For Up To 20, Add	*3.64*	
		For >200, Deduct	*-2.12*	
		For Work In Restricted Working Space, Add	*2.97*	
		For Medical/Oxygen Service Tubing, Add	*1.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0403	LF	2" Diameter, Hard Drawn Type K Copper Tube/Pipe	44.66	7.99
		For Up To 20, Add	*5.28*	
		For >200, Deduct	*-3.25*	
		For Work In Restricted Working Space, Add	*3.64*	
		For Medical/Oxygen Service Tubing, Add	*2.60*	
22 11 16 00-0404	LF	2-1/2" Diameter, Hard Drawn Type K Copper Tube/Pipe	74.84	9.38
		For Up To 20, Add	*8.70*	
		For >200, Deduct	*-4.85*	
		For Work In Restricted Working Space, Add	*7.91*	
		For Medical/Oxygen Service Tubing, Add	*3.88*	
22 11 16 00-0405	LF	3" Diameter, Hard Drawn Type K Copper Tube/Pipe	100.24	11.07
		For Up To 20, Add	*11.68*	
		For >200, Deduct	*-6.63*	
		For Work In Restricted Working Space, Add	*10.19*	
		For Medical/Oxygen Service Tubing, Add	*5.30*	
22 11 16 00-0406	LF	4" Diameter, Hard Drawn Type K Copper Tube/Pipe	156.62	12.48
		For Up To 20, Add	*18.62*	
		For >200, Deduct	*-11.81*	
		For Work In Restricted Working Space, Add	*11.54*	
		For Medical/Oxygen Service Tubing, Add	*9.45*	
22 11 16 00-0407	LF	5" Diameter, Hard Drawn Type K Copper Tube/Pipe	261.91	14.34
		For Up To 20, Add	*31.60*	
		For >200, Deduct	*-21.65*	
		For Work In Restricted Working Space, Add	*13.63*	
		For Medical/Oxygen Service Tubing, Add	*17.32*	
22 11 16 00-0408	LF	6" Diameter, Hard Drawn Type K Copper Tube/Pipe	383.85	22.22
		For Up To 20, Add	*46.15*	
		For >200, Deduct	*-31.06*	
		For Work In Restricted Working Space, Add	*21.97*	
		For Medical/Oxygen Service Tubing, Add	*24.85*	
22 11 16 00-0409	LF	8" Diameter, Hard Drawn Type K Copper Tube/Pipe	662.35	24.70
		For Up To 20, Add	*80.78*	
		For >200, Deduct	*-58.17*	
		For Work In Restricted Working Space, Add	*24.20*	
		For Medical/Oxygen Service Tubing, Add	*46.53*	
22 11 16 00-0410		**Hard Drawn Type M Copper Tube/Pipe** *(22 11 16 00-0379)*		
22 11 16 00-0411	LF	3/8" Diameter, Hard Drawn Type M Copper Tube/Pipe	6.45	2.63
		For Up To 20, Add	*0.71*	
		For >200, Deduct	*-0.27*	
		For Work In Restricted Working Space, Add	*1.14*	
22 11 16 00-0412	LF	1/2" Diameter, Hard Drawn Type M Copper Tube/Pipe	6.91	2.74
		For Up To 20, Add	*0.77*	
		For >200, Deduct	*-0.30*	
		For Work In Restricted Working Space, Add	*1.17*	
22 11 16 00-0413	LF	3/4" Diameter, Hard Drawn Type M Copper Tube/Pipe	9.02	2.91
		For Up To 20, Add	*1.02*	
		For >200, Deduct	*-0.49*	
		For Work In Restricted Working Space, Add	*1.25*	
22 11 16 00-0414	LF	1" Diameter, Hard Drawn Type M Copper Tube/Pipe	12.13	3.26
		For Up To 20, Add	*1.40*	
		For >200, Deduct	*-0.75*	
		For Work In Restricted Working Space, Add	*1.40*	
22 11 16 00-0415	LF	1-1/4" Diameter, Hard Drawn Type M Copper Tube/Pipe	18.07	4.86
		For Up To 20, Add	*2.08*	
		For >200, Deduct	*-1.09*	
		For Work In Restricted Working Space, Add	*2.15*	
22 11 16 00-0416	LF	1-1/2" Diameter, Hard Drawn Type M Copper Tube/Pipe	23.25	5.42
		For Up To 20, Add	*2.70*	
		For >200, Deduct	*-1.50*	
		For Work In Restricted Working Space, Add	*2.47*	
22 11 16 00-0417	LF	2" Diameter, Hard Drawn Type M Copper Tube/Pipe	33.85	6.68
		For Up To 20, Add	*3.98*	
		For >200, Deduct	*-2.37*	
		For Work In Restricted Working Space, Add	*3.06*	
22 11 16 00-0418	LF	2-1/2" Diameter, Hard Drawn Type M Copper Tube/Pipe	59.10	7.86
		For Up To 20, Add	*6.77*	
		For >200, Deduct	*-3.43*	
		For Work In Restricted Working Space, Add	*7.44*	
22 11 16 00-0419	LF	3" Diameter, Hard Drawn Type M Copper Tube/Pipe	73.47	9.26
		For Up To 20, Add	*8.49*	
		For >200, Deduct	*-4.56*	
		For Work In Restricted Working Space, Add	*8.35*	
22 11 16 00-0420	LF	4" Diameter, Hard Drawn Type M Copper Tube/Pipe	117.94	10.45
		For Up To 20, Add	*13.93*	
		For >200, Deduct	*-8.55*	
		For Work In Restricted Working Space, Add	*9.75*	
22 11 16 00-0421	LF	5" Diameter, Hard Drawn Type M Copper Tube/Pipe	203.39	12.00
		For Up To 20, Add	*24.49*	
		For >200, Deduct	*-16.59*	
		For Work In Restricted Working Space, Add	*11.25*	
22 11 16 00-0422	LF	6" Diameter, Hard Drawn Type M Copper Tube/Pipe	279.70	18.61
		For Up To 20, Add	*33.51*	
		For >200, Deduct	*-22.16*	
		For Work In Restricted Working Space, Add	*17.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0423	LF	8" Diameter, Hard Drawn Type M Copper Tube/Pipe	483.87	20.68
		For Up To 20, Add	*58.89*	
		For >200, Deduct	*-42.00*	
		For Work In Restricted Working Space, Add	*19.17*	

22 11 16 00-0424 Soft Drawn Type L Copper Tube *(22 11 16 00-0379)*

22 11 16 00-0425	LF	1/4" Diameter, Soft Drawn Type L Copper Tube	7.21	2.81
		For Up To 20, Add	*0.80*	
		For >200, Deduct	*-0.30*	
		For Work In Restricted Working Space, Add	*1.26*	
22 11 16 00-0426	LF	3/8" Diameter, Soft Drawn Type L Copper Tube	9.06	2.92
		For Up To 20, Add	*1.02*	
		For >200, Deduct	*-0.47*	
		For Work In Restricted Working Space, Add	*1.31*	
22 11 16 00-0427	LF	1/2" Diameter, Soft Drawn Type L Copper Tube	10.85	3.04
		For Up To 20, Add	*1.24*	
		For >200, Deduct	*-0.63*	
		For Work In Restricted Working Space, Add	*1.37*	
22 11 16 00-0428	LF	5/8" Diameter, Soft Drawn Type L Copper Tube	12.76	3.14
		For Up To 20, Add	*1.48*	
		For >200, Deduct	*-0.81*	
		For Work In Restricted Working Space, Add	*1.41*	
22 11 16 00-0429	LF	3/4" Diameter, Soft Drawn Type L Copper Tube	14.46	3.23
		For Up To 20, Add	*1.69*	
		For >200, Deduct	*-0.96*	
		For Work In Restricted Working Space, Add	*1.45*	
22 11 16 00-0430	LF	1" Diameter, Soft Drawn Type L Copper Tube	18.76	3.62
		For Up To 20, Add	*2.21*	
		For >200, Deduct	*-1.33*	
		For Work In Restricted Working Space, Add	*1.63*	
22 11 16 00-0431	LF	1-1/4" Diameter, Soft Drawn Type L Copper Tube	25.62	5.39
		For Up To 20, Add	*3.00*	
		For >200, Deduct	*-1.75*	
		For Work In Restricted Working Space, Add	*2.42*	
22 11 16 00-0432	LF	1-1/2" Diameter, Soft Drawn Type L Copper Tube	32.79	6.02
		For Up To 20, Add	*3.87*	
		For >200, Deduct	*-2.38*	
		For Work In Restricted Working Space, Add	*2.71*	
22 11 16 00-0433	LF	2" Diameter, Soft Drawn Type L Copper Tube	48.93	7.43
		For Up To 20, Add	*5.84*	
		For >200, Deduct	*-3.78*	
		For Work In Restricted Working Space, Add	*3.34*	

22 11 16 00-0434 Soft Drawn Type K Copper Tube *(22 11 16 00-0379)*

22 11 16 00-0435	LF	1/4" Diameter, Soft Drawn Type K Copper Tube	7.52	2.81
		For Up To 20, Add	*0.84*	
		For >200, Deduct	*-0.33*	
		For Work In Restricted Working Space, Add	*1.26*	
22 11 16 00-0436	LF	3/8" Diameter, Soft Drawn Type K Copper Tube	10.04	2.92
		For Up To 20, Add	*1.15*	
		For >200, Deduct	*-0.57*	
		For Work In Restricted Working Space, Add	*1.31*	
22 11 16 00-0437	LF	1/2" Diameter, Soft Drawn Type K Copper Tube	11.66	3.04
		For Up To 20, Add	*1.34*	
		For >200, Deduct	*-0.71*	
		For Work In Restricted Working Space, Add	*1.37*	
22 11 16 00-0438	LF	5/8" Diameter, Soft Drawn Type K Copper Tube	13.16	3.14
		For Up To 20, Add	*1.53*	
		For >200, Deduct	*-0.85*	
		For Work In Restricted Working Space, Add	*1.41*	
22 11 16 00-0439	LF	3/4" Diameter, Soft Drawn Type K Copper Tube	17.96	3.23
		For Up To 20, Add	*2.12*	
		For >200, Deduct	*-1.31*	
		For Work In Restricted Working Space, Add	*1.45*	
22 11 16 00-0440	LF	1" Diameter, Soft Drawn Type K Copper Tube	22.86	3.62
		For Up To 20, Add	*2.72*	
		For >200, Deduct	*-1.74*	
		For Work In Restricted Working Space, Add	*1.63*	
22 11 16 00-0441	LF	1-1/4" Diameter, Soft Drawn Type K Copper Tube	28.61	5.39
		For Up To 20, Add	*3.37*	
		For >200, Deduct	*-2.05*	
		For Work In Restricted Working Space, Add	*2.42*	
22 11 16 00-0442	LF	1-1/2" Diameter, Soft Drawn Type K Copper Tube	37.55	6.02
		For Up To 20, Add	*4.47*	
		For >200, Deduct	*-2.85*	
		For Work In Restricted Working Space, Add	*2.71*	
22 11 16 00-0443	LF	2" Diameter, Soft Drawn Type K Copper Tube	55.48	7.43
		For Up To 20, Add	*6.66*	
		For >200, Deduct	*-4.44*	
		For Work In Restricted Working Space, Add	*3.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0444	LF	2-1/2" Diameter, Soft Drawn Type K Copper Tube	79.87	8.91
		For Up To 20, Add	*9.65*	
		For >200, Deduct	*-6.65*	
		For Work In Restricted Working Space, Add	*4.01*	
22 11 16 00-0445	LF	3" Diameter, Soft Drawn Type K Copper Tube	108.30	10.52
		For Up To 20, Add	*13.14*	
		For >200, Deduct	*-9.25*	
		For Work In Restricted Working Space, Add	*4.73*	

22 11 16 00-0446 Copper And Brass Fittings *(22 11 16 00-0378)*

Note: All fittings are based on 95/5 solder.

22 11 16 00-0447 90 Degree Copper Elbows *(22 11 16 00-0446)*

22 11 16 00-0448	EA	1/4" Diameter, 90 Degree Copper Elbow	27.79	16.63
		For Street Fitting, Add	*1.14*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.74*	
		For Work In Restricted Working Space, Add	*7.48*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.64*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.88*	
22 11 16 00-0449	EA	3/8" Diameter, 90 Degree Copper Elbow	32.93	19.95
		For Street Fitting, Add	*1.21*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.49*	
		For Work In Restricted Working Space, Add	*8.97*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.14*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.64*	
22 11 16 00-0450	EA	1/2" Diameter, 90 Degree Copper Elbow	42.11	27.42
		For Street Fitting, Add	*0.39*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.17*	
		For Work In Restricted Working Space, Add	*12.34*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.16*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.22*	
22 11 16 00-0451	EA	3/4" Diameter, 90 Degree Copper Elbow	53.30	34.16
		For Street Fitting, Add	*0.88*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.67*	
		For Work In Restricted Working Space, Add	*15.33*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.22*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.78*	
22 11 16 00-0452	EA	1" Diameter, 90 Degree Copper Elbow	66.47	40.76
		For Street Fitting, Add	*2.16*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.16*	
		For Work In Restricted Working Space, Add	*18.32*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.38*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.43*	
22 11 16 00-0453	EA	1-1/4" Diameter, 90 Degree Copper Elbow	74.12	44.12
		For Street Fitting, Add	*3.22*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.91*	
		For Work In Restricted Working Space, Add	*19.82*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.01*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.31*	
22 11 16 00-0454	EA	1-1/2" Diameter, 90 Degree Copper Elbow	84.89	48.24
		For Street Fitting, Add	*5.04*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.84*	
		For Work In Restricted Working Space, Add	*21.69*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.86*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.47*	
22 11 16 00-0455	EA	2" Diameter, 90 Degree Copper Elbow	103.99	54.09
		For Street Fitting, Add	*9.19*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.15*	
		For Work In Restricted Working Space, Add	*24.30*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.25*	
		For Silver Solder Instead Of 95/5 Solder, Add	*13.30*	
22 11 16 00-0456	EA	2-1/2" Diameter, 90 Degree Copper Elbow	134.77	55.09
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.39*	
		For Work In Restricted Working Space, Add	*24.79*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.87*	
		For Silver Solder Instead Of 95/5 Solder, Add	*15.00*	
22 11 16 00-0457	EA	3" Diameter, 90 Degree Copper Elbow	172.23	65.88
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.81*	
		For Work In Restricted Working Space, Add	*29.61*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-13.55*	
		For Silver Solder Instead Of 95/5 Solder, Add	*18.48*	
22 11 16 00-0458	EA	4" Diameter, 90 Degree Copper Elbow	318.43	93.43
		For Brazed Fittings Instead Of 95/5 Solder, Add	*21.00*	
		For Work In Restricted Working Space, Add	*42.01*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-22.92*	
		For Silver Solder Instead Of 95/5 Solder, Add	*29.92*	
22 11 16 00-0459	EA	5" Diameter, 90 Degree Copper Elbow	939.09	127.86
		For Brazed Fittings Instead Of 95/5 Solder, Add	*28.75*	
		For Work In Restricted Working Space, Add	*57.50*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-56.54*	
		For Silver Solder Instead Of 95/5 Solder, Add	*66.12*	
22 11 16 00-0460	EA	6" Diameter, 90 Degree Copper Elbow	1,275.28	186.05
		For Brazed Fittings Instead Of 95/5 Solder, Add	*41.84*	
		For Work In Restricted Working Space, Add	*83.67*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-77.71*	
		For Silver Solder Instead Of 95/5 Solder, Add	*91.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0461	EA	8" Diameter, 90 Degree Copper Elbow	4,057.94	248.03
		For Brazed Fittings Instead Of 95/5 Solder, Add	*55.78*	
		For Work In Restricted Working Space, Add	*111.56*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-221.49*	
		For Silver Solder Instead Of 95/5 Solder, Add	*240.08*	
22 11 16 00-0462		**90 Degree Brass Elbows** *(22 11 16 00-0446)*		
22 11 16 00-0463	EA	1/2" Diameter, Drop Ear 90 Degree Brass Elbow	47.28	27.42
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.17*	
		For Work In Restricted Working Space, Add	*12.34*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.42*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.48*	
22 11 16 00-0464	EA	3/4" Diameter, Drop Ear 90 Degree Brass Elbow	69.04	34.16
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.67*	
		For Work In Restricted Working Space, Add	*15.33*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.01*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.56*	
22 11 16 00-0465	EA	1/2" Diameter, Flanged Sink 90 Degree Brass Elbow	52.35	27.42
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.17*	
		For Work In Restricted Working Space, Add	*12.34*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.67*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.73*	
22 11 16 00-0466	EA	3/8" Diameter, Drop Ear 90 Degree Brass Elbow, Solder X Threaded	39.11	19.95
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.49*	
		For Work In Restricted Working Space, Add	*8.97*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.45*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.95*	
22 11 16 00-0467	EA	1/2" Diameter, Drop Ear 90 Degree Brass Elbow, Solder X Threaded	47.72	27.42
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.17*	
		For Work In Restricted Working Space, Add	*12.34*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.44*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.50*	
22 11 16 00-0468	EA	3/4" Diameter, Drop Ear 90 Degree Brass Elbow, Solder X Threaded	62.70	34.16
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.67*	
		For Work In Restricted Working Space, Add	*15.33*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.69*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.25*	
22 11 16 00-0469	EA	1" Diameter, Drop Ear 90 Degree Brass Elbow, Solder X Threaded	98.10	40.76
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.16*	
		For Work In Restricted Working Space, Add	*18.32*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.96*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.01*	
22 11 16 00-0470		**Reducing 90 Degree Copper Elbows** *(22 11 16 00-0446)*		
22 11 16 00-0471	EA	1/2" Diameter, Reducing 90 Degree Copper Elbow	49.08	27.42
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.17*	
		For Work In Restricted Working Space, Add	*12.34*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.51*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.57*	
22 11 16 00-0472	EA	3/4" Diameter, Reducing 90 Degree Copper Elbow	56.74	34.16
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.67*	
		For Work In Restricted Working Space, Add	*15.33*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.39*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.95*	
22 11 16 00-0473	EA	1" Diameter, Reducing 90 Degree Copper Elbow	71.42	40.76
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.16*	
		For Work In Restricted Working Space, Add	*18.32*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.63*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.68*	
22 11 16 00-0474	EA	1-1/4" Diameter, Reducing 90 Degree Copper Elbow	92.41	44.12
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.91*	
		For Work In Restricted Working Space, Add	*19.82*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.92*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.23*	
22 11 16 00-0475	EA	1-1/2" Diameter, Reducing 90 Degree Copper Elbow	106.92	48.24
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.84*	
		For Work In Restricted Working Space, Add	*21.69*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.96*	
		For Silver Solder Instead Of 95/5 Solder, Add	*12.58*	
22 11 16 00-0476	EA	2" Diameter, Reducing 90 Degree Copper Elbow	127.61	54.09
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.15*	
		For Work In Restricted Working Space, Add	*24.30*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.43*	
		For Silver Solder Instead Of 95/5 Solder, Add	*14.48*	
22 11 16 00-0477		**45 Degree Copper Elbows** *(22 11 16 00-0446)*		
22 11 16 00-0478	EA	1/4" Diameter, 45 Degree Copper Elbow	30.27	16.63
		For Street Fitting, Add	*2.14*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.74*	
		For Work In Restricted Working Space, Add	*7.48*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.76*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0479	EA	3/8" Diameter, 45 Degree Copper Elbow	34.48	19.95
		For Street Fitting, Add	*1.83*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.49*	
		For Work In Restricted Working Space, Add	*8.97*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.22*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.72*	
22 11 16 00-0480	EA	1/2" Diameter, 45 Degree Copper Elbow	42.93	27.42
		For Street Fitting, Add	*0.72*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.17*	
		For Work In Restricted Working Space, Add	*12.34*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.20*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.26*	
22 11 16 00-0481	EA	3/4" Diameter, 45 Degree Copper Elbow	54.18	34.16
		For Street Fitting, Add	*1.23*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.67*	
		For Work In Restricted Working Space, Add	*15.33*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.26*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.82*	
22 11 16 00-0482	EA	1" Diameter, 45 Degree Copper Elbow	68.76	40.76
		For Street Fitting, Add	*3.07*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.16*	
		For Work In Restricted Working Space, Add	*18.32*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.49*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.55*	
22 11 16 00-0483	EA	1-1/4" Diameter, 45 Degree Copper Elbow	76.46	44.12
		For Street Fitting, Add	*4.16*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.91*	
		For Work In Restricted Working Space, Add	*19.82*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.13*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.43*	
22 11 16 00-0484	EA	1-1/2" Diameter, 45 Degree Copper Elbow	85.06	48.24
		For Street Fitting, Add	*5.11*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.84*	
		For Work In Restricted Working Space, Add	*21.69*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.87*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.48*	
22 11 16 00-0485	EA	2" Diameter, 45 Degree Copper Elbow	102.30	54.09
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.15*	
		For Work In Restricted Working Space, Add	*24.30*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.17*	
		For Silver Solder Instead Of 95/5 Solder, Add	*13.22*	
22 11 16 00-0486	EA	2-1/2" Diameter, 45 Degree Copper Elbow	134.14	55.09
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.39*	
		For Work In Restricted Working Space, Add	*24.79*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.84*	
		For Silver Solder Instead Of 95/5 Solder, Add	*14.97*	
22 11 16 00-0487	EA	3" Diameter, 45 Degree Copper Elbow	175.13	65.88
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.81*	
		For Work In Restricted Working Space, Add	*29.61*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-13.69*	
		For Silver Solder Instead Of 95/5 Solder, Add	*18.63*	
22 11 16 00-0488	EA	4" Diameter, 45 Degree Copper Elbow	303.00	93.43
		For Brazed Fittings Instead Of 95/5 Solder, Add	*21.00*	
		For Work In Restricted Working Space, Add	*42.01*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-22.15*	
		For Silver Solder Instead Of 95/5 Solder, Add	*29.15*	
22 11 16 00-0489	EA	5" Diameter, 45 Degree Copper Elbow	822.84	127.86
		For Brazed Fittings Instead Of 95/5 Solder, Add	*28.75*	
		For Work In Restricted Working Space, Add	*57.50*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-50.73*	
		For Silver Solder Instead Of 95/5 Solder, Add	*60.31*	
22 11 16 00-0490	EA	6" Diameter, 45 Degree Copper Elbow	1,273.58	186.05
		For Brazed Fittings Instead Of 95/5 Solder, Add	*41.84*	
		For Work In Restricted Working Space, Add	*83.67*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-77.62*	
		For Silver Solder Instead Of 95/5 Solder, Add	*91.57*	
22 11 16 00-0491	EA	8" Diameter, 45 Degree Copper Elbow	3,751.72	248.03
		For Brazed Fittings Instead Of 95/5 Solder, Add	*55.78*	
		For Work In Restricted Working Space, Add	*111.56*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-206.18*	
		For Silver Solder Instead Of 95/5 Solder, Add	*224.77*	
22 11 16 00-0492		**Straight Copper And Brass Tees** *(22 11 16 00-0446)*		
22 11 16 00-0493	EA	1/4" Diameter, Straight Copper Tee	43.39	24.93
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.61*	
		For Work In Restricted Working Space, Add	*11.22*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.04*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.91*	
22 11 16 00-0494	EA	3/8" Diameter, Straight Copper Tee	49.70	29.91
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.73*	
		For Work In Restricted Working Space, Add	*13.46*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.73*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0495	EA	1/2" Diameter, Straight Copper Tee	64.02	41.63
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.35*	
		For Work In Restricted Working Space, Add	*18.70*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.32*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.43*	
22 11 16 00-0496	EA	3/4" Diameter, Straight Copper Tee	81.31	51.60
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.59*	
		For Work In Restricted Working Space, Add	*23.18*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.93*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.79*	
22 11 16 00-0497	EA	1" Diameter, Straight Copper Tee	104.35	61.57
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.84*	
		For Work In Restricted Working Space, Add	*27.67*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.83*	
		For Silver Solder Instead Of 95/5 Solder, Add	*14.44*	
22 11 16 00-0498	EA	1-1/4" Diameter, Straight Copper Tee	116.59	66.56
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.96*	
		For Work In Restricted Working Space, Add	*29.91*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.82*	
		For Silver Solder Instead Of 95/5 Solder, Add	*15.80*	
22 11 16 00-0499	EA	1-1/2" Diameter, Straight Copper Tee	133.97	72.29
		For Brazed Fittings Instead Of 95/5 Solder, Add	*16.27*	
		For Work In Restricted Working Space, Add	*32.53*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-12.12*	
		For Silver Solder Instead Of 95/5 Solder, Add	*17.54*	
22 11 16 00-0500	EA	2" Diameter, Straight Copper Tee	162.74	81.52
		For Brazed Fittings Instead Of 95/5 Solder, Add	*18.32*	
		For Work In Restricted Working Space, Add	*36.65*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-14.24*	
		For Silver Solder Instead Of 95/5 Solder, Add	*20.35*	
22 11 16 00-0501	EA	2-1/2" Diameter, Straight Copper Tee	216.89	82.63
		For Brazed Fittings Instead Of 95/5 Solder, Add	*18.59*	
		For Work In Restricted Working Space, Add	*37.19*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-17.04*	
		For Silver Solder Instead Of 95/5 Solder, Add	*23.24*	
22 11 16 00-0502	EA	3" Diameter, Straight Copper Tee	291.19	99.51
		For Brazed Fittings Instead Of 95/5 Solder, Add	*22.38*	
		For Work In Restricted Working Space, Add	*44.76*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-22.02*	
		For Silver Solder Instead Of 95/5 Solder, Add	*29.48*	
22 11 16 00-0503	EA	4" Diameter, Straight Copper Tee	552.54	139.34
		For Brazed Fittings Instead Of 95/5 Solder, Add	*31.33*	
		For Work In Restricted Working Space, Add	*62.66*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-38.07*	
		For Silver Solder Instead Of 95/5 Solder, Add	*48.52*	
22 11 16 00-0504	EA	5" Diameter, Straight Copper Tee	1,409.19	190.64
		For Brazed Fittings Instead Of 95/5 Solder, Add	*42.87*	
		For Work In Restricted Working Space, Add	*85.73*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-84.75*	
		For Silver Solder Instead Of 95/5 Solder, Add	*99.04*	
22 11 16 00-0505	EA	6" Diameter, Straight Copper Tee	1,954.60	279.47
		For Brazed Fittings Instead Of 95/5 Solder, Add	*62.84*	
		For Work In Restricted Working Space, Add	*125.68*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-118.68*	
		For Silver Solder Instead Of 95/5 Solder, Add	*139.62*	
22 11 16 00-0506	EA	8" Diameter, Straight Copper Tee	6,481.61	372.09
		For Brazed Fittings Instead Of 95/5 Solder, Add	*83.67*	
		For Work In Restricted Working Space, Add	*167.34*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-351.97*	
		For Silver Solder Instead Of 95/5 Solder, Add	*379.86*	
22 11 16 00-0507	EA	1/2" Diameter, Cast Bronze Drop Ear Tee	72.70	41.63
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.35*	
		For Work In Restricted Working Space, Add	*18.70*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.75*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.87*	
22 11 16 00-0508		Reducing Copper Tees *(22 11 16 00-0446)*		
22 11 16 00-0509	EA	3/8" Diameter, Reducing Copper Tee	49.41	26.55
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.98*	
		For Work In Restricted Working Space, Add	*11.96*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.46*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.46*	
22 11 16 00-0510	EA	1/2" Diameter, Reducing Copper Tee	64.47	37.40
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.41*	
		For Work In Restricted Working Space, Add	*16.83*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.03*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.83*	
22 11 16 00-0511	EA	3/4" Diameter, Reducing Copper Tee	76.56	48.24
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.84*	
		For Work In Restricted Working Space, Add	*21.69*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.44*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0512	EA	1" Diameter, Reducing Copper Tee	100.83	58.21
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.09*	
		For Work In Restricted Working Space, Add	*26.18*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.40*	
		For Silver Solder Instead Of 95/5 Solder, Add	*13.77*	
22 11 16 00-0513	EA	1-1/4" Diameter, Reducing Copper Tee	115.34	63.19
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.21*	
		For Work In Restricted Working Space, Add	*28.42*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.50*	
		For Silver Solder Instead Of 95/5 Solder, Add	*15.24*	
22 11 16 00-0514	EA	1-1/2" Diameter, Reducing Copper Tee	132.59	69.05
		For Brazed Fittings Instead Of 95/5 Solder, Add	*15.52*	
		For Work In Restricted Working Space, Add	*31.04*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-11.80*	
		For Silver Solder Instead Of 95/5 Solder, Add	*16.98*	
22 11 16 00-0515	EA	2" Diameter, Reducing Copper Tee	158.03	77.28
		For Brazed Fittings Instead Of 95/5 Solder, Add	*17.39*	
		For Work In Restricted Working Space, Add	*34.78*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-13.70*	
		For Silver Solder Instead Of 95/5 Solder, Add	*19.49*	
22 11 16 00-0516	EA	2-1/2" Diameter, Reducing Copper Tee	221.17	79.65
		For Brazed Fittings Instead Of 95/5 Solder, Add	*17.90*	
		For Work In Restricted Working Space, Add	*35.81*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-17.03*	
		For Silver Solder Instead Of 95/5 Solder, Add	*22.99*	
22 11 16 00-0517	EA	3" Diameter, Reducing Copper Tee	304.93	91.81
		For Brazed Fittings Instead Of 95/5 Solder, Add	*20.66*	
		For Work In Restricted Working Space, Add	*41.32*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-22.13*	
		For Silver Solder Instead Of 95/5 Solder, Add	*29.02*	
22 11 16 00-0518	EA	4" Diameter, Reducing Copper Tee	521.84	113.28
		For Brazed Fittings Instead Of 95/5 Solder, Add	*25.48*	
		For Work In Restricted Working Space, Add	*50.96*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-34.59*	
		For Silver Solder Instead Of 95/5 Solder, Add	*43.08*	
22 11 16 00-0519		**Copper Couplings** *(22 11 16 00-0446)*		
22 11 16 00-0520	EA	1/4" Diameter, Copper Coupling	21.26	13.84
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.10*	
		For Work In Restricted Working Space, Add	*6.21*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.10*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.13*	
22 11 16 00-0521	EA	3/8" Diameter, Copper Coupling	25.59	16.58
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.72*	
		For Work In Restricted Working Space, Add	*7.45*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.52*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.76*	
22 11 16 00-0522	EA	1/2" Diameter, Copper Coupling	34.77	22.68
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.12*	
		For Work In Restricted Working Space, Add	*10.24*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.45*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.15*	
22 11 16 00-0523	EA	3/4" Diameter, Copper Coupling	43.70	28.29
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.36*	
		For Work In Restricted Working Space, Add	*12.73*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.31*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.43*	
22 11 16 00-0524	EA	1" Diameter, Copper Coupling	53.22	33.77
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.60*	
		For Work In Restricted Working Space, Add	*15.21*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.20*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.73*	
22 11 16 00-0525	EA	1-1/4" Diameter, Copper Coupling	59.29	36.52
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.22*	
		For Work In Restricted Working Space, Add	*16.45*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.71*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.45*	
22 11 16 00-0526	EA	1-1/2" Diameter, Copper Coupling	65.91	40.01
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.00*	
		For Work In Restricted Working Space, Add	*18.00*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.30*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.30*	
22 11 16 00-0527	EA	2" Diameter, Copper Coupling	77.08	44.74
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.09*	
		For Work In Restricted Working Space, Add	*20.18*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.22*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.58*	
22 11 16 00-0528	EA	2-1/2" Diameter, Copper Coupling	91.32	45.22
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.19*	
		For Work In Restricted Working Space, Add	*20.38*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.96*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0529	EA	3" Diameter, Copper Coupling	115.89	56.01
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.61*	
		For Work In Restricted Working Space, Add	*25.22*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.00*	
		For Silver Solder Instead Of 95/5 Solder, Add	*14.20*	
22 11 16 00-0530	EA	4" Diameter, Copper Coupling	189.23	79.31
		For Brazed Fittings Instead Of 95/5 Solder, Add	*17.87*	
		For Work In Restricted Working Space, Add	*35.74*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-15.42*	
		For Silver Solder Instead Of 95/5 Solder, Add	*21.37*	
22 11 16 00-0531	EA	5" Diameter, Copper Coupling	318.59	114.89
		For Brazed Fittings Instead Of 95/5 Solder, Add	*25.88*	
		For Work In Restricted Working Space, Add	*51.75*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-24.55*	
		For Silver Solder Instead Of 95/5 Solder, Add	*33.18*	
22 11 16 00-0532	EA	6" Diameter, Copper Coupling	492.43	167.23
		For Brazed Fittings Instead Of 95/5 Solder, Add	*37.65*	
		For Work In Restricted Working Space, Add	*75.30*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-37.17*	
		For Silver Solder Instead Of 95/5 Solder, Add	*49.72*	
22 11 16 00-0533	EA	8" Diameter, Copper Coupling	1,117.26	222.89
		For Brazed Fittings Instead Of 95/5 Solder, Add	*50.20*	
		For Work In Restricted Working Space, Add	*100.40*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-72.60*	
		For Silver Solder Instead Of 95/5 Solder, Add	*89.33*	

22 11 16 00-0534 Reducing Copper Couplings *(22 11 16 00-0446)*

22 11 16 00-0535	EA	3/8" Diameter, Reducing Copper Coupling	24.01	15.21
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.41*	
		For Work In Restricted Working Space, Add	*6.83*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.34*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.48*	
22 11 16 00-0536	EA	1/2" Diameter, Reducing Copper Coupling	30.80	19.70
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.42*	
		For Work In Restricted Working Space, Add	*8.85*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.01*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.49*	
22 11 16 00-0537	EA	3/4" Diameter, Reducing Copper Coupling	40.53	25.55
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.74*	
		For Work In Restricted Working Space, Add	*11.48*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.94*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.85*	
22 11 16 00-0538	EA	1" Diameter, Reducing Copper Coupling	50.64	31.04
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.98*	
		For Work In Restricted Working Space, Add	*13.97*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.86*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.19*	
22 11 16 00-0539	EA	1-1/4" Diameter, Reducing Copper Coupling	58.46	35.15
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.92*	
		For Work In Restricted Working Space, Add	*15.83*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.56*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.20*	
22 11 16 00-0540	EA	1-1/2" Diameter, Reducing Copper Coupling	66.84	38.26
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.61*	
		For Work In Restricted Working Space, Add	*17.23*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.21*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.08*	
22 11 16 00-0541	EA	2" Diameter, Reducing Copper Coupling	78.19	42.38
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.54*	
		For Work In Restricted Working Space, Add	*19.09*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.09*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.27*	
22 11 16 00-0542	EA	2-1/2" Diameter, Reducing Copper Coupling	99.63	43.26
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.74*	
		For Work In Restricted Working Space, Add	*19.48*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.23*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.48*	
22 11 16 00-0543	EA	3" Diameter, Reducing Copper Coupling	118.90	50.61
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.40*	
		For Work In Restricted Working Space, Add	*22.81*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.75*	
		For Silver Solder Instead Of 95/5 Solder, Add	*13.55*	
22 11 16 00-0544	EA	4" Diameter, Reducing Copper Coupling	186.74	67.72
		For Brazed Fittings Instead Of 95/5 Solder, Add	*15.24*	
		For Work In Restricted Working Space, Add	*30.48*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-14.42*	
		For Silver Solder Instead Of 95/5 Solder, Add	*19.50*	
22 11 16 00-0545	EA	5" Diameter, Reducing Copper Coupling	475.14	94.80
		For Brazed Fittings Instead Of 95/5 Solder, Add	*21.34*	
		For Work In Restricted Working Space, Add	*42.68*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-30.87*	
		For Silver Solder Instead Of 95/5 Solder, Add	*37.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0546	EA	6" Diameter, Reducing Copper Coupling	696.99	120.85
		For Brazed Fittings Instead Of 95/5 Solder, Add	*27.23*	
		For Work In Restricted Working Space, Add	*54.45*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-43.93*	
		For Silver Solder Instead Of 95/5 Solder, Add	*53.00*	
22 11 16 00-0547	EA	8" Diameter, Reducing Copper Coupling	1,385.45	194.89
		For Brazed Fittings Instead Of 95/5 Solder, Add	*43.90*	
		For Work In Restricted Working Space, Add	*87.80*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-83.91*	
		For Silver Solder Instead Of 95/5 Solder, Add	*98.54*	
22 11 16 00-0548		**Male Copper Adapters** *(22 11 16 00-0446)*		
22 11 16 00-0549	EA	1/4" Diameter, Male Copper Adapter	35.03	16.20
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.74*	
		For Work In Restricted Working Space, Add	*7.48*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.00*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.24*	
22 11 16 00-0550	EA	3/8" Diameter, Male Copper Adapter	34.95	19.95
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.49*	
		For Work In Restricted Working Space, Add	*8.97*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.24*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.74*	
22 11 16 00-0551	EA	1/2" Diameter, Male Copper Adapter	39.44	24.93
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.61*	
		For Work In Restricted Working Space, Add	*11.22*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.84*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.71*	
22 11 16 00-0552	EA	3/4" Diameter, Male Copper Adapter	49.58	31.16
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.92*	
		For Work In Restricted Working Space, Add	*13.84*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.79*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.09*	
22 11 16 00-0553	EA	1" Diameter, Male Copper Adapter	62.39	36.15
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.04*	
		For Work In Restricted Working Space, Add	*16.08*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.80*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.48*	
22 11 16 00-0554	EA	1-1/4" Diameter, Male Copper Adapter	75.12	41.13
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.35*	
		For Work In Restricted Working Space, Add	*18.70*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.87*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.99*	
22 11 16 00-0555	EA	1-1/2" Diameter, Male Copper Adapter	86.02	47.36
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.66*	
		For Work In Restricted Working Space, Add	*21.32*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.85*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.41*	
22 11 16 00-0556	EA	2" Diameter, Male Copper Adapter	116.33	60.45
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.65*	
		For Work In Restricted Working Space, Add	*27.30*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.37*	
		For Silver Solder Instead Of 95/5 Solder, Add	*14.92*	
22 11 16 00-0557	EA	2-1/2" Diameter, Male Copper Adapter	210.45	78.53
		For Brazed Fittings Instead Of 95/5 Solder, Add	*17.57*	
		For Work In Restricted Working Space, Add	*35.15*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-16.38*	
		For Silver Solder Instead Of 95/5 Solder, Add	*22.24*	
22 11 16 00-0558	EA	3" Diameter, Male Copper Adapter	279.59	104.73
		For Brazed Fittings Instead Of 95/5 Solder, Add	*23.41*	
		For Work In Restricted Working Space, Add	*46.83*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-21.78*	
		For Silver Solder Instead Of 95/5 Solder, Add	*29.59*	
22 11 16 00-0559	EA	4" Diameter, Male Copper Adapter	417.86	146.91
		For Brazed Fittings Instead Of 95/5 Solder, Add	*33.05*	
		For Work In Restricted Working Space, Add	*66.11*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-31.91*	
		For Silver Solder Instead Of 95/5 Solder, Add	*42.93*	
22 11 16 00-0560		**Female Copper Adapters** *(22 11 16 00-0446)*		
22 11 16 00-0561	EA	1/4" Diameter, Female Copper Adapter	31.38	16.20
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.74*	
		For Work In Restricted Working Space, Add	*7.48*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.82*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.06*	
22 11 16 00-0562	EA	3/8" Diameter, Female Copper Adapter	36.66	19.95
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.49*	
		For Work In Restricted Working Space, Add	*8.97*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.33*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.82*	
22 11 16 00-0563	EA	1/2" Diameter, Female Copper Adapter	40.67	24.93
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.61*	
		For Work In Restricted Working Space, Add	*11.22*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.90*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0564	EA	3/4" Diameter, Female Copper Adapter	50.58	31.16
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.92*	
		For Work In Restricted Working Space, Add	*13.84*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.84*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.14*	
22 11 16 00-0565	EA	1" Diameter, Female Copper Adapter	63.81	36.15
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.04*	
		For Work In Restricted Working Space, Add	*16.08*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.87*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.55*	
22 11 16 00-0566	EA	1-1/4" Diameter, Female Copper Adapter	77.30	41.13
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.35*	
		For Work In Restricted Working Space, Add	*18.70*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.98*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.10*	
22 11 16 00-0567	EA	1-1/2" Diameter, Female Copper Adapter	94.49	47.36
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.66*	
		For Work In Restricted Working Space, Add	*21.32*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.28*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.83*	
22 11 16 00-0568	EA	2" Diameter, Female Copper Adapter	122.79	60.45
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.65*	
		For Work In Restricted Working Space, Add	*27.30*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.69*	
		For Silver Solder Instead Of 95/5 Solder, Add	*15.24*	
22 11 16 00-0569	EA	2-1/2" Diameter, Female Copper Adapter	239.51	72.30
		For Brazed Fittings Instead Of 95/5 Solder, Add	*16.18*	
		For Work In Restricted Working Space, Add	*32.36*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-17.37*	
		For Silver Solder Instead Of 95/5 Solder, Add	*22.76*	
22 11 16 00-0570	EA	3" Diameter, Female Copper Adapter	377.82	104.73
		For Brazed Fittings Instead Of 95/5 Solder, Add	*23.41*	
		For Work In Restricted Working Space, Add	*46.83*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-26.70*	
		For Silver Solder Instead Of 95/5 Solder, Add	*34.50*	
22 11 16 00-0571		**Wrot Copper, Solder Union** *(22 11 16 00-0446)*		
22 11 16 00-0572	EA	1/4" Diameter, Wrot Copper, Solder Union	48.67	19.95
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.49*	
		For Work In Restricted Working Space, Add	*8.97*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.93*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.42*	
22 11 16 00-0573	EA	3/8" Diameter, Wrot Copper, Solder Union	55.48	24.05
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.42*	
		For Work In Restricted Working Space, Add	*10.85*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.58*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.39*	
22 11 16 00-0574	EA	1/2" Diameter, Wrot Copper, Solder Union	56.82	29.91
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.73*	
		For Work In Restricted Working Space, Add	*13.46*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.09*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.33*	
22 11 16 00-0575	EA	3/4" Diameter, Wrot Copper, Solder Union	65.79	34.16
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.67*	
		For Work In Restricted Working Space, Add	*15.33*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.84*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.40*	
22 11 16 00-0576	EA	1" Diameter, Wrot Copper, Solder Union	86.32	40.76
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.16*	
		For Work In Restricted Working Space, Add	*18.32*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.37*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.42*	
22 11 16 00-0577	EA	1-1/4" Diameter, Wrot Copper, Solder Union	103.86	44.88
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.10*	
		For Work In Restricted Working Space, Add	*20.19*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.56*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.92*	
22 11 16 00-0578	EA	1-1/2" Diameter, Wrot Copper, Solder Union	126.33	49.86
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.22*	
		For Work In Restricted Working Space, Add	*22.44*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.06*	
		For Silver Solder Instead Of 95/5 Solder, Add	*13.80*	
22 11 16 00-0579	EA	2" Diameter, Wrot Copper, Solder Union	177.60	59.83
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.46*	
		For Work In Restricted Working Space, Add	*26.92*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-13.37*	
		For Silver Solder Instead Of 95/5 Solder, Add	*17.85*	
22 11 16 00-0580	EA	2-1/2" Diameter, Wrot Copper, Solder Union	338.29	65.88
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.81*	
		For Work In Restricted Working Space, Add	*29.61*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-21.85*	
		For Silver Solder Instead Of 95/5 Solder, Add	*26.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0581	EA	3" Diameter, Wrot Copper, Solder Union	760.01	93.43
		For Brazed Fittings Instead Of 95/5 Solder, Add	*21.00*	
		For Work In Restricted Working Space, Add	*42.01*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-45.00*	
		For Silver Solder Instead Of 95/5 Solder, Add	*52.00*	

22 11 16 00-0582 Cast Bronze, Solder Union *(22 11 16 00-0446)*

22 11 16 00-0583	EA	1/4" Diameter, Cast Bronze, Solder Union	55.58	19.95
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.49*	
		For Work In Restricted Working Space, Add	*8.97*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.27*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.77*	
22 11 16 00-0584	EA	3/8" Diameter, Cast Bronze, Solder Union	62.00	24.05
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.42*	
		For Work In Restricted Working Space, Add	*10.85*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.91*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.72*	
22 11 16 00-0585	EA	1/2" Diameter, Cast Bronze, Solder Union	58.64	29.91
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.73*	
		For Work In Restricted Working Space, Add	*13.46*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.18*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.42*	
22 11 16 00-0586	EA	3/4" Diameter, Cast Bronze, Solder Union	68.36	34.16
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.67*	
		For Work In Restricted Working Space, Add	*15.33*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.97*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.53*	
22 11 16 00-0587	EA	1" Diameter, Cast Bronze, Solder Union	90.78	40.76
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.16*	
		For Work In Restricted Working Space, Add	*18.32*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.59*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.65*	
22 11 16 00-0588	EA	1-1/4" Diameter, Cast Bronze, Solder Union	116.05	44.88
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.10*	
		For Work In Restricted Working Space, Add	*20.19*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.17*	
		For Silver Solder Instead Of 95/5 Solder, Add	*12.53*	
22 11 16 00-0589	EA	1-1/2" Diameter, Cast Bronze, Solder Union	139.04	49.86
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.22*	
		For Work In Restricted Working Space, Add	*22.44*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.69*	
		For Silver Solder Instead Of 95/5 Solder, Add	*14.43*	
22 11 16 00-0590	EA	2" Diameter, Cast Bronze, Solder Union	199.24	59.83
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.46*	
		For Work In Restricted Working Space, Add	*26.92*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-14.45*	
		For Silver Solder Instead Of 95/5 Solder, Add	*18.94*	
22 11 16 00-0591	EA	2-1/2" Diameter, Cast Bronze, Solder Union	338.27	65.88
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.81*	
		For Work In Restricted Working Space, Add	*29.61*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-21.85*	
		For Silver Solder Instead Of 95/5 Solder, Add	*26.78*	
22 11 16 00-0592	EA	3" Diameter, Cast Bronze, Solder Union	760.01	93.43
		For Brazed Fittings Instead Of 95/5 Solder, Add	*21.00*	
		For Work In Restricted Working Space, Add	*42.01*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-45.00*	
		For Silver Solder Instead Of 95/5 Solder, Add	*52.00*	

22 11 16 00-0593 Cast Bronze, Solder X Female Threaded Union *(22 11 16 00-0446)*

22 11 16 00-0594	EA	1/4" Diameter, Cast Bronze, Solder X Female Threaded Union	64.92	19.95
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.49*	
		For Work In Restricted Working Space, Add	*8.97*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.74*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.24*	
22 11 16 00-0595	EA	3/8" Diameter, Cast Bronze, Solder X Female Threaded Union	72.38	24.05
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.42*	
		For Work In Restricted Working Space, Add	*10.85*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.43*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.23*	
22 11 16 00-0596	EA	1/2" Diameter, Cast Bronze, Solder X Female Threaded Union	73.65	29.91
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.73*	
		For Work In Restricted Working Space, Add	*13.46*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.93*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.17*	
22 11 16 00-0597	EA	3/4" Diameter, Cast Bronze, Solder X Female Threaded Union	90.32	34.16
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.67*	
		For Work In Restricted Working Space, Add	*15.33*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.07*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.63*	
22 11 16 00-0598	EA	1" Diameter, Cast Bronze, Solder X Female Threaded Union	142.66	40.76
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.16*	
		For Work In Restricted Working Space, Add	*18.32*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.19*	
		For Silver Solder Instead Of 95/5 Solder, Add	*13.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0599	EA	1-1/4" Diameter, Cast Bronze, Solder X Female Threaded Union	219.35	44.88
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.10*	
		For Work In Restricted Working Space, Add	*20.19*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-14.33*	
		For Silver Solder Instead Of 95/5 Solder, Add	*17.70*	
22 11 16 00-0600	EA	1-1/2" Diameter, Cast Bronze, Solder X Female Threaded Union	267.40	49.86
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.22*	
		For Work In Restricted Working Space, Add	*22.44*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-17.11*	
		For Silver Solder Instead Of 95/5 Solder, Add	*20.85*	
22 11 16 00-0601	EA	2" Diameter, Cast Bronze, Solder X Female Threaded Union	415.78	59.83
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.46*	
		For Work In Restricted Working Space, Add	*26.92*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-25.28*	
		For Silver Solder Instead Of 95/5 Solder, Add	*29.76*	
22 11 16 00-0602	EA	2-1/2" Diameter, Cast Bronze, Solder X Female Threaded Union	716.76	65.88
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.81*	
		For Work In Restricted Working Space, Add	*29.61*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-40.77*	
		For Silver Solder Instead Of 95/5 Solder, Add	*45.71*	

22 11 16 00-0603 Cast Bronze, Solder X Male Threaded Union *(22 11 16 00-0446)*

22 11 16 00-0604	EA	1/4" Diameter, Cast Bronze, Solder X Male Threaded Union	56.58	19.95
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.49*	
		For Work In Restricted Working Space, Add	*8.97*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.32*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.82*	
22 11 16 00-0605	EA	3/8" Diameter, Cast Bronze, Solder X Male Threaded Union	67.28	24.05
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.42*	
		For Work In Restricted Working Space, Add	*10.85*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.17*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.98*	
22 11 16 00-0606	EA	1/2" Diameter, Cast Bronze, Solder X Male Threaded Union	67.59	29.91
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.73*	
		For Work In Restricted Working Space, Add	*13.46*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.62*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.87*	
22 11 16 00-0607	EA	3/4" Diameter, Cast Bronze, Solder X Male Threaded Union	85.19	34.16
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.67*	
		For Work In Restricted Working Space, Add	*15.33*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.81*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.37*	
22 11 16 00-0608	EA	1" Diameter, Cast Bronze, Solder X Male Threaded Union	145.01	40.76
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.16*	
		For Work In Restricted Working Space, Add	*18.32*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.30*	
		For Silver Solder Instead Of 95/5 Solder, Add	*13.36*	
22 11 16 00-0609	EA	1-1/4" Diameter, Cast Bronze, Solder X Male Threaded Union	171.43	44.88
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.10*	
		For Work In Restricted Working Space, Add	*20.19*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-11.94*	
		For Silver Solder Instead Of 95/5 Solder, Add	*15.30*	
22 11 16 00-0610	EA	1-1/2" Diameter, Cast Bronze, Solder X Male Threaded Union	184.15	49.86
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.22*	
		For Work In Restricted Working Space, Add	*22.44*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-12.95*	
		For Silver Solder Instead Of 95/5 Solder, Add	*16.69*	
22 11 16 00-0611	EA	2" Diameter, Cast Bronze, Solder X Male Threaded Union	257.72	59.83
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.46*	
		For Work In Restricted Working Space, Add	*26.92*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-17.37*	
		For Silver Solder Instead Of 95/5 Solder, Add	*21.86*	
22 11 16 00-0612	EA	2-1/2" Diameter, Cast Bronze, Solder X Male Threaded Union	590.97	65.88
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.81*	
		For Work In Restricted Working Space, Add	*29.61*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-34.48*	
		For Silver Solder Instead Of 95/5 Solder, Add	*39.42*	

22 11 16 00-0613 Copper Caps *(22 11 16 00-0446)*

22 11 16 00-0614	EA	1/4" Diameter, Copper Cap	9.09	5.48
		For Brazed Fittings Instead Of 95/5 Solder, Add	*1.23*	
		For Work In Restricted Working Space, Add	*2.47*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-0.87*	
		For Silver Solder Instead Of 95/5 Solder, Add	*1.28*	
22 11 16 00-0615	EA	3/8" Diameter, Copper Cap	11.26	6.48
		For Brazed Fittings Instead Of 95/5 Solder, Add	*1.48*	
		For Work In Restricted Working Space, Add	*2.96*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.06*	
		For Silver Solder Instead Of 95/5 Solder, Add	*1.55*	
22 11 16 00-0616	EA	1/2" Diameter, Copper Cap	14.29	8.98
		For Brazed Fittings Instead Of 95/5 Solder, Add	*2.04*	
		For Work In Restricted Working Space, Add	*4.07*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.39*	
		For Silver Solder Instead Of 95/5 Solder, Add	*2.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0617	EA	3/4" Diameter, Copper Cap	18.20	11.09
		For Brazed Fittings Instead Of 95/5 Solder, Add	*2.53*	
		For Work In Restricted Working Space, Add	*5.06*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.75*	
		For Silver Solder Instead Of 95/5 Solder, Add	*2.60*	
22 11 16 00-0618	EA	1" Diameter, Copper Cap	23.29	13.33
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.02*	
		For Work In Restricted Working Space, Add	*6.05*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.17*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.18*	
22 11 16 00-0619	EA	1-1/4" Diameter, Copper Cap	25.99	14.33
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.27*	
		For Work In Restricted Working Space, Add	*6.54*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.39*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.48*	
22 11 16 00-0620	EA	1-1/2" Diameter, Copper Cap	29.96	15.71
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.58*	
		For Work In Restricted Working Space, Add	*7.16*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.69*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.88*	
22 11 16 00-0621	EA	2" Diameter, Copper Cap	35.89	16.30
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.69*	
		For Work In Restricted Working Space, Add	*7.39*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.03*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.26*	
22 11 16 00-0622	EA	2-1/2" Diameter, Copper Cap	68.00	19.05
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.34*	
		For Work In Restricted Working Space, Add	*8.68*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.85*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.29*	
22 11 16 00-0623	EA	3" Diameter, Copper Cap	92.96	24.45
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.55*	
		For Work In Restricted Working Space, Add	*11.10*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.50*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.35*	
22 11 16 00-0624	EA	4" Diameter, Copper Cap	161.61	36.96
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.40*	
		For Work In Restricted Working Space, Add	*16.80*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.88*	
		For Silver Solder Instead Of 95/5 Solder, Add	*13.68*	
22 11 16 00-0625	EA	5" Diameter, Cast Bronze Cap	828.57	56.93
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.94*	
		For Work In Restricted Working Space, Add	*25.88*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-45.74*	
		For Silver Solder Instead Of 95/5 Solder, Add	*50.05*	
22 11 16 00-0626	EA	6" Diameter, Cast Bronze Cap	1,604.47	82.86
		For Brazed Fittings Instead Of 95/5 Solder, Add	*18.83*	
		For Work In Restricted Working Space, Add	*37.65*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-86.50*	
		For Silver Solder Instead Of 95/5 Solder, Add	*92.77*	
22 11 16 00-0627	EA	8" Diameter, Cast Bronze Cap	2,044.38	110.41
		For Brazed Fittings Instead Of 95/5 Solder, Add	*25.10*	
		For Work In Restricted Working Space, Add	*50.20*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-110.59*	
		For Silver Solder Instead Of 95/5 Solder, Add	*118.95*	

22 11 16 00-0628 Copper Crosses *(22 11 16 00-0446)*

22 11 16 00-0629	EA	1/2" Diameter, Copper Cross	86.98	50.50
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.36*	
		For Work In Restricted Working Space, Add	*22.73*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.14*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.92*	
22 11 16 00-0630	EA	3/4" Diameter, Copper Cross	115.94	62.78
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.12*	
		For Work In Restricted Working Space, Add	*28.23*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.50*	
		For Silver Solder Instead Of 95/5 Solder, Add	*15.21*	
22 11 16 00-0631	EA	1" Diameter, Copper Cross	149.55	74.95
		For Brazed Fittings Instead Of 95/5 Solder, Add	*16.87*	
		For Work In Restricted Working Space, Add	*33.74*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-13.10*	
		For Silver Solder Instead Of 95/5 Solder, Add	*18.72*	
22 11 16 00-0632	EA	1-1/4" Diameter, Copper Cross	174.95	81.14
		For Brazed Fittings Instead Of 95/5 Solder, Add	*18.25*	
		For Work In Restricted Working Space, Add	*36.50*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-14.83*	
		For Silver Solder Instead Of 95/5 Solder, Add	*20.91*	
22 11 16 00-0633	EA	1-1/2" Diameter, Copper Cross	209.09	88.72
		For Brazed Fittings Instead Of 95/5 Solder, Add	*19.97*	
		For Work In Restricted Working Space, Add	*39.94*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-17.11*	
		For Silver Solder Instead Of 95/5 Solder, Add	*23.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0634	EA	2" Diameter, Copper Cross	292.69	99.51
		For Brazed Fittings Instead Of 95/5 Solder, Add	*22.38*	
		For Work In Restricted Working Space, Add	*44.76*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-22.09*	
		For Silver Solder Instead Of 95/5 Solder, Add	*29.55*	
22 11 16 00-0635	EA	2-1/2" Diameter, Copper Cross	496.02	110.18
		For Brazed Fittings Instead Of 95/5 Solder, Add	*24.79*	
		For Work In Restricted Working Space, Add	*49.58*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-33.06*	
		For Silver Solder Instead Of 95/5 Solder, Add	*41.33*	

22 11 16 00-0636 Cast Bronze Crosses *(22 11 16 00-0446)*

22 11 16 00-0637	EA	3/8" Diameter, Cast Bronze Cross	70.06	36.73
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.26*	
		For Work In Restricted Working Space, Add	*16.53*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.26*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.01*	
22 11 16 00-0638	EA	1/2" Diameter, Cast Bronze Cross	89.22	50.50
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.36*	
		For Work In Restricted Working Space, Add	*22.73*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.25*	
		For Silver Solder Instead Of 95/5 Solder, Add	*12.04*	
22 11 16 00-0639	EA	3/4" Diameter, Cast Bronze Cross	120.30	62.78
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.12*	
		For Work In Restricted Working Space, Add	*28.23*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.72*	
		For Silver Solder Instead Of 95/5 Solder, Add	*15.43*	
22 11 16 00-0640	EA	1" Diameter, Cast Bronze Cross	156.95	74.95
		For Brazed Fittings Instead Of 95/5 Solder, Add	*16.87*	
		For Work In Restricted Working Space, Add	*33.74*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-13.47*	
		For Silver Solder Instead Of 95/5 Solder, Add	*19.09*	
22 11 16 00-0641	EA	1-1/4" Diameter, Cast Bronze Cross	185.60	81.14
		For Brazed Fittings Instead Of 95/5 Solder, Add	*18.25*	
		For Work In Restricted Working Space, Add	*36.50*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-15.36*	
		For Silver Solder Instead Of 95/5 Solder, Add	*21.45*	
22 11 16 00-0642	EA	1-1/2" Diameter, Cast Bronze Cross	224.28	88.72
		For Brazed Fittings Instead Of 95/5 Solder, Add	*19.97*	
		For Work In Restricted Working Space, Add	*39.94*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-17.87*	
		For Silver Solder Instead Of 95/5 Solder, Add	*24.53*	
22 11 16 00-0643	EA	2" Diameter, Cast Bronze Cross	348.47	99.51
		For Brazed Fittings Instead Of 95/5 Solder, Add	*22.38*	
		For Work In Restricted Working Space, Add	*44.76*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-24.88*	
		For Silver Solder Instead Of 95/5 Solder, Add	*32.34*	
22 11 16 00-0644	EA	2-1/2" Diameter, Cast Bronze Cross	562.17	110.18
		For Brazed Fittings Instead Of 95/5 Solder, Add	*24.79*	
		For Work In Restricted Working Space, Add	*49.58*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-36.37*	
		For Silver Solder Instead Of 95/5 Solder, Add	*44.64*	

22 11 16 00-0645 Flexible Corrugated Copper Supply Line *(22 11 16 00-0446)*

22 11 16 00-0646	EA	3/4" Diameter Threaded x 3/4" Diameter Solder x 18" Long, Flexible Corrugated Copper Supply Line	95.56	34.16
22 11 16 00-0647	EA	3/4" Diameter Threaded x 3/4" Diameter Solder x 24" Long, Flexible Corrugated Copper Supply Line	100.91	34.16
22 11 16 00-0648	EA	3/4" Diameter Threaded x 3/4" Diameter Threaded x 12" Long, Flexible Corrugated Copper Supply Line	85.94	34.16
22 11 16 00-0649	EA	3/4" Diameter Threaded x 3/4" Diameter Threaded x 15" Long, Flexible Corrugated Copper Supply Line	92.00	34.16
22 11 16 00-0650	EA	3/4" Diameter Threaded x 3/4" Diameter Threaded x 18" Long, Flexible Corrugated Copper Supply Line	97.35	34.16
22 11 16 00-0651	EA	3/4" Diameter Threaded x 3/4" Diameter Threaded x 24" Long, Flexible Corrugated Copper Supply Line	100.91	34.16

22 11 16 00-0652 Crimped Copper Fittings *(22 11 16 00-0378)*

Note: Viega ProPress type. Includes factory installed ethylene propylene diene monomer (EPDM) sealing elements.

22 11 16 00-0653 Crimped Copper 90 Degree Elbows *(22 11 16 00-0652)*

22 11 16 00-0654	EA	1/2" Diameter, Crimped Copper 90 Degree Elbow	25.44	14.96
		For Work In Restricted Working Space, Add	*6.73*	
22 11 16 00-0655	EA	3/4" Diameter, Crimped Copper 90 Degree Elbow	30.66	17.08
		For Work In Restricted Working Space, Add	*7.67*	
22 11 16 00-0656	EA	1" Diameter, Crimped Copper 90 Degree Elbow	40.77	20.32
		For Work In Restricted Working Space, Add	*9.16*	
22 11 16 00-0657	EA	1-1/4" Diameter, Crimped Copper 90 Degree Elbow	54.32	22.43
		For Work In Restricted Working Space, Add	*10.10*	
22 11 16 00-0658	EA	1-1/2" Diameter, Crimped Copper 90 Degree Elbow	76.53	24.93
		For Work In Restricted Working Space, Add	*11.22*	
22 11 16 00-0659	EA	2" Diameter, Crimped Copper 90 Degree Elbow	99.27	29.91
		For Work In Restricted Working Space, Add	*13.46*	
22 11 16 00-0660	EA	2-1/2" Diameter, Crimped Copper 90 Degree Elbow	210.33	34.90
		For Work In Restricted Working Space, Add	*15.71*	
22 11 16 00-0661	EA	3" Diameter, Crimped Copper 90 Degree Elbow	261.08	41.50
		For Work In Restricted Working Space, Add	*18.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0662	EA	4" Diameter, Crimped Copper 90 Degree Elbow	328.16	54.84
		For Work In Restricted Working Space, Add	*24.68*	

22 11 16 00-0663 Crimped Copper 45 Degree Elbows *(22 11 16 00-0652)*

22 11 16 00-0664	EA	1/2" Crimped Copper 45 Degree Elbow	25.94	14.96
		For Work In Restricted Working Space, Add	*6.73*	
22 11 16 00-0665	EA	3/4" Crimped Copper 45 Degree Elbow	29.86	17.08
		For Work In Restricted Working Space, Add	*7.67*	
22 11 16 00-0666	EA	1" Crimped Copper 45 Degree Elbow	44.38	20.32
		For Work In Restricted Working Space, Add	*9.16*	
22 11 16 00-0667	EA	1-1/4" Crimped Copper 45 Degree Elbow	53.52	22.43
		For Work In Restricted Working Space, Add	*10.10*	
22 11 16 00-0668	EA	1-1/2" Crimped Copper 45 Degree Elbow	69.61	24.93
		For Work In Restricted Working Space, Add	*11.22*	
22 11 16 00-0669	EA	2" Crimped Copper 45 Degree Elbow	89.94	29.91
		For Work In Restricted Working Space, Add	*13.46*	
22 11 16 00-0670	EA	2-1/2" Crimped Copper 45 Degree Elbow	156.71	34.90
		For Work In Restricted Working Space, Add	*15.71*	
22 11 16 00-0671	EA	3" Crimped Copper 45 Degree Elbow	211.42	41.50
		For Work In Restricted Working Space, Add	*18.70*	
22 11 16 00-0672	EA	4" Crimped Copper 45 Degree Elbow	289.32	54.84
		For Work In Restricted Working Space, Add	*24.68*	

22 11 16 00-0673 Crimped Copper Straight Tees *(22 11 16 00-0652)*

22 11 16 00-0674	EA	1/2" Diameter, Crimped Copper Straight Tee	38.26	22.43
		For Work In Restricted Working Space, Add	*10.10*	
22 11 16 00-0675	EA	3/4" Diameter, Crimped Copper Straight Tee	52.38	29.54
		For Work In Restricted Working Space, Add	*13.28*	
22 11 16 00-0676	EA	1" Diameter, Crimped Copper Straight Tee	63.88	32.78
		For Work In Restricted Working Space, Add	*14.77*	
22 11 16 00-0677	EA	1-1/4" Diameter, Crimped Copper Straight Tee	75.26	33.65
		For Work In Restricted Working Space, Add	*15.14*	
22 11 16 00-0678	EA	1-1/2" Diameter, Crimped Copper Straight Tee	105.49	38.26
		For Work In Restricted Working Space, Add	*17.20*	
22 11 16 00-0679	EA	2" Diameter, Crimped Copper Straight Tee	126.81	44.88
		For Work In Restricted Working Space, Add	*20.19*	
22 11 16 00-0680	EA	2-1/2" Diameter, Crimped Copper Straight Tee	273.71	52.35
		For Work In Restricted Working Space, Add	*23.56*	
22 11 16 00-0681	EA	3" Diameter, Crimped Copper Straight Tee	337.45	62.33
		For Work In Restricted Working Space, Add	*28.04*	
22 11 16 00-0682	EA	4" Diameter, Crimped Copper Straight Tee	465.72	82.26
		For Work In Restricted Working Space, Add	*37.02*	

22 11 16 00-0683 Crimped Copper Reducing Tees *(22 11 16 00-0652)*

22 11 16 00-0684	EA	3/4" Diameter, Crimped Copper Reducing Tee	44.57	21.32
		For Work In Restricted Working Space, Add	*9.61*	
22 11 16 00-0685	EA	1" Diameter, Crimped Copper Reducing Tee	64.29	28.05
		For Work In Restricted Working Space, Add	*12.60*	
22 11 16 00-0686	EA	1-1/4" Diameter, Crimped Copper Reducing Tee	69.41	31.16
		For Work In Restricted Working Space, Add	*14.02*	
22 11 16 00-0687	EA	1-1/2" Diameter, Crimped Copper Reducing Tee	90.73	32.03
		For Work In Restricted Working Space, Add	*14.39*	
22 11 16 00-0688	EA	2" Diameter, Crimped Copper Reducing Tee	108.56	36.27
		For Work In Restricted Working Space, Add	*16.34*	
22 11 16 00-0689	EA	2-1/2" Diameter, Crimped Copper Reducing Tee	291.61	41.13
		For Work In Restricted Working Space, Add	*18.70*	
22 11 16 00-0690	EA	3" Diameter, Crimped Copper Reducing Tee	355.47	49.86
		For Work In Restricted Working Space, Add	*22.44*	
22 11 16 00-0691	EA	4" Diameter, Crimped Copper Reducing Tee	419.05	66.43
		For Work In Restricted Working Space, Add	*29.91*	

22 11 16 00-0692 Crimped Copper Couplings *(22 11 16 00-0652)*

22 11 16 00-0693	EA	1/2" Diameter, Crimped Copper Coupling	25.14	14.96
		For Work In Restricted Working Space, Add	*6.73*	
22 11 16 00-0694	EA	3/4" Diameter, Crimped Copper Coupling	29.67	17.08
		For Work In Restricted Working Space, Add	*7.67*	
22 11 16 00-0695	EA	1" Diameter, Crimped Copper Coupling	38.85	20.32
		For Work In Restricted Working Space, Add	*9.16*	
22 11 16 00-0696	EA	1-1/4" Diameter, Crimped Copper Coupling	43.99	22.43
		For Work In Restricted Working Space, Add	*10.10*	
22 11 16 00-0697	EA	1-1/2" Diameter, Crimped Copper Coupling	56.66	24.93
		For Work In Restricted Working Space, Add	*11.22*	
22 11 16 00-0698	EA	2" Diameter, Crimped Copper Coupling	69.47	29.91
		For Work In Restricted Working Space, Add	*13.46*	
22 11 16 00-0699	EA	2-1/2" Diameter, Crimped Copper Coupling	131.03	34.90
		For Work In Restricted Working Space, Add	*15.71*	
22 11 16 00-0700	EA	3" Diameter, Crimped Copper Coupling	162.53	41.50
		For Work In Restricted Working Space, Add	*18.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0701	EA	4" Diameter, Crimped Copper Coupling	221.40	54.84
		For Work In Restricted Working Space, Add	*24.68*	

22 11 16 00-0702 Crimped Copper Reducing Couplings *(22 11 16 00-0652)*

22 11 16 00-0703	EA	3/4" Diameter, Crimped Copper Reducing Coupling	33.67	14.21
		For Work In Restricted Working Space, Add	*6.40*	
22 11 16 00-0704	EA	1" Diameter, Crimped Copper Reducing Coupling	38.45	16.20
		For Work In Restricted Working Space, Add	*7.29*	
22 11 16 00-0705	EA	1-1/4" Diameter, Crimped Copper Reducing Coupling	49.62	19.32
		For Work In Restricted Working Space, Add	*8.71*	
22 11 16 00-0706	EA	1-1/2" Diameter, Crimped Copper Reducing Coupling	62.33	21.32
		For Work In Restricted Working Space, Add	*9.61*	
22 11 16 00-0707	EA	2" Diameter, Crimped Copper Reducing Coupling	69.64	23.68
		For Work In Restricted Working Space, Add	*10.66*	
22 11 16 00-0708	EA	2-1/2" Diameter, Crimped Copper FTG x C Reducing Coupling	135.33	28.29
		For Work In Restricted Working Space, Add	*12.71*	
22 11 16 00-0709	EA	3" Diameter, Crimped Copper FTG x C Reducing Coupling	168.41	33.28
		For Work In Restricted Working Space, Add	*14.96*	
22 11 16 00-0710	EA	4" Diameter, Crimped Copper FTG x C Reducing Coupling	219.01	44.00
		For Work In Restricted Working Space, Add	*19.82*	

22 11 16 00-0711 Crimped Copper Male Adapters *(22 11 16 00-0652)*

22 11 16 00-0712	EA	1/2" Diameter, Crimped Copper Male Adapter	25.75	14.96
		For Work In Restricted Working Space, Add	*6.73*	
22 11 16 00-0713	EA	3/4" Diameter, Crimped Copper Male Adapter	31.57	17.08
		For Work In Restricted Working Space, Add	*7.67*	
22 11 16 00-0714	EA	1" Diameter, Crimped Copper Male Adapter	41.56	20.32
		For Work In Restricted Working Space, Add	*9.16*	
22 11 16 00-0715	EA	1-1/4" Diameter, Crimped Copper Male Adapter	57.83	22.43
		For Work In Restricted Working Space, Add	*10.10*	
22 11 16 00-0716	EA	1-1/2" Diameter, Crimped Copper Male Adapter	71.32	24.93
		For Work In Restricted Working Space, Add	*11.22*	
22 11 16 00-0717	EA	2" Diameter, Crimped Copper Male Adapter	110.20	29.91
		For Work In Restricted Working Space, Add	*13.46*	
22 11 16 00-0718	EA	2-1/2" Diameter, Crimped Copper Male Adapter	210.33	34.90
		For Work In Restricted Working Space, Add	*15.71*	
22 11 16 00-0719	EA	3" Diameter, Crimped Copper Male Adapter	261.08	41.50
		For Work In Restricted Working Space, Add	*18.70*	
22 11 16 00-0720	EA	4" Diameter, Crimped Copper Male Adapter	312.32	54.84
		For Work In Restricted Working Space, Add	*24.68*	

22 11 16 00-0721 Crimped Copper Female Adapters *(22 11 16 00-0652)*

22 11 16 00-0722	EA	1/2" Diameter, Crimped Copper Female Adapter	26.44	14.96
		For Work In Restricted Working Space, Add	*6.73*	
22 11 16 00-0723	EA	3/4" Diameter, Crimped Copper Female Adapter	32.08	17.08
		For Work In Restricted Working Space, Add	*7.67*	
22 11 16 00-0724	EA	1" Diameter, Crimped Copper Female Adapter	42.57	20.32
		For Work In Restricted Working Space, Add	*9.16*	
22 11 16 00-0725	EA	1-1/4" Diameter, Crimped Copper Female Adapter	60.84	22.43
		For Work In Restricted Working Space, Add	*10.10*	
22 11 16 00-0726	EA	1-1/2" Diameter, Crimped Copper Female Adapter	76.94	24.93
		For Work In Restricted Working Space, Add	*11.22*	
22 11 16 00-0727	EA	2" Diameter, Crimped Copper Female Adapter	112.01	29.91
		For Work In Restricted Working Space, Add	*13.46*	

22 11 16 00-0728 Crimped Copper Caps *(22 11 16 00-0652)*

22 11 16 00-0729	EA	1/2" Diameter, Crimped Copper Cap	17.04	7.48
		For Work In Restricted Working Space, Add	*3.37*	
22 11 16 00-0730	EA	3/4" Diameter, Crimped Copper Cap	22.91	8.73
		For Work In Restricted Working Space, Add	*3.92*	
22 11 16 00-0731	EA	1" Diameter, Crimped Copper Cap	30.11	9.97
		For Work In Restricted Working Space, Add	*4.49*	
22 11 16 00-0732	EA	1-1/4" Diameter, Crimped Copper Cap	33.99	11.22
		For Work In Restricted Working Space, Add	*5.05*	
22 11 16 00-0733	EA	1-1/2" Diameter, Crimped Copper Cap	45.91	12.84
		For Work In Restricted Working Space, Add	*5.80*	
22 11 16 00-0734	EA	2" Diameter, Crimped Copper Cap	54.73	14.96
		For Work In Restricted Working Space, Add	*6.73*	
22 11 16 00-0735	EA	2-1/2" Diameter, Crimped Copper Cap	129.48	17.45
		For Work In Restricted Working Space, Add	*7.85*	
22 11 16 00-0736	EA	3" Diameter, Crimped Copper Cap	161.89	20.81
		For Work In Restricted Working Space, Add	*9.35*	
22 11 16 00-0737	EA	4" Diameter, Crimped Copper Cap	215.34	27.42
		For Work In Restricted Working Space, Add	*12.34*	

22 11 16 00-0738 C x F NPT Crimped Bronze Unions *(22 11 16 00-0652)*

22 11 16 00-0739	EA	1/2" Diameter, C x F NPT Crimped Bronze Union	47.59	20.32
		For Work In Restricted Working Space, Add	*9.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0740	EA	3/4" Diameter, C x F NPT Crimped Bronze Union	59.39	25.05
		For Work In Restricted Working Space, Add	*11.26*	
22 11 16 00-0741	EA	1" Diameter, C x F NPT Crimped Bronze Union	81.33	30.04
		For Work In Restricted Working Space, Add	*13.50*	
22 11 16 00-0742	EA	1-1/4" Diameter, C x F NPT Crimped Bronze Union	98.06	34.65
		For Work In Restricted Working Space, Add	*15.63*	
22 11 16 00-0743	EA	1-1/2" Diameter, C x F NPT Crimped Bronze Union	123.10	33.91
		For Work In Restricted Working Space, Add	*15.26*	
22 11 16 00-0744	EA	2" Diameter, C x F NPT Crimped Bronze Union	169.26	49.11
		For Work In Restricted Working Space, Add	*22.06*	

22 11 16 00-0745 C x C Crimped Bronze Unions *(22 11 16 00-0652)*

22 11 16 00-0746	EA	1/2" Diameter, C x C Bronze Crimped Union	43.70	14.96
		For Work In Restricted Working Space, Add	*6.73*	
22 11 16 00-0747	EA	3/4" Diameter, C x C Bronze Crimped Union	53.44	17.08
		For Work In Restricted Working Space, Add	*7.67*	
22 11 16 00-0748	EA	1" Diameter, C x C Bronze Crimped Union	75.08	20.32
		For Work In Restricted Working Space, Add	*9.16*	
22 11 16 00-0749	EA	1-1/4" Diameter, C x C Bronze Crimped Union	97.26	22.43
		For Work In Restricted Working Space, Add	*10.10*	
22 11 16 00-0750	EA	1-1/2" Diameter, C x C Bronze Crimped Union	123.79	24.93
		For Work In Restricted Working Space, Add	*11.22*	
22 11 16 00-0751	EA	2" Diameter, C x C Bronze Crimped Union	185.96	29.91
		For Work In Restricted Working Space, Add	*13.46*	

22 11 16 00-0752 C x Flange Crimped Bronze Flange *(22 11 16 00-0652)*

22 11 16 00-0753	EA	2-1/2" Diameter, C x Flange Crimped Bronze Flange	354.42	34.90
		For Work In Restricted Working Space, Add	*15.71*	
22 11 16 00-0754	EA	3" Diameter, C x Flange Crimped Bronze Flange	387.46	41.50
		For Work In Restricted Working Space, Add	*18.70*	
22 11 16 00-0755	EA	4" Diameter, C x Flange Crimped Bronze Flange	446.23	54.84
		For Work In Restricted Working Space, Add	*24.68*	

22 11 16 00-0756 Field Installed FKM Seals *(22 11 16 00-0652)*

Note: For vacuum systems. Includes removing factory installed ethylene propylene diene monomer (EPDM) seal and installing FKM seal.

22 11 16 00-0757	EA	1/2" Diameter, Field Installed FKM Seal Note: To be used in conjunction with fittings.	7.31	
		For Work In Restricted Working Space, Add	*1.68*	
22 11 16 00-0758	EA	3/4" Diameter, Field Installed FKM Seal Note: To be used in conjunction with fittings.	9.15	
		For Work In Restricted Working Space, Add	*1.96*	
22 11 16 00-0759	EA	1" Diameter, Field Installed FKM Seal Note: To be used in conjunction with fittings.	10.49	
		For Work In Restricted Working Space, Add	*2.24*	
22 11 16 00-0760	EA	1-1/4" Diameter, Field Installed FKM Seal Note: To be used in conjunction with fittings.	12.03	
		For Work In Restricted Working Space, Add	*2.52*	
22 11 16 00-0761	EA	1-1/2" Diameter, Field Installed FKM Seal Note: To be used in conjunction with fittings.	16.49	
		For Work In Restricted Working Space, Add	*2.90*	
22 11 16 00-0762	EA	2" Diameter, Field Installed FKM Seal Note: To be used in conjunction with fittings.	18.44	
		For Work In Restricted Working Space, Add	*3.37*	
22 11 16 00-0763	EA	2-1/2" Diameter, Field Installed FKM Seal Note: To be used in conjunction with fittings.	26.83	
		For Work In Restricted Working Space, Add	*3.92*	
22 11 16 00-0764	EA	3" Diameter, Field Installed FKM Seal Note: To be used in conjunction with fittings.	30.93	
		For Work In Restricted Working Space, Add	*4.67*	
22 11 16 00-0765	EA	4" Diameter, Field Installed FKM Seal Note: To be used in conjunction with fittings.	42.04	
		For Work In Restricted Working Space, Add	*6.17*	

22 11 16 00-0766 Cut And Prepare Existing In-Place Copper Pipe *(22 11 16 00-0378)*

22 11 16 00-0767	EA	Up To 1/2" Diameter, Cut And Prepare Existing In Place Copper Pipe	12.47	
22 11 16 00-0768	EA	3/4" Diameter, Cut And Prepare Existing In Place Copper Pipe	13.47	
22 11 16 00-0769	EA	1" Diameter, Cut And Prepare Existing In Place Copper Pipe	15.15	
22 11 16 00-0770	EA	1-1/4" Diameter, Cut And Prepare Existing In Place Copper Pipe	15.89	
22 11 16 00-0771	EA	1-1/2" Diameter, Cut And Prepare Existing In Place Copper Pipe	16.83	
22 11 16 00-0772	EA	2" Diameter, Cut And Prepare Existing In Place Copper Pipe	18.52	
22 11 16 00-0773	EA	2-1/2" Diameter, Cut And Prepare Existing In Place Copper Pipe	19.95	
22 11 16 00-0774	EA	3" Diameter, Cut And Prepare Existing In Place Copper Pipe	23.56	
22 11 16 00-0775	EA	4" Diameter, Cut And Prepare Existing In Place Copper Pipe	31.78	
22 11 16 00-0776	EA	6" Diameter, Cut And Prepare Existing In Place Copper Pipe	45.43	
22 11 16 00-0777	EA	8" Diameter, Cut And Prepare Existing In Place Copper Pipe	60.57	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0778		**Sweat Brass Companion Flanges** *(22 11 16 00-0378)*		
		Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0619 for Class 150 steel bolt and gasket set.		
22 11 16 00-0779	EA	1" Diameter, Sweat Brass Companion Flange	59.68	19.17
22 11 16 00-0780	EA	1-1/4" Diameter, Sweat Brass Companion Flange	65.20	21.11
22 11 16 00-0781	EA	1-1/2" Diameter, Sweat Brass Companion Flange	90.52	22.96
22 11 16 00-0782	EA	2" Diameter, Sweat Brass Companion Flange	119.14	25.48
22 11 16 00-0783	EA	2-1/2" Diameter, Sweat Brass Companion Flange	166.39	30.65
22 11 16 00-0784	EA	3" Diameter, Sweat Brass Companion Flange	184.94	40.17
22 11 16 00-0785	EA	4" Diameter, Sweat Brass Companion Flange	245.71	47.86
22 11 16 00-0786	EA	5" Diameter, Sweat Brass Companion Flange	464.84	58.07
22 11 16 00-0787	EA	6" Diameter, Sweat Brass Companion Flange	542.79	84.38
22 11 16 00-0788	EA	8" Diameter, Copper Companion Flange	1,222.24	120.37
22 11 16 00-0789		**Brass Compression Fittings** *(22 11 16 00-0378)*		
22 11 16 00-0790		**Brass Compression Unions** *(22 11 16 00-0789)*		
22 11 16 00-0791	EA	1/4" Diameter, Brass Compression Union	21.42	13.47
22 11 16 00-0792	EA	3/8" Diameter, Brass Compression Union	21.75	13.47
22 11 16 00-0793	EA	1/2" Diameter, Brass Compression Union	22.76	13.47
22 11 16 00-0794	EA	5/8" Diameter, Brass Compression Union	23.24	13.47
22 11 16 00-0795	EA	3/4" Diameter, Brass Compression Union	32.08	13.47
22 11 16 00-0796	EA	3/8" x 1/4" Diameter, Brass Compression Union	21.98	13.47
22 11 16 00-0797	EA	1/2" x 3/8" Diameter, Brass Compression Union	22.84	13.47
22 11 16 00-0798	EA	5/8" x 3/8" Diameter, Brass Compression Union	23.44	13.47
22 11 16 00-0799	EA	5/8" x 1/2" Diameter, Brass Compression Union	24.40	13.47
22 11 16 00-0800		**Brass Compression Union Elbows** *(22 11 16 00-0789)*		
22 11 16 00-0801	EA	1/4" Diameter, Brass Compression Union Elbow	22.76	13.47
22 11 16 00-0802	EA	3/8" Diameter, Brass Compression Union Elbow	23.31	13.47
22 11 16 00-0803	EA	1/2" Diameter, Brass Compression Union Elbow	24.51	13.47
22 11 16 00-0804	EA	5/8" Diameter, Brass Compression Union Elbow	26.37	13.47
22 11 16 00-0805	EA	3/4" Diameter, Brass Compression Union Elbow	33.64	13.47
22 11 16 00-0806	EA	3/8" x 1/4" Diameter, Brass Compression Union Elbow	23.31	13.47
22 11 16 00-0807	EA	1/2" x 3/8" Diameter, Brass Compression Union Elbow	24.51	13.47
22 11 16 00-0808	EA	5/8" x 3/8" Diameter, Brass Compression Union Elbow	24.84	13.47
22 11 16 00-0809	EA	5/8" x 1/2" Diameter, Brass Compression Union Elbow	30.30	13.47
22 11 16 00-0810		**Brass Compression Union Tees** *(22 11 16 00-0789)*		
22 11 16 00-0811	EA	1/4" Diameter, Brass Compression Union Tee	23.18	13.47
22 11 16 00-0812	EA	3/8" Diameter, Brass Compression Union Tee	24.31	13.47
22 11 16 00-0813	EA	1/2" Diameter, Brass Compression Union Tee	25.51	13.47
22 11 16 00-0814	EA	5/8" Diameter, Brass Compression Union Tee	29.31	13.47
22 11 16 00-0815	EA	3/4" Diameter, Brass Compression Union Tee	42.43	13.47
22 11 16 00-0816	EA	3/8" x 3/8" x 1/4" Diameter, Brass Compression Union Tee	25.11	13.47
22 11 16 00-0817	EA	1/2" x 1/2" x 3/8" Diameter, Brass Compression Union Tee	31.27	13.47
22 11 16 00-0818	EA	5/8" x 5/8" x 3/8" Diameter, Brass Compression Union Tee	30.68	13.47
22 11 16 00-0819	EA	5/8" x 5/8" x 1/2" Diameter, Brass Compression Union Tee	31.37	13.47
22 11 16 00-0820		**Brass Compression Male Connectors** *(22 11 16 00-0789)*		
22 11 16 00-0821	EA	1/4" Diameter, Brass Compression Male Connector	21.18	13.47
22 11 16 00-0822	EA	3/8" Diameter, Brass Compression Male Connector	21.62	13.47
22 11 16 00-0823	EA	1/2" Diameter, Brass Compression Male Connector	22.38	13.47
22 11 16 00-0824	EA	5/8" Diameter, Brass Compression Male Connector	23.51	13.47
22 11 16 00-0825	EA	3/4" Diameter, Brass Compression Male Connector	28.51	13.33
22 11 16 00-0826		**Brass Compression Female Connectors** *(22 11 16 00-0789)*		
22 11 16 00-0827	EA	1/4" Diameter, Brass Compression Female Connector	21.66	13.47
22 11 16 00-0828	EA	3/8" Diameter, Brass Compression Female Connector	22.23	13.47
22 11 16 00-0829	EA	1/2" Diameter, Brass Compression Female Connector	23.19	13.47
22 11 16 00-0830	EA	5/8" Diameter, Brass Compression Female Connector	23.85	13.47
22 11 16 00-0831	EA	3/4" Diameter, Brass Compression Female Connector	36.85	13.21
22 11 16 00-0832		**Dielectric Fittings** *(22 11 16 00-0378)*		
22 11 16 00-0833		**Copper x Female Iron Pipe Thread Dielectric Unions** *(22 11 16 00-0832)*		
22 11 16 00-0834	EA	1/2" Diameter, Copper x Female Iron Pipe Thread Dielectric Union	52.53	29.91
22 11 16 00-0835	EA	3/4" Diameter, Copper x Female Iron Pipe Thread Dielectric Union	58.75	34.16
22 11 16 00-0836	EA	1" Diameter, Copper x Female Iron Pipe Thread Dielectric Union	69.54	37.54
22 11 16 00-0837	EA	1-1/4" Diameter, Copper x Female Iron Pipe Thread Dielectric Union	83.78	41.32
22 11 16 00-0838	EA	1-1/2" Diameter, Copper x Female Iron Pipe Thread Dielectric Union	100.82	45.91
22 11 16 00-0839	EA	2" Diameter, Copper x Female Iron Pipe Thread Dielectric Union	127.67	55.09
22 11 16 00-0840		**Female Brass Thread x Iron Pipe Thread Dielectric Unions** *(22 11 16 00-0832)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0841	EA	1/2" Diameter, Female Brass Thread x Iron Pipe Thread Dielectric Union	57.35	29.91
22 11 16 00-0842	EA	3/4" Diameter, Female Brass Thread x Iron Pipe Thread Dielectric Union	66.70	34.16
22 11 16 00-0843	EA	1" Diameter, Female Brass Thread x Iron Pipe Thread Dielectric Union	80.03	37.54
22 11 16 00-0844	EA	1-1/4" Diameter, Female Brass Thread x Iron Pipe Thread Dielectric Union	97.69	41.32
22 11 16 00-0845	EA	1-1/2" Diameter, Female Brass Thread x Iron Pipe Thread Dielectric Union	118.03	45.91
22 11 16 00-0846	EA	2" Diameter, Female Brass Thread x Iron Pipe Thread Dielectric Union	147.86	55.09
22 11 16 00-0847		**Female Iron Pipe Thread x Iron Pipe Thread Dielectric Unions** *(22 11 16 00-0832)*		
22 11 16 00-0848	EA	1/2" Diameter, Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	54.29	29.91
22 11 16 00-0849	EA	3/4" Diameter, Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	61.65	34.16
22 11 16 00-0850	EA	1" Diameter, Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	70.31	37.54
22 11 16 00-0851	EA	1-1/4" Diameter, Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	81.09	41.32
22 11 16 00-0852	EA	1-1/2" Diameter, Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	98.15	45.91
22 11 16 00-0853	EA	2" Diameter, Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	125.53	55.09
22 11 16 00-0854		**Copper x Female Iron Pipe Thread Dielectric Flanges** *(22 11 16 00-0832)*		
22 11 16 00-0855	EA	2-1/2" Diameter, Copper x Female Iron Pipe Thread Dielectric Flange	311.70	141.63
22 11 16 00-0856	EA	3" Diameter, Copper x Female Iron Pipe Thread Dielectric Flange	390.35	178.35
22 11 16 00-0857	EA	4" Diameter, Copper x Female Iron Pipe Thread Dielectric Flange	549.32	242.74
22 11 16 00-0858		**Copper x Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flanges** *(22 11 16 00-0832)*		
22 11 16 00-0859	EA	2-1/2" Diameter, Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange	313.70	141.63
22 11 16 00-0860	EA	3" Diameter, Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange	406.18	178.35
22 11 16 00-0861	EA	4" Diameter, Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange	731.98	242.74
22 11 16 00-0862		**Brass Push-Fit Fittings** *(22 11 16)*		
22 11 16 00-0863	EA	1/4" x 1/4" Diameter, Brass Push-Fit Coupling Note: (Sharkbite)	27.32	12.47
22 11 16 00-0864	EA	3/8" x 3/8" Diameter, Brass Push-Fit Coupling Note: (Sharkbite)	34.13	13.30
22 11 16 00-0865	EA	1/2" x 1/2" Diameter, Brass Push-Fit Coupling Note: (Sharkbite)	35.25	14.96
22 11 16 00-0866	EA	5/8" x 5/8" Diameter, Brass Push-Fit Coupling Note: (Sharkbite)	40.70	15.95
22 11 16 00-0867	EA	3/4" x 3/4" Diameter, Brass Push-Fit Coupling Note: (Sharkbite)	41.41	17.04
22 11 16 00-0868	EA	1" x 1" Diameter, Brass Push-Fit Coupling Note: (Sharkbite)	58.56	20.35
22 11 16 00-0869	EA	1/2" x 3/8" Diameter, Brass Push-Fit Reducing Coupling Note: (Sharkbite)	34.68	14.12
22 11 16 00-0870	EA	3/4" x 5/8" Diameter, Brass Push-Fit Reducing Coupling Note: (Sharkbite)	40.26	15.46
22 11 16 00-0871	EA	1" x 3/4" Diameter, Brass Push-Fit Reducing Coupling Note: (Sharkbite)	60.39	18.70
22 11 16 00-0872	EA	1/4" x 1/4" Diameter, Brass Push-Fit Elbow Note: (Sharkbite)	28.57	12.47
22 11 16 00-0873	EA	3/8" x 3/8" Diameter, Brass Push-Fit Elbow Note: (Sharkbite)	39.44	13.30
22 11 16 00-0874	EA	1/2" x 1/2" Diameter, Brass Push-Fit Elbow Note: (Sharkbite)	35.93	14.96
22 11 16 00-0875	EA	5/8" x 5/8" Diameter, Brass Push-Fit Elbow Note: (Sharkbite)	43.79	15.95
22 11 16 00-0876	EA	3/4" x 3/4" Diameter, Brass Push-Fit Elbow Note: (Sharkbite)	40.53	17.04
22 11 16 00-0877	EA	1" x 1" Diameter, Brass Push-Fit Elbow Note: (Sharkbite)	59.24	20.35
22 11 16 00-0878	EA	1/2" x 3/8" Diameter, Brass Push-Fit Reducing Elbow Note: (Sharkbite)	34.12	14.12
22 11 16 00-0879	EA	3/4" x 1/2" Diameter, Brass Push-Fit Reducing Elbow Note: (Sharkbite)	38.05	15.46
22 11 16 00-0880	EA	1" x 3/4" Diameter, Brass Push-Fit Reducing Elbow Note: (Sharkbite)	75.59	18.70
22 11 16 00-0881	EA	1/4" x 1/4" x 1/4" Diameter, Brass Push-Fit Tee Note: (Sharkbite)	43.37	18.70
22 11 16 00-0882	EA	3/8" x 3/8" x 3/8" Diameter, Brass Push-Fit Tee Note: (Sharkbite)	55.28	19.95
22 11 16 00-0883	EA	1/2" x 1/2" x 1/2" Diameter, Brass Push-Fit Tee Note: (Sharkbite)	50.22	22.43
22 11 16 00-0884	EA	5/8" x 5/8" x 5/8" Diameter, Brass Push-Fit Tee Note: (Sharkbite)	64.38	23.93
22 11 16 00-0885	EA	3/4" x 3/4" x 3/4" Diameter, Brass Push-Fit Tee Note: (Sharkbite)	58.63	25.55
22 11 16 00-0886	EA	1" x 1" x 1" Diameter, Brass Push-Fit Tee Note: (Sharkbite)	80.60	30.53
22 11 16 00-0887	EA	1/2" x 1/2" x 1/4" Diameter, Brass Push-Fit Reducing Tee Note: (Sharkbite)	56.74	21.18
22 11 16 00-0888	EA	1/2" x 1/2" x 3/8" Diameter, Brass Push-Fit Reducing Tee Note: (Sharkbite)	57.03	21.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0889	EA	3/4" x 3/4" x 1/2" Diameter, Brass Push-Fit Reducing Tee Note: (Sharkbite)	56.63	24.52
22 11 16 00-0890	EA	1" x 1" x 3/4" Diameter, Brass Push-Fit Reducing Tee Note: (Sharkbite)	78.27	28.88
22 11 16 00-0891	EA	1/4" x 1/2" Diameter, Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	32.64	13.71
22 11 16 00-0892	EA	3/8" x 1/2" Diameter, Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	32.19	14.12
22 11 16 00-0893	EA	1/2" x 1/2" Diameter, Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	31.71	14.96
22 11 16 00-0894	EA	3/4" x 3/4" Diameter, Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	36.33	17.04
22 11 16 00-0895	EA	1" x 1" Diameter, Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	51.41	20.35
22 11 16 00-0896	EA	1/4" x 1/2" Diameter, Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	28.38	13.71
22 11 16 00-0897	EA	3/8" x 1/2" Diameter, Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	32.19	14.12
22 11 16 00-0898	EA	1/2" x 1/2" Diameter, Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	31.80	14.96
22 11 16 00-0899	EA	3/4" x 3/4" Diameter, Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	35.94	17.04
22 11 16 00-0900	EA	5/8" x 3/4" Diameter, Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	39.26	16.49
22 11 16 00-0901	EA	1" x 3/4" Diameter, Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	47.23	18.70
22 11 16 00-0902	EA	1" x 1" Diameter, Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	52.20	20.35
22 11 16 00-0903	EA	1/2" Diameter, Brass Push-Fit Ball Valve Note: (Sharkbite)	46.46	14.96
22 11 16 00-0904	EA	3/4" Diameter, Brass Push-Fit Ball Valve Note: (Sharkbite)	54.37	17.04
22 11 16 00-0905	EA	1" Diameter, Brass Push-Fit Ball Valve Note: (Sharkbite)	72.04	20.35
22 11 16 00-0906	EA	1/2" Diameter, Brass Push-Fit Check Valve Note: (Sharkbite)	49.89	14.96
22 11 16 00-0907	EA	3/4" Diameter, Brass Push-Fit Check Valve Note: (Sharkbite)	60.16	17.04
22 11 16 00-0908	EA	1" Diameter, Brass Push-Fit Check Valve Note: (Sharkbite)	102.13	20.35

22 11 16 00-0909 Copper Pipe With Fittings And Hangers Assemblies *(22 11 16)*

Note: Includes hangers and all coupling, elbow, tee and reducer fittings. All fittings are based on 95/5 solder. All hangers are complete assemblies installed in accordance with MSS SP 58 and 69. Excludes insulation. Not for use where detail is available.

22 11 16 00-0910	LF	1/2" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	26.14	3.49
		For Type K Tubing Instead Of Type L, Add	*1.94*	
		For Type M Tubing Instead Of Type L, Deduct	*-1.58*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.26*	
		For For Brazed Fittings, Add	*0.78*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.28*	
		For Work In Restricted Working Space, Add	*5.85*	
22 11 16 00-0911	LF	3/4" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	30.97	4.49
		For Type K Tubing Instead Of Type L, Add	*2.43*	
		For Type M Tubing Instead Of Type L, Deduct	*-1.95*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.76*	
		For For Brazed Fittings, Add	*0.88*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.65*	
		For Work In Restricted Working Space, Add	*6.63*	
22 11 16 00-0912	LF	1" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	35.02	5.36
		For Type K Tubing Instead Of Type L, Add	*2.99*	
		For Type M Tubing Instead Of Type L, Deduct	*-2.35*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.07*	
		For For Brazed Fittings, Add	*0.93*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.91*	
		For Work In Restricted Working Space, Add	*6.95*	
22 11 16 00-0913	LF	1-1/4" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	40.50	6.23
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-1.64*	
		For Type K Tubing Instead Of Type L, Add	*3.83*	
		For Type M Tubing Instead Of Type L, Deduct	*-2.94*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.43*	
		For For Brazed Fittings, Add	*0.96*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.23*	
		For Work In Restricted Working Space, Add	*7.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0914	LF	1-1/2" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	45.94	7.11
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-2.03*	
		For Type K Tubing Instead Of Type L, Add	*4.56*	
		For Type M Tubing Instead Of Type L, Deduct	*-3.46*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.86*	
		For For Brazed Fittings, Add	*1.03*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.58*	
		For Work In Restricted Working Space, Add	*7.70*	
22 11 16 00-0915	LF	2" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	60.12	8.85
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-3.06*	
		For Type K Tubing Instead Of Type L, Add	*6.52*	
		For Type M Tubing Instead Of Type L, Deduct	*-4.85*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.96*	
		For For Brazed Fittings, Add	*1.18*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.48*	
		For Work In Restricted Working Space, Add	*8.86*	
22 11 16 00-0916	LF	2-1/2" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	76.60	10.67
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-4.49*	
		For Type K Tubing Instead Of Type L, Add	*9.10*	
		For Type M Tubing Instead Of Type L, Deduct	*-6.66*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.00*	
		For For Brazed Fittings, Add	*1.27*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.41*	
		For Work In Restricted Working Space, Add	*9.50*	
22 11 16 00-0917	LF	3" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	95.10	12.39
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-6.08*	
		For Type K Tubing Instead Of Type L, Add	*11.98*	
		For Type M Tubing Instead Of Type L, Deduct	*-8.67*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.18*	
		For For Brazed Fittings, Add	*1.37*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.47*	
		For Work In Restricted Working Space, Add	*10.29*	
22 11 16 00-0918	LF	4" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	152.82	16.41
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-10.85*	
		For Type K Tubing Instead Of Type L, Add	*20.69*	
		For Type M Tubing Instead Of Type L, Deduct	*-14.79*	
		For Silver Solder Instead Of 95/5 Solder, Add	*12.08*	
		For For Brazed Fittings, Add	*1.77*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.86*	
		For Work In Restricted Working Space, Add	*13.31*	
22 11 16 00-0919	LF	5" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	270.33	20.43
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-21.34*	
		For Type K Tubing Instead Of Type L, Add	*39.49*	
		For Type M Tubing Instead Of Type L, Deduct	*-27.89*	
		For Silver Solder Instead Of 95/5 Solder, Add	*19.21*	
		For For Brazed Fittings, Add	*2.28*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-16.36*	
		For Work In Restricted Working Space, Add	*17.08*	
22 11 16 00-0920	LF	6" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	353.69	24.68
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-28.14*	
		For Type K Tubing Instead Of Type L, Add	*51.97*	
		For Type M Tubing Instead Of Type L, Deduct	*-36.66*	
		For Silver Solder Instead Of 95/5 Solder, Add	*24.91*	
		For For Brazed Fittings, Add	*2.89*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-21.30*	
		For Work In Restricted Working Space, Add	*21.69*	
22 11 16 00-0921	LF	8" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	738.88	29.50
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-64.90*	
		For Type K Tubing Instead Of Type L, Add	*116.78*	
		For Type M Tubing Instead Of Type L, Deduct	*-81.48*	
		For Silver Solder Instead Of 95/5 Solder, Add	*45.93*	
		For For Brazed Fittings, Add	*3.59*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-41.44*	
		For Work In Restricted Working Space, Add	*26.96*	

22 11 16 00-0922 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe And Fittings *(22 11 16)*
Note: Socket weld.

22 11 16 00-0923 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe And Fittings *(22 11 16 00-0922)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0924		**Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pipe** *(22 11 16 00-0923)*		
22 11 16 00-0925	LF	1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	6.09	1.83
		For Work In Restricted Working Space, Add	*1.37*	
22 11 16 00-0926	LF	3/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	6.88	1.93
		For Work In Restricted Working Space, Add	*1.45*	
22 11 16 00-0927	LF	1" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	8.21	2.07
		For Work In Restricted Working Space, Add	*1.56*	
22 11 16 00-0928	LF	1-1/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	9.84	2.27
		For Work In Restricted Working Space, Add	*1.70*	
22 11 16 00-0929	LF	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	11.31	2.50
		For Work In Restricted Working Space, Add	*1.88*	
22 11 16 00-0930	LF	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	13.98	2.80
		For Work In Restricted Working Space, Add	*2.10*	
22 11 16 00-0931	LF	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	18.65	3.18
		For Work In Restricted Working Space, Add	*2.39*	
22 11 16 00-0932	LF	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	23.69	3.77
		For Work In Restricted Working Space, Add	*2.82*	
22 11 16 00-0933	LF	4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	32.52	4.62
		For Work In Restricted Working Space, Add	*3.47*	
22 11 16 00-0934	LF	6" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	55.24	5.88
		For Work In Restricted Working Space, Add	*4.41*	
22 11 16 00-0935	LF	8" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	79.07	7.71
		For Work In Restricted Working Space, Add	*5.78*	
22 11 16 00-0936		**Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbows** *(22 11 16 00-0923)*		
22 11 16 00-0937	EA	1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	24.16	8.72
		For Work In Restricted Working Space, Add	*6.54*	
22 11 16 00-0938	EA	3/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	31.20	11.01
		For Work In Restricted Working Space, Add	*8.27*	
22 11 16 00-0939	EA	1" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	40.32	13.77
		For Work In Restricted Working Space, Add	*10.36*	
22 11 16 00-0940	EA	1-1/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	54.28	17.22
		For Work In Restricted Working Space, Add	*12.95*	
22 11 16 00-0941	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	60.30	19.05
		For Work In Restricted Working Space, Add	*14.32*	
22 11 16 00-0942	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	70.19	19.05
		For Work In Restricted Working Space, Add	*15.98*	
22 11 16 00-0943	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	104.72	24.21
		For Work In Restricted Working Space, Add	*18.18*	
22 11 16 00-0944	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	119.56	28.70
		For Work In Restricted Working Space, Add	*21.49*	
22 11 16 00-0945	EA	4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	168.10	35.24
		For Work In Restricted Working Space, Add	*26.45*	
22 11 16 00-0946	EA	6" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	212.23	44.76
		For Work In Restricted Working Space, Add	*33.61*	
22 11 16 00-0947	EA	8" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	392.17	58.76
		For Work In Restricted Working Space, Add	*44.07*	
22 11 16 00-0948		**Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbows** *(22 11 16 00-0923)*		
22 11 16 00-0949	EA	1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	25.33	8.72
		For Work In Restricted Working Space, Add	*6.54*	
22 11 16 00-0950	EA	3/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	32.61	11.01
		For Work In Restricted Working Space, Add	*8.27*	
22 11 16 00-0951	EA	1" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	42.60	13.77
		For Work In Restricted Working Space, Add	*10.36*	
22 11 16 00-0952	EA	1-1/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	57.28	17.22
		For Work In Restricted Working Space, Add	*12.95*	
22 11 16 00-0953	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	63.96	19.05
		For Work In Restricted Working Space, Add	*14.32*	
22 11 16 00-0954	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	71.43	21.35
		For Work In Restricted Working Space, Add	*15.98*	
22 11 16 00-0955	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	105.50	24.21
		For Work In Restricted Working Space, Add	*18.18*	
22 11 16 00-0956	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	119.46	28.70
		For Work In Restricted Working Space, Add	*21.49*	
22 11 16 00-0957	EA	4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	153.77	35.24
		For Work In Restricted Working Space, Add	*26.45*	
22 11 16 00-0958	EA	6" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	239.09	44.76
		For Work In Restricted Working Space, Add	*33.61*	
22 11 16 00-0959	EA	8" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	411.20	58.76
		For Work In Restricted Working Space, Add	*44.07*	
22 11 16 00-0960		**Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tees** *(22 11 16 00-0923)*		
22 11 16 00-0961	EA	1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	36.99	13.09
		For Work In Restricted Working Space, Add	*9.81*	
22 11 16 00-0962	EA	3/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	48.14	16.52
		For Work In Restricted Working Space, Add	*12.40*	
22 11 16 00-0963	EA	1" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	60.26	20.77
		For Work In Restricted Working Space, Add	*15.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0964	EA	1-1/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	82.42	25.94
		For Work In Restricted Working Space, Add	*19.42*	
22 11 16 00-0965	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	91.89	28.70
		For Work In Restricted Working Space, Add	*21.49*	
22 11 16 00-0966	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	110.11	31.91
		For Work In Restricted Working Space, Add	*23.96*	
22 11 16 00-0967	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	140.56	36.39
		For Work In Restricted Working Space, Add	*27.27*	
22 11 16 00-0968	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	161.46	42.92
		For Work In Restricted Working Space, Add	*32.23*	
22 11 16 00-0969	EA	4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	196.05	52.91
		For Work In Restricted Working Space, Add	*39.67*	
22 11 16 00-0970	EA	6" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	292.74	67.26
		For Work In Restricted Working Space, Add	*50.41*	
22 11 16 00-0971	EA	8" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	577.42	88.15
		For Work In Restricted Working Space, Add	*66.11*	

22 11 16 00-0972 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Crosses *(22 11 16 00-0923)*

22 11 16 00-0973	EA	1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	47.30	17.45
		For Work In Restricted Working Space, Add	*13.09*	
22 11 16 00-0974	EA	3/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	60.97	22.04
		For Work In Restricted Working Space, Add	*16.53*	
22 11 16 00-0975	EA	1" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	76.32	27.66
		For Work In Restricted Working Space, Add	*20.73*	
22 11 16 00-0976	EA	1-1/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	101.54	34.54
		For Work In Restricted Working Space, Add	*25.89*	
22 11 16 00-0977	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	112.95	38.22
		For Work In Restricted Working Space, Add	*28.65*	
22 11 16 00-0978	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	132.54	42.58
		For Work In Restricted Working Space, Add	*31.95*	
22 11 16 00-0979	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	163.97	48.43
		For Work In Restricted Working Space, Add	*36.36*	
22 11 16 00-0980	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	189.77	57.27
		For Work In Restricted Working Space, Add	*42.97*	
22 11 16 00-0981	EA	4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	231.27	70.47
		For Work In Restricted Working Space, Add	*52.89*	
22 11 16 00-0982	EA	6" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	331.45	89.64
		For Work In Restricted Working Space, Add	*67.21*	
22 11 16 00-0983	EA	8" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	601.36	117.53
		For Work In Restricted Working Space, Add	*88.15*	

22 11 16 00-0984 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld Reducing Inserts *(22 11 16 00-0923)*

22 11 16 00-0985	EA	3/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	21.60	8.03
		For Work In Restricted Working Space, Add	*6.06*	
22 11 16 00-0986	EA	1" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	29.94	10.90
		For Work In Restricted Working Space, Add	*8.16*	
22 11 16 00-0987	EA	1-1/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	48.11	14.23
		For Work In Restricted Working Space, Add	*10.67*	
22 11 16 00-0988	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	54.15	15.73
		For Work In Restricted Working Space, Add	*11.81*	
22 11 16 00-0989	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	63.38	17.56
		For Work In Restricted Working Space, Add	*13.19*	
22 11 16 00-0990	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	69.46	19.97
		For Work In Restricted Working Space, Add	*15.01*	
22 11 16 00-0991	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	83.98	23.64
		For Work In Restricted Working Space, Add	*17.73*	
22 11 16 00-0992	EA	4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	112.61	29.04
		For Work In Restricted Working Space, Add	*21.83*	
22 11 16 00-0993	EA	6" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	177.27	36.96
		For Work In Restricted Working Space, Add	*27.72*	
22 11 16 00-0994	EA	8" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	376.58	48.43
		For Work In Restricted Working Space, Add	*36.36*	

22 11 16 00-0995 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Thread Reducing Inserts *(22 11 16 00-0923)*

22 11 16 00-0996	EA	1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	23.55	5.74
		For Work In Restricted Working Space, Add	*4.31*	
22 11 16 00-0997	EA	3/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	30.12	8.03
		For Work In Restricted Working Space, Add	*6.06*	
22 11 16 00-0998	EA	1" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	37.84	10.90
		For Work In Restricted Working Space, Add	*8.16*	
22 11 16 00-0999	EA	1-1/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	47.43	14.23
		For Work In Restricted Working Space, Add	*10.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1000	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	55.16	15.73
		For Work In Restricted Working Space, Add	*11.81*	
22 11 16 00-1001	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	68.40	17.56
		For Work In Restricted Working Space, Add	*13.19*	
22 11 16 00-1002	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	102.29	19.97
		For Work In Restricted Working Space, Add	*15.01*	
22 11 16 00-1003	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	195.58	23.64
		For Work In Restricted Working Space, Add	*17.73*	
22 11 16 00-1004	EA	4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	287.84	29.04
		For Work In Restricted Working Space, Add	*21.83*	

22 11 16 00-1005 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters *(22 11 16 00-0923)*

22 11 16 00-1006	EA	1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	17.87	5.74
		For Work In Restricted Working Space, Add	*4.31*	
22 11 16 00-1007	EA	3/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	24.96	8.03
		For Work In Restricted Working Space, Add	*6.06*	
22 11 16 00-1008	EA	1" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	35.23	10.90
		For Work In Restricted Working Space, Add	*8.16*	
22 11 16 00-1009	EA	1-1/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	47.43	14.23
		For Work In Restricted Working Space, Add	*10.67*	
22 11 16 00-1010	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	55.39	15.73
		For Work In Restricted Working Space, Add	*11.81*	
22 11 16 00-1011	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	65.63	17.56
		For Work In Restricted Working Space, Add	*13.19*	
22 11 16 00-1012	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	91.06	19.97
		For Work In Restricted Working Space, Add	*15.01*	
22 11 16 00-1013	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	108.71	23.64
		For Work In Restricted Working Space, Add	*17.73*	
22 11 16 00-1014	EA	4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	156.62	29.04
		For Work In Restricted Working Space, Add	*21.83*	

22 11 16 00-1015 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters *(22 11 16 00-0923)*

22 11 16 00-1016	EA	1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	19.21	5.74
		For Work In Restricted Working Space, Add	*4.31*	
22 11 16 00-1017	EA	3/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	25.39	8.03
		For Work In Restricted Working Space, Add	*6.06*	
22 11 16 00-1018	EA	1" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	35.34	10.90
		For Work In Restricted Working Space, Add	*8.16*	
22 11 16 00-1019	EA	1-1/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	47.82	14.23
		For Work In Restricted Working Space, Add	*10.67*	
22 11 16 00-1020	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	53.60	15.73
		For Work In Restricted Working Space, Add	*11.81*	
22 11 16 00-1021	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	64.16	17.56
		For Work In Restricted Working Space, Add	*13.19*	
22 11 16 00-1022	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	91.91	19.97
		For Work In Restricted Working Space, Add	*15.01*	
22 11 16 00-1023	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	123.53	23.64
		For Work In Restricted Working Space, Add	*17.73*	
22 11 16 00-1024	EA	4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	181.82	29.04
		For Work In Restricted Working Space, Add	*21.83*	

22 11 16 00-1025 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings *(22 11 16 00-0923)*

22 11 16 00-1026	EA	1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	16.09	5.28
		For Work In Restricted Working Space, Add	*3.93*	
22 11 16 00-1027	EA	3/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	22.60	7.35
		For Work In Restricted Working Space, Add	*5.51*	
22 11 16 00-1028	EA	1" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	30.39	9.87
		For Work In Restricted Working Space, Add	*7.40*	
22 11 16 00-1029	EA	1-1/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	40.89	12.97
		For Work In Restricted Working Space, Add	*9.71*	
22 11 16 00-1030	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	46.55	14.35
		For Work In Restricted Working Space, Add	*10.74*	
22 11 16 00-1031	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	52.41	15.95
		For Work In Restricted Working Space, Add	*11.98*	
22 11 16 00-1032	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	75.34	18.13
		For Work In Restricted Working Space, Add	*13.64*	
22 11 16 00-1033	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	83.91	21.47
		For Work In Restricted Working Space, Add	*16.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1034	EA	4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	105.66	26.40
		For Work In Restricted Working Space, Add	*19.83*	
22 11 16 00-1035	EA	6" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	162.03	33.63
		For Work In Restricted Working Space, Add	*25.20*	
22 11 16 00-1036	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	268.28	44.07
		For Work In Restricted Working Space, Add	*33.05*	
22 11 16 00-1037		**Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions** *(22 11 16 00-0923)*		
22 11 16 00-1038	EA	1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	28.52	6.31
		For Work In Restricted Working Space, Add	*4.72*	
22 11 16 00-1039	EA	3/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	35.45	8.84
		For Work In Restricted Working Space, Add	*6.61*	
22 11 16 00-1040	EA	1" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	43.45	11.82
		For Work In Restricted Working Space, Add	*8.88*	
22 11 16 00-1041	EA	1-1/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	71.33	15.50
		For Work In Restricted Working Space, Add	*11.64*	
22 11 16 00-1042	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	76.04	17.22
		For Work In Restricted Working Space, Add	*12.88*	
22 11 16 00-1043	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	102.93	19.17
		For Work In Restricted Working Space, Add	*14.39*	
22 11 16 00-1044	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	168.47	21.81
		For Work In Restricted Working Space, Add	*16.36*	
22 11 16 00-1045	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	236.70	25.83
		For Work In Restricted Working Space, Add	*19.35*	
22 11 16 00-1046	EA	4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	372.05	31.68
		For Work In Restricted Working Space, Add	*23.79*	
22 11 16 00-1047	EA	6" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	496.14	40.28
		For Work In Restricted Working Space, Add	*30.23*	
22 11 16 00-1048	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	615.17	52.91
		For Work In Restricted Working Space, Add	*39.67*	
22 11 16 00-1049		**Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Caps** *(22 11 16 00-0923)*		
22 11 16 00-1050	EA	1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	12.92	5.40
		For Work In Restricted Working Space, Add	*2.46*	
22 11 16 00-1051	EA	3/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	17.05	6.78
		For Work In Restricted Working Space, Add	*3.10*	
22 11 16 00-1052	EA	1" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	24.84	8.50
		For Work In Restricted Working Space, Add	*3.89*	
22 11 16 00-1053	EA	1-1/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	29.20	6.42
		For Work In Restricted Working Space, Add	*4.85*	
22 11 16 00-1054	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	31.18	7.12
		For Work In Restricted Working Space, Add	*5.37*	
22 11 16 00-1055	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	41.35	8.03
		For Work In Restricted Working Space, Add	*5.99*	
22 11 16 00-1056	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	61.23	9.07
		For Work In Restricted Working Space, Add	*6.82*	
22 11 16 00-1057	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	66.24	10.79
		For Work In Restricted Working Space, Add	*8.06*	
22 11 16 00-1058	EA	4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	99.49	13.20
		For Work In Restricted Working Space, Add	*9.92*	
22 11 16 00-1059	EA	6" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	207.32	16.75
		For Work In Restricted Working Space, Add	*12.60*	
22 11 16 00-1060	EA	8" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	267.36	22.04
		For Work In Restricted Working Space, Add	*16.53*	
22 11 16 00-1061		**Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges** *(22 11 16 00-0923)*		
22 11 16 00-1062	EA	1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges	21.86	4.13
		For Work In Restricted Working Space, Add	*3.13*	
22 11 16 00-1063	EA	3/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges	26.93	5.85
		For Work In Restricted Working Space, Add	*4.41*	
22 11 16 00-1064	EA	1" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges	33.38	7.92
		For Work In Restricted Working Space, Add	*5.92*	
22 11 16 00-1065	EA	1-1/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges	39.97	10.33
		For Work In Restricted Working Space, Add	*7.78*	
22 11 16 00-1066	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges	43.06	11.48
		For Work In Restricted Working Space, Add	*8.61*	
22 11 16 00-1067	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges	51.00	12.74
		For Work In Restricted Working Space, Add	*9.57*	
22 11 16 00-1068	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges	66.19	14.58
		For Work In Restricted Working Space, Add	*10.92*	
22 11 16 00-1069	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges	75.42	17.22
		For Work In Restricted Working Space, Add	*12.88*	
22 11 16 00-1070	EA	4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges	94.09	21.11
		For Work In Restricted Working Space, Add	*15.87*	
22 11 16 00-1071	EA	6" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges	132.00	26.85
		For Work In Restricted Working Space, Add	*20.18*	
22 11 16 00-1072	EA	8" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges	234.21	35.24
		For Work In Restricted Working Space, Add	*26.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1073		Polypropylene Random (PP-R), Heat Fusion, Domestic Water Pipe *(22 11 16)*		
22 11 16 00-1074		Polypropylene Random (PP-R), Heat Fusion, Domestic Hot Water Pipe *(22 11 16 00-1073)*		
		Note: Aquatherm greenpipe®		
22 11 16 00-1075	LF	1/2" Diameter, SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	5.24	1.95
22 11 16 00-1076	LF	3/4" Diameter, SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	6.09	2.03
22 11 16 00-1077	LF	1" Diameter, SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	8.22	2.44
22 11 16 00-1078	LF	1-1/4" Diameter, SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	10.26	2.61
22 11 16 00-1079	LF	1-1/2" Diameter, SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	14.09	2.94
22 11 16 00-1080	LF	2" Diameter, SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	18.52	3.00
22 11 16 00-1081	LF	2-1/2" Diameter, SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	26.38	4.07
22 11 16 00-1082	LF	3" Diameter, SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	34.88	4.71
22 11 16 00-1083	LF	3-1/2" Diameter, SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	46.75	5.26
22 11 16 00-1084	LF	4" Diameter, SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	55.20	5.81
22 11 16 00-1085		Polypropylene Random (PP-R), Heat Fusion, Domestic Cold Water Pipe *(22 11 16 00-1073)*		
		Note: Aquatherm greenpipe®		
22 11 16 00-1086	LF	1/2" Diameter, SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	4.82	1.95
22 11 16 00-1087	LF	3/4" Diameter, SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	5.39	2.03
22 11 16 00-1088	LF	1" Diameter, SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	6.97	2.44
22 11 16 00-1089	LF	1-1/4" Diameter, SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	8.43	2.61
22 11 16 00-1090	LF	1-1/2" Diameter, SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	10.90	2.94
22 11 16 00-1091	LF	2" Diameter, SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	13.99	3.00
22 11 16 00-1092	LF	2-1/2" Diameter, SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	19.41	4.07
22 11 16 00-1093	LF	3" Diameter, SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	25.68	4.71
22 11 16 00-1094	LF	3-1/2" Diameter, SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	35.20	5.26
22 11 16 00-1095	LF	4" Diameter, SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	41.52	5.81
22 11 16 00-1096		Polypropylene Random (PP-R), Heat Fusion, UV Protected, Domestic Hot Water Pipe *(22 11 16 00-1073)*		
		Note: Aquatherm greenpipe®.		
22 11 16 00-1097	LF	1/2" Diameter, SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	5.46	1.95
22 11 16 00-1098	LF	3/4" Diameter, SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	6.39	2.03
22 11 16 00-1099	LF	1" Diameter, SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	8.55	2.44
22 11 16 00-1100	LF	1-1/4" Diameter, SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	10.69	2.61
22 11 16 00-1101	LF	1-1/2" Diameter, SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	15.33	2.94
22 11 16 00-1102	LF	2" Diameter, SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	19.19	3.00
22 11 16 00-1103	LF	2-1/2" Diameter, SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	27.34	4.07
22 11 16 00-1104	LF	3" Diameter, SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	37.27	4.71
22 11 16 00-1105	LF	3-1/2" Diameter, SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	46.62	5.26
22 11 16 00-1106	LF	4" Diameter, SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	54.82	5.81
22 11 16 00-1107		Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe *(22 11 16 00-1073)*		
		Note: Aquatherm climatherm®.		
22 11 16 00-1108	LF	1/2" Diameter, SDR 7.4, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	4.80	1.96
22 11 16 00-1109	LF	3/4" Diameter, SDR 7.4, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	5.47	2.03
22 11 16 00-1110	LF	1" Diameter, SDR 11, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	6.51	2.44
22 11 16 00-1111	LF	1-1/4" Diameter, SDR 11, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	7.77	2.61
22 11 16 00-1112	LF	1-1/2" Diameter, SDR 11, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	9.72	2.94
22 11 16 00-1113	LF	2" Diameter, SDR 11, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	12.19	3.00
22 11 16 00-1114	LF	2-1/2" Diameter, SDR 11, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	16.96	4.07
22 11 16 00-1115	LF	3" Diameter, SDR 11, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	22.26	4.71
22 11 16 00-1116	LF	3-1/2" Diameter, SDR 11, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	29.57	5.26
22 11 16 00-1117	LF	4" Diameter, SDR 11, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	35.53	5.81
22 11 16 00-1118	LF	6" Diameter, SDR 11, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	42.76	7.45
22 11 16 00-1119	LF	8" Diameter, SDR 11, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	68.13	9.77
22 11 16 00-1120		Pipe Clamp For Polypropylene Random (PP-R) Pipe *(22 11 16 00-1073)*		
22 11 16 00-1121	EA	1/2" Diameter Pipe Clamp For Polypropylene Pipe	13.23	4.83
22 11 16 00-1122	EA	3/4" Diameter Pipe Clamp For Polypropylene Pipe	13.78	4.83
22 11 16 00-1123	EA	1" Diameter Pipe Clamp For Polypropylene Pipe	14.14	4.83
22 11 16 00-1124	EA	1-1/4" Diameter Pipe Clamp For Polypropylene Pipe	14.27	4.83
22 11 16 00-1125	EA	1-1/2" Diameter Pipe Clamp For Polypropylene Pipe	14.69	4.83
22 11 16 00-1126	EA	2" Diameter Pipe Clamp For Polypropylene Pipe	15.90	4.83
22 11 16 00-1127	EA	2-1/2" Diameter Pipe Clamp For Polypropylene Pipe	17.67	4.83
22 11 16 00-1128	EA	3" Diameter Pipe Clamp For Polypropylene Pipe	18.27	4.83
22 11 16 00-1129	EA	3-1/2" Diameter Pipe Clamp For Polypropylene Pipe	19.12	4.83
22 11 16 00-1130	EA	4" Diameter Pipe Clamp For Polypropylene Pipe	20.28	4.83
22 11 16 00-1131		Polypropylene Random (PP-R) Pipe, Pipe Fastening Strap *(22 11 16 00-1073)*		
22 11 16 00-1132	EA	Up to 1" Diameter Polypropylene Pipe, Single Pipe Fastening Strap, 1-3/8" Spike	4.51	
22 11 16 00-1133	EA	Up to 1" Diameter Polypropylene Pipe, Single Pipe Fastening Strap, 2-1/2" Spike	4.66	
22 11 16 00-1134	EA	Up to 1" Diameter Polypropylene Pipe, Double Pipe Fastening Strap, 1-3/8" Spike	4.73	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1135	EA	Up to 1" Diameter Polypropylene Pipe, Double Pipe Fastening Strap, 2-1/2" Spike	4.78	
22 11 16 00-1136		**Polypropylene Random (PP-R) Pipe Plastic Pipe Clamp** *(22 11 16 00-1073)*		
22 11 16 00-1137	EA	1/2" Diameter, Polypropylene Pipe Plastic Pipe Clamp	10.69	2.51
22 11 16 00-1138	EA	3/4" Diameter, Polypropylene Pipe Plastic Pipe Clamp	11.06	2.51
22 11 16 00-1139		**Polypropylene Random (PP-R), Heat Fusion, Socket Coupling** *(22 11 16 00-1073)*		
22 11 16 00-1140	EA	1/2" Polypropylene, Heat Fusion, Socket Coupling	9.33	3.90
22 11 16 00-1141	EA	3/4" Polypropylene, Heat Fusion, Socket Coupling	9.86	4.07
22 11 16 00-1142	EA	1" Polypropylene, Heat Fusion, Socket Coupling	12.04	4.89
22 11 16 00-1143	EA	1-1/4" Polypropylene, Heat Fusion, Socket Coupling	13.19	5.23
22 11 16 00-1144	EA	1-1/2" Polypropylene, Heat Fusion, Socket Coupling	17.44	5.88
22 11 16 00-1145	EA	2" Polypropylene, Heat Fusion, Socket Coupling	23.39	5.99
22 11 16 00-1146	EA	2-1/2" Polypropylene, Heat Fusion, Socket Coupling	29.05	8.14
22 11 16 00-1147	EA	3" Polypropylene, Heat Fusion, Socket Coupling	46.90	9.42
22 11 16 00-1148	EA	3-1/2" Polypropylene, Heat Fusion, Socket Coupling	66.68	10.53
22 11 16 00-1149	EA	4" Polypropylene, Heat Fusion, Socket Coupling	83.15	11.63
22 11 16 00-1150		**Polypropylene Random (PP-R), Heat Fusion, Bushing** *(22 11 16 00-1073)*		
22 11 16 00-1151	EA	1" Polypropylene, Heat Fusion, Bushing	10.09	3.90
22 11 16 00-1152	EA	1-1/4" Polypropylene, Heat Fusion, Bushing	11.67	4.07
22 11 16 00-1153	EA	1-1/2" Polypropylene, Heat Fusion, Bushing	15.61	4.89
22 11 16 00-1154	EA	2" Polypropylene, Heat Fusion, Bushing	22.16	5.23
22 11 16 00-1155	EA	2-1/2" Polypropylene, Heat Fusion, Bushing	24.82	5.88
22 11 16 00-1156	EA	3" Polypropylene, Heat Fusion, Bushing	41.10	5.99
22 11 16 00-1157	EA	3-1/2" Polypropylene, Heat Fusion, Bushing	62.83	8.14
22 11 16 00-1158	EA	4" x 2-1/2" Polypropylene, Heat Fusion, Bushing	75.65	9.42
22 11 16 00-1159	EA	4" x 3" Polypropylene, Heat Fusion, Bushing	91.69	10.53
22 11 16 00-1160	EA	4" x 3-1/2" Polypropylene, Heat Fusion, Bushing	96.02	11.63
22 11 16 00-1161		**Polypropylene Random (PP-R), Heat Fusion, Reducing Coupling** *(22 11 16 00-1073)*		
22 11 16 00-1162	EA	1-1/4" Polypropylene, Heat Fusion, Reducing Coupling	13.60	4.07
22 11 16 00-1163	EA	1-1/2" Polypropylene, Heat Fusion, Reducing Coupling	18.00	4.89
22 11 16 00-1164	EA	2" Polypropylene, Heat Fusion, Reducing Coupling	26.89	5.23
22 11 16 00-1165	EA	2-1/2" Polypropylene, Heat Fusion, Reducing Coupling	29.79	5.88
22 11 16 00-1166	EA	3" Polypropylene, Heat Fusion, Reducing Coupling	36.31	5.99
22 11 16 00-1167	EA	3-1/2" Polypropylene, Heat Fusion, Reducing Coupling	58.48	8.14
22 11 16 00-1168	EA	4" x 3" Polypropylene, Heat Fusion, Reducing Coupling	75.95	9.88
22 11 16 00-1169	EA	4" x 3-1/2" Polypropylene, Heat Fusion, Reducing Coupling	85.09	11.63
22 11 16 00-1170		**Polypropylene Random (PP-R), Heat Fusion, 90 Degree Elbow** *(22 11 16 00-1073)*		
22 11 16 00-1171	EA	1/2" Polypropylene, Heat Fusion, 90 Degree Elbow	17.23	7.79
22 11 16 00-1172	EA	3/4" Polypropylene, Heat Fusion, 90 Degree Elbow	18.51	8.20
22 11 16 00-1173	EA	1" Polypropylene, Heat Fusion, 90 Degree Elbow	22.60	9.77
22 11 16 00-1174	EA	1-1/4" Polypropylene, Heat Fusion, 90 Degree Elbow	25.75	10.53
22 11 16 00-1175	EA	1-1/2" Polypropylene, Heat Fusion, 90 Degree Elbow	33.51	11.69
22 11 16 00-1176	EA	2" Polypropylene, Heat Fusion, 90 Degree Elbow	39.42	11.92
22 11 16 00-1177	EA	2-1/2" Polypropylene, Heat Fusion, 90 Degree Elbow	67.22	16.34
22 11 16 00-1178	EA	3" Polypropylene, Heat Fusion, 90 Degree Elbow	95.10	18.84
22 11 16 00-1179	EA	3-1/2" Polypropylene, Heat Fusion, 90 Degree Elbow	123.64	21.04
22 11 16 00-1180	EA	4" Polypropylene, Heat Fusion, 90 Degree Elbow	172.15	23.26
22 11 16 00-1181		**Polypropylene Random (PP-R), Heat Fusion, 90 Degree Street Elbow** *(22 11 16 00-1073)*		
22 11 16 00-1182	EA	1/2" Polypropylene, Heat Fusion, 90 Degree Street Elbow	17.23	7.79
22 11 16 00-1183	EA	3/4" Polypropylene, Heat Fusion, 90 Degree Street Elbow	18.51	8.20
22 11 16 00-1184	EA	1" Polypropylene, Heat Fusion, 90 Degree Street Elbow	22.60	9.77
22 11 16 00-1185	EA	1-1/4" Polypropylene, Heat Fusion, 90 Degree Street Elbow	25.75	10.53
22 11 16 00-1186		**Polypropylene Random (PP-R), Heat Fusion, 45 Degree Elbow** *(22 11 16 00-1073)*		
22 11 16 00-1187	EA	1/2" Polypropylene, Heat Fusion, 45 Degree Elbow	17.23	7.79
22 11 16 00-1188	EA	3/4" Polypropylene, Heat Fusion, 45 Degree Elbow	18.51	8.20
22 11 16 00-1189	EA	1" Polypropylene, Heat Fusion, 45 Degree Elbow	22.60	9.77
22 11 16 00-1190	EA	1-1/4" Polypropylene, Heat Fusion, 45 Degree Elbow	25.75	10.53
22 11 16 00-1191	EA	1-1/2" Polypropylene, Heat Fusion, 45 Degree Elbow	33.51	11.69
22 11 16 00-1192	EA	2" Polypropylene, Heat Fusion, 45 Degree Elbow	39.23	11.92
22 11 16 00-1193	EA	2-1/2" Polypropylene, Heat Fusion, 45 Degree Elbow	66.80	16.34
22 11 16 00-1194	EA	3" Polypropylene, Heat Fusion, 45 Degree Elbow	100.68	18.84
22 11 16 00-1195	EA	3-1/2" Polypropylene, Heat Fusion, 45 Degree Elbow	131.81	21.04
22 11 16 00-1196	EA	4" Polypropylene, Heat Fusion, 45 Degree Elbow	184.68	23.26
22 11 16 00-1197		**Polypropylene Random (PP-R), Heat Fusion, 45 Degree Street Elbow** *(22 11 16 00-1073)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1198	EA	1/2" Polypropylene, Heat Fusion, 45 Degree Street Elbow	17.21	7.79
22 11 16 00-1199	EA	3/4" Polypropylene, Heat Fusion, 45 Degree Street Elbow	18.51	8.20
22 11 16 00-1200	EA	1" Polypropylene, Heat Fusion, 45 Degree Street Elbow	22.60	9.77
22 11 16 00-1201	EA	1-1/4" Polypropylene, Heat Fusion, 45 Degree Street Elbow	25.75	10.53
22 11 16 00-1202		**Polypropylene Random (PP-R), Heat Fusion, Tee** *(22 11 16 00-1073)*		
22 11 16 00-1203	EA	1/2" Polypropylene, Heat Fusion, Tee	25.60	11.69
22 11 16 00-1204	EA	3/4" Polypropylene, Heat Fusion, Tee	27.59	12.27
22 11 16 00-1205	EA	1" Polypropylene, Heat Fusion, Tee	33.08	14.60
22 11 16 00-1206	EA	1-1/4" Polypropylene, Heat Fusion, Tee	37.45	15.76
22 11 16 00-1207	EA	1-1/2" Polypropylene, Heat Fusion, Tee	52.07	17.56
22 11 16 00-1208	EA	2" Polypropylene, Heat Fusion, Tee	60.11	17.90
22 11 16 00-1209	EA	2-1/2" Polypropylene, Heat Fusion, Tee	89.64	24.48
22 11 16 00-1210	EA	3" Polypropylene, Heat Fusion, Tee	123.69	28.26
22 11 16 00-1211	EA	3-1/2" Polypropylene, Heat Fusion, Tee	167.81	31.54
22 11 16 00-1212	EA	4" Polypropylene, Heat Fusion, Tee	208.85	34.83
22 11 16 00-1213		**Polypropylene Random (PP-R), Heat Fusion, Reducing Tee** *(22 11 16 00-1073)*		
22 11 16 00-1214	EA	1/2" Polypropylene, Heat Fusion, Reducing Tee	25.60	11.69
22 11 16 00-1215	EA	3/4" Polypropylene, Heat Fusion, Reducing Tee	27.59	12.27
22 11 16 00-1216	EA	1" Polypropylene, Heat Fusion, Reducing Tee	33.04	14.60
22 11 16 00-1217	EA	1-1/4" Polypropylene, Heat Fusion, Reducing Tee	37.45	15.76
22 11 16 00-1218	EA	1-1/2" Polypropylene, Heat Fusion, Reducing Tee	52.07	17.56
22 11 16 00-1219	EA	2" Polypropylene, Heat Fusion, Reducing Tee	58.64	17.90
22 11 16 00-1220	EA	2-1/2" Polypropylene, Heat Fusion, Reducing Tee	86.16	24.48
22 11 16 00-1221	EA	3" Polypropylene, Heat Fusion, Reducing Tee	131.11	28.26
22 11 16 00-1222	EA	3-1/2" Polypropylene, Heat Fusion, Reducing Tee	179.65	31.54
22 11 16 00-1223	EA	4" x 2-1/2" Polypropylene, Heat Fusion, Reducing Tee	204.64	34.83
22 11 16 00-1224	EA	4" x 3" Polypropylene, Heat Fusion, Reducing Tee	209.33	34.83
22 11 16 00-1225	EA	4" x 3-1/2" Polypropylene, Heat Fusion, Reducing Tee	209.86	34.83
22 11 16 00-1226		**Polypropylene Random (PP-R), Heat Fusion, End Cap** *(22 11 16 00-1073)*		
22 11 16 00-1227	EA	1/2" Polypropylene, Heat Fusion, End Cap	10.21	3.90
22 11 16 00-1228	EA	3/4" Polypropylene, Heat Fusion, End Cap	11.20	4.07
22 11 16 00-1229	EA	1" Polypropylene, Heat Fusion, End Cap	13.48	4.89
22 11 16 00-1230	EA	1-1/4" Polypropylene, Heat Fusion, End Cap	16.31	5.23
22 11 16 00-1231	EA	1-1/2" Polypropylene, Heat Fusion, End Cap	19.80	5.88
22 11 16 00-1232	EA	2" Polypropylene, Heat Fusion, End Cap	25.47	5.99
22 11 16 00-1233	EA	2-1/2" Polypropylene, Heat Fusion, End Cap	35.84	8.14
22 11 16 00-1234	EA	3" Polypropylene, Heat Fusion, End Cap	63.02	9.42
22 11 16 00-1235	EA	3-1/2" Polypropylene, Heat Fusion, End Cap	74.18	10.53
22 11 16 00-1236	EA	4" Polypropylene, Heat Fusion, End Cap	104.20	11.63
22 11 16 00-1237		**Polypropylene Random (PP-R), Heat Fusion Outlet** *(22 11 16 00-1073)*		
22 11 16 00-1238	EA	1-1/4" x 1/2" Polypropylene, Heat Fusion Outlet	12.79	
22 11 16 00-1239	EA	1-1/4" x 3/4" Polypropylene, Heat Fusion Outlet	13.14	
22 11 16 00-1240	EA	1-1/2" x 1/2" Polypropylene, Heat Fusion Outlet	13.36	
22 11 16 00-1241	EA	1-1/2" x 3/4" Polypropylene, Heat Fusion Outlet	13.71	
22 11 16 00-1242	EA	2" x 1/2" Polypropylene, Heat Fusion Outlet	14.31	
22 11 16 00-1243	EA	2" x 3/4" Polypropylene, Heat Fusion Outlet	14.66	
22 11 16 00-1244	EA	2" x 1" Polypropylene, Heat Fusion Outlet	16.40	
22 11 16 00-1245	EA	2-1/2" x 1/2" Polypropylene, Heat Fusion Outlet	15.26	
22 11 16 00-1246	EA	2-1/2" x 3/4" Polypropylene, Heat Fusion Outlet	15.61	
22 11 16 00-1247	EA	2-1/2" x 1" Polypropylene, Heat Fusion Outlet	17.35	
22 11 16 00-1248	EA	2-1/2" x 1-1/4" Polypropylene, Heat Fusion Outlet	18.17	
22 11 16 00-1249	EA	3" x 1/2" Polypropylene, Heat Fusion Outlet	16.21	
22 11 16 00-1250	EA	3" x 3/4" Polypropylene, Heat Fusion Outlet	16.56	
22 11 16 00-1251	EA	3" x 1" Polypropylene, Heat Fusion Outlet	18.30	
22 11 16 00-1252	EA	3" x 1-1/4" Polypropylene, Heat Fusion Outlet	19.12	
22 11 16 00-1253	EA	3-1/2" x 1/2" Polypropylene, Heat Fusion Outlet	16.21	
22 11 16 00-1254	EA	3-1/2" x 3/4" Polypropylene, Heat Fusion Outlet	17.51	
22 11 16 00-1255	EA	3-1/2" x 1" Polypropylene, Heat Fusion Outlet	19.25	
22 11 16 00-1256	EA	3-1/2" x 1-1/4" Polypropylene, Heat Fusion Outlet	20.07	
22 11 16 00-1257	EA	3-1/2" x 1-1/2" Polypropylene, Heat Fusion Outlet	23.72	
22 11 16 00-1258	EA	4" x 1/2" Polypropylene, Heat Fusion Outlet	18.11	
22 11 16 00-1259	EA	4" x 3/4" Polypropylene, Heat Fusion Outlet	18.46	
22 11 16 00-1260	EA	4" x 1" Polypropylene, Heat Fusion Outlet	20.20	
22 11 16 00-1261	EA	4" x 1-1/4" Polypropylene, Heat Fusion Outlet	21.02	
22 11 16 00-1262	EA	4" x 1-1/2" Polypropylene, Heat Fusion Outlet	23.72	
22 11 16 00-1263	EA	4" x 2" Polypropylene, Heat Fusion Outlet	27.98	
22 11 16 00-1264		**Polypropylene Random (PP-R), Flange Adaptor With Gaskets Included** *(22 11 16 00-1073)*		
22 11 16 00-1265	EA	1" Polypropylene, Flange Adaptor With Gaskets Included	15.10	4.89
22 11 16 00-1266	EA	1-1/4" Polypropylene, Flange Adaptor With Gaskets Included	16.76	5.23
22 11 16 00-1267	EA	1-1/2" Polypropylene, Flange Adaptor With Gaskets Included	21.58	5.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1268	EA	2" Polypropylene, Flange Adaptor With Gaskets Included	23.08	5.99
22 11 16 00-1269	EA	2-1/2" Polypropylene, Flange Adaptor With Gaskets Included	31.81	8.14
22 11 16 00-1270	EA	3" Polypropylene, Flange Adaptor With Gaskets Included	50.43	9.42
22 11 16 00-1271	EA	3-1/2" Polypropylene, Flange Adaptor With Gaskets Included	68.09	10.53
22 11 16 00-1272	EA	4" Polypropylene, Flange Adaptor With Gaskets Included	143.10	11.63
22 11 16 00-1273		**Polypropylene Random (PP-R), Flange Ring With ANSI Bolt Pattern** *(22 11 16 00-1073)*		
22 11 16 00-1274	EA	1" Polypropylene, Flange Ring With ANSI Bolt Pattern	25.21	
22 11 16 00-1275	EA	1-1/4" Polypropylene, Flange Ring With ANSI Bolt Pattern	33.29	
22 11 16 00-1276	EA	1-1/2" Polypropylene, Flange Ring With ANSI Bolt Pattern	41.53	
22 11 16 00-1277	EA	2" Polypropylene, Flange Ring With ANSI Bolt Pattern	49.34	
22 11 16 00-1278	EA	2-1/2" Polypropylene, Flange Ring With ANSI Bolt Pattern	68.97	
22 11 16 00-1279	EA	3" Polypropylene, Flange Ring With ANSI Bolt Pattern	80.07	
22 11 16 00-1280	EA	3-1/2" Polypropylene, Flange Ring With ANSI Bolt Pattern	99.17	
22 11 16 00-1281	EA	4" Polypropylene, Flange Ring With ANSI Bolt Pattern	120.09	
22 11 16 00-1282		**Polypropylene Random (PP-R), Electrofusion Coupling** *(22 11 16 00-1073)*		
22 11 16 00-1283	EA	1/2" Polypropylene, Electrofusion Coupling	55.31	7.79
22 11 16 00-1284	EA	3/4" Polypropylene, Electrofusion Coupling	57.67	8.20
22 11 16 00-1285	EA	1" Polypropylene, Electrofusion Coupling	65.78	9.77
22 11 16 00-1286	EA	1-1/4" Polypropylene, Electrofusion Coupling	68.01	10.53
22 11 16 00-1287	EA	1-1/2" Polypropylene, Electrofusion Coupling	74.04	11.69
22 11 16 00-1288	EA	2" Polypropylene, Electrofusion Coupling	97.30	11.92
22 11 16 00-1289	EA	2-1/2" Polypropylene, Electrofusion Coupling	119.74	16.34
22 11 16 00-1290	EA	3" Polypropylene, Electrofusion Coupling	148.78	18.84
22 11 16 00-1291	EA	3-1/2" Polypropylene, Electrofusion Coupling	199.88	21.04
22 11 16 00-1292	EA	4" Polypropylene, Electrofusion Coupling	245.11	23.26
22 11 16 00-1293		**Polypropylene Random (PP-R), Heat Fusion, FIP Rear-Mount Back Plate Elbow** *(22 11 16 00-1073)*		
22 11 16 00-1294	EA	1/2" Polypropylene, Heat Fusion, FIP Rear-Mount Back Plate Elbow	30.22	10.70
22 11 16 00-1295	EA	3/4" Polypropylene, Heat Fusion, FIP Rear-Mount Back Plate Elbow	35.42	11.11
22 11 16 00-1296		**Polypropylene Random (PP-R), Heat Fusion, FIP Side-Mount Back Plate Elbow** *(22 11 16 00-1073)*		
22 11 16 00-1297	EA	1/2" Polypropylene, Heat Fusion, FIP Side-Mount Back Plate Elbow	32.34	10.70
22 11 16 00-1298		**Polypropylene Random (PP-R), Heat Fusion, ISO Plug For Pressure Test** *(22 11 16 00-1073)*		
22 11 16 00-1299	EA	1/2" Polypropylene, Heat Fusion, ISO Plug For Pressure Test	8.99	3.90
22 11 16 00-1300	EA	3/4" Polypropylene, Heat Fusion, ISO Plug For Pressure Test	9.70	4.07
22 11 16 00-1301		**Polypropylene Random (PP-R), Heat Fusion, Round FIP NPT Transition Piece** *(22 11 16 00-1073)*		
22 11 16 00-1302	EA	1/2" x 1/2" Polypropylene, Heat Fusion, Round FIP NPT Transition Piece	23.14	7.79
22 11 16 00-1303	EA	1/2" x 3/4" Polypropylene, Heat Fusion, Round FIP NPT Transition Piece	25.54	7.79
22 11 16 00-1304	EA	3/4" x 1/2" Polypropylene, Heat Fusion, Round FIP NPT Transition Piece	23.95	8.20
22 11 16 00-1305	EA	3/4" x 3/4" Polypropylene, Heat Fusion, Round FIP NPT Transition Piece	26.35	8.20
22 11 16 00-1306	EA	1" x 3/4" Polypropylene, Heat Fusion, Round FIP NPT Transition Piece	30.49	9.77
22 11 16 00-1307		**Polypropylene Random (PP-R), Heat Fusion, Hex FIP NPT Transition Piece** *(22 11 16 00-1073)*		
22 11 16 00-1308	EA	1/2" x 1/2" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	27.45	7.79
22 11 16 00-1309	EA	1/2" x 3/4" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	29.48	7.79
22 11 16 00-1310	EA	3/4" x 1/2" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	28.26	8.20
22 11 16 00-1311	EA	3/4" x 3/4" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	30.29	8.20
22 11 16 00-1312	EA	1" x 3/4" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	35.55	9.77
22 11 16 00-1313	EA	1" x 1" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	52.05	9.77
22 11 16 00-1314	EA	1-1/4" x 1" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	55.17	10.53
22 11 16 00-1315	EA	1-1/4" x 1-1/4" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	72.40	10.53
22 11 16 00-1316	EA	1-1/2" x 1-1/4" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	76.44	11.69
22 11 16 00-1317	EA	1-1/2" x 1-1/2" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	82.94	11.69
22 11 16 00-1318	EA	2" x 1-1/2" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	89.09	11.92
22 11 16 00-1319	EA	2" x 2" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	116.07	11.92
22 11 16 00-1320	EA	2-1/2" x 2" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	128.97	16.34
22 11 16 00-1321		**Polypropylene Random (PP-R), Heat Fusion, Round MIP NPT Transition Piece** *(22 11 16 00-1073)*		
22 11 16 00-1322	EA	1/2" x 1/2" Polypropylene, Heat Fusion, Round MIP NPT Transition Piece	33.39	7.79
22 11 16 00-1323	EA	1/2" x 3/4" Polypropylene, Heat Fusion, Round MIP NPT Transition Piece	35.93	7.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1324	EA	3/4" x 1/2" Polypropylene, Heat Fusion, Round MIP NPT Transition Piece	34.20	8.20
22 11 16 00-1325	EA	3/4" x 3/4" Polypropylene, Heat Fusion, Round MIP NPT Transition Piece	36.74	8.20
22 11 16 00-1326	EA	1" x 3/4" Polypropylene, Heat Fusion, Round MIP NPT Transition Piece	43.58	9.77
22 11 16 00-1327		**Polypropylene Random (PP-R), Heat Fusion, Hex MIP NPT Transition Piece** *(22 11 16 00-1073)*		
22 11 16 00-1328	EA	1/2" x 1/2" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	28.64	7.79
22 11 16 00-1329	EA	1/2" x 3/4" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	30.50	7.79
22 11 16 00-1330	EA	3/4" x 3/4" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	31.31	8.20
22 11 16 00-1331	EA	1" x 1" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	44.56	9.77
22 11 16 00-1332	EA	1" x 1-1/4" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	61.66	9.77
22 11 16 00-1333	EA	1-1/4" x 1" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	46.97	10.53
22 11 16 00-1334	EA	1-1/4" x 1-1/4" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	65.84	10.53
22 11 16 00-1335	EA	1-1/2" x 1-1/4" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	69.65	11.69
22 11 16 00-1336	EA	1-1/2" x 1-1/2" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	80.40	11.69
22 11 16 00-1337	EA	2" x 1-1/2" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	91.39	11.92
22 11 16 00-1338	EA	2" x 2" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	102.84	11.92
22 11 16 00-1339	EA	2-1/2" x 2" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	113.58	16.34
22 11 16 00-1340	EA	2-1/2" x 2-1/2" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	153.79	16.34
22 11 16 00-1341	EA	3" x 3" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	226.55	18.84
22 11 16 00-1342	EA	3-1/2" x 4" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	429.32	21.04
22 11 16 00-1343		**Polypropylene Random (PP-R), Heat Fusion, Transition FIP NPT Elbow** *(22 11 16 00-1073)*		
22 11 16 00-1344	EA	1/2" x 3/4" Polypropylene, Heat Fusion, Transition FIP NPT Elbow	28.79	7.79
22 11 16 00-1345	EA	1/2" x 1/2" Polypropylene, Heat Fusion, Transition FIP NPT Elbow	24.41	7.79
22 11 16 00-1346	EA	3/4" x 3/4" Polypropylene, Heat Fusion, Transition FIP NPT Elbow	29.60	8.20
22 11 16 00-1347	EA	3/4" x 1/2" Polypropylene, Heat Fusion, Transition FIP NPT Elbow	25.22	8.20
22 11 16 00-1348	EA	1" x 3/4" Polypropylene, Heat Fusion, Transition FIP NPT Elbow	34.17	9.77
22 11 16 00-1349	EA	1" x 1" Polypropylene, Heat Fusion, Transition FIP NPT Elbow	51.20	9.77
22 11 16 00-1350		**Polypropylene Random (PP-R), Heat Fusion, Transition Male/Female x FIP NPT Street Elbow** *(22 11 16 00-1073)*		
22 11 16 00-1351	EA	1/2" x 1/2" Polypropylene, Heat Fusion, Transition Male/Female x FIP NPT Street Elbow	24.41	7.79
22 11 16 00-1352		**Polypropylene Random (PP-R), Heat Fusion, Transition MIP NPT Elbow** *(22 11 16 00-1073)*		
22 11 16 00-1353	EA	1/2" x 1/2" Polypropylene, Heat Fusion, Transition MIP NPT Elbow	26.60	7.79
22 11 16 00-1354	EA	1/2" x 3/4" Polypropylene, Heat Fusion, Transition MIP NPT Elbow	28.02	7.79
22 11 16 00-1355	EA	3/4" x 3/4" Polypropylene, Heat Fusion, Transition MIP NPT Elbow	28.83	8.20
22 11 16 00-1356	EA	1" x 3/4" Polypropylene, Heat Fusion, Transition MIP NPT Elbow	35.79	9.77
22 11 16 00-1357	EA	1" x 1" Polypropylene, Heat Fusion, Transition MIP NPT Elbow	48.44	9.77
22 11 16 00-1358		**Polypropylene Random (PP-R), Heat Fusion, Transition FIP NPT Tee** *(22 11 16 00-1073)*		
22 11 16 00-1359	EA	1/2" x 1/2" x 1/2" Polypropylene, Heat Fusion, Transition FIP NPT Tee	33.83	11.69
22 11 16 00-1360	EA	1/2" x 1/2" x 3/4" Polypropylene, Heat Fusion, Transition FIP NPT Tee	37.29	11.69
22 11 16 00-1361	EA	3/4" x 3/4" x 1/2" Polypropylene, Heat Fusion, Transition FIP NPT Tee	34.99	12.27
22 11 16 00-1362	EA	3/4" x 3/4" x 3/4" Polypropylene, Heat Fusion, Transition FIP NPT Tee	38.45	12.27
22 11 16 00-1363	EA	1" x 1" x 3/4" Polypropylene, Heat Fusion, Transition FIP NPT Tee	45.44	14.60
22 11 16 00-1364	EA	1" x 1" x 1" Polypropylene, Heat Fusion, Transition FIP NPT Tee	60.99	14.60
22 11 16 00-1365	EA	1-1/2" x 1-1/2" x 1" Polypropylene, Heat Fusion, Transition FIP NPT Tee	70.92	17.56
22 11 16 00-1366		**Polypropylene Random (PP-R), Heat Fusion, Transition MIP NPT Tee** *(22 11 16 00-1073)*		
22 11 16 00-1367	EA	1/2" x 1/2" x 1/2" Polypropylene, Heat Fusion, Transition MIP NPT Tee	36.16	11.69
22 11 16 00-1368		**Polypropylene Random (PP-R), Heat Fusion, Transition PP-R x Brass Compression Fitting** *(22 11 16 00-1073)*		
22 11 16 00-1369	EA	1/2" x 1/2" Polypropylene, Heat Fusion, Transition PP-R x Brass Compression Fitting	24.54	3.90
22 11 16 00-1370		**Polypropylene Random (PP-R), Heat Fusion, Fusion Outlet x FIP NPT** *(22 11 16 00-1073)*		
22 11 16 00-1371	EA	1/2" Polypropylene, Heat Fusion, Fusion Outlet x FIP NPT	21.61	
22 11 16 00-1372	EA	3/4" Polypropylene, Heat Fusion, Fusion Outlet x FIP NPT	27.48	
22 11 16 00-1373	EA	1" Polypropylene, Heat Fusion, Fusion Outlet x FIP NPT	37.66	
22 11 16 00-1374		**Polypropylene Random (PP-R), Heat Fusion, Fusion Outlet x MIP NPT** *(22 11 16 00-1073)*		
22 11 16 00-1375	EA	1/2" Polypropylene, Heat Fusion, Fusion Outlet x MIP NPT	25.00	
22 11 16 00-1376	EA	3/4" Polypropylene, Heat Fusion, Fusion Outlet x MIP NPT	33.76	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1377		**Polypropylene Random (PP-R), Heat Fusion, PEX Adaptor** *(22 11 16 00-1073)*		
22 11 16 00-1378	EA	1/2" Polypropylene, Heat Fusion, PEX Adaptor	17.61	3.90
22 11 16 00-1379	EA	3/4" Polypropylene, Heat Fusion, PEX Adaptor	26.04	4.07
22 11 16 00-1380	EA	1" Polypropylene, Heat Fusion, PEX Adaptor	34.03	4.89
22 11 16 00-1381		**Polypropylene Random (PP-R), Heat Fusion, FIP Stop Valve Body** *(22 11 16 00-1073)*		
22 11 16 00-1382	EA	1/2" Diameter, Polypropylene, Heat Fusion, FIP Stop Valve Body	24.68	8.55
22 11 16 00-1383	EA	3/4" Diameter, Polypropylene, Heat Fusion, FIP Stop Valve Body	25.61	9.01
22 11 16 00-1384	EA	1" Diameter, Polypropylene, Heat Fusion, FIP Stop Valve Body	35.87	10.70
22 11 16 00-1385	EA	1-1/4" Diameter, Polypropylene, Heat Fusion, FIP Stop Valve Body	54.12	11.57
22 11 16 00-1386		**Polypropylene Random (PP-R), Heat Fusion, Inclined Check Valve** *(22 11 16 00-1073)*		
22 11 16 00-1387	EA	1/2" Diameter, Polypropylene, Heat Fusion, Inclined Check Valve	68.43	8.55
22 11 16 00-1388	EA	3/4" Diameter, Polypropylene, Heat Fusion, Inclined Check Valve	69.36	9.01
22 11 16 00-1389	EA	1" Diameter, Polypropylene, Heat Fusion, Inclined Check Valve	82.85	10.70
22 11 16 00-1390	EA	1-1/4" Diameter, Polypropylene, Heat Fusion, Inclined Check Valve	134.78	11.57
22 11 16 00-1391		**Polypropylene Random (PP-R), Heat Fusion, Ball Valve** *(22 11 16 00-1073)*		
22 11 16 00-1392	EA	1/2" Diameter, Polypropylene, Heat Fusion, Ball Valve	63.40	8.55
22 11 16 00-1393	EA	3/4" Diameter, Polypropylene, Heat Fusion, Ball Valve	70.16	9.01
22 11 16 00-1394	EA	1" Diameter, Polypropylene, Heat Fusion, Ball Valve	85.03	10.70
22 11 16 00-1395	EA	1-1/4" Diameter, Polypropylene, Heat Fusion, Ball Valve	119.38	11.57
22 11 16 00-1396	EA	1-1/2" Diameter, Polypropylene, Heat Fusion, Ball Valve	172.80	12.85
22 11 16 00-1397	EA	2" Diameter, Polypropylene, Heat Fusion, Ball Valve	261.56	13.14
22 11 16 00-1398		**Extension For Ball Valve** *(22 11 16 00-1073)*		
22 11 16 00-1399	EA	Extension For 1/2" to 3/4" Diameter Ball Valve, 1-3/8" Length	32.24	
22 11 16 00-1400	EA	Extension For 1" to 1-1/4" Diameter Ball Valve, 1-3/8" Length	32.29	
22 11 16 00-1401	EA	Extension For 1-1/2" to 2" Diameter Ball Valve, 1-3/4" Length	35.27	
22 11 16 00-1402		**Polypropylene Random (PP-R), Heat Fusion, Draining Branch** *(22 11 16 00-1073)*		
22 11 16 00-1403	EA	1/2" Polypropylene, Heat Fusion, Draining Branch	31.43	7.79
22 11 16 00-1404	EA	3/4" Polypropylene, Heat Fusion, Draining Branch	32.24	8.20
22 11 16 00-1405	EA	1" Polypropylene, Heat Fusion, Draining Branch	37.07	9.77
22 11 16 00-1406	EA	1-1/4" Polypropylene, Heat Fusion, Draining Branch	38.57	10.53
22 11 16 00-1407	EA	1-1/2" Polypropylene, Heat Fusion, Draining Branch	42.36	11.69
22 11 16 00-1408	EA	2" Polypropylene, Heat Fusion, Draining Branch	45.37	11.92
22 11 16 00-1409		**Cross-Linked Polyethylene (PEX, XPE or XLPE) Tubing And Fittings (Viega)** *(22 11 16)* Note: ASTM F876/F877 standards and listed to ANSI/NSF Standards 14 and 61		
22 11 16 00-1410		**Cross-Linked Polyethylene (PEX, XPE or XLPE) Tubing** *(22 11 16 00-1409)*		
22 11 16 00-1411	LF	1/2" Diameter, Cross-Linked Polyethylene (PEX, XPE or XLPE) Tubing	5.57	3.33
22 11 16 00-1412	LF	3/4" Diameter, Cross-Linked Polyethylene (PEX, XPE or XLPE) Tubing	7.32	4.13
22 11 16 00-1413	LF	1" Diameter, Cross-Linked Polyethylene (PEX, XPE or XLPE) Tubing	8.58	4.36
22 11 16 00-1414	LF	1-1/4" Diameter, Cross-Linked Polyethylene (PEX, XPE or XLPE) Tubing	14.48	4.57
22 11 16 00-1415	LF	1-1/2" Diameter, Cross-Linked Polyethylene (PEX, XPE or XLPE) Tubing	15.72	4.82
22 11 16 00-1416	LF	2" Diameter, Cross-Linked Polyethylene (PEX, XPE or XLPE) Tubing	24.34	5.74
22 11 16 00-1417		**Cross-Linked Polyethylene (PEX, XPE or XLPE) Fittings** *(22 11 16 00-1409)*		
22 11 16 00-1418		**Male Adapters** *(22 11 16 00-1417)*		
22 11 16 00-1419	EA	1/2" Diameter, Male Adapter, Bronze Press Fitting	22.52	12.39
22 11 16 00-1420	EA	3/4" Diameter, Male Adapter, Bronze Press Fitting	31.94	16.41
22 11 16 00-1421	EA	1" Diameter, Male Adapter, Bronze Press Fitting	42.94	20.43
22 11 16 00-1422	EA	1-1/4" Diameter, Male Adapter, Bronze Press Fitting	72.70	26.46
22 11 16 00-1423	EA	1-1/2" Diameter, Male Adapter, Bronze Press Fitting	82.46	32.59
22 11 16 00-1424	EA	2" Diameter, Male Adapter, Bronze Press Fitting	108.72	41.43
22 11 16 00-1425		**Female Adapters** *(22 11 16 00-1417)*		
22 11 16 00-1426	EA	1/2" Diameter, Female Adapter, Bronze Press Fitting	25.19	12.39
22 11 16 00-1427	EA	3/4" Diameter, Female Adapter, Bronze Press Fitting	32.62	16.41
22 11 16 00-1428	EA	1" Diameter, Female Adapter, Bronze Press Fitting	48.37	20.43
22 11 16 00-1429		**Tees** *(22 11 16 00-1417)*		
22 11 16 00-1430	EA	1/2" Diameter, Tee, Bronze Press Fitting	38.05	20.43
22 11 16 00-1431	EA	5/8" Diameter, Tee, Bronze Press Fitting	45.72	24.68
22 11 16 00-1432	EA	3/4" Diameter, Tee, Bronze Press Fitting	47.25	24.68
22 11 16 00-1433	EA	1" Diameter, Tee, Bronze Press Fitting	72.71	32.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1434	EA	1-1/4" Diameter, Tee, Bronze Press Fitting	115.72	40.95
22 11 16 00-1435	EA	1-1/2" Diameter, Tee, Bronze Press Fitting	139.22	49.36
22 11 16 00-1436	EA	2" Diameter, Tee, Bronze Press Fitting	182.30	61.29
22 11 16 00-1437	EA	3/4" x 1/2" Diameter, Reducing Tee, Bronze Press Fitting	47.25	24.68
22 11 16 00-1438	EA	1" x 3/4" Diameter, Reducing Tee, Bronze Press Fitting	66.90	32.59
22 11 16 00-1439	EA	1-1/4" x 1" Diameter, Reducing Tee, Bronze Press Fitting	107.23	40.95
22 11 16 00-1440	EA	1-1/2" x 1" Diameter, Reducing Tee, Bronze Press Fitting	130.35	49.36
22 11 16 00-1441	EA	1-1/2" x 1-1/4" Diameter, Reducing Tee, Bronze Press Fitting	137.50	49.36
22 11 16 00-1442	EA	2" x 1-1/2" Diameter, Reducing Tee, Bronze Press Fitting	171.32	61.29
22 11 16 00-1443		**Couplings** *(22 11 16 00-1417)*		
22 11 16 00-1444	EA	1/2" Diameter, Coupling, Bronze Press Fitting	22.63	12.39
22 11 16 00-1445	EA	5/8" Diameter, Coupling, Bronze Press Fitting	31.94	16.41
22 11 16 00-1446	EA	3/4" Diameter, Coupling, Bronze Press Fitting	31.48	16.41
22 11 16 00-1447	EA	1" Diameter, Coupling, Bronze Press Fitting	43.71	20.43
22 11 16 00-1448	EA	1-1/4" Diameter, Coupling, Bronze Press Fitting	71.36	26.46
22 11 16 00-1449	EA	1-1/2" Diameter, Coupling, Bronze Press Fitting	93.36	32.59
22 11 16 00-1450	EA	2" Diameter, Coupling, Bronze Press Fitting	123.84	41.43
22 11 16 00-1451	EA	3/4" x 1/2" Diameter, Reducing Coupling, Bronze Press Fitting	34.92	16.41
22 11 16 00-1452	EA	1" x 3/4" Diameter, Reducing Coupling, Bronze Press Fitting	43.32	20.43
22 11 16 00-1453	EA	1-1/4" x 1" Diameter, Reducing Coupling, Bronze Press Fitting	65.70	26.46
22 11 16 00-1454	EA	1-1/2" x 1" Diameter, Reducing Coupling, Bronze Press Fitting	84.68	32.59
22 11 16 00-1455	EA	1-1/2" x 1-1/4" Diameter, Reducing Coupling, Bronze Press Fitting	88.00	32.59
22 11 16 00-1456	EA	2" x 1-1/2" Diameter, Reducing Coupling, Bronze Press Fitting	116.40	41.43
22 11 16 00-1457		**90 Degree Elbows** *(22 11 16 00-1417)*		
22 11 16 00-1458	EA	1/2" Diameter, 90 Degree Elbow, Bronze Press Fitting	24.43	12.28
22 11 16 00-1459	EA	5/8" Diameter, 90 Degree Elbow, Bronze Press Fitting	31.94	16.41
22 11 16 00-1460	EA	3/4" Diameter, 90 Degree Elbow, Bronze Press Fitting	33.27	16.41
22 11 16 00-1461	EA	1" Diameter, 90 Degree Elbow, Bronze Press Fitting	50.86	20.43
22 11 16 00-1462	EA	1-1/4" Diameter, 90 Degree Elbow, Bronze Press Fitting	81.49	26.46
22 11 16 00-1463	EA	1-1/2" Diameter, 90 Degree Elbow, Bronze Press Fitting	102.26	32.59
22 11 16 00-1464	EA	2" Diameter, 90 Degree Elbow, Bronze Press Fitting	136.21	41.43

22 11 19 Domestic Water Piping Specialties *(22 11)*

See CSI section 23 21 16 00-0000 for additional piping specialties.

22 11 19 00-0001 Rubber Hose And Clamps *(22 11 19)*

22 11 19 00-0002 General Purpose Hose *(22 11 19 00-0001)*

Note: For medium pressure (up to 200/250 psi) applications requiring excellent resistance to air, oil and heat.

22 11 19 00-0003	LF	3/8" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	8.20	2.48
22 11 19 00-0004	LF	1/2" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	9.65	2.48
22 11 19 00-0005	LF	5/8" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	11.82	2.48
22 11 19 00-0006	LF	3/4" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	11.93	2.48
22 11 19 00-0007	LF	1" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	16.30	3.73
22 11 19 00-0008	LF	1-1/4" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	27.04	3.73
22 11 19 00-0009	LF	1-1/2" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	29.40	4.96
22 11 19 00-0010	LF	2" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	56.48	4.96

22 11 19 00-0011 Reinfored EPDM Water Hose Assembly *(22 11 19 00-0001)*

Note: Includes male/female camlock, 150 psi, synthetic fiber with steel wire helix reinforcement.

22 11 19 00-0012	LF	1-1/2" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement	75.04	4.96
22 11 19 00-0013	LF	2" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement	88.56	4.96
22 11 19 00-0014	LF	3" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement	124.52	6.10
22 11 19 00-0015	LF	4" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement	174.95	8.24

22 11 19 00-0016 Chemical Resistant Rubber Hoses *(22 11 19 00-0001)*

22 11 19 00-0017	EA	50' x 6" Brown Gum Rubber, Chemical Resistant Flexible Hose	1,366.82	306.80
22 11 19 00-0018	EA	50' x 6" Nitrile Rubber, Low pH Resistance, Flexible Hose	1,860.31	306.80

22 11 19 00-0019 Water Pump Hose *(22 11 19 00-0001)*

22 11 19 00-0020	EA	2" Inside Diameter, 20' Rubber Discharge Hose	637.79	75.78
22 11 19 00-0021	EA	2" Inside Diameter, 20' Rubber Intake Hose	675.40	75.78

22 11 19 00-0022 Barbed Hose x Threaded Male Pipe, Steel Coupling *(22 11 19 00-0001)*

22 11 19 00-0023	EA	3/8" Inside Diameter Barbed Hose x 1/2" Threaded Male Pipe, Steel Coupling	31.69	10.42
22 11 19 00-0024	EA	1/2" Inside Diameter Barbed Hose x 1/2" Threaded Male Pipe, Steel Coupling	33.57	11.17
22 11 19 00-0025	EA	5/8" Inside Diameter Barbed Hose x 3/4" Threaded Male Pipe, Steel Coupling	35.97	11.91
22 11 19 00-0026	EA	3/4" Inside Diameter Barbed Hose x 3/4" Threaded Male Pipe, Steel Coupling	40.10	13.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0027	EA	1" Inside Diameter Barbed Hose x 1" Threaded Male Pipe, Steel Coupling	48.86	16.38
22 11 19 00-0028	EA	1-1/4" Inside Diameter Barbed Hose x 1-1/4" Threaded Male Pipe, Steel Coupling	57.80	19.60
22 11 19 00-0029	EA	1-1/2" Inside Diameter Barbed Hose x 1-1/2" Threaded Male Pipe, Steel Coupling	74.30	25.79
22 11 19 00-0030	EA	2" Inside Diameter Barbed Hose x 2" Threaded Male Pipe, Steel Coupling	93.62	32.25
22 11 19 00-0031		**Worm-Drive Hose Clamp** *(22 11 19 00-0001)*		
22 11 19 00-0032	EA	3/8" To 1" Diameter, Worm Drive Hose Clamp	13.01	3.73
22 11 19 00-0033	EA	1/2" To 1-1/6" Diameter, Worm Drive Hose Clamp	13.76	3.73
22 11 19 00-0034	EA	5/8" To 1-1/2" Diameter, Worm Drive Hose Clamp	14.57	3.73
22 11 19 00-0035	EA	3/4" To 2" Diameter, Worm Drive Hose Clamp	15.50	3.73
22 11 19 00-0036	EA	1" To 2-1/2" Diameter, Worm Drive Hose Clamp	16.57	3.73
22 11 19 00-0037	EA	1-1/4" To 2-3/4" Diameter, Worm Drive Hose Clamp	17.94	4.96
22 11 19 00-0038	EA	1-1/2" To 3" Diameter, Worm Drive Hose Clamp	19.37	4.96
22 11 19 00-0039		**Trap Primer And Accessories** *(22 11 19)*		
22 11 19 00-0040		**Trap Primer** *(22 11 19 00-0039)*		
22 11 19 00-0041	EA	1/2" Diameter Inlet/Outlet, Flow Through Automatic Trap Primer (JR Smith 2699)	342.38	18.70
22 11 19 00-0042	EA	1/2" Diameter Inlet/Outlet, Automatic Trap Primer, Up To Two Floor Drains (PPP PR-500)	209.67	12.47
22 11 19 00-0043	EA	1/2" Diameter Inlet/Outlet, Automatic Trap Primer, Up To Four Floor Drains (PPP PO-500)	202.94	12.47
22 11 19 00-0044		**Trap Primer Distribution Unit** *(22 11 19 00-0039)*		
22 11 19 00-0045	EA	Molded Plastic Four Opening Trap Primer Distribution Unit (PPP DU-U) Note: Can be used for two, three or four drains.	171.35	24.93
22 11 19 00-0046	EA	Copper Four Opening Trap Primer Distribution Unit (PPP DU-4) Note: Can be used for two, three or four drains.	189.48	24.93
22 11 19 00-0047		**Trap Primer Manifold** *(22 11 19 00-0039)*		
22 11 19 00-0048	EA	Two Outlet Trap Primer Manifold	274.23	33.53
22 11 19 00-0049	EA	Four Outlet Trap Primer Manifold	417.08	38.14
22 11 19 00-0050	EA	Six Outlet Trap Primer Manifold	556.97	40.39
22 11 19 00-0051	EA	Eight Outlet Trap Primer Manifold	701.26	47.36
22 11 19 00-0052		**Sewage Air Release Valves** *(22 11 19)*		
22 11 19 00-0053		**Cast Iron, Sewage Air Release Valves** *(22 11 19 00-0052)* Note: Stainless steel float.		
22 11 19 00-0054	EA	2" x 1/2" Diameter NPT, Cast Iron, Sewage Air Release Valve (Apco 400)	1,183.02	45.52
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0055	EA	3" x 1/2" Diameter NPT, Cast Iron, Sewage Air Release Valve (Apco 400)	1,445.62	76.06
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0056	EA	4" x 1/2" Diameter NPT, Cast Iron, Sewage Air Release Valve (Apco 400)	1,833.27	96.02
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0057		**Cast Iron, Sewage Air Vacuum Valves** *(22 11 19 00-0052)* Note: Stainless steel float.		
22 11 19 00-0058	EA	2" x 1" Diameter NPT, Cast Iron, Sewage Air Vacuum Valve (Apco 401)	1,209.02	45.52
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0059	EA	2" x 2" Diameter NPT, Cast Iron, Sewage Air Vacuum Valve (Apco 402)	2,385.52	45.52
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0060	EA	3" x 2" Diameter NPT, Cast Iron, Sewage Air Vacuum Valve (Apco 403)	2,856.12	76.06
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0061	EA	4" x 4" Diameter NPT, With Hood, Cast Iron, Sewage Air Vacuum Valve (Apco 404)	4,235.02	96.02
22 11 19 00-0062		**Cast Iron, Sewage Combination Air Valves** *(22 11 19 00-0052)* Note: Stainless steel float.		
22 11 19 00-0063	EA	2" x 1" Diameter NPT, Sewage Combination Air Valve (Apco 443)	2,600.02	45.52
22 11 19 00-0064	EA	2" x 2" Diameter NPT, Sewage Combination Air Valve (Apco 445)	3,591.27	45.52
22 11 19 00-0065	EA	3" x 3" Diameter NPT, Sewage Combination Air Valve (Apco 447)	4,195.12	76.06
22 11 19 00-0066	EA	4" x 4" Diameter NPT, Sewage Combination Air Valve (Apco 449)	5,128.77	96.02
22 11 19 00-0067		**Brass, Anti Siphon Vacuum Breakers** *(22 11 19)* Note: Watts 288A		
22 11 19 00-0068	EA	1/2" Brass, Anti Siphon Vacuum Breaker	119.73	31.16
22 11 19 00-0069	EA	3/4" Brass, Anti Siphon Vacuum Breaker	137.78	34.90
22 11 19 00-0070	EA	1" Brass, Anti Siphon Vacuum Breaker	288.24	39.88
22 11 19 00-0071	EA	1-1/4" Brass, Anti Siphon Vacuum Breaker	461.74	46.12
22 11 19 00-0072	EA	1-1/2" Brass, Anti Siphon Vacuum Breaker	551.74	51.10
22 11 19 00-0073	EA	2" Brass, Anti Siphon Vacuum Breaker	810.05	62.33
22 11 19 00-0074	EA	2-1/2" Brass, Anti Siphon Vacuum Breaker	2,140.15	77.91
22 11 19 00-0075		**Anti Siphon Pressure Vacuum Breakers** *(22 11 19)* Note: Watts 800M4QT		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0076	EA	1/2" Anti Siphon Pressure Type Vacuum Breaker	362.86	31.16
22 11 19 00-0077	EA	3/4" Anti Siphon Pressure Type Vacuum Breaker	315.84	34.90
22 11 19 00-0078	EA	1" Anti Siphon Pressure Type Vacuum Breaker	453.61	39.88
22 11 19 00-0079	EA	1-1/4" Anti Siphon Pressure Type Vacuum Breaker	825.56	46.12
22 11 19 00-0080	EA	1-1/2" Anti Siphon Pressure Type Vacuum Breaker	1,005.77	51.10
22 11 19 00-0081	EA	2" Anti Siphon Pressure Type Vacuum Breaker	1,013.43	62.33
22 11 19 00-0082		**Bellows Type Water Hammer Arrestors** *(22 11 19)*		
22 11 19 00-0083	EA	Up To 11 Fixture Unit Capacity, 3/4" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5005)	268.48	14.90
22 11 19 00-0084	EA	>11 To 32 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5010)	522.59	18.03
22 11 19 00-0085	EA	>32 To 60 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5020)	762.56	18.03
22 11 19 00-0086	EA	>60 To 113 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5030)	1,858.10	18.03
22 11 19 00-0087	EA	>113 To 154 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5040)	2,086.67	18.03
22 11 19 00-0088	EA	>154 To 330 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5050)	2,556.60	18.03
22 11 19 00-0089		**Piston Type Water Hammer Arrestors** *(22 11 19)*		
22 11 19 00-0090		**Threaded Piston Type Water Hammer Arrestors** *(22 11 19 00-0089)*		
22 11 19 00-0091	EA	Up To 11 Fixture Unit Capacity, 1/2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-A)	202.51	8.31
22 11 19 00-0092	EA	>11 To 32 Fixture Unit Capacity, 3/4" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-B)	390.95	9.58
22 11 19 00-0093	EA	>32 To 60 Fixture Unit Capacity, 1" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-C)	582.20	10.39
22 11 19 00-0094	EA	>60 To 113 Fixture Unit Capacity, 1-1/4" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-D)	1,436.04	13.40
22 11 19 00-0095	EA	>113 To 154 Fixture Unit Capacity, 1-1/2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-E)	1,748.94	16.62
22 11 19 00-0096	EA	>154 To 330 Fixture Unit Capacity, 2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-F)	1,990.44	18.03
22 11 19 00-0097		**Escutcheons** *(22 11 19)*		
22 11 19 00-0098		**Brass Escutcheons** *(22 11 19 00-0097)*		
22 11 19 00-0099		**Shallow Brass Escutcheons** *(22 11 19 00-0098)*		
22 11 19 00-0100	EA	3/8" IPS, Antique Or Polished Brass Shallow Escutcheon	14.16	3.12
22 11 19 00-0101	EA	1/2" IPS, Antique Or Polished Brass Shallow Escutcheon	15.27	3.12
22 11 19 00-0102		**Deep Bell Brass Escutcheons** *(22 11 19 00-0098)*		
22 11 19 00-0103	EA	3/8" IPS, Antique Or Polished Deep Bell Brass Escutcheon	16.70	3.49
22 11 19 00-0104	EA	1/2" IPS, Antique Or Polished Deep Bell Brass Escutcheon	16.74	3.49
22 11 19 00-0105		**Chrome Plated Brass Escutcheons With Setscrew** *(22 11 19 00-0098)*		
22 11 19 00-0106	EA	3/8" IPS, Chrome Plated Brass Escutcheon With Setscrew	22.45	3.12
22 11 19 00-0107	EA	1/2" IPS, Chrome Plated Brass Escutcheon With Setscrew	22.69	3.12
22 11 19 00-0108	EA	5/8" IPS, Chrome Plated Brass Escutcheon With Setscrew	23.03	3.12
22 11 19 00-0109	EA	3/4" IPS, Chrome Plated Brass Escutcheon With Setscrew	24.27	3.12
22 11 19 00-0110	EA	7/8" IPS, Chrome Plated Brass Escutcheon With Setscrew	24.67	3.74
22 11 19 00-0111	EA	1" IPS, Chrome Plated Brass Escutcheon With Setscrew	25.87	3.74
22 11 19 00-0112	EA	1-1/4" IPS, Chrome Plated Brass Escutcheon With Setscrew	26.84	4.12
22 11 19 00-0113	EA	1-1/2" IPS, Chrome Plated Brass Escutcheon With Setscrew	28.09	4.36
22 11 19 00-0114	EA	2" IPS, Chrome Plated Brass Escutcheon With Setscrew	40.13	4.98
22 11 19 00-0115		**Plastic Escutcheons** *(22 11 19 00-0097)*		
22 11 19 00-0116		**Split-Ring White Plastic Escutcheons** *(22 11 19 00-0115)*		
22 11 19 00-0117	EA	3/8" IPS, Split-Ring White Plastic Escutcheon	7.71	3.10
22 11 19 00-0118	EA	1/2" IPS, Split-Ring White Plastic Escutcheon	7.71	3.10
22 11 19 00-0119	EA	3/4" IPS, Split-Ring White Plastic Escutcheon	9.02	3.47
22 11 19 00-0120	EA	1" IPS, Split-Ring White Plastic Escutcheon	9.77	3.73
22 11 19 00-0121	EA	1-1/4" IPS, Split-Ring White Plastic Escutcheon	10.52	4.10
22 11 19 00-0122	EA	1-1/2" IPS, Split-Ring White Plastic Escutcheon	11.24	4.34
22 11 19 00-0123	EA	2" IPS, Split-Ring White Plastic Escutcheon	12.65	4.96
22 11 19 00-0124	EA	2-1/2" IPS, Split-Ring White Plastic Escutcheon	16.41	5.33
22 11 19 00-0125	EA	3" IPS, Split-Ring White Plastic Escutcheon	20.18	5.58
22 11 19 00-0126	EA	4" IPS, Split-Ring White Plastic Escutcheon	24.54	6.21
22 11 19 00-0127		**Chrome Plate Plastic Escutcheons** *(22 11 19 00-0115)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0128	EA	1/2" IPS, Chrome Plate Plastic Escutcheon	10.28	3.10
22 11 19 00-0129	EA	3/4" IPS, Chrome Plate Plastic Escutcheon	11.22	3.47
22 11 19 00-0130	EA	1" IPS, Chrome Plate Plastic Escutcheon	12.61	3.73
22 11 19 00-0131	EA	1-1/4" IPS, Chrome Plate Plastic Escutcheon	14.00	4.10
22 11 19 00-0132	EA	1-1/2" IPS, Chrome Plate Plastic Escutcheon	14.74	4.34
22 11 19 00-0133	EA	2" IPS, Chrome Plate Plastic Escutcheon	18.61	4.96
22 11 19 00-0134	EA	2-1/2" IPS, Chrome Plate Plastic Escutcheon	27.15	5.33
22 11 19 00-0135	EA	3" IPS, Chrome Plate Plastic Escutcheon	28.11	5.58
22 11 19 00-0136	EA	4" IPS, Chrome Plate Plastic Escutcheon	30.00	6.21
22 11 19 00-0137		Stainless Steel Escutcheons *(22 11 19 00-0097)*		
22 11 19 00-0138		Shallow Stainless Steel Escutcheons *(22 11 19 00-0137)*		
22 11 19 00-0139	EA	3/8" IPS, Shallow Stainless Steel Escutcheon	19.70	3.12
22 11 19 00-0140	EA	1/2" IPS, Shallow Stainless Steel Escutcheon	19.70	3.12
22 11 19 00-0141	EA	3/4" IPS, Shallow Stainless Steel Escutcheon	28.13	3.49
22 11 19 00-0142		Chrome Plated Steel Escutcheons *(22 11 19 00-0097)*		
22 11 19 00-0143		Split-Ring Chrome Plated Steel Escutcheons *(22 11 19 00-0142)*		
22 11 19 00-0144	EA	1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	6.92	3.10
22 11 19 00-0145	EA	3/4" IPS, Split-Ring Chrome Plated Steel Escutcheon	7.53	3.47
22 11 19 00-0146	EA	1" IPS, Split-Ring Chrome Plated Steel Escutcheon	8.28	3.73
22 11 19 00-0147	EA	1-1/4" IPS, Split-Ring Chrome Plated Steel Escutcheon	8.90	4.10
22 11 19 00-0148	EA	1-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	9.53	4.34
22 11 19 00-0149	EA	2" IPS, Split-Ring Chrome Plated Steel Escutcheon	10.97	4.96
22 11 19 00-0150	EA	2-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	16.33	5.33
22 11 19 00-0151	EA	3" IPS, Split-Ring Chrome Plated Steel Escutcheon	17.34	5.58
22 11 19 00-0152	EA	3-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	21.25	5.95
22 11 19 00-0153	EA	4" IPS, Split-Ring Chrome Plated Steel Escutcheon	18.91	6.21
22 11 19 00-0154	EA	5" IPS, Split-Ring Chrome Plated Steel Escutcheon	24.29	6.82
22 11 19 00-0155	EA	6" IPS, Split-Ring Chrome Plated Steel Escutcheon	28.27	7.44
22 11 19 00-0156		Split-Ring/Springs Chrome Plated Steel Escutcheons *(22 11 19 00-0142)*		
22 11 19 00-0157	EA	3/8" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	10.88	3.10
22 11 19 00-0158	EA	1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	10.88	3.10
22 11 19 00-0159	EA	3/4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	11.64	3.47
22 11 19 00-0160	EA	1" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	13.06	3.73
22 11 19 00-0161	EA	1-1/4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	13.91	4.10
22 11 19 00-0162	EA	1-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	14.74	4.34
22 11 19 00-0163	EA	2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	17.45	4.96
22 11 19 00-0164	EA	2-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	20.03	5.33
22 11 19 00-0165	EA	3" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	24.40	5.58
22 11 19 00-0166	EA	3-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	29.88	5.95
22 11 19 00-0167	EA	4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	30.36	6.21
22 11 19 00-0168	EA	5" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	49.81	6.82
22 11 19 00-0169	EA	6" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	52.02	7.44
22 11 19 00-0170		Deep Bell Chrome Plated Steel Escutcheons *(22 11 19 00-0142)*		
22 11 19 00-0171	EA	3/8" IPS, Deep Bell Chrome Plated Steel Escutcheon	8.43	3.49
22 11 19 00-0172	EA	1/2" IPS, Deep Bell Chrome Plated Steel Escutcheon	8.32	3.49
22 11 19 00-0173	EA	3/4" IPS, Deep Bell Chrome Plated Steel Escutcheon	8.07	3.49
22 11 19 00-0174	EA	1" IPS, Deep Bell Chrome Plated Steel Escutcheon	8.96	3.74
22 11 19 00-0175	EA	1-1/4" IPS, Deep Bell Chrome Plated Steel Escutcheon	9.72	4.12
22 11 19 00-0176	EA	1-1/2" IPS, Deep Bell Chrome Plated Steel Escutcheon	10.70	4.36
22 11 19 00-0177		Shallow Chrome Plated Steel Escutcheons *(22 11 19 00-0142)*		
22 11 19 00-0178	EA	3/8" IPS, Shallow Chrome Plated Steel Escutcheon	7.61	3.12
22 11 19 00-0179	EA	1/2" IPS, Shallow Chrome Plated Steel Escutcheon	7.61	3.12
22 11 19 00-0180	EA	3/4" IPS, Shallow Chrome Plated Steel Escutcheon	7.73	3.12
22 11 19 00-0181	EA	1" IPS, Shallow Chrome Plated Steel Escutcheon	8.26	3.74
22 11 19 00-0182	EA	1-1/4" IPS, Shallow Chrome Plated Steel Escutcheon	8.94	4.12
22 11 19 00-0183	EA	1-1/2" IPS, Shallow Chrome Plated Steel Escutcheon	9.90	4.36
22 11 19 00-0184	EA	2" IPS, Shallow Chrome Plated Steel Escutcheon	11.22	4.98
22 11 19 00-0185		Wall Hydrants *(22 11 19)* Note: Female inlet connection, 3/4" hose thread outlet.		
22 11 19 00-0186		Cast Bronze, Non-Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrants *(22 11 19 00-0185)* Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0187	EA	6" Thick Wall, Cast Bronze, Non-Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	440.01	31.16
		For 1" NPT Outlet, Add	*45.92*	
		For Cast Bronze Box, Add	*19.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0188	EA	12" Thick Wall, Cast Bronze, Non-Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	472.26	37.40
		For 1" NPT Outlet, Add	*45.92*	
		For Cast Bronze Box, Add	*19.48*	
22 11 19 00-0189	EA	18" Thick Wall, Cast Bronze, Non-Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	497.79	45.00
		For 1" NPT Outlet, Add	*45.92*	
		For Cast Bronze Box, Add	*19.48*	
22 11 19 00-0190		**Cast Bronze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrants** *(22 11 19 00-0185)*		
		Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0191	EA	Cast Bronze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	500.71	52.35
		For 1" NPT Outlet, Add	*45.92*	
		For Cast Bronze Box, Add	*19.48*	
22 11 19 00-0192		**Cast Bronze Non-Freezing Wall Hydrant** *(22 11 19 00-0185)*		
		Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0193	EA	3" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	294.75	38.64
		For 1" NPT Outlet, Add	*45.92*	
22 11 19 00-0194	EA	4" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	344.07	38.64
		For 1" NPT Outlet, Add	*45.92*	
22 11 19 00-0195	EA	6" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	344.07	38.64
		For 1" NPT Outlet, Add	*45.92*	
22 11 19 00-0196	EA	8" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	344.07	38.64
		For 1" NPT Outlet, Add	*45.92*	
22 11 19 00-0197	EA	10" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	355.56	77.91
		For 1" NPT Outlet, Add	*45.92*	
22 11 19 00-0198	EA	12" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	355.56	77.91
		For 1" NPT Outlet, Add	*45.92*	
22 11 19 00-0199	EA	18" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	389.89	77.91
		For 1" NPT Outlet, Add	*45.92*	
22 11 19 00-0200		**Stainless Steel Box Type Wall Hydrants** *(22 11 19 00-0185)*		
		Note: With 3/4" NPT female and 3/4" NPT male inlet connection.		
22 11 19 00-0201	EA	Recessed Stainless Steel Hose Box With Wall Flange Less Door (Acorn 8140)	248.59	31.16
22 11 19 00-0202	EA	Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange Less Door (Acorn 8141)	265.80	31.16
22 11 19 00-0203	EA	Recessed Stainless Steel Hose Box With Wall Flange And Door (Acorn 8150)	268.15	31.16
22 11 19 00-0204	EA	Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange And Door (Acorn 8151)	293.96	31.16
22 11 19 00-0205	EA	Recessed Stainless Steel Hose Box With Wall Flange Less Door (Acorn 8145)	401.56	43.63
		Note: Includes hot and cold hose connections.		
22 11 19 00-0206	EA	Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange Less Door (Acorn 8146)	411.73	43.63
		Note: Includes hot and cold hose connections.		
22 11 19 00-0207	EA	Recessed Stainless Steel Hose Box With Wall Flange And Door (Acorn 8155)	411.73	43.63
		Note: Includes hot and cold hose connections.		
22 11 19 00-0208	EA	Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange And Door (Acorn 8156)	435.98	43.63
		Note: Includes hot and cold hose connections.		
22 11 19 00-0209		**Washer Boxes And Dryer Outlets** *(22 11 19)*		
22 11 19 00-0210		**Dryer Vent Kit** *(22 11 19 00-0209)*		
		Note: Includes 4" flexible tubing plastic hood clamps and tailpipe.		
22 11 19 00-0211	EA	Dryer Vent Kit With Hood, 4" x 5' Flexible Vent And Clamps	87.08	16.20
22 11 19 00-0212		**Washer Boxes And Dryer Vents** *(22 11 19 00-0209)*		
		Note: Includes 1/2" supply valves and mounting brackets.		
22 11 19 00-0213	EA	2" Diameter Washing Machine Outlet Box, Plastic, Two 1/2" Diameter Supply Valves	306.30	24.93
22 11 19 00-0214		**Ice Maker Outlet Box** *(22 11 19)*		
		Note: Includes one 1/2" quarter turn ball valve and connections wall mount.		
22 11 19 00-0215	EA	Plastic Ice Maker Outlet Box, 1/2" Diameter Quarter Turn Ball Valve, Wall Mount	163.88	24.93
22 11 19 00-0216	EA	Plastic Ice Maker Outlet Box, 1/2" Diameter Quarter Turn Ball Valve With Water Hammer Arrestor, Wall Mount	166.99	24.93
22 11 19 00-0217	EA	Steel Ice Maker Outlet Box, 1/2" Diameter Quarter Turn Ball Valve, Wall Mount	248.22	24.93
22 11 19 00-0218		**Tempering Controllers For Potable Hot Water** *(22 11 19)*		
22 11 19 00-0219		**Point-Of-Use Thermostatic Mixing Valves (Bradley)** *(22 11 19 00-0218)*		
		Note: Point-of-Use Water Tempering Valves: ASSE 1016, or 1070, with piston-control mechanism, positive shutoff of hot water when cold water supply is lost, bronze body and cap with replaceable corrosion-resistant components, including stainless steel piston and liner.		
22 11 19 00-0220	EA	1/2" Diameter Inlets, 1/2" Diameter Outlet, Sink/Faucet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-2007)	607.01	30.17
22 11 19 00-0221	EA	1/2" Diameter Inlets, 1/2" Diameter Outlet, Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4004)	161.21	30.17
22 11 19 00-0222	EA	1/2" Diameter Inlets, 1/2" Diameter Outlet, Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4008)	341.25	30.17
22 11 19 00-0223	EA	3/4" Diameter Inlets, 3/4" Diameter Outlet, Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4016)	389.72	40.65

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22 11 19 00-0224		**Thermostatic Mixing Valves (Bradley)** *(22 11 19 00-0218)* Note: Standard Thermostatic, Water Mixing Valves: ASSE 1017, liquid-filled motor and piston control mechanism with positive shutoff of hot water when coldwater supply is lost. Water flow is shut off in event of thermostat failure. Bronze valve body and cap with replaceable corrosion-resistant components, including stainless steel piston and liner. Equipped with integral check stops and removable strainers.		
22 11 19 00-0225	EA	3/4" Diameter Inlets, 3/4" Diameter Outlet, 25 GPM Thermostatic Mixing Valve (Bradley S59-2025)	1,661.41	43.51
22 11 19 00-0226	EA	3/4" Diameter Inlets, 1" Diameter Outlet, 45 GPM Thermostatic Mixing Valve (Bradley S59-2045)	1,863.23	53.60
22 11 19 00-0227	EA	1" Diameter Inlets, 1-1/4" Diameter Outlet, 80 GPM Thermostatic Mixing Valve (Bradley S59-2080)	2,240.67	62.35
22 11 19 00-0228	EA	1-1/4" Diameter Inlets, 1-1/2" Diameter Outlet, 130 GPM Thermostatic Mixing Valve (Bradley S59-2130)	2,909.75	65.52
22 11 19 00-0229	EA	2" Diameter Inlets, 2" Diameter Outlet, 220 GPM Thermostatic Mixing Valve (Bradley S59-2200)	3,907.47	85.01
22 11 19 00-0230		**High Low Temperature Thermostatic Mixing Valves (Bradley)** *(22 11 19 00-0218)* Note: High Low Temperature Thermostatic Mixing Valves: ASSE 1017, liquid-filled thermal motor and piston control mechanism with positive shutoff of hot water when cold water supply is lost, and allowing restricted cold flow in event of loss or interruption of hot water supply. Flow is shut off in the event of thermostat failure. Equipped with integral check stops, thermometer, and removable strainers.		
22 11 19 00-0231	EA	3/4" Diameter Inlets, 1" Diameter Outlet, 45 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3045)	4,250.28	67.02
22 11 19 00-0232	EA	1" Diameter Inlets, 1-1/4" Diameter Outlet, 80 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3080)	5,535.10	77.93
22 11 19 00-0233	EA	1-1/4" Diameter Inlets, 1-1/2" Diameter Outlet, 130 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3130)	6,458.35	81.91
22 11 19 00-0234	EA	2" Diameter Inlets, 2" Diameter Outlet, 220 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3200)	7,149.64	106.26
22 11 19 00-0235		**Thermostatic Mixing Valves (Leonard)** *(22 11 19 00-0218)* Note: Thermostatic Water Mixing Valve with Integral combination checkstops with strainers, 125 PSI (8.6 BAR) maximum operating pressure, Copper encapsulated thermostatic assembly with Teflon coated brass shuttle, Locking temperature regulating handle, Top or bottom supply/outlet connections, Integral circulation port connection		
22 11 19 00-0236	EA	3/4" Diameter In x 3/4" Diameter Out, Thermostatic Mixing Valve (Leonard LV-981-RF) Note: For hot water or two pipe low pressure steam.	1,443.32	43.51
22 11 19 00-0237	EA	1" Diameter In x 1-1/4" Diameter Out, Thermostatic Mixing Valve (Leonard LV-982-RF) Note: For hot water or two pipe low pressure steam.	1,697.32	53.59
22 11 19 00-0238	EA	1-1/4" Diameter In x 1-1/4" Diameter Out, Thermostatic Mixing Valve (Leonard LV-983-RF) Note: For hot water or two pipe low pressure steam.	2,088.95	62.35
22 11 19 00-0239	EA	1-1/4" Diameter In x 1-1/2" Diameter Out, Thermostatic Mixing Valve (Leonard LV-984-RF) Note: For hot water or two pipe low pressure steam.	2,563.00	65.55
22 11 19 00-0240	EA	2" Diameter In x 2" Diameter Out, Thermostatic Mixing Valve (Leonard LV-985-RF) Note: For hot water or two pipe low pressure steam.	3,817.94	85.01
22 11 19 00-0241		**Water Mixing/Self Operating Temperature Regulator** *(22 11 19 00-0218)* Note: Includes high rate spring, temperature adjustment screw, temperature dial and remote bulb with 8' capillary tube.		
22 11 19 00-0242	EA	3/4" Diameter Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	3,416.06	62.33
22 11 19 00-0243	EA	1" Diameter Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	3,617.09	78.53
22 11 19 00-0244	EA	1-1/4" Diameter Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	3,982.24	94.73
22 11 19 00-0245	EA	1-1/2" Diameter Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	4,382.06	110.93
22 11 19 00-0246	EA	2" Diameter Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	5,213.90	145.84
22 11 19 00-0247	EA	2-1/2" Diameter Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	6,159.83	166.30
22 11 19 00-0248		**Thermostatic Mixing Valves (Holby)** *(22 11 19 00-0218)*		
22 11 19 00-0249	EA	2-1/2" Diameter, Thermostatic Mixing Valve (Holby HOLBY2500)	5,666.60	85.04
22 11 19 00-0250		**Backflow Preventer Valves** *(22 11 19)*		
22 11 19 00-0251		**Double Check Valve Backflow Preventer Assemblies** *(22 11 19 00-0250)*		
22 11 19 00-0252		**Threaded Double Check Valve Assemblies** *(22 11 19 00-0251)*		
22 11 19 00-0253		**Double Check Valve Assemblies With Quarter Turn Shut-Offs** *(22 11 19 00-0252)* Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and two epoxy coated bronze body check valves (Watts 007 QT or 719 QT series).		
22 11 19 00-0254	EA	1/2" Diameter, Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)	498.60	33.40
		For Owner Furnished Material, Deduct	*-415.09*	
		For Work In Restricted Working Space, Add	*25.05*	
22 11 19 00-0255	EA	3/4" Diameter, Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)	587.01	47.36
		For Owner Furnished Material, Deduct	*-468.60*	
		For Work In Restricted Working Space, Add	*35.52*	
22 11 19 00-0256	EA	1" Diameter, Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)	676.26	57.84
		For Owner Furnished Material, Deduct	*-531.67*	
		For Work In Restricted Working Space, Add	*43.38*	
22 11 19 00-0257	EA	1-1/4" Diameter, Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)	949.37	67.31
		For Owner Furnished Material, Deduct	*-781.10*	
		For Work In Restricted Working Space, Add	*50.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0258	EA	1-1/2" Diameter, Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)	1,176.87	77.28
		For Owner Furnished Material, Deduct	*-984.92*	
		For Work In Restricted Working Space, Add	*57.59*	
22 11 19 00-0259	EA	2" Diameter, Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)	1,353.50	99.71
		For Owner Furnished Material, Deduct	*-1,104.22*	
		For Work In Restricted Working Space, Add	*74.78*	

22 11 19 00-0260 Double Check Valve Assemblies With Quarter Turn Shut-Offs And Strainer

(22 11 19 00-0252)

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, two epoxy coated bronze body check valves, and bronze strainer (Watts 007 QT-S or 719 QT-S series).

22 11 19 00-0261	EA	1/2" Diameter, Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	617.38	33.40
		For Owner Furnished Material, Deduct	*-533.87*	
		For Work In Restricted Working Space, Add	*25.05*	
22 11 19 00-0262	EA	3/4" Diameter, Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	760.97	47.36
		For Owner Furnished Material, Deduct	*-642.56*	
		For Work In Restricted Working Space, Add	*35.52*	
22 11 19 00-0263	EA	1" Diameter, Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	889.53	57.84
		For Owner Furnished Material, Deduct	*-744.94*	
		For Work In Restricted Working Space, Add	*43.38*	
22 11 19 00-0264	EA	1-1/4" Diameter, Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	1,253.25	67.31
		For Owner Furnished Material, Deduct	*-1,084.98*	
		For Work In Restricted Working Space, Add	*50.48*	
22 11 19 00-0265	EA	1-1/2" Diameter, Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	1,534.78	77.28
		For Owner Furnished Material, Deduct	*-1,342.83*	
		For Work In Restricted Working Space, Add	*57.59*	
22 11 19 00-0266	EA	2" Diameter, Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	1,847.64	99.71
		For Owner Furnished Material, Deduct	*-1,598.36*	
		For Work In Restricted Working Space, Add	*74.78*	

22 11 19 00-0267 Flanged Double Check Valve Assemblies *(22 11 19 00-0251)*

22 11 19 00-0268 Double Check Valve Assemblies With Non-Rising Stem Shut-Offs *(22 11 19 00-0267)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF007 NRS series).

22 11 19 00-0269	EA	2-1/2" Diameter, Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF007 NRS)	6,791.85	275.45
		For Owner Furnished Material, Deduct	*-6,424.58*	
		For Work In Restricted Working Space, Add	*110.18*	
22 11 19 00-0270	EA	3" Diameter, Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF007 NRS)	7,462.30	309.89
		For Owner Furnished Material, Deduct	*-7,054.86*	
		For Work In Restricted Working Space, Add	*122.23*	

22 11 19 00-0271 Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0267)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF007 OSY series).

22 11 19 00-0272	EA	2-1/2" Diameter, Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF007 OSY)	7,444.87	275.45
		For Owner Furnished Material, Deduct	*-7,077.60*	
		For Work In Restricted Working Space, Add	*110.18*	
22 11 19 00-0273	EA	3" Diameter, Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 007 OSY)	8,550.66	309.89
		For Owner Furnished Material, Deduct	*-8,143.22*	
		For Work In Restricted Working Space, Add	*122.23*	

22 11 19 00-0274 Double Check Valve Assemblies With Non-Rising Stem Shut-Offs *(22 11 19 00-0267)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF709 NRS series).

22 11 19 00-0275	EA	2-1/2" Diameter, Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series)	6,838.94	275.45
		For Owner Furnished Material, Deduct	*-6,471.69*	
		For Work In Restricted Working Space, Add	*110.18*	
22 11 19 00-0276	EA	3" Diameter, Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series)	5,204.93	309.89
		For Owner Furnished Material, Deduct	*-4,797.48*	
		For Work In Restricted Working Space, Add	*122.24*	
22 11 19 00-0277	EA	4" Diameter, Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series)	8,150.72	459.09
		For Owner Furnished Material, Deduct	*-7,538.93*	
		For Work In Restricted Working Space, Add	*183.54*	
22 11 19 00-0278	EA	6" Diameter, Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS Series)	12,395.23	694.28
		For Owner Furnished Material, Deduct	*-11,141.06*	
		For Work In Restricted Working Space, Add	*376.25*	
22 11 19 00-0279	EA	8" Diameter, Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS Series)	28,375.53	1,041.42
		For Owner Furnished Material, Deduct	*-26,493.97*	
		For Work In Restricted Working Space, Add	*564.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0280	EA	10" Diameter, Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS Series)	36,455.98	1,231.78
		For Owner Furnished Material, Deduct	*-34,216.38*	
		For Work In Restricted Working Space, Add	*671.88*	

22 11 19 00-0281 Double Check Valve Assemblies With Non-Rising Stem Shut-Offs And Strainer *(22 11 19 00-0267)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, two epoxy coated iron body check valves, and iron body strainer (Watts 709 NRS-S series).

22 11 19 00-0282	EA	4" Diameter, Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts LF709 NRS-S-FDA Series)	9,529.80	459.09
		For Owner Furnished Material, Deduct	*-8,918.07*	
		For Work In Restricted Working Space, Add	*183.52*	
22 11 19 00-0283	EA	6" Diameter, Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts LF709 NRS-S-FDA Series)	15,860.95	694.28
		For Owner Furnished Material, Deduct	*-14,606.78*	
		For Work In Restricted Working Space, Add	*376.25*	
22 11 19 00-0284	EA	10" Diameter, Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts LF709 NRS-S-FDA Series)	42,368.51	1,231.78
		For Owner Furnished Material, Deduct	*-40,128.91*	
		For Work In Restricted Working Space, Add	*671.88*	

22 11 19 00-0285 Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0267)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF709 OSY series).

22 11 19 00-0286	EA	2-1/2" Diameter, Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)	7,266.16	275.45
		For Owner Furnished Material, Deduct	*-6,898.91*	
		For Work In Restricted Working Space, Add	*110.18*	
22 11 19 00-0287	EA	3" Diameter, Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY series)	7,983.73	309.89
		For Owner Furnished Material, Deduct	*-7,576.29*	
		For Work In Restricted Working Space, Add	*122.23*	
22 11 19 00-0288	EA	4" Diameter, Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)	8,650.98	459.09
		For Owner Furnished Material, Deduct	*-8,039.25*	
		For Work In Restricted Working Space, Add	*183.52*	
22 11 19 00-0289	EA	6" Diameter, Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)	14,522.43	694.28
		For Owner Furnished Material, Deduct	*-13,268.26*	
		For Work In Restricted Working Space, Add	*376.25*	
22 11 19 00-0290	EA	8" Diameter, Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)	30,141.84	1,041.42
		For Owner Furnished Material, Deduct	*-28,260.57*	
		For Work In Restricted Working Space, Add	*564.38*	
22 11 19 00-0291	EA	10" Diameter, Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)	38,735.41	1,231.78
		For Owner Furnished Material, Deduct	*-36,495.81*	
		For Work In Restricted Working Space, Add	*671.88*	

22 11 19 00-0292 Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0267)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757 OSY series).

22 11 19 00-0293	EA	2-1/2" Diameter, Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)	4,314.75	275.45
		For Owner Furnished Material, Deduct	*-3,947.50*	
		For Work In Restricted Working Space, Add	*110.18*	
22 11 19 00-0294	EA	3" Diameter, Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)	4,749.92	309.89
		For Owner Furnished Material, Deduct	*-4,342.48*	
		For Work In Restricted Working Space, Add	*122.23*	
22 11 19 00-0295	EA	4" Diameter, Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)	5,349.19	459.09
		For Owner Furnished Material, Deduct	*-4,737.46*	
		For Work In Restricted Working Space, Add	*183.52*	
22 11 19 00-0296	EA	6" Diameter, Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)	8,661.85	694.28
		For Owner Furnished Material, Deduct	*-7,407.68*	
		For Work In Restricted Working Space, Add	*376.25*	
22 11 19 00-0297	EA	8" Diameter, Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)	16,526.88	1,041.42
		For Owner Furnished Material, Deduct	*-14,645.61*	
		For Work In Restricted Working Space, Add	*564.38*	
22 11 19 00-0298	EA	10" Diameter, Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)	17,911.44	1,231.78
		For Owner Furnished Material, Deduct	*-15,671.84*	
		For Work In Restricted Working Space, Add	*671.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0299		**N-Pattern Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs** *(22 11 19 00-0267)*		
		Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757N OSY series).		
22 11 19 00-0300	EA	2-1/2" Diameter, N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series)	5,715.41	275.45
		For Owner Furnished Material, Deduct	*-5,348.16*	
		For Work In Restricted Working Space, Add	*110.18*	
22 11 19 00-0301	EA	3" Diameter, N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series)	6,150.58	309.89
		For Owner Furnished Material, Deduct	*-5,743.14*	
		For Work In Restricted Working Space, Add	*122.23*	
22 11 19 00-0302	EA	4" Diameter, N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757 OSY Series)	7,689.73	459.09
		For Owner Furnished Material, Deduct	*-7,078.00*	
		For Work In Restricted Working Space, Add	*183.52*	
22 11 19 00-0303	EA	6" Diameter, N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series)	12,580.03	694.28
		For Owner Furnished Material, Deduct	*-11,325.86*	
		For Work In Restricted Working Space, Add	*376.25*	
22 11 19 00-0304	EA	8" Diameter, N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series)	22,334.02	1,041.42
		For Owner Furnished Material, Deduct	*-20,452.75*	
		For Work In Restricted Working Space, Add	*564.38*	
22 11 19 00-0305	EA	10" Diameter, N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series)	26,577.15	1,231.78
		For Owner Furnished Material, Deduct	*-24,337.55*	
		For Work In Restricted Working Space, Add	*671.88*	
22 11 19 00-0306		**Double Check Valve Assemblies With Non-Rising Stem Shut-Off Valves** *(22 11 19 00-0267)*		
		Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757 NRS series).		
22 11 19 00-0307	EA	2-1/2" Diameter, Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series)	4,036.17	275.45
		For Owner Furnished Material, Deduct	*-3,668.92*	
		For Work In Restricted Working Space, Add	*110.18*	
22 11 19 00-0308	EA	3" Diameter, Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series)	4,484.00	309.89
		For Owner Furnished Material, Deduct	*-4,076.56*	
		For Work In Restricted Working Space, Add	*122.23*	
22 11 19 00-0309	EA	4" Diameter, Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series)	5,095.78	459.09
		For Owner Furnished Material, Deduct	*-4,484.05*	
		For Work In Restricted Working Space, Add	*183.52*	
22 11 19 00-0310	EA	6" Diameter, Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series)	8,462.78	694.28
		For Owner Furnished Material, Deduct	*-7,208.61*	
		For Work In Restricted Working Space, Add	*376.25*	
22 11 19 00-0311	EA	8" Diameter, Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series)	16,335.03	1,041.42
		For Owner Furnished Material, Deduct	*-14,453.76*	
		For Work In Restricted Working Space, Add	*564.38*	
22 11 19 00-0312	EA	10" Diameter, Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series)	18,447.09	1,231.78
		For Owner Furnished Material, Deduct	*-16,207.49*	
		For Work In Restricted Working Space, Add	*671.88*	
22 11 19 00-0313		**N-Pattern Double Check Valve Assemblies With Non-Rising Stem Shut-Offs** *(22 11 19 00-0267)*		
		Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757N NRS series).		
22 11 19 00-0314	EA	2-1/2" Diameter, N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	5,319.38	275.45
		For Owner Furnished Material, Deduct	*-4,952.13*	
		For Work In Restricted Working Space, Add	*110.18*	
22 11 19 00-0315	EA	3" Diameter, N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	5,754.54	309.89
		For Owner Furnished Material, Deduct	*-5,347.10*	
		For Work In Restricted Working Space, Add	*122.23*	
22 11 19 00-0316	EA	4" Diameter, N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	7,294.19	459.09
		For Owner Furnished Material, Deduct	*-6,682.46*	
		For Work In Restricted Working Space, Add	*183.52*	
22 11 19 00-0317	EA	6" Diameter, N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	12,158.74	694.28
		For Owner Furnished Material, Deduct	*-10,904.57*	
		For Work In Restricted Working Space, Add	*376.25*	
22 11 19 00-0318	EA	8" Diameter, N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	21,696.35	1,041.42
		For Owner Furnished Material, Deduct	*-19,815.08*	
		For Work In Restricted Working Space, Add	*564.38*	
22 11 19 00-0319	EA	10" Diameter, Diameter, N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	25,937.61	1,231.78
		For Owner Furnished Material, Deduct	*-23,698.01*	
		For Work In Restricted Working Space, Add	*671.88*	
22 11 19 00-0320		**Double Check Valve Assemblies With Butterfly Shut-Off Valves** *(22 11 19 00-0267)*		
		Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, and single stainless steel housing and sleeve for two check valves (Watts 757 BFG series).		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0321	EA	2-1/2" Diameter, Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	4,695.03	275.45
		For Owner Furnished Material, Deduct	*-4,327.78*	
		For Work In Restricted Working Space, Add	*110.18*	
22 11 19 00-0322	EA	3" Diameter, Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	5,130.20	309.89
		For Owner Furnished Material, Deduct	*-4,722.76*	
		For Work In Restricted Working Space, Add	*122.23*	
22 11 19 00-0323	EA	4" Diameter, Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	5,729.47	459.09
		For Owner Furnished Material, Deduct	*-5,117.74*	
		For Work In Restricted Working Space, Add	*183.52*	
22 11 19 00-0324	EA	6" Diameter, Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	9,051.71	694.28
		For Owner Furnished Material, Deduct	*-7,797.54*	
		For Work In Restricted Working Space, Add	*376.25*	
22 11 19 00-0325	EA	8" Diameter, Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	16,916.74	1,041.42
		For Owner Furnished Material, Deduct	*-15,035.47*	
		For Work In Restricted Working Space, Add	*564.38*	

22 11 19 00-0326 N-Pattern Double Check Valve Assemblies With Butterfly Shut-Offs *(22 11 19 00-0267)*

Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, and single stainless steel housing and sleeve for two check valves (Watts 757N BFG series).

22 11 19 00-0327	EA	2-1/2" Diameter, N-Pattern Flanged Double Check Assembly With Butterfly Valves (Watts 757 BFG series)	6,095.69	275.45
		For Owner Furnished Material, Deduct	*-5,728.44*	
		For Work In Restricted Working Space, Add	*110.18*	
22 11 19 00-0328	EA	3" Diameter, N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	6,530.85	309.89
		For Owner Furnished Material, Deduct	*-6,123.41*	
		For Work In Restricted Working Space, Add	*122.23*	
22 11 19 00-0329	EA	4" Diameter, N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	8,070.01	459.09
		For Owner Furnished Material, Deduct	*-7,458.28*	
		For Work In Restricted Working Space, Add	*183.52*	
22 11 19 00-0330	EA	6" Diameter, N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	12,969.97	694.28
		For Owner Furnished Material, Deduct	*-11,715.80*	
		For Work In Restricted Working Space, Add	*376.25*	
22 11 19 00-0331	EA	8" Diameter, N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	16,916.74	1,041.42
		For Owner Furnished Material, Deduct	*-15,035.47*	
		For Work In Restricted Working Space, Add	*564.38*	

22 11 19 00-0332 Grooved Double Check Valve Assemblies *(22 11 19 00-0251)*

22 11 19 00-0333 Double Check Valve Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0332)*

Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and single stainless steel housing and sleeve for two check valves (Watts 757 QT series).

22 11 19 00-0334	EA	2-1/2" Diameter, Grooved Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 757 QT series)	4,036.17	146.91
		For Owner Furnished Material, Deduct	*-3,668.92*	
		For Work In Restricted Working Space, Add	*110.18*	
22 11 19 00-0335	EA	3" Diameter, Grooved Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 757 QT series)	4,484.00	162.98
		For Owner Furnished Material, Deduct	*-4,076.56*	
		For Work In Restricted Working Space, Add	*122.23*	

22 11 19 00-0336 N-Patten Double Check Valve Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0332)*

Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and single stainless steel housing and sleeve for two check valves (Watts 757N QT series).

22 11 19 00-0337	EA	2-1/2" Diameter, N-Pattern Grooved Double Check Valve Assembly With QT Shutoffs (Watts 757 QT series)	5,319.38	146.91
		For Owner Furnished Material, Deduct	*-4,952.13*	
		For Work In Restricted Working Space, Add	*110.18*	
22 11 19 00-0338	EA	3" Diameter, N-Pattern Grooved Double Check Valve Assembly With QT Shutoffs (Watts 757 QT series)	5,754.54	162.98
		For Owner Furnished Material, Deduct	*-5,347.10*	
		For Work In Restricted Working Space, Add	*122.23*	

22 11 19 00-0339 Reduced Pressure Zone Backflow Preventer Assemblies *(22 11 19 00-0250)*

22 11 19 00-0340 Threaded Reduced Pressure Zone Assemblies *(22 11 19 00-0339)*

22 11 19 00-0341 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0340)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 009 QT series).

22 11 19 00-0342	EA	1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series)	555.08	28.91
		For Owner Furnished Material, Deduct	*-482.79*	
		For Work In Restricted Working Space, Add	*21.69*	
22 11 19 00-0343	EA	3/8" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series)	586.00	31.91
		For Owner Furnished Material, Deduct	*-506.23*	
		For Work In Restricted Working Space, Add	*23.93*	
22 11 19 00-0344	EA	1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series)	683.18	33.40
		For Owner Furnished Material, Deduct	*-599.67*	
		For Work In Restricted Working Space, Add	*25.05*	
22 11 19 00-0345	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M3 QT series)	917.06	47.36
		For Owner Furnished Material, Deduct	*-798.65*	
		For Work In Restricted Working Space, Add	*35.52*	
22 11 19 00-0346	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,087.78	57.84
		For Owner Furnished Material, Deduct	*-943.19*	
		For Work In Restricted Working Space, Add	*43.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0347	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,647.85	67.31
		For Owner Furnished Material, Deduct	*-1,479.58*	
		For Work In Restricted Working Space, Add	*50.48*	
22 11 19 00-0348	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,741.12	77.28
		For Owner Furnished Material, Deduct	*-1,549.17*	
		For Work In Restricted Working Space, Add	*57.59*	
22 11 19 00-0349	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	2,087.61	99.71
		For Owner Furnished Material, Deduct	*-1,838.33*	
		For Work In Restricted Working Space, Add	*74.78*	

22 11 19 00-0350 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer *(22 11 19 00-0340)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 009 QT-S series).

22 11 19 00-0351	EA	1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	613.52	28.91
		For Owner Furnished Material, Deduct	*-541.23*	
		For Work In Restricted Working Space, Add	*21.69*	
22 11 19 00-0352	EA	3/8" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	647.59	31.91
		For Owner Furnished Material, Deduct	*-567.82*	
		For Work In Restricted Working Space, Add	*23.93*	
22 11 19 00-0353	EA	1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	767.59	47.36
		For Owner Furnished Material, Deduct	*-684.08*	
		For Work In Restricted Working Space, Add	*25.05*	
22 11 19 00-0354	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	1,049.72	47.36
		For Owner Furnished Material, Deduct	*-931.31*	
		For Work In Restricted Working Space, Add	*35.52*	
22 11 19 00-0355	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	1,253.65	57.84
		For Owner Furnished Material, Deduct	*-1,109.06*	
		For Work In Restricted Working Space, Add	*43.38*	
22 11 19 00-0356	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	1,874.06	67.31
		For Owner Furnished Material, Deduct	*-1,705.79*	
		For Work In Restricted Working Space, Add	*50.48*	
22 11 19 00-0357	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	2,060.35	77.28
		For Owner Furnished Material, Deduct	*-1,868.40*	
		For Work In Restricted Working Space, Add	*57.59*	
22 11 19 00-0358	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	2,479.27	99.71
		For Owner Furnished Material, Deduct	*-2,229.99*	
		For Work In Restricted Working Space, Add	*74.78*	

22 11 19 00-0359 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0340)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 919 QT series).

22 11 19 00-0360	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	917.06	47.36
		For Owner Furnished Material, Deduct	*-798.65*	
		For Work In Restricted Working Space, Add	*35.52*	
22 11 19 00-0361	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	1,087.78	57.84
		For Owner Furnished Material, Deduct	*-943.19*	
		For Work In Restricted Working Space, Add	*43.38*	
22 11 19 00-0362	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	1,647.85	67.31
		For Owner Furnished Material, Deduct	*-1,479.58*	
		For Work In Restricted Working Space, Add	*50.48*	
22 11 19 00-0363	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	1,741.12	77.28
		For Owner Furnished Material, Deduct	*-1,549.17*	
		For Work In Restricted Working Space, Add	*57.59*	
22 11 19 00-0364	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	2,087.61	99.71
		For Owner Furnished Material, Deduct	*-1,838.33*	
		For Work In Restricted Working Space, Add	*74.78*	

22 11 19 00-0365 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer *(22 11 19 00-0340)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 919 QT-S series).

22 11 19 00-0366	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	1,049.72	47.36
		For Owner Furnished Material, Deduct	*-931.31*	
		For Work In Restricted Working Space, Add	*35.52*	
22 11 19 00-0367	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	1,253.65	57.84
		For Owner Furnished Material, Deduct	*-1,109.06*	
		For Work In Restricted Working Space, Add	*43.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0368	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	1,874.06	67.31
		For Owner Furnished Material, Deduct	*-1,705.79*	
		For Work In Restricted Working Space, Add	*50.48*	
22 11 19 00-0369	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	2,060.35	77.28
		For Owner Furnished Material, Deduct	*-1,868.40*	
		For Work In Restricted Working Space, Add	*57.59*	
22 11 19 00-0370	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	2,479.27	99.71
		For Owner Furnished Material, Deduct	*-2,229.99*	
		For Work In Restricted Working Space, Add	*74.78*	
22 11 19 00-0371		**Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs** *(22 11 19 00-0340)*		
		Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 909 QT series).		
22 11 19 00-0372	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909QT)	1,902.34	47.36
		For Owner Furnished Material, Deduct	*-1,783.93*	
		For Work In Restricted Working Space, Add	*35.52*	
22 11 19 00-0373	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909QT)	2,251.37	57.84
		For Owner Furnished Material, Deduct	*-2,106.78*	
		For Work In Restricted Working Space, Add	*43.38*	
22 11 19 00-0374	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909M1QT)	3,468.84	67.31
		For Owner Furnished Material, Deduct	*-3,300.57*	
		For Work In Restricted Working Space, Add	*50.48*	
22 11 19 00-0375	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909M1QT)	3,749.30	77.28
		For Owner Furnished Material, Deduct	*-3,557.35*	
		For Work In Restricted Working Space, Add	*57.59*	
22 11 19 00-0376	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909M1QT)	4,347.21	99.71
		For Owner Furnished Material, Deduct	*-4,097.93*	
		For Work In Restricted Working Space, Add	*74.78*	
22 11 19 00-0377		**Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer** *(22 11 19 00-0340)*		
		Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts LF909 QT-S series).		
22 11 19 00-0378	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909QT-S)	2,565.46	47.36
		For Owner Furnished Material, Deduct	*-2,447.05*	
		For Work In Restricted Working Space, Add	*35.52*	
22 11 19 00-0379	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909QT-S)	3,049.33	57.84
		For Owner Furnished Material, Deduct	*-2,904.74*	
		For Work In Restricted Working Space, Add	*43.38*	
22 11 19 00-0380	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909M1QT-S)	4,653.32	67.31
		For Owner Furnished Material, Deduct	*-4,485.05*	
		For Work In Restricted Working Space, Add	*50.48*	
22 11 19 00-0381	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909M1QT-S)	5,082.44	77.28
		For Owner Furnished Material, Deduct	*-4,890.49*	
		For Work In Restricted Working Space, Add	*57.59*	
22 11 19 00-0382	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909M1QT-S)	6,035.34	99.71
		For Owner Furnished Material, Deduct	*-5,786.06*	
		For Work In Restricted Working Space, Add	*74.78*	
22 11 19 00-0383		**Flanged Reduced Pressure Zone Assemblies** *(22 11 19 00-0339)*		
22 11 19 00-0384		**Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Offs** *(22 11 19 00-0383)*		
		Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and captured spring assemblies (Watts LF009 NRS series).		
22 11 19 00-0385	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF009 NRS series)	6,244.42	275.45
		For Owner Furnished Material, Deduct	*-5,877.15*	
		For Work In Restricted Working Space, Add	*110.18*	
22 11 19 00-0386	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF009 NRS series)	7,036.70	309.89
		For Owner Furnished Material, Deduct	*-6,629.26*	
		For Work In Restricted Working Space, Add	*122.23*	
22 11 19 00-0387		**Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Off And Strainer** *(22 11 19 00-0383)*		
		Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, iron body strainer, and captured spring assemblies (Watts LF009 NRS-S-FDA series).		
22 11 19 00-0388	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF009 NRS-S-FDA series)	7,449.74	275.45
		For Owner Furnished Material, Deduct	*-7,082.47*	
		For Work In Restricted Working Space, Add	*110.18*	
22 11 19 00-0389	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF009 NRS-S-FDA series)	8,436.95	309.89
		For Owner Furnished Material, Deduct	*-8,029.51*	
		For Work In Restricted Working Space, Add	*122.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0390		**Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs** *(22 11 19 00-0383)* Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies (Watts LF009 OSY series).		
22 11 19 00-0391	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF009 OSY series)	6,705.76	275.45
		For Owner Furnished Material, Deduct	*-6,338.49*	
		For Work In Restricted Working Space, Add	*110.18*	
22 11 19 00-0392	EA	3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF009 OSY series)	7,803.42	309.89
		For Owner Furnished Material, Deduct	*-7,395.98*	
		For Work In Restricted Working Space, Add	*122.23*	
22 11 19 00-0393		**Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs And Strainer** *(22 11 19 00-0383)* Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies. (Watts LF009 OSY-S-FDA Series)		
22 11 19 00-0394	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs And Strainer (Watts LF009 OSY-S-FDA series)	7,449.74	275.45
		For Owner Furnished Material, Deduct	*-7,082.47*	
		For Work In Restricted Working Space, Add	*110.18*	
22 11 19 00-0395	EA	3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs And Strainer (Watts LF009 OSY-S-FDA series)	8,436.95	309.89
		For Owner Furnished Material, Deduct	*-8,029.51*	
		For Work In Restricted Working Space, Add	*122.23*	
22 11 19 00-0396		**Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs** *(22 11 19 00-0383)* Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and captured spring assemblies (Watts LF009 QT-FDA series).		
22 11 19 00-0397	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts LF009 QT-FDA series)	8,273.32	275.45
		For Owner Furnished Material, Deduct	*-7,906.05*	
		For Work In Restricted Working Space, Add	*110.18*	
22 11 19 00-0398	EA	3" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts LF009 QT-FDA series)	9,575.67	309.89
		For Owner Furnished Material, Deduct	*-9,168.23*	
		For Work In Restricted Working Space, Add	*122.23*	
22 11 19 00-0399		**Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Offs** *(22 11 19 00-0383)* Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and captured spring assemblies (Watts LF909 NRS series).		
22 11 19 00-0400	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series)	10,745.67	275.45
		For Owner Furnished Material, Deduct	*-10,378.42*	
		For Work In Restricted Working Space, Add	*110.18*	
22 11 19 00-0401	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series)	12,208.86	309.89
		For Owner Furnished Material, Deduct	*-11,801.41*	
		For Work In Restricted Working Space, Add	*122.24*	
22 11 19 00-0402	EA	4" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series)	15,364.77	459.09
		For Owner Furnished Material, Deduct	*-14,752.98*	
		For Work In Restricted Working Space, Add	*183.54*	
22 11 19 00-0403	EA	6" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series)	23,191.56	694.28
		For Owner Furnished Material, Deduct	*-21,435.60*	
		For Work In Restricted Working Space, Add	*526.79*	
22 11 19 00-0404	EA	8" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909M1 NRS series)	38,482.05	1,041.42
		For Owner Furnished Material, Deduct	*-35,848.11*	
		For Work In Restricted Working Space, Add	*790.18*	
22 11 19 00-0405	EA	10" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909M1 NRS series)	49,719.61	1,231.78
		For Owner Furnished Material, Deduct	*-47,480.01*	
		For Work In Restricted Working Space, Add	*671.88*	
22 11 19 00-0406		**Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Off And Epoxy Coated Strainer** *(22 11 19 00-0383)* Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, iron body strainer, and captured spring assemblies (Watts LF909 NRS-S-FDA series).		
22 11 19 00-0407	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	11,582.25	275.45
		For Owner Furnished Material, Deduct	*-11,215.00*	
		For Work In Restricted Working Space, Add	*110.18*	
22 11 19 00-0408	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	13,089.29	309.89
		For Owner Furnished Material, Deduct	*-12,681.85*	
		For Work In Restricted Working Space, Add	*122.23*	
22 11 19 00-0409	EA	4" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	16,714.61	459.09
		For Owner Furnished Material, Deduct	*-16,102.88*	
		For Work In Restricted Working Space, Add	*183.52*	
22 11 19 00-0410	EA	6" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	25,230.61	694.28
		For Owner Furnished Material, Deduct	*-23,976.44*	
		For Work In Restricted Working Space, Add	*376.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0411	EA	8" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	40,866.29	1,041.42
		For Owner Furnished Material, Deduct	*-38,985.02*	
		For Work In Restricted Working Space, Add	*564.38*	
22 11 19 00-0412	EA	10" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	55,478.96	1,231.78
		For Owner Furnished Material, Deduct	*-53,239.36*	
		For Work In Restricted Working Space, Add	*671.88*	

22 11 19 00-0413 Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0383)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies (Watts LF909 OSY series).

22 11 19 00-0414	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series)	11,434.42	275.45
		For Owner Furnished Material, Deduct	*-11,067.17*	
		For Work In Restricted Working Space, Add	*110.18*	
22 11 19 00-0415	EA	3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series)	12,998.33	309.89
		For Owner Furnished Material, Deduct	*-12,590.88*	
		For Work In Restricted Working Space, Add	*122.24*	
22 11 19 00-0416	EA	4" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series)	16,345.92	459.09
		For Owner Furnished Material, Deduct	*-15,734.13*	
		For Work In Restricted Working Space, Add	*183.54*	
22 11 19 00-0417	EA	6" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series)	24,120.04	694.28
		For Owner Furnished Material, Deduct	*-22,865.87*	
		For Work In Restricted Working Space, Add	*376.25*	
22 11 19 00-0418	EA	8" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909M1 OSY series)	40,120.36	1,041.42
		For Owner Furnished Material, Deduct	*-38,239.09*	
		For Work In Restricted Working Space, Add	*564.38*	
22 11 19 00-0419	EA	10" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909M1 OSY series)	52,883.17	1,231.78
		For Owner Furnished Material, Deduct	*-50,643.57*	
		For Work In Restricted Working Space, Add	*671.88*	

22 11 19 00-0420 Double Check Detector Assemblies *(22 11 19 00-0250)*

22 11 19 00-0421 Flanged Double Check Detector Assemblies With Meter *(22 11 19 00-0420)*

22 11 19 00-0422 Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs And Meter *(22 11 19 00-0421)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, two epoxy coated iron body check valves, and meter (Watts 709 DCDA OSY series).

22 11 19 00-0423	EA	3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	8,566.98	309.89
		For Owner Furnished Material, Deduct	*-8,159.54*	
		For Work In Restricted Working Space, Add	*122.23*	
22 11 19 00-0424	EA	4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	8,960.60	459.09
		For Owner Furnished Material, Deduct	*-8,348.87*	
		For Work In Restricted Working Space, Add	*183.52*	
22 11 19 00-0425	EA	6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	12,095.47	694.28
		For Owner Furnished Material, Deduct	*-10,841.30*	
		For Work In Restricted Working Space, Add	*376.25*	
22 11 19 00-0426	EA	8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	21,477.54	1,041.42
		For Owner Furnished Material, Deduct	*-19,596.27*	
		For Work In Restricted Working Space, Add	*564.38*	
22 11 19 00-0427	EA	10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	29,021.09	1,231.78
		For Owner Furnished Material, Deduct	*-26,781.49*	
		For Work In Restricted Working Space, Add	*671.88*	

22 11 19 00-0428 Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs And Meter *(22 11 19 00-0421)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, single stainless steel housing and sleeve for two check valves, and meter (Watts 757 DCDA OSY series).

22 11 19 00-0429	EA	2-1/2" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	6,412.14	275.45
		For Owner Furnished Material, Deduct	*-6,044.87*	
		For Work In Restricted Working Space, Add	*110.18*	
22 11 19 00-0430	EA	3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	6,846.88	309.89
		For Owner Furnished Material, Deduct	*-6,439.44*	
		For Work In Restricted Working Space, Add	*122.23*	
22 11 19 00-0431	EA	4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	7,455.49	459.09
		For Owner Furnished Material, Deduct	*-6,843.76*	
		For Work In Restricted Working Space, Add	*183.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0432	EA	6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	10,140.72	694.28
		For Owner Furnished Material, Deduct	*-8,886.55*	
		For Work In Restricted Working Space, Add	*376.25*	
22 11 19 00-0433	EA	8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	17,944.51	1,041.42
		For Owner Furnished Material, Deduct	*-16,063.24*	
		For Work In Restricted Working Space, Add	*564.38*	
22 11 19 00-0434	EA	10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	21,159.95	1,231.78
		For Owner Furnished Material, Deduct	*-18,920.35*	
		For Work In Restricted Working Space, Add	*671.88*	

22 11 19 00-0435 Double Check Detector Assembly With Butterfly Valves And Meter *(22 11 19 00-0421)*

Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, single stainless steel housing and sleeve for two check valves, and meter (Watts 757 DCDA BFG series).

22 11 19 00-0436	EA	2-1/2" Diameter, Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	6,792.50	275.45
		For Owner Furnished Material, Deduct	*-6,425.23*	
		For Work In Restricted Working Space, Add	*110.18*	
22 11 19 00-0437	EA	3" Diameter, Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	7,227.24	309.89
		For Owner Furnished Material, Deduct	*-6,819.80*	
		For Work In Restricted Working Space, Add	*122.23*	
22 11 19 00-0438	EA	4" Diameter, Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	7,835.77	459.09
		For Owner Furnished Material, Deduct	*-7,224.04*	
		For Work In Restricted Working Space, Add	*183.52*	
22 11 19 00-0439	EA	6" Diameter, Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	10,530.58	694.28
		For Owner Furnished Material, Deduct	*-9,276.41*	
		For Work In Restricted Working Space, Add	*376.25*	
22 11 19 00-0440	EA	8" Diameter, Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	17,476.76	1,041.42
		For Owner Furnished Material, Deduct	*-15,595.49*	
		For Work In Restricted Working Space, Add	*564.38*	

22 11 19 00-0441 Flanged Double Check Detector Assemblies Without Meter *(22 11 19 00-0420)*

22 11 19 00-0442 Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs Less Meter *(22 11 19 00-0441)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, single stainless steel housing and sleeve for two check valves (Watts 757 DCDA OSY LM series).

22 11 19 00-0443	EA	2-1/2" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	6,292.05	275.45
		For Work In Restricted Working Space, Add	*110.18*	
22 11 19 00-0444	EA	3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	6,726.84	309.89
		For Work In Restricted Working Space, Add	*122.23*	
22 11 19 00-0445	EA	4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	7,335.45	459.09
		For Work In Restricted Working Space, Add	*183.52*	
22 11 19 00-0446	EA	6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	10,020.68	694.28
		For Work In Restricted Working Space, Add	*376.25*	
22 11 19 00-0447	EA	8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	17,824.55	1,041.42
		For Work In Restricted Working Space, Add	*564.38*	
22 11 19 00-0448	EA	10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	21,039.82	1,231.78
		For Work In Restricted Working Space, Add	*671.88*	

22 11 19 00-0449 Double Check Detector Assembly With Butterfly Valves Less Meter *(22 11 19 00-0441)*

Note: Includes ball type test cocks, two butterfly resilient seated iron body butterfly valves, single stainless steel housing and sleeve for two check valves (Watts 757 DCDA BFG LM series).

22 11 19 00-0450	EA	2-1/2" Diameter, Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	6,672.37	275.45
		For Work In Restricted Working Space, Add	*110.18*	
22 11 19 00-0451	EA	3" Diameter, Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	7,107.12	309.89
		For Work In Restricted Working Space, Add	*122.23*	
22 11 19 00-0452	EA	4" Diameter, Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	7,715.72	459.09
		For Work In Restricted Working Space, Add	*183.52*	
22 11 19 00-0453	EA	6" Diameter, Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	10,410.46	694.28
		For Work In Restricted Working Space, Add	*376.25*	
22 11 19 00-0454	EA	8" Diameter, Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	18,214.41	1,041.42
		For Work In Restricted Working Space, Add	*564.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0455		**Backflow Preventer Accessories** *(22 11 19 00-0250)*		
22 11 19 00-0456		**Air Gap** *(22 11 19 00-0455)*		
22 11 19 00-0457	EA	Up To 1" Diameter Air Gap For Backflow Preventer	141.62	15.58
22 11 19 00-0458	EA	1-1/4" To 2" Diameter Air Gap For Backflow Preventer	174.35	18.70
22 11 19 00-0459	EA	2-1/2" To 3" Diameter Air Gap For Backflow Preventer	328.62	24.93
22 11 19 00-0460	EA	4" To 6" Diameter Air Gap For Backflow Preventer	650.72	43.63
22 11 19 00-0461	EA	8" To 10" Diameter Air Gap For Backflow Preventer	688.11	62.33
22 11 19 00-0462		**Brass Test Cocks** *(22 11 19 00-0455)*		
22 11 19 00-0463	EA	1/8" Or 1/4" Brass Test Cock	57.67	6.23
22 11 19 00-0464		**Backflow Valve Enclosures** *(22 11 19 00-0250)*		
22 11 19 00-0465		**Flip-Top, Insulated Fiberglass Valve Enclosures** *(22 11 19 00-0464)*		
		Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.		
22 11 19 00-0466	EA	19" Length x 11" Width x 22" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	2,051.19	112.18
		For Heated Enclosure, Add	*265.61*	
22 11 19 00-0467	EA	27" Length x 13" Width x 23" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	2,546.65	112.18
		For Heated Enclosure, Add	*339.93*	
22 11 19 00-0468	EA	27" Length x 13" Width x 35" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	3,265.48	103.29
		For Heated Enclosure, Add	*451.09*	
22 11 19 00-0469	EA	33" Length x 21" Width x 25" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	3,364.48	137.73
		For Heated Enclosure, Add	*453.03*	
22 11 19 00-0470	EA	39" Length x 13" Width x 28" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	3,532.50	137.73
		For Heated Enclosure, Add	*478.23*	
22 11 19 00-0471	EA	47" Length x 13" Width x 28" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	4,187.38	137.73
		For Heated Enclosure, Add	*576.46*	
22 11 19 00-0472	EA	39" Length x 13" Width x 36" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	4,204.61	137.73
		For Heated Enclosure, Add	*579.05*	
22 11 19 00-0473	EA	47" Length x 13" Width x 36" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	5,320.48	137.73
		For Heated Enclosure, Add	*746.43*	
22 11 19 00-0474	EA	70" Length x 26" Width x 45" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	12,360.18	206.58
		For Heated Enclosure, Add	*1,776.56*	
22 11 19 00-0475	EA	83" Length x 26" Width x 45" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	17,991.22	206.58
		For Heated Enclosure, Add	*2,621.21*	
22 11 19 00-0476	EA	70" Length x 26" Width x 55" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	17,086.46	206.58
		For Heated Enclosure, Add	*2,485.50*	
22 11 19 00-0477	EA	83" Length x 26" Width x 55" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	20,580.47	241.02
		For Heated Enclosure, Add	*2,996.69*	
22 11 19 00-0478		**One-Piece Drop Over, Insulated Fiberglass Valve Enclosures** *(22 11 19 00-0464)*		
		Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.		
22 11 19 00-0479	EA	20" Length x 6-1/2" Width x 22" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	1,126.95	29.91
		For Heated Enclosure, Add	*215.42*	
22 11 19 00-0480	EA	27" Length x 14" Width x 26" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	1,583.64	29.91
		For Heated Enclosure, Add	*306.76*	
22 11 19 00-0481	EA	38-1/2" Length x 12" Width x 28" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	2,001.91	27.55
		For Heated Enclosure, Add	*391.20*	
22 11 19 00-0482	EA	47" Length x 13" Width x 28" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	3,044.54	27.55
		For Heated Enclosure, Add	*599.73*	
22 11 19 00-0483	EA	70" Length x 26" Width x 45" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	7,910.08	51.65
		For Heated Enclosure, Add	*1,564.80*	
22 11 19 00-0484	EA	83" Length x 26" Width x 45" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	10,826.85	51.65
		For Heated Enclosure, Add	*2,148.15*	
22 11 19 00-0485	EA	45" Length x 35" Width x 35" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	7,186.27	51.65
		For Heated Enclosure, Add	*1,420.04*	
22 11 19 00-0486	EA	53" Length x 44" Width x 44" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	8,142.73	51.65
		For Heated Enclosure, Add	*1,611.33*	
22 11 19 00-0487	EA	61" Length x 52" Width x 50" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	12,782.85	51.65
		For Heated Enclosure, Add	*2,539.35*	
22 11 19 00-0488		**Lift-Off Lightweight Backflow Valve Enclosures With Recessed Locksheild Brackets** *(22 11 19 00-0464)*		
		Note: 1-1/2", 0.095" wall tubular steel framework with 1" x 1" x 1/8" angle iron, 1/2" #13 gauge diamond pattern rolled expanded metal, all welded construction. Excludes concrete pad.		
22 11 19 00-0489	EA	22" Length x 10" Width x 24" Height, Backflow Preventer Caged Enclosures Note: BP-1	939.68	112.18
22 11 19 00-0490	EA	30" Length x 10" Width x 24" Height, Backflow Preventer Caged Enclosures Note: BP-2	1,055.04	137.73
22 11 19 00-0491	EA	40" Length x 10" Width x 24" Height, Backflow Preventer Caged Enclosures Note: BP-3	1,137.45	137.73
22 11 19 00-0492	EA	46" Length x 10" Width x 30" Height, Backflow Preventer Caged Enclosures Note: BP-4	1,372.30	137.73
22 11 19 00-0493		**Sectional, Insulated Aluminum Valve Enclosures** *(22 11 19 00-0464)*		
		Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0494	EA	70" Length x 26" Width x 55" Height, Sectional, Insulated Aluminum Valve Enclosure	16,078.30	206.58
		For Heated Enclosure, Add	*2,334.27*	
		For One 24" Fluorescent Light Fixture, Add	*873.13*	
		For Two 24" Fluorescent Light Fixture, Add	*1,562.45*	
22 11 19 00-0495	EA	83" Length x 26" Width x 55" Height, Sectional, Insulated Aluminum Valve Enclosure	17,745.64	206.58
		For Heated Enclosure, Add	*2,584.38*	
		For One 24" Fluorescent Light Fixture, Add	*873.13*	
		For Two 24" Fluorescent Light Fixture, Add	*1,562.45*	
22 11 19 00-0496	EA	53" Length x 33" Width x 44" Height, Sectional, Insulated Aluminum Valve Enclosure	12,562.67	206.58
		For Heated Enclosure, Add	*1,806.93*	
		For One 24" Fluorescent Light Fixture, Add	*873.13*	
		For Two 24" Fluorescent Light Fixture, Add	*1,562.45*	
22 11 19 00-0497	EA	53" Length x 44" Width x 44" Height, Sectional, Insulated Aluminum Valve Enclosure	13,794.87	206.58
		For Heated Enclosure, Add	*1,991.76*	
		For One 24" Fluorescent Light Fixture, Add	*873.13*	
		For Two 24" Fluorescent Light Fixture, Add	*1,562.45*	
22 11 19 00-0498	EA	90" Length x 32" Width x 50-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	16,022.12	275.45
		For Heated Enclosure, Add	*2,300.02*	
		For One 24" Fluorescent Light Fixture, Add	*873.13*	
		For Two 24" Fluorescent Light Fixture, Add	*1,562.45*	
22 11 19 00-0499	EA	102" Length x 32" Width x 50-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	17,995.35	275.45
		For Heated Enclosure, Add	*2,596.01*	
		For One 24" Fluorescent Light Fixture, Add	*873.13*	
		For Two 24" Fluorescent Light Fixture, Add	*1,562.45*	
22 11 19 00-0500	EA	90" Length x 32" Width x 57-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	17,995.35	275.45
		For Heated Enclosure, Add	*2,596.01*	
		For One 24" Fluorescent Light Fixture, Add	*873.13*	
		For Two 24" Fluorescent Light Fixture, Add	*1,562.45*	
22 11 19 00-0501	EA	102" Length x 32" Width x 57-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	19,908.27	275.45
		For Heated Enclosure, Add	*2,882.95*	
		For One 24" Fluorescent Light Fixture, Add	*873.13*	
		For Two 24" Fluorescent Light Fixture, Add	*1,562.45*	
22 11 19 00-0502	EA	62" Length x 39" Width x 46" Height, Sectional, Insulated Aluminum Valve Enclosure	14,919.27	241.02
		For Heated Enclosure, Add	*2,147.51*	
		For One 24" Fluorescent Light Fixture, Add	*873.13*	
		For Two 24" Fluorescent Light Fixture, Add	*1,562.45*	
22 11 19 00-0503	EA	62" Length x 53" Width x 46" Height, Sectional, Insulated Aluminum Valve Enclosure	17,474.04	275.45
		For Heated Enclosure, Add	*2,517.81*	
		For One 24" Fluorescent Light Fixture, Add	*873.13*	
		For Two 24" Fluorescent Light Fixture, Add	*1,562.45*	
22 11 19 00-0504	EA	105" Length x 36" Width x 53" Height, Sectional, Insulated Aluminum Valve Enclosure	20,459.74	275.45
		For Heated Enclosure, Add	*2,965.67*	
		For One 24" Fluorescent Light Fixture, Add	*873.13*	
		For Two 24" Fluorescent Light Fixture, Add	*1,562.45*	
22 11 19 00-0505	EA	125" Length x 36" Width x 53" Height, Sectional, Insulated Aluminum Valve Enclosure	22,467.41	292.67
		For Heated Enclosure, Add	*3,260.36*	
		For One 24" Fluorescent Light Fixture, Add	*873.13*	
		For Two 24" Fluorescent Light Fixture, Add	*1,562.45*	
22 11 19 00-0506	EA	105" Length x 36" Width x 64" Height, Sectional, Insulated Aluminum Valve Enclosure	22,962.87	292.67
		For Heated Enclosure, Add	*3,334.68*	
		For One 24" Fluorescent Light Fixture, Add	*873.13*	
		For Two 24" Fluorescent Light Fixture, Add	*1,562.45*	
22 11 19 00-0507	EA	125" Length x 36" Width x 64" Height, Sectional, Insulated Aluminum Valve Enclosure	25,470.29	309.89
		For Heated Enclosure, Add	*3,704.34*	
		For One 24" Fluorescent Light Fixture, Add	*873.13*	
		For Two 24" Fluorescent Light Fixture, Add	*1,562.45*	
22 11 19 00-0508	EA	105" Length x 36" Width x 80" Height, Sectional, Insulated Aluminum Valve Enclosure	26,456.90	309.89
		For Heated Enclosure, Add	*3,852.33*	
		For One 24" Fluorescent Light Fixture, Add	*873.13*	
		For Two 24" Fluorescent Light Fixture, Add	*1,562.45*	
22 11 19 00-0509	EA	72" Length x 45" Width x 52" Height, Sectional, Insulated Aluminum Valve Enclosure	19,167.23	275.45
		For Heated Enclosure, Add	*2,771.79*	
		For One 24" Fluorescent Light Fixture, Add	*873.13*	
		For Two 24" Fluorescent Light Fixture, Add	*1,562.45*	
22 11 19 00-0510	EA	72" Length x 45" Width x 60" Height, Sectional, Insulated Aluminum Valve Enclosure	20,446.81	275.45
		For Heated Enclosure, Add	*2,963.73*	
		For One 24" Fluorescent Light Fixture, Add	*873.13*	
		For Two 24" Fluorescent Light Fixture, Add	*1,562.45*	
22 11 19 00-0511	EA	72" Length x 65" Width x 52" Height, Sectional, Insulated Aluminum Valve Enclosure	23,152.44	292.67
		For Heated Enclosure, Add	*3,363.11*	
		For One 24" Fluorescent Light Fixture, Add	*873.13*	
		For Two 24" Fluorescent Light Fixture, Add	*1,562.45*	
22 11 19 00-0512	EA	72" Length x 65" Width x 60" Height, Sectional, Insulated Aluminum Valve Enclosure	28,098.39	309.89
		For Heated Enclosure, Add	*4,098.55*	
		For One 24" Fluorescent Light Fixture, Add	*873.13*	
		For Two 24" Fluorescent Light Fixture, Add	*1,562.45*	
22 11 19 00-0513	EA	118" Length x 40" Width x 58" Height, Sectional, Insulated Aluminum Valve Enclosure	24,483.67	309.89
		For Heated Enclosure, Add	*3,556.34*	
		For One 24" Fluorescent Light Fixture, Add	*873.13*	
		For Two 24" Fluorescent Light Fixture, Add	*1,562.45*	
22 11 19 00-0514	EA	142" Length x 40" Width x 58" Height, Sectional, Insulated Aluminum Valve Enclosure	29,459.79	327.10
		For Heated Enclosure, Add	*4,296.31*	
		For One 24" Fluorescent Light Fixture, Add	*873.13*	
		For Two 24" Fluorescent Light Fixture, Add	*1,562.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0515	EA	118" Length x 40" Width x 74" Height, Sectional, Insulated Aluminum Valve Enclosure	28,473.18	327.10
		For Heated Enclosure, Add	*4,148.31*	
		For One 24" Fluorescent Light Fixture, Add	*873.13*	
		For Two 24" Fluorescent Light Fixture, Add	*1,562.45*	
22 11 19 00-0516	EA	142" Length x 40" Width x 74" Height, Sectional, Insulated Aluminum Valve Enclosure	33,009.85	344.31
		For Heated Enclosure, Add	*4,822.36*	
		For One 24" Fluorescent Light Fixture, Add	*873.13*	
		For Two 24" Fluorescent Light Fixture, Add	*1,562.45*	
22 11 19 00-0517	EA	142" Length x 42" Width x 65" Height, Sectional, Insulated Aluminum Valve Enclosure	30,489.45	344.31
		For Heated Enclosure, Add	*4,444.30*	
		For One 24" Fluorescent Light Fixture, Add	*873.13*	
		For Two 24" Fluorescent Light Fixture, Add	*1,562.45*	
22 11 19 00-0518	EA	172" Length x 42" Width x 65" Height, Sectional, Insulated Aluminum Valve Enclosure	35,612.06	361.53
		For Heated Enclosure, Add	*5,206.23*	
		For One 24" Fluorescent Light Fixture, Add	*873.13*	
		For Two 24" Fluorescent Light Fixture, Add	*1,562.45*	
22 11 19 00-0519	EA	142" Length x 42" Width x 85" Height, Sectional, Insulated Aluminum Valve Enclosure	35,655.10	378.75
		For Heated Enclosure, Add	*5,206.23*	
		For One 24" Fluorescent Light Fixture, Add	*873.13*	
		For Two 24" Fluorescent Light Fixture, Add	*1,562.45*	
22 11 19 00-0520	EA	172" Length x 42" Width x 85" Height, Sectional, Insulated Aluminum Valve Enclosure	42,311.49	395.96
		For Heated Enclosure, Add	*6,198.24*	
		For One 24" Fluorescent Light Fixture, Add	*873.13*	
		For Two 24" Fluorescent Light Fixture, Add	*1,562.45*	

22 11 19 00-0521 Faucets (Hose Bibbs) *(22 11 19)*

22 11 19 00-0522 Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends *(22 11 19 00-0521)*

22 11 19 00-0523	EA	1/2" Diameter, 125 Lb., Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends	67.87	12.47
22 11 19 00-0524	EA	3/4" Diameter, 125 Lb., Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends	78.36	13.71
22 11 19 00-0525	EA	3/4" Screwed Ends Vacuum Breaker (Mueller 108-904NL)	20.37	9.35

22 11 19 00-0526 Chrome Plated Brass Hose Valves, Screwed Ends *(22 11 19 00-0521)*

22 11 19 00-0527	EA	3/4" Diameter, Hose Valve With Screwed Ends (Chicago Faucets #387-CP)	231.84	38.14

22 11 19 00-0528 Antisiphon Freezeless Wall Faucet (Woodford 19CP) *(22 11 19 00-0521)*

22 11 19 00-0529	EA	4" Long, 1/2" Antisiphon Freezeless Wall Faucet	143.61	31.16
22 11 19 00-0530	EA	6" Long, 1/2" Antisiphon Freezeless Wall Faucet	155.87	34.53
22 11 19 00-0531	EA	8" Long, 1/2" Antisiphon Freezeless Wall Faucet	165.01	36.52
22 11 19 00-0532	EA	10" Long, 1/2" Antisiphon Freezeless Wall Faucet	174.13	39.14
22 11 19 00-0533	EA	12" Long, 1/2" Antisiphon Freezeless Wall Faucet	183.39	41.50

22 11 19 00-0534 Keyed, Recessed Valve Boxes *(22 11 19)*

22 11 19 00-0535	EA	8" x 8" x 4" Painted Steel, Keyed, Recessed Valve Box	410.13	37.21
22 11 19 00-0536	EA	8" x 8" x 6" Painted Steel, Keyed, Recessed Valve Box	458.10	37.21
22 11 19 00-0537	EA	8" x 8" x 8" Painted Steel, Keyed, Recessed Valve Box	530.04	37.21
22 11 19 00-0538	EA	12" x 12" x 4" Painted Steel, Keyed, Recessed Valve Box	506.89	49.61
22 11 19 00-0539	EA	12" x 12" x 6" Painted Steel, Keyed, Recessed Valve Box	578.84	49.61
22 11 19 00-0540	EA	12" x 12" x 8" Painted Steel, Keyed, Recessed Valve Box	600.42	49.61
22 11 19 00-0541	EA	8" x 8" x 4" Stainless Steel, Keyed, Recessed Valve Box	486.88	37.21
22 11 19 00-0542	EA	8" x 8" x 6" Stainless Steel, Keyed, Recessed Valve Box	592.40	37.21
22 11 19 00-0543	EA	8" x 8" x 8" Stainless Steel, Keyed, Recessed Valve Box	685.93	37.21
22 11 19 00-0544	EA	12" x 12" x 4" Stainless Steel, Keyed, Recessed Valve Box	641.19	49.61
22 11 19 00-0545	EA	12" x 12" x 6" Stainless Steel, Keyed, Recessed Valve Box	734.72	49.61
22 11 19 00-0546	EA	12" x 12" x 8" Stainless Steel, Keyed, Recessed Valve Box	770.69	49.61

22 11 23 Domestic Water Pumps *(22 11)*

22 11 23 13 Domestic Water Packaged Booster Pumps *(22 11 23)*

Note: Includes motor starter and controls.

22 11 23 13-0001 Simplex Domestic Water Packaged Booster Pumps And Tank *(22 11 23 13)*

22 11 23 13-0002	EA	1 HP Simplex Domestic Water Packaged Booster Pump And Tank	16,836.77	367.27
22 11 23 13-0003	EA	1.5 HP Simplex Domestic Water Packaged Booster Pump And Tank	17,395.43	493.52
22 11 23 13-0004	EA	2 HP Simplex Domestic Water Packaged Booster Pump And Tank	18,075.60	619.76
22 11 23 13-0005	EA	3 HP Simplex Domestic Water Packaged Booster Pump And Tank	18,695.01	746.01
22 11 23 13-0006	EA	5 HP Simplex Domestic Water Packaged Booster Pump And Tank	20,651.10	872.27
22 11 23 13-0007	EA	7.5 HP Simplex Domestic Water Packaged Booster Pump And Tank	22,910.98	998.52
22 11 23 13-0008	EA	10 HP Simplex Domestic Water Packaged Booster Pump And Tank	24,441.76	1,124.77

22 11 23 13-0009 Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator *(22 11 23 13)*

22 11 23 13-0010	EA	100 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator Tank	44,855.76	1,488.43
22 11 23 13-0011	EA	200 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator Tank	54,229.38	1,581.46
22 11 23 13-0012	EA	300 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator Tank	63,641.71	1,674.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 23 13-0013		**Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator** *(22 11 23 13)*		
22 11 23 13-0014	EA	200 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	59,409.00	1,581.46
22 11 23 13-0015	EA	300 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	74,249.30	1,674.49
22 11 23 13-0016	EA	500 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	92,498.30	1,860.54
22 11 23 13-0017	EA	750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	117,481.58	2,046.59
22 11 23 13-0018	EA	1,000 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	142,464.84	2,232.65
22 11 23 13-0019	EA	1,750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	166,053.87	2,511.73
22 11 23 13-0020	EA	2,500 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	189,642.92	2,790.81
22 11 23 13-0021	EA	3,750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	213,231.96	3,069.90
22 11 23 13-0022	EA	5,000 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	237,053.56	3,442.00
22 11 23 13-0023		**Variable Speed Duplex Domestic Water Pressure Booster Skid** *(22 11 23 13)* Note: AB1953 compliant, UL listed and labeled. Includes stainless steel headers with check, isolation, thermal relief valves, and start up support. The standard control package is integrated in a NEMA 1 enclosure and is outfitted with an individual VFD's which are controlled through a HOA and internally programmed PID logic for system control.		
22 11 23 13-0024	EA	40 GPM At 40 To 70 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-1)	44,233.51	1,691.47
22 11 23 13-0025	EA	40 GPM At 80 To 120 PSI, 80 GPM At 50 To 90 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-2)	46,287.16	1,691.47
22 11 23 13-0026	EA	80 GPM At 80 PSI, 120 GPM At 40 To 90 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-3)	49,221.57	1,691.47
22 11 23 13-0027	EA	80 GPM At 130 To 150 PSI, 120 GPM At 100 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-4)	53,451.51	1,691.47
22 11 23 13-0028	EA	160 GPM At 40 To 50 PSI, 200 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-5)	50,384.48	1,797.18
22 11 23 13-0029	EA	160 GPM At 60 To 80 PSI, 200 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-6)	54,077.03	1,797.18
22 11 23 13-0030	EA	160 GPM At 90 To 110 PSI, 200 GPM At 80 To 100 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-7)	59,091.85	1,797.18
22 11 23 13-0031	EA	160 To 200 GPM At 120 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-8)	63,167.93	1,797.18
22 11 23 13-0032	EA	240 To 280 GPM At 40 To 50 PSI , NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-9)	55,074.93	1,902.91
22 11 23 13-0033	EA	280 To 320 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-10)	58,720.65	1,902.91
22 11 23 13-0034	EA	240 To 320 GPM At 90 To 120 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-11)	66,872.80	1,902.91
22 11 23 13-0035	EA	240 To 320 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-12)	80,554.85	1,902.91
22 11 23 13-0036	EA	360 To 400 GPM At 40 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-13)	58,207.80	1,902.91
22 11 23 13-0037	EA	360 To 400 GPM At 50 To 80 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-14)	65,644.18	1,902.91
22 11 23 13-0038	EA	360 To 400 GPM At 90 To 110 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-15)	82,013.14	1,902.91
22 11 23 13-0039	EA	360 To 400 GPM At 120 To 140 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-16)	81,540.42	1,902.91
22 11 23 13-0040	EA	440 To 480 GPM At 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-17)	97,307.46	2,114.34
22 11 23 13-0041	EA	440 To 480 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-18)	66,647.71	2,114.34
22 11 23 13-0042	EA	440 To 480 GPM At 60 To 90 PSI, 520 To 600 GPM At 40 To 80 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-19)	81,553.92	2,114.34
22 11 23 13-0043	EA	440 To 480 GPM At 100 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-20)	81,083.43	2,114.34
22 11 23 13-0044	EA	440 To 600 GPM At 100 To 120 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-21)	98,038.83	2,114.34
22 11 23 13-0045	EA	440 To 600 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-22)	118,778.20	2,114.34
22 11 23 13-0046	EA	60 GPM At 40 To 70 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-1)	56,078.21	1,691.47
22 11 23 13-0047		**Variable Speed Triplex Domestic Water Pressure Booster Skid** *(22 11 23 13)* Note: AB1953 compliant, UL listed and labeled. Includes stainless steel headers with check, isolation, thermal relief valves, and start up support. The standard control package is integrated in a NEMA 1 enclosure and is outfitted with an individual VFD's which are controlled through a HOA and internally programmed PID logic for system control.		
22 11 23 13-0048	EA	60 GPM At 80 To 130 PSI, 120 GPM At 50 To 90 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-2)	56,078.21	1,691.47
22 11 23 13-0049	EA	120 GPM At 100 To 120 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-3)	62,807.75	1,691.47
22 11 23 13-0050	EA	60 GPM At 140 To 150 PSI, 120 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-4)	68,614.15	1,691.47
22 11 23 13-0051	EA	180 GPM At 40 To 90 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-5)	63,072.05	1,797.18
22 11 23 13-0052	EA	180 GPM At 100 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-6)	68,838.31	1,797.18
22 11 23 13-0053	EA	240 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-7)	64,418.85	1,797.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 23 13-0054	EA	240 GPM At 60 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-8)	69,375.69	1,797.18
22 11 23 13-0055	EA	240 GPM At 90 To 110 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-9)	76,192.19	1,797.18
22 11 23 13-0056	EA	240 GPM At 120 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-10)	81,842.50	1,797.18
22 11 23 13-0057	EA	300 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-11)	65,008.69	1,902.91
22 11 23 13-0058	EA	300 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-12)	69,965.53	1,902.91
22 11 23 13-0059	EA	300 GPM At80 To 100 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-13)	76,779.80	1,902.91
22 11 23 13-0060	EA	300 GPM At 110 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-14)	82,430.11	1,902.91
22 11 23 13-0061	EA	360 GPM At 40 To 60 PSI, 420 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-15)	70,583.19	1,902.91
22 11 23 13-0062	EA	360 GPM At 70 To 80 PSI, 420 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-16)	75,343.81	1,902.91
22 11 23 13-0063	EA	360 GPM At 90 To 130 PSI, 420 GPM At 80 To 120 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-17)	87,106.00	1,902.91
22 11 23 13-0064	EA	360 GPM At140 To 150 PSI, 420 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-18)	106,300.12	1,902.91
22 11 23 13-0065	EA	480 GPM At 40 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-19)	72,083.96	2,114.34
22 11 23 13-0066	EA	480 GPM At 50 To 70 PSI, 520 To 600 GPM At 40 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-20)	76,846.81	2,114.34
22 11 23 13-0067	EA	480 GPM At 80 To 110 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-21)	88,609.01	2,114.34
22 11 23 13-0068	EA	480 GPM At 120 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-22)	107,800.90	2,114.34
22 11 23 13-0069	EA	540 GPM At 40 PSI, 600 GPM At 40 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-23)	76,075.30	2,114.34
22 11 23 13-0070	EA	540 GPM At 50 To 90 PSI, 600 GPM At 50 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-24)	86,764.96	2,114.34
22 11 23 13-0071	EA	540 GPM At 100 To 110 PSI, 600 GPM At 90 To 110 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-25)	109,986.10	2,114.34
22 11 23 13-0072	EA	540 GPM At 120 To 130 PSI, 600 GPM At 120 To 130 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-26)	112,235.97	2,114.34
22 11 23 13-0073	EA	540 GPM At 140 To 150 PSI, 600 GPM At 140 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-27)	139,192.02	2,114.34
22 11 23 13-0074	EA	660 GPM At 40 To 50 PSI, 720 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-28)	86,174.31	2,537.20
22 11 23 13-0075	EA	660 GPM At 60 To 90 PSI, 720,780,840,900 GPM At 60 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-29)	103,791.96	2,537.20
22 11 23 13-0076	EA	660, 720, 780 GPM At 100 PSI, 840 To 900 GPM At 90 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-30)	110,472.44	2,537.20
22 11 23 13-0077	EA	660, 720, 780, 840, 900 GPM At 110 To 120 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-31)	133,388.09	2,537.20
22 11 23 13-0078	EA	660, 720, 780, 840, 900 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-32)	165,454.85	2,537.20

22 11 23 23 Domestic-Water In-Line Pumps *(22 11 23)*

22 11 23 23-0001 Bronze In-Line Centrifugal Domestic Water Booster Pumps *(22 11 23 23)*

Note: ODP motor.

22 11 23 23-0002	EA	1/12 HP, 3/4" To 1-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL30B)	1,180.68	206.58
22 11 23 23-0003	EA	1/6 HP, 3/4" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL36B)	1,212.92	206.58
22 11 23 23-0004	EA	1/6 HP, 1" To 1-1/4" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL45B)	1,270.20	210.60
22 11 23 23-0005	EA	1/6 HP, 1-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL50B)	1,401.67	219.21
22 11 23 23-0006	EA	1/6 HP, 2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL75B)	2,536.33	227.36
22 11 23 23-0007	EA	1/6 HP, 2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G 2AB)	2,707.76	227.36
22 11 23 23-0008	EA	1/4 HP, 2-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G 2-1/2AB)	4,059.90	250.33
22 11 23 23-0009	EA	1/4 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G LD3 AB)	4,231.65	275.02
22 11 23 23-0010	EA	1/3 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G HD3 AB)	5,127.65	302.58
22 11 23 23-0011	EA	1/2 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB35S)	5,237.41	333.01
22 11 23 23-0012	EA	3/4 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB37S)	5,727.40	365.73
22 11 23 23-0013	EA	1 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB38S)	8,225.34	402.48
22 11 23 23-0014	EA	1-1/2 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB40S)	9,481.22	422.00

22 11 23 23-0015 Cast Iron In-Line Centrifugal Domestic Water Booster Pumps *(22 11 23 23)*

Note: ODP motor.

22 11 23 23-0016	EA	1/12 HP, 3/4" To 1-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL30)	1,230.95	206.58
22 11 23 23-0017	EA	1/6 HP, 3/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL36)	2,079.41	206.58
22 11 23 23-0018	EA	1/6 HP, 1" To 1-1/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL45)	2,087.71	210.60
22 11 23 23-0019	EA	1/6 HP, 1-1/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL45)	2,123.70	215.19
22 11 23 23-0020	EA	1/6 HP, 1-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL50)	2,131.71	219.21
22 11 23 23-0021	EA	1/6 HP, 2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL75)	2,171.31	227.36
22 11 23 23-0022	EA	1/4 HP, 2-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 2-1/2)	2,658.13	250.33
22 11 23 23-0023	EA	1/3 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G HD30)	3,432.51	302.58
22 11 23 23-0024	EA	1/2 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD35S)	3,614.22	333.01
22 11 23 23-0025	EA	3/4 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD37S)	4,222.08	365.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 23 23-0026	EA	1 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD38S)	5,711.50	402.48
22 11 23 23-0027	EA	1-1/2 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD40S)	6,684.67	422.00
22 11 23 23-0028	EA	2 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF)	5,991.65	443.25
22 11 23 23-0029	EA	3 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF)	6,439.27	487.23

22 12 Facility Potable-Water Storage Tanks *(22 10)*

22 12 23 Facility Indoor Potable-Water Storage Tanks *(22 12)*

22 12 23 13 Facility Steel, Indoor Potable-Water Storage Pressure Tanks *(22 12 23)*

22 12 23 13-0001 Insulated Glass Lined Storage Tank (A.O. Smith TJ, TJV And TJH) *(22 12 23 13)*

22 12 23 13-0002	EA	80 Gallon ASME Rated Tank, 150PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJ-80A)	2,830.98	459.09
22 12 23 13-0003	EA	119 Gallon 150 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-120M)	3,506.39	573.86
22 12 23 13-0004	EA	140 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-140A)	6,538.99	631.24
22 12 23 13-0005	EA	200 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-200A)	7,232.87	688.63
22 12 23 13-0006	EA	250 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-250A)	14,465.15	746.01
22 12 23 13-0007	EA	350 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-350A)	12,438.92	803.40
22 12 23 13-0008	EA	400 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-400A)	21,434.01	860.79
22 12 23 13-0009	EA	500 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-500A)	19,732.52	918.17
22 12 23 13-0010	EA	750 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-750A)	21,439.88	975.56
22 12 23 13-0011	EA	1,000 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-1000A)	25,565.68	1,032.94

22 12 23 13-0012 Uninsulated Glass Lined Storage Tank (A.O. Smith T) *(22 12 23 13)*

22 12 23 13-0013	EA	80 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-80S)	2,412.25	459.09
22 12 23 13-0014	EA	120 Gallon 150 PSA, Uninsulated, Glass Lined Water Storage Tank (T-120S)	4,685.77	573.86
22 12 23 13-0015	EA	140 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-140A)	5,873.04	631.24
22 12 23 13-0016	EA	200 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-200S)	7,274.09	688.63
22 12 23 13-0017	EA	200 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-200A)	6,161.47	688.63
22 12 23 13-0018	EA	250 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-250A)	9,579.14	746.01
22 12 23 13-0019	EA	325 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-325A)	10,367.84	803.40
22 12 23 13-0020	EA	350 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-350S)	9,862.39	803.40
22 12 23 13-0021	EA	350 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-350A)	8,988.05	803.40
22 12 23 13-0022	EA	400 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-400A)	12,335.92	860.79
22 12 23 13-0023	EA	500 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-500A)	13,384.62	918.17
22 12 23 13-0024	EA	750 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-750A)	15,553.72	975.56
22 12 23 13-0025	EA	1,000 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-1000A)	29,309.52	1,032.94

22 12 23 26 Facility Plastic, Indoor Potable-Water Storage Non-Pressure Tanks *(22 12 23)*

22 12 23 26-0001 Horizontal Non-Pressurized Polyethylene Tanks *(22 12 23 26)*

Note: Excludes excavation and backfill.

22 12 23 26-0002	EA	100 Gallon Horizontal Non-Pressurized Polyethylene Tank	771.14	258.24
		For Saddle Assembly, Add	*863.50*	
22 12 23 26-0003	EA	150 Gallon Horizontal Non-Pressurized Polyethylene Tank	903.42	301.28
		For Saddle Assembly, Add	*863.50*	
22 12 23 26-0004	EA	200 Gallon Horizontal Non-Pressurized Polyethylene Tank	1,073.14	344.31
		For Saddle Assembly, Add	*990.81*	
22 12 23 26-0005	EA	300 Gallon Horizontal Non-Pressurized Polyethylene Tank	1,310.25	387.35
		For Saddle Assembly, Add	*1,487.56*	
22 12 23 26-0006	EA	335 Gallon Horizontal Non-Pressurized Polyethylene Tank	1,574.82	430.40
		For Two Tie Down Bands, Add	*494.09*	
22 12 23 26-0007	EA	535 Gallon Horizontal Non-Pressurized Polyethylene Tank	2,055.83	604.10
		For Two Tie Down Bands, Add	*529.04*	
22 12 23 26-0008	EA	1,035 Gallon Horizontal Non-Pressurized Polyethylene Tank	3,081.91	704.78
		For Three Tie Down Bands, Add	*905.89*	
22 12 23 26-0009	EA	1,335 Gallon Horizontal Non-Pressurized Polyethylene Tank	4,456.32	805.47
		For Three Tie Down Bands, Add	*913.38*	
22 12 23 26-0010	EA	1,635 Gallon Horizontal Non-Pressurized Polyethylene Tank	5,566.59	906.15
		For Four Tie Down Bands, Add	*1,237.81*	
22 12 23 26-0011	EA	2,035 Gallon Horizontal Non-Pressurized Polyethylene Tank	6,523.23	1,006.83
		For Four Tie Down Bands, Add	*1,747.04*	
22 12 23 26-0012	EA	2,635 Gallon Horizontal Non-Pressurized Polyethylene Tank	9,339.78	1,107.51
		For Four Tie Down Bands, Add	*2,306.20*	
22 12 23 26-0013	EA	3,135 Gallon Horizontal Non-Pressurized Polyethylene Tank	10,822.00	1,208.20
		For Four Tie Down Bands, Add	*2,495.91*	
22 12 23 26-0014	EA	4,035 Gallon Horizontal Non-Pressurized Polyethylene Tank	15,550.37	1,610.94
		For Four Tie Down Bands, Add	*2,825.42*	
22 12 23 26-0015	EA	5,025 Gallon Horizontal Non-Pressurized Polyethylene Tank	20,138.21	1,610.94
		For Five Tie Down Bands, Add	*4,442.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 12 23 26-0016		Vertical Non-Pressurized Polyethylene Tanks *(22 12 23 26)*		
22 12 23 26-0017	EA	100 Gallon Vertical Non-Pressurized Polyethylene Tank	836.00	344.31
22 12 23 26-0018	EA	160 Gallon Vertical Non-Pressurized Polyethylene Tank	1,011.96	365.84
22 12 23 26-0019	EA	210 Gallon Vertical Non-Pressurized Polyethylene Tank	1,113.04	387.35
22 12 23 26-0020	EA	300 Gallon Vertical Non-Pressurized Polyethylene Tank	1,352.66	430.40
22 12 23 26-0021	EA	405 Gallon Vertical Non-Pressurized Polyethylene Tank	1,539.82	516.47
22 12 23 26-0022	EA	500 Gallon Vertical Non-Pressurized Polyethylene Tank	1,819.34	602.56
22 12 23 26-0023	EA	800 Gallon Vertical Non-Pressurized Polyethylene Tank	2,581.65	805.47
22 12 23 26-0024	EA	1,000 Gallon Vertical Non-Pressurized Polyethylene Tank	3,344.39	1,006.83
22 12 23 26-0025	EA	2,000 Gallon Vertical Non-Pressurized Polyethylene Tank	4,501.55	1,208.20
22 12 23 26-0026	EA	3,000 Gallon Vertical Non-Pressurized Polyethylene Tank	5,893.33	1,409.57
22 12 23 26-0027	EA	4,000 Gallon Vertical Non-Pressurized Polyethylene Tank	8,690.50	1,610.94
22 12 23 26-0028	EA	5,000 Gallon Vertical Non-Pressurized Polyethylene Tank	11,782.22	1,812.29
22 12 23 26-0029	EA	6,250 Gallon Vertical Non-Pressurized Polyethylene Tank	13,358.74	2,013.66
22 12 23 26-0030	EA	7,000 Gallon Vertical Non-Pressurized Polyethylene Tank	14,720.57	2,215.03
22 12 23 26-0031	EA	8,000 Gallon Vertical Non-Pressurized Polyethylene Tank	16,966.08	2,416.39
22 12 23 26-0032	EA	9,150 Gallon Vertical Non-Pressurized Polyethylene Tank	19,169.15	2,617.76
22 12 23 26-0033	EA	10,500 Gallon Vertical Non-Pressurized Polyethylene Tank	23,743.63	2,819.13
22 12 23 26-0034	EA	12,500 Gallon Vertical Non-Pressurized Polyethylene Tank	28,574.12	3,221.86

22 13 Facility Sanitary Sewerage *(22 10)*

22 13 13 Facility Sanitary Sewers *(22 13)*

22 13 13 00-0001 Fixture Rough-In Assemblies *(22 13 13)*

Note: Excludes fixture. Not for use when individual component details are available, on remodeling work where partial pipe and fittings are installed or on residential projects. For use on commercial restrooms with multiple toilets, urinals and lavatories. Includes waste and vent pipe and fittings and domestic water supply pipe and fittings. Waste piping is included from fixture outlet tee to floor, vent piping is included from outlet tee within the wall to the ceiling and domestic water supply from ceiling to fixture and stub out with caps. Based on vertical floor to floor of 12'. Use detailed tasks (i.e. individual pipe and fittings, insulation, hangers, etc.) instead of rough-in assembly where possible.

22 13 13 00-0002 Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Assemblies *(22 13 13 00-0001)*

Note: Single fixtures have one fixture to one pipe riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.

22 13 13 00-0003	EA	Floor Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Assembly Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	1,141.82
22 13 13 00-0004	EA	Wall Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Assembly Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	1,528.46
22 13 13 00-0005	EA	Tank Type Floor Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Assembly Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	1,036.77
22 13 13 00-0006	EA	Wall Mounted Urinal, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Assembly Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	674.53
22 13 13 00-0007	EA	Wall Mounted Lavatory, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Assembly Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	795.26
22 13 13 00-0008	EA	Countertop Kitchen Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Assembly Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	1,010.53
22 13 13 00-0009	EA	Bathtub, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Assembly Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	1,078.49
22 13 13 00-0010	EA	Free Standing Water Cooler, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Assembly Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	651.20
22 13 13 00-0011	EA	Floor Mounted Service Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Assembly Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	1,036.77
22 13 13 00-0012	EA	Wall Mounted Service Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Assembly Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	1,064.71
22 13 13 00-0013	EA	Shower, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Assembly Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	1,007.31
22 13 13 00-0014	EA	Bidet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Assembly Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	1,141.82
22 13 13 00-0015	EA	Floor Mounted Circular Wash Fountain, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Assembly Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	1,790.58
22 13 13 00-0016	EA	Bathtub/Shower, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Assembly Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	1,107.21

22 13 13 00-0017 Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Assemblies *(22 13 13 00-0001)*

Note: Double fixtures have two "back-to-back" waste connections to one riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.

22 13 13 00-0018	EA	Floor Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Assembly Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	1,490.39
22 13 13 00-0019	EA	Wall Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Assembly Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	2,048.43
22 13 13 00-0020	EA	Tank Type Floor Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Assembly Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	1,286.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 13 00-0021	EA	Wall Mounted Urinal, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Assembly Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	809.65	
22 13 13 00-0022	EA	Wall Mounted Lavatory, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Assembly Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	1,082.09	
22 13 13 00-0023	EA	Countertop Kitchen Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Assembly Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	1,147.27	
22 13 13 00-0024	EA	Free Standing Water Cooler, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Assembly Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	764.37	
22 13 13 00-0025	EA	Floor Mounted Service Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Assembly Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	1,297.99	
22 13 13 00-0026	EA	Wall Mounted Service Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Assembly Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	1,123.58	
22 13 13 00-0027	EA	Shower, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Assembly Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower heads and faucets.	1,094.92	
22 13 13 00-0028	EA	Bidet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Assembly Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucets.	1,490.39	
22 13 13 00-0029		**Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Assemblies** *(22 13 13 00-0001)* Note: Gang fixtures include multiple fixtures to one pipe riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0030	EA	Floor Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Assembly Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	744.67	
22 13 13 00-0031	EA	Wall Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Assembly Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture, carrier and flush valve.	1,024.21	
22 13 13 00-0032	EA	Tank Type Floor Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Assembly Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture.	643.83	
22 13 13 00-0033	EA	Wall Mounted Urinal, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Assembly Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture, carrier and flush valve.	405.40	
22 13 13 00-0034	EA	Wall Mounted Lavatory, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Assembly Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	541.06	
22 13 13 00-0035	EA	Countertop Kitchen Sink, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Assembly Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	573.62	
22 13 13 00-0036	EA	Free Standing Water Cooler, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Assembly Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	410.87	
22 13 13 00-0037	EA	Rough-in Service Sink, Floor Mounted, Gang Mounted Fixture Including Cast Iron Waste Pipe And Vent And Copper Domestic Supply, Not Including Fixture Or Faucet Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	648.43	
22 13 13 00-0038	EA	Wall Mounted Service Sink, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Assembly Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	561.79	
22 13 13 00-0039	EA	Shower, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Assembly Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower heads and faucets.	548.01	
22 13 13 00-0040	EA	Bidet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Assembly Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	736.61	
22 13 13 00-0041		**Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Assemblies** *(22 13 13 00-0001)* Note: Single fixtures have one fixture to one pipe riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0042	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Floor Mounted, Water Closet Assembly Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	661.00	
22 13 13 00-0043	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Wall Mounted, Water Closet Assembly Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	742.66	
22 13 13 00-0044	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Tank Type, Floor Mounted, Water Closet Assembly Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	625.25	
22 13 13 00-0045	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Wall Mounted, Urinal Assembly Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	379.38	
22 13 13 00-0046	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Wall Mounted, Lavatory Assembly Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	444.90	
22 13 13 00-0047	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Countertop, Kitchen Sink Assembly Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	600.97	
22 13 13 00-0048	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Bathtub Assembly Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	611.72	
22 13 13 00-0049	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Free Standing, Water Cooler Assembly Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	374.56	
22 13 13 00-0050	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Floor Mounted, Service Sink Assembly Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	625.25	
22 13 13 00-0051	EA	Wall Mounted Service Sink, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Assembly Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	662.45	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 13 00-0052	EA	Shower, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Assembly Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	612.12	
22 13 13 00-0053	EA	Bidet, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Assembly Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	660.86	
22 13 13 00-0054	EA	Floor Mounted Circular Wash Fountain, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Assembly Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	1,022.07	
22 13 13 00-0055	EA	Bathtub/Shower, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Assembly Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	636.82	

22 13 13 00-0056 Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Assemblies *(22 13 13 00-0001)*

Note: Double fixtures have two "back-to-back" waste connections to one riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.

22 13 13 00-0057	EA	Floor Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Assembly Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	809.77	
22 13 13 00-0058	EA	Wall Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Assembly Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	973.13	
22 13 13 00-0059	EA	Tank Type Floor Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Assembly Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures.	703.60	
22 13 13 00-0060	EA	Wall Mounted Urinal, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Assembly Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	425.18	
22 13 13 00-0061	EA	Wall Mounted Lavatory, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Assembly Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures, carrier and faucets.	618.97	
22 13 13 00-0062	EA	Countertop Kitchen Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Assembly Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures and faucets.	647.33	
22 13 13 00-0063	EA	Free Standing Water Cooler, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Assembly Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures.	412.93	
22 13 13 00-0064	EA	Floor Mounted Service Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Assembly Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	713.80	
22 13 13 00-0065	EA	Wall Mounted Service Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Assembly Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	682.40	
22 13 13 00-0066	EA	Shower, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Assembly Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	656.79	
22 13 13 00-0067	EA	Bidet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Assembly Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	809.77	

22 13 13 00-0068 Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Assemblies *(22 13 13 00-0001)*

Note: Gang fixtures include multiple fixtures to one pipe riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.

22 13 13 00-0069	EA	Floor Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Assembly Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	404.41	
22 13 13 00-0070	EA	Wall Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Assembly Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	486.01	
22 13 13 00-0071	EA	Tank Type Floor Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Assembly Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	352.14	
22 13 13 00-0072	EA	Wall Mounted Urinal, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Assembly Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	212.65	
22 13 13 00-0073	EA	Wall Mounted Lavatory, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Assembly Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	309.46	
22 13 13 00-0074	EA	Countertop Kitchen Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Assembly Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	323.38	
22 13 13 00-0075	EA	Free Standing Water Cooler, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Assembly Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	206.44	
22 13 13 00-0076	EA	Floor Mounted Service Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Assembly Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	356.80	
22 13 13 00-0077	EA	Wall Mounted Service Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Assembly Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	341.24	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 13 00-0078	EA	Shower, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Assembly Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	328.89	
22 13 13 00-0079	EA	Bidet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Assembly Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	396.81	

22 13 16 Sanitary Waste and Vent Piping *(22 13)*

22 13 16 00-0001 Cast Iron Soil Pipe Assemblies *(22 13 16)*

22 13 16 00-0002 Underground Bell And Spigot Cast Iron Soil Pipe Assemblies *(22 13 16 00-0001)*

Note: Includes fittings and gaskets. Fittings are assumed every 10'. Excludes excavation, backfill and compaction. Not for use where detail is available.

22 13 16 00-0003	LF	2" Diameter, Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	37.27	7.23
		For Work In Restricted Working Space, Add	*5.30*	
22 13 16 00-0004	LF	3" Diameter, Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	53.30	10.90
		For Work In Restricted Working Space, Add	*7.19*	
22 13 16 00-0005	LF	4" Diameter, Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	69.18	13.88
		For Work In Restricted Working Space, Add	*9.26*	
22 13 16 00-0006	LF	5" Diameter, Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	82.17	17.47
		For Work In Restricted Working Space, Add	*9.83*	
22 13 16 00-0007	LF	6" Diameter, Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	96.56	19.03
		For Work In Restricted Working Space, Add	*10.92*	
22 13 16 00-0008	LF	8" Diameter, Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	153.18	26.99
		For Work In Restricted Working Space, Add	*15.28*	
22 13 16 00-0009	LF	10" Diameter, Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	225.37	26.99
		For Work In Restricted Working Space, Add	*17.30*	

22 13 16 00-0010 Aboveground No Hub Cast Iron Soil Pipe Assemblies *(22 13 16 00-0001)*

Note: Includes fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.

22 13 16 00-0011	LF	1-1/2" Diameter, Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	35.81	6.89
		For Work In Restricted Working Space, Add	*6.05*	
22 13 16 00-0012	LF	2" Diameter, Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	37.93	7.35
		For Work In Restricted Working Space, Add	*6.50*	
22 13 16 00-0013	LF	3" Diameter, Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	48.74	10.67
		For Work In Restricted Working Space, Add	*7.97*	
22 13 16 00-0014	LF	4" Diameter, Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	58.89	13.88
		For Work In Restricted Working Space, Add	*9.53*	
22 13 16 00-0015	LF	5" Diameter, Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	78.27	17.13
		For Work In Restricted Working Space, Add	*11.63*	
22 13 16 00-0016	LF	6" Diameter, Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	89.56	18.70
		For Work In Restricted Working Space, Add	*12.67*	
22 13 16 00-0017	LF	8" Diameter, Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	140.81	26.76
		For Work In Restricted Working Space, Add	*17.42*	
22 13 16 00-0018	LF	10" Diameter, Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 20'. Not for use where detail is available.	203.37	30.41
		For Work In Restricted Working Space, Add	*20.24*	

22 13 16 00-0019 Bell And Spigot Cast Iron Soil Pipe And Fittings *(22 13 16)*

Note: Service weight. ASTM A74 and CISPI 301 (Fitting Requirements).

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0020		**Bell And Spigot Cast Iron Pipe** *(22 13 16 00-0019)* Note: Excludes excavation, hangers, gaskets, and fittings.		
22 13 16 00-0021	LF	2" Diameter, Bell And Spigot Cast Iron Pipe	26.61	7.23
		For Above Ground Cast Iron Pipe Installation, Add	*0.55*	
		For Extra Heavy Pipe, Add	*6.59*	
		For Work In Restricted Working Space, Add	*3.28*	
22 13 16 00-0022	LF	3" Diameter, Bell And Spigot Cast Iron Pipe	38.86	10.90
		For Above Ground Cast Iron Pipe Installation, Add	*0.82*	
		For Extra Heavy Pipe, Add	*9.44*	
		For Work In Restricted Working Space, Add	*4.92*	
22 13 16 00-0023	LF	4" Diameter, Bell And Spigot Cast Iron Pipe	50.09	13.88
		For Above Ground Cast Iron Pipe Installation, Add	*1.04*	
		For Extra Heavy Pipe, Add	*12.27*	
		For Work In Restricted Working Space, Add	*6.26*	
22 13 16 00-0024	LF	5" Diameter, Bell And Spigot Cast Iron Pipe	67.37	17.47
		For Above Ground Cast Iron Pipe Installation, Add	*1.31*	
		For Extra Heavy Pipe, Add	*17.32*	
		For Work In Restricted Working Space, Add	*7.84*	
22 13 16 00-0025	LF	6" Diameter, Bell And Spigot Cast Iron Pipe	78.72	19.03
		For Above Ground Cast Iron Pipe Installation, Add	*1.43*	
		For Extra Heavy Pipe, Add	*21.09*	
		For Work In Restricted Working Space, Add	*8.55*	
22 13 16 00-0026	LF	8" Diameter, Bell And Spigot Cast Iron Pipe	118.60	26.99
		For Above Ground Cast Iron Pipe Installation, Add	*2.02*	
		For Extra Heavy Pipe, Add	*32.81*	
		For Work In Restricted Working Space, Add	*12.15*	
22 13 16 00-0027	LF	10" (25 cm) Cast Iron Pipe	175.59	30.41
		For Above Ground Cast Iron Pipe Installation, Add	*2.28*	
		For Extra Heavy Pipe, Add	*54.62*	
		For Work In Restricted Working Space, Add	*13.67*	
22 13 16 00-0028	LF	12" (31 cm) Cast Iron Pipe	249.63	40.54
		For Above Ground Cast Iron Pipe Installation, Add	*3.04*	
		For Extra Heavy Pipe, Add	*79.34*	
		For Work In Restricted Working Space, Add	*18.22*	
22 13 16 00-0029		**Bell And Spigot Cast Iron Fittings** *(22 13 16 00-0019)*		
22 13 16 00-0030		**Bell And Spigot Cast Iron Long Sweeps** *(22 13 16 00-0029)*		
22 13 16 00-0031	EA	2" Bell And Spigot Cast Iron Long Sweep	115.31	32.94
		For Above Ground Cast Iron Pipe Installation, Add	*2.47*	
		For Work In Restricted Working Space, Add	*14.81*	
		For Extra Heavy Fittings, Add	*23.08*	
22 13 16 00-0032	EA	3" Bell And Spigot Cast Iron Long Sweep	195.86	41.43
		For Above Ground Cast Iron Pipe Installation, Add	*3.10*	
		For Work In Restricted Working Space, Add	*18.61*	
		For Extra Heavy Fittings, Add	*46.84*	
22 13 16 00-0033	EA	4" Bell And Spigot Cast Iron Long Sweep	260.93	55.09
		For Above Ground Cast Iron Pipe Installation, Add	*4.13*	
		For Work In Restricted Working Space, Add	*24.77*	
		For Extra Heavy Fittings, Add	*62.43*	
22 13 16 00-0034	EA	6" Bell And Spigot Cast Iron Long Sweep	411.09	73.90
		For Above Ground Cast Iron Pipe Installation, Add	*5.54*	
		For Work In Restricted Working Space, Add	*33.23*	
		For Extra Heavy Fittings, Add	*105.11*	
22 13 16 00-0035	EA	8" Bell And Spigot Cast Iron Long Sweep	812.14	94.98
		For Above Ground Cast Iron Pipe Installation, Add	*7.12*	
		For Work In Restricted Working Space, Add	*42.71*	
		For Extra Heavy Fittings, Add	*234.43*	
22 13 16 00-0036	EA	10" Bell And Spigot Cast Iron Long Sweep	1,110.72	116.84
		For Above Ground Cast Iron Pipe Installation, Add	*8.76*	
		For Work In Restricted Working Space, Add	*52.56*	
		For Extra Heavy Fittings, Add	*327.43*	
22 13 16 00-0037	EA	12" Bell And Spigot Cast Iron Long Sweep	1,703.07	163.08
		For Above Ground Cast Iron Pipe Installation, Add	*12.23*	
		For Work In Restricted Working Space, Add	*73.35*	
		For Extra Heavy Fittings, Add	*510.50*	
22 13 16 00-0038		**Bell And Spigot Cast Iron Short Sweeps** *(22 13 16 00-0029)*		
22 13 16 00-0039	EA	2" Bell And Spigot Cast Iron Short Sweep	97.90	32.94
		For Above Ground Cast Iron Pipe Installation, Add	*2.47*	
		For Work In Restricted Working Space, Add	*14.81*	
		For Extra Heavy Fittings, Add	*16.99*	
22 13 16 00-0040	EA	3" Bell And Spigot Cast Iron Short Sweep	166.64	41.43
		For Above Ground Cast Iron Pipe Installation, Add	*3.10*	
		For Work In Restricted Working Space, Add	*18.61*	
		For Extra Heavy Fittings, Add	*36.61*	
22 13 16 00-0041	EA	4" Bell And Spigot Cast Iron Short Sweep	228.07	55.09
		For Above Ground Cast Iron Pipe Installation, Add	*4.13*	
		For Work In Restricted Working Space, Add	*24.77*	
		For Extra Heavy Fittings, Add	*50.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0042	EA	5" Bell And Spigot Cast Iron Short Sweep	345.74	62.82
		For Above Ground Cast Iron Pipe Installation, Add	*4.71*	
		For Work In Restricted Working Space, Add	*28.25*	
		For Extra Heavy Fittings, Add	*88.06*	
22 13 16 00-0043	EA	6" Bell And Spigot Cast Iron Short Sweep	417.35	73.90
		For Above Ground Cast Iron Pipe Installation, Add	*5.54*	
		For Work In Restricted Working Space, Add	*33.23*	
		For Extra Heavy Fittings, Add	*107.30*	
22 13 16 00-0044	EA	8" Bell And Spigot Cast Iron Short Sweep	686.20	94.98
		For Above Ground Cast Iron Pipe Installation, Add	*7.12*	
		For Work In Restricted Working Space, Add	*42.71*	
		For Extra Heavy Fittings, Add	*190.35*	
22 13 16 00-0045	EA	10" Bell And Spigot Cast Iron Short Sweep	1,003.26	116.84
		For Above Ground Cast Iron Pipe Installation, Add	*8.76*	
		For Work In Restricted Working Space, Add	*52.56*	
		For Extra Heavy Fittings, Add	*289.82*	
22 13 16 00-0046	EA	12" Bell And Spigot Cast Iron Short Sweep	1,662.99	163.08
		For Above Ground Cast Iron Pipe Installation, Add	*12.23*	
		For Work In Restricted Working Space, Add	*73.35*	
		For Extra Heavy Fittings, Add	*496.47*	
22 13 16 00-0047		**Bell And Spigot Cast Iron 1/4 Bends** *(22 13 16 00-0029)*		
22 13 16 00-0048	EA	2" Bell And Spigot Cast Iron 1/4 Bend	88.02	32.82
		For Above Ground Cast Iron Pipe Installation, Add	*2.46*	
		For Work In Restricted Working Space, Add	*14.78*	
		For Extra Heavy Fittings, Add	*13.57*	
22 13 16 00-0049	EA	3" Bell And Spigot Cast Iron 1/4 Bend	132.91	36.96
		For Above Ground Cast Iron Pipe Installation, Add	*2.77*	
		For Work In Restricted Working Space, Add	*16.64*	
		For Extra Heavy Fittings, Add	*27.11*	
22 13 16 00-0050	EA	4" Bell And Spigot Cast Iron 1/4 Bend	190.08	49.23
		For Above Ground Cast Iron Pipe Installation, Add	*3.69*	
		For Work In Restricted Working Space, Add	*22.14*	
		For Extra Heavy Fittings, Add	*40.70*	
22 13 16 00-0051	EA	5" Bell And Spigot Cast Iron 1/4 Bend	240.23	56.10
		For Above Ground Cast Iron Pipe Installation, Add	*4.20*	
		For Work In Restricted Working Space, Add	*25.22*	
		For Extra Heavy Fittings, Add	*54.66*	
22 13 16 00-0052	EA	6" Bell And Spigot Cast Iron 1/4 Bend	288.95	67.18
		For Above Ground Cast Iron Pipe Installation, Add	*5.04*	
		For Work In Restricted Working Space, Add	*30.24*	
		For Extra Heavy Fittings, Add	*65.85*	
22 13 16 00-0053	EA	8" Bell And Spigot Cast Iron 1/4 Bend	597.94	87.46
		For Above Ground Cast Iron Pipe Installation, Add	*6.55*	
		For Work In Restricted Working Space, Add	*39.32*	
		For Extra Heavy Fittings, Add	*163.40*	
22 13 16 00-0054	EA	10" Bell And Spigot Cast Iron 1/4 Bend	881.44	106.13
		For Above Ground Cast Iron Pipe Installation, Add	*7.96*	
		For Work In Restricted Working Space, Add	*47.73*	
		For Extra Heavy Fittings, Add	*252.82*	
22 13 16 00-0055	EA	12" Bell And Spigot Cast Iron 1/4 Bend	1,161.83	125.27
		For Above Ground Cast Iron Pipe Installation, Add	*9.39*	
		For Work In Restricted Working Space, Add	*56.36*	
		For Extra Heavy Fittings, Add	*340.89*	
22 13 16 00-0056		**Bell And Spigot Cast Iron 1/8 Bends** *(22 13 16 00-0029)*		
22 13 16 00-0057	EA	2" Bell And Spigot Cast Iron 1/8 Bend	80.31	32.94
		For Above Ground Cast Iron Pipe Installation, Add	*2.47*	
		For Work In Restricted Working Space, Add	*14.81*	
		For Extra Heavy Fittings, Add	*10.83*	
22 13 16 00-0058	EA	3" Bell And Spigot Cast Iron 1/8 Bend	125.91	41.43
		For Above Ground Cast Iron Pipe Installation, Add	*3.10*	
		For Work In Restricted Working Space, Add	*18.61*	
		For Extra Heavy Fittings, Add	*22.35*	
22 13 16 00-0059	EA	4" Bell And Spigot Cast Iron 1/8 Bend	179.47	55.09
		For Above Ground Cast Iron Pipe Installation, Add	*4.13*	
		For Work In Restricted Working Space, Add	*24.77*	
		For Extra Heavy Fittings, Add	*33.92*	
22 13 16 00-0060	EA	5" Bell And Spigot Cast Iron 1/8 Bend	227.41	70.21
		For Above Ground Cast Iron Pipe Installation, Add	*5.26*	
		For Work In Restricted Working Space, Add	*31.57*	
		For Extra Heavy Fittings, Add	*42.77*	
22 13 16 00-0061	EA	6" Bell And Spigot Cast Iron 1/8 Bend	262.91	78.28
		For Above Ground Cast Iron Pipe Installation, Add	*5.87*	
		For Work In Restricted Working Space, Add	*35.22*	
		For Extra Heavy Fittings, Add	*50.93*	
22 13 16 00-0062	EA	8" Bell And Spigot Cast Iron 1/8 Bend	521.14	104.77
		For Above Ground Cast Iron Pipe Installation, Add	*7.85*	
		For Work In Restricted Working Space, Add	*47.12*	
		For Extra Heavy Fittings, Add	*127.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0063	EA	10" Bell And Spigot Cast Iron 1/8 Bend	728.57	129.26
		For Above Ground Cast Iron Pipe Installation, Add	*9.69*	
		For Work In Restricted Working Space, Add	*58.15*	
		For Extra Heavy Fittings, Add	*187.16*	
22 13 16 00-0064	EA	12" Bell And Spigot Cast Iron 1/8 Bend	1,176.51	167.63
		For Above Ground Cast Iron Pipe Installation, Add	*12.56*	
		For Work In Restricted Working Space, Add	*75.38*	
		For Extra Heavy Fittings, Add	*323.84*	
22 13 16 00-0065		**Bell And Spigot Cast Iron Wyes** *(22 13 16 00-0029)*		
22 13 16 00-0066	EA	2" Bell And Spigot Cast Iron Wye	140.13	73.57
		For Above Ground Cast Iron Pipe Installation, Add	*5.52*	
		For Work In Restricted Working Space, Add	*33.11*	
		For Extra Heavy Fittings, Add	*10.42*	
22 13 16 00-0067	EA	3" Bell And Spigot Cast Iron Wye	176.58	80.57
		For Above Ground Cast Iron Pipe Installation, Add	*6.04*	
		For Work In Restricted Working Space, Add	*36.24*	
		For Extra Heavy Fittings, Add	*19.52*	
22 13 16 00-0068	EA	4" Bell And Spigot Cast Iron Wye	232.49	105.59
		For Above Ground Cast Iron Pipe Installation, Add	*7.91*	
		For Work In Restricted Working Space, Add	*47.48*	
		For Extra Heavy Fittings, Add	*25.98*	
22 13 16 00-0069	EA	5" Bell And Spigot Cast Iron Wye	304.87	120.83
		For Above Ground Cast Iron Pipe Installation, Add	*9.06*	
		For Work In Restricted Working Space, Add	*54.36*	
		For Extra Heavy Fittings, Add	*43.28*	
22 13 16 00-0070	EA	6" Bell And Spigot Cast Iron Wye	382.31	143.22
		For Above Ground Cast Iron Pipe Installation, Add	*10.74*	
		For Work In Restricted Working Space, Add	*64.43*	
		For Extra Heavy Fittings, Add	*58.65*	
22 13 16 00-0071	EA	8" Bell And Spigot Cast Iron Wye	697.74	191.32
		For Above Ground Cast Iron Pipe Installation, Add	*14.34*	
		For Work In Restricted Working Space, Add	*86.06*	
		For Extra Heavy Fittings, Add	*143.81*	
22 13 16 00-0072	EA	10" Bell And Spigot Cast Iron Wye	977.54	217.05
		For Above Ground Cast Iron Pipe Installation, Add	*16.27*	
		For Work In Restricted Working Space, Add	*97.61*	
		For Extra Heavy Fittings, Add	*228.26*	
22 13 16 00-0073	EA	12" Bell And Spigot Cast Iron Wye	1,445.28	264.21
		For Above Ground Cast Iron Pipe Installation, Add	*19.81*	
		For Work In Restricted Working Space, Add	*118.83*	
		For Extra Heavy Fittings, Add	*367.21*	
22 13 16 00-0074		**Bell And Spigot Cast Iron Reducing Wyes** *(22 13 16 00-0029)*		
22 13 16 00-0075	EA	3" x 2" Bell And Spigot Cast Iron Reducing Wye	222.40	76.89
		For Above Ground Cast Iron Pipe Installation, Add	*5.77*	
		For Work In Restricted Working Space, Add	*34.60*	
		For Extra Heavy Fittings, Add	*37.48*	
22 13 16 00-0076	EA	4" x 2" Bell And Spigot Cast Iron Reducing Wye	270.67	95.03
		For Above Ground Cast Iron Pipe Installation, Add	*7.13*	
		For Work In Restricted Working Space, Add	*42.76*	
		For Extra Heavy Fittings, Add	*44.85*	
22 13 16 00-0077	EA	4" x 3" Bell And Spigot Cast Iron Reducing Wye	302.15	97.44
		For Above Ground Cast Iron Pipe Installation, Add	*7.31*	
		For Work In Restricted Working Space, Add	*43.85*	
		For Extra Heavy Fittings, Add	*54.59*	
22 13 16 00-0078	EA	6" x 2" Bell And Spigot Cast Iron Reducing Wye	452.28	128.33
		For Above Ground Cast Iron Pipe Installation, Add	*9.62*	
		For Work In Restricted Working Space, Add	*57.69*	
		For Extra Heavy Fittings, Add	*90.99*	
22 13 16 00-0079	EA	6" x 3" Bell And Spigot Cast Iron Reducing Wye	463.98	130.68
		For Above Ground Cast Iron Pipe Installation, Add	*9.80*	
		For Work In Restricted Working Space, Add	*58.79*	
		For Extra Heavy Fittings, Add	*93.81*	
22 13 16 00-0080	EA	6" x 4" Bell And Spigot Cast Iron Reducing Wye	485.72	139.42
		For Above Ground Cast Iron Pipe Installation, Add	*10.45*	
		For Work In Restricted Working Space, Add	*62.71*	
		For Extra Heavy Fittings, Add	*96.84*	
22 13 16 00-0081	EA	8" x 2" Bell And Spigot Cast Iron Reducing Wye	712.84	153.85
		For Above Ground Cast Iron Pipe Installation, Add	*11.53*	
		For Work In Restricted Working Space, Add	*69.20*	
		For Extra Heavy Fittings, Add	*168.77*	
22 13 16 00-0082	EA	8" x 3" Bell And Spigot Cast Iron Reducing Wye	745.10	156.81
		For Above Ground Cast Iron Pipe Installation, Add	*11.75*	
		For Work In Restricted Working Space, Add	*70.52*	
		For Extra Heavy Fittings, Add	*178.52*	
22 13 16 00-0083	EA	8" x 4" Bell And Spigot Cast Iron Reducing Wye	763.08	164.22
		For Above Ground Cast Iron Pipe Installation, Add	*12.31*	
		For Work In Restricted Working Space, Add	*73.87*	
		For Extra Heavy Fittings, Add	*180.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0084	EA	8" x 6" Bell And Spigot Cast Iron Reducing Wye	901.57	182.67
		For Above Ground Cast Iron Pipe Installation, Add	*13.70*	
		For Work In Restricted Working Space, Add	*82.18*	
		For Extra Heavy Fittings, Add	*219.68*	
22 13 16 00-0085	EA	10" x 3" Bell And Spigot Cast Iron Reducing Wye	1,111.45	171.16
		For Above Ground Cast Iron Pipe Installation, Add	*12.83*	
		For Work In Restricted Working Space, Add	*76.99*	
		For Extra Heavy Fittings, Add	*299.19*	
22 13 16 00-0086	EA	10" x 4" Bell And Spigot Cast Iron Reducing Wye	1,156.20	178.68
		For Above Ground Cast Iron Pipe Installation, Add	*13.40*	
		For Work In Restricted Working Space, Add	*80.39*	
		For Extra Heavy Fittings, Add	*310.89*	
22 13 16 00-0087	EA	10" x 6" Bell And Spigot Cast Iron Reducing Wye	1,264.90	197.58
		For Above Ground Cast Iron Pipe Installation, Add	*14.81*	
		For Work In Restricted Working Space, Add	*88.85*	
		For Extra Heavy Fittings, Add	*339.05*	
22 13 16 00-0088	EA	10" x 8" Bell And Spigot Cast Iron Reducing Wye	1,672.21	209.54
		For Above Ground Cast Iron Pipe Installation, Add	*15.71*	
		For Work In Restricted Working Space, Add	*94.25*	
		For Extra Heavy Fittings, Add	*475.32*	
22 13 16 00-0089	EA	12" x 4" Bell And Spigot Cast Iron Reducing Wye	1,721.11	209.54
		For Above Ground Cast Iron Pipe Installation, Add	*15.71*	
		For Work In Restricted Working Space, Add	*94.25*	
		For Extra Heavy Fittings, Add	*492.44*	
22 13 16 00-0090	EA	12" x 6" Bell And Spigot Cast Iron Reducing Wye	1,791.36	227.08
		For Above Ground Cast Iron Pipe Installation, Add	*17.02*	
		For Work In Restricted Working Space, Add	*102.14*	
		For Extra Heavy Fittings, Add	*507.82*	
22 13 16 00-0091	EA	12" x 8" Bell And Spigot Cast Iron Reducing Wye	2,103.44	238.35
		For Above Ground Cast Iron Pipe Installation, Add	*17.86*	
		For Work In Restricted Working Space, Add	*107.18*	
		For Extra Heavy Fittings, Add	*611.16*	
22 13 16 00-0092	EA	12" x 10" Bell And Spigot Cast Iron Reducing Wye	2,556.70	245.42
		For Above Ground Cast Iron Pipe Installation, Add	*18.40*	
		For Work In Restricted Working Space, Add	*110.39*	
		For Extra Heavy Fittings, Add	*766.06*	
22 13 16 00-0093		**Bell And Spigot Cast Iron Combination Wye And 1/8 Bends** *(22 13 16 00-0029)*		
22 13 16 00-0094	EA	2" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	152.88	73.57
		For Above Ground Cast Iron Pipe Installation, Add	*5.52*	
		For Work In Restricted Working Space, Add	*33.11*	
		For Extra Heavy Fittings, Add	*14.88*	
22 13 16 00-0095	EA	3" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	184.44	80.57
		For Above Ground Cast Iron Pipe Installation, Add	*6.04*	
		For Work In Restricted Working Space, Add	*36.24*	
		For Extra Heavy Fittings, Add	*22.27*	
22 13 16 00-0096	EA	4" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	246.17	105.59
		For Above Ground Cast Iron Pipe Installation, Add	*7.91*	
		For Work In Restricted Working Space, Add	*47.48*	
		For Extra Heavy Fittings, Add	*30.77*	
22 13 16 00-0097	EA	5" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	349.25	126.76
		For Above Ground Cast Iron Pipe Installation, Add	*9.50*	
		For Work In Restricted Working Space, Add	*56.99*	
		For Extra Heavy Fittings, Add	*55.74*	
22 13 16 00-0098	EA	6" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	437.35	157.22
		For Above Ground Cast Iron Pipe Installation, Add	*11.78*	
		For Work In Restricted Working Space, Add	*70.70*	
		For Extra Heavy Fittings, Add	*70.58*	
22 13 16 00-0099	EA	8" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	799.75	206.01
		For Above Ground Cast Iron Pipe Installation, Add	*15.44*	
		For Work In Restricted Working Space, Add	*92.65*	
		For Extra Heavy Fittings, Add	*171.82*	
22 13 16 00-0100	EA	10" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	1,153.89	270.12
		For Above Ground Cast Iron Pipe Installation, Add	*20.25*	
		For Work In Restricted Working Space, Add	*121.47*	
		For Extra Heavy Fittings, Add	*262.14*	
22 13 16 00-0101	EA	12" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	1,546.97	347.22
		For Above Ground Cast Iron Pipe Installation, Add	*26.03*	
		For Work In Restricted Working Space, Add	*156.18*	
		For Extra Heavy Fittings, Add	*359.23*	
22 13 16 00-0102		**Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bends** *(22 13 16 00-0029)*		
22 13 16 00-0103	EA	3" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	163.04	76.89
		For Above Ground Cast Iron Pipe Installation, Add	*5.77*	
		For Work In Restricted Working Space, Add	*34.60*	
		For Extra Heavy Fittings, Add	*16.70*	
22 13 16 00-0104	EA	4" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	230.20	95.03
		For Above Ground Cast Iron Pipe Installation, Add	*7.13*	
		For Work In Restricted Working Space, Add	*42.76*	
		For Extra Heavy Fittings, Add	*30.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0105	EA	4" x 3" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	248.74	97.44
		For Above Ground Cast Iron Pipe Installation, Add	*7.31*	
		For Work In Restricted Working Space, Add	*43.85*	
		For Extra Heavy Fittings, Add	*35.90*	
22 13 16 00-0106	EA	6" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	375.68	128.33
		For Above Ground Cast Iron Pipe Installation, Add	*9.62*	
		For Work In Restricted Working Space, Add	*57.69*	
		For Extra Heavy Fittings, Add	*64.18*	
22 13 16 00-0107	EA	6" x 3" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	391.26	130.68
		For Above Ground Cast Iron Pipe Installation, Add	*9.80*	
		For Work In Restricted Working Space, Add	*58.79*	
		For Extra Heavy Fittings, Add	*68.36*	
22 13 16 00-0108	EA	6" x 4" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	414.76	139.42
		For Above Ground Cast Iron Pipe Installation, Add	*10.45*	
		For Work In Restricted Working Space, Add	*62.71*	
		For Extra Heavy Fittings, Add	*72.01*	
22 13 16 00-0109	EA	8" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	570.56	153.85
		For Above Ground Cast Iron Pipe Installation, Add	*11.53*	
		For Work In Restricted Working Space, Add	*69.20*	
		For Extra Heavy Fittings, Add	*118.97*	
22 13 16 00-0110	EA	8" x 4" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	586.14	164.22
		For Above Ground Cast Iron Pipe Installation, Add	*12.31*	
		For Work In Restricted Working Space, Add	*73.87*	
		For Extra Heavy Fittings, Add	*118.97*	
22 13 16 00-0111	EA	8" x 6" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	740.55	182.67
		For Above Ground Cast Iron Pipe Installation, Add	*13.70*	
		For Work In Restricted Working Space, Add	*82.18*	
		For Extra Heavy Fittings, Add	*163.32*	
22 13 16 00-0112		**Bell And Spigot Cast Iron Double Wyes** *(22 13 16 00-0029)*		
22 13 16 00-0113	EA	2" Bell And Spigot Cast Iron Double Wye	249.53	88.03
		For Above Ground Cast Iron Pipe Installation, Add	*6.60*	
		For Work In Restricted Working Space, Add	*39.58*	
		For Extra Heavy Fittings, Add	*41.16*	
22 13 16 00-0114	EA	3" Bell And Spigot Cast Iron Double Wye	363.79	110.98
		For Above Ground Cast Iron Pipe Installation, Add	*8.32*	
		For Work In Restricted Working Space, Add	*49.90*	
		For Extra Heavy Fittings, Add	*69.11*	
22 13 16 00-0115	EA	4" Bell And Spigot Cast Iron Double Wye	494.01	140.36
		For Above Ground Cast Iron Pipe Installation, Add	*10.53*	
		For Work In Restricted Working Space, Add	*63.15*	
		For Extra Heavy Fittings, Add	*99.23*	
22 13 16 00-0116	EA	6" Bell And Spigot Cast Iron Double Wye	958.80	220.04
		For Above Ground Cast Iron Pipe Installation, Add	*16.50*	
		For Work In Restricted Working Space, Add	*98.97*	
		For Extra Heavy Fittings, Add	*220.11*	
22 13 16 00-0117	EA	8" Bell And Spigot Cast Iron Double Wye	1,918.44	258.62
		For Above Ground Cast Iron Pipe Installation, Add	*19.38*	
		For Work In Restricted Working Space, Add	*116.30*	
		For Extra Heavy Fittings, Add	*535.77*	
22 13 16 00-0118	EA	10" Bell And Spigot Cast Iron Double Wye	2,542.74	289.37
		For Above Ground Cast Iron Pipe Installation, Add	*21.69*	
		For Work In Restricted Working Space, Add	*130.15*	
		For Extra Heavy Fittings, Add	*738.12*	
22 13 16 00-0119	EA	12" Bell And Spigot Cast Iron Double Wye	1,762.10	347.22
		For Above Ground Cast Iron Pipe Installation, Add	*26.03*	
		For Work In Restricted Working Space, Add	*156.18*	
		For Extra Heavy Fittings, Add	*434.53*	
22 13 16 00-0120	EA	15" Bell And Spigot Cast Iron Double Wye	4,972.95	364.42
		For Above Ground Cast Iron Pipe Installation, Add	*27.33*	
		For Work In Restricted Working Space, Add	*164.00*	
		For Extra Heavy Fittings, Add	*1,549.21*	
22 13 16 00-0121		**Bell And Spigot Cast Iron Reducing Double Wyes** *(22 13 16 00-0029)*		
22 13 16 00-0122	EA	3" x 2" Bell And Spigot Cast Iron Reducing Double Wye	225.50	104.10
		For Above Ground Cast Iron Pipe Installation, Add	*7.81*	
		For Work In Restricted Working Space, Add	*46.83*	
		For Extra Heavy Fittings, Add	*24.29*	
22 13 16 00-0123	EA	4" x 2" Bell And Spigot Cast Iron Reducing Double Wye	262.09	119.59
		For Above Ground Cast Iron Pipe Installation, Add	*8.97*	
		For Work In Restricted Working Space, Add	*53.80*	
		For Extra Heavy Fittings, Add	*28.97*	
22 13 16 00-0124	EA	4" x 3" Bell And Spigot Cast Iron Reducing Double Wye	284.03	125.44
		For Above Ground Cast Iron Pipe Installation, Add	*9.41*	
		For Work In Restricted Working Space, Add	*56.45*	
		For Extra Heavy Fittings, Add	*33.56*	
22 13 16 00-0125	EA	6" x 2" Bell And Spigot Cast Iron Reducing Double Wye	371.91	152.63
		For Above Ground Cast Iron Pipe Installation, Add	*11.44*	
		For Work In Restricted Working Space, Add	*68.64*	
		For Extra Heavy Fittings, Add	*50.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0126	EA	6" x 3" Bell And Spigot Cast Iron Reducing Double Wye	394.26	158.45
		For Above Ground Cast Iron Pipe Installation, Add	*11.88*	
		For Work In Restricted Working Space, Add	*71.26*	
		For Extra Heavy Fittings, Add	*54.86*	
22 13 16 00-0127	EA	6" x 4" Bell And Spigot Cast Iron Reducing Double Wye	453.65	172.79
		For Above Ground Cast Iron Pipe Installation, Add	*12.95*	
		For Work In Restricted Working Space, Add	*77.71*	
		For Extra Heavy Fittings, Add	*68.11*	
22 13 16 00-0128	EA	8" x 4" Bell And Spigot Cast Iron Reducing Double Wye	730.82	199.29
		For Above Ground Cast Iron Pipe Installation, Add	*14.94*	
		For Work In Restricted Working Space, Add	*89.61*	
		For Extra Heavy Fittings, Add	*151.24*	
22 13 16 00-0129	EA	8" x 6" Bell And Spigot Cast Iron Reducing Double Wye	795.87	235.84
		For Above Ground Cast Iron Pipe Installation, Add	*17.68*	
		For Work In Restricted Working Space, Add	*106.10*	
		For Extra Heavy Fittings, Add	*154.77*	
22 13 16 00-0130	EA	10" x 4" Bell And Spigot Cast Iron Reducing Double Wye	778.52	213.18
		For Above Ground Cast Iron Pipe Installation, Add	*15.98*	
		For Work In Restricted Working Space, Add	*95.90*	
		For Extra Heavy Fittings, Add	*160.60*	
22 13 16 00-0131	EA	10" x 6" Bell And Spigot Cast Iron Reducing Double Wye	907.30	250.42
		For Above Ground Cast Iron Pipe Installation, Add	*18.78*	
		For Work In Restricted Working Space, Add	*112.66*	
		For Extra Heavy Fittings, Add	*186.12*	
22 13 16 00-0132	EA	10" x 8" Bell And Spigot Cast Iron Reducing Double Wye	1,118.32	272.97
		For Above Ground Cast Iron Pipe Installation, Add	*20.46*	
		For Work In Restricted Working Space, Add	*122.78*	
		For Extra Heavy Fittings, Add	*248.17*	
22 13 16 00-0133	EA	12" x 6" Bell And Spigot Cast Iron Reducing Double Wye	1,142.28	279.24
		For Above Ground Cast Iron Pipe Installation, Add	*20.93*	
		For Work In Restricted Working Space, Add	*125.60*	
		For Extra Heavy Fittings, Add	*253.26*	
22 13 16 00-0134	EA	12" x 8" Bell And Spigot Cast Iron Reducing Double Wye	1,460.57	303.83
		For Above Ground Cast Iron Pipe Installation, Add	*22.78*	
		For Work In Restricted Working Space, Add	*136.66*	
		For Extra Heavy Fittings, Add	*351.77*	

22 13 16 00-0135 Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bends *(22 13 16 00-0029)*

22 13 16 00-0136	EA	2" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend	207.37	88.03
		For Above Ground Cast Iron Pipe Installation, Add	*6.60*	
		For Work In Restricted Working Space, Add	*39.58*	
		For Extra Heavy Fittings, Add	*26.41*	
22 13 16 00-0137	EA	3" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend	279.32	117.76
		For Above Ground Cast Iron Pipe Installation, Add	*8.83*	
		For Work In Restricted Working Space, Add	*52.97*	
		For Extra Heavy Fittings, Add	*35.96*	
22 13 16 00-0138	EA	4" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend	365.31	147.25
		For Above Ground Cast Iron Pipe Installation, Add	*11.04*	
		For Work In Restricted Working Space, Add	*66.21*	
		For Extra Heavy Fittings, Add	*50.61*	
22 13 16 00-0139	EA	6" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend	816.97	245.91
		For Above Ground Cast Iron Pipe Installation, Add	*18.44*	
		For Work In Restricted Working Space, Add	*110.61*	
		For Extra Heavy Fittings, Add	*156.89*	

22 13 16 00-0140 Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bends *(22 13 16 00-0029)*

22 13 16 00-0141	EA	3" x 2" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	277.54	105.59
		For Above Ground Cast Iron Pipe Installation, Add	*7.91*	
		For Work In Restricted Working Space, Add	*47.48*	
		For Extra Heavy Fittings, Add	*41.74*	
22 13 16 00-0142	EA	4" x 2" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	329.60	119.59
		For Above Ground Cast Iron Pipe Installation, Add	*8.97*	
		For Work In Restricted Working Space, Add	*53.80*	
		For Extra Heavy Fittings, Add	*52.59*	
22 13 16 00-0143	EA	4" x 3" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	370.09	133.14
		For Above Ground Cast Iron Pipe Installation, Add	*9.98*	
		For Work In Restricted Working Space, Add	*59.86*	
		For Extra Heavy Fittings, Add	*59.69*	
22 13 16 00-0144	EA	6" x 4" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	753.58	183.43
		For Above Ground Cast Iron Pipe Installation, Add	*13.75*	
		For Work In Restricted Working Space, Add	*82.51*	
		For Extra Heavy Fittings, Add	*167.49*	

22 13 16 00-0145 Bell And Spigot Cast Iron Sanitary Tees *(22 13 16 00-0029)*

22 13 16 00-0146	EA	2" Bell And Spigot Cast Iron Sanitary Tee	169.25	73.68
		For Above Ground Cast Iron Pipe Installation, Add	*5.52*	
		For Work In Restricted Working Space, Add	*33.14*	
		For Extra Heavy Fittings, Add	*20.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0147	EA	3" Bell And Spigot Cast Iron Sanitary Tee	192.61	80.57
		For Above Ground Cast Iron Pipe Installation, Add	*6.04*	
		For Work In Restricted Working Space, Add	*36.24*	
		For Extra Heavy Fittings, Add	*25.13*	
22 13 16 00-0148	EA	4" Bell And Spigot Cast Iron Sanitary Tee	311.47	98.70
		For Above Ground Cast Iron Pipe Installation, Add	*7.40*	
		For Work In Restricted Working Space, Add	*44.42*	
		For Extra Heavy Fittings, Add	*57.19*	
22 13 16 00-0149	EA	5" Bell And Spigot Cast Iron Sanitary Tee	458.56	111.76
		For Above Ground Cast Iron Pipe Installation, Add	*8.38*	
		For Work In Restricted Working Space, Add	*50.29*	
		For Extra Heavy Fittings, Add	*101.82*	
22 13 16 00-0150	EA	6" Bell And Spigot Cast Iron Sanitary Tee	550.10	134.04
		For Above Ground Cast Iron Pipe Installation, Add	*10.05*	
		For Work In Restricted Working Space, Add	*60.30*	
		For Extra Heavy Fittings, Add	*122.19*	
22 13 16 00-0151	EA	8" Bell And Spigot Cast Iron Sanitary Tee	1,181.29	174.81
		For Above Ground Cast Iron Pipe Installation, Add	*13.10*	
		For Work In Restricted Working Space, Add	*78.63*	
		For Extra Heavy Fittings, Add	*321.72*	
22 13 16 00-0152	EA	10" Bell And Spigot Cast Iron Sanitary Tee	1,775.52	213.18
		For Above Ground Cast Iron Pipe Installation, Add	*15.98*	
		For Work In Restricted Working Space, Add	*95.90*	
		For Extra Heavy Fittings, Add	*509.55*	
22 13 16 00-0153	EA	12" Bell And Spigot Cast Iron Sanitary Tee	2,649.70	250.42
		For Above Ground Cast Iron Pipe Installation, Add	*18.78*	
		For Work In Restricted Working Space, Add	*112.66*	
		For Extra Heavy Fittings, Add	*795.96*	

22 13 16 00-0154 Bell And Spigot Cast Iron Reducing Sanitary Tees *(22 13 16 00-0029)*

22 13 16 00-0155	EA	3" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee	227.98	76.89
		For Above Ground Cast Iron Pipe Installation, Add	*5.77*	
		For Work In Restricted Working Space, Add	*34.60*	
		For Extra Heavy Fittings, Add	*39.43*	
22 13 16 00-0156	EA	4" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee	269.97	90.09
		For Above Ground Cast Iron Pipe Installation, Add	*6.75*	
		For Work In Restricted Working Space, Add	*40.51*	
		For Extra Heavy Fittings, Add	*47.23*	
22 13 16 00-0157	EA	4" x 3" Bell And Spigot Cast Iron Reducing Sanitary Tee	282.97	90.09
		For Above Ground Cast Iron Pipe Installation, Add	*6.75*	
		For Work In Restricted Working Space, Add	*40.51*	
		For Extra Heavy Fittings, Add	*51.78*	
22 13 16 00-0158	EA	6" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee	434.95	128.33
		For Above Ground Cast Iron Pipe Installation, Add	*9.62*	
		For Work In Restricted Working Space, Add	*57.69*	
		For Extra Heavy Fittings, Add	*84.92*	
22 13 16 00-0159	EA	6" x 3" Bell And Spigot Cast Iron Reducing Sanitary Tee	452.84	130.68
		For Above Ground Cast Iron Pipe Installation, Add	*9.80*	
		For Work In Restricted Working Space, Add	*58.79*	
		For Extra Heavy Fittings, Add	*89.91*	
22 13 16 00-0160	EA	6" x 4" Bell And Spigot Cast Iron Reducing Sanitary Tee	491.29	139.42
		For Above Ground Cast Iron Pipe Installation, Add	*10.45*	
		For Work In Restricted Working Space, Add	*62.71*	
		For Extra Heavy Fittings, Add	*98.79*	
22 13 16 00-0161	EA	8" x 4" Bell And Spigot Cast Iron Reducing Sanitary Tee	836.74	164.22
		For Above Ground Cast Iron Pipe Installation, Add	*12.31*	
		For Work In Restricted Working Space, Add	*73.87*	
		For Extra Heavy Fittings, Add	*206.68*	
22 13 16 00-0162	EA	8" x 6" Bell And Spigot Cast Iron Reducing Sanitary Tee	1,050.75	182.67
		For Above Ground Cast Iron Pipe Installation, Add	*13.70*	
		For Work In Restricted Working Space, Add	*82.18*	
		For Extra Heavy Fittings, Add	*271.89*	

22 13 16 00-0163 Bell And Spigot Cast Iron Vent Tees *(22 13 16 00-0029)*

22 13 16 00-0164	EA	2" Bell And Spigot Cast Iron Vent Tee	144.71	73.57
		For Above Ground Cast Iron Pipe Installation, Add	*5.52*	
		For Work In Restricted Working Space, Add	*33.11*	
		For Extra Heavy Fittings, Add	*12.02*	
22 13 16 00-0165	EA	3" Bell And Spigot Cast Iron Vent Tee	180.60	80.57
		For Above Ground Cast Iron Pipe Installation, Add	*6.04*	
		For Work In Restricted Working Space, Add	*36.24*	
		For Extra Heavy Fittings, Add	*20.93*	
22 13 16 00-0166	EA	4" Bell And Spigot Cast Iron Vent Tee	239.30	105.59
		For Above Ground Cast Iron Pipe Installation, Add	*7.91*	
		For Work In Restricted Working Space, Add	*47.48*	
		For Extra Heavy Fittings, Add	*28.36*	
22 13 16 00-0167	EA	5" Bell And Spigot Cast Iron Vent Tee	310.87	126.76
		For Above Ground Cast Iron Pipe Installation, Add	*9.50*	
		For Work In Restricted Working Space, Add	*56.99*	
		For Extra Heavy Fittings, Add	*42.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0168	EA	6" Bell And Spigot Cast Iron Vent Tee	391.42	157.22
		For Above Ground Cast Iron Pipe Installation, Add	*11.78*	
		For Work In Restricted Working Space, Add	*70.70*	
		For Extra Heavy Fittings, Add	*54.51*	
22 13 16 00-0169	EA	8" Bell And Spigot Cast Iron Vent Tee	671.25	206.01
		For Above Ground Cast Iron Pipe Installation, Add	*15.44*	
		For Work In Restricted Working Space, Add	*92.65*	
		For Extra Heavy Fittings, Add	*126.85*	
22 13 16 00-0170		**Bell And Spigot Cast Iron Tapped Sanitary Tees** *(22 13 16 00-0029)*		
22 13 16 00-0171	EA	2" Bell And Spigot Cast Iron Tapped Sanitary Tee	148.74	73.57
		For Above Ground Cast Iron Pipe Installation, Add	*5.52*	
		For Work In Restricted Working Space, Add	*33.11*	
		For Extra Heavy Fittings, Add	*13.43*	
22 13 16 00-0172	EA	3" Bell And Spigot Cast Iron Tapped Sanitary Tee	164.20	80.57
		For Above Ground Cast Iron Pipe Installation, Add	*6.04*	
		For Work In Restricted Working Space, Add	*36.24*	
		For Extra Heavy Fittings, Add	*15.19*	
22 13 16 00-0173	EA	4" Bell And Spigot Cast Iron Tapped Sanitary Tee	211.75	105.59
		For Above Ground Cast Iron Pipe Installation, Add	*7.91*	
		For Work In Restricted Working Space, Add	*47.48*	
		For Extra Heavy Fittings, Add	*18.72*	
22 13 16 00-0174		**Bell And Spigot Cast Iron Tapped Sanitary Crosses** *(22 13 16 00-0029)*		
22 13 16 00-0175	EA	2" Bell And Spigot Cast Iron Tapped Sanitary Cross	151.28	73.57
		For Above Ground Cast Iron Pipe Installation, Add	*5.52*	
		For Work In Restricted Working Space, Add	*33.11*	
		For Extra Heavy Fittings, Add	*14.32*	
22 13 16 00-0176	EA	3" Bell And Spigot Cast Iron Tapped Sanitary Cross	169.03	80.57
		For Above Ground Cast Iron Pipe Installation, Add	*6.04*	
		For Work In Restricted Working Space, Add	*36.24*	
		For Extra Heavy Fittings, Add	*16.88*	
22 13 16 00-0177	EA	4" Bell And Spigot Cast Iron Tapped Sanitary Cross	223.88	105.59
		For Above Ground Cast Iron Pipe Installation, Add	*7.91*	
		For Work In Restricted Working Space, Add	*47.48*	
		For Extra Heavy Fittings, Add	*22.96*	
22 13 16 00-0178		**Bell And Spigot Cast Iron Reducers** *(22 13 16 00-0029)*		
22 13 16 00-0179	EA	3" x 2" Bell And Spigot Cast Iron Reducer	83.77	41.43
		For Above Ground Cast Iron Pipe Installation, Add	*3.10*	
		For Work In Restricted Working Space, Add	*18.61*	
		For Extra Heavy Fittings, Add	*7.61*	
22 13 16 00-0180	EA	4" x 2" Bell And Spigot Cast Iron Reducer	104.70	54.63
		For Above Ground Cast Iron Pipe Installation, Add	*4.10*	
		For Work In Restricted Working Space, Add	*24.59*	
		For Extra Heavy Fittings, Add	*7.95*	
22 13 16 00-0181	EA	4" x 3" Bell And Spigot Cast Iron Reducer	112.10	55.09
		For Above Ground Cast Iron Pipe Installation, Add	*4.13*	
		For Work In Restricted Working Space, Add	*24.77*	
		For Extra Heavy Fittings, Add	*10.34*	
22 13 16 00-0182	EA	6" x 2" Bell And Spigot Cast Iron Reducer	144.70	67.86
		For Above Ground Cast Iron Pipe Installation, Add	*5.09*	
		For Work In Restricted Working Space, Add	*30.54*	
		For Extra Heavy Fittings, Add	*15.02*	
22 13 16 00-0183	EA	6" x 3" Bell And Spigot Cast Iron Reducer	151.36	68.76
		For Above Ground Cast Iron Pipe Installation, Add	*5.16*	
		For Work In Restricted Working Space, Add	*30.94*	
		For Extra Heavy Fittings, Add	*16.88*	
22 13 16 00-0184	EA	6" x 4" Bell And Spigot Cast Iron Reducer	156.22	70.21
		For Above Ground Cast Iron Pipe Installation, Add	*5.26*	
		For Work In Restricted Working Space, Add	*31.57*	
		For Extra Heavy Fittings, Add	*17.85*	
22 13 16 00-0185	EA	8" x 2" Bell And Spigot Cast Iron Reducer	202.62	72.34
		For Above Ground Cast Iron Pipe Installation, Add	*5.42*	
		For Work In Restricted Working Space, Add	*32.54*	
		For Extra Heavy Fittings, Add	*32.95*	
22 13 16 00-0186	EA	8" x 3" Bell And Spigot Cast Iron Reducer	228.13	88.71
		For Above Ground Cast Iron Pipe Installation, Add	*6.65*	
		For Work In Restricted Working Space, Add	*39.90*	
		For Extra Heavy Fittings, Add	*33.30*	
22 13 16 00-0187	EA	8" x 4" Bell And Spigot Cast Iron Reducer	234.14	90.99
		For Above Ground Cast Iron Pipe Installation, Add	*6.82*	
		For Work In Restricted Working Space, Add	*40.94*	
		For Extra Heavy Fittings, Add	*34.19*	
22 13 16 00-0188	EA	8" x 6" Bell And Spigot Cast Iron Reducer	241.82	94.98
		For Above Ground Cast Iron Pipe Installation, Add	*7.12*	
		For Work In Restricted Working Space, Add	*42.71*	
		For Extra Heavy Fittings, Add	*34.81*	
22 13 16 00-0189	EA	10" x 4" Bell And Spigot Cast Iron Reducer	302.21	106.59
		For Above Ground Cast Iron Pipe Installation, Add	*7.99*	
		For Work In Restricted Working Space, Add	*47.95*	
		For Extra Heavy Fittings, Add	*49.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0190	EA	10" x 6" Bell And Spigot Cast Iron Reducer	318.63	111.95
		For Above Ground Cast Iron Pipe Installation, Add	*8.40*	
		For Work In Restricted Working Space, Add	*50.37*	
		For Extra Heavy Fittings, Add	*52.75*	
22 13 16 00-0191	EA	10" x 8" Bell And Spigot Cast Iron Reducer	339.54	116.84
		For Above Ground Cast Iron Pipe Installation, Add	*8.76*	
		For Work In Restricted Working Space, Add	*52.56*	
		For Extra Heavy Fittings, Add	*57.52*	
22 13 16 00-0192	EA	12" x 4" Bell And Spigot Cast Iron Reducer	422.23	126.64
		For Above Ground Cast Iron Pipe Installation, Add	*9.49*	
		For Work In Restricted Working Space, Add	*56.94*	
		For Extra Heavy Fittings, Add	*81.35*	
22 13 16 00-0193	EA	12" x 6" Bell And Spigot Cast Iron Reducer	470.79	148.16
		For Above Ground Cast Iron Pipe Installation, Add	*11.11*	
		For Work In Restricted Working Space, Add	*66.66*	
		For Extra Heavy Fittings, Add	*87.01*	
22 13 16 00-0194	EA	12" x 8" Bell And Spigot Cast Iron Reducer	509.01	168.77
		For Above Ground Cast Iron Pipe Installation, Add	*12.65*	
		For Work In Restricted Working Space, Add	*75.92*	
		For Extra Heavy Fittings, Add	*89.58*	
22 13 16 00-0195	EA	12" x 10" Bell And Spigot Cast Iron Reducer	557.48	194.39
		For Above Ground Cast Iron Pipe Installation, Add	*14.57*	
		For Work In Restricted Working Space, Add	*87.43*	
		For Extra Heavy Fittings, Add	*93.11*	
22 13 16 00-0196		**Bell And Spigot Cast Iron P-Traps** *(22 13 16 00-0029)*		
22 13 16 00-0197	EA	2" Bell And Spigot Cast Iron P-Trap	86.50	32.94
		For Above Ground Cast Iron Pipe Installation, Add	*2.47*	
		For Work In Restricted Working Space, Add	*14.81*	
		For Extra Heavy Fittings, Add	*13.00*	
22 13 16 00-0198	EA	3" Bell And Spigot Cast Iron P-Trap	116.08	41.43
		For Above Ground Cast Iron Pipe Installation, Add	*3.10*	
		For Work In Restricted Working Space, Add	*18.61*	
		For Extra Heavy Fittings, Add	*18.91*	
22 13 16 00-0199	EA	4" Bell And Spigot Cast Iron P-Trap	158.27	55.09
		For Above Ground Cast Iron Pipe Installation, Add	*4.13*	
		For Work In Restricted Working Space, Add	*24.77*	
		For Extra Heavy Fittings, Add	*26.50*	
22 13 16 00-0200	EA	5" Bell And Spigot Cast Iron P-Trap	256.45	62.82
		For Above Ground Cast Iron Pipe Installation, Add	*4.71*	
		For Work In Restricted Working Space, Add	*28.25*	
		For Extra Heavy Fittings, Add	*56.81*	
22 13 16 00-0201	EA	6" Bell And Spigot Cast Iron P-Trap	344.51	73.90
		For Above Ground Cast Iron Pipe Installation, Add	*5.54*	
		For Work In Restricted Working Space, Add	*33.23*	
		For Extra Heavy Fittings, Add	*81.81*	
22 13 16 00-0202	EA	8" Bell And Spigot Cast Iron P-Trap	766.29	94.98
		For Above Ground Cast Iron Pipe Installation, Add	*7.12*	
		For Work In Restricted Working Space, Add	*42.71*	
		For Extra Heavy Fittings, Add	*218.38*	
22 13 16 00-0203	EA	10" Bell And Spigot Cast Iron P-Trap	849.28	116.84
		For Above Ground Cast Iron Pipe Installation, Add	*8.76*	
		For Work In Restricted Working Space, Add	*52.56*	
		For Extra Heavy Fittings, Add	*235.93*	
22 13 16 00-0204		**Bell And Spigot Cast Iron Deep Seal P-Traps** *(22 13 16 00-0029)*		
22 13 16 00-0205	EA	2" Bell And Spigot Cast Iron Deep Seal P-Trap	100.61	32.94
		For Above Ground Cast Iron Pipe Installation, Add	*2.47*	
		For Work In Restricted Working Space, Add	*14.81*	
		For Extra Heavy Fittings, Add	*17.94*	
22 13 16 00-0206	EA	3" Bell And Spigot Cast Iron Deep Seal P-Trap	143.81	41.43
		For Above Ground Cast Iron Pipe Installation, Add	*3.10*	
		For Work In Restricted Working Space, Add	*18.61*	
		For Extra Heavy Fittings, Add	*28.62*	
22 13 16 00-0207	EA	4" Bell And Spigot Cast Iron Deep Seal P-Trap	209.83	55.09
		For Above Ground Cast Iron Pipe Installation, Add	*4.13*	
		For Work In Restricted Working Space, Add	*24.77*	
		For Extra Heavy Fittings, Add	*44.54*	
22 13 16 00-0208	EA	5" Bell And Spigot Cast Iron Deep Seal P-Trap	349.04	70.21
		For Above Ground Cast Iron Pipe Installation, Add	*5.26*	
		For Work In Restricted Working Space, Add	*31.57*	
		For Extra Heavy Fittings, Add	*85.34*	
22 13 16 00-0209	EA	6" Bell And Spigot Cast Iron Deep Seal P-Trap	370.33	78.28
		For Above Ground Cast Iron Pipe Installation, Add	*5.87*	
		For Work In Restricted Working Space, Add	*35.22*	
		For Extra Heavy Fittings, Add	*88.52*	
22 13 16 00-0210		**Bell And Spigot Cast Iron Running Traps With Single Vent** *(22 13 16 00-0029)*		
22 13 16 00-0211	EA	3" x 3" Bell And Spigot Cast Iron Running Trap With Single Vent	231.74	79.54
		For Above Ground Cast Iron Pipe Installation, Add	*6.04*	
		For Work In Restricted Working Space, Add	*36.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0212	EA	4" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	309.28	104.56
		For Above Ground Cast Iron Pipe Installation, Add	*7.91*	
		For Work In Restricted Working Space, Add	*47.48*	
22 13 16 00-0213	EA	5" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	424.79	121.95
		For Above Ground Cast Iron Pipe Installation, Add	*9.22*	
		For Work In Restricted Working Space, Add	*55.31*	
22 13 16 00-0214	EA	6" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	856.25	138.19
		For Above Ground Cast Iron Pipe Installation, Add	*10.45*	
		For Work In Restricted Working Space, Add	*62.71*	
22 13 16 00-0215	EA	8" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	2,815.71	162.39
		For Above Ground Cast Iron Pipe Installation, Add	*12.31*	
		For Work In Restricted Working Space, Add	*73.87*	
22 13 16 00-0216	EA	8" x 6" Bell And Spigot Cast Iron Running Trap With Single Vent	3,048.57	181.19
		For Above Ground Cast Iron Pipe Installation, Add	*13.70*	
		For Work In Restricted Working Space, Add	*82.18*	

22 13 16 00-0217 Bell And Spigot Cast Running Traps With Double Vent *(22 13 16 00-0029)*

22 13 16 00-0218	EA	3" x 3" Bell And Spigot Cast Iron Running Trap With Double Vent	295.94	109.84
		For Above Ground Cast Iron Pipe Installation, Add	*8.32*	
		For Work In Restricted Working Space, Add	*49.90*	
22 13 16 00-0219	EA	4" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent	404.93	138.64
		For Above Ground Cast Iron Pipe Installation, Add	*10.53*	
		For Work In Restricted Working Space, Add	*63.15*	
22 13 16 00-0220	EA	6" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent	954.06	170.77
		For Above Ground Cast Iron Pipe Installation, Add	*12.95*	
		For Work In Restricted Working Space, Add	*77.71*	
22 13 16 00-0221	EA	6" x 6" Bell And Spigot Cast Iron Running Trap With Double Vent	1,106.36	206.71
		For Above Ground Cast Iron Pipe Installation, Add	*15.66*	
		For Work In Restricted Working Space, Add	*93.97*	
22 13 16 00-0222	EA	8" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent	3,032.02	196.90
		For Above Ground Cast Iron Pipe Installation, Add	*14.94*	
		For Work In Restricted Working Space, Add	*89.61*	
22 13 16 00-0223	EA	8" x 6" Bell And Spigot Cast Iron Running Trap With Double Vent	3,326.60	233.80
		For Above Ground Cast Iron Pipe Installation, Add	*17.68*	
		For Work In Restricted Working Space, Add	*106.10*	
22 13 16 00-0224	EA	10" x 8" Bell And Spigot Cast Iron Running Trap With Double Vent	4,425.77	269.78
		For Above Ground Cast Iron Pipe Installation, Add	*20.46*	
		For Work In Restricted Working Space, Add	*122.78*	
22 13 16 00-0225	EA	12" x 10" Bell And Spigot Cast Iron Running Trap With Double Vent	6,127.65	311.92
		For Above Ground Cast Iron Pipe Installation, Add	*23.63*	
		For Work In Restricted Working Space, Add	*141.76*	
22 13 16 00-0226	EA	15" x 12" Bell And Spigot Cast Iron Running Trap With Double Vent	11,936.39	360.77
		For Above Ground Cast Iron Pipe Installation, Add	*27.34*	
		For Work In Restricted Working Space, Add	*164.05*	

22 13 16 00-0227 Bell And Spigot Cast Iron Scission Joint Fittings *(22 13 16 00-0029)*

22 13 16 00-0228	EA	2" Bell And Spigot Cast Iron Scission Joint Fitting	181.80	
		For Above Ground Cast Iron Pipe Installation, Add	*2.46*	
		For Work In Restricted Working Space, Add	*14.77*	
22 13 16 00-0229	EA	3" Bell And Spigot Cast Iron Scission Joint Fitting	251.45	
		For Above Ground Cast Iron Pipe Installation, Add	*2.77*	
		For Work In Restricted Working Space, Add	*16.60*	
22 13 16 00-0230	EA	4" Bell And Spigot Cast Iron Scission Joint Fitting	289.81	
		For Above Ground Cast Iron Pipe Installation, Add	*3.71*	
		For Work In Restricted Working Space, Add	*22.23*	
22 13 16 00-0231	EA	5" Bell And Spigot Cast Iron Scission Joint Fitting	358.18	
		For Above Ground Cast Iron Pipe Installation, Add	*4.30*	
		For Work In Restricted Working Space, Add	*25.82*	
22 13 16 00-0232	EA	6" Bell And Spigot Cast Iron Scission Joint Fitting	435.01	
		For Above Ground Cast Iron Pipe Installation, Add	*5.20*	
		For Work In Restricted Working Space, Add	*31.20*	
22 13 16 00-0233	EA	8" Bell And Spigot Cast Iron Scission Joint Fitting	827.57	
		For Above Ground Cast Iron Pipe Installation, Add	*6.57*	
		For Work In Restricted Working Space, Add	*39.43*	

22 13 16 00-0234 Cut And Prepare Existing In-Place Cast Iron Pipe *(22 13 16 00-0019)*

Note: For use when connecting pipe to an existing in-place system.

22 13 16 00-0235	EA	Cut And Prepare, Existing In-Place 2" Diameter Cast Iron Pipe	13.71	
		For Above Ground Cast Iron Pipe Installation, Add	*0.69*	
		For Work In Restricted Working Space, Add	*4.11*	
22 13 16 00-0236	EA	Cut And Prepare, Existing In-Place 3" Diameter Cast Iron Pipe	14.96	
		For Above Ground Cast Iron Pipe Installation, Add	*0.75*	
		For Work In Restricted Working Space, Add	*4.49*	
22 13 16 00-0237	EA	Cut And Prepare, Existing In-Place 4" Diameter Cast Iron Pipe	18.70	
		For Above Ground Cast Iron Pipe Installation, Add	*0.94*	
		For Work In Restricted Working Space, Add	*5.61*	
22 13 16 00-0238	EA	Cut And Prepare, Existing In-Place 6" Diameter Cast Iron Pipe	22.43	
		For Above Ground Cast Iron Pipe Installation, Add	*1.12*	
		For Work In Restricted Working Space, Add	*6.73*	
22 13 16 00-0239	EA	Cut And Prepare, Existing In-Place 8" Diameter Cast Iron Pipe	29.91	
		For Above Ground Cast Iron Pipe Installation, Add	*1.50*	
		For Work In Restricted Working Space, Add	*8.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0240	EA	Cut And Prepare, Existing In-Place 10" Diameter Cast Iron Pipe	34.90	
		For Above Ground Cast Iron Pipe Installation, Add	*1.75*	
		For Work In Restricted Working Space, Add	*10.47*	
22 13 16 00-0241	EA	Cut And Prepare, Existing In-Place 12" Diameter Cast Iron Pipe	41.13	
		For Above Ground Cast Iron Pipe Installation, Add	*2.06*	
		For Work In Restricted Working Space, Add	*12.34*	

22 13 16 00-0242 Joint Material *(22 13 16 00-0019)*

Note: Labor costs are included in the installation costs for fittings.

22 13 16 00-0243	LB	Lead (1 Lb./Diameter Inch) Joint Material	6.73	
22 13 16 00-0244	LB	Oakum (1/8 Lb./Diameter Inch) Joint Material	13.81	
22 13 16 00-0245	EA	2" Dual Tite Rubber Gasket	3.32	
22 13 16 00-0246	EA	3" Dual Tite Rubber Gasket	4.55	
22 13 16 00-0247	EA	4" Dual Tite Rubber Gasket	5.65	
22 13 16 00-0248	EA	6" Dual Tite Rubber Gasket	9.38	
22 13 16 00-0249	EA	8" Dual Tite Rubber Gasket	20.69	
22 13 16 00-0250	EA	10" Dual Tite Rubber Gasket	31.72	
22 13 16 00-0251	EA	12" Dual Tite Rubber Gasket	40.41	

22 13 16 00-0252 No Hub Cast Iron Soil Pipe And Fittings *(22 13 16)*

Note: Service Weight. Excludes hangers.

22 13 16 00-0253 No Hub Cast Iron Pipe *(22 13 16 00-0252)*

Note: Excludes couplings.

22 13 16 00-0254	LF	1-1/2" Diameter, No Hub Cast Iron Pipe	20.97	6.89
		For Work In Restricted Working Space, Add	*3.10*	
		For Below Ground Installation, Add	*0.52*	
22 13 16 00-0255	LF	2" Diameter, No Hub Cast Iron Pipe	22.24	7.35
		For Work In Restricted Working Space, Add	*3.33*	
		For Below Ground Installation, Add	*0.55*	
22 13 16 00-0256	LF	3" Diameter, No Hub Cast Iron Pipe	31.49	10.67
		For Work In Restricted Working Space, Add	*4.82*	
		For Below Ground Installation, Add	*0.80*	
22 13 16 00-0257	LF	4" Diameter, No Hub Cast Iron Pipe	40.87	13.88
		For Work In Restricted Working Space, Add	*6.26*	
		For Below Ground Installation, Add	*1.04*	
22 13 16 00-0258	LF	5" Diameter, No Hub Cast Iron Pipe	53.55	17.13
		For Work In Restricted Working Space, Add	*7.71*	
		For Below Ground Installation, Add	*1.29*	
22 13 16 00-0259	LF	6" Diameter, No Hub Cast Iron Pipe	62.44	18.70
		For Work In Restricted Working Space, Add	*8.40*	
		For Below Ground Installation, Add	*1.40*	
22 13 16 00-0260	LF	8" Diameter, No Hub Cast Iron Pipe	95.23	26.76
		For Work In Restricted Working Space, Add	*12.02*	
		For Below Ground Installation, Add	*2.00*	
22 13 16 00-0261	LF	10" Diameter, No Hub Cast Iron Pipe	137.03	30.41
		For Work In Restricted Working Space, Add	*13.67*	
		For Below Ground Installation, Add	*2.28*	

22 13 16 00-0262 No Hub Cast Iron Fittings *(22 13 16 00-0252)*

22 13 16 00-0263 No Hub Cast Iron Long Sweeps *(22 13 16 00-0262)*

22 13 16 00-0264	EA	1-1/2" No Hub Cast Iron Long Sweep	74.07	31.22
		For Work In Restricted Working Space, Add	*14.05*	
		For Below Ground Installation, Add	*2.34*	
22 13 16 00-0265	EA	2" No Hub Cast Iron Long Sweep	76.74	32.59
		For Work In Restricted Working Space, Add	*14.65*	
		For Below Ground Installation, Add	*2.44*	
22 13 16 00-0266	EA	3" No Hub Cast Iron Long Sweep	90.96	37.30
		For Work In Restricted Working Space, Add	*16.80*	
		For Below Ground Installation, Add	*2.80*	
22 13 16 00-0267	EA	4" No Hub Cast Iron Long Sweep	126.16	49.36
		For Work In Restricted Working Space, Add	*22.21*	
		For Below Ground Installation, Add	*3.70*	
22 13 16 00-0268	EA	5" No Hub Cast Iron Long Sweep	180.72	56.55
		For Work In Restricted Working Space, Add	*25.43*	
		For Below Ground Installation, Add	*4.24*	
22 13 16 00-0269	EA	6" No Hub Cast Iron Long Sweep	214.26	67.42
		For Work In Restricted Working Space, Add	*30.34*	
		For Below Ground Installation, Add	*5.06*	
22 13 16 00-0270	EA	8" No Hub Cast Iron Long Sweep	439.43	86.78
		For Work In Restricted Working Space, Add	*39.05*	
		For Below Ground Installation, Add	*6.51*	

22 13 16 00-0271 No Hub Cast Iron Reducing Long Sweeps *(22 13 16 00-0262)*

22 13 16 00-0272	EA	3" x 2" No Hub Cast Iron Reducing Long Sweep	119.77	37.30
		For Work In Restricted Working Space, Add	*16.80*	
		For Below Ground Installation, Add	*2.80*	
22 13 16 00-0273	EA	4" x 3" No Hub Cast Iron Reducing Long Sweep	181.07	49.36
		For Work In Restricted Working Space, Add	*22.21*	
		For Below Ground Installation, Add	*3.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 13 16 00-0274 No Hub Cast Iron Short Sweeps *(22 13 16 00-0262)*

22 13 16 00-0275	EA	2" No Hub Cast Iron Short Sweep	70.95	32.59
		For Work In Restricted Working Space, Add	*14.65*	
		For Below Ground Installation, Add	*2.44*	
22 13 16 00-0276	EA	3" No Hub Cast Iron Short Sweep	86.38	37.30
		For Work In Restricted Working Space, Add	*16.80*	
		For Below Ground Installation, Add	*2.80*	
22 13 16 00-0277	EA	4" No Hub Cast Iron Short Sweep	123.76	49.36
		For Work In Restricted Working Space, Add	*22.21*	
		For Below Ground Installation, Add	*3.70*	
22 13 16 00-0278	EA	5" No Hub Cast Iron Short Sweep	181.62	56.55
		For Work In Restricted Working Space, Add	*25.43*	
		For Below Ground Installation, Add	*4.24*	
22 13 16 00-0279	EA	6" No Hub Cast Iron Short Sweep	200.20	67.42
		For Work In Restricted Working Space, Add	*30.34*	
		For Below Ground Installation, Add	*5.06*	
22 13 16 00-0280	EA	8" No Hub Cast Iron Short Sweep	396.93	86.78
		For Work In Restricted Working Space, Add	*39.05*	
		For Below Ground Installation, Add	*6.51*	
22 13 16 00-0281	EA	10" No Hub Cast Iron Short Sweep	651.47	121.51
		For Work In Restricted Working Space, Add	*54.66*	
		For Below Ground Installation, Add	*9.11*	

22 13 16 00-0282 No Hub Cast Iron 1/4 Bends *(22 13 16 00-0262)*

22 13 16 00-0283	EA	1-1/2" No Hub Cast Iron 1/4 Bend	64.00	31.22
		For Work In Restricted Working Space, Add	*14.06*	
		For Below Ground Installation, Add	*2.34*	
22 13 16 00-0284	EA	2" No Hub Cast Iron 1/4 Bend	66.97	32.59
		For Work In Restricted Working Space, Add	*14.65*	
		For Below Ground Installation, Add	*2.44*	
22 13 16 00-0285	EA	3" No Hub Cast Iron 1/4 Bend	79.91	37.30
		For Work In Restricted Working Space, Add	*16.80*	
		For Below Ground Installation, Add	*2.80*	
22 13 16 00-0286	EA	4" No Hub Cast Iron 1/4 Bend	109.47	49.36
		For Work In Restricted Working Space, Add	*22.21*	
		For Below Ground Installation, Add	*3.70*	
22 13 16 00-0287	EA	5" No Hub Cast Iron 1/4 Bend	163.87	56.55
		For Work In Restricted Working Space, Add	*25.43*	
		For Below Ground Installation, Add	*4.24*	
22 13 16 00-0288	EA	6" No Hub Cast Iron 1/4 Bend	188.84	67.42
		For Work In Restricted Working Space, Add	*30.34*	
		For Below Ground Installation, Add	*5.06*	
22 13 16 00-0289	EA	8" No Hub Cast Iron 1/4 Bend	363.84	86.78
		For Work In Restricted Working Space, Add	*39.05*	
		For Below Ground Installation, Add	*6.51*	

22 13 16 00-0290 No Hub Cast Iron 1/8 Bends *(22 13 16 00-0262)*

22 13 16 00-0291	EA	1-1/2" No Hub Cast Iron 1/8 Bend	60.31	31.22
		For Work In Restricted Working Space, Add	*14.06*	
		For Below Ground Installation, Add	*2.34*	
22 13 16 00-0292	EA	2" No Hub Cast Iron 1/8 Bend	62.60	32.59
		For Work In Restricted Working Space, Add	*14.65*	
		For Below Ground Installation, Add	*2.44*	
22 13 16 00-0293	EA	3" No Hub Cast Iron 1/8 Bend	75.62	37.30
		For Work In Restricted Working Space, Add	*16.80*	
		For Below Ground Installation, Add	*2.80*	
22 13 16 00-0294	EA	4" No Hub Cast Iron 1/8 Bend	99.84	49.36
		For Work In Restricted Working Space, Add	*22.21*	
		For Below Ground Installation, Add	*3.70*	
22 13 16 00-0295	EA	6" No Hub Cast Iron 1/8 Bend	168.19	72.88
		For Work In Restricted Working Space, Add	*32.79*	
		For Below Ground Installation, Add	*5.47*	
22 13 16 00-0296	EA	8" No Hub Cast Iron 1/8 Bend	300.21	95.72
		For Work In Restricted Working Space, Add	*43.04*	
		For Below Ground Installation, Add	*7.17*	
22 13 16 00-0297	EA	10" No Hub Cast Iron 1/8 Bend	472.23	117.76
		For Work In Restricted Working Space, Add	*52.97*	
		For Below Ground Installation, Add	*8.83*	

22 13 16 00-0298 No Hub Cast Iron Wyes *(22 13 16 00-0262)*

22 13 16 00-0299	EA	1-1/2" No Hub Cast Iron Wye	97.49	49.12
		For Work In Restricted Working Space, Add	*22.07*	
		For Below Ground Installation, Add	*3.68*	
22 13 16 00-0300	EA	2" No Hub Cast Iron Wye	124.02	66.57
		For Work In Restricted Working Space, Add	*29.94*	
		For Below Ground Installation, Add	*4.99*	
22 13 16 00-0301	EA	3" No Hub Cast Iron Wye	142.39	72.88
		For Work In Restricted Working Space, Add	*32.79*	
		For Below Ground Installation, Add	*5.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0302	EA	4" No Hub Cast Iron Wye	197.17	95.72
		For Work In Restricted Working Space, Add	*43.04*	
		For Below Ground Installation, Add	*7.17*	
22 13 16 00-0303	EA	5" No Hub Cast Iron Wye	281.22	110.08
		For Work In Restricted Working Space, Add	*49.51*	
		For Below Ground Installation, Add	*8.25*	
22 13 16 00-0304	EA	6" No Hub Cast Iron Wye	333.68	130.68
		For Work In Restricted Working Space, Add	*58.79*	
		For Below Ground Installation, Add	*9.80*	
22 13 16 00-0305	EA	8" No Hub Cast Iron Wye	583.87	173.67
		For Work In Restricted Working Space, Add	*78.09*	
		For Below Ground Installation, Add	*13.02*	
22 13 16 00-0306	EA	10" No Hub Cast Iron Wye	989.83	192.91
		For Work In Restricted Working Space, Add	*86.77*	
		For Below Ground Installation, Add	*14.46*	
22 13 16 00-0307		**No Hub Cast Iron Reducing Wyes** *(22 13 16 00-0262)*		
22 13 16 00-0308	EA	3" x 1-1/2" No Hub Cast Iron Reducing Wye	121.35	63.58
		For Work In Restricted Working Space, Add	*28.58*	
		For Below Ground Installation, Add	*4.76*	
22 13 16 00-0309	EA	3" x 2" No Hub Cast Iron Reducing Wye	135.40	72.88
		For Work In Restricted Working Space, Add	*32.79*	
		For Below Ground Installation, Add	*5.47*	
22 13 16 00-0310	EA	4" x 2" No Hub Cast Iron Reducing Wye	154.20	80.57
		For Work In Restricted Working Space, Add	*36.24*	
		For Below Ground Installation, Add	*6.04*	
22 13 16 00-0311	EA	4" x 3" No Hub Cast Iron Reducing Wye	178.98	89.52
		For Work In Restricted Working Space, Add	*40.27*	
		For Below Ground Installation, Add	*6.71*	
22 13 16 00-0312	EA	6" x 2" No Hub Cast Iron Reducing Wye	241.02	111.19
		For Work In Restricted Working Space, Add	*50.03*	
		For Below Ground Installation, Add	*8.34*	
22 13 16 00-0313	EA	6" x 3" No Hub Cast Iron Reducing Wye	257.90	116.23
		For Work In Restricted Working Space, Add	*52.26*	
		For Below Ground Installation, Add	*8.71*	
22 13 16 00-0314	EA	6" x 4" No Hub Cast Iron Reducing Wye	295.28	135.83
		For Work In Restricted Working Space, Add	*61.08*	
		For Below Ground Installation, Add	*10.18*	
22 13 16 00-0315	EA	8" x 4" No Hub Cast Iron Reducing Wye	389.98	136.54
		For Work In Restricted Working Space, Add	*61.42*	
		For Below Ground Installation, Add	*10.24*	
22 13 16 00-0316	EA	8" x 6" No Hub Cast Iron Reducing Wye	453.75	150.09
		For Work In Restricted Working Space, Add	*67.49*	
		For Below Ground Installation, Add	*11.25*	
22 13 16 00-0317	EA	10" x 4" No Hub Cast Iron Reducing Wye	724.27	159.89
		For Work In Restricted Working Space, Add	*71.93*	
		For Below Ground Installation, Add	*11.99*	
22 13 16 00-0318	EA	10" x 6" No Hub Cast Iron Reducing Wye	763.57	171.16
		For Work In Restricted Working Space, Add	*76.99*	
		For Below Ground Installation, Add	*12.83*	
22 13 16 00-0319	EA	10" x 8" No Hub Cast Iron Reducing Wye	882.78	182.78
		For Work In Restricted Working Space, Add	*82.20*	
		For Below Ground Installation, Add	*13.70*	
22 13 16 00-0320		**No Hub Cast Iron Combination Wye And 1/8 Bends** *(22 13 16 00-0262)*		
22 13 16 00-0321	EA	1-1/2" No Hub Cast Iron Combination Wye And 1/8 Bend	109.87	57.16
		For Work In Restricted Working Space, Add	*25.70*	
		For Below Ground Installation, Add	*4.28*	
22 13 16 00-0322	EA	2" No Hub Cast Iron Combination Wye And 1/8 Bend	125.00	66.57
		For Work In Restricted Working Space, Add	*29.94*	
		For Below Ground Installation, Add	*4.99*	
22 13 16 00-0323	EA	3" No Hub Cast Iron Combination Wye And 1/8 Bend	149.76	72.88
		For Work In Restricted Working Space, Add	*32.79*	
		For Below Ground Installation, Add	*5.47*	
22 13 16 00-0324	EA	4" No Hub Cast Iron Combination Wye And 1/8 Bend	218.01	95.72
		For Work In Restricted Working Space, Add	*43.04*	
		For Below Ground Installation, Add	*7.17*	
22 13 16 00-0325	EA	6" No Hub Cast Iron Combination Wye And 1/8 Bend	408.37	147.25
		For Work In Restricted Working Space, Add	*66.21*	
		For Below Ground Installation, Add	*11.04*	
22 13 16 00-0326	EA	8" No Hub Cast Iron Combination Wye And 1/8 Bend	754.08	188.91
		For Work In Restricted Working Space, Add	*84.98*	
		For Below Ground Installation, Add	*14.16*	
22 13 16 00-0327	EA	10" No Hub Cast Iron Combination Wye And 1/8 Bend	883.03	228.39
		For Work In Restricted Working Space, Add	*102.72*	
		For Below Ground Installation, Add	*17.12*	
22 13 16 00-0328		**No Hub Cast Iron Reducing Combination Wye And 1/8 Bends** *(22 13 16 00-0262)*		
22 13 16 00-0329	EA	2" x 1-1/2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	126.20	66.57
		For Work In Restricted Working Space, Add	*29.94*	
		For Below Ground Installation, Add	*4.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0330	EA	3" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	139.08	72.88
		For Work In Restricted Working Space, Add	*32.79*	
		For Below Ground Installation, Add	*5.47*	
22 13 16 00-0331	EA	4" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	161.58	80.57
		For Work In Restricted Working Space, Add	*36.24*	
		For Below Ground Installation, Add	*6.04*	
22 13 16 00-0332	EA	4" x 3" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	186.13	89.52
		For Work In Restricted Working Space, Add	*40.27*	
		For Below Ground Installation, Add	*6.71*	
22 13 16 00-0333	EA	6" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	262.45	111.19
		For Work In Restricted Working Space, Add	*50.03*	
		For Below Ground Installation, Add	*8.34*	
22 13 16 00-0334	EA	6" x 3" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	295.36	116.23
		For Work In Restricted Working Space, Add	*52.26*	
		For Below Ground Installation, Add	*8.71*	
22 13 16 00-0335	EA	6" x 4" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	328.08	135.83
		For Work In Restricted Working Space, Add	*61.08*	
		For Below Ground Installation, Add	*10.18*	
22 13 16 00-0336	EA	8" x 4" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	451.28	136.54
		For Work In Restricted Working Space, Add	*61.42*	
		For Below Ground Installation, Add	*10.24*	
22 13 16 00-0337	EA	8" x 6" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	593.87	150.09
		For Work In Restricted Working Space, Add	*67.49*	
		For Below Ground Installation, Add	*11.25*	

22 13 16 00-0338 No Hub Cast Iron Double Wyes *(22 13 16 00-0262)*

22 13 16 00-0339	EA	2" No Hub Cast Iron Double Wye	157.84	82.75
		For Work In Restricted Working Space, Add	*37.22*	
		For Below Ground Installation, Add	*6.20*	
22 13 16 00-0340	EA	3" No Hub Cast Iron Double Wye	213.30	100.77
		For Work In Restricted Working Space, Add	*45.31*	
		For Below Ground Installation, Add	*7.55*	
22 13 16 00-0341	EA	4" No Hub Cast Iron Double Wye	293.30	110.18
		For Work In Restricted Working Space, Add	*49.54*	
		For Below Ground Installation, Add	*8.26*	
22 13 16 00-0342	EA	6" No Hub Cast Iron Double Wye	467.71	164.73
		For Work In Restricted Working Space, Add	*74.06*	
		For Below Ground Installation, Add	*12.34*	
22 13 16 00-0343	EA	8" No Hub Cast Iron Double Wye	929.31	220.93
		For Work In Restricted Working Space, Add	*99.39*	
		For Below Ground Installation, Add	*16.56*	

22 13 16 00-0344 No Hub Cast Iron Reducing Double Wyes *(22 13 16 00-0262)*

22 13 16 00-0345	EA	3" x 2" No Hub Cast Iron Double Wye	190.85	91.70
		For Work In Restricted Working Space, Add	*41.24*	
		For Below Ground Installation, Add	*6.87*	
22 13 16 00-0346	EA	4" x 2" No Hub Cast Iron Double Wye	230.06	105.59
		For Work In Restricted Working Space, Add	*47.49*	
		For Below Ground Installation, Add	*7.92*	
22 13 16 00-0347	EA	4" x 3" No Hub Cast Iron Double Wye	253.52	115.11
		For Work In Restricted Working Space, Add	*51.78*	
		For Below Ground Installation, Add	*8.63*	
22 13 16 00-0348	EA	6" x 4" No Hub Cast Iron Double Wye	396.81	145.24
		For Work In Restricted Working Space, Add	*65.32*	
		For Below Ground Installation, Add	*10.89*	

22 13 16 00-0349 No Hub Cast Iron Double Combination Wye And 1/8 Bends *(22 13 16 00-0262)*

22 13 16 00-0350	EA	2" No Hub Cast Iron Double Combination Wye And 1/8 Bend	208.24	99.40
		For Work In Restricted Working Space, Add	*44.72*	
		For Below Ground Installation, Add	*7.45*	
22 13 16 00-0351	EA	3" No Hub Cast Iron Double Combination Wye And 1/8 Bend	256.82	110.18
		For Work In Restricted Working Space, Add	*49.54*	
		For Below Ground Installation, Add	*8.26*	
22 13 16 00-0352	EA	4" No Hub Cast Iron Double Combination Wye And 1/8 Bend	393.72	145.87
		For Work In Restricted Working Space, Add	*65.59*	
		For Below Ground Installation, Add	*10.93*	
22 13 16 00-0353	EA	6" No Hub Cast Iron Double Combination Wye And 1/8 Bend	542.00	225.18
		For Work In Restricted Working Space, Add	*101.27*	
		For Below Ground Installation, Add	*16.88*	

22 13 16 00-0354 No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bends *(22 13 16 00-0262)*

22 13 16 00-0355	EA	3" x 2" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend	196.90	85.50
		For Work In Restricted Working Space, Add	*38.47*	
		For Below Ground Installation, Add	*6.41*	
22 13 16 00-0356	EA	4" x 2" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend	228.18	99.40
		For Work In Restricted Working Space, Add	*44.72*	
		For Below Ground Installation, Add	*7.45*	
22 13 16 00-0357	EA	4" x 3" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend	277.80	108.58
		For Work In Restricted Working Space, Add	*48.84*	
		For Below Ground Installation, Add	*8.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 13 16 00-0358 No Hub Cast Iron Sanitary Tees *(22 13 16 00-0262)*

22 13 16 00-0359	EA	1-1/2" No Hub Cast Iron Sanitary Tee	94.89	48.09
		For Work In Restricted Working Space, Add	*21.65*	
		For Below Ground Installation, Add	*3.61*	
22 13 16 00-0360	EA	2" No Hub Cast Iron Sanitary Tee	125.22	66.57
		For Work In Restricted Working Space, Add	*29.94*	
		For Below Ground Installation, Add	*4.99*	
22 13 16 00-0361	EA	3" No Hub Cast Iron Sanitary Tee	139.69	72.88
		For Work In Restricted Working Space, Add	*32.79*	
		For Below Ground Installation, Add	*5.47*	
22 13 16 00-0362	EA	4" No Hub Cast Iron Sanitary Tee	191.01	95.72
		For Work In Restricted Working Space, Add	*43.04*	
		For Below Ground Installation, Add	*7.17*	
22 13 16 00-0363	EA	5" No Hub Cast Iron Sanitary Tee	282.50	110.08
		For Work In Restricted Working Space, Add	*49.51*	
		For Below Ground Installation, Add	*8.25*	
22 13 16 00-0364	EA	6" No Hub Cast Iron Sanitary Tee	332.77	130.68
		For Work In Restricted Working Space, Add	*58.79*	
		For Below Ground Installation, Add	*9.80*	
22 13 16 00-0365	EA	8" No Hub Cast Iron Sanitary Tee	659.91	173.67
		For Work In Restricted Working Space, Add	*78.09*	
		For Below Ground Installation, Add	*13.02*	

22 13 16 00-0366 No Hub Cast Iron Reducing Sanitary Tees *(22 13 16 00-0262)*

22 13 16 00-0367	EA	2" x 1-1/2" No Hub Cast Iron Reducing Sanitary Tee	106.81	54.29
		For Work In Restricted Working Space, Add	*24.42*	
		For Below Ground Installation, Add	*4.07*	
22 13 16 00-0368	EA	3" x 1-1/2" No Hub Cast Iron Reducing Sanitary Tee	123.46	63.58
		For Work In Restricted Working Space, Add	*28.58*	
		For Below Ground Installation, Add	*4.76*	
22 13 16 00-0369	EA	3" x 2" No Hub Cast Iron Reducing Sanitary Tee	128.01	66.57
		For Work In Restricted Working Space, Add	*29.94*	
		For Below Ground Installation, Add	*4.99*	
22 13 16 00-0370	EA	3" x 4" No Hub Cast Iron Reducing Sanitary Tee	157.11	66.57
		For Work In Restricted Working Space, Add	*29.94*	
		For Below Ground Installation, Add	*4.99*	
22 13 16 00-0371	EA	4" x 2" No Hub Cast Iron Reducing Sanitary Tee	171.21	90.09
		For Work In Restricted Working Space, Add	*40.51*	
		For Below Ground Installation, Add	*6.75*	
22 13 16 00-0372	EA	4" x 3" No Hub Cast Iron Reducing Sanitary Tee	178.28	90.09
		For Work In Restricted Working Space, Add	*40.51*	
		For Below Ground Installation, Add	*6.75*	
22 13 16 00-0373	EA	5" x 2" No Hub Cast Iron Reducing Sanitary Tee	240.79	104.58
		For Work In Restricted Working Space, Add	*47.03*	
		For Below Ground Installation, Add	*7.84*	
22 13 16 00-0374	EA	5" x 3" No Hub Cast Iron Reducing Sanitary Tee	250.65	104.58
		For Work In Restricted Working Space, Add	*47.03*	
		For Below Ground Installation, Add	*7.84*	
22 13 16 00-0375	EA	5" x 4" No Hub Cast Iron Reducing Sanitary Tee	251.85	104.58
		For Work In Restricted Working Space, Add	*47.03*	
		For Below Ground Installation, Add	*7.84*	
22 13 16 00-0376	EA	6" x 4" No Hub Cast Iron Reducing Sanitary Tee	261.16	108.96
		For Work In Restricted Working Space, Add	*48.99*	
		For Below Ground Installation, Add	*8.17*	
22 13 16 00-0377	EA	8" x 6" No Hub Cast Iron Reducing Sanitary Tee	517.30	146.45
		For Work In Restricted Working Space, Add	*65.86*	
		For Below Ground Installation, Add	*10.98*	

22 13 16 00-0378 No Hub Cast Iron Sanitary Tapped Tees *(22 13 16 00-0262)*

22 13 16 00-0379	EA	2" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee	74.34	32.59
		For Work In Restricted Working Space, Add	*14.65*	
		For Below Ground Installation, Add	*2.44*	
22 13 16 00-0380	EA	3" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee	86.60	37.30
		For Work In Restricted Working Space, Add	*16.80*	
		For Below Ground Installation, Add	*2.80*	
22 13 16 00-0381	EA	4" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee	105.33	49.36
		For Work In Restricted Working Space, Add	*22.21*	
		For Below Ground Installation, Add	*3.70*	

22 13 16 00-0382 No Hub Cast Iron Cleanout Tees *(22 13 16 00-0262)*

22 13 16 00-0383	EA	2" No Hub Cast Iron Cleanout Tee	69.90	32.59
		For Work In Restricted Working Space, Add	*14.65*	
		For Below Ground Installation, Add	*2.44*	
22 13 16 00-0384	EA	3" No Hub Cast Iron Cleanout Tee	89.84	37.30
		For Work In Restricted Working Space, Add	*16.80*	
		For Below Ground Installation, Add	*2.80*	
22 13 16 00-0385	EA	4" No Hub Cast Iron Cleanout Tee	133.53	49.36
		For Work In Restricted Working Space, Add	*22.21*	
		For Below Ground Installation, Add	*3.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0386	EA	6" No Hub Cast Iron Cleanout Tee	225.35	72.88
		For Work In Restricted Working Space, Add	*32.79*	
		For Below Ground Installation, Add	*5.47*	

22 13 16 00-0387 No Hub Cast Iron Two-Way Cleanout Tees *(22 13 16 00-0262)*

22 13 16 00-0388	EA	4" No Hub Cast Iron Single Two-Way Cleanout Tee	313.35	95.72
		For Work In Restricted Working Space, Add	*43.04*	
		For Below Ground Installation, Add	*7.17*	
22 13 16 00-0389	EA	4" No Hub Cast Iron Double Two-Way Cleanout Tee	375.81	145.42
		For Work In Restricted Working Space, Add	*65.42*	
		For Below Ground Installation, Add	*10.90*	

22 13 16 00-0390 No Hub Cast Iron Cleanout Plugs *(22 13 16 00-0262)*

22 13 16 00-0391	EA	2" No Hub Cast Iron Cleanout Plug	57.79	32.59
		For Work In Restricted Working Space, Add	*14.65*	
		For Below Ground Installation, Add	*2.44*	
22 13 16 00-0392	EA	3" No Hub Cast Iron Cleanout Plug	70.06	37.30
		For Work In Restricted Working Space, Add	*16.80*	
		For Below Ground Installation, Add	*2.80*	
22 13 16 00-0393	EA	4" No Hub Cast Iron Cleanout Plug	100.74	49.36
		For Work In Restricted Working Space, Add	*22.21*	
		For Below Ground Installation, Add	*3.70*	
22 13 16 00-0394	EA	6" No Hub Cast Iron Cleanout Plug	159.17	72.88
		For Work In Restricted Working Space, Add	*32.79*	
		For Below Ground Installation, Add	*5.47*	
22 13 16 00-0395	EA	8" No Hub Cast Iron Cleanout Plug	211.99	95.72
		For Work In Restricted Working Space, Add	*43.04*	
		For Below Ground Installation, Add	*7.17*	

22 13 16 00-0396 No Hub Cast Iron Sanitary Crosses *(22 13 16 00-0262)*

22 13 16 00-0397	EA	1-1/2" No Hub Cast Iron Sanitary Cross	127.14	64.28
		For Work In Restricted Working Space, Add	*28.94*	
		For Below Ground Installation, Add	*4.82*	
22 13 16 00-0398	EA	2" No Hub Cast Iron Sanitary Cross	138.16	66.57
		For Work In Restricted Working Space, Add	*29.94*	
		For Below Ground Installation, Add	*4.99*	
22 13 16 00-0399	EA	3" No Hub Cast Iron Sanitary Cross	169.70	72.88
		For Work In Restricted Working Space, Add	*32.79*	
		For Below Ground Installation, Add	*5.47*	
22 13 16 00-0400	EA	4" No Hub Cast Iron Sanitary Cross	256.97	95.72
		For Work In Restricted Working Space, Add	*43.04*	
		For Below Ground Installation, Add	*7.17*	

22 13 16 00-0401 No Hub Cast Iron Reducing Sanitary Crosses *(22 13 16 00-0262)*

22 13 16 00-0402	EA	3" x 2" No Hub Cast Iron Sanitary Cross	182.52	85.50
		For Work In Restricted Working Space, Add	*38.46*	
		For Below Ground Installation, Add	*6.41*	
22 13 16 00-0403	EA	4" x 2" No Hub Cast Iron Sanitary Cross	208.70	88.03
		For Work In Restricted Working Space, Add	*39.59*	
		For Below Ground Installation, Add	*6.60*	
22 13 16 00-0404	EA	4" x 3" No Hub Cast Iron Sanitary Cross	230.34	91.94
		For Work In Restricted Working Space, Add	*41.33*	
		For Below Ground Installation, Add	*6.89*	

22 13 16 00-0405 No Hub Cast Iron Reducers *(22 13 16 00-0262)*

22 13 16 00-0406	EA	3" x 2" No Hub Cast Iron Reducer	112.66	66.57
		For Work In Restricted Working Space, Add	*29.94*	
		For Below Ground Installation, Add	*4.99*	
22 13 16 00-0407	EA	4" x 2" No Hub Cast Iron Reducer	154.66	90.09
		For Work In Restricted Working Space, Add	*40.51*	
		For Below Ground Installation, Add	*6.75*	
22 13 16 00-0408	EA	4" x 3" No Hub Cast Iron Reducer	155.26	90.09
		For Work In Restricted Working Space, Add	*40.51*	
		For Below Ground Installation, Add	*6.75*	
22 13 16 00-0409	EA	5" x 2" No Hub Cast Iron Reducer	185.59	104.58
		For Work In Restricted Working Space, Add	*47.03*	
		For Below Ground Installation, Add	*7.84*	
22 13 16 00-0410	EA	5" x 3" No Hub Cast Iron Reducer	189.57	104.58
		For Work In Restricted Working Space, Add	*47.03*	
		For Below Ground Installation, Add	*7.84*	
22 13 16 00-0411	EA	5" x 4" No Hub Cast Iron Reducer	191.15	104.58
		For Work In Restricted Working Space, Add	*47.03*	
		For Below Ground Installation, Add	*7.84*	
22 13 16 00-0412	EA	6" x 3" No Hub Cast Iron Reducer	223.91	116.23
		For Work In Restricted Working Space, Add	*52.26*	
		For Below Ground Installation, Add	*8.71*	
22 13 16 00-0413	EA	6" x 4" No Hub Cast Iron Reducer	224.51	116.23
		For Work In Restricted Working Space, Add	*52.26*	
		For Below Ground Installation, Add	*8.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0414	EA	6" x 5" No Hub Cast Iron Reducer	226.31	116.23
		For Work In Restricted Working Space, Add	*52.26*	
		For Below Ground Installation, Add	*8.71*	
22 13 16 00-0415	EA	8" x 2" No Hub Cast Iron Reducer	309.21	162.05
		For Work In Restricted Working Space, Add	*72.89*	
		For Below Ground Installation, Add	*12.15*	
22 13 16 00-0416	EA	8" x 3" No Hub Cast Iron Reducer	313.80	162.05
		For Work In Restricted Working Space, Add	*72.89*	
		For Below Ground Installation, Add	*12.15*	
22 13 16 00-0417	EA	8" x 4" No Hub Cast Iron Reducer	321.17	162.05
		For Work In Restricted Working Space, Add	*72.89*	
		For Below Ground Installation, Add	*12.15*	
22 13 16 00-0418	EA	8" x 5" No Hub Cast Iron Reducer	328.84	162.05
		For Work In Restricted Working Space, Add	*72.89*	
		For Below Ground Installation, Add	*12.15*	
22 13 16 00-0419	EA	8" x 6" No Hub Cast Iron Reducer	329.75	162.05
		For Work In Restricted Working Space, Add	*72.89*	
		For Below Ground Installation, Add	*12.15*	
22 13 16 00-0420	EA	10" x 4" No Hub Cast Iron Reducer	398.53	170.94
		For Work In Restricted Working Space, Add	*76.87*	
		For Below Ground Installation, Add	*12.81*	
22 13 16 00-0421	EA	10" x 6" No Hub Cast Iron Reducer	427.07	178.45
		For Work In Restricted Working Space, Add	*80.29*	
		For Below Ground Installation, Add	*13.38*	
22 13 16 00-0422	EA	10" x 8" No Hub Cast Iron Reducer	481.44	193.71
		For Work In Restricted Working Space, Add	*87.12*	
		For Below Ground Installation, Add	*14.52*	

22 13 16 00-0423 No Hub Cast Iron Blind Plugs *(22 13 16 00-0262)*

22 13 16 00-0424	EA	1-1/2" No Hub Cast Iron Blind Plug	30.80	15.62
		For Work In Restricted Working Space, Add	*7.03*	
		For Below Ground Installation, Add	*1.17*	
22 13 16 00-0425	EA	2" No Hub Cast Iron Blind Plug	31.50	16.30
		For Work In Restricted Working Space, Add	*7.33*	
		For Below Ground Installation, Add	*1.22*	
22 13 16 00-0426	EA	3" No Hub Cast Iron Blind Plug	40.55	18.71
		For Work In Restricted Working Space, Add	*8.40*	
		For Below Ground Installation, Add	*1.40*	
22 13 16 00-0427	EA	4" No Hub Cast Iron Blind Plug	53.84	24.68
		For Work In Restricted Working Space, Add	*11.10*	
		For Below Ground Installation, Add	*1.85*	
22 13 16 00-0428	EA	5" No Hub Cast Iron Blind Plug	74.40	28.78
		For Work In Restricted Working Space, Add	*12.93*	
		For Below Ground Installation, Add	*2.16*	
22 13 16 00-0429	EA	6" No Hub Cast Iron Blind Plug	82.21	33.70
		For Work In Restricted Working Space, Add	*15.19*	
		For Below Ground Installation, Add	*2.53*	
22 13 16 00-0430	EA	8" No Hub Cast Iron Blind Plug	164.69	43.38
		For Work In Restricted Working Space, Add	*19.51*	
		For Below Ground Installation, Add	*3.25*	
22 13 16 00-0431	EA	10" No Hub Cast Iron Blind Plug	213.31	46.69
		For Work In Restricted Working Space, Add	*21.01*	
		For Below Ground Installation, Add	*3.50*	

22 13 16 00-0432 No Hub Cast Iron P-Traps *(22 13 16 00-0262)*

22 13 16 00-0433	EA	2" No Hub Cast Iron P-Trap	74.94	32.59
		For Work In Restricted Working Space, Add	*14.65*	
		For Below Ground Installation, Add	*2.44*	
22 13 16 00-0434	EA	3" No Hub Cast Iron P-Trap	115.48	37.30
		For Work In Restricted Working Space, Add	*16.80*	
		For Below Ground Installation, Add	*2.80*	
22 13 16 00-0435	EA	4" No Hub Cast Iron P-Trap	177.38	49.36
		For Work In Restricted Working Space, Add	*22.21*	
		For Below Ground Installation, Add	*3.70*	
22 13 16 00-0436	EA	5" No Hub Cast Iron P-Trap	321.88	57.00
		For Work In Restricted Working Space, Add	*25.62*	
		For Below Ground Installation, Add	*4.27*	
22 13 16 00-0437	EA	6" No Hub Cast Iron P-Trap	338.60	67.97
		For Work In Restricted Working Space, Add	*30.57*	
		For Below Ground Installation, Add	*5.10*	

22 13 16 00-0438 No Hub Cast Iron Deep Seal P-Traps *(22 13 16 00-0262)*

22 13 16 00-0439	EA	2" No Hub Cast Iron Deep Seal P-Trap	124.32	41.43
		For Work In Restricted Working Space, Add	*18.61*	
		For Below Ground Installation, Add	*3.10*	
22 13 16 00-0440	EA	3" No Hub Cast Iron Deep Seal P-Trap	181.93	55.09
		For Work In Restricted Working Space, Add	*24.77*	
		For Below Ground Installation, Add	*4.13*	
22 13 16 00-0441	EA	4" No Hub Cast Iron Deep Seal P-Trap	268.48	72.76
		For Work In Restricted Working Space, Add	*32.71*	
		For Below Ground Installation, Add	*5.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0442		**No Hub Cast Iron Closet Flanges** *(22 13 16 00-0262)*		
22 13 16 00-0443	EA	4" No Hub Cast Iron Closet Flange	115.41	49.36
		For Work In Restricted Working Space, Add	*22.21*	
		For Below Ground Installation, Add	*3.70*	
22 13 16 00-0444	EA	4" x 2-1/2" No Hub Cast Iron Offset Closet Flange	123.99	49.36
		For Work In Restricted Working Space, Add	*22.21*	
		For Below Ground Installation, Add	*3.70*	
22 13 16 00-0445		**No Hub Cast Iron Closet Bends** *(22 13 16 00-0262)*		
22 13 16 00-0446	EA	4" x 16" No Hub Cast Iron Closet Bend	235.97	49.36
		For Work In Restricted Working Space, Add	*22.21*	
		For Below Ground Installation, Add	*3.70*	
22 13 16 00-0447		**No Hub Cast Iron Threaded Adapter** *(22 13 16 00-0262)*		
22 13 16 00-0448	EA	1-1/4" No Hub Cast Iron Threaded Adapter	84.45	41.43
		For Work In Restricted Working Space, Add	*18.61*	
		For Below Ground Installation, Add	*3.10*	
22 13 16 00-0449	EA	1-1/2" No Hub Cast Iron Threaded Adapter	91.37	41.43
		For Work In Restricted Working Space, Add	*18.61*	
		For Below Ground Installation, Add	*3.10*	
22 13 16 00-0450		**No Hub Couplings** *(22 13 16 00-0262)*		
		Note: Includes stainless steel shield/clamps assembly with elastomeric gasket, ASTM C 564. (Fernco NH). Labor costs are included in the installation costs for fittings.		
22 13 16 00-0451	EA	1-1/2" No Hub Coupling	7.47	
		For Medium Duty (Fernco MD-2000), Add	*0.97*	
		For Heavy-Duty (Fernco HD-4000), Add	*2.02*	
22 13 16 00-0452	EA	2" No Hub Coupling	7.47	
		For Medium Duty (Fernco MD-2000), Add	*0.97*	
		For Heavy-Duty (Fernco HD-4000), Add	*2.02*	
22 13 16 00-0453	EA	3" No Hub Coupling	8.87	
		For Medium Duty (Fernco MD-2000), Add	*1.15*	
		For Heavy-Duty (Fernco HD-4000), Add	*2.39*	
22 13 16 00-0454	EA	4" No Hub Coupling	10.53	
		For Medium Duty (Fernco MD-2000), Add	*1.37*	
		For Heavy-Duty (Fernco HD-4000), Add	*2.84*	
22 13 16 00-0455	EA	5" No Hub Coupling	24.36	
		For Medium Duty (Fernco MD-2000), Add	*3.17*	
		For Heavy-Duty (Fernco HD-4000), Add	*6.58*	
22 13 16 00-0456	EA	6" No Hub Coupling	26.76	
		For Medium Duty (Fernco MD-2000), Add	*3.48*	
		For Heavy-Duty (Fernco HD-4000), Add	*7.23*	
22 13 16 00-0457	EA	8" No Hub Coupling	50.42	
		For Medium Duty (Fernco MD-2000), Add	*6.55*	
		For Heavy-Duty (Fernco HD-4000), Add	*13.61*	
22 13 16 00-0458	EA	10" No Hub Coupling	69.46	
		For Medium Duty (Fernco MD-2000), Add	*9.03*	
		For Heavy-Duty (Fernco HD-4000), Add	*18.75*	
22 13 16 00-0459	EA	2" x 1-1/2" No Hub Reducing Coupling	8.87	
22 13 16 00-0460	EA	3" x 2" No Hub Reducing Coupling	13.76	
22 13 16 00-0461	EA	4" x 2" No Hub Reducing Coupling	19.20	
22 13 16 00-0462	EA	4" x 3" No Hub Reducing Coupling	16.36	
22 13 16 00-0463		**Cast Iron Mechanical Joint Couplings With Neoprene Gasket And Bolts** *(22 13 16 00-0262)*		
		Note: For underground connections. Labor costs are included in the installation costs for fittings. See CSI section 22 13 16 00-0854 for additional FERNCO couplings.		
22 13 16 00-0464	EA	1-1/2" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	49.55	
22 13 16 00-0465	EA	2" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	51.14	
22 13 16 00-0466	EA	3" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	53.70	
22 13 16 00-0467	EA	4" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	62.65	
22 13 16 00-0468	EA	5" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	118.27	
22 13 16 00-0469	EA	6" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	162.38	
22 13 16 00-0470	EA	8" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	284.49	
22 13 16 00-0471	EA	10" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	434.73	
22 13 16 00-0472		**Cut And Prepare Existing Pipe In-Place** *(22 13 16 00-0252)*		
		Note: For use when connecting pipe to an existing in-place system.		
22 13 16 00-0473	EA	Cut And Prepare, Existing In-Place 1-1/2" Diameter Cast Iron Pipe, No Hub	11.21	
		For Work In Restricted Working Space, Add	*3.36*	
22 13 16 00-0474	EA	Cut And Prepare, Existing In-Place 2" Diameter Cast Iron Pipe, No Hub	13.71	
		For Work In Restricted Working Space, Add	*4.11*	
22 13 16 00-0475	EA	Cut And Prepare, Existing In-Place 3" Diameter Cast Iron Pipe, No Hub	14.96	
		For Work In Restricted Working Space, Add	*4.49*	
22 13 16 00-0476	EA	Cut And Prepare, Existing In-Place 4" Diameter Cast Iron Pipe, No Hub	18.70	
		For Work In Restricted Working Space, Add	*5.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0477	EA	Cut And Prepare, Existing In-Place 6" Diameter Cast Iron Pipe, No Hub	22.43	
		For Work In Restricted Working Space, Add	*6.73*	
22 13 16 00-0478	EA	Cut And Prepare, Existing In-Place 8" Diameter Cast Iron Pipe, No Hub	29.92	
		For Work In Restricted Working Space, Add	*8.98*	
22 13 16 00-0479	EA	Cut And Prepare, Existing In-Place 10" Diameter Cast Iron Pipe, No Hub	34.90	
		For Work In Restricted Working Space, Add	*10.47*	

22 13 16 00-0480 Copper Drain-Waste-Vent (DWV) Pipe *(22 13 16)*

See CSI section 22 11 16 00-0446 for copper and brass fittings.

22 13 16 00-0481	LF	1-1/4" Diameter, Hard Drawn DWV Copper Tube/Pipe	22.64	5.39
22 13 16 00-0482	LF	1-1/2" Diameter, Hard Drawn DWV Copper Tube/Pipe	27.29	6.02
22 13 16 00-0483	LF	2" Diameter, Hard Drawn DWV Copper Tube/Pipe	35.36	7.43
22 13 16 00-0484	LF	3" Diameter, Hard Drawn DWV Copper Tube/Pipe	73.10	10.29
22 13 16 00-0485	LF	4" Diameter, Hard Drawn DWV Copper Tube/Pipe	105.79	11.62
22 13 16 00-0486	LF	5" Diameter, Hard Drawn DWV Copper Tube/Pipe	220.61	13.34
22 13 16 00-0487	LF	6" Diameter, Hard Drawn DWV Copper Tube/Pipe	312.45	20.67

22 13 16 00-0488 Polyvinyl Chloride (PVC) Drain-Waste-Vent (DWV) Pipe And Fittings *(22 13 16)*

Note: Aboveground installation. See CSI section 33 31 11 00-0018 for underground installation.

22 13 16 00-0489 Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assemblies *(22 13 16 00-0488)*

22 13 16 00-0490 Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assemblies

(22 13 16 00-0489)

Note: Includes all fittings. Fittings are assumed every 20'. Excludes excavation, backfill and compaction. Not for use where detail is available.Not for use where detail is available.

22 13 16 00-0491	LF	1-1/2" Diameter, Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	13.71	
		For Work In Restricted Working Space, Add	*2.69*	
22 13 16 00-0492	LF	2" Diameter, Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	16.36	
		For Work In Restricted Working Space, Add	*3.27*	
22 13 16 00-0493	LF	3" Diameter, Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	27.16	
		For Work In Restricted Working Space, Add	*4.63*	
22 13 16 00-0494	LF	4" Diameter, Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	35.52	
		For Work In Restricted Working Space, Add	*5.10*	
22 13 16 00-0495	LF	6" Diameter, Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	66.26	
		For Work In Restricted Working Space, Add	*6.56*	
22 13 16 00-0496	LF	8" Diameter, Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	94.91	
		For Work In Restricted Working Space, Add	*8.77*	
22 13 16 00-0497	LF	10" Diameter, Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	137.85	
		For Work In Restricted Working Space, Add	*11.69*	

22 13 16 00-0498 Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assemblies

(22 13 16 00-0489)

Note: Includes all hangers and couplings, elbow, tee and reducer fittings. All hangers are complete assemblies installed in accordance with uniform plumbing code. Not for use where detail is available.

22 13 16 00-0499	LF	1-1/2" Diameter, Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	26.84	4.82
		For Work In Restricted Working Space, Add	*5.53*	
22 13 16 00-0500	LF	2" Diameter, Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	30.16	5.74
		For Work In Restricted Working Space, Add	*6.14*	
22 13 16 00-0501	LF	3" Diameter, Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	42.79	8.27
		For Work In Restricted Working Space, Add	*7.64*	
22 13 16 00-0502	LF	4" Diameter, Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	55.27	8.95
		For Work In Restricted Working Space, Add	*8.34*	
22 13 16 00-0503	LF	6" Diameter, Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	89.16	11.48
		For Work In Restricted Working Space, Add	*10.68*	
22 13 16 00-0504	LF	8" Diameter, Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	118.44	15.26
		For Work In Restricted Working Space, Add	*12.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0505	LF	10" Diameter, Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	167.11	20.43
		For Work In Restricted Working Space, Add	*15.95*	

22 13 16 00-0506 Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe *(22 13 16 00-0488)*

Note: Excludes fittings or hangers.

22 13 16 00-0507 Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe (ASTM D-2665) *(22 13 16 00-0506)*

Note: Excludes fittings or hangers.

22 13 16 00-0508	LF	1-1/2" Diameter, Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	10.20	4.82
		For Work In Restricted Working Space, Add	*2.15*	
22 13 16 00-0509	LF	2" Diameter, Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	12.57	5.74
		For Work In Restricted Working Space, Add	*2.58*	
22 13 16 00-0510	LF	3" Diameter, Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	20.29	8.27
		For Work In Restricted Working Space, Add	*3.70*	
22 13 16 00-0511	LF	4" Diameter, Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	24.61	8.95
		For Work In Restricted Working Space, Add	*4.02*	
22 13 16 00-0512	LF	6" Diameter, Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	36.80	11.19
		For Work In Restricted Working Space, Add	*5.03*	
22 13 16 00-0513	LF	8" Diameter, Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	52.77	14.89
		For Work In Restricted Working Space, Add	*6.72*	
22 13 16 00-0514	LF	10" Diameter, Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	76.39	19.93
		For Work In Restricted Working Space, Add	*8.96*	

22 13 16 00-0515 Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe (ASTM F-891) *(22 13 16 00-0506)*

Note: Excludes fittings or hangers.

22 13 16 00-0516	LF	1-1/2" Diameter, Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	9.30	4.82
		For Work In Restricted Working Space, Add	*2.15*	
22 13 16 00-0517	LF	2" Diameter, Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	11.50	5.74
		For Work In Restricted Working Space, Add	*2.58*	
22 13 16 00-0518	LF	3" Diameter, Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	18.26	8.27
		For Work In Restricted Working Space, Add	*3.70*	
22 13 16 00-0519	LF	4" Diameter, Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	21.92	8.95
		For Work In Restricted Working Space, Add	*4.02*	
22 13 16 00-0520	LF	6" Diameter, Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	31.79	11.19
		For Work In Restricted Working Space, Add	*5.03*	
22 13 16 00-0521	LF	8" Diameter, Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	45.74	14.89
		For Work In Restricted Working Space, Add	*6.72*	
22 13 16 00-0522	LF	10" Diameter, Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	68.74	19.93
		For Work In Restricted Working Space, Add	*8.96*	

22 13 16 00-0523 Polyvinyl Chloride (PVC) DWV Fittings (ASTM D-2665) *(22 13 16 00-0488)*

22 13 16 00-0524 Polyvinyl Chloride (PVC) DWV 1/4 Bends *(22 13 16 00-0523)*

22 13 16 00-0525	EA	1-1/2" Polyvinyl Chloride (PVC) DWV 1/4 Bends	38.23	19.17
		For Work In Restricted Working Space, Add	*8.61*	
22 13 16 00-0526	EA	2" Polyvinyl Chloride (PVC) DWV 1/4 Bends	48.82	24.45
		For Work In Restricted Working Space, Add	*11.02*	
22 13 16 00-0527	EA	3" Polyvinyl Chloride (PVC) DWV 1/4 Bends	86.92	32.82
		For Work In Restricted Working Space, Add	*14.81*	
22 13 16 00-0528	EA	4" Polyvinyl Chloride (PVC) DWV 1/4 Bends	137.09	38.22
		For Work In Restricted Working Space, Add	*17.22*	
22 13 16 00-0529	EA	6" Polyvinyl Chloride (PVC) DWV 1/4 Bends	559.58	49.70
		For Work In Restricted Working Space, Add	*22.38*	
22 13 16 00-0530	EA	8" Polyvinyl Chloride (PVC) DWV 1/4 Bends	931.15	66.92
		For Work In Restricted Working Space, Add	*30.13*	
22 13 16 00-0531	EA	10" Polyvinyl Chloride (PVC) DWV 1/4 Bends	1,229.14	89.18
		For Work In Restricted Working Space, Add	*40.17*	

22 13 16 00-0532 Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends *(22 13 16 00-0523)*

22 13 16 00-0533	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	64.97	19.17
		For Work In Restricted Working Space, Add	*8.61*	
22 13 16 00-0534	EA	2" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	64.21	24.45
		For Work In Restricted Working Space, Add	*11.02*	
22 13 16 00-0535	EA	3" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	126.50	32.82
		For Work In Restricted Working Space, Add	*14.81*	
22 13 16 00-0536	EA	4" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	209.65	38.22
		For Work In Restricted Working Space, Add	*17.22*	
22 13 16 00-0537	EA	6" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	419.43	49.70
		For Work In Restricted Working Space, Add	*22.38*	
22 13 16 00-0538	EA	8" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	746.97	66.92
		For Work In Restricted Working Space, Add	*30.13*	
22 13 16 00-0539	EA	10" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	1,225.84	89.18
		For Work In Restricted Working Space, Add	*40.17*	

22 13 16 00-0540 Polyvinyl Chloride (PVC) DWV 1/8 Bends *(22 13 16 00-0523)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0541	EA	1-1/2" Polyvinyl Chloride (PVC) DWV 1/8 Bends	40.43	19.17
		For Work In Restricted Working Space, Add	*8.61*	
22 13 16 00-0542	EA	2" Polyvinyl Chloride (PVC) DWV 1/8 Bends	48.64	24.45
		For Work In Restricted Working Space, Add	*11.02*	
22 13 16 00-0543	EA	3" Polyvinyl Chloride (PVC) DWV 1/8 Bends	83.62	32.82
		For Work In Restricted Working Space, Add	*14.81*	
22 13 16 00-0544	EA	4" Polyvinyl Chloride (PVC) DWV 1/8 Bends	120.97	38.22
		For Work In Restricted Working Space, Add	*17.22*	
22 13 16 00-0545	EA	6" Polyvinyl Chloride (PVC) DWV 1/8 Bends	518.54	49.70
		For Work In Restricted Working Space, Add	*22.38*	
22 13 16 00-0546	EA	8" Polyvinyl Chloride (PVC) DWV 1/8 Bends	835.76	66.92
		For Work In Restricted Working Space, Add	*30.13*	
22 13 16 00-0547	EA	10" Polyvinyl Chloride (PVC) DWV 1/8 Bends	948.54	89.18
		For Work In Restricted Working Space, Add	*40.17*	

22 13 16 00-0548 Polyvinyl Chloride (PVC) DWV Sanitary Tees *(22 13 16 00-0523)*

22 13 16 00-0549	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Sanitary Tees	60.08	28.70
		For Work In Restricted Working Space, Add	*12.91*	
22 13 16 00-0550	EA	2" Polyvinyl Chloride (PVC) DWV Sanitary Tees	79.46	36.73
		For Work In Restricted Working Space, Add	*16.53*	
22 13 16 00-0551	EA	3" Polyvinyl Chloride (PVC) DWV Sanitary Tees	138.88	49.36
		For Work In Restricted Working Space, Add	*22.21*	
22 13 16 00-0552	EA	4" Polyvinyl Chloride (PVC) DWV Sanitary Tees	209.75	57.39
		For Work In Restricted Working Space, Add	*25.82*	
22 13 16 00-0553	EA	6" Polyvinyl Chloride (PVC) DWV Sanitary Tees	831.25	74.49
		For Work In Restricted Working Space, Add	*33.57*	
22 13 16 00-0554	EA	8" Polyvinyl Chloride (PVC) DWV Sanitary Tees	1,080.57	100.31
		For Work In Restricted Working Space, Add	*45.19*	

22 13 16 00-0555 Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees *(22 13 16 00-0523)*

22 13 16 00-0556	EA	2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	77.84	31.33
		For Work In Restricted Working Space, Add	*14.12*	
22 13 16 00-0557	EA	2" x 1-1/2" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	93.59	33.97
		For Work In Restricted Working Space, Add	*15.32*	
22 13 16 00-0558	EA	2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	75.45	33.97
		For Work In Restricted Working Space, Add	*15.32*	
22 13 16 00-0559	EA	3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	113.35	42.47
		For Work In Restricted Working Space, Add	*19.11*	
22 13 16 00-0560	EA	3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	114.99	45.11
		For Work In Restricted Working Space, Add	*20.32*	
22 13 16 00-0561	EA	4" x 4" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	138.42	47.74
		For Work In Restricted Working Space, Add	*21.52*	
22 13 16 00-0562	EA	4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	243.39	50.50
		For Work In Restricted Working Space, Add	*22.73*	
22 13 16 00-0563	EA	4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	309.98	54.63
		For Work In Restricted Working Space, Add	*24.62*	
22 13 16 00-0564	EA	6" x 6" x 4" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	798.97	68.75
		For Work In Restricted Working Space, Add	*30.99*	
22 13 16 00-0565	EA	8" x 8" x 4" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	2,550.70	85.96
		For Work In Restricted Working Space, Add	*38.74*	
22 13 16 00-0566	EA	8" x 8" x 6" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	2,637.39	91.70
		For Work In Restricted Working Space, Add	*41.32*	

22 13 16 00-0567 Polyvinyl Chloride (PVC) DWV Double Sanitary Tees *(22 13 16 00-0523)*

22 13 16 00-0568	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees	108.69	38.22
		For Work In Restricted Working Space, Add	*17.22*	
22 13 16 00-0569	EA	2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees	148.57	48.89
		For Work In Restricted Working Space, Add	*22.04*	
22 13 16 00-0570	EA	3" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees	309.40	65.77
		For Work In Restricted Working Space, Add	*29.61*	
22 13 16 00-0571	EA	4" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees	453.54	76.44
		For Work In Restricted Working Space, Add	*34.43*	

22 13 16 00-0572 Polyvinyl Chloride (PVC) DWV Reducing Double Sanitary Tees *(22 13 16 00-0523)*

22 13 16 00-0573	EA	2" x 2" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	133.33	43.62
		For Work In Restricted Working Space, Add	*19.63*	
22 13 16 00-0574	EA	3" x 3" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	237.53	51.99
		For Work In Restricted Working Space, Add	*23.41*	
22 13 16 00-0575	EA	3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	275.06	57.39
		For Work In Restricted Working Space, Add	*25.82*	
22 13 16 00-0576	EA	4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	510.27	62.67
		For Work In Restricted Working Space, Add	*28.23*	
22 13 16 00-0577	EA	4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	534.32	71.04
		For Work In Restricted Working Space, Add	*32.02*	

22 13 16 00-0578 Polyvinyl Chloride (PVC) DWV Reducers *(22 13 16 00-0523)*

22 13 16 00-0579	EA	2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducers	51.77	21.81
		For Work In Restricted Working Space, Add	*9.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0580	EA	3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducers	99.86	25.94
		For Work In Restricted Working Space, Add	*11.71*	
22 13 16 00-0581	EA	3" x 2" Polyvinyl Chloride (PVC) DWV Reducers	93.97	28.70
		For Work In Restricted Working Space, Add	*12.91*	
22 13 16 00-0582	EA	4" x 2" Polyvinyl Chloride (PVC) DWV Reducers	147.83	31.33
		For Work In Restricted Working Space, Add	*14.12*	
22 13 16 00-0583	EA	4" x 3" Polyvinyl Chloride (PVC) DWV Reducers	158.72	35.58
		For Work In Restricted Working Space, Add	*16.01*	
22 13 16 00-0584	EA	6" x 3" Polyvinyl Chloride (PVC) DWV Reducers	594.23	41.32
		For Work In Restricted Working Space, Add	*18.59*	
22 13 16 00-0585	EA	6" x 4" Polyvinyl Chloride (PVC) DWV Reducers	493.45	43.96
		For Work In Restricted Working Space, Add	*19.80*	
22 13 16 00-0586	EA	8" x 4" Polyvinyl Chloride (PVC) DWV Reducers	1,251.80	52.57
		For Work In Restricted Working Space, Add	*23.67*	
22 13 16 00-0587	EA	8" x 6" Polyvinyl Chloride (PVC) DWV Reducers	1,052.54	58.31
		For Work In Restricted Working Space, Add	*26.26*	
22 13 16 00-0588	EA	10" x 6" Polyvinyl Chloride (PVC) DWV Reducers	1,417.73	69.43
		For Work In Restricted Working Space, Add	*31.28*	
22 13 16 00-0589	EA	10" x 8" Polyvinyl Chloride (PVC) DWV Reducers	1,102.53	78.04
		For Work In Restricted Working Space, Add	*35.15*	

22 13 16 00-0590 Polyvinyl Chloride (PVC) DWV P-Traps *(22 13 16 00-0523)*

22 13 16 00-0591	EA	1-1/2" Polyvinyl Chloride (PVC) DWV P-Traps	76.39	28.70
		For Work In Restricted Working Space, Add	*12.91*	
22 13 16 00-0592	EA	2" Polyvinyl Chloride (PVC) DWV P-Traps	100.53	36.73
		For Work In Restricted Working Space, Add	*16.53*	
22 13 16 00-0593	EA	3" Polyvinyl Chloride (PVC) DWV P-Traps	300.30	49.36
		For Work In Restricted Working Space, Add	*22.21*	
22 13 16 00-0594	EA	4" Polyvinyl Chloride (PVC) DWV P-Traps	624.92	57.39
		For Work In Restricted Working Space, Add	*25.82*	
22 13 16 00-0595	EA	6" Polyvinyl Chloride (PVC) DWV P-Traps	1,064.63	74.49
		For Work In Restricted Working Space, Add	*33.57*	

22 13 16 00-0596 Polyvinyl Chloride (PVC) DWV Closet Flanges *(22 13 16 00-0523)*

22 13 16 00-0597	EA	4" Polyvinyl Chloride (PVC) DWV Closet Flanges	121.33	38.22
		For Work In Restricted Working Space, Add	*17.22*	
22 13 16 00-0598	EA	4" x 3" Polyvinyl Chloride (PVC) DWV Closet Flanges	98.07	35.58
		For Work In Restricted Working Space, Add	*16.01*	

22 13 16 00-0599 Polyvinyl Chloride (PVC) DWV Wyes *(22 13 16 00-0523)*

22 13 16 00-0600	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Wyes	77.12	28.70
		For Work In Restricted Working Space, Add	*12.91*	
22 13 16 00-0601	EA	2" Polyvinyl Chloride (PVC) DWV Wyes	89.35	36.73
		For Work In Restricted Working Space, Add	*16.53*	
22 13 16 00-0602	EA	3" Polyvinyl Chloride (PVC) DWV Wyes	151.52	49.36
		For Work In Restricted Working Space, Add	*22.21*	
22 13 16 00-0603	EA	4" Polyvinyl Chloride (PVC) DWV Wyes	230.45	57.39
		For Work In Restricted Working Space, Add	*25.82*	
22 13 16 00-0604	EA	6" Polyvinyl Chloride (PVC) DWV Wyes	753.56	74.49
		For Work In Restricted Working Space, Add	*33.57*	
22 13 16 00-0605	EA	8" Polyvinyl Chloride (PVC) DWV Wyes	933.00	100.31
		For Work In Restricted Working Space, Add	*45.19*	
22 13 16 00-0606	EA	10" Polyvinyl Chloride (PVC) DWV Wyes	1,227.47	133.71
		For Work In Restricted Working Space, Add	*60.25*	

22 13 16 00-0607 Polyvinyl Chloride (PVC) DWV Reducing Wyes *(22 13 16 00-0523)*

22 13 16 00-0608	EA	2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	107.89	31.33
		For Work In Restricted Working Space, Add	*14.12*	
22 13 16 00-0609	EA	2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	111.36	33.97
		For Work In Restricted Working Space, Add	*15.32*	
22 13 16 00-0610	EA	3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	158.40	42.47
		For Work In Restricted Working Space, Add	*19.11*	
22 13 16 00-0611	EA	3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	127.63	45.11
		For Work In Restricted Working Space, Add	*20.32*	
22 13 16 00-0612	EA	4" x 4" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	222.08	47.74
		For Work In Restricted Working Space, Add	*21.52*	
22 13 16 00-0613	EA	4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	191.73	50.50
		For Work In Restricted Working Space, Add	*22.73*	
22 13 16 00-0614	EA	4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Reducing Wyes	217.46	54.63
		For Work In Restricted Working Space, Add	*24.62*	
22 13 16 00-0615	EA	6" x 6" x 3" Polyvinyl Chloride (PVC) DWV Reducing Wyes	681.36	66.11
		For Work In Restricted Working Space, Add	*29.78*	
22 13 16 00-0616	EA	6" x 6" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes	847.77	68.75
		For Work In Restricted Working Space, Add	*30.99*	
22 13 16 00-0617	EA	8" x 8" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes	799.67	85.96
		For Work In Restricted Working Space, Add	*38.74*	
22 13 16 00-0618	EA	8" x 8" x 6" Polyvinyl Chloride (PVC) DWV Reducing Wyes	1,015.11	91.70
		For Work In Restricted Working Space, Add	*41.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0619	EA	10" x 10" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes	918.08	108.23
		For Work In Restricted Working Space, Add	*48.78*	
22 13 16 00-0620	EA	10" x 10" x 6" Polyvinyl Chloride (PVC) DWV Reducing Wyes	1,151.37	113.97
		For Work In Restricted Working Space, Add	*51.36*	
22 13 16 00-0621	EA	10" x 10" x 8" Polyvinyl Chloride (PVC) DWV Reducing Wyes	1,343.70	122.57
		For Work In Restricted Working Space, Add	*55.23*	
22 13 16 00-0622		**Polyvinyl Chloride (PVC) DWV Double Wyes** *(22 13 16 00-0523)*		
22 13 16 00-0623	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Double Wyes	129.94	38.22
		For Work In Restricted Working Space, Add	*17.22*	
22 13 16 00-0624	EA	2" Polyvinyl Chloride (PVC) DWV Double Wyes	166.71	48.89
		For Work In Restricted Working Space, Add	*22.04*	
22 13 16 00-0625	EA	3" Polyvinyl Chloride (PVC) DWV Double Wyes	339.63	65.77
		For Work In Restricted Working Space, Add	*29.61*	
22 13 16 00-0626	EA	4" Polyvinyl Chloride (PVC) DWV Double Wyes	603.23	76.44
		For Work In Restricted Working Space, Add	*34.43*	
22 13 16 00-0627	EA	6" Polyvinyl Chloride (PVC) DWV Double Wyes	1,255.43	99.40
		For Work In Restricted Working Space, Add	*44.76*	
22 13 16 00-0628	EA	8" Polyvinyl Chloride (PVC) DWV Double Wyes	1,449.34	133.82
		For Work In Restricted Working Space, Add	*60.26*	
22 13 16 00-0629	EA	10" Polyvinyl Chloride (PVC) DWV Double Wyes	2,257.21	178.35
		For Work In Restricted Working Space, Add	*80.33*	
22 13 16 00-0630		**Polyvinyl Chloride (PVC) DWV Reducing Double Wyes** *(22 13 16 00-0523)*		
22 13 16 00-0631	EA	2" x 2" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Wyes	150.62	43.62
		For Work In Restricted Working Space, Add	*19.63*	
22 13 16 00-0632	EA	3" x 3" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Wyes	289.44	51.99
		For Work In Restricted Working Space, Add	*23.41*	
22 13 16 00-0633	EA	3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Wyes	265.45	57.39
		For Work In Restricted Working Space, Add	*25.82*	
22 13 16 00-0634	EA	4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Wyes	386.92	62.67
		For Work In Restricted Working Space, Add	*28.23*	
22 13 16 00-0635	EA	4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Wyes	493.51	71.04
		For Work In Restricted Working Space, Add	*32.02*	
22 13 16 00-0636	EA	6" x 6" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes	767.24	87.92
		For Work In Restricted Working Space, Add	*39.60*	
22 13 16 00-0637	EA	8" x 8" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes	897.51	105.13
		For Work In Restricted Working Space, Add	*47.34*	
22 13 16 00-0638	EA	8" x 8" x 6" x 6" Polyvinyl Chloride (PVC) DWV Double Wyes	1,147.53	116.61
		For Work In Restricted Working Space, Add	*52.51*	
22 13 16 00-0639	EA	10" x 10" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes	1,211.12	127.40
		For Work In Restricted Working Space, Add	*57.38*	
22 13 16 00-0640	EA	10" x 10" x 6" x 6" Polyvinyl Chloride (PVC) DWV Double Wyes	1,580.54	138.87
		For Work In Restricted Working Space, Add	*62.55*	
22 13 16 00-0641	EA	10" x 10" x 8" x 8" Polyvinyl Chloride (PVC) DWV Double Wyes	1,914.94	156.09
		For Work In Restricted Working Space, Add	*70.29*	
22 13 16 00-0642		**Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends** *(22 13 16 00-0523)*		
22 13 16 00-0643	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	98.37	28.70
		For Work In Restricted Working Space, Add	*12.91*	
22 13 16 00-0644	EA	2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	122.51	36.73
		For Work In Restricted Working Space, Add	*16.53*	
22 13 16 00-0645	EA	3" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	251.19	49.36
		For Work In Restricted Working Space, Add	*22.21*	
22 13 16 00-0646	EA	4" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	453.98	57.39
		For Work In Restricted Working Space, Add	*25.82*	
22 13 16 00-0647		**Polyvinyl Chloride (PVC) DWV Reducing Combination Wye And 1/8 Bends** *(22 13 16 00-0523)*		
22 13 16 00-0648	EA	2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	190.69	33.97
		For Work In Restricted Working Space, Add	*15.32*	
22 13 16 00-0649	EA	3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	306.25	42.47
		For Work In Restricted Working Space, Add	*19.11*	
22 13 16 00-0650	EA	3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	219.32	45.11
		For Work In Restricted Working Space, Add	*20.32*	
22 13 16 00-0651	EA	4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	413.00	50.50
		For Work In Restricted Working Space, Add	*22.73*	
22 13 16 00-0652	EA	4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	447.34	54.63
		For Work In Restricted Working Space, Add	*24.62*	
22 13 16 00-0653		**Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends** *(22 13 16 00-0523)*		
22 13 16 00-0654	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	146.43	38.22
		For Work In Restricted Working Space, Add	*17.22*	
22 13 16 00-0655	EA	2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	168.54	48.89
		For Work In Restricted Working Space, Add	*22.04*	
22 13 16 00-0656	EA	3" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	263.96	65.77
		For Work In Restricted Working Space, Add	*29.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0657	EA	4" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	985.42	76.44
		For Work In Restricted Working Space, Add	*34.43*	
22 13 16 00-0658	EA	6" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	3,310.11	99.40
		For Work In Restricted Working Space, Add	*44.76*	

22 13 16 00-0659 Polyvinyl Chloride (PVC) DWV Reducing Double Combination Wye And 1/8 Bends *(22 13 16 00-0523)*

22 13 16 00-0660	EA	2" x 2" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	356.77	43.62
		For Work In Restricted Working Space, Add	*19.63*	
22 13 16 00-0661	EA	3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	579.70	57.39
		For Work In Restricted Working Space, Add	*25.82*	
22 13 16 00-0662	EA	4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	1,014.07	62.67
		For Work In Restricted Working Space, Add	*28.23*	
22 13 16 00-0663	EA	4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	911.86	71.04
		For Work In Restricted Working Space, Add	*32.02*	
22 13 16 00-0664	EA	6" x 6" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	2,197.01	87.92
		For Work In Restricted Working Space, Add	*39.60*	

22 13 16 00-0665 Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug *(22 13 16 00-0523)*

22 13 16 00-0666	EA	2" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	217.28	36.73
		For Work In Restricted Working Space, Add	*16.53*	
22 13 16 00-0667	EA	3" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	383.86	49.36
		For Work In Restricted Working Space, Add	*22.21*	
22 13 16 00-0668	EA	4" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	625.01	57.39
		For Work In Restricted Working Space, Add	*25.82*	
22 13 16 00-0669	EA	6" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	1,677.90	74.49
		For Work In Restricted Working Space, Add	*33.57*	
22 13 16 00-0670	EA	8" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	2,100.40	100.31
		For Work In Restricted Working Space, Add	*45.19*	
22 13 16 00-0671	EA	10" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	2,787.04	133.71
		For Work In Restricted Working Space, Add	*60.25*	

22 13 16 00-0672 Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug *(22 13 16 00-0523)*

22 13 16 00-0673	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	56.73	19.17
		For Work In Restricted Working Space, Add	*8.61*	
22 13 16 00-0674	EA	2" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	81.98	24.45
		For Work In Restricted Working Space, Add	*11.02*	
22 13 16 00-0675	EA	3" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	118.98	32.82
		For Work In Restricted Working Space, Add	*14.81*	
22 13 16 00-0676	EA	4" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	221.00	38.22
		For Work In Restricted Working Space, Add	*17.22*	
22 13 16 00-0677	EA	6" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	523.67	49.70
		For Work In Restricted Working Space, Add	*22.38*	
22 13 16 00-0678	EA	8" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	1,195.44	66.92
		For Work In Restricted Working Space, Add	*30.13*	
22 13 16 00-0679	EA	10" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	2,216.91	89.18
		For Work In Restricted Working Space, Add	*40.15*	

22 13 16 00-0680 Polyvinyl Chloride (PVC) Couplings *(22 13 16 00-0523)*

22 13 16 00-0681	EA	1-1/2" Polyvinyl Chloride (PVC) Couplings	37.01	19.17
		For Work In Restricted Working Space, Add	*8.61*	
22 13 16 00-0682	EA	2" Polyvinyl Chloride (PVC) Couplings	46.07	24.45
		For Work In Restricted Working Space, Add	*11.02*	
22 13 16 00-0683	EA	3" Polyvinyl Chloride (PVC) Couplings	73.24	32.82
		For Work In Restricted Working Space, Add	*14.81*	
22 13 16 00-0684	EA	4" Polyvinyl Chloride (PVC) Couplings	96.64	38.22
		For Work In Restricted Working Space, Add	*17.22*	
22 13 16 00-0685	EA	6" Polyvinyl Chloride (PVC) Couplings	291.19	49.70
		For Work In Restricted Working Space, Add	*22.38*	
22 13 16 00-0686	EA	8" Polyvinyl Chloride (PVC) Couplings	726.11	66.92
		For Work In Restricted Working Space, Add	*30.13*	
22 13 16 00-0687	EA	10" Polyvinyl Chloride (PVC) Couplings	1,103.49	89.18
		For Work In Restricted Working Space, Add	*40.17*	

22 13 16 00-0688 Polyvinyl Chloride (PVC) Male Adapters *(22 13 16 00-0523)*

22 13 16 00-0689	EA	1-1/2" Polyvinyl Chloride (PVC) Male Adapters	22.76	9.52
22 13 16 00-0690	EA	2" Polyvinyl Chloride (PVC) Male Adapters	39.04	12.28
22 13 16 00-0691	EA	3" Polyvinyl Chloride (PVC) Male Adapters	82.04	16.41
22 13 16 00-0692	EA	4" Polyvinyl Chloride (PVC) Male Adapters	160.15	19.17

22 13 16 00-0693 Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe *(22 13 16 00-0488)*

Note: In place piping.

22 13 16 00-0694	EA	1-1/2" Diameter, Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	8.41	
22 13 16 00-0695	EA	2" Diameter, Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	9.26	
22 13 16 00-0696	EA	3" Diameter, Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	11.77	
22 13 16 00-0697	EA	4" Diameter, Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	15.89	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0698	EA	6" Diameter, Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	22.71	
22 13 16 00-0699	EA	8" Diameter, Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	30.29	
22 13 16 00-0700	EA	10" Diameter, Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	37.03	

22 13 16 00-0701 Acrylonitrile Butadiene Styrene (ABS) Drain-Waste-Vent (DWV) Pipe And Fittings *(22 13 16)*

Note: Aboveground installation.

22 13 16 00-0702 Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assemblies *(22 13 16 00-0701)*

Note: Includes all hangers and couplings, elbow, tee and reducer fittings. All hangers are complete assemblies installed in accordance with uniform plumbing code. Not for use where detail is available.

22 13 16 00-0703	LF	1-1/2" Diameter, Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	28.34	4.82
		For Work In Restricted Working Space, Add	*6.60*	
22 13 16 00-0704	LF	2" Diameter, Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	31.49	5.74
		For Work In Restricted Working Space, Add	*7.31*	
22 13 16 00-0705	LF	3" Diameter, Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	43.19	8.27
		For Work In Restricted Working Space, Add	*9.08*	
22 13 16 00-0706	LF	4" Diameter, Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	49.83	8.95
		For Work In Restricted Working Space, Add	*10.09*	
22 13 16 00-0707	LF	6" Diameter, Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	83.76	11.48
		For Work In Restricted Working Space, Add	*13.42*	

22 13 16 00-0708 Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe (ASTM F-628) *(22 13 16 00-0701)*

Note: Excludes fittings or hangers.

22 13 16 00-0709	LF	1-1/2" Diameter, Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	9.87	4.82
		For Work In Restricted Working Space, Add	*2.15*	
22 13 16 00-0710	LF	2" Diameter, Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	12.24	5.74
		For Work In Restricted Working Space, Add	*2.58*	
22 13 16 00-0711	LF	3" Diameter, Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	19.85	8.27
		For Work In Restricted Working Space, Add	*3.70*	
22 13 16 00-0712	LF	4" Diameter, Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	24.13	8.95
		For Work In Restricted Working Space, Add	*4.02*	
22 13 16 00-0713	LF	6" Diameter, Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	38.66	11.19
		For Work In Restricted Working Space, Add	*5.03*	

22 13 16 00-0714 Acrylonitrile Butadiene Styrene (ABS) DWV Fittings (ASTM D-2661) *(22 13 16 00-0701)*

22 13 16 00-0715 Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends *(22 13 16 00-0714)*

22 13 16 00-0716	EA	1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	40.21	19.17
		For Work In Restricted Working Space, Add	*8.61*	
22 13 16 00-0717	EA	2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	53.14	24.45
		For Work In Restricted Working Space, Add	*11.02*	
22 13 16 00-0718	EA	3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	100.02	32.82
		For Work In Restricted Working Space, Add	*14.81*	
22 13 16 00-0719	EA	4" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	156.65	38.22
		For Work In Restricted Working Space, Add	*17.22*	
22 13 16 00-0720	EA	6" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	445.05	49.70
		For Work In Restricted Working Space, Add	*22.38*	

22 13 16 00-0721 Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends *(22 13 16 00-0714)*

22 13 16 00-0722	EA	1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends	56.12	19.17
		For Work In Restricted Working Space, Add	*8.61*	
22 13 16 00-0723	EA	2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends	68.70	24.45
		For Work In Restricted Working Space, Add	*11.02*	
22 13 16 00-0724	EA	3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends	138.64	32.82
		For Work In Restricted Working Space, Add	*14.81*	
22 13 16 00-0725	EA	4" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends	233.48	38.22
		For Work In Restricted Working Space, Add	*17.22*	

22 13 16 00-0726 Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends *(22 13 16 00-0714)*

22 13 16 00-0727	EA	1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	42.36	19.17
		For Work In Restricted Working Space, Add	*8.61*	
22 13 16 00-0728	EA	2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	51.64	24.45
		For Work In Restricted Working Space, Add	*11.02*	
22 13 16 00-0729	EA	3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	92.10	32.82
		For Work In Restricted Working Space, Add	*14.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0730	EA	4" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	142.02	38.22
		For Work In Restricted Working Space, Add	*17.22*	
22 13 16 00-0731	EA	6" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	460.47	49.70
		For Work In Restricted Working Space, Add	*22.38*	
22 13 16 00-0732		**Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees** *(22 13 16 00-0714)*		
22 13 16 00-0733	EA	1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	62.64	28.70
		For Work In Restricted Working Space, Add	*12.91*	
22 13 16 00-0734	EA	2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	84.55	36.73
		For Work In Restricted Working Space, Add	*16.53*	
22 13 16 00-0735	EA	3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	149.08	49.36
		For Work In Restricted Working Space, Add	*22.21*	
22 13 16 00-0736	EA	4" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	230.30	57.39
		For Work In Restricted Working Space, Add	*25.82*	
22 13 16 00-0737	EA	6" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	893.64	74.49
		For Work In Restricted Working Space, Add	*33.57*	
22 13 16 00-0738		**Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees** *(22 13 16 00-0714)*		
22 13 16 00-0739	EA	2" x 1-1/2" x 1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	78.31	31.33
		For Work In Restricted Working Space, Add	*14.12*	
22 13 16 00-0740	EA	2" x 1-1/2" x 2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	94.96	33.97
		For Work In Restricted Working Space, Add	*15.32*	
22 13 16 00-0741	EA	2" x 2" x 1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	79.32	33.97
		For Work In Restricted Working Space, Add	*15.32*	
22 13 16 00-0742	EA	3" x 3" x 1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	121.03	42.47
		For Work In Restricted Working Space, Add	*19.11*	
22 13 16 00-0743	EA	3" x 3" x 2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	125.58	45.11
		For Work In Restricted Working Space, Add	*20.32*	
22 13 16 00-0744	EA	4" x 4" x 1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	279.60	47.74
		For Work In Restricted Working Space, Add	*21.52*	
22 13 16 00-0745	EA	4" x 4" x 2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	269.79	50.50
		For Work In Restricted Working Space, Add	*22.73*	
22 13 16 00-0746	EA	4" x 4" x 3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	309.60	54.63
		For Work In Restricted Working Space, Add	*24.62*	
22 13 16 00-0747	EA	6" x 6" x 4" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	977.32	68.75
		For Work In Restricted Working Space, Add	*30.99*	
22 13 16 00-0748		**Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees** *(22 13 16 00-0714)*		
22 13 16 00-0749	EA	1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	116.92	38.22
		For Work In Restricted Working Space, Add	*17.22*	
22 13 16 00-0750	EA	2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	160.31	48.89
		For Work In Restricted Working Space, Add	*22.04*	
22 13 16 00-0751	EA	3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	342.70	65.77
		For Work In Restricted Working Space, Add	*29.61*	
22 13 16 00-0752	EA	4" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	505.83	76.44
		For Work In Restricted Working Space, Add	*34.43*	
22 13 16 00-0753		**Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Sanitary Tees** *(22 13 16 00-0714)*		
22 13 16 00-0754	EA	2" x 2" x 1-1/2" x 1-1/2 Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	132.95	43.62
		For Work In Restricted Working Space, Add	*19.63*	
22 13 16 00-0755	EA	3" x 3" x 1-1/2" x 1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	202.40	51.99
		For Work In Restricted Working Space, Add	*23.41*	
22 13 16 00-0756	EA	3" x 3" x 2" x 2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	233.22	57.39
		For Work In Restricted Working Space, Add	*25.82*	
22 13 16 00-0757	EA	4" x 4" x 2" x 2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	415.88	61.14
		For Work In Restricted Working Space, Add	*27.55*	
22 13 16 00-0758	EA	4" x 4" x 3" x 3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	437.15	69.32
		For Work In Restricted Working Space, Add	*31.24*	
22 13 16 00-0759		**Acrylonitrile Butadiene Styrene (ABS) DWV Wyes** *(22 13 16 00-0714)*		
22 13 16 00-0760	EA	1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	82.50	28.70
		For Work In Restricted Working Space, Add	*12.91*	
22 13 16 00-0761	EA	2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	95.60	36.73
		For Work In Restricted Working Space, Add	*16.53*	
22 13 16 00-0762	EA	3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	163.68	49.36
		For Work In Restricted Working Space, Add	*22.21*	
22 13 16 00-0763	EA	4" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	253.12	57.39
		For Work In Restricted Working Space, Add	*25.82*	
22 13 16 00-0764	EA	6" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	724.85	74.49
		For Work In Restricted Working Space, Add	*33.57*	
22 13 16 00-0765		**Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes** *(22 13 16 00-0714)*		
22 13 16 00-0766	EA	2" x 1-1/2" x 1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	117.46	31.33
		For Work In Restricted Working Space, Add	*14.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0767	EA	2" x 2" X 1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	120.76	33.97
		For Work In Restricted Working Space, Add	*15.32*	
22 13 16 00-0768	EA	3" x 3" x 2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	137.40	45.11
		For Work In Restricted Working Space, Add	*20.32*	
22 13 16 00-0769	EA	4" x 4" x 2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	209.96	50.50
		For Work In Restricted Working Space, Add	*22.73*	
22 13 16 00-0770	EA	4" x 4" x 3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	238.86	54.63
		For Work In Restricted Working Space, Add	*24.62*	
22 13 16 00-0771	EA	6" x 6" x 4" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	609.71	68.75
		For Work In Restricted Working Space, Add	*30.99*	
22 13 16 00-0772		**Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes** *(22 13 16 00-0714)*		
22 13 16 00-0773	EA	1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	141.31	38.22
		For Work In Restricted Working Space, Add	*17.22*	
22 13 16 00-0774	EA	2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	181.39	48.89
		For Work In Restricted Working Space, Add	*22.04*	
22 13 16 00-0775	EA	3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	377.75	65.77
		For Work In Restricted Working Space, Add	*29.61*	
22 13 16 00-0776	EA	4" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	680.05	76.44
		For Work In Restricted Working Space, Add	*34.43*	
22 13 16 00-0777		**Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Wyes** *(22 13 16 00-0714)*		
22 13 16 00-0778	EA	2" x 2" x 1-1/2" x 1-1/2 Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	164.00	43.62
		For Work In Restricted Working Space, Add	*19.63*	
22 13 16 00-0779	EA	3" x 3" x 1-1/2" x 1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	274.88	51.99
		For Work In Restricted Working Space, Add	*23.41*	
22 13 16 00-0780	EA	3" x 3" x 2" x 2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	293.25	57.39
		For Work In Restricted Working Space, Add	*25.82*	
22 13 16 00-0781	EA	4" x 4" x 2" x 2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	433.03	62.67
		For Work In Restricted Working Space, Add	*28.23*	
22 13 16 00-0782	EA	4" x 4" x 3" x 3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	554.42	71.04
		For Work In Restricted Working Space, Add	*32.02*	
22 13 16 00-0783		**Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bend** *(22 13 16 00-0714)*		
22 13 16 00-0784	EA	1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	106.07	28.70
		For Work In Restricted Working Space, Add	*12.91*	
22 13 16 00-0785	EA	2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	137.00	36.73
		For Work In Restricted Working Space, Add	*16.53*	
22 13 16 00-0786	EA	3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	208.98	49.36
		For Work In Restricted Working Space, Add	*22.21*	
22 13 16 00-0787	EA	4" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	348.92	55.99
		For Work In Restricted Working Space, Add	*25.19*	
22 13 16 00-0788		**Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Combination Wye And 1/8 Bend** *(22 13 16 00-0714)*		
22 13 16 00-0789	EA	2" x 2" x 1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	117.41	33.97
		For Work In Restricted Working Space, Add	*15.32*	
22 13 16 00-0790	EA	3" x 3" x 1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	220.77	42.47
		For Work In Restricted Working Space, Add	*19.11*	
22 13 16 00-0791	EA	3" x 3" x 2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	165.87	45.11
		For Work In Restricted Working Space, Add	*20.32*	
22 13 16 00-0792	EA	4" x 4" x 2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	294.38	50.50
		For Work In Restricted Working Space, Add	*22.73*	
22 13 16 00-0793	EA	4" x 4" x 3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	318.81	54.63
		For Work In Restricted Working Space, Add	*24.62*	
22 13 16 00-0794		**Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bend** *(22 13 16 00-0714)*		
22 13 16 00-0795	EA	2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends	221.73	48.89
		For Work In Restricted Working Space, Add	*22.04*	
22 13 16 00-0796	EA	3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends	440.71	65.77
		For Work In Restricted Working Space, Add	*29.61*	
22 13 16 00-0797		**Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Combination Wye And 1/8 Bend** *(22 13 16 00-0714)*		
22 13 16 00-0798	EA	2" x 2" x 1-1/2" x 1-1/2 Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends	184.75	43.62
		For Work In Restricted Working Space, Add	*19.63*	
22 13 16 00-0799	EA	3" x 3" x 2" x 2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends	422.25	57.39
		For Work In Restricted Working Space, Add	*25.82*	
22 13 16 00-0800		**Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug** *(22 13 16 00-0714)*		

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22 13 16 00-0801	EA	1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug	117.17	28.70
		For Work In Restricted Working Space, Add	*12.91*	
22 13 16 00-0802	EA	2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug	148.10	36.73
		For Work In Restricted Working Space, Add	*16.53*	
22 13 16 00-0803	EA	3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug	233.79	49.36
		For Work In Restricted Working Space, Add	*22.21*	
22 13 16 00-0804	EA	4" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug	384.73	57.39
		For Work In Restricted Working Space, Add	*25.82*	
22 13 16 00-0805		**Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug** *(22 13 16 00-0714)*		
22 13 16 00-0806	EA	1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	54.11	19.17
		For Work In Restricted Working Space, Add	*8.61*	
22 13 16 00-0807	EA	2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	77.74	24.45
		For Work In Restricted Working Space, Add	*11.02*	
22 13 16 00-0808	EA	3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	112.39	32.82
		For Work In Restricted Working Space, Add	*14.81*	
22 13 16 00-0809	EA	4" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	205.77	38.22
		For Work In Restricted Working Space, Add	*17.22*	
22 13 16 00-0810	EA	6" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	481.96	49.70
		For Work In Restricted Working Space, Add	*22.38*	
22 13 16 00-0811		**Acrylonitrile Butadiene Styrene (ABS) DWV Couplings** *(22 13 16 00-0714)*		
22 13 16 00-0812	EA	1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	37.46	19.17
		For Work In Restricted Working Space, Add	*8.61*	
22 13 16 00-0813	EA	2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	45.97	24.45
		For Work In Restricted Working Space, Add	*11.02*	
22 13 16 00-0814	EA	3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	74.48	32.82
		For Work In Restricted Working Space, Add	*14.81*	
22 13 16 00-0815	EA	4" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	98.81	38.22
		For Work In Restricted Working Space, Add	*17.22*	
22 13 16 00-0816	EA	6" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	279.33	49.70
		For Work In Restricted Working Space, Add	*22.38*	
22 13 16 00-0817		**Acrylonitrile Butadiene Styrene (ABS) DWV Reducers** *(22 13 16 00-0714)*		
22 13 16 00-0818	EA	2" x 1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	54.92	21.81
		For Work In Restricted Working Space, Add	*9.81*	
22 13 16 00-0819	EA	3" x 1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	109.43	25.94
		For Work In Restricted Working Space, Add	*11.71*	
22 13 16 00-0820	EA	3" x 2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	102.07	28.70
		For Work In Restricted Working Space, Add	*12.91*	
22 13 16 00-0821	EA	4" x 2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	163.50	31.33
		For Work In Restricted Working Space, Add	*14.12*	
22 13 16 00-0822	EA	4" x 3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	175.19	35.58
		For Work In Restricted Working Space, Add	*16.01*	
22 13 16 00-0823		**Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps** *(22 13 16 00-0714)*		
22 13 16 00-0824	EA	1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps	86.09	28.70
		For Work In Restricted Working Space, Add	*12.91*	
22 13 16 00-0825	EA	2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps	124.77	36.73
		For Work In Restricted Working Space, Add	*16.53*	
22 13 16 00-0826	EA	3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps	393.18	49.36
		For Work In Restricted Working Space, Add	*22.21*	
22 13 16 00-0827	EA	4" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps	739.95	57.39
		For Work In Restricted Working Space, Add	*25.82*	
22 13 16 00-0828		**Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges** *(22 13 16 00-0714)*		
22 13 16 00-0829	EA	4" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges	117.50	38.22
		For Work In Restricted Working Space, Add	*17.22*	
22 13 16 00-0830	EA	4" x 3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges	109.75	35.58
		For Work In Restricted Working Space, Add	*16.01*	
22 13 16 00-0831		**Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters** *(22 13 16 00-0714)*		
22 13 16 00-0832	EA	1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters	25.52	9.52
		For Work In Restricted Working Space, Add	*4.31*	
22 13 16 00-0833	EA	2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters	38.17	12.28
		For Work In Restricted Working Space, Add	*5.51*	
22 13 16 00-0834	EA	3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters	82.40	16.41
		For Work In Restricted Working Space, Add	*7.40*	
22 13 16 00-0835	EA	4" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters	156.38	19.17
		For Work In Restricted Working Space, Add	*8.61*	
22 13 16 00-0836		**Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushings** *(22 13 16 00-0714)*		
22 13 16 00-0837	EA	2" x 1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	41.95	21.81
		For Work In Restricted Working Space, Add	*9.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0838	EA	3" x 1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	88.85	25.94
		For Work In Restricted Working Space, Add	*11.71*	
22 13 16 00-0839	EA	3" x 2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	74.70	28.70
		For Work In Restricted Working Space, Add	*12.91*	
22 13 16 00-0840	EA	4" x 2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	161.89	31.33
		For Work In Restricted Working Space, Add	*14.12*	
22 13 16 00-0841	EA	4" x 3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	119.91	35.58
		For Work In Restricted Working Space, Add	*16.01*	
22 13 16 00-0842	EA	6" x 4" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	325.33	42.89
		For Work In Restricted Working Space, Add	*19.32*	

22 13 16 00-0843 Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Couplings *(22 13 16 00-0714)*

22 13 16 00-0844	EA	1-1/2" x 1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling	166.12	19.17
		For Work In Restricted Working Space, Add	*8.61*	
22 13 16 00-0845	EA	2" x 2" Diameter, Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling	183.31	24.45
		For Work In Restricted Working Space, Add	*11.02*	
22 13 16 00-0846	EA	3" x 3" Diameter, Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling	205.10	32.82
		For Work In Restricted Working Space, Add	*14.81*	
22 13 16 00-0847	EA	4" x 4" Diameter, Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling	222.29	38.22
		For Work In Restricted Working Space, Add	*17.22*	

22 13 16 00-0848 Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe

(22 13 16 00-0701)

Note: In place piping.

22 13 16 00-0849	EA	1-1/2" Diameter, Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	8.41
22 13 16 00-0850	EA	2" Diameter, Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	9.26
22 13 16 00-0851	EA	3" Diameter, Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	11.77
22 13 16 00-0852	EA	4" Diameter, Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	15.89
22 13 16 00-0853	EA	6" Diameter, Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	22.71

22 13 16 00-0854 Elastomeric Flexible Pipe Couplings *(22 13 16)*

22 13 16 00-0855 Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Couplings

(22 13 16 00-0854)

Note: For cast iron or plastic to cast iron or plastic pipe (Cast Iron/Plastic To Cast Iron/Plastic). Includes stainless steel clamps.

22 13 16 00-0856	EA	1-1/4" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-125)	14.47	4.98
22 13 16 00-0857	EA	1-1/2" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-150)	15.58	5.29
22 13 16 00-0858	EA	2" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-22)	16.39	5.61
22 13 16 00-0859	EA	3" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-33)	18.84	5.92
22 13 16 00-0860	EA	4" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-44)	21.21	6.23
22 13 16 00-0861	EA	5" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-55)	26.78	6.54
22 13 16 00-0862	EA	6" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-66)	32.42	6.85
22 13 16 00-0863	EA	8" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-88)	43.73	7.48
22 13 16 00-0864	EA	10" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1010)	57.45	8.73

22 13 16 00-0865 Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Couplings *(22 13 16 00-0854)*

Note: For cast iron or plastic to cast iron or plastic pipe (Cast Iron/Plastic To Cast Iron/Plastic). Includes stainless steel clamps.

22 13 16 00-0866	EA	1-1/2" Diameter x 1-1/4" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-150/125)	15.41	5.29
22 13 16 00-0867	EA	2" Diameter x 1-1/2" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-215)	16.68	5.61
22 13 16 00-0868	EA	3" Diameter x 1-1/2" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-315)	20.28	5.92
22 13 16 00-0869	EA	3" Diameter x 2" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-32)	18.31	5.92
22 13 16 00-0870	EA	4" Diameter x 1-1/2" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-415)	24.76	6.23
22 13 16 00-0871	EA	4" Diameter x 2" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-42)	23.76	6.23
22 13 16 00-0872	EA	4" Diameter x 3" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-43)	21.89	6.23
22 13 16 00-0873	EA	5" Diameter x 3" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-53)	31.18	6.54
22 13 16 00-0874	EA	5" Diameter x 4" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-54)	28.32	6.54
22 13 16 00-0875	EA	6" Diameter x 3" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-63)	38.32	6.85
22 13 16 00-0876	EA	6" Diameter x 4" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-64)	34.04	6.85
22 13 16 00-0877	EA	6" Diameter x 5" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-65)	35.24	6.85
22 13 16 00-0878	EA	8" Diameter x 4" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-84)	68.96	12.47
22 13 16 00-0879	EA	8" Diameter x 6" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-86)	57.10	12.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0880	EA	10" Diameter x 8" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-10-8)	71.85	14.02

22 13 16 00-0881 Elastomeric Flexible Pipe Caps (Fernco QC) *(22 13 16)*

Note: For cast iron, steel, copper or plastic pipe. Includes stainless steel clamp.

22 13 16 00-0882	EA	1-1/2" Diameter, Elastomeric Flexible Pipe Cap (Fernco QC-101)	54.63	33.65
22 13 16 00-0883	EA	2" Diameter, Elastomeric Flexible Pipe Cap (Fernco QC-102)	58.57	35.78
22 13 16 00-0884	EA	3" Diameter, Elastomeric Flexible Pipe Cap (Fernco QC-103)	67.77	41.01
22 13 16 00-0885	EA	4" Diameter, Elastomeric Flexible Pipe Cap (Fernco QC-104)	89.43	54.22
22 13 16 00-0886	EA	5" Diameter, Elastomeric Flexible Pipe Cap (Fernco QC-105)	107.18	64.81
22 13 16 00-0887	EA	6" Diameter, Elastomeric Flexible Pipe Cap (Fernco QC-106)	123.68	74.79
22 13 16 00-0888	EA	8" Diameter, Elastomeric Flexible Pipe Cap (Fernco QC-108)	165.31	94.73
22 13 16 00-0889	EA	10" Diameter, Elastomeric Flexible Pipe Cap (Fernco QC-110)	202.19	105.94
22 13 16 00-0890	EA	12" Diameter, Elastomeric Flexible Pipe Cap (Fernco QC-112)	254.14	117.79

22 13 16 00-0891 Cast Iron Vent Stack Flashing Sleeves With Caulking Recess (Josam 26450 Series) *(22 13 16)*

22 13 16 00-0892	EA	1-1/2" Diameter, Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	103.85	25.83
22 13 16 00-0893	EA	2" Diameter, Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	109.59	28.70
22 13 16 00-0894	EA	3" Diameter, Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	164.09	37.30
22 13 16 00-0895	EA	4" Diameter, Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	192.34	43.04
22 13 16 00-0896	EA	5" Diameter, Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	224.31	48.78
22 13 16 00-0897	EA	6" Diameter, Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	377.46	54.52

22 13 16 00-0898 Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess (Josam 26440 Series) *(22 13 16)*

22 13 16 00-0899	EA	1-1/2" Diameter, Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	214.56	25.83
22 13 16 00-0900	EA	2" Diameter, Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	220.30	28.70
22 13 16 00-0901	EA	3" Diameter, Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	261.88	37.30
22 13 16 00-0902	EA	4" Diameter, Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	327.64	43.04
22 13 16 00-0903	EA	5" Diameter, Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	447.73	48.78
22 13 16 00-0904	EA	6" Diameter, Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	459.21	54.52

22 13 16 00-0905 Cast Iron Vandal Proof Hooded Vent Cap (Josam 26700 Series) *(22 13 16)*

Note: Includes counterflashing collar, deep protective hood and recessed securing screws.

22 13 16 00-0906	EA	1-1/2" Diameter, Cast Iron Vandal Proof Hooded Vent Cap	409.29	25.83
22 13 16 00-0907	EA	2" Diameter, Cast Iron Vandal Proof Hooded Vent Cap	415.03	28.70
22 13 16 00-0908	EA	3" Diameter, Cast Iron Vandal Proof Hooded Vent Cap	476.95	37.30
22 13 16 00-0909	EA	4" Diameter, Cast Iron Vandal Proof Hooded Vent Cap	536.86	43.04
22 13 16 00-0910	EA	5" Diameter, Cast Iron Vandal Proof Hooded Vent Cap	626.57	48.78
22 13 16 00-0911	EA	6" Diameter, Cast Iron Vandal Proof Hooded Vent Cap	684.62	54.52

22 13 19 Sanitary Waste Piping Specialties *(22 13)*

22 13 19 13 Sanitary Drains *(22 13 19)*

22 13 19 13-0001 Round Top Floor Drains *(22 13 19 13)*

22 13 19 13-0002	EA	Bronze Top, 6" Round Top Floor Drain With 1-1/2" Outlet	847.51	123.38
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0003	EA	Bronze Top, 6" Round Top Floor Drain With 2" Outlet	931.06	138.30
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0004	EA	Bronze Top, 6" Round Top Floor Drain With 3" Outlet	906.85	152.99
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0005	EA	Bronze Top, 6" Round Top Floor Drain With 4" Outlet	938.36	168.83
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0006	EA	Cast Iron Top, 9" Round Top Floor Drain With 2" Outlet	849.66	138.30
		For Nikaloy Dome Grate, Add	*178.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Bronze Dome Grate, Add	*143.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0007	EA	Cast Iron Top, 9" Round Top Floor Drain With 3" Outlet	879.16	152.99
		For Nikaloy Dome Grate, Add	*178.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Bronze Dome Grate, Add	*143.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 13 19 13-0008	EA	Cast Iron Top, 9" Round Top Floor Drain With 4" Outlet	910.67	168.83
		For Nikaloy Dome Grate, Add	*178.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Bronze Dome Grate, Add	*143.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 13 19 13-0009	EA	Nikaloy Top, 9" Round Top Floor Drain With 2" Outlet	1,419.99	138.30
		For Nikaloy Dome Grate, Add	*178.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Bronze Dome Grate, Add	*143.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 13 19 13-0010	EA	Nikaloy Top, 9" Round Top Floor Drain With 3" Outlet	1,449.49	152.99
		For Nikaloy Dome Grate, Add	*178.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Bronze Dome Grate, Add	*143.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 13 19 13-0011	EA	Nikaloy Top, 9" Round Top Floor Drain With 4" Outlet	1,481.00	168.83
		For Nikaloy Dome Grate, Add	*178.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Bronze Dome Grate, Add	*143.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 13 19 13-0012	EA	Bronze Top, 9" Round Top Floor Drain With 2" Outlet	1,336.93	138.30
		For Nikaloy Dome Grate, Add	*178.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Bronze Dome Grate, Add	*143.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 13 19 13-0013	EA	Bronze Top, 9" Round Top Floor Drain With 3" Outlet	1,366.27	152.99
		For Nikaloy Dome Grate, Add	*178.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Bronze Dome Grate, Add	*143.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 13 19 13-0014	EA	Bronze Top, 9" Round Top Floor Drain With 4" Outlet	1,397.94	168.83
		For Nikaloy Dome Grate, Add	*178.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Bronze Dome Grate, Add	*143.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 13 19 13-0015	EA	Cast Iron Top, 12-5/8" Round Top Floor Drain With 2" Outlet	1,469.70	138.19
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0016	EA	Cast Iron Top, 12-5/8" Round Top Floor Drain With 3" Outlet	1,499.17	152.99
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0017	EA	Cast Iron Top, 12-5/8" Round Top Floor Drain With 4" Outlet	1,530.84	168.83
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0018	EA	Nikaloy Top, 12-5/8" Round Top Floor Drain With 2" Outlet	2,322.43	138.19
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0019	EA	Nikaloy Top, 12-5/8" Round Top Floor Drain With 3" Outlet	2,351.90	152.99
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0020	EA	Nikaloy Top, 12-5/8" Round Top Floor Drain With 4" Outlet	2,383.57	168.83
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0021	EA	Bronze Top, 12-5/8" Round Top Floor Drain With 2" Outlet	2,208.91	138.19
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0022	EA	Bronze Top, 12-5/8" Round Top Floor Drain With 3" Outlet	2,238.38	152.99
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0023	EA	Bronze Top, 12-5/8" Round Top Floor Drain With 4" Outlet	2,270.05	168.83
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	

22 13 19 13-0024 Square Or Rectangular Top Drains *(22 13 19 13)*

22 13 19 13-0025	EA	5" x 5" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,007.34	138.19
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0026	EA	5" x 5" Floor Drain With 3" Bottom Outlet, Nikaloy Top	1,037.13	153.10
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0027	EA	5" x 5" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,068.48	168.83
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0028	EA	6" x 6" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,090.40	138.19
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0029	EA	6" x 6" Floor Drain With 3" Bottom Outlet, Nikaloy Top	1,120.19	153.10
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0030	EA	6" x 6" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,151.54	168.83
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0031	EA	8" x 8" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,455.85	138.19
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0032	EA	8" x 8" Floor Drain With 3" Bottom Outlet, Nikaloy Top	1,485.64	153.10
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0033	EA	8" x 8" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,516.99	168.83
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0034	EA	5" x 5" Floor Drain With 2" Bottom Outlet, Bronze Top	946.43	138.19
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0035	EA	5" x 5" Floor Drain With 3" Bottom Outlet, Bronze Top	976.22	153.10
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0036	EA	5" x 5" Floor Drain With 4" Bottom Outlet, Bronze Top	1,007.57	168.83
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0037	EA	6" x 6" Floor Drain With 2" Bottom Outlet, Bronze Top	1,051.64	138.19
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0038	EA	6" x 6" Floor Drain With 3" Bottom Outlet, Bronze Top	1,081.43	153.10
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0039	EA	6" x 6" Floor Drain With 4" Bottom Outlet, Bronze Top	1,112.78	168.83
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0040	EA	8" x 8" Floor Drain With 2" Bottom Outlet, Bronze Top	1,347.88	138.19
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0041	EA	8" x 8" Floor Drain With 3" Bottom Outlet, Bronze Top	1,377.67	153.10
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0042	EA	8" x 8" Floor Drain With 4" Bottom Outlet, Bronze Top	1,409.02	168.83
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0043	EA	12" x 12" Can Wash Drain With 3" Bottom Outlet, Cast Iron Top	3,515.03	153.10
		For Galvanized Cast Iron Parts, Add	*318.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0044	EA	12" x 12" Can Wash Drain With 4" Bottom Outlet, Cast Iron Top	3,546.38	168.83
		For Galvanized Cast Iron Parts, Add	*318.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0045	EA	12" x 12" Can Wash Drain With 3" Bottom Outlet, Nikaloy Top	4,417.59	153.10
		For Galvanized Cast Iron Parts, Add	*318.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0046	EA	12" x 12" Can Wash Drain With 4" Bottom Outlet, Nikaloy Top	4,448.94	168.83
		For Galvanized Cast Iron Parts, Add	*318.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0047	EA	12" x 12" Can Wash Drain With 3" Bottom Outlet, Bronze Top	4,309.62	153.10
		For Galvanized Cast Iron Parts, Add	*318.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0048	EA	12" x 12" Can Wash Drain With 4" Bottom Outlet, Bronze Top	4,340.97	168.83
		For Galvanized Cast Iron Parts, Add	*318.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0049	EA	5" x 9" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,478.00	138.19
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0050	EA	5" x 9" Floor Drain With 3" Bottom Outlet, Nikaloy Top	1,507.79	153.10
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0051	EA	5" x 9" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,539.14	168.83
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0052	EA	5" x 13" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,907.14	138.19
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0053	EA	5" x 13" Floor Drain With 3" Bottom Outlet, Nikaloy Top	1,936.93	153.10
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0054	EA	5" x 13" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,968.28	168.83
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0055	EA	5" x 16-3/4" Floor Drain With 2" Bottom Outlet, Nikaloy Top	2,006.81	138.19
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0056	EA	5" x 16-5/8" Floor Drain With 3" Bottom Outlet, Nikaloy Top	2,036.60	153.10
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0057	EA	5" x 16-3/4" Floor Drain With 4" Bottom Outlet, Nikaloy Top	2,067.95	168.83
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0058	EA	5" x 21" Floor Drain With 2" Bottom Outlet, Nikaloy Top	2,779.24	138.19
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0059	EA	5" x 21" Floor Drain With 3" Bottom Outlet, Nikaloy Top	2,809.03	153.10
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0060	EA	5" x 21" Floor Drain With 4" Bottom Outlet, Nikaloy Top	2,840.38	168.83
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0061	EA	5" x 9" Floor Drain With 2" Bottom Outlet, Bronze Top	1,389.41	138.19
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0062	EA	5" x 9" Floor Drain With 3" Bottom Outlet, Bronze Top	1,419.20	153.10
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0063	EA	5" x 9" Floor Drain With 4" Bottom Outlet, Bronze Top	1,450.55	168.83
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0064	EA	5" x 13" Floor Drain With 2" Bottom Outlet, Bronze Top	1,754.86	138.19
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0065	EA	5" x 13" Floor Drain With 3" Bottom Outlet, Bronze Top	1,784.65	153.10
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0066	EA	5" x 13" Floor Drain With 4" Bottom Outlet, Bronze Top	1,816.00	168.83
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0067	EA	5" x 16-3/4" Floor Drain With 2" Bottom Outlet, Bronze Top	1,854.53	138.19
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0068	EA	5" x 16-5/8" Floor Drain With 3" Bottom Outlet, Bronze Top	1,884.32	153.10
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0069	EA	5" x 16-3/4" Floor Drain With 4" Bottom Outlet, Bronze Top	1,915.67	168.83
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0070	EA	5" x 21" Floor Drain With 2" Bottom Outlet, Bronze Top	2,483.00	138.19
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0071	EA	5" x 21" Floor Drain With 3" Bottom Outlet, Bronze Top	2,512.79	153.10
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0072	EA	5" x 21" Floor Drain With 4" Bottom Outlet, Bronze Top	2,544.14	168.83
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	

22 13 19 13-0073 Funnel Type Floor Drains *(22 13 19 13)*

22 13 19 13-0074	EA	7" Diameter Floor Drain With 4" Round Funnel With 1-1/2" Outlet, Bronze Top	1,395.79	123.38
		For Vandal Proof Screws, Add	*11.00*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0075	EA	7" Diameter Floor Drain With 4" Round Funnel With 2" Outlet, Bronze Top	1,425.40	138.19
		For Vandal Proof Screws, Add	*11.00*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0076	EA	7" Diameter Floor Drain With 4" Round Funnel With 3" Outlet, Bronze Top	1,454.87	152.99
		For Vandal Proof Screws, Add	*11.00*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0077	EA	7" Diameter Floor Drain With 4" Round Funnel With 4" Outlet, Bronze Top	1,486.54	168.83
		For Vandal Proof Screws, Add	*11.00*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0078	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 2" Outlet, Nikaloy Top	2,048.33	138.19
		For Vandal Proof Screws, Add	*11.00*	
		For Primer Tap, Add	*15.10*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0079	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 3" Outlet, Nikaloy Top	2,077.80	152.99
		For Vandal Proof Screws, Add	*11.00*	
		For Primer Tap, Add	*15.10*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0080	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 4" Outlet, Nikaloy Top	2,109.47	168.83
		For Vandal Proof Screws, Add	*11.00*	
		For Primer Tap, Add	*15.10*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0081	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 2" Outlet, Bronze Top	1,940.36	138.19
		For Vandal Proof Screws, Add	*11.00*	
		For Primer Tap, Add	*15.10*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0082	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 3" Outlet, Bronze Top	1,969.83	152.99
		For Vandal Proof Screws, Add	*11.00*	
		For Primer Tap, Add	*15.10*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0083	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 4" Outlet, Bronze Top	2,001.50	168.83
		For Vandal Proof Screws, Add	*11.00*	
		For Primer Tap, Add	*15.10*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	

22 13 19 13-0084 Floor Drain With Sediment Bucket Bottom Outlet *(22 13 19 13)*

22 13 19 13-0085	EA	12-5/8" Round Floor Drain With Sediment Bucket, 2" Bottom Outlet, Satin Bronze Top, Without Trap	2,979.33	123.38
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*247.00*	
		For Primer Tap, Add	*33.50*	
22 13 19 13-0086	EA	12-5/8" Round Floor Drain With Sediment Bucket, 3" Bottom Outlet, Satin Bronze Top, Without Trap	3,009.04	138.19
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*247.00*	
		For Primer Tap, Add	*33.50*	
22 13 19 13-0087	EA	12-5/8" Round Floor Drain With Sediment Bucket, 4" Bottom Outlet, Satin Bronze Top, Without Trap	3,038.51	152.99
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*247.00*	
		For Primer Tap, Add	*33.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0088	EA	12-5/8" Round Floor Drain With Sediment Bucket, 5" Bottom Outlet, Satin Bronze Top, Without Trap	3,070.18	168.83
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*247.00*	
		For Primer Tap, Add	*33.50*	
22 13 19 13-0089	EA	12-5/8" Round Floor Drain With Sediment Bucket, 6" Bottom Outlet, Satin Bronze Top, Without Trap	3,102.84	185.13
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*247.00*	
		For Primer Tap, Add	*33.50*	
22 13 19 13-0090	EA	12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Nikaloy Top, Heavy-Duty Loose-Set Cast Iron Grate	3,219.45	138.19
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
		For Aluminum Bucket, Add	*77.50*	
		For Primer Tap, Add	*31.00*	
22 13 19 13-0091	EA	12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Nikaloy Top, Heavy-Duty Loose-Set Cast Iron Grate	3,249.24	153.10
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
		For Aluminum Bucket, Add	*77.50*	
		For Primer Tap, Add	*31.00*	
22 13 19 13-0092	EA	12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Nikaloy Top, Heavy-Duty Loose-Set Cast Iron Grate	3,280.59	168.83
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
		For Aluminum Bucket, Add	*77.50*	
		For Primer Tap, Add	*31.00*	
22 13 19 13-0093	EA	12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Nikaloy Top, Heavy-Duty Loose-Set Cast Iron Grate	3,313.25	185.13
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
		For Aluminum Bucket, Add	*77.50*	
		For Primer Tap, Add	*31.00*	
22 13 19 13-0094	EA	12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Cast Iron Top, Heavy-Duty Loose-Set Cast Iron Grate	1,970.81	138.19
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
		For Aluminum Bucket, Add	*77.50*	
		For Primer Tap, Add	*31.00*	
22 13 19 13-0095	EA	12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Cast Iron Top, Heavy-Duty Loose-Set Cast Iron Grate	2,000.60	153.10
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
		For Aluminum Bucket, Add	*77.50*	
		For Primer Tap, Add	*31.00*	
22 13 19 13-0096	EA	12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Cast Iron Top, Heavy-Duty Loose-Set Cast Iron Grate	2,031.95	168.83
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
		For Aluminum Bucket, Add	*77.50*	
		For Primer Tap, Add	*31.00*	
22 13 19 13-0097	EA	12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Cast Iron Top, Heavy-Duty Loose-Set Cast Iron Grate	2,064.61	185.13
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
		For Aluminum Bucket, Add	*77.50*	
		For Primer Tap, Add	*31.00*	
22 13 19 13-0098	EA	12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Bronze Top, Heavy-Duty Loose-Set Cast Iron Grate	3,003.50	138.19
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
		For Aluminum Bucket, Add	*77.50*	
		For Primer Tap, Add	*31.00*	
22 13 19 13-0099	EA	12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Bronze Top, Heavy-Duty Loose-Set Cast Iron Grate	3,033.29	153.10
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
		For Aluminum Bucket, Add	*77.50*	
		For Primer Tap, Add	*31.00*	
22 13 19 13-0100	EA	12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Bronze Top, Heavy-Duty Loose-Set Cast Iron Grate	3,064.64	168.83
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
		For Aluminum Bucket, Add	*77.50*	
		For Primer Tap, Add	*31.00*	
22 13 19 13-0101	EA	12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Bronze Top, Heavy-Duty Loose-Set Cast Iron Grate	3,097.30	185.13
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
		For Aluminum Bucket, Add	*77.50*	
		For Primer Tap, Add	*31.00*	

22 13 19 13-0102 Other Drains *(22 13 19 13)*

22 13 19 13-0103 Shower Drains *(22 13 19 13-0102)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0104	EA	4-1/4" Stainless Steel Shower Drain Strainer Note: Includes two 2-5/8" screws.	54.64	12.47
22 13 19 13-0105	EA	4-1/4" Brass Shower Drain Strainer Note: Includes two 2-5/8" screws.	60.93	12.47
22 13 19 13-0106	EA	4" Diameter, Brass Shower Drain For Polyvinyl Chloride (PVC) Pipe Note: Fits over 2" polyvinyl chloride (PVC) pipe or inside 3" polyvinyl chloride (PVC) pipe.	125.46	24.93
22 13 19 13-0107	EA	4" Chrome Finish, Threaded Brass Shower Drain And Gasket Note: For 2" pipe. Kohler K-9132.	109.86	24.93
22 13 19 13-0108		**Acid Resistant Floor Drains** *(22 13 19 13-0102)*		
22 13 19 13-0109	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Acid Resistant Top	1,406.76	123.38
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Primer Tap, Add	*33.50*	
22 13 19 13-0110	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Acid Resistant Top	1,436.47	138.19
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Primer Tap, Add	*33.50*	
22 13 19 13-0111	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Acid Resistant Top	1,465.94	152.99
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Primer Tap, Add	*33.50*	
22 13 19 13-0112		**Rotary And Lever Drains** *(22 13 19 13-0102)*		
22 13 19 13-0113	EA	1-1/2" Drain, 3" Sink Opening Lever Drain	281.71	83.21
22 13 19 13-0114	EA	2" Drain, 3" Sink Opening Lever Drain	298.92	91.81
22 13 19 13-0115	EA	1-1/2" Drain, 3-1/2" Sink Opening Lever Drain	281.71	83.21
22 13 19 13-0116	EA	2" Drain, 3-1/2" Sink Opening Lever Drain	298.92	91.81
22 13 19 13-0117	EA	1-1/2" Drain, 3" Sink Opening Twist Drain	281.71	83.21
22 13 19 13-0118	EA	2" Drain, 3" Sink Opening Twist Drain	298.92	91.81
22 13 19 13-0119	EA	1-1/2" Drain, 3-1/2" Sink Opening Twist Drain	281.71	83.21
22 13 19 13-0120	EA	2" Drain, 3-1/2" Sink Opening Twist Drain	298.92	91.81
22 13 19 13-0121	EA	1-1/2" To 2" Drain, 3-1/2" Sink Opening Rotary Twist Drain (Fisher 16100)	387.87	91.81
22 13 19 13-0122		**Floor Receptor** *(22 13 19 13)*		
22 13 19 13-0123		**9" Diameter Round Shallow Receptor** *(22 13 19 13-0122)* Note: With slotted medium duty grate, aluminum secondary strainer and white acid resisting coated interior and top.		
22 13 19 13-0124	EA	9" Diameter x 3" Shallow Cast Iron Floor Receptor, 2" Drain Connection	1,727.36	138.30
		For Flange With Seepage Holes And Clamp Collar, Add	*97.00*	
		For Full Grate With 2" (50 mm) Square Center Opening, Add	*36.00*	
		For Flange With Seepage Holes, Add	*58.50*	
		For White Acid Resistant Bucket, Add	*47.00*	
		For Trap Primer Connection, Add	*38.00*	
		For Vandal Proof Secured Grate, Add	*33.50*	
		For Stainless Steel Liner For Bucket, Add	*62.50*	
22 13 19 13-0125	EA	9" Diameter x 3" Shallow Cast Iron Floor Receptor, 3" Drain Connection	1,757.29	153.22
		For Flange With Seepage Holes And Clamp Collar, Add	*97.00*	
		For Full Grate With 2" (50 mm) Square Center Opening, Add	*36.00*	
		For Flange With Seepage Holes, Add	*58.50*	
		For White Acid Resistant Bucket, Add	*47.00*	
		For Trap Primer Connection, Add	*38.00*	
		For Vandal Proof Secured Grate, Add	*33.50*	
		For Stainless Steel Liner For Bucket, Add	*62.50*	
22 13 19 13-0126	EA	9" Diameter x 3" Shallow Cast Iron Floor Receptor, 4" Drain Connection	1,788.32	168.83
		For Flange With Seepage Holes And Clamp Collar, Add	*97.00*	
		For Full Grate With 2" (50 mm) Square Center Opening, Add	*36.00*	
		For Flange With Seepage Holes, Add	*58.50*	
		For White Acid Resistant Bucket, Add	*47.00*	
		For Trap Primer Connection, Add	*38.00*	
		For Vandal Proof Secured Grate, Add	*33.50*	
		For Stainless Steel Liner For Bucket, Add	*62.50*	
22 13 19 13-0127		**Square Top Floor Receptors** *(22 13 19 13-0122)* Note: With acid resistant coating.		
22 13 19 13-0128	EA	8" x 8" Floor Drain With 1-1/2" Bottom Outlet, Acid Resistant Top	2,040.87	123.38
		For Flange With Seepage Holes And Clamp Collar, Add	*69.00*	
		For Trap Primer Connection, Add	*39.50*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*15.50*	
		For Stainless Steel Liner For Bucket, Add	*97.00*	
		For White Acid Resistant Bucket, Add	*88.00*	
		For Flange With Seepage Holes, Add	*37.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0129	EA	8" x 8" Floor Drain With 2" Bottom Outlet, Acid Resistant Top	2,070.61	138.30
		For Flange With Seepage Holes And Clamp Collar, Add	*69.00*	
		For Trap Primer Connection, Add	*39.50*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*15.50*	
		For Stainless Steel Liner For Bucket, Add	*97.00*	
		For White Acid Resistant Bucket, Add	*88.00*	
		For Flange With Seepage Holes, Add	*37.50*	
22 13 19 13-0130	EA	8" x 8" Floor Drain With 3" Bottom Outlet, Acid Resistant Top	2,099.95	152.99
		For Flange With Seepage Holes And Clamp Collar, Add	*69.00*	
		For Trap Primer Connection, Add	*39.50*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*15.50*	
		For Stainless Steel Liner For Bucket, Add	*97.00*	
		For White Acid Resistant Bucket, Add	*88.00*	
		For Flange With Seepage Holes, Add	*37.50*	
22 13 19 13-0131	EA	8" x 8" Floor Drain With 4" Bottom Outlet, Acid Resistant Top	2,131.62	168.83
		For Flange With Seepage Holes And Clamp Collar, Add	*69.00*	
		For Trap Primer Connection, Add	*39.50*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*15.50*	
		For Stainless Steel Liner For Bucket, Add	*97.00*	
		For White Acid Resistant Bucket, Add	*88.00*	
		For Flange With Seepage Holes, Add	*37.50*	

22 13 19 13-0132 Floor Drain Accessories *(22 13 19 13)*

22 13 19 13-0133	EA	3" Trap Guard Floor Drain Insert (ProVent TG3H) Note: Prevents emission of sewer gases.	117.89	14.35
22 13 19 13-0134	EA	2" Diameter, Trap Guard Drain Insert For Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG22) Note: Prevents emission of sewer gases.	95.59	14.35
22 13 19 13-0135	EA	3" Diameter, Trap Guard Drain Insert For Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG33) Note: Prevents emission of sewer gases.	104.51	14.35
22 13 19 13-0136	EA	3" Diameter, Trap Guard Drain Insert For 4" Diameter, Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG34IP) Note: Prevents emission of sewer gases.	126.81	14.35
22 13 19 13-0137	EA	3" Trap Guard Drain Insert For 4" Hub (ProVent TG34TP) Note: Prevents emission of sewer gases.	113.43	14.35
22 13 19 13-0138	EA	2" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-02) Note: Prevents emission of sewer gases.	162.73	14.35
22 13 19 13-0139	EA	3" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-03) Note: Prevents emission of sewer gases.	180.68	14.35
22 13 19 13-0140	EA	4" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-04) Note: Prevents emission of sewer gases.	225.21	14.35

22 13 19 26 Grease Removal Devices *(22 13 19)*

22 13 19 26-0001 Manual Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26)*

Note: Includes internal air relief, visible double wall trap, removable baffle, gasketed non-skid cover bearing PDI seal of approval and flow control fitting.

22 13 19 26-0002 Standard Manual Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26-0001)*

Note: Josam 60100H/60210A, Smith 8100/8400, Wade 5100, or Zurn Z1173/Z1170 series.

22 13 19 26-0003	EA	7 GPM, 14 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60102H.	1,378.21	86.08
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,330.56*	
22 13 19 26-0004	EA	10 GPM, 20 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60103H.	1,607.98	193.68
		For Flange And Clamp Device, Add	*389.28*	
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,407.12*	
22 13 19 26-0005	EA	15 GPM, 30 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60104H.	2,285.35	215.19
		For Flange And Clamp Device, Add	*403.63*	
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,537.12*	
22 13 19 26-0006	EA	20 GPM, 40 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60105H.	2,761.65	236.72
		For Flange And Clamp Device, Add	*417.98*	
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,661.68*	
22 13 19 26-0007	EA	25 GPM, 50 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60106H.	3,092.33	258.24
		For Flange And Clamp Device, Add	*462.72*	
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,731.51*	
22 13 19 26-0008	EA	35 GPM, 70 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60107H.	3,798.39	301.28
		For Flange And Clamp Device, Add	*502.61*	
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,907.04*	
22 13 19 26-0009	EA	50 GPM, 100 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60108H.	4,957.46	344.31
		For Flange And Clamp Device, Add	*572.27*	
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*2,035.52*	
22 13 19 26-0010	EA	75 GPM, 150 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60109H.	9,761.27	387.35
		For Flange And Clamp Device, Add	*802.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 26-0011	EA	100 GPM, 200 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60110H.	11,061.13	495.55
		For Flange And Clamp Device, Add	*938.37*	
22 13 19 26-0012	EA	150 GPM, 300 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60213A.	13,644.73	792.88
		For Flange And Clamp Device, Add	*1,296.58*	
22 13 19 26-0013	EA	200 GPM, 400 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60214A.	19,582.25	991.09
		For Flange And Clamp Device, Add	*1,558.01*	
22 13 19 26-0014	EA	250 GPM, 500 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60215A.	22,842.63	1,189.31
		For Flange And Clamp Device, Add	*2,003.12*	
22 13 19 26-0015	EA	350 GPM, 700 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60216A,.	29,683.05	1,387.53
		For Flange And Clamp Device, Add	*2,373.02*	
22 13 19 26-0016	EA	500 GPM, 1,000 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60217A.	38,405.57	1,585.75
		For Flange And Clamp Device, Add	*2,778.45*	
22 13 19 26-0017		**Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor** *(22 13 19 26-0001)* Note: Josam 60110A, Smith 8100, Wade 5100LR, or Zurn Z1171 series.		
22 13 19 26-0018	EA	20 GPM, 40 Lb. Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60115A.	3,981.96	236.72
22 13 19 26-0019	EA	35 GPM, 70 Lb. Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60117A.	5,122.71	301.28
22 13 19 26-0020	EA	50 GPM, 100 Lb. Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Smith 8150.	8,458.15	344.31
22 13 19 26-0021		**Semi-Automatic Cleaning Epoxy Coated Steel Grease Interceptor** *(22 13 19 26)* Note: Includes internal air relief, visible double wall trap, removable baffle, gasketed non-skid cover bearing PDI seal of approval, grease recovery cone, flexible hose, grease draw off valve and flow control fitting.		
22 13 19 26-0022		**Standard Semi-Automatic Cleaning Epoxy Coated Steel Grease Interceptor** *(22 13 19 26-0021)* Note: Josam 60100-SA, Smith 8300GTX, Wade 5100JCX, or Zurn Z1173-TD series.		
22 13 19 26-0023	EA	7 GPM, 14 Lb. Capacity Semi-Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60102-SA.	3,501.43	86.08
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,330.56*	
22 13 19 26-0024	EA	10 GPM, 20 Lb. Capacity Semi-Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60103-SA.	4,117.94	193.68
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,407.12*	
22 13 19 26-0025	EA	15 GPM, 30 Lb. Capacity Semi-Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60104-SA.	4,399.33	215.19
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,537.12*	
22 13 19 26-0026	EA	20 GPM, 40 Lb. Capacity Semi-Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60105-SA.	5,370.22	236.72
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,661.68*	
22 13 19 26-0027	EA	25 GPM, 50 Lb. Capacity Semi-Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60106-SA.	6,475.15	258.24
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,731.51*	
22 13 19 26-0028	EA	35 GPM, 70 Lb. Capacity Semi-Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60107-SA.	6,693.56	301.28
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,907.04*	
22 13 19 26-0029	EA	50 GPM, 100 Lb. Capacity Semi-Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60108-SA.	7,640.76	344.31
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*2,035.52*	
22 13 19 26-0030		**Low Profile Semi-Automatic Cleaning Epoxy Coated Steel Grease Interceptor** *(22 13 19 26-0021)* Note: Josam 60115A-SA, Smith 8100GTX, or Zurn Z1171-TD series.		
22 13 19 26-0031	EA	35 GPM, 70 Lb. Capacity Low Profile Semi-Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60115A-SA.	8,998.59	301.28
22 13 19 26-0032		**Automatic Cleaning Stainless Steel Grease Interceptor** *(22 13 19 26)*		
22 13 19 26-0033	EA	20 GPM, 69 Lb. Capacity Automatic Cleaning Stainless Steel Grease Interceptor Note: Includes stainless steel screen basket, plastic grease container with lid and control box with digital timer (Lowe Engineering 20 Greasestopper).	7,658.75	236.72
22 13 19 26-0034	EA	25 GPM, 91 Lb. Capacity Automatic Cleaning Stainless Steel Grease Interceptor Note: Includes stainless steel screen basket, plastic grease container with lid and control box with digital timer (Lowe Engineering 25 Greasestopper).	8,910.01	258.24
22 13 19 26-0035	EA	35 GPM, 70 Lb. Capacity, 110 Volt, Automatic Cleaning Stainless Steel Grease Trap/Removal Device (Guardian GGX35)	7,631.54	301.28
22 13 19 26-0036		**Precast Concrete Grease Interceptor** *(22 13 19 26)* Note: Includes two access manholes, cast iron non-skid surface, lift hole, frame and cover for heavy-traffic.		
22 13 19 26-0037	EA	1,000 Gallon Pre-Cast Grease Interceptor	5,693.23	453.82
22 13 19 26-0038	EA	1,250 Gallon Pre-Cast Grease Interceptor	6,508.11	453.82
22 13 19 26-0039	EA	1,500 Gallon Pre-Cast Grease Interceptor	7,386.90	518.82
22 13 19 26-0040	EA	2,000 Gallon Pre-Cast Grease Interceptor	8,418.53	732.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 26-0041	EA	2,500 Gallon Pre-Cast Grease Interceptor	9,492.73	985.81
22 13 19 26-0042	EA	4,000 Gallon Pre-Cast Grease Interceptor	14,222.23	1,296.99
22 13 19 26-0043	EA	5,000 Gallon Pre-Cast Grease Interceptor	18,299.33	2,126.88

22 13 19 26-0044 Coated Steel Manual Oil Interceptor *(22 13 19 26)*

Note: Includes internal air relief, and flow control fitting.

22 13 19 26-0045	EA	10 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	5,401.17	327.81
22 13 19 26-0046	EA	15 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	7,290.13	389.52
22 13 19 26-0047	EA	20 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	8,826.04	479.26
22 13 19 26-0048	EA	25 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	9,585.31	519.14
22 13 19 26-0049	EA	35 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	11,522.19	566.51
22 13 19 26-0050	EA	50 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	15,222.24	623.22
22 13 19 26-0051	EA	75 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	25,639.64	717.33
22 13 19 26-0052	EA	100 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	28,006.15	882.59
22 13 19 26-0053	EA	150 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	34,419.39	956.63
22 13 19 26-0054	EA	200 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	48,222.10	1,147.71
22 13 19 26-0055	EA	250 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	55,652.33	1,233.80
22 13 19 26-0056	EA	350 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	70,140.83	1,471.38
22 13 19 26-0057	EA	400 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	84,847.18	1,205.68
22 13 19 26-0058	EA	500 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	100,509.17	1,434.65

22 13 19 33 Backwater Valves *(22 13 19)*

22 13 19 33-0001 Cast Iron Body Terminal Backwater Valves *(22 13 19 33)*

22 13 19 33-0002	EA	2" Diameter, Cast Iron Body Terminal Backwater Valve	770.47	32.94
22 13 19 33-0003	EA	3" Diameter, Cast Iron Body Terminal Backwater Valve	783.09	41.43
22 13 19 33-0004	EA	4" Diameter, Cast Iron Body Terminal Backwater Valve	1,133.80	55.09
22 13 19 33-0005	EA	6" Diameter, Cast Iron Body Terminal Backwater Valve	3,121.41	78.28
22 13 19 33-0006	EA	8" Diameter, Cast Iron Body Terminal Backwater Valve	3,810.59	103.02
22 13 19 33-0007	EA	10" Diameter, Cast Iron Body Terminal Backwater Valve	11,179.36	127.09
22 13 19 33-0008	EA	12" Diameter, Cast Iron Body Terminal Backwater Valve	12,645.60	164.84

22 13 19 33-0009 Cast Iron Backwater Sewer Line Valve *(22 13 19 33)*

Note: Offset type with bronze swing check assembly, threaded bronze cover, and bell and spigot connections.

22 13 19 33-0010	EA	2" Diameter, Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	1,885.65	78.53
22 13 19 33-0011	EA	3" Diameter, Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	2,901.52	95.26
22 13 19 33-0012	EA	4" Diameter, Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	3,582.95	122.81
22 13 19 33-0013	EA	6" Diameter, Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	5,077.56	142.22
22 13 19 33-0014	EA	8" Diameter, Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	7,072.20	168.53

22 13 19 33-0015 Cast Iron, Straight Through Shear Gate, Swing Check Backwater Valve *(22 13 19 33)*

Note: Offset type with bronze, manually operated shear gate, non-rising stem, and bell and spigot connections.

22 13 19 33-0016	EA	3" Diameter, Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	5,267.35	124.30
22 13 19 33-0017	EA	4" Diameter, Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	5,328.86	165.27
22 13 19 33-0018	EA	5" Diameter, Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	7,798.01	210.63
22 13 19 33-0019	EA	6" Diameter, Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	7,834.63	234.82

22 13 19 33-0020 Polyvinyl Chloride (PVC) Backwater Sewer Line Valve *(22 13 19 33)*

Note: Oatey.

22 13 19 33-0021	EA	3" Diameter, Polyvinyl Chloride (PVC) Backwater Sewer Valve (Oatey 43900)	149.32	41.43
22 13 19 33-0022	EA	4" Diameter, Polyvinyl Chloride (PVC) Backwater Sewer Valve (Oatey 43904)	178.79	55.09
22 13 19 33-0023	EA	6" Diameter, Polyvinyl Chloride (PVC) Backwater Sewer Valve (Oatey 43908)	527.37	78.28

22 13 19 33-0024 Polyvinyl Chloride (PVC) Extendable Backwater Valves *(22 13 19 33)*

22 13 19 33-0025	EA	3" Diameter, Polyvinyl Chloride (PVC) Extendable Backwater Sewer Valve (Rectorseal Clean Check) Note: Includes valve body, flapper assembly and collar.	352.23	82.86
22 13 19 33-0026	EA	4" Diameter, Polyvinyl Chloride (PVC) Extendable Backwater Sewer Valve (Rectorseal Clean Check) Note: Includes valve body, flapper assembly and collar.	469.04	110.18
22 13 19 33-0027	EA	6" Diameter, Polyvinyl Chloride (PVC) Extendable Backwater Sewer Valve (Rectorseal Clean Check) Note: Includes valve body, flapper assembly and collar.	816.38	156.54

22 13 19 36 Air-Admittance Valves *(22 13 19)*

22 13 19 36-0001 Acrylonitrile Butadiene Styrene (ABS) And Polyvinyl Chloride (PVC) Automatic Drain Vent *(22 13 19 36)*

22 13 19 36-0002	EA	1-1/4", 1-1/2" And 2" Acrylonitrile Butadiene Styrene (ABS) Or Polyvinyl Chloride (PVC) Automatic Drain Vent, Mini Vent	171.85	16.07
22 13 19 36-0003	EA	2", 3" And 4" Acrylonitrile Butadiene Styrene (ABS) Or Polyvinyl Chloride (PVC) Automatic Drain Vent, Maxi Vent	204.06	16.07

22 13 23 Sanitary Waste Interceptors *(22 13)*

22 13 23 00-0001 Sediment Bucket Solids Interceptors *(22 13 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 23 00-0002	EA	1-1/2" Or 2" Top Access, 15 GPM, Composite With Removable PVC Sediment Bucket Solids Interceptor (Zurn 1180) Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	1,357.29	162.52
22 13 23 00-0003	EA	1-1/2" Or 2" Bottom Access, 15 GPM, Composite With Removable PVC Sediment Bucket Solids Interceptor (Zurn 1184) Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	1,358.98	162.52
22 13 23 00-0004	EA	1-1/2" Or 2" Top Access, Acid Resistant Coated Steel (Inside And Outside), Aluminum Cover, Removable Stainless Steel Sediment Bucket Solids Interceptor (Jay R. Smith 8714 ARIO) Note: On floor mount. Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	1,911.56	162.52
22 13 23 00-0005	EA	1-1/2" Or 2" Bottom Access, 15 GPM, Acid Resistant Coated Cast Iron, Aluminum Strainer, Removable Stainless Steel Screens, Sediment Bucket Solids Interceptor (Jay R. Smith 8730-ARIO) Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	1,911.56	162.52
22 13 23 00-0006	EA	1-1/2" Or 2" Top Access, Acid Resistant Coated Cast Aluminum (Inside And Outside) Removable Stainless Steel Screen, Sediment Bucket Solids Interceptor (Josam 61030) Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	2,036.66	162.52
22 13 23 00-0007		**Solid Interceptors, Cast Iron With Internal Deep Seal Trap** *(22 13 23)*		
22 13 23 00-0008	EA	1-1/2" Inlet Cast Iron Solid Interceptor, Painted Enamel	333.73	55.59
		For Stainless Steel Bucket, Add	*175.00*	
22 13 23 00-0009	EA	2" Inlet Cast Iron Solid Interceptor, Painted Enamel	340.84	59.21
		For Stainless Steel Bucket, Add	*175.00*	
22 13 23 00-0010		**Sediment Strainers** *(22 13 23)*		
22 13 23 00-0011	EA	2" Strainer, Pump Suction Side	199.89	75.78

22 13 29 Sanitary Sewerage Pumps *(22 13)*

Note: Includes extra set of gaskets, bearings and seals.

22 13 29 13 Wet-Pit-Mounted, Vertical Sewerage Pumps *(22 13 29)*

22 13 29 13-0001		**Vertical Column, Flanged Discharge, Non-Clog Sump Or Drainage Pumps (Crane-Deming Series 4500)** *(22 13 29 13)* Note: Mounted on steel support plate. Excludes float and float switch, and sump cover See CSI section 22 13 29 13-0030 for float and float switch, 22 13 29 13-0034 for sump cover.		
22 13 29 13-0002		**1-1/2" Solids 1,750 RPM Vertical Sump Or Drainage Pumps** *(22 13 29 13-0001)*		
22 13 29 13-0003	EA	1/2 HP, Up To 75 GPM Sump Or Drainage Pump, Vertical Non-Clog, 2-1/2" Diameter, Discharge Pipe, 1,750 RPM	7,913.40	1,376.80
22 13 29 13-0004	EA	3/4 HP, Up To 125 GPM Sump Or Drainage Pump, Vertical Non-Clog, 2-1/2" Diameter, Discharge Pipe, 1,750 RPM	8,230.55	1,376.80
22 13 29 13-0005	EA	1 HP, Up To 150 GPM Sump Or Drainage Pump, Vertical Non-Clog, 2-1/2" Diameter, Discharge Pipe, 1,750 RPM	8,547.70	1,376.80
22 13 29 13-0006	EA	1-1/2 HP, Up To 150 GPM Sump Or Drainage Pump, Vertical Non-Clog, 2-1/2" Diameter, Discharge Pipe, 1,750 RPM	8,850.21	1,376.80
22 13 29 13-0007		**2" Solids 1,750 RPM Vertical Sump Or Drainage Pumps** *(22 13 29 13-0001)*		
22 13 29 13-0008	EA	3/4 HP, Up To 75 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Diameter, Discharge Pipe, 1,750 RPM	8,791.66	1,376.80
22 13 29 13-0009	EA	1 HP, Up To 100 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Diameter, Discharge Pipe, 1,750 RPM	8,913.64	1,376.80
22 13 29 13-0010	EA	2 HP, Up To 200 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Diameter, Discharge Pipe, 1,750 RPM	8,999.03	1,376.80
22 13 29 13-0011	EA	3 HP, Up To 300 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Diameter, Discharge Pipe, 1,750 RPM	9,584.53	1,376.80
22 13 29 13-0012	EA	5 HP, Up To 400 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Diameter, Discharge Pipe, 1,750 RPM	10,157.84	1,376.80
22 13 29 13-0013	EA	7-1/2 HP, Up To 500 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Diameter, Discharge Pipe, 1,750 RPM	11,036.09	1,376.80
22 13 29 13-0014	EA	10 HP, Up To 600 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Diameter, Discharge Pipe, 1,750 RPM	11,914.35	1,376.80
22 13 29 13-0015	EA	15 HP, Up To 600 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Diameter, Discharge Pipe, 1,750 RPM	13,703.44	1,832.22
22 13 29 13-0016		**3" Solids 1,750 RPM Vertical Sump Or Drainage Pumps** *(22 13 29 13-0001)*		
22 13 29 13-0017	EA	2 HP, Up To 300 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Diameter, Discharge Pipe, 1,750 RPM	9,402.86	1,376.80
22 13 29 13-0018	EA	3 HP, Up To 400 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Diameter, Discharge Pipe, 1,750 RPM	9,402.86	1,376.80
22 13 29 13-0019	EA	5 HP, Up To 500 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Diameter, Discharge Pipe, 1,750 RPM	9,614.19	1,376.80
22 13 29 13-0020	EA	7-1/2 HP, Up To 700 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Diameter, Discharge Pipe, 1,750 RPM	11,253.99	1,376.80
22 13 29 13-0021	EA	10 HP, Up To 800 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Diameter, Discharge Pipe, 1,750 RPM	11,541.64	1,376.80
22 13 29 13-0022	EA	15 HP, Up To 900 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Diameter, Discharge Pipe, 1,750 RPM	13,804.63	1,832.22
22 13 29 13-0023	EA	20 HP, Up To 900 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Diameter, Discharge Pipe, 1,750 RPM	14,536.51	1,832.22
22 13 29 13-0024		**Extra Column Assemblies Addition, 5' Or Less** *(22 13 29 13-0001)*		
22 13 29 13-0025	EA	2-1/2" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	544.22	
22 13 29 13-0026	EA	3" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	653.44	
22 13 29 13-0027	EA	4" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	730.37	
22 13 29 13-0028	EA	5" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	743.67	
22 13 29 13-0029	EA	6" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	834.84	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 13-0030		**Float Switches** *(22 13 29 13-0001)*		
		Note: Copper coated floats, brass rods and stops and switch brackets.		
22 13 29 13-0031	EA	Float Switch Copper Coated Float, Add, General Purpose For vertical sewage pumps	489.13	
22 13 29 13-0032	EA	Float Switch Copper Coated Float, Add, Weather Proof For vertical sewage pumps	513.82	
22 13 29 13-0033	EA	Float Switch Copper Coated Float, Add, Explosion Proof For vertical sewage pumps	525.22	
22 13 29 13-0034		**Square Or Round Steel Sump Covers** *(22 13 29 13-0001)*		
22 13 29 13-0035	EA	24" Steel Sump Covers, Square Or Round	787.36	45.91
22 13 29 13-0036	EA	30" Steel Sump Covers, Square Or Round	871.72	51.65
22 13 29 13-0037	EA	36" Steel Sump Covers, Square Or Round	1,209.28	68.86
22 13 29 13-0038	EA	40" Steel Sump Covers, Square Or Round	1,752.67	80.34
22 13 29 13-0039	EA	42" Steel Sump Covers, Square Or Round	1,878.62	83.21
22 13 29 13-0040	EA	48" Steel Sump Covers, Square Or Round	2,008.50	86.08
22 13 29 13-0041	EA	54" Steel Sump Covers, Square Or Round	2,557.82	103.29
22 13 29 13-0042	EA	60" Steel Sump Covers, Square Or Round	3,461.95	114.77
22 13 29 13-0043	EA	72" Steel Sump Covers, Square Or Round	4,390.14	143.47
22 13 29 13-0044	EA	84" Steel Sump Covers, Square Or Round	5,577.86	157.81
22 13 29 16		**Submersible Sewerage Pumps** *(22 13 29)*		
22 13 29 16-0001		**Submersible Sewage Pumps With Vortex Impeller** *(22 13 29 16)*		
22 13 29 16-0002		**Submersible Single Seal Sewage Pumps With Cast Iron Vortex Impeller** *(22 13 29 16-0001)*		
		Note: Includes 25' cord.		
22 13 29 16-0003	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,590.96	83.51
22 13 29 16-0004	EA	1/2 HP Automatic Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,696.77	83.51
22 13 29 16-0005	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,664.21	83.51
22 13 29 16-0006	EA	1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,820.22	83.51
22 13 29 16-0007	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,820.22	83.51
22 13 29 16-0008	EA	1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,923.25	104.39
22 13 29 16-0009	EA	1 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	2,061.62	104.39
22 13 29 16-0010	EA	1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	2,079.26	104.39
22 13 29 16-0011		**Submersible Single Seal Sewage Pumps With Bronze Vortex Impeller** *(22 13 29 16-0001)*		
		Note: Includes 20' cord.		
22 13 29 16-0012	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,620.80	83.51
22 13 29 16-0013	EA	1/2 HP Automatic Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,772.74	83.51
22 13 29 16-0014	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,700.84	83.51
22 13 29 16-0015	EA	1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,847.35	83.51
22 13 29 16-0016	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,978.94	83.51
22 13 29 16-0017	EA	1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,839.14	104.39
22 13 29 16-0018	EA	1 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,996.51	104.39
22 13 29 16-0019	EA	1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,995.15	104.39
22 13 29 16-0020	EA	1-1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,279.80	168.27
22 13 29 16-0021	EA	1-1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,412.74	168.27
22 13 29 16-0022	EA	1-1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,435.80	168.27
22 13 29 16-0023	EA	2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,435.64	205.67
22 13 29 16-0024	EA	2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,587.58	205.67
22 13 29 16-0025	EA	2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,591.65	205.67
22 13 29 16-0026		**Submersible Double Seal Sewage Pumps With Bronze Vortex Impeller** *(22 13 29 16-0001)*		
		Note: Includes 20' cord.		
22 13 29 16-0027	EA	1/2 HP Manual Submersible Double Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,924.68	83.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 16-0028	EA	1/2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,182.44	83.51
22 13 29 16-0029	EA	1 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron And Bronze Impeller	2,128.10	104.39
22 13 29 16-0030	EA	1 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron And Bronze Impeller	2,284.11	104.39
22 13 29 16-0031	EA	1-1/2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,590.46	168.27
22 13 29 16-0032	EA	1-1/2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,746.47	168.27
22 13 29 16-0033	EA	2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,747.66	205.67
22 13 29 16-0034	EA	2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,903.66	205.67
22 13 29 16-0035		**Submersible Sewage Pumps With Semi-Open Impeller** *(22 13 29 16)*		
		Note: Includes 25' of cord with pump.		
22 13 29 16-0036	EA	1 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	5,717.91	104.39
22 13 29 16-0037	EA	1.5 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	6,084.99	179.54
22 13 29 16-0038	EA	2 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	6,496.31	219.43
22 13 29 16-0039	EA	3 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	6,773.01	265.98
22 13 29 16-0040	EA	5 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	7,592.75	312.53
22 13 29 16-0041	EA	7.5 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Ironl Housing And Semi-Open Impeller	8,476.03	359.07
22 13 29 16-0042		**Submersible Sewage Pumps, Explosion Proof** *(22 13 29 16)*		
		Note: Includes 25' of cord with pump.		
22 13 29 16-0043	EA	1 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	8,509.09	374.07
22 13 29 16-0044	EA	1 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,839.56	374.07
22 13 29 16-0045	EA	1 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,839.56	374.07
22 13 29 16-0046	EA	1.5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	8,886.79	498.76
22 13 29 16-0047	EA	1.5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	8,217.26	498.76
22 13 29 16-0048	EA	1.5 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	8,217.26	498.76
22 13 29 16-0049	EA	2 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	9,402.60	623.45
22 13 29 16-0050	EA	2 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	8,733.07	623.45
22 13 29 16-0051	EA	2 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	8,733.07	623.45
22 13 29 16-0052	EA	3 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	9,788.66	748.14
22 13 29 16-0053	EA	3 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	9,119.14	748.14
22 13 29 16-0054	EA	3 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	9,119.14	748.14
22 13 29 16-0055	EA	5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	10,798.24	872.83
22 13 29 16-0056	EA	5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	10,128.71	872.83
22 13 29 16-0057	EA	5 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	10,128.71	872.83
22 13 29 16-0058	EA	7.5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	11,153.64	997.52
22 13 29 16-0059	EA	7.5 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	11,153.64	997.52
22 13 29 16-0060		**Submersible Sewage Pump Accessories** *(22 13 29 16)*		
22 13 29 16-0061	EA	Simplex Plug In Pump Control Panel with Alarm Float Only, 115 Volt, 1 Phase, 0-15 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump Note: Includes alarm horn, warning light and alarm float switch.	783.59	98.22
22 13 29 16-0062	EA	Simplex Plug In Pump Control Panel with Alarm Float Only, 230 Volt, 1 Phase, 0-15 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump Note: Includes alarm horn, warning light, and alarm float switch.	809.51	98.22
22 13 29 16-0063	EA	Simplex Control Panel With 3 Floats, 115/208/230 Volt, 1 Phase, 0-20 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump Note: Includes alarm horn, warning light, HOA switch and three 20' control float switches.	1,599.53	130.96
22 13 29 16-0064	EA	Simplex Control Panel 208/230/460 Volt, 3 Phase, 1-23 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump Note: Includes alarm horn and warning light. Control float switches not included.	2,263.16	130.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 16-0065	EA	Simplex Intrinsically Safe Control Panel, 230 Volt, 1 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors Note: Includes alarm horn and warning light. Control float switches not included.	5,380.55	130.96
22 13 29 16-0066	EA	Simplex Intrinsically Safe Control Panel, 200/230/460 Volt, 3 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors Note: Includes alarm horn and warning light. Control float switches not included.	5,630.70	130.96
22 13 29 16-0067	EA	Duplex Intrinsically Safe Control Panel, 230 Volt, 1 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors Note: Includes alarm horn and warning light. Control float switches not included.	9,009.69	163.70
22 13 29 16-0068	EA	Duplex Intrinsically Safe Control Panel, 200/230/460 Volt, 3 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors Note: Includes alarm horn and warning light. Control float switches not included.	7,586.66	163.70
22 13 29 16-0069	EA	Electrical Alternator Duplex Control Panel with 3 Floats, 115 Volt, 1 Phase, 7-20 Amperes Range, Indoor NEMA 1 Enclosure For Submersible Sewage Pumps Note: Includes alarm horn, warning light, and three 20' float switches.	1,772.60	163.70
22 13 29 16-0070	EA	Electrical Alternator Duplex Control Panel With 3 Floats, 115 Volt, 1 Phase, 7-20 Amperes Range, Indoor NEMA 4X Enclosure For Submersible Sewage Pumps Note: Includes alarm horn, warning light, and three 20' float switches.	1,954.05	163.70
22 13 29 16-0071	EA	Electrical Alternator Duplex Control Panel With 3 Floats, 115/200/230 Volt, 1 Phase, 0-20 Amperes, Indoor NEMA 1 Enclosure For Submersible Sewage Pumps Note: Includes alarm horn, warning light, and three 20' float switches.	1,874.99	163.70
22 13 29 16-0072	EA	Electrical Alternator Duplex Control Panel With 3 Floats, 115/200/230 Volt, 1 Phase, 0-30 Amperes Range, Indoor NEMA 4X Enclosure For Submersible Sewage Pumps Note: Includes alarm horn, warning light, and three 20' float switches.	2,038.52	163.70
22 13 29 16-0073	EA	Electrical Alternator Duplex Control Panel, 200/230/460 Volt, 3 Phase, 1-25 Amperes Range, Indoor/Outdoor NEMA 4X Enclosure For Submersible Sewage Pumps Note: Includes alarm horn and warning light. Float switches not included.	3,499.19	163.70
22 13 29 16-0074	EA	Alarm System, 115 Volt, Indoor/Outdoor 4X Enclosure Note: Includes alarm horn, warning light and 15' tethered float.	650.72	65.48
22 13 29 16-0075	EA	Variable Level (Clamp Type) Float Switch With 15' Cord Note: Not for use with Intrinsically Safe Control Systems.	122.51	32.74
22 13 29 16-0076	EA	Variable Level (Clamp Type) Float Switch With 15' Cord For Intrinsically Safe Control Systems Only	149.62	32.74
22 13 29 16-0077	EA	Variable Level (Adjustable Weight Type) Float Switch With 25' Cord Note: Not for use with Intrinsically Safe Control Systems.	157.35	32.74
22 13 29 16-0078	EA	Variable Level (Adjustable Weight Type) Float Switch With 25' Cord For Intrinsically Safe Control Systems Only	168.70	32.74
22 13 29 16-0079	EA	Float Switch Tree With (3) 15' Floats Note: Not for use with Intrinsically Safe Control Systems.	474.05	32.74
22 13 29 16-0080	EA	Float Switch Tree And (3) Floats With 15' Cords For Intrinsically Safe Control Systems Only	552.13	32.74
22 13 29 16-0081	EA	Float Switch Tree And (4) Floats With 15' Cords Note: Not for use with Intrinsically Safe Control Systems.	527.99	32.74
22 13 29 16-0082	EA	Float Switch Tree And (4) Floats With 15' Cords For Intrinsically Safe Control Systems Only	629.76	32.74
22 13 29 16-0083	EA	Float Switch Tree Note: Tree only.	251.77	32.74
22 13 29 16-0084	EA	Adjustable Weight For Float Switch	66.91	16.37
22 13 29 16-0085	EA	Rail And Disconnect System, Stainless Steel, For 2" Horizontal Discharge Note: Lifting equipment not included.	1,334.18	98.22
22 13 29 16-0086	EA	Rail And Disconnect System, Stainless Steel, For 3" Horizontal Discharge Note: Lifting equipment not included.	2,093.09	130.96
22 13 29 16-0087	EA	Rail And Disconnect System, Stainless Steel, For 4" Horizontal Discharge Note: Lifting equipment not included.	2,734.35	163.70
22 13 29 16-0088	EA	Rail And Disconnect System, Stainless Steel Non-Spearking, For 3" Horizontal Discharge	3,074.72	98.22
22 13 29 16-0089	EA	Rail And Disconnect System, Stainless Steel Non-Spearking, For 4" Horizontal Discharge	4,353.04	98.22
22 13 29 16-0090	EA	Intermediate Guide Rail Bracket, Stainless Steel, For 2" Rail System	381.77	65.48
22 13 29 16-0091	EA	Intermediate Guide Rail Bracket, Stainless Steel, For 3" Rail Systems	674.76	81.85
22 13 29 16-0092	EA	Intermediate Guide Rail Bracket, Stainless Steel, For 4" Rail Systems	675.14	98.22
22 13 29 16-0093	EA	12' Stainless Steel Lifting Cable	188.19	32.74
22 13 29 16-0094	EA	Disconnect Fitting For 2" Horizontal Discharge Note: Used for shallow systems where guide rails are not necessary.	374.28	32.74

22 13 29 33 Sewerage Pump Basins and Pits *(22 13 29)*

22 13 29 33-0001 Sewage Sump Pump Basin *(22 13 29 33)*

22 13 29 33-0002 High-Density Polyethylene (HDPE) Basin *(22 13 29 33-0001)*

22 13 29 33-0003	EA	18" Diameter x 24" High, High-Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	164.65	
22 13 29 33-0004	EA	18" Diameter x 30" High, High-Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	214.16	
22 13 29 33-0005	EA	24" Diameter x 30" High, High-Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	495.63	
22 13 29 33-0006	EA	24" Diameter x 36" High, High-Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	698.33	
22 13 29 33-0007	EA	30" Diameter x 36" High, High-Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	901.03	
22 13 29 33-0008	EA	36" Diameter x 36" High, High-Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	1,049.02	

22 13 29 33-0009 Fiberglass Basin *(22 13 29 33-0001)*

22 13 29 33-0010	EA	18" Diameter x 30" High Fiberglass Basin And Lid With Inlet And Hub	349.33	
22 13 29 33-0011	EA	24" Diameter x 30" High Fiberglass Basin And Lid With Inlet And Hub	703.43	
22 13 29 33-0012	EA	30" Diameter x 36" High Fiberglass Basin And Lid With Inlet And Hub	1,258.23	
22 13 29 33-0013	EA	36" Diameter x 36" High Fiberglass Basin And Lid With Inlet And Hub	1,691.14	
22 13 29 33-0014	EA	36" Diameter x 48" High Fiberglass Basin And Lid With Inlet And Hub	1,947.80	
22 13 29 33-0015	EA	36" Diameter x 60" High Fiberglass Basin And Lid With Inlet And Hub	2,057.22	
22 13 29 33-0016	EA	36" Diameter x 72" High Fiberglass Basin And Lid With Inlet And Hub	2,415.48	
22 13 29 33-0017	EA	48" Diameter x 48" High Fiberglass Basin And Lid With Inlet And Hub	2,804.38	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 14 Facility Storm Drainage *(22 10)*

22 14 13 Facility Storm Drainage Piping *(22 14)*

See CSI section 22 13 16 00-0000 for storm drainage piping.

22 14 26 Facility Storm Drains *(22 14)*

22 14 26 13 Roof Drains *(22 14 26)*

22 14 26 13-0001 Cast Iron Roof Drains *(22 14 26 13)*

22 14 26 13-0002 Cast Iron Roof Drains With Large Polypropylene Dome *(22 14 26 13-0001)*

Note: Dome free area is 124 square inches.

22 14 26 13-0003	EA	15" Diameter Cast Iron Roof Drain With 2" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,021.45	191.32
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
		For Bronze Dome, Add	*448.80*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Galvanized Iron Parts, Add	*518.00*	
		For Drain Receiver, Add	*147.00*	
22 14 26 13-0004	EA	15" Diameter Cast Iron Roof Drain With 3" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,117.09	229.54
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
		For Bronze Dome, Add	*448.80*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Galvanized Iron Parts, Add	*518.00*	
		For Drain Receiver, Add	*147.00*	
22 14 26 13-0005	EA	15" Diameter Cast Iron Roof Drain With 4" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,212.74	286.93
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
		For Bronze Dome, Add	*448.80*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Galvanized Iron Parts, Add	*518.00*	
		For Drain Receiver, Add	*147.00*	
22 14 26 13-0006	EA	15" Diameter Cast Iron Roof Drain With 5" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,630.64	344.31
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
		For Bronze Dome, Add	*448.80*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Galvanized Iron Parts, Add	*518.00*	
		For Drain Receiver, Add	*147.00*	
22 14 26 13-0007	EA	15" Diameter Cast Iron Roof Drain With 6" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,678.45	382.53
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
		For Bronze Dome, Add	*448.80*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Galvanized Iron Parts, Add	*518.00*	
		For Drain Receiver, Add	*147.00*	
22 14 26 13-0008	EA	15" Diameter Cast Iron Roof Drain With 8" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,989.04	401.70
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
		For Bronze Dome, Add	*448.80*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Galvanized Iron Parts, Add	*518.00*	
		For Drain Receiver, Add	*147.00*	
22 14 26 13-0009	EA	15" Diameter Cast Iron Roof Drain With 10" Outlet, 124 Square Inch Free Area Polypropylene Dome	2,702.68	416.05
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
		For Bronze Dome, Add	*448.80*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Galvanized Iron Parts, Add	*518.00*	
		For Drain Receiver, Add	*147.00*	

22 14 26 13-0010 Cast Iron Roof Drains With Expansion Joint *(22 14 26 13-0001)*

Note: With polypropylene dome. Dome free area is 124 square inches.

22 14 26 13-0011	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 2" Outlet, Polypropylene Dome	1,590.65	191.32
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
		For Galvanized Iron Parts, Add	*518.00*	
22 14 26 13-0012	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 3" Outlet, Polypropylene Dome	1,726.05	229.54
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
		For Galvanized Iron Parts, Add	*518.00*	
22 14 26 13-0013	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 4" Outlet, Polypropylene Dome	1,899.13	286.93
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
		For Galvanized Iron Parts, Add	*518.00*	
22 14 26 13-0014	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 5" Outlet, Polypropylene Dome	2,628.83	344.31
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
		For Galvanized Iron Parts, Add	*518.00*	
22 14 26 13-0015	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 6" Outlet, Polypropylene Dome	2,821.03	382.53
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
		For Galvanized Iron Parts, Add	*518.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0016		**Cast Iron Roof Drains With Flat Bronze Promenade Top** *(22 14 26 13-0001)*		
22 14 26 13-0017	EA	14" x 14" Cast Iron Roof Drain With 2" Outlet, Bronze Promenade Top	2,206.99	191.32
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0018	EA	14" x 14" Cast Iron Roof Drain With 3" Outlet, Bronze Promenade Top	2,302.63	229.54
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0019	EA	14" x 14" Cast Iron Roof Drain With 4" Outlet, Bronze Promenade Top	2,398.28	286.93
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0020	EA	14" x 14" Cast Iron Roof Drain With 5" Outlet, Bronze Promenade Top	2,798.62	344.31
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0021	EA	14" x 14" Cast Iron Roof Drain With 6" Outlet, Bronze Promenade Top	2,846.43	382.53
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0022		**Cast Iron Scupper Drain With L-Shaped Bronze Grate** *(22 14 26 13-0001)*		
22 14 26 13-0023	EA	Cast Iron Scupper Drain With 2" Outlet, L-Shaped Bronze Grate	1,430.78	76.55
		For Vandal Proof Grate, Add	*33.00*	
		For Galvanized Cast Iron Parts, Add	*128.00*	
22 14 26 13-0024	EA	Cast Iron Scupper Drain With 3" Outlet, L-Shaped Bronze Grate	1,469.04	95.60
		For Vandal Proof Grate, Add	*33.00*	
		For Galvanized Cast Iron Parts, Add	*128.00*	
22 14 26 13-0025	EA	Cast Iron Scupper Drain With 4" Outlet, L-Shaped Bronze Grate	1,486.43	104.33
		For Vandal Proof Grate, Add	*33.00*	
		For Galvanized Cast Iron Parts, Add	*128.00*	
22 14 26 13-0026	EA	Cast Iron Scupper Drain With 5" Outlet, L-Shaped Bronze Grate	2,092.20	138.30
		For Galvanized Iron Parts, Add	*258.00*	
		For Vandal Proof Grate, Add	*33.00*	
22 14 26 13-0027	EA	Cast Iron Scupper Drain With 6" Outlet, L-Shaped Bronze Grate	2,153.21	168.83
		For Galvanized Iron Parts, Add	*258.00*	
		For Vandal Proof Grate, Add	*33.00*	
22 14 26 13-0028		**Cast Iron Roof Drain With Flat Cast Iron Grate** *(22 14 26 13-0001)*		
22 14 26 13-0029	EA	9" x 9" Cast Iron Roof Drain With 2" Outlet, Cast Iron Promenade Top	1,122.44	191.32
		For Galvanized Iron Parts, Add	*144.00*	
		For Deck Clamp Assembly, Add	*80.40*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*93.60*	
22 14 26 13-0030	EA	9" x 9" Cast Iron Roof Drain With 3" Outlet, Cast Iron Promenade Top	1,218.08	229.54
		For Galvanized Iron Parts, Add	*144.00*	
		For Deck Clamp Assembly, Add	*80.40*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*93.60*	
22 14 26 13-0031	EA	9" x 9" Cast Iron Roof Drain With 4" Outlet, Cast Iron Promenade Top	1,313.73	286.93
		For Galvanized Iron Parts, Add	*144.00*	
		For Deck Clamp Assembly, Add	*80.40*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*93.60*	
22 14 26 13-0032		**Cast Iron Roof Drains With Large Cast Iron Dome** *(22 14 26 13-0001)*		
22 14 26 13-0033	EA	15" Diameter Cast Iron Roof Drain With 2" Outlet, Cast Iron Dome	1,210.25	191.32
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0034	EA	15" Diameter Cast Iron Roof Drain With 3" Outlet, Cast Iron Dome	1,305.89	229.54
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0035	EA	15" Diameter Cast Iron Roof Drain With 4" Outlet, Cast Iron Dome	1,401.54	286.93
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0036	EA	15" Diameter Cast Iron Roof Drain With 5" Outlet, Cast Iron Dome	1,819.45	344.31
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0037	EA	15" Diameter Cast Iron Roof Drain With 6" Outlet, Cast Iron Dome	1,867.26	382.53
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0038	EA	15" Diameter Cast Iron Roof Drain With 8" Outlet, Cast Iron Dome	2,177.85	401.70
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0039	EA	15" Diameter Cast Iron Roof Drain With 10" Outlet, Cast Iron Dome	2,891.49	416.05
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0040		Aluminum Roof Drains *(22 14 26 13)*		
22 14 26 13-0041		Aluminum Dome Roof Drains *(22 14 26 13-0040)*		
22 14 26 13-0042	EA	15" Diameter Roof Drain With 2" Outlet, Aluminum Dome	1,243.19	191.32
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0043	EA	15" Diameter Roof Drain With 3" Outlet, Aluminum Dome	1,338.83	229.54
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0044	EA	15" Diameter Roof Drain With 4" Outlet, Aluminum Dome	1,434.48	286.93
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0045	EA	15" Diameter Roof Drain With 6" Outlet, Aluminum Dome	1,900.19	382.19
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0046	EA	15" Diameter Roof Drain With 8" Outlet, Aluminum Dome	2,211.01	401.70
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0047	EA	15" Diameter Roof Drain With 10" Outlet, Aluminum Dome	2,924.42	416.05
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0048		Retrofit Roof Drains *(22 14 26 13)*		
22 14 26 13-0049		Retrofit Copolymer Roof Drains With Copolymer Strainer Dome *(22 14 26 13-0048)*		
22 14 26 13-0050	EA	Copolymer Retrofit 3" Roof Drains, With Copolymer Dome	891.44	229.54
22 14 26 13-0051	EA	Copolymer Retrofit 4" Roof Drains, With Copolymer Dome	1,002.98	286.93
22 14 26 13-0052	EA	Copolymer Retrofit 5" Roof Drains, With Copolymer Dome	1,210.03	344.31
22 14 26 13-0053	EA	Copolymer Retrofit 6" Roof Drains, With Copolymer Dome	1,321.41	382.19
22 14 26 13-0054		Retrofit Copolymer Roof Drains With Cast Aluminum Strainer Dome *(22 14 26 13-0048)*		
22 14 26 13-0055	EA	Copolymer Retrofit Drain, 3", With Cast Aluminum Dome	1,034.48	229.54
22 14 26 13-0056	EA	Copolymer Retrofit Drain, 4", With Cast Aluminum Dome	1,139.67	286.93
22 14 26 13-0057	EA	Copolymer Retrofit Drain, 5", With Cast Aluminum Dome	1,356.25	344.31
22 14 26 13-0058	EA	Copolymer Retrofit Drain, 6", With Cast Aluminum Dome	1,423.13	382.19
22 14 26 13-0059		Retrofit Roof Aluminum Drains With Cast Aluminum Strainer Dome *(22 14 26 13-0048)*		
22 14 26 13-0060	EA	Aluminum Retrofit 3" Roof Drains, With Cast Aluminum Dome	897.80	229.54
		For Copolymer Strainer Dome, Deduct	*-24.00*	
22 14 26 13-0061	EA	Aluminum Retrofit 4" Roof Drains, With Cast Aluminum Dome	1,009.34	286.93
		For Copolymer Strainer Dome, Deduct	*-24.00*	
22 14 26 13-0062	EA	Aluminum Retrofit 5" Roof Drains, With Cast Aluminum Dome	1,216.39	344.31
		For Copolymer Strainer Dome, Deduct	*-24.00*	
22 14 26 13-0063	EA	Aluminum Retrofit 6" Roof Drains, With Cast Aluminum Dome	1,276.91	382.19
		For Copolymer Strainer Dome, Deduct	*-24.00*	
22 14 26 13-0064		Bronze Downspout Nozzles *(22 14 26 13)*		
22 14 26 13-0065	EA	2" Outlet, Bronze Roof Drain Downspout Nozzle	540.47	114.77
22 14 26 13-0066	EA	3" Outlet, Bronze Roof Drain Downspout Nozzle	540.47	114.77
22 14 26 13-0067	EA	4" Outlet, Bronze Roof Drain Downspout Nozzle	540.47	114.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0068	EA	5" Outlet, Bronze Roof Drain Downspout Nozzle	846.75	143.47
22 14 26 13-0069	EA	6" Outlet, Bronze Roof Drain Downspout Nozzle	846.75	143.47
22 14 26 13-0070	EA	8" Outlet, Bronze Roof Drain Downspout Nozzle	1,107.38	143.47

22 14 26 16 Facility Area Drains *(22 14 26)*

22 14 26 16-0001 Area Drain *(22 14 26 16)*

22 14 26 16-0002	EA	12" x 12" Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,219.45	138.19
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
		For Primer Tap, Add	*36.00*	
22 14 26 16-0003	EA	12" x 12" Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,249.24	153.10
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
		For Primer Tap, Add	*36.00*	
22 14 26 16-0004	EA	12" x 12" Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,280.59	168.83
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
		For Primer Tap, Add	*36.00*	
22 14 26 16-0005	EA	12" x 12" Floor Drain With 6" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,313.25	185.13
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
		For Primer Tap, Add	*36.00*	
22 14 26 16-0006	EA	12" x 12" Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,970.81	138.19
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
		For Primer Tap, Add	*36.00*	
22 14 26 16-0007	EA	12" x 12" Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,000.60	153.10
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
		For Primer Tap, Add	*36.00*	
22 14 26 16-0008	EA	12" x 12" Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,031.95	168.83
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
		For Primer Tap, Add	*36.00*	
22 14 26 16-0009	EA	12" x 12" Floor Drain With 6" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,064.61	185.13
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
		For Primer Tap, Add	*36.00*	
22 14 26 16-0010	EA	12" x 12" Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,003.50	138.19
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
		For Primer Tap, Add	*36.00*	
22 14 26 16-0011	EA	12" x 12" Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,033.29	153.10
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
		For Primer Tap, Add	*36.00*	
22 14 26 16-0012	EA	12" x 12" Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,064.64	168.83
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
		For Primer Tap, Add	*36.00*	
22 14 26 16-0013	EA	12" x 12" Floor Drain With 6" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,097.30	185.13
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
		For Primer Tap, Add	*36.00*	
22 14 26 16-0014	EA	16" x 16" Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	6,519.62	138.19
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 16-0015	EA	16" x 16" Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	6,549.41	153.10
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0016	EA	16" x 16" Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	6,580.76	168.83
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0017	EA	16" x 16" Floor Drain With 6" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	6,613.42	185.13
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0018	EA	16" x 16" Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,169.62	138.19
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0019	EA	16" x 16" Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,199.41	153.10
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0020	EA	16" x 16" Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,230.76	168.83
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0021	EA	16" x 16" Floor Drain With 6" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,263.42	185.13
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0022	EA	16" x 16" Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	6,179.09	138.19
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0023	EA	16" x 16" Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	6,208.88	153.10
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0024	EA	16" x 16" Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	6,240.23	168.83
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0025	EA	16" x 16" Floor Drain With 6" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	6,272.89	185.13
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0026	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,419.86	138.19
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0027	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,449.65	153.10
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0028	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,481.00	168.83
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0029	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	849.53	138.19
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0030	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	879.32	153.10
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0031	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	910.67	168.83
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0032	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,336.80	138.19
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 16-0033	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,366.59	153.10
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0034	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,397.94	168.83
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0035	EA	12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Nikaloy Top, Heavy-Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	4,335.20	138.19
		For Ductile Iron Grate, Add	*126.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0036	EA	12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Nikaloy Top, Heavy-Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	4,364.99	153.10
		For Ductile Iron Grate, Add	*126.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0037	EA	12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Nikaloy Top, Heavy-Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	4,396.34	168.83
		For Ductile Iron Grate, Add	*126.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0038	EA	12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Cast Iron Top, Heavy-Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	2,809.70	138.19
		For Ductile Iron Grate, Add	*126.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0039	EA	12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Cast Iron Top, Heavy-Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	2,839.49	153.10
		For Ductile Iron Grate, Add	*126.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0040	EA	12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Cast Iron Top, Heavy-Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	2,870.84	168.83
		For Ductile Iron Grate, Add	*126.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0041	EA	12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Bronze Top, Heavy-Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	4,069.41	138.19
		For Ductile Iron Grate, Add	*126.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0042	EA	12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Bronze Top, Heavy-Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	4,099.20	153.10
		For Ductile Iron Grate, Add	*126.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0043	EA	12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Bronze Top, Heavy-Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	4,130.55	168.83
		For Ductile Iron Grate, Add	*126.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*307.50*	

22 14 26 19 Facility Trench Drains *(22 14 26)*

22 14 26 19-0001 Trench Drain *(22 14 26 19)*

Note: Each section is 39.4" in length.

22 14 26 19-0002	EA	6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Nikaloy Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,166.11	138.19
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0003	EA	6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Nikaloy Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,195.90	153.10
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0004	EA	6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Nikaloy Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,227.25	168.83
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0005	EA	6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Cast Iron Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	706.63	138.19
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0006	EA	6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Cast Iron Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	736.42	153.10
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 19-0007	EA	6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Cast Iron Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	767.77	168.83
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0008	EA	6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Bronze Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,103.50	138.19
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0009	EA	6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Bronze Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,133.29	153.10
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0010	EA	6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Bronze Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,164.64	168.83
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0011	EA	6" Wide Trench Drain x 15" Extension Section, Nikaloy Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,027.32	68.86
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0012	EA	6" Wide Trench Drain x 15" Extension Section, Cast Iron Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	567.84	68.86
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0013	EA	6" Wide Trench Drain x 15" Extension Section, Bronze Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	964.71	68.86
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0014	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Nikaloy Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,853.82	138.19
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0015	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Nikaloy Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,883.61	153.10
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0016	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Nikaloy Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,914.96	168.83
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0017	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Cast Iron Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,285.27	138.19
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0018	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Cast Iron Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,315.06	153.10
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0019	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Cast Iron Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,346.41	168.83
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 19-0020	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Bronze Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,776.06	138.19
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0021	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Bronze Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,805.85	153.10
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0022	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Bronze Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,837.20	168.83
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0023	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Galvanized Top And Body, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,550.86	138.19
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0024	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Galvanized Top And Body, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,580.65	153.10
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0025	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Galvanized Top And Body, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,612.00	168.83
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0026	EA	12" Wide Trench Drain x 15" Extension Section, Nikaloy Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,715.01	68.86
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
22 14 26 19-0027	EA	12" Wide Trench Drain x 15" Extension Section, Cast Iron Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,146.46	68.86
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
22 14 26 19-0028	EA	12" Wide Trench Drain x 15" Extension Section, Bronze Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,637.25	68.86
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
22 14 26 19-0029	EA	12" Wide Trench Drain x 15" Extension Section, Galvanized Top And Body, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,412.05	68.86
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	

22 14 29 Sump Pumps *(22 14)*

See CSI section 22 11 16 00-0000 for pipe extensions into well.

22 14 29 13 Wet-Pit-Mounted, Vertical Sump Pumps *(22 14 29)*

22 14 29 13-0001 Vertical Mounted Sump Pumps *(22 14 29 13)*

Note: Supplied with 1750 RPM premium efficient motor with drip cover, float switch assembly, steel support mounting plate and 5' column sections.

22 14 29 13-0002	EA	1 HP Vertical Mounted Cast Iron Sump Pump, 1-1/2" Discharge, Single Stage, 25 GPM 40' Head	6,680.01	333.01
		For Explosion Proof Motor, Add	*344.79*	
22 14 29 13-0003	EA	1-1/2 HP Vertical Mounted Cast Iron Sump Pump, 2" Discharge, Single Stage, 75 GPM 40' Head	7,053.62	403.05
		For Explosion Proof Motor, Add	*383.31*	
22 14 29 13-0004	EA	2 HP Vertical Mounted Cast Iron Sump Pump, 2-1/2" Discharge, Single Stage, 100 GPM 40' Head	8,054.75	478.84
		For Explosion Proof Motor, Add	*495.18*	
22 14 29 13-0005	EA	3 HP Vertical Mounted Cast Iron Sump Pump, 3" Discharge, Single Stage, 150 GPM 40' Head	8,578.98	589.08
		For Explosion Proof Motor, Add	*561.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 29 13-0006	EA	5 HP Vertical Mounted Cast Iron Sump Pump, 3" Discharge, Single Stage, 200 GPM 40' Head	9,056.28	638.45
		For Explosion Proof Motor, Add	*819.80*	
22 14 29 13-0007	EA	10 HP Vertical Mounted Cast Iron Sump Pump, 4" Discharge, Single Stage, 300 GPM 70' Head	10,737.68	765.91
		For Explosion Proof Motor, Add	*929.84*	
22 14 29 13-0008	EA	15 HP Vertical Mounted Cast Iron Sump Pump, 5" Discharge, Single Stage, 500 GPM 70' Head	12,580.83	793.22
		For Explosion Proof Motor, Add	*1,524.05*	
22 14 29 13-0009	EA	20 HP Vertical Mounted Cast Iron Sump Pump, 6" Discharge, Single Stage, 800 GPM 70' Head	15,312.60	1,006.57
		For Explosion Proof Motor, Add	*2,022.90*	
22 14 29 13-0010	EA	30 HP Vertical Mounted Cast Iron Sump Pump, 6" Discharge, Single Stage, 1,000 GPM 70' Head	16,526.39	1,173.91
		For Explosion Proof Motor, Add	*2,622.62*	
22 14 29 13-0011	EA	50 HP Vertical Mounted Cast Iron Sump Pump, 8" Discharge, Single Stage, 1,600 GPM 70' Head	22,203.93	1,409.19
		For Explosion Proof Motor, Add	*3,416.74*	
22 14 29 13-0012	EA	60 HP Vertical Mounted Cast Iron Sump Pump, 8" Discharge, Single Stage, 2,000 GPM 70' Head	30,802.70	1,565.21
		For Explosion Proof Motor, Add	*5,415.80*	

22 14 29 13-0013 Extra Column Assemblies *(22 14 29 13)*

22 14 29 13-0014	EA	1-1/2" Diameter x 5' Long Extra Column Assembly	1,058.66	
22 14 29 13-0015	EA	2" Diameter x 5' Long Extra Column Assembly	1,158.42	
22 14 29 13-0016	EA	2-1/2" Diameter x 5' Long Extra Column Assembly	1,267.58	
22 14 29 13-0017	EA	3" Diameter x 5' Long Extra Column Assembly	1,521.99	
22 14 29 13-0018	EA	4" Diameter x 5' Long Extra Column Assembly	1,701.17	
22 14 29 13-0019	EA	5" Diameter x 5' Long Extra Column Assembly	1,732.14	
22 14 29 13-0020	EA	6" Diameter x 5' Long Extra Column Assembly	1,944.51	
22 14 29 13-0021	EA	8" Diameter x 5' Long Extra Column Assembly	2,127.75	

22 14 29 13-0022 Support Plate *(22 14 29 13)*

22 14 29 13-0023	EA	24" Steel Support Plate, Round Or Square	787.36	45.91
22 14 29 13-0024	EA	30" Steel Support Plate, Round Or Square	871.72	51.65
22 14 29 13-0025	EA	36" Steel Support Plate, Round Or Square	1,209.28	68.86
22 14 29 13-0026	EA	40" Steel Support Plate, Round Or Square	1,752.67	80.34
22 14 29 13-0027	EA	42" Steel Support Plate, Round Or Square	1,878.62	83.21
22 14 29 13-0028	EA	48" Steel Support Plate, Round Or Square	2,008.39	86.08
22 14 29 13-0029	EA	54" Steel Support Plate, Round Or Square	2,557.82	103.29
22 14 29 13-0030	EA	60" Steel Support Plate, Round Or Square	3,461.95	114.77
22 14 29 13-0031	EA	72" Steel Support Plate, Round Or Square	4,621.30	143.47
22 14 29 13-0032	EA	84" Steel Support Plate, Round Or Square	5,577.86	157.81

22 14 29 16 Submersible Sump Pumps *(22 14 29)*

22 14 29 16-0001 Submersible Sump Pump With Vortex Impeller *(22 14 29 16)*

22 14 29 16-0002 Submersible Sump Pump With Cast Iron Vortex Impeller *(22 14 29 16-0001)*

22 14 29 16-0003	EA	1/3 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	559.68	74.79
22 14 29 16-0004	EA	1/3 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	622.73	74.79
22 14 29 16-0005	EA	1/2 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	991.30	79.15
22 14 29 16-0006	EA	1/2 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,091.07	79.15

22 14 29 16-0007 Submersible Sump Pump With Bronze Vortex Impeller *(22 14 29 16-0001)*

Note: Includes 20' of cord with pump.

22 14 29 16-0008	EA	1/2 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,686.89	79.15
22 14 29 16-0009	EA	1/2 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,837.23	79.15
22 14 29 16-0010	EA	1 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,928.66	87.25
22 14 29 16-0011	EA	1 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	2,089.39	87.25
22 14 29 16-0012	EA	1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	2,147.56	99.71
22 14 29 16-0013	EA	1-1/2 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	2,305.52	99.71
22 14 29 16-0014	EA	2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	2,304.12	118.41
22 14 29 16-0015	EA	2 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	2,441.29	118.41

22 14 29 16-0016 Submersible Sump Pump With Semi-Open Impeller *(22 14 29 16)*

Note: Includes 20' of cord with pump.

22 14 29 16-0017	EA	1/3 HP Manual Submersible Sump Pump, 115 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,315.01	74.79
22 14 29 16-0018	EA	1/3 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,358.12	74.79
22 14 29 16-0019	EA	1/2 HP Manual Submersible Sump Pump, 115 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,698.02	79.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 29 16-0020	EA	1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,728.31	79.15
22 14 29 16-0021	EA	3/4 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,075.18	83.51
22 14 29 16-0022	EA	3/4 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,075.18	83.51
22 14 29 16-0023	EA	1 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,194.85	87.25
22 14 29 16-0024	EA	1 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,194.85	87.25
22 14 29 16-0025	EA	1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,504.90	99.71
22 14 29 16-0026	EA	1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,504.90	99.71
22 14 29 16-0027	EA	2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,913.65	118.41
22 14 29 16-0028	EA	2 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,861.21	118.41

22 14 29 19 Sump-Pump Basins and Pits *(22 14 29)*

See CSI section 22 13 29 33-0000 for basins and pits.

22 15 General Service Compressed-Air Systems *(22 10)*

22 15 13 General Service Compressed-Air Piping *(22 15)*

See CSI section 22 11 16 00-0013 for threaded galvanized steel pipe, 23 21 13 23-0001 for threaded black steel pipe.

22 15 13 00-0001 Aluminum Pipe And Fittings For Compressed Air *(22 15 13)*

22 15 13 00-0002 Aluminum (6063) Pipe (FastPipe) *(22 15 13 00-0001)*

Note: For compressed air system

22 15 13 00-0003	LF	3/4" Diameter, Blue Rigid Aluminum Pipe Note: For compresed air system	9.59	2.50
22 15 13 00-0004	LF	1" Diameter, Blue Rigid Aluminum Pipe Note: For compresed air system	12.08	2.74
22 15 13 00-0005	LF	1-1/2" Diameter, Blue Rigid Aluminum Pipe Note: For compresed air system	16.40	3.49
22 15 13 00-0006	LF	2" Diameter, Blue Rigid Aluminum Pipe Note: For compresed air system	20.05	3.99
22 15 13 00-0007	LF	3" Diameter, Blue Rigid Aluminum Pipe Note: For compresed air system	33.91	5.48

22 15 13 00-0008 Compression Fittings (FastPipe) *(22 15 13 00-0001)*

Note: For compressed air system

22 15 13 00-0009 Compression Union *(22 15 13 00-0008)*

22 15 13 00-0010	EA	3/4" Diameter, FastPipe Compression Union Note: For compresed air system	30.46	3.49
22 15 13 00-0011	EA	1" Diameter, FastPipe Compression Union Note: For compresed air system	46.10	4.98
22 15 13 00-0012	EA	1-1/2" Diameter, FastPipe Compression Union Note: For compresed air system	72.73	6.98
22 15 13 00-0013	EA	2" Diameter, FastPipe Compression Union Note: For compresed air system	90.82	8.98
22 15 13 00-0014	EA	3" Diameter, FastPipe Compression Union Note: For compresed air system	176.40	13.96

22 15 13 00-0015 Compression 90 Degree Elbow *(22 15 13 00-0008)*

22 15 13 00-0016	EA	3/4" Diameter, FastPipe Compression 90 Degree Elbow Note: For compresed air system	32.45	3.49
22 15 13 00-0017	EA	1" Diameter, FastPipe Compression 90 Degree Elbow Note: For compresed air system	48.17	4.98
22 15 13 00-0018	EA	1-1/2" Diameter, FastPipe Compression 90 Degree Elbow Note: For compresed air system	74.92	6.98
22 15 13 00-0019	EA	2" Diameter, FastPipe Compression 90 Degree Elbow Note: For compresed air system	103.27	8.98
22 15 13 00-0020	EA	3" Diameter, FastPipe Compression 90 Degree Elbow Note: For compresed air system	202.86	13.96

22 15 13 00-0021 Compression 45 Degree Elbow *(22 15 13 00-0008)*

22 15 13 00-0022	EA	1" Diameter, FastPipe Compression 45 Degree Elbow Note: For compresed air system	48.62	4.98
22 15 13 00-0023	EA	1-1/2" Diameter, FastPipe Compression 45 Degree Elbow Note: For compresed air system	84.49	6.98
22 15 13 00-0024	EA	2" Diameter, FastPipe Compression 45 Degree Elbow Note: For compresed air system	112.26	8.98

22 15 13 00-0025 Compression Tee *(22 15 13 00-0008)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 13 00-0026	EA	3/4" Diameter, FastPipe Compression Tee Note: For compresed air system	43.16	5.23
22 15 13 00-0027	EA	1" Diameter, FastPipe Compression Tee Note: For compresed air system	61.07	7.48
22 15 13 00-0028	EA	1-1/2" Diameter, FastPipe Compression Tee Note: For compresed air system	116.35	10.47
22 15 13 00-0029	EA	2" Diameter, FastPipe Compression Tee Note: For compresed air system	144.45	13.47
22 15 13 00-0030	EA	3" Diameter, FastPipe Compression Tee Note: For compresed air system	279.40	20.94
22 15 13 00-0031		**Compression Reducing Tee** *(22 15 13 00-0008)*		
22 15 13 00-0032	EA	1" x 3/4" FastPipe Compression Reducing Tee Note: For compresed air system	59.05	6.73
22 15 13 00-0033	EA	1-1/2" x 3/4" FastPipe Compression Reducing Tee Note: For compresed air system	104.98	8.73
22 15 13 00-0034	EA	1-1/2" x 1" FastPipe Compression Reducing Tee Note: For compresed air system	109.14	9.47
22 15 13 00-0035	EA	2" x 3/4" FastPipe Compression Reducing Tee Note: For compresed air system	133.07	10.72
22 15 13 00-0036	EA	2" x 1" FastPipe Compression Reducing Tee Note: For compresed air system	136.73	11.46
22 15 13 00-0037		**Compression Reducing Union** *(22 15 13 00-0008)*		
22 15 13 00-0038	EA	1" x 3/4" FastPipe Compression Reducing Union Note: For compresed air system	45.12	4.24
22 15 13 00-0039	EA	1-1/2" x 3/4" FastPipe Compression Reducing Union Note: For compresed air system	67.12	5.23
22 15 13 00-0040	EA	1-1/2" x 1" FastPipe Compression Reducing Union Note: For compresed air system	67.78	5.98
22 15 13 00-0041	EA	2" x 3/4" FastPipe Compression Reducing Union Note: For compresed air system	85.56	6.23
22 15 13 00-0042	EA	2" x 1" FastPipe Compression Reducing Union Note: For compresed air system	88.15	6.98
22 15 13 00-0043	EA	2" x 1-1/2" FastPipe Compression Reducing Union Note: For compresed air system	92.98	7.98
22 15 13 00-0044		**Compression x NPT 90 Degree Reducing Elbow** *(22 15 13 00-0008)*		
22 15 13 00-0045	EA	3/4" x 1/4" Diameter NPT, FastPipe Compression 90 Degree Reducing Elbow Note: For compresed air system	65.41	7.23
22 15 13 00-0046	EA	3/4" x 1/2" Diameter NPT, FastPipe Compression 90 Degree Reducing Elbow Note: For compresed air system	69.18	8.22
22 15 13 00-0047	EA	1" x 1/4" Diameter NPT, FastPipe Compression 90 Degree Reducing Elbow Note: For compresed air system	77.53	7.98
22 15 13 00-0048	EA	1" x 1/2" Diameter NPT, FastPipe Compression 90 Degree Reducing Elbow Note: For compresed air system	79.34	8.98
22 15 13 00-0049	EA	1" x 3/4" Diameter NPT, FastPipe Compression 90 Degree Reducing Elbow Note: For compresed air system	81.84	9.97
22 15 13 00-0050		**Compression x NPT Reducing Tee** *(22 15 13 00-0008)*		
22 15 13 00-0051	EA	3/4" x 1/4" Diameter NPT, FastPipe Compression Reducing Tee Note: For compresed air system	75.06	8.98
22 15 13 00-0052	EA	3/4" x 1/2" Diameter NPT, FastPipe Compression Reducing Tee Note: For compresed air system	77.43	9.97
22 15 13 00-0053	EA	1" x 1/4" Diameter NPT, FastPipe Compression Reducing Tee Note: For compresed air system	89.36	10.47
22 15 13 00-0054	EA	1" x 1/2" Diameter NPT, FastPipe Compression Reducing Tee Note: For compresed air system	91.42	11.46
22 15 13 00-0055	EA	1" x 3/4" Diameter NPT, FastPipe Compression Reducing Tee Note: For compresed air system	94.22	12.47
22 15 13 00-0056	EA	1-1/2" x 1/2" Diameter NPT, FastPipe Compression Reducing Tee Note: For compresed air system	129.64	13.47
22 15 13 00-0057	EA	1-1/2" x 3/4" Diameter NPT, FastPipe Compression Reducing Tee Note: For compresed air system	132.14	14.46
22 15 13 00-0058	EA	2" x 1/2" Diameter NPT, FastPipe Compression Reducing Tee Note: For compresed air system	144.35	15.46
22 15 13 00-0059	EA	2" x 3/4" Diameter NPT, FastPipe Compression Reducing Tee Note: For compresed air system	146.84	16.45
22 15 13 00-0060		**Compression Inline Valve** *(22 15 13 00-0008)*		
22 15 13 00-0061	EA	3/4" Diameter, FastPipe Compression Inline Valve Note: For compresed air system	105.71	3.49
22 15 13 00-0062	EA	1" Diameter, FastPipe Compression Inline Valve Note: For compresed air system	135.26	4.98
22 15 13 00-0063	EA	1-1/2" Diameter, FastPipe Compression Inline Valve Note: For compresed air system	283.42	6.98
22 15 13 00-0064	EA	2" Diameter, FastPipe Compression Inline Valve Note: For compresed air system	410.74	8.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 13 00-0065	EA	3" Diameter, FastPipe Compression Inline Valve Note: For compresed air system	663.26	13.96
22 15 13 00-0066		**Compression Single Port Wall Outlet** *(22 15 13 00-0008)*		
22 15 13 00-0067	EA	3/4" Inlet x 1/2" Female NPT Outlet Compression Single Port Wall Outlet Note: Includes wall block, drain valve, 1/2" brass plug, spacer plate and threaded male adapted. For compresed air system	88.19	8.22
22 15 13 00-0068	EA	1" Inlet x 1/2" Female NPT Outlet Compression Single Port Wall Outlet Note: Includes wall block, drain valve, 1/2" brass plug, spacer plate and threaded male adapted. For compresed air system	90.82	8.98
22 15 13 00-0069		**NPT Push To Connect Coupler** *(22 15 13 00-0008)*		
22 15 13 00-0070	EA	1/2" Male NPT Push To Connect Coupler Note: For compresed air system	31.71	6.48
22 15 13 00-0071		**Quick Disconnect, Air-Service** *(22 15 13)*		
22 15 13 00-0072		**Combination Steel And Brass** *(22 15 13 00-0071)*		
22 15 13 00-0073	EA	1/2" Diameter, Combination Steel And Brass Disconnect Valve, Single Seated With Arm Ball And Bracket	59.67	17.45
22 15 13 00-0074	EA	3/4" Diameter, Combination Steel And Brass Disconnect Valve, Single Seated With Arm Ball And Bracket	66.52	21.18
22 15 13 00-0075		**Refrigerated Air Dryers With Ambient Air Filters** *(22 15 13)* Note: 120 Voltage, 1 Phase		
22 15 13 00-0076	EA	3 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	828.47	99.42
22 15 13 00-0077	EA	5 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	948.10	102.19
22 15 13 00-0078	EA	7.5 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,117.85	104.95
22 15 13 00-0079	EA	10 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,258.71	110.47
22 15 13 00-0080	EA	15 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,640.83	124.28
22 15 13 00-0081	EA	20 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,855.16	141.41
22 15 13 00-0082	EA	25 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	2,081.11	160.19
22 15 13 00-0083	EA	30 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	2,446.66	179.52
22 15 13 00-0084	EA	40 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	2,836.04	209.91
22 15 13 00-0085	EA	50 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	3,196.64	224.27
22 15 13 00-0086	EA	60 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	3,757.44	248.57
22 15 13 00-0087	EA	75 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	4,322.91	276.19
		For 230 Voltage, Add	*1,131.16*	
22 15 13 00-0088	EA	85 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	4,672.18	303.81
		For 230 Voltage, Add	*1,219.37*	
22 15 13 00-0089	EA	100 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	5,031.06	336.95
		For 230 Voltage, Add	*1,307.58*	
22 15 13 00-0090	EA	125 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	5,439.90	359.05
		For 230 Voltage, Add	*1,416.54*	
22 15 13 00-0091	EA	175 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	5,752.90	372.86
		For 230 Voltage, Add	*1,502.16*	
22 15 13 00-0092	EA	200 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	9,983.45	386.67
		For 230 Voltage, Add	*2,763.04*	
22 15 13 00-0093	EA	250 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	10,728.85	400.48
		For 230 Voltage, Add	*2,978.37*	
22 15 13 00-0094	EA	300 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	11,453.51	414.29
		For 230 Voltage, Add	*3,187.48*	
22 15 13 00-0095	EA	400 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	13,610.21	441.91
		For 230 Voltage, Add	*3,817.92*	
22 15 13 00-0096	EA	500 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	15,434.50	552.38
		For 230 Voltage, Add	*4,298.92*	
22 15 13 00-0097	EA	600 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	21,959.84	662.86
		For 230 Voltage, Add	*6,190.24*	
22 15 13 00-0098	EA	800 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	29,825.63	773.33
		For 230 Voltage, Add	*8,483.69*	
22 15 13 00-0099	EA	1,000 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	33,393.36	883.81
		For 230 Voltage, Add	*9,487.72*	
22 15 13 00-0100		**Oil And Water Separator For Air Compressor** *(22 15 13)*		
22 15 13 00-0101	EA	0-60 SCFM Oil/Water Separator	743.83	39.90
22 15 13 00-0102	EA	85 SCFM Oil/Water Separator	996.37	46.75
22 15 13 00-0103	EA	190 SCFM Oil/Water Separator	1,164.50	53.00
22 15 13 00-0104	EA	245 SCFM Oil/Water Separator	1,461.67	62.35
22 15 13 00-0105	EA	320 SCFM Oil/Water Separator	1,737.40	74.81
22 15 13 00-0106	EA	700 SCFM Oil/Water Separator	3,502.84	155.86
22 15 13 00-0107		**Heavy-Duty Industrial Pressure Regulator** *(22 15 13)*		
22 15 13 00-0108	EA	3/8" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	130.29	33.14
22 15 13 00-0109	EA	1/2" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	181.79	44.19
22 15 13 00-0110	EA	3/4" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	309.03	55.24
22 15 13 00-0111	EA	1" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	388.48	82.86
22 15 13 00-0112	EA	1-1/4" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	541.57	96.67
22 15 13 00-0113	EA	1-1/2" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	569.19	110.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 13 00-0114		**Combination Air System; Filter Regulator Lubricator** *(22 15 13)*		
22 15 13 00-0115	EA	3/8" Filter Regulator Lubricator, Max 150 PSI Input, 150 CFM, 40 Micron Filter	492.87	99.42
22 15 13 00-0116	EA	1/2" Filter Regulator Lubricator, Max 150 PSI Input, 150 CFM, 40 Micron Filter	611.05	132.57
22 15 13 00-0117		**Heatless Desiccant Air Dryers** *(22 15 13)*		
22 15 13 00-0118	EA	5 SCFM Heatless Desiccant Air Dryer	2,867.11	99.42
22 15 13 00-0119	EA	10 SCFM Heatless Desiccant Air Dryer	3,446.65	110.47
22 15 13 00-0120	EA	15 SCFM Heatless Desiccant Air Dryer	3,480.86	121.52
22 15 13 00-0121	EA	20 SCFM Heatless Desiccant Air Dryer	3,975.86	138.09
22 15 13 00-0122	EA	30 SCFM Heatless Desiccant Air Dryer	5,475.26	165.71
22 15 13 00-0123	EA	50 SCFM Heatless Desiccant Air Dryer	5,411.05	220.95
22 15 13 00-0124	EA	85 SCFM Heatless Desiccant Air Dryer	7,266.69	276.19
22 15 13 00-0125	EA	100 SCFM Heatless Desiccant Air Dryer	7,714.09	331.43
22 15 13 00-0126	EA	125 SCFM Heatless Desiccant Air Dryer	8,831.88	386.67
22 15 13 00-0127	EA	175 SCFM Heatless Desiccant Air Dryer	10,141.49	441.91
22 15 13 00-0128	EA	200 SCFM Heatless Desiccant Air Dryer	10,899.71	497.14
22 15 13 00-0129	EA	300 SCFM Heatless Desiccant Air Dryer	13,324.38	552.38
22 15 13 00-0130	EA	400 SCFM Heatless Desiccant Air Dryer	14,804.48	662.86
22 15 13 00-0131	EA	500 SCFM Heatless Desiccant Air Dryer	17,111.34	773.33
22 15 13 00-0132	EA	600 SCFM Heatless Desiccant Air Dryer	19,743.35	883.81
22 15 13 00-0133		**Air-Cooled Aftercoolers** *(22 15 13)*		
22 15 13 00-0134	EA	20 SCFM Air-Cooled Aftercooler	726.18	69.05
22 15 13 00-0135	EA	35 SCFM Air-Cooled Aftercooler	980.35	82.86
22 15 13 00-0136	EA	43 SCFM Air-Cooled Aftercooler	1,077.16	96.67
22 15 13 00-0137	EA	70 SCFM Air-Cooled Aftercooler	1,315.79	110.47
22 15 13 00-0138	EA	125 SCFM Air-Cooled Aftercooler	1,831.14	124.28
22 15 13 00-0139	EA	185 SCFM Air-Cooled Aftercooler	2,055.95	138.09
22 15 13 00-0140	EA	260 SCFM Air-Cooled Aftercooler	3,974.66	165.71
22 15 13 00-0141	EA	365 SCFM Air-Cooled Aftercooler	4,156.51	193.33
22 15 13 00-0142	EA	560 SCFM Air-Cooled Aftercooler	4,336.97	220.95
22 15 13 00-0143	EA	650 SCFM Air-Cooled Aftercooler	5,085.42	248.57
22 15 13 00-0144	EA	750 SCFM Air-Cooled Aftercooler	5,559.92	276.19
22 15 13 00-0145	EA	900 SCFM Air-Cooled Aftercooler	6,374.80	303.81
22 15 13 00-0146	EA	1,100 SCFM Air-Cooled Aftercooler	8,180.39	331.43
22 15 13 00-0147	EA	1,460 SCFM Air-Cooled Aftercooler	9,355.71	359.05
22 15 13 00-0148	EA	1,800 SCFM Air-Cooled Aftercooler	9,661.74	386.67
22 15 13 00-0149	EA	2,500 SCFM Air-Cooled Aftercooler	10,360.41	414.29
22 15 13 00-0150		**Compressed Air Coalescing Filters** *(22 15 13)*		
22 15 13 00-0151		**1.0 Micron Filter Rated Compressed Air Coalescing Filters** *(22 15 13 00-0150)*		
22 15 13 00-0152	EA	10 SCFM, 3/8", Coalescing Filter, 1.0 Micron Filter Rating	254.01	40.52
22 15 13 00-0153	EA	20 SCFM, 3/8", Coalescing Filter, 1.0 Micron Filter Rating	302.44	40.52
22 15 13 00-0154	EA	50 SCFM, 1/2", Coalescing Filter, 1.0 Micron Filter Rating	330.48	46.75
22 15 13 00-0155	EA	75 SCFM, 3/4", Coalescing Filter, 1.0 Micron Filter Rating	380.51	53.62
22 15 13 00-0156	EA	100 SCFM, 3/4", Coalescing Filter, 1.0 Micron Filter Rating	443.62	59.23
22 15 13 00-0157	EA	140 SCFM, 1", Coalescing Filter, 1.0 Micron Filter Rating	503.14	71.69
22 15 13 00-0158	EA	175 SCFM, 1-1/4" Coalescing Filter, 1.0 Micron Filter Rating	553.44	77.93
22 15 13 00-0159	EA	250 SCFM, 1-1/2" Coalescing Filter, 1.0 Micron Filter Rating	657.49	93.52
22 15 13 00-0160	EA	280 SCFM, 2" Coalescing Filter, 1.0 Micron Filter Rating	844.36	124.69
22 15 13 00-0161	EA	350 SCFM, 2" Coalescing Filter, 1.0 Micron Filter Rating	965.48	140.27
22 15 13 00-0162		**0.01 Micron Filter Rated Compressed Air Coalescing Filters** *(22 15 13 00-0150)*		
22 15 13 00-0163	EA	16 SCFM, 3/8" Coalescing Filter, 0.01 Micron Filter Rating	309.37	40.52
22 15 13 00-0164	EA	30 SCFM, 1/2" Coalescing Filter, 0.01 Micron Filter Rating	335.64	46.75
22 15 13 00-0165	EA	60 SCFM, 3/4" Coalescing Filter, 0.01 Micron Filter Rating	385.35	53.62
22 15 13 00-0166	EA	100 SCFM, 1" Coalescing Filter, 0.01 Micron Filter Rating	453.31	53.00
22 15 13 00-0167	EA	140 SCFM, 1-1/4" Coalescing Filter, 0.01 Micron Filter Rating	514.21	71.69
22 15 13 00-0168	EA	180 SCFM, 1-1/4" Coalescing Filter, 0.01 Micron Filter Rating	583.07	77.93
22 15 13 00-0169	EA	250 SCFM, 1-1/2" Coalescing Filter, 0.01 Micron Filter Rating	669.94	93.52
22 15 13 00-0170	EA	280 SCFM, 2" Coalescing Filter, 0.01 Micron Filter Rating	865.12	124.69
22 15 13 00-0171	EA	350 SCFM, 2" Coalescing Filter, 0.01 Micron Filter Rating	993.16	140.27
22 15 13 00-0172		**Compressed Air Storage Tanks** *(22 15 13)*		
22 15 13 00-0173		**Horizontal Compressed Air Storage Tanks** *(22 15 13 00-0172)*		
22 15 13 00-0174	EA	12 Gallon Horizontal Compressed Air Storage Tank, ASME	418.90	88.39
22 15 13 00-0175	EA	15 Gallon Horizontal Compressed Air Storage Tank, ASME	1,026.29	96.67
22 15 13 00-0176	EA	20 Gallon Horizontal Compressed Air Storage Tank, ASME	1,088.29	101.64
22 15 13 00-0177	EA	30 Gallon Horizontal Compressed Air Storage Tank, ASME	1,247.05	110.47
22 15 13 00-0178	EA	60 Gallon Horizontal Compressed Air Storage Tank, ASME	1,622.17	149.14
22 15 13 00-0179	EA	80 Gallon Horizontal Compressed Air Storage Tank, ASME	1,974.95	165.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 13 00-0180	EA	120 Gallon Horizontal Compressed Air Storage Tank, ASME	3,026.63	193.33
22 15 13 00-0181	EA	200 Gallon Horizontal Compressed Air Storage Tank, ASME	4,591.61	220.95
22 15 13 00-0182	EA	240 Gallon Horizontal Compressed Air Storage Tank, ASME	5,132.55	234.76
22 15 13 00-0183	EA	325 Gallon Horizontal Compressed Air Storage Tank, ASME	7,525.23	248.57
22 15 13 00-0184	EA	400 Gallon Horizontal Compressed Air Storage Tank, ASME	9,958.06	290.00
22 15 13 00-0185	EA	660 Gallon Horizontal Compressed Air Storage Tank, ASME	14,408.28	345.24

22 15 13 00-0186 Vertical Compressed Air Storage Tanks *(22 15 13 00-0172)*

22 15 13 00-0187	EA	10 Gallon Vertical Compressed Air Storage Tank, ASME	957.66	88.39
22 15 13 00-0188	EA	15 Gallon Vertical Compressed Air Storage Tank, ASME	1,000.26	96.67
22 15 13 00-0189	EA	20 Gallon Vertical Compressed Air Storage Tank, ASME	1,088.29	101.64
22 15 13 00-0190	EA	30 Gallon Vertical Compressed Air Storage Tank, ASME	1,298.59	110.47
22 15 13 00-0191	EA	60 Gallon Vertical Compressed Air Storage Tank, ASME	1,776.78	149.14
22 15 13 00-0192	EA	80 Gallon Vertical Compressed Air Storage Tank, ASME	2,049.41	165.71
22 15 13 00-0193	EA	120 Gallon Vertical Compressed Air Storage Tank, ASME	2,864.73	193.33
22 15 13 00-0194	EA	200 Gallon Vertical Compressed Air Storage Tank, ASME	4,257.91	220.95
22 15 13 00-0195	EA	240 Gallon Vertical Compressed Air Storage Tank, ASME	4,707.21	234.76
22 15 13 00-0196	EA	325 Gallon Vertical Compressed Air Storage Tank, ASME	6,484.04	248.57
22 15 13 00-0197	EA	400 Gallon Vertical Compressed Air Storage Tank, ASME	8,342.15	290.00
22 15 13 00-0198	EA	500 Gallon Vertical Compressed Air Storage Tank, ASME	10,948.33	317.62
22 15 13 00-0199	EA	660 Gallon Vertical Compressed Air Storage Tank, ASME	18,392.46	359.05

22 15 19 General Service Packaged Air Compressors and Receivers *(22 15)*

Note: Includes V-belt drive, receiver, motor, starter mounted and wired. Excludes piping, pressure reducing valve station, or air dryer.

22 15 19 13 General Service Packaged Reciprocating Air Compressors *(22 15 19)*

22 15 19 13-0001 Single Stage Compressor *(22 15 19 13)*

Note: Includes receiver, reciprocating air-cooled, 140 PSIG working pressure, splash lubricated, tank mounted.

22 15 19 13-0002	EA	1/2 HP 1-Stage Air Compressor, 1.5 ACFM Air-Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	3,464.09	391.97
22 15 19 13-0003	EA	3/4 HP 1-Stage Air Compressor, 2.0 ACFM Air-Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	3,611.37	452.40
22 15 19 13-0004	EA	1 HP 1-Stage Air Compressor, 2.5 ACFM Air-Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	4,117.82	534.27
22 15 19 13-0005	EA	2 HP 1-Stage Air Compressor, Air-Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	4,694.83	589.51
22 15 19 13-0006	EA	3 HP 1-Stage Air Compressor, Air-Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	5,761.02	622.64
22 15 19 13-0007	EA	3 HP 1-Stage Air Compressor, Air-Cooled With 60 Gallon Receiver, 140 PSIG Working Pressure	6,159.22	644.74
22 15 19 13-0008	EA	5 HP 1-Stage Air Compressor, Air-Cooled With 60 Gallon Receiver, 140 PSIG Working Pressure	6,914.12	736.87
22 15 19 13-0009	EA	5 HP 1-Stage Air Compressor, Air-Cooled With 80 Gallon Receiver, 140 PSIG Working Pressure	7,417.81	781.07
22 15 19 13-0010	EA	7.5 HP 1-Stage Air Compressor, Air-Cooled With 80 Gallon Receiver, 140 PSIG Working Pressure	8,909.83	884.25

22 15 19 13-0011 Two Stage Compressor *(22 15 19 13)*

Note: With receiver, reciprocating air-cooled, discharge pressure 80-200 PSIG, receiver capacity as noted, splash lubricated, tank mounted.

22 15 19 13-0012	EA	1-1/2 HP 2-Stage Air Compressor, 60 Gallon Receiver, 5.0 ACFM, 80-200 PSIG Discharge Pressure	6,634.70	688.93
22 15 19 13-0013	EA	2 HP 2-Stage Air Compressor, 60 Gallon Receiver, 7.0 ACFM, 80-200 PSIG Discharge Pressure	7,109.50	810.56
22 15 19 13-0014	EA	3 HP 2-Stage Air Compressor, 60 Gallon Receiver, 12 ACFM, 80-200 PSIG Discharge Pressure	7,424.45	884.25
22 15 19 13-0015	EA	5 HP 2-Stage Air Compressor, 80 Gallon Receiver, 15 ACFM, 80-200 PSIG Discharge Pressure	8,445.96	1,179.00
22 15 19 13-0016	EA	5 HP 2-Stage Air Compressor, 120 Gallon Receiver, 16.5 ACFM, 80-200 PSI Max Discharge Pressure	9,122.57	1,179.00
22 15 19 13-0017	EA	7.5 HP 2-Stage Air Compressor, 80 Gallon Receiver, 19.8 ACFM, 80-200 PSIG Discharge Pressure	9,756.04	1,473.76
22 15 19 13-0018	EA	7.5 HP 2-Stage Air Compressor, 120 Gallon Receiver, 25.6 ACFM, 80-200 PSI Max Discharge Pressure	10,369.70	1,473.76
22 15 19 13-0019	EA	10 HP 2-Stage Air Compressor, 80 Gallon Receiver, 35.0 ACFM, 80-200 PSI Max Discharge Pressure	13,304.36	1,822.86
22 15 19 13-0020	EA	10 HP 2-Stage Air Compressor, 120 Gallon Receiver, 38 ACFM, 80-200 PSIG Discharge Pressure	14,261.95	1,878.09
22 15 19 13-0021	EA	15 HP 2-Stage Air Compressor, 120 Gallon Receiver, 50 ACFM, 80-200 PSIG Discharge Pressure	15,409.88	2,194.94
22 15 19 13-0022	EA	20 HP 2-Stage Air Compressor, 120 Gallon Receiver, 70 ACFM, 80-200 PSIG Discharge Pressure	23,384.43	2,484.62
22 15 19 13-0023	EA	25 HP 2-Stage Air Compressor, 120 Gallon Receiver, 84.4 ACFM, 175 PSI Max Discharge Pressure	25,093.71	2,807.53
22 15 19 13-0024	EA	30 HP 2-Stage Air Compressor, 120 Gallon Receiver, 97.2 ACFM, 175 PSI Max Discharge Pressure	27,975.23	3,102.94
22 15 19 13-0025	EA	30 HP 2-Stage Air Compressor, 250 Gallon Receiver, 101 ACFM, 175 PSI Max Discharge Pressure	30,429.12	3,400.68

22 15 19 19 General Service Packaged Rotary-Screw Air Compressors *(22 15 19)*

22 15 19 19-0001 Rotary Screw Air Compressor, Base Mounted Without Receiver *(22 15 19 19)*

Note: Oil flooded.

22 15 19 19-0002	EA	3 HP, 8.5 SCFM, Rotary Screw Air Compressor With Enclosure, 150 PSIG Max Discharge Pressure, Lubricated	11,371.56	995.03
22 15 19 19-0003	EA	5 HP, 16.6 SCFM, Rotary Screw Air Compressor With Enclosure, 150 PSIG Max Discharge Pressure, Lubricated	12,641.35	1,326.70
22 15 19 19-0004	EA	7.5 HP, 27 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	16,217.87	1,663.37
22 15 19 19-0005	EA	10 HP, 37 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	18,706.31	2,119.74
22 15 19 19-0006	EA	15 HP, 56 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	21,398.50	2,493.80
22 15 19 19-0007	EA	20 HP, 79 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	26,010.39	2,805.53
22 15 19 19-0008	EA	25 HP, 114 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	28,491.75	3,117.26
22 15 19 19-0009	EA	30 HP, 137 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	34,337.29	3,491.32
22 15 19 19-0010	EA	40 HP, 183 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	37,767.07	3,740.71
22 15 19 19-0011	EA	50 HP, 214 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	42,433.14	4,031.24
22 15 19 19-0012	EA	60 HP, 256 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	55,385.25	4,364.17
22 15 19 19-0013	EA	75 HP, 320 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	61,505.71	4,613.54
22 15 19 19-0014	EA	100 HP, 494 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	99,273.23	4,987.61
22 15 19 19-0015	EA	125 HP, 592 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	124,046.55	5,392.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 19 19-0016	EA	150 HP, 695 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	144,203.59	5,804.33
22 15 19 19-0017	EA	220 HP, 996 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	187,945.09	6,234.52
22 15 19 19-0018	EA	250 HP, 1,000 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	213,636.48	6,633.53
22 15 19 19-0019		Rotary Screw Air Compressor, Base Mounted With Receiver *(22 15 19 19)* Note: Includes receiver, motor, starter mounted and wired. Excludes piping, pressure reducing valve station, or air dryer.		
22 15 19 19-0020	EA	5 HP, 18.5 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 150 PSIG Max Discharge Pressure, Lubricated	14,173.94	1,326.70
22 15 19 19-0021	EA	5 HP, 18.5 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 150 PSIG Max Discharge Pressure, Lubricated	15,080.28	1,326.70
22 15 19 19-0022	EA	7.5 HP, 28 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	16,938.53	1,663.37
22 15 19 19-0023	EA	7.5 HP, 28 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	17,929.84	1,663.37
22 15 19 19-0024	EA	10 HP, 38 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	19,102.83	2,119.74
22 15 19 19-0025	EA	10 HP, 38 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	20,150.78	2,119.74
22 15 19 19-0026	EA	15 HP, 55 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	21,725.78	2,493.80
22 15 19 19-0027	EA	15 HP, 55 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	22,858.70	2,493.80
22 15 19 19-0028	EA	20 HP, 75 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	37,943.81	2,805.53
22 15 19 19-0029	EA	25 HP, 102 SCFM, 120 gallon receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	40,850.01	3,117.26
22 15 19 19-0030	EA	30 HP, 125 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	43,473.03	3,491.32

22 30 Plumbing Equipment *(22)*

22 31 Domestic Water Softeners *(22 30)*

22 31 13 Residential Domestic Water Softeners *(22 31)*

See CSI section 11 30 13 13-0104 for residential water softener.

22 31 16 Commercial Domestic Water Softeners *(22 31)*

22 31 16 00-0001 Commercial Water Softeners (Watts Pure Water) *(22 31 16)*

22 31 16 00-0002 Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0001)*

22 31 16 00-0003 1" Pipe Connection, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0002)*

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

22 31 16 00-0004	EA	30,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111A11)	5,426.06	315.63
22 31 16 00-0005	EA	45,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111B11)	5,671.64	329.97
22 31 16 00-0006	EA	60,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111C11)	6,127.11	344.31
22 31 16 00-0007	EA	90,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111D11)	7,070.00	358.66
22 31 16 00-0008	EA	120,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111E11)	7,539.46	373.01

22 31 16 00-0009 1-1/2" Pipe Connection, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0002)*

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

22 31 16 00-0010	EA	60,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121C11)	8,186.36	344.31
22 31 16 00-0011	EA	90,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121D11)	8,611.52	358.66
22 31 16 00-0012	EA	120,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121E11)	9,083.31	373.01
22 31 16 00-0013	EA	150,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121F11)	10,819.11	387.35
22 31 16 00-0014	EA	210,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121G11)	12,039.51	401.70
22 31 16 00-0015	EA	300,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121H11)	14,691.83	416.05

22 31 16 00-0016 2" Pipe Connection, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0002)*

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 31 16 00-0017	EA	90,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131D11)	12,506.15	358.66
22 31 16 00-0018	EA	120,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131E11)	12,961.61	373.01
22 31 16 00-0019	EA	150,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131F11)	14,702.07	387.35
22 31 16 00-0020	EA	210,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131G11)	15,922.47	401.70
22 31 16 00-0021	EA	300,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131H11)	18,719.38	416.05
22 31 16 00-0022	EA	450,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131I11)	24,743.93	430.40
22 31 16 00-0023	EA	600,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131J11)	28,972.75	444.74
22 31 16 00-0024		3" Pipe Connection, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0002)*		
		Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0025	EA	300,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151H11)	30,435.90	416.05
22 31 16 00-0026	EA	450,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151I11)	35,184.79	430.40
22 31 16 00-0027	EA	600,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151J11)	39,357.63	444.74
22 31 16 00-0028	EA	900,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151K11)	49,598.63	459.09
22 31 16 00-0029	EA	1050,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151L11)	54,935.22	473.43
22 31 16 00-0030		Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0001)*		
22 31 16 00-0031		2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0030)*		
		Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and two fully automatic metered demand control valves.		
22 31 16 00-0032	EA	90,000 Grain Capacity, 2" Diameter Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131D21)	20,549.11	538.00
22 31 16 00-0033	EA	120,000 Grain Capacity, 2" Diameter Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131E21)	21,462.03	559.51
22 31 16 00-0034	EA	150,000 Grain Capacity, 2" Diameter Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131F21)	24,464.51	581.03
22 31 16 00-0035	EA	210,000 Grain Capacity, 2" Diameter Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131G21)	26,762.70	602.56
22 31 16 00-0036	EA	300,000 Grain Capacity, 2" Diameter Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131H21)	32,719.97	624.07
22 31 16 00-0037	EA	450,000 Grain Capacity, 2" Diameter Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131I21)	43,430.09	645.59
22 31 16 00-0038	EA	600,000 Grain Capacity, 2" Diameter Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131J21)	51,159.75	667.12
22 31 16 00-0039		3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0030)*		
		Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and two fully automatic metered demand control valves.		
22 31 16 00-0040	EA	300,000 Grain Capacity, 3" Diameter Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151H21)	55,957.12	624.07
22 31 16 00-0041	EA	450,000 Grain Capacity, 3" Diameter Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151I21)	64,316.46	645.59
22 31 16 00-0042	EA	600,000 Grain Capacity, 3" Diameter Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151J21)	72,304.99	667.12
22 31 16 00-0043	EA	900,000 Grain Capacity, 3" Diameter Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151K21)	92,075.36	688.63
22 31 16 00-0044	EA	1,050,000 Grain Capacity, 3" Diameter Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151L21)	102,829.77	710.15
22 31 16 00-0045		Twin Alternating, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0001)*		
22 31 16 00-0046		1" Pipe Connection, Twin Alternating, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0045)*		
		Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0047	EA	30,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161A21)	7,108.30	473.43
22 31 16 00-0048	EA	45,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161B21)	7,585.12	494.96
22 31 16 00-0049	EA	60,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161C21)	8,283.47	516.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 31 16 00-0050	EA	90,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161D21)	9,977.65	538.00
22 31 16 00-0051	EA	120,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21)	11,051.49	559.51
22 31 16 00-0052		1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0045)*		
		Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0053	EA	60,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161A21)	14,097.42	516.47
22 31 16 00-0054	EA	90,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161B21)	14,868.09	538.00
22 31 16 00-0055	EA	120,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161C21)	16,011.88	559.51
22 31 16 00-0056	EA	150,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161D21)	18,354.38	581.03
22 31 16 00-0057	EA	210,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21)	20,731.87	602.56
22 31 16 00-0058	EA	300,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21)	26,015.16	624.07

22 32 Domestic Water Filtration Equipment *(22 30)*

22 32 16 Domestic-Water Freestanding Cartridge Filters *(22 32)*

22 32 16 00-0001 Commercial Water Filters Housings *(22 32 16)*

22 32 16 00-0002 Commercial Multi-Cartridge Stainless Steel Water Filter Housings *(22 32 16 00-0001)*

22 32 16 00-0003 Commercial Multi-Cartridge Stainless Steel Water Filter Housings *(22 32 16 00-0002)*

22 32 16 00-0004	EA	25 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X1)	2,795.66	202.62
22 32 16 00-0005	EA	30 GPM Max Flow Rate, 5 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS5X1)	2,847.82	218.21
22 32 16 00-0006	EA	60 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X2)	3,030.58	233.79
22 32 16 00-0007	EA	90 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X3)	3,357.93	249.38
22 32 16 00-0008	EA	120 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X4)	3,456.73	264.96
22 32 16 00-0009	EA	150 GPM Max Flow Rate, 5 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS5X4)	4,201.52	280.56
22 32 16 00-0010	EA	250 GPM Max Flow Rate, 12 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS12X3)	11,942.66	296.14
22 32 16 00-0011	EA	300 GPM Max Flow Rate, 12 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS12X4)	13,902.48	311.73
22 32 16 00-0012	EA	500 GPM Max Flow Rate, 22 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS22X3)	17,669.69	327.31
22 32 16 00-0013	EA	600 GPM Max Flow Rate, 22 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS22X4)	19,606.20	342.90

22 32 16 00-0014 Commercial Water Filter Cartridges *(22 32 16 00-0002)*

22 32 16 00-0015 (Depth) Water Filter Cartridges *(22 32 16 00-0014)*

22 32 16 00-0016	EA	50 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M50)	13.73	2.50
22 32 16 00-0017	EA	20 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M20)	13.73	2.50
22 32 16 00-0018	EA	10 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M10)	13.73	2.50
22 32 16 00-0019	EA	5 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M5)	11.39	2.50
22 32 16 00-0020	EA	1 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M1)	14.31	2.50
22 32 16 00-0021	EA	50 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M50)	14.31	2.50
22 32 16 00-0022	EA	20 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M20)	15.47	2.50
22 32 16 00-0023	EA	5 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Big Pure Water PWMB20M5)	19.56	2.50
22 32 16 00-0024	EA	1 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M1)	15.47	2.50
22 32 16 00-0025	EA	50 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M50)	18.39	2.50
22 32 16 00-0026	EA	20 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M20)	18.39	2.50
22 32 16 00-0027	EA	5 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M5)	18.39	2.50
22 32 16 00-0028	EA	1 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M1)	20.14	2.50
22 32 16 00-0029	EA	50 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M50)	26.55	2.50
22 32 16 00-0030	EA	20 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M20)	24.22	2.50
22 32 16 00-0031	EA	5 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M5)	24.22	2.50
22 32 16 00-0032	EA	1 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M1)	26.55	2.50

22 32 16 00-0033 Pleated Water Filter Cartridges *(22 32 16 00-0014)*

22 32 16 00-0034	EA	50 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M50)	24.80	2.50
22 32 16 00-0035	EA	20 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M20)	24.80	2.50
22 32 16 00-0036	EA	5 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M5)	25.39	2.50
22 32 16 00-0037	EA	1 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M1)	27.14	2.50
22 32 16 00-0038	EA	1 Micron Absolute, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M1AB)	41.13	2.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 32 16 00-0039	EA	50 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M50)	39.38	2.50
22 32 16 00-0040	EA	20 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M20)	39.38	2.50
22 32 16 00-0041	EA	5 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Big Pure Water PWPL20M5)	39.38	2.50
22 32 16 00-0042	EA	1 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M1)	52.21	2.50
22 32 16 00-0043	EA	1 Micron Absolute, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M1AB)	74.36	2.50
22 32 16 00-0044	EA	50 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M50)	62.12	2.50
22 32 16 00-0045	EA	20 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M20)	86.60	2.50
22 32 16 00-0046	EA	5 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M5)	90.10	2.50
22 32 16 00-0047	EA	1 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M1)	101.76	2.50
22 32 16 00-0048		Commercial Non-Metallic Water Filter Housings *(22 32 16 00-0001)*		
22 32 16 00-0049		Commercial Non-Metallic Water Filter Housings *(22 32 16 00-0048)*		
22 32 16 00-0050	EA	150 GPM Max Flow Rate, 1 Cartridge, Commercial Non-Metallic Water Filter Housing (Watts Big Bubba® PWWJCHSG)	2,194.28	187.04
22 32 16 00-0051		Commercial Water Filter Cartridges *(22 32 16 00-0048)*		
22 32 16 00-0052		Carbon Water Filter Cartridges *(22 32 16 00-0051)*		
22 32 16 00-0053	EA	Activated 26-1/4" Length, Carbon Water Filter Cartridge (Watts Big Bubba® PWWJCAC5)	731.43	2.50
22 32 16 00-0054		(Depth) Water Filter Cartridges *(22 32 16 00-0051)*		
22 32 16 00-0055	EA	50 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB50)	151.32	2.50
22 32 16 00-0056	EA	20 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB20)	150.15	2.50
22 32 16 00-0057	EA	5 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB5)	150.15	2.50
22 32 16 00-0058	EA	1 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB1)	172.31	2.50
22 32 16 00-0059		Pleated Water Filter Cartridges *(22 32 16 00-0051)*		
22 32 16 00-0060	EA	150 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCM150)	401.44	2.50
22 32 16 00-0061	EA	50 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP50)	376.95	2.50
22 32 16 00-0062	EA	20 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP20)	410.77	2.50
22 32 16 00-0063	EA	5 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP5)	430.59	2.50
22 32 16 00-0064	EA	1 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP1)	458.58	2.50
22 32 16 00-0065	EA	1 Absolute, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP1AB)	497.06	2.50

22 33 Electric Domestic Water Heaters *(22 30)*

22 33 13 Instantaneous Electric Domestic Water Heaters *(22 33)*

22 33 13 13 Flow-Control, Instantaneous Electric Domestic Water Heaters *(22 33 13)*

22 33 13 13-0001 Flow Controlled, Instantaneous, Tankless, Electric Domestic Water Heaters *(22 33 13 13)*

22 33 13 13-0002	EA	3 To 10 KW Flow Controlled, Instantaneous, Tankless, Electric Domestic Water Heater (Eemax EX3012, EX48, EX65, EX75, EX95)	627.04	62.33
22 33 13 13-0003	EA	7.2 KW, 0.75 GPM, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch RP7P)	648.48	62.33

22 33 13 16 Thermostat-Control, Instantaneous Electric Domestic Water Heaters *(22 33 13)*

22 33 13 16-0001 Thermostat Controlled, Instantaneous, Tankless, Electric Domestic Water Heaters *(22 33 13 16)*

Note: Temperature rise decreases with increased flow rate.

22 33 13 16-0002	EA	3 To 10 KW Thermostat-Control, Instantaneous, Tankless, Electric Domestic Water Heater (Eemax EX3012T, EX48T, EX65T, EX75T, EX95T, EX012240T)	828.63	93.48
22 33 13 16-0003	EA	12 KW, 2.0 GPM, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE12)	817.18	124.64
22 33 13 16-0004	EA	17.25 KW, 2.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE115)	1,382.97	218.13
22 33 13 16-0005	EA	26.85 KW, 4.0 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE125)	2,108.04	249.28
22 33 13 16-0006	EA	12 KW, 1.6 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 12 Plus)	1,703.52	124.64
22 33 13 16-0007	EA	14.4 KW, 2.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 15 Plus)	2,321.32	186.97
22 33 13 16-0008	EA	19.2 KW, 2.8 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 20 Plus)	2,541.24	249.28
22 33 13 16-0009	EA	24 KW, 3.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 24 Plus)	2,642.11	249.28
22 33 13 16-0010	EA	28.8 KW, 4.5 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 29 Plus)	2,737.38	249.28
22 33 13 16-0011	EA	36 KW, 4.5 GPM At 55 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 36 Plus)	2,877.48	249.28

22 33 30 Residential, Electric Domestic Water Heaters *(22 33)*

22 33 30 13 Residential, Small-Capacity Electric Domestic Water Heaters *(22 33 30)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 33 30 13-0001		Small-Capacity, Electric Domestic Water Heaters (A.O. Smith ProMax) *(22 33 30 13)* Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
22 33 30 13-0002	EA	2 Gallon, Small-Capacity, Electric Domestic Water Heater	1,132.20	196.32
22 33 30 13-0003	EA	10 Gallon, Small-Capacity, Electric Domestic Water Heater	1,403.70	208.78
22 33 30 13-0004	EA	20 Gallon, Small-Capacity, Electric Domestic Water Heater	1,668.98	218.13
22 33 30 16		**Residential, Storage Electric Domestic Water Heaters** *(22 33 30)*		
22 33 30 16-0001		Electric Domestic Water Heaters (A.O. Smith ProMax) *(22 33 30 16)* Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
22 33 30 16-0002	EA	30 Gallon, Electric Domestic Water Heater	1,789.49	218.13
22 33 30 16-0003	EA	40 Gallon, Electric Domestic Water Heater	1,675.28	224.36
22 33 30 16-0004	EA	50 Gallon, Electric Domestic Water Heater	1,644.59	230.60
22 33 30 16-0005	EA	55 Gallon, Electric Domestic Water Heater	1,845.77	233.71
22 33 30 16-0006	EA	66 Gallon, Electric Domestic Water Heater	2,723.57	239.93
22 33 30 16-0007	EA	80 Gallon, Electric Domestic Water Heater	2,773.09	249.28
22 33 30 16-0008	EA	120 Gallon, Electric Domestic Water Heater	3,717.04	264.86
22 33 30 16-0009		Low-Boy, Electric Domestic Water Heaters (A.O. Smith ProMax) *(22 33 30 16)* Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
22 33 30 16-0010	EA	30 Gallon, Low-Boy, Electric Domestic Water Heater	1,927.88	218.13
22 33 30 16-0011	EA	40 Gallon, Low-Boy, Electric Domestic Water Heater	1,829.39	224.36
22 33 30 16-0012	EA	50 Gallon, Low-Boy, Electric Domestic Water Heater	1,940.48	230.60
22 33 30 16-0013		High Efficiency, Electric Domestic Water Heaters (A.O. Smith Conservationist) *(22 33 30 16)* Note: Includes .95 energy factor glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
22 33 30 16-0014	EA	40 Gallon, High Efficiency, Electric Domestic Water Heater	1,991.05	224.36
22 33 30 16-0015	EA	50 Gallon, High Efficiency, Electric Domestic Water Heater	2,180.89	230.60
22 33 30 16-0016	EA	66 Gallon, High Efficiency, Electric Domestic Water Heater	2,701.84	239.93
22 33 30 16-0017	EA	80 Gallon, High Efficiency, Electric Domestic Water Heater	2,942.46	249.28
22 33 30 16-0018		Water Heater Accessories *(22 33 30 16)*		
22 33 30 16-0019	EA	2 Gallon, Expansion Pressure Tank For Water Heaters	154.54	12.47
22 33 30 16-0020	EA	4.4 Gallon, Expansion Pressure Tank For Water Heaters	183.45	12.47
22 33 30 16-0021	EA	7.6 Gallon, Expansion Pressure Tank For Water Heaters	362.09	12.47
22 33 30 16-0022	EA	14 Gallon, Expansion Pressure Tank For Water Heaters	487.81	12.47
22 33 30 16-0023	EA	20" Diameter, 2-1/2" Deep, Aluminum Water Heater Drain Pan	79.77	9.35
22 33 30 16-0024	EA	22" Diameter, 2-1/2" Deep, Aluminum Water Heater Drain Pan	87.13	9.35
22 33 30 16-0025	EA	24" Diameter, 2-1/2" Deep, Aluminum Water Heater Drain Pan	92.04	9.35
22 33 30 16-0026	EA	26" Diameter, 2-1/2" Deep, Aluminum Water Heater Drain Pan	109.21	9.35
22 33 30 16-0027	EA	22" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	42.86	9.35
22 33 30 16-0028	EA	24" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	46.78	9.35
22 33 30 16-0029	EA	26" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	52.30	9.35
22 33 30 16-0030	EA	28" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	59.40	9.35
22 33 30 16-0031	EA	Earthquake Straps For Up To 80 Gallon Water Heater	65.02	12.47
22 33 30 23		**Residential, Collector-To-Tank, Solar-Electric Domestic Water Heaters** *(22 33 30)*		
22 33 30 23-0001		Solar Electric Domestic Water Heaters (A.O. Smith CIRREX) *(22 33 30 23)* Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
22 33 30 23-0002	EA	80 Gallon, Solar Electric Domestic Water Heater	4,623.12	249.28
22 33 30 23-0003	EA	120 Gallon, Solar Electric Domestic Water Heater	5,555.41	264.86
22 33 33		**Light-Commercial Electric Domestic Water Heaters** *(22 33)*		
22 33 33 00-0001		Water Heater Accessories *(22 33 33)*		
22 33 33 00-0002	EA	Up To 80 Gallon Water Heater Strap Note: Includes (4) Straps (4) J-Clips (4) Lag Bolts (2) 3/8" Carraige Bolts (2) 3/8" Hex Nuts	51.97	
22 33 33 00-0003	EA	>80 To 120 Gallon Water Heater Strap Note: Includes (4) Straps (4) J-Clips (4) Lag Bolts (2) 3/8" Carraige Bolts (2) 3/8" Hex Nuts	76.16	
22 33 33 00-0004		Removal And Reinstallation Of Water Heater *(22 33 33)* Note: Includes storage and cleaning.		
22 33 33 00-0005	EA	Removal And Reinstallation Of Water Heater Electric, Up To 82 Gallon	415.48	
22 33 33 00-0006	EA	Removal And Reinstallation Of Water Heater Electric, 83 Gallon To 200 Gallon	1,246.44	
22 33 36		**Commercial Domestic Water Electric Booster Heaters** *(22 33)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 33 36 16		**Commercial Storage Electric Domestic Water Heaters** *(22 33 36)*		
22 33 36 16-0001		Commercial Storage Electric Domestic Water Heaters *(22 33 36 16)*		
22 33 36 16-0002	EA	150 Gallon, 15 KW, 480 Voltage, Commercial Electric Water Heater	41,347.30	845.73
22 33 36 16-0003	EA	150 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater	43,381.73	845.73
22 33 36 16-0004	EA	150 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater	45,416.18	845.73
22 33 36 16-0005	EA	150 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	47,450.61	845.73
22 33 36 16-0006	EA	150 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	51,519.47	845.73
22 33 36 16-0007	EA	150 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	55,588.35	845.73
22 33 36 16-0008	EA	150 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	58,843.45	845.73
22 33 36 16-0009	EA	200 Gallon, 15 KW, 480 Voltage, Commercial Electric Water Heater	44,053.34	993.74
22 33 36 16-0010	EA	200 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater	46,103.42	993.74
22 33 36 16-0011	EA	200 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater	48,153.51	993.74
22 33 36 16-0012	EA	200 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	50,203.59	993.74
22 33 36 16-0013	EA	200 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	54,303.76	993.74
22 33 36 16-0014	EA	200 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	58,403.93	993.74
22 33 36 16-0015	EA	200 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	61,684.07	993.74
22 33 36 16-0016	EA	200 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	66,604.26	993.74
22 33 36 16-0017	EA	250 Gallon, 15 KW, 480 Voltage, Commercial Electric Water Heater	45,752.29	1,131.17
22 33 36 16-0018	EA	250 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater	47,772.81	1,131.17
22 33 36 16-0019	EA	250 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater	49,793.34	1,131.17
22 33 36 16-0020	EA	250 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	51,813.86	1,131.17
22 33 36 16-0021	EA	250 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	55,854.91	1,131.17
22 33 36 16-0022	EA	250 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	59,895.96	1,131.17
22 33 36 16-0023	EA	250 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	63,937.01	1,131.17
22 33 36 16-0024	EA	250 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	68,786.27	1,131.17
22 33 36 16-0025	EA	250 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	73,635.52	1,131.17
22 33 36 16-0026	EA	300 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater	50,472.45	1,300.32
22 33 36 16-0027	EA	300 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater	52,505.91	1,300.32
22 33 36 16-0028	EA	300 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	54,539.36	1,300.32
22 33 36 16-0029	EA	300 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	58,606.28	1,300.32
22 33 36 16-0030	EA	300 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	62,673.19	1,300.32
22 33 36 16-0031	EA	300 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	65,926.72	1,300.32
22 33 36 16-0032	EA	300 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	72,162.66	1,300.32
22 33 36 16-0033	EA	300 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	77,042.95	1,300.32
22 33 36 16-0034	EA	300 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater	79,483.10	1,300.32
22 33 36 16-0035	EA	300 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater	81,923.25	1,300.32
22 33 36 16-0036	EA	300 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater	84,363.40	1,300.32
22 33 36 16-0037	EA	350 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater	56,031.51	1,532.90
22 33 36 16-0038	EA	350 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater	57,937.07	1,532.90
22 33 36 16-0039	EA	350 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	59,842.64	1,532.90
22 33 36 16-0040	EA	350 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	63,653.76	1,532.90
22 33 36 16-0041	EA	350 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	67,464.88	1,532.90
22 33 36 16-0042	EA	350 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	70,513.78	1,532.90
22 33 36 16-0043	EA	350 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	75,087.13	1,532.90
22 33 36 16-0044	EA	350 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	79,660.47	1,532.90
22 33 36 16-0045	EA	350 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater	81,947.15	1,532.90
22 33 36 16-0046	EA	350 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater	84,233.82	1,532.90
22 33 36 16-0047	EA	350 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater	86,520.49	1,532.90
22 33 36 16-0048	EA	350 Gallon, 297 KW, 480 Voltage, Commercial Electric Water Heater	89,950.51	1,532.90
22 33 36 16-0049	EA	400 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater	61,442.58	1,691.47
22 33 36 16-0050	EA	400 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater	63,796.95	1,691.47
22 33 36 16-0051	EA	400 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	66,151.32	1,691.47
22 33 36 16-0052	EA	400 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	70,860.05	1,691.47
22 33 36 16-0053	EA	400 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	75,568.78	1,691.47
22 33 36 16-0054	EA	400 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	79,335.77	1,691.47
22 33 36 16-0055	EA	400 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	84,986.25	1,691.47
22 33 36 16-0056	EA	400 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	90,636.73	1,691.47
22 33 36 16-0057	EA	400 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater	93,461.96	1,691.47
22 33 36 16-0058	EA	400 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater	96,287.20	1,691.47
22 33 36 16-0059	EA	400 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater	99,112.45	1,691.47
22 33 36 16-0060	EA	400 Gallon, 306 KW, 480 Voltage, Commercial Electric Water Heater	104,762.92	1,691.47
22 33 36 16-0061	EA	400 Gallon, 324 KW, 480 Voltage, Commercial Electric Water Heater	107,588.16	1,691.47
22 33 36 16-0062	EA	500 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater	71,724.63	1,902.91
22 33 36 16-0063	EA	500 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater	74,233.73	1,902.91
22 33 36 16-0064	EA	500 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	76,742.82	1,902.91
22 33 36 16-0065	EA	500 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	81,761.02	1,902.91
22 33 36 16-0066	EA	500 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	86,779.22	1,902.91
22 33 36 16-0067	EA	500 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	90,793.77	1,902.91
22 33 36 16-0068	EA	500 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	96,815.61	1,902.91
22 33 36 16-0069	EA	500 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	102,837.45	1,902.91
22 33 36 16-0070	EA	500 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater	105,848.36	1,902.91
22 33 36 16-0071	EA	500 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater	108,859.28	1,902.91
22 33 36 16-0072	EA	500 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater	111,870.20	1,902.91
22 33 36 16-0073	EA	500 Gallon, 306 KW, 480 Voltage, Commercial Electric Water Heater	117,892.04	1,902.91
22 33 36 16-0074	EA	500 Gallon, 324 KW, 480 Voltage, Commercial Electric Water Heater	120,902.96	1,902.91
22 33 36 16-0075	EA	500 Gallon, 360 KW, 480 Voltage, Commercial Electric Water Heater	126,924.79	1,902.91
22 33 36 16-0076	EA	500 Gallon, 396 KW, 480 Voltage, Commercial Electric Water Heater	132,946.62	1,902.91
22 33 36 16-0077	EA	600 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater	84,197.61	2,114.34
22 33 36 16-0078	EA	600 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater	87,114.88	2,114.34
22 33 36 16-0079	EA	600 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	90,032.16	2,114.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 33 36 16-0080	EA	600 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	95,866.69	2,114.34
22 33 36 16-0081	EA	600 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	101,701.24	2,114.34
22 33 36 16-0082	EA	600 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	106,368.87	2,114.34
22 33 36 16-0083	EA	600 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	112,390.71	2,114.34
22 33 36 16-0084	EA	600 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	119,392.16	2,114.34
22 33 36 16-0085	EA	600 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater	122,892.89	2,114.34
22 33 36 16-0086	EA	600 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater	126,393.61	2,114.34
22 33 36 16-0087	EA	600 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater	129,894.33	2,114.34
22 33 36 16-0088	EA	600 Gallon, 306 KW, 480 Voltage, Commercial Electric Water Heater	137,875.40	2,114.34
22 33 36 16-0089	EA	600 Gallon, 324 KW, 480 Voltage, Commercial Electric Water Heater	144,876.85	2,114.34
22 33 36 16-0090	EA	600 Gallon, 360 KW, 480 Voltage, Commercial Electric Water Heater	148,377.58	2,114.34
22 33 36 16-0091	EA	600 Gallon, 396 KW, 480 Voltage, Commercial Electric Water Heater	155,379.02	2,114.34
22 33 36 16-0092	EA	800 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	97,116.60	2,822.64
22 33 36 16-0093	EA	800 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	103,061.50	2,822.64
22 33 36 16-0094	EA	800 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	109,006.40	2,822.64
22 33 36 16-0095	EA	800 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	113,762.32	2,822.64
22 33 36 16-0096	EA	800 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	120,896.21	2,822.64
22 33 36 16-0097	EA	800 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	128,030.08	2,822.64
22 33 36 16-0098	EA	800 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater	131,597.03	2,822.64
22 33 36 16-0099	EA	800 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater	135,163.97	2,822.64
22 33 36 16-0100	EA	800 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater	138,730.90	2,822.64
22 33 36 16-0101	EA	800 Gallon, 306 KW, 480 Voltage, Commercial Electric Water Heater	145,864.79	2,822.64
22 33 36 16-0102	EA	800 Gallon, 324 KW, 480 Voltage, Commercial Electric Water Heater	152,998.68	2,822.64
22 33 36 16-0103	EA	800 Gallon, 360 KW, 480 Voltage, Commercial Electric Water Heater	156,565.61	2,822.64
22 33 36 16-0104	EA	800 Gallon, 396 KW, 480 Voltage, Commercial Electric Water Heater	163,699.50	2,822.64
22 33 36 16-0105	EA	1,000 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	113,731.38	3,626.08
22 33 36 16-0106	EA	1,000 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	118,821.28	3,626.08
22 33 36 16-0107	EA	1,000 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	123,911.18	3,626.08
22 33 36 16-0108	EA	1,000 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	127,983.11	3,626.08
22 33 36 16-0109	EA	1,000 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	134,091.00	3,626.08
22 33 36 16-0110	EA	1,000 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	140,198.89	3,626.08
22 33 36 16-0111	EA	1,000 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater	143,252.82	3,626.08
22 33 36 16-0112	EA	1,000 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater	146,306.77	3,626.08
22 33 36 16-0113	EA	1,000 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater	149,360.71	3,626.08
22 33 36 16-0114	EA	1,000 Gallon, 306 KW, 480 Voltage, Commercial Electric Water Heater	155,468.59	3,626.08
22 33 36 16-0115	EA	1,000 Gallon, 324 KW, 480 Voltage, Commercial Electric Water Heater	161,576.48	3,626.08
22 33 36 16-0116	EA	1,000 Gallon, 360 KW, 480 Voltage, Commercial Electric Water Heater	164,630.42	3,626.08
22 33 36 16-0117	EA	1,000 Gallon, 396 KW, 480 Voltage, Commercial Electric Water Heater	170,738.30	3,626.08
22 33 36 16-0118	EA	1,250 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	126,208.88	4,228.67
22 33 36 16-0119	EA	1,250 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	130,885.98	4,228.67
22 33 36 16-0120	EA	1,250 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	135,563.08	4,228.67
22 33 36 16-0121	EA	1,250 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	139,304.76	4,228.67
22 33 36 16-0122	EA	1,250 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	144,917.29	4,228.67
22 33 36 16-0123	EA	1,250 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	150,529.81	4,228.67
22 33 36 16-0124	EA	1,250 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater	153,336.07	4,228.67
22 33 36 16-0125	EA	1,250 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater	156,142.33	4,228.67
22 33 36 16-0126	EA	1,250 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater	158,948.60	4,228.67
22 33 36 16-0127	EA	1,250 Gallon, 306 KW, 480 Voltage, Commercial Electric Water Heater	164,561.11	4,228.67
22 33 36 16-0128	EA	1,250 Gallon, 324 KW, 480 Voltage, Commercial Electric Water Heater	170,173.63	4,228.67
22 33 36 16-0129	EA	1,250 Gallon, 360 KW, 480 Voltage, Commercial Electric Water Heater	172,979.89	4,228.67
22 33 36 16-0130	EA	1,250 Gallon, 396 KW, 480 Voltage, Commercial Electric Water Heater	178,592.42	4,228.67
22 33 36 16-0131	EA	1,250 Gallon, 432 KW, 480 Voltage, Commercial Electric Water Heater	184,204.94	4,228.67
22 33 36 16-0132	EA	1,500 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	138,509.92	5,074.41
22 33 36 16-0133	EA	1,500 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	143,028.71	5,074.41
22 33 36 16-0134	EA	1,500 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	147,547.51	5,074.41
22 33 36 16-0135	EA	1,500 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	151,162.54	5,074.41
22 33 36 16-0136	EA	1,500 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	156,585.09	5,074.41
22 33 36 16-0137	EA	1,500 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	162,007.65	5,074.41
22 33 36 16-0138	EA	1,500 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater	164,718.92	5,074.41
22 33 36 16-0139	EA	1,500 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater	167,430.20	5,074.41
22 33 36 16-0140	EA	1,500 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater	170,141.47	5,074.41
22 33 36 16-0141	EA	1,500 Gallon, 306 KW, 480 Voltage, Commercial Electric Water Heater	175,564.03	5,074.41
22 33 36 16-0142	EA	1,500 Gallon, 324 KW, 480 Voltage, Commercial Electric Water Heater	180,986.58	5,074.41
22 33 36 16-0143	EA	1,500 Gallon, 360 KW, 480 Voltage, Commercial Electric Water Heater	183,697.85	5,074.41
22 33 36 16-0144	EA	1,500 Gallon, 396 KW, 480 Voltage, Commercial Electric Water Heater	189,120.40	5,074.41
22 33 36 16-0145	EA	1,500 Gallon, 432 KW, 480 Voltage, Commercial Electric Water Heater	194,542.96	5,074.41

22 34 Fuel-Fired Domestic Water Heaters *(22 30)*

22 34 13 Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34)*

22 34 13 00-0001 Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34 13)*

22 34 13 00-0002 Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34 13 00-0001)*

Note: Includes vent connection. Excludes vent.

22 34 13 00-0003	EA	4.2 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-42PVN)	2,537.46	249.28
22 34 13 00-0004	EA	5.3 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53PVN)	2,757.28	252.40
22 34 13 00-0005	EA	5.3 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53DVN)	3,041.59	258.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 34 13 00-0006	EA	6.6 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-66DVN)	3,578.04	264.86
22 34 13 00-0007	EA	7.4 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74PVN)	4,370.67	280.45
22 34 13 00-0008	EA	7.4 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74DVN)	4,467.76	280.45
22 34 13 00-0009		Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34 13 00-0001)*		
22 34 13 00-0010	EA	5.3 GPM, Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53XN)	2,751.05	249.28
22 34 13 00-0011	EA	7.4 GPM, Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74XN)	4,370.67	280.45
22 34 30		**Residential Gas Domestic Water Heaters** *(22 34)*		
22 34 30 13		**Residential, Atmospheric, Gas Domestic Water Heaters** *(22 34 30)*		
22 34 30 13-0001		Atmospheric, Gas Domestic Water Heaters (A.O. Smith ProMax) *(22 34 30 13)* Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 30 13-0002	EA	30 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCV-30)	1,866.72	239.93
22 34 30 13-0003	EA	40 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCV-40)	1,826.78	246.17
22 34 30 13-0004	EA	50 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCVX-50)	2,477.26	252.40
22 34 30 13-0005	EA	65 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smiith GCV-65)	2,690.22	258.63
22 34 30 13-0006	EA	75 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith FCG-75)	2,949.11	264.86
22 34 30 13-0007	EA	100 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith FCG-100)	4,432.13	280.45
22 34 30 16		**Residential, Direct-Vent, Gas Domestic Water Heaters** *(22 34 30)*		
22 34 30 16-0001		Direct-Vent, Gas Domestic Water Heaters (A.O. Smith ProMax) *(22 34 30 16)* Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 30 16-0002	EA	40 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-40)	3,536.32	246.17
22 34 30 16-0003	EA	50 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-50)	4,049.19	252.40
22 34 30 16-0004	EA	75 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-75)	5,310.71	258.63
22 34 30 19		**Residential, Power-Vent, Gas Domestic Water Heaters** *(22 34 30)*		
22 34 30 19-0001		Power-Vent, Gas Domestic Water Heaters (A.O. Smith ProMax) *(22 34 30 19)* Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 30 19-0002	EA	40 Gallon, Power-Vent, Gas Domestic Water Heater (A. O. Smith GPVH-40)	3,198.36	246.17
22 34 30 19-0003	EA	50 Gallon, Power-Vent, Gas Domestic Water Heater (A. O. Smith GPVH-50)	3,334.12	252.40
22 34 36		**Commercial Gas Domestic Water Heaters** *(22 34)*		
22 34 36 13		**Commercial, Atmospheric, Gas Domestic Water Heaters** *(22 34 36)*		
22 34 36 13-0001		Gas Fired Commercial Water Heaters (A.O. Smith BTR) *(22 34 36 13)* Note: Includes automatic flue damper, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 36 13-0002	EA	120 MBH Input, 71 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-120)	6,509.00	373.93
22 34 36 13-0003	EA	154 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-154)	8,185.20	436.25
22 34 36 13-0004	EA	180 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-180)	8,535.45	498.58
22 34 36 13-0005	EA	199 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-199)	8,503.88	498.58
22 34 36 13-0006	EA	199 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-200)	8,700.23	498.58
22 34 36 13-0007	EA	199 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-200A)	10,801.17	548.44
22 34 36 13-0008	EA	250 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-250)	9,630.29	560.89
22 34 36 13-0009	EA	250 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-250A)	11,645.91	616.99
22 34 36 13-0010	EA	251 MBH Input, 65 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-251)	9,205.25	560.89
22 34 36 13-0011	EA	251 MBH Input, 65 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-251A)	11,200.85	616.99
22 34 36 13-0012	EA	275 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-275)	10,230.70	685.54
22 34 36 13-0013	EA	275 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-275A)	12,280.49	754.09
22 34 36 13-0014	EA	305 MBH Input, 65 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-305)	10,402.41	685.54
22 34 36 13-0015	EA	305 MBH Input, 65 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-305A)	12,353.64	754.09
22 34 36 13-0016	EA	365 MBH Input, 85 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-365)	11,627.39	747.86
22 34 36 13-0017	EA	365 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-365A)	13,625.73	822.65
22 34 36 13-0018	EA	390 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-400)	14,146.06	747.86
22 34 36 13-0019	EA	390 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-400A)	16,058.93	822.65
22 34 36 13-0020	EA	500 MBH Input, 85 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-500)	15,869.99	810.19
22 34 36 13-0021	EA	Sidewall Power Vent System For BTR-120 through BTR-200	1,652.82	311.61
22 34 36 13-0022	EA	Sidewall Power Vent System For BTR-250 through BTR-500	1,969.62	311.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 34 36 13-0023		**Removal And Reinstallation Of Water Heater** *(22 34 36 13)* Note: Includes storage and cleaning.		
22 34 36 13-0024	EA	Removal And Reinstallation Of Water Heater Gas Fired, Up To 86 Gallon	566.56	
22 34 36 13-0025	EA	Removal And Reinstallation Of Water Heater Gas Fired, 87 Gallon To 200 Gallon	1,498.12	
22 34 36 19		**Commercial, Power-Vent, Gas Domestic Water Heaters** *(22 34 36)*		
22 34 36 19-0001		**Condensing Gas Fired Commercial Water Heaters (A.O. Smith BTX And BTH)** *(22 34 36 19)* Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 36 19-0002	EA	76 MBH Input, 50 Gallon, 90% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTX-80)	3,802.45	373.93
22 34 36 19-0003	EA	100 MBH Input, 50 Gallon, 90% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTX-100)	5,153.80	373.93
22 34 36 19-0004	EA	120 MBH Input, 60 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-120)	7,243.58	373.93
22 34 36 19-0005	EA	120 MBH Input, 60 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-120A)	9,187.16	411.32
22 34 36 19-0006	EA	150 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-150)	9,710.57	436.25
22 34 36 19-0007	EA	150 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-150A)	11,886.83	479.88
22 34 36 19-0008	EA	199 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-199)	9,688.91	498.58
22 34 36 19-0009	EA	199 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-199A)	12,143.28	548.44
22 34 36 19-0010	EA	250 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-250)	11,268.85	560.89
22 34 36 19-0011	EA	250 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-250A)	13,230.57	616.99
22 34 36 19-0012	EA	300 MBH Input, 119 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-300A)	14,709.84	754.09
22 34 36 19-0013	EA	399.9 MBH Input, 119 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-400A)	16,104.36	822.65
22 34 36 19-0014	EA	499.9 MBH Input, 119 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-500A)	17,652.88	891.20
22 34 36 19-0015		**Gas Fired Commercial Water Heaters (Rheem-Ruud)** *(22 34 36 19)* Note: Includes automatic flue damper, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 36 19-0016	EA	199 MBH Input, 100 Gallon, Universal Gas Fired Commercial Water Heater (Rheem-Ruud G100-200)	11,724.37	498.58
22 34 36 23		**Commercial, High-Efficiency, Gas Domestic Water Heaters** *(22 34 36)*		
22 34 36 23-0001		**Gas Fired Domestic Hot Water Skid Package (Laars Mighty Therm)** *(22 34 36 23)* Note: Includes (2) Laars Mighty Therm boilers, (2) B&G boiler primary pumps (one per boiler), T&P valve, circuit setter, storage tank (sized for 10 minutes buffer based on 50 degree city water supply, and operating set point for the tank at 130 degrees storage), and all necessary accessories for system monitoring such as gauges and thermometers. UL listed and labeled. Excludes piping insulation or seismic calculations.		
22 34 36 23-0002	EA	400 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-400)	100,504.74	1,691.47
22 34 36 23-0003	EA	1,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-1000)	121,619.90	1,797.18
22 34 36 23-0004	EA	2,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-2000)	147,888.12	1,902.91
22 34 36 23-0005	EA	3,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-3000)	176,901.21	2,008.62
22 34 36 23-0006	EA	4,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-4000)	185,418.00	2,114.34
22 34 36 23-0007		**Gas Fired Volume Water Heater (Laars Mighty Therm)** *(22 34 36 23)*		
22 34 36 23-0008	EA	200 MBH Gas Fired Volume Water Heater (Laars MT2V0200)	12,361.94	918.64
22 34 36 23-0009	EA	300 MBH Gas Fired Volume Water Heater (Laars MT2V0300)	13,403.25	1,033.47
22 34 36 23-0010	EA	400 MBH Gas Fired Volume Water Heater (Laars MT2V0400)	15,503.70	1,263.14
22 34 36 23-0011	EA	500 MBH Gas Fired Volume Water Heater (Laars MT2V0500)	22,703.72	1,377.97
22 34 36 23-0012	EA	750 MBH Gas Fired Volume Water Heater (Laars MT2V0750)	24,949.11	1,607.62
22 34 36 23-0013	EA	1,000 MBH Gas Fired Volume Water Heater (Laars MT2V1000)	28,539.07	1,837.28
22 34 36 23-0014	EA	1,250 MBH Gas Fired Volume Water Heater (Laars MT2V1250)	31,518.06	2,066.95
22 34 36 23-0015	EA	1,500 MBH Gas Fired Volume Water Heater (Laars MT2V1500)	37,723.58	2,296.61
22 34 36 23-0016	EA	1,750 MBH Gas Fired Volume Water Heater (Laars MT2V1750)	39,137.26	2,411.43
22 34 36 23-0017	EA	2,000 MBH Gas Fired Volume Water Heater (Laars MT2V2000)	42,000.33	2,526.26
22 34 36 23-0018		**Gas Fired Condensing Volume Water Heaters, High Efficiency (Laars NeoTherm)** *(22 34 36 23)* Note: Includes relief valve, pump, flow switch, drain valve, low air pressure switch, hi limit reset switch and copper finned heat exchanger.		
22 34 36 23-0019	EA	150 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV150)	21,269.56	688.86
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0020	EA	199 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV199)	24,743.76	918.64
		For Skid Mounting, Add	*950.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 34 36 23-0021	EA	285 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV285)	32,441.08	1,033.47
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0022	EA	399 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV399)	40,748.98	1,263.14
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0023	EA	500 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV500)	48,180.04	1,377.97
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0024	EA	600 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV600)	54,503.17	1,492.79
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0025	EA	750 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV750)	65,483.62	1,607.62
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0026	EA	850 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV850)	72,591.51	1,722.45
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0027	EA	1,000 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV1000)	95,601.44	1,837.28
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0028	EA	1,700 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV1700)	128,531.17	2,411.43
		For Skid Mounting, Add	*950.00*	

22 34 36 26 Commercial, Coil-Type, Finned-Tube, Gas Domestic Water Heaters *(22 34 36)*

22 34 36 26-0001 Laars Rheos+ 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heaters *(22 34 36 26)*

22 34 36 26-0002	EA	1,200 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	36,813.54	1,745.42
22 34 36 26-0003	EA	1,600 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	51,986.53	1,929.15
22 34 36 26-0004	EA	2,000 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	56,408.74	2,021.01
22 34 36 26-0005	EA	2,400 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	61,097.20	2,204.74

22 34 36 26-0006 Laars Rheos 86% Efficient Gas Fired, Copper Fin Tube LoNox Water Heaters *(22 34 36 26)*

22 34 36 26-0007	EA	1,200 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	32,651.24	1,745.42
22 34 36 26-0008	EA	1,600 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	36,071.12	1,929.15
22 34 36 26-0009	EA	2,000 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	39,431.67	2,021.01
22 34 36 26-0010	EA	2,400 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	42,841.99	2,204.74

22 34 36 26-0011 Laars Pennant 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heaters *(22 34 36 26)*

22 34 36 26-0012	EA	200 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	8,393.96	826.78
22 34 36 26-0013	EA	300 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	9,234.83	918.64
22 34 36 26-0014	EA	400 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	10,846.54	1,102.37
22 34 36 26-0015	EA	500 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	15,286.02	1,148.30
22 34 36 26-0016	EA	750 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	16,843.83	1,377.97
22 34 36 26-0017	EA	1,000 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	20,771.93	1,653.56
22 34 36 26-0018	EA	1,250 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	23,608.79	1,745.42
22 34 36 26-0019	EA	1,500 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	26,167.34	1,883.22
22 34 36 26-0020	EA	1,750 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	28,561.71	1,975.08
22 34 36 26-0021	EA	2,000 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	30,651.85	2,021.01

22 34 36 26-0022 Patterson Kelley Thermific Sealed Combustion, Gas Fired, Copper Fin Tube Water Heaters *(22 34 36 26)*

22 34 36 26-0023	EA	700 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	23,825.66	1,377.97
22 34 36 26-0024	EA	1,000 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	26,284.31	1,653.56
22 34 36 26-0025	EA	1,500 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	31,456.96	1,883.22
22 34 36 26-0026	EA	1,700 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	32,429.14	1,975.08
22 34 36 26-0027	EA	2,000 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	33,918.02	2,021.01

22 34 36 26-0028 Patterson Kelley Modufire Forced Draft, Water, Gas Fired, Copper Fin Tube Water Heaters *(22 34 36 26)*

22 34 36 26-0029	EA	1,000 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Modufire)	28,654.98	1,653.56
22 34 36 26-0030	EA	1,500 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Modufire)	34,602.71	1,883.22
22 34 36 26-0031	EA	2,000 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Modufire)	36,732.46	2,021.01

22 34 46 Oil-Fired Domestic Water Heaters *(22 34)*

22 34 46 11 Standard-capacity, Oil-Fired Domestic Water Heaters *(22 34 46)*

22 34 46 11-0001 Oil-Fired Domestic Water Heaters *(22 34 46 11)*

Note: Includes burner, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 46 11-0002	EA	60 MBH, 20 Gallon, Oil-Fired Domestic Water Heater (Bock 20E)	4,024.38	191.95
22 34 46 11-0003	EA	104 MBH, 32 Gallon, Oil-Fired Domestic Water Heater (Bock 32E)	3,975.02	191.95
22 34 46 11-0004	EA	104 MBH, 33 Gallon, Oil-Fired Domestic Water Heater (Bock 33ES)	4,133.60	191.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 34 46 11-0005	EA	125 MBH, 40 Gallon, Oil-Fired Domestic Water Heater (Bock 40E)	4,335.03	196.94
22 34 46 11-0006	EA	140 MBH, 50 Gallon, Oil-Fired Domestic Water Heater (Bock 50ES)	5,409.68	201.92
22 34 46 11-0007	EA	152 MBH, 50 Gallon, Oil-Fired Domestic Water Heater (Bock 51E)	4,625.53	201.92

22 34 46 13 Large-capacity, Oil-Fired Domestic Water Heaters *(22 34 46)*

22 34 46 13-0001 Commercial Oil-Fired Domestic Water Heaters *(22 34 46 13)*

22 34 46 13-0002	EA	140 Gallon, 140 MBH, 134 GPH, Glass Lined, Commercial Oil-Fired Water Heater	27,669.02	744.51
22 34 46 13-0003	EA	140 Gallon, 199 MBH, 191 GPH, Glass Lined, Commercial Oil-Fired Water Heater	28,590.75	792.88
22 34 46 13-0004	EA	140 Gallon, 255 MBH, 247 GPH, Glass Lined, Commercial Oil-Fired Water Heater	29,812.19	991.09
22 34 46 13-0005	EA	140 Gallon, 270 MBH, 259 GPH, Glass Lined, Commercial Oil-Fired Water Heater	37,072.92	1,321.46
22 34 46 13-0006	EA	160 Gallon, 400 MBH, 385 GPH, Glass Lined, Commercial Oil-Fired Water Heater	38,481.50	1,585.75
22 34 46 13-0007	EA	160 Gallon, 540 MBH, 519 GPH, Glass Lined, Commercial Oil-Fired Water Heater	40,153.78	1,651.83
22 34 46 13-0008	EA	160 Gallon, 720 MBH, 691 GPH, Glass Lined, Commercial Oil-Fired Water Heater	41,067.29	1,723.58
22 34 46 13-0009	EA	200 Gallon, 300 MBH, 288 GPH, Glass Lined, Commercial Oil-Fired Water Heater	53,324.02	1,802.08
22 34 46 13-0010	EA	200 Gallon, 600 MBH, 576 GPH, Glass Lined, Commercial Oil-Fired Water Heater	57,037.93	1,843.97
22 34 46 13-0011	EA	200 Gallon, 800 MBH, 768 GPH, Glass Lined, Commercial Oil-Fired Water Heater	59,417.65	1,933.82
22 34 46 13-0012	EA	200 Gallon, 1,000 MBH, 960, Glass Lined, Commercial Oil-Fired Water Heater	60,975.67	1,887.84
22 34 46 13-0013	EA	240 Gallon, 1,250 MBH, 1,200 GPH, Glass Lined, Commercial Oil-Fired Water Heater	61,649.36	1,949.68
22 34 46 13-0014	EA	240 Gallon, 1,500 MBH, 1,441 GPH, Glass Lined, Commercial Oil-Fired Water Heater	66,801.15	2,050.64
22 34 46 13-0015	EA	300 Gallon, 600 MBH, 576 GPH, Glass Lined, Commercial Oil-Fired Water Heater	62,267.81	1,983.91
22 34 46 13-0016	EA	300 Gallon, 800 MBH, 768 GPH, Glass Lined, Commercial Oil-Fired Water Heater	64,911.30	2,068.08
22 34 46 13-0017	EA	300 Gallon, 1,000 MBH, 960 GPH, Glass Lined, Commercial Oil-Fired Water Heater	66,325.02	2,087.51
22 34 46 13-0018	EA	300 Gallon, 1,250 MBH, 1,200 GPH, Glass Lined, Commercial Oil-Fired Water Heater	67,626.94	2,188.47
22 34 46 13-0019	EA	300 Gallon, 1,500 MBH, 1,441 GPH, Glass Lined, Commercial Oil-Fired Water Heater	72,286.08	2,317.97
22 34 46 13-0020	EA	400 Gallon, 600 MBH, 576 GPH, Glass Lined, Commercial Oil-Fired Water Heater	67,497.70	2,123.84
22 34 46 13-0021	EA	400 Gallon, 800 MBH, 768 GPH, Glass Lined, Commercial Oil-Fired Water Heater	70,404.82	2,202.48
22 34 46 13-0022	EA	400 Gallon, 1,000 MBH, 960 GPH, Glass Lined, Commercial Oil-Fired Water Heater	71,674.36	2,287.18
22 34 46 13-0023	EA	400 Gallon, 1,250 MBH, 1,200 GPH, Glass Lined, Commercial Oil-Fired Water Heater	73,604.38	2,427.25
22 34 46 13-0024	EA	400 Gallon, 1,500 MBH, 1,441 GPH, Glass Lined, Commercial Oil-Fired Water Heater	77,771.01	2,585.44
22 34 46 13-0025	EA	400 Gallon, 1,750 MBH, 1,681 GPH, Glass Lined, Commercial Oil-Fired Water Heater	80,331.76	2,765.82
22 34 46 13-0026	EA	400 Gallon, 2,000 MBH, 1,921 GPH, Glass Lined, Commercial Oil-Fired Water Heater	86,651.47	2,900.74
22 34 46 13-0027	EA	400 Gallon, 2,250 MBH, 2,161 GPH, Glass Lined, Commercial Oil-Fired Water Heater	89,859.62	3,129.75
22 34 46 13-0028	EA	400 Gallon, 2,500 MBH, 2,401 GPH, Glass Lined, Commercial Oil-Fired Water Heater	93,067.64	3,358.89

22 35 Domestic Water Heat Exchangers *(22 30)*

22 35 23 Circulating, Domestic Water Heat Exchangers *(22 35)*

22 35 23 13 Circulating, Compact Domestic Water Heat Exchangers *(22 35 23)*

22 35 23 13-0001 Steam Driven Water Heaters *(22 35 23 13)*

22 35 23 13-0002 Constant Flow *(22 35 23 13-0001)*

22 35 23 13-0003	EA	30 GPM, 700 Lb./Hour Steam Water Heater, Constant Flow	6,570.80	623.22
22 35 23 13-0004	EA	90 GPM, 1,250 Lb./Hour Steam Water Heater, Constant Flow	8,204.53	763.69
22 35 23 13-0005	EA	140 GPM, 2,500 Lb./Hour Steam Water Heater, Constant Flow	10,516.46	998.77
22 35 23 13-0006	EA	230 GPM, 5,000 Lb./Hour Steam Water Heater, Constant Flow	14,236.78	1,391.15
22 35 23 13-0007	EA	500 GPM, 7,500 Lb./Hour Steam Water Heater, Constant Flow	21,044.82	2,291.20
22 35 23 13-0008	EA	900 GPM, 10,000 Lb./Hour Steam Water Heater, Constant Flow	22,950.94	2,596.70
22 35 23 13-0009	EA	1,400 GPM, 15,000 Lb./Hour Steam Water Heater, Constant Flow	30,052.81	2,996.18
22 35 23 13-0010	EA	2,400 GPM, 20,000 Lb./Hour Steam Water Heater, Constant Flow	36,150.14	3,541.00

22 35 23 13-0011 Variable Flow *(22 35 23 13-0001)*

22 35 23 13-0012	EA	30 GPM, 700 Lb./Hour Steam Water Heater, Variable Flow	9,942.31	1,215.27
22 35 23 13-0013	EA	90 GPM, 1,250 Lb./Hour Steam Water Heater, Variable Flow	11,285.22	1,483.88
22 35 23 13-0014	EA	140 GPM, 2,500 Lb./Hour Steam Water Heater, Variable Flow	14,399.92	1,918.76
22 35 23 13-0015	EA	230 GPM, 5,000 Lb./Hour Steam Water Heater, Variable Flow	18,909.64	2,677.09
22 35 23 13-0016	EA	500 GPM, 7,500 Lb./Hour Steam Water Heater, Variable Flow	28,294.66	4,477.20
22 35 23 13-0017	EA	900 GPM, 10,000 Lb./Hour Steam Water Heater, Variable Flow	34,353.10	4,930.54
22 35 23 13-0018	EA	1,400 GPM, 15,000 Lb./Hour Steam Water Heater, Variable Flow	39,803.35	5,770.50
22 35 23 13-0019	EA	2,400 GPM, 20,000 Lb./Hour Steam Water Heater, Variable Flow	50,339.02	6,894.04

22 40 Plumbing Fixtures *(22)*

Note: The following Energy Policy Act Flow Rates Requirements superseded flow rates standards listed in section. Plumbing fixtures and trim should not exceed the maximum flow rates set forth in The Energy Policy Act 92. lavatory faucets - 2.5 gal/min, lavatory replacement aerators - 2.5 gal/min, kitchen faucets - 2.5 gal/min, kitchen replacement aerators - 2.5 gal/min, metering faucets - 0.25 gal/cycle, gravity tank-type toilets - 1.6 gal/flush, flushometer tank toilets - 1.6 gal/flush, electromechanical hydraulic toilets - 1.6 gal/flush, blowdown toilets - 3.5 gal/flush, urinals - 1.0 gal/flush.

22 41 Residential Plumbing Fixtures *(22 40)*

22 41 13 Residential Water Closets, Urinals, and Bidets *(22 41)*

22 41 13 13 Residential Water Closets *(22 41 13)*

22 41 13 13-0001 Residential Toilets *(22 41 13 13)*

See CSI section 22 42 13 13-0001 for additional water closets.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 41 13 13-0002	EA	2 Piece Tank Type, Gravity Flush System, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (Kohler Wellworth® K-3978)	570.71	119.36
		Note: Includes seat, wax ring, escutcheon, supply valve and line.		
22 41 13 13-0003	EA	Water Closet, Kohler K-3423, White With K-9404 Trip Lever	643.99	202.80
		Note: Includes seat, wax ring, escutcheon, supply valve and line.		
22 41 13 13-0004	EA	2 Piece Tank Type, Gravity Flush System, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (Kohler Highline® K-3999)	824.39	119.36
		Note: Includes seat, wax ring, escutcheon, supply valve and line.		
22 41 13 13-0005	EA	Round Front Toilet Seat, White (Kohler K-4716-T)	72.70	19.44

22 41 16 Residential Lavatories and Sinks *(22 41)*

22 41 16 13 Residential Lavatories *(22 41 16)*

22 41 16 13-0001 Residential Wall Hung Lavatory *(22 41 16 13)*
See CSI section 22 42 16 13-0002 for wall hung lavatories.

22 41 16 13-0002 Residential Counter Top Lavatory *(22 41 16 13)*
See CSI section 22 42 16 13-0010 for additional countertop lavatories.

22 41 16 13-0003	EA	20" x 18" Oval Vitreous China Single Hole Countertop Lavatory, Self Rimming (Kohler K-2196-1N)	586.02	92.96

22 41 16 13-0004 Residential Culture Marble Lavatory Vanity Top *(22 41 16 13)*
Note: Includes splash. Single sink, center or offset. Bowl is either oval, shell shape or rectangular. See CSI section 22 42 16 13-0028 for vanity top.

22 41 16 16 Residential Sinks *(22 41 16)*

22 41 16 16-0001 Residential Kitchen Sinks *(22 41 16 16)*
Note: Includes strainer.

22 41 16 16-0002	EA	25" x 22" x 6" Stainless Steel Kitchen Sink, Single Bowl, 22 Gauge (Elkay K125224)	694.35	107.88
22 41 16 16-0003	EA	33" x 21" x 6-1/2" Stainless Steel Kitchen Sink, Double Bowl, 20 Gauge (Elkay D233213)	802.54	122.81
22 41 16 16-0004	EA	33" x 21" x 10-1/8" Stainless Steel Kitchen Sink, Double Bowl, 18 Gauge (Elkay DLR33224)	2,440.24	122.81

22 41 19 Residential Bathtubs *(22 41)*

22 41 19 00-0001 Residential Bathtubs *(22 41 19)*
See CSI section 22 42 19 00-0001 for additional tubs.

22 41 19 00-0002	EA	5' Bathtub, American Standard Princeton Series	1,208.23	319.07
22 41 19 00-0003	EA	60" x 30" x 14" Bathtub, Kohler K-715 or K-716	1,308.54	319.07

22 41 26 Residential Disposers *(22 41)*

22 41 26 00-0001 Disposals *(22 41 26)*

22 41 26 00-0002	EA	1/3 HP Insulated Garbage Disposal	286.32	78.47
22 41 26 00-0003	EA	1/2 HP Insulated Garbage Disposal	323.82	78.47
22 41 26 00-0004	EA	3/4 HP Insulated Garbage Disposal	417.58	78.47
22 41 26 00-0005	EA	1 HP Insulated Garbage Disposal	511.34	78.47

22 41 39 Residential Faucets, Supplies, and Trim *(22 41)*

22 41 39 00-0001 Residential Kitchen Faucets *(22 41 39)*

22 41 39 00-0002	EA	Chrome Single Handle Kitchen Faucet (Delta 100LF-WF)	251.69	57.39
22 41 39 00-0003	EA	Chrome Single Handle Kitchen Faucet With Spray (Delta 400LF-WF)	294.43	57.39
22 41 39 00-0004	EA	Chrome Single Handle Kitchen Faucet With Integrated Spray (Delta 300LF-WF)	294.43	57.39
22 41 39 00-0005	EA	Chrome Two Handle Kitchen Faucet, Three Hole Installation 8"Center (Delta 2102LF-LHP+H215)	282.63	57.39
22 41 39 00-0006	EA	Chrome Two Handle Kitchen Faucet With Spray, Three Hole Installation, 8" Center (Delta 2402LF-LHP+H215)	305.59	57.39
22 41 39 00-0007	EA	Kitchen Faucet, Polished Chrome (Kohler K-15251-B)	218.32	57.39
22 41 39 00-0008	EA	Kitchen Faucet, Polished Chrome (Kohler K-15171-P)	272.89	57.39
22 41 39 00-0009	EA	Kitchen Faucet, Polished Chrome (Delta 2100)	212.44	57.39

22 41 39 00-0010 Residential Lavatory Faucets *(22 41 39)*

22 41 39 00-0011	EA	Chrome, Single Acrylic Handle, Bath Faucet (Delta 502-DST)	234.52	41.32
		For Faucet With Brass Pop-Up, Add	*11.00*	
22 41 39 00-0012	EA	Chrome, Single Lever Handle, Lavatory Faucet (Delta 500-WF)	234.52	41.32
		For Faucet With Brass Pop-Up, Add	*11.00*	
22 41 39 00-0013	EA	Chrome, Two Handle, Bath Faucet With Acrylic Handles (Delta 2502LF)	164.21	41.32
		For Faucet With Brass Pop-Up, Add	*16.50*	
		For Faucet With Plastic Pop-Up, Add	*14.00*	
22 41 39 00-0014	EA	Chrome, Two Handle, Lavatory Faucet, (Kohler K-15240-4)	213.41	41.32
22 41 39 00-0015	EA	Chrome, Two Handle, Lavatory Faucet (Delta 2522LF-MPU)	220.53	41.32
22 41 39 00-0016	EA	Chrome, Single Handle, Lavatory Faucet (Kohler K-15182-P)	279.52	41.32

22 41 39 00-0017 Residential Bath And Shower Faucets *(22 41 39)*

22 41 39 00-0018	EA	Single Lever Handle, Chrome Shower Only, Pressure Balanced/Anti-Scald Valve (American Standard T675.501)	306.99	49.81
		For Faucet With Polished Nickel Or Brass Finish, Add	*25.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 41 39 00-0019	EA	Single Lever Handle, Chrome Bath And Shower, Pressure Balanced/Anti-Scald Valve (American Standard T675.502)	365.46	49.81
		For Faucet With Polished Nickel Or Brass Finish, Add	*25.00*	
22 41 39 00-0020	EA	Two-Knob Handle Chrome Shower And Tub Filler, Ceramic Valving (American Standard Cadet 3275)	281.50	49.81
		For Faucet With Polished Nickel Or Brass Finish, Add	*75.00*	
		For Faucet With Lever Handles, Add	*8.10*	
22 41 39 00-0021	EA	Three-Knob Handle Chrome Shower And Tub Filler, Ceramic Valving (American Standard Cadet 3375)	312.98	49.81
		For Faucet With Polished Nickel Or Brass Finish, Add	*75.00*	
		For Faucet With Lever Handles, Add	*8.10*	
22 41 39 00-0022	EA	Hand Shower With Hose And 25" Slide Bar (American Standard 1662.602)	354.69	31.16
22 41 39 00-0023	EA	Wall Mount, Hand Shower With Hose (Delta 55011)	292.07	31.16
22 41 39 00-0024	EA	Pressure Balancing Shower Valve (Kohler K-304-K)	234.46	54.09
22 41 39 00-0025	EA	Pressure Balancing Shower Valve (Symmons BP-46-2-X)	257.02	54.09
22 41 39 00-0026	EA	Pressure Balancing Shower Valve (Moen 62370)	239.48	54.09
22 41 39 00-0027	EA	Shower And Tub Control Set, Single Control With Balancing Valve (Moen L2353)	298.45	54.09
22 41 39 00-0028	EA	Shower And Tub Control Set, Single Control With Balancing Valve (Moen L2363)	329.31	54.09
22 41 39 00-0029	EA	Shower And Tub Control Set, 2 Knobs With Balancing Valve (Pfister 07-312)	233.10	54.09
22 41 39 00-0030	EA	Shower And Tub Control Set, 3 Knobs With Balancing Valve (Pfister 01-312)	275.30	54.09
22 41 39 00-0031	EA	Single Control Trim Kit (Symmons BPM46-2-LR-TRM)	137.66	54.09
22 41 39 00-0032	EA	Single Control Trim Kit (Symmons BP-46-2-STK-TRM)	148.16	54.09
22 41 39 00-0033	EA	Brass Shower Head (EZ Flo 15013 Or 15015)	55.32	12.47
22 41 39 00-0034	EA	Wall Mount, Hand Shower Unit With Hose (Delta Faucet 62001 DS)	330.06	31.16
22 41 39 00-0035		**Residential Laundry Faucets** *(22 41 39)*		
22 41 39 00-0036	EA	Stream Straightener Nozzle Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2123LF)	200.24	36.64
22 41 39 00-0037		**Residential Laundry/Wash Basin Faucets** *(22 41 39)*		
22 41 39 00-0038	EA	Hose Thread Spout Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2121LF)	202.00	36.64
22 41 39 00-0039	EA	Hose Thread Spout With Vacuum Breaker Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2121LF+RP12503)	294.10	40.39
22 41 39 00-0040		**Residential Washer Box** *(22 41 39)*		
22 41 39 00-0041	EA	Washer Box With Supply Lines And Valve	274.27	93.54
22 41 39 00-0042		**Supply Lines and Shut-off Valves** *(22 41 39)*		
		See CSI section 22 42 39 00-0145 for supply lines and shut-off valves.		
22 41 39 00-0043	EA	16" Long, 3/8" Compression x 1/2" FIP Lav/Sink Connector, Polymer Braid, Supply Line	18.35	7.79
22 41 39 00-0044	EA	20" Long, 3/8" Compression x 1/2" FIP Lav/Sink Connector, Polymer Braid, Supply Line	21.06	7.79
22 41 39 00-0045		**Other Residential Faucets** *(22 41 39)*		
22 41 39 00-0046	EA	Sillcock, Compact, Brass, IPS Or Copper To Hose	45.80	9.35
22 41 39 00-0047		**Residential Fixture Components And/or Trim Replacement** *(22 41 39)*		
		See CSI section 22 01 40 81-0001 for fixture trim accessories.		
22 41 39 00-0048	EA	Elongated Toilet Seat, White (Kohler K-4712-T)	72.70	19.44
22 41 39 00-0049	EA	Removal And Replacement Of Vitreous China Toilet Tank And Lid	203.17	
22 41 39 00-0050	EA	Removal And Replacement Of Ball Cock Assembly	85.62	
22 41 39 00-0051	EA	Removal And Replacement Of Wax Ring Seal Note: Excludes removal of toilet	13.81	
22 41 39 00-0052	EA	Aerator, 2.2 GPM, Polished Chrome Vandal Resistant Spray, Non-Aerated (Kohler K-18034)	35.22	6.23
22 41 39 00-0053	EA	Aerator, Polished Chrome Vandal Resistant, 2.2 GPM (Kohler K-18033)	30.17	6.23
22 41 39 00-0054	EA	Aerator, NEOPERL 1.5 GPM, Chrome Plated	14.78	6.23
22 41 39 00-0055	EA	Aerator, NEOPERL 2.2 GPM, Chrome Plated	14.78	6.23

22 42 Commercial Plumbing Fixtures *(22 40)*

Note: Prices are for commercial grade unless otherwise indicated. Includes final connection and all associated trim (seat, supply stop and line, wax seal, valve). Excludes rough-in within the wall and carrier.

22 42 13 Commercial Water Closets, Urinals, and Bidets *(22 42)*

22 42 13 13 Commercial Water Closets *(22 42 13)*

22 42 13 13-0001		**Vitreous China Water Closets** *(22 42 13 13)* Note: With a 2" ball pass.		
22 42 13 13-0002		**Floor Mounted Elongated Vitreous China Water Closets** *(22 42 13 13-0001)* Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 13-0003	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Madera™)	652.16	119.36
22 42 13 13-0004	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Elongated Vitreous China Water Closet (American Standard Priolo™)	790.27	119.36
22 42 13 13-0005	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Wall Outlet, Elongated Vitreous China Water Closet (American Standard Yorkville™)	988.66	119.36
22 42 13 13-0006	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Cadet®)	830.20	119.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 13-0007	EA	1 Piece Tank Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Compact Cadet®)	931.05	119.36
22 42 13 13-0008	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet With Concealed Trapway (American Standard Cadet® 3 FloWise® RIGHT HEIGHT®)	943.45	119.36
22 42 13 13-0009	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (Kohler® Wellcomme™)	627.79	119.36
22 42 13 13-0010	EA	1.28 GPF Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (Toto® CT705E)	709.05	119.36
22 42 13 13-0011		**Wall Hung Elongated Vitreous China Water Closets** *(22 42 13 13-0001)*		
		Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 13-0012	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Afwall®)	737.93	146.91
22 42 13 13-0013	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Afwall® ADA Retrofit)	952.00	146.91
22 42 13 13-0014	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Glenwall™)	1,208.81	146.91
22 42 13 13-0015	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Kohler® Kingston™)	748.85	146.91
22 42 13 13-0016	EA	Flush Valve Type, Blow Out, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Kohler® Stratton™)	1,531.90	146.91
22 42 13 13-0017	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Toto® CT708E Or CT708EV)	834.21	146.91
22 42 13 13-0018	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Zurn Z5615-BWL)	801.90	146.91
22 42 13 13-0019	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Sloan ST-2459)	927.24	146.91
22 42 13 13-0020		**Floor Mounted Elongated Handicapped Water Closets** *(22 42 13 13-0001)*		
		Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 13-0021	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Madera™ ADA)	632.55	119.36
22 42 13 13-0022	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Colorado Right Height®)	699.07	119.36
22 42 13 13-0023	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Right Width™ Right Height®)	879.84	119.36
22 42 13 13-0024	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Huron)	852.83	119.36
22 42 13 13-0025	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Priolo® ADA)	878.43	119.36
22 42 13 13-0026	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Back Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Yorkville™ ADA)	1,095.24	119.36
22 42 13 13-0027	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Cadet Right Height™ ADA)	853.08	119.36
22 42 13 13-0028	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Toto® CT705ELN)	750.36	119.36
22 42 13 13-0029	EA	2 Piece Tank Type, High Efficiency Water Closet Floor Mounted, Elongated, (Sterling 402077) With Open-Front Seat (Kohler K-4650)	814.42	119.36
22 42 13 13-0030	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Kohler Highline™ ADA K-3519)	916.20	119.36
22 42 13 13-0031	EA	2 Piece Tank Type, Dual-Flush 1.1 And 1.6 GPF, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Vortens Vienna ELX-DF 3113-3436)	771.26	119.36
22 42 13 13-0032	EA	2 Piece Tank Type, High Eficiency Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Niagara Stealth™)	755.00	119.36
22 42 13 13-0033	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Zurn Z5667-BWL)	825.57	119.36
22 42 13 13-0034		**Stainless Steel Water Closets** *(22 42 13 13)*		
22 42 13 13-0035	EA	Wall Hung Water Closet, Stainless Steel With Hinged Seat, Siphon Jet (Acorn 2105-T-1-HS)	2,613.13	258.24
22 42 13 13-0036	EA	Floor Mounted Water Closet, Stainless Steel With Hinged Seat, Siphon Jet (Acorn 2120-T-3-HS)	2,365.06	258.24
22 42 13 13-0037		**Water Closet Carriers** *(22 42 13 13)*		
22 42 13 13-0038		**Pipe Grip Adaptor Type, Water Closet Carriers** *(22 42 13 13-0037)*		
		Note: Includes coated cast iron construction, plated hardware and adjustable feet. Excludes waste piping and fittings.		
22 42 13 13-0039	EA	Pipe Grip Adaptor Type, Water Closet Carrier	746.03	60.60
22 42 13 13-0040		**No-Hub, Water Closet Carriers** *(22 42 13 13-0037)*		
		Note: Includes coated cast iron construction, ABS extension with integral test cap, plated hardware and neoprene fixture gasket. Includes buttress feet or pylon feet and anchor foot.		
22 42 13 13-0041	EA	Vertical Close With Offset, No-Hub, Single Water Closet Carrier	1,184.70	60.60
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-107.63*	
		For Positioning Frame, Add	*67.03*	
		For Supply Pipe Support, Add	*68.64*	
		For Vandal Proof Trim, Add	*91.60*	
		For Auxiliary Inlet, Add	*292.23*	
		For Special Duty 500 Lb. Carrier, Add	*510.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 13-0042	EA	Vertical Close On Stack, No-Hub, Single Water Closet Carrier	1,184.70	60.60
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-107.63*	
		For Positioning Frame, Add	*67.03*	
		For Supply Pipe Support, Add	*68.64*	
		For Vandal Proof Trim, Add	*91.60*	
		For Auxiliary Inlet, Add	*292.23*	
		For Special Duty 500 Lb. Carrier, Add	*510.97*	
22 42 13 13-0043	EA	Horizontal Adjustable, No-Hub, Single Water Closet Carrier	1,298.78	60.60
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-107.63*	
		For Positioning Frame, Add	*67.03*	
		For Supply Pipe Support, Add	*68.64*	
		For Vandal Proof Trim, Add	*91.60*	
		For Auxiliary Inlet, Add	*292.23*	
		For Horizontal No Hub Cast Long Barrel, Add	*305.98*	
		For Carrier For Wide Chase Installations, Add	*394.14*	
		For Special Duty 1,000 Lb. Carrier, Add	*510.98*	
22 42 13 13-0044	EA	Vertical Adjustable On Stack, No-Hub, Single Water Closet Carrier	1,445.00	60.60
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-107.63*	
		For Positioning Frame, Add	*67.03*	
		For Supply Pipe Support, Add	*68.64*	
		For Vandal Proof Trim, Add	*91.60*	
		For 4" Branch, Add	*233.68*	
		For Auxiliary Inlet, Add	*292.23*	
		For Carrier For Wide Chase Installations, Add	*394.14*	
		For Double 4" Branches, Add	*468.96*	
		For Special Duty 1,000 Lb. Carrier, Add	*510.98*	
22 42 13 13-0045	EA	Vertical Close With Offset, No-Hub, Double Water Closet (Back To Back) Carrier	1,982.58	88.94
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-215.28*	
		For Positioning Frame, Add	*142.66*	
		For Supply Pipe Support, Add	*145.89*	
		For Vandal Proof Trim, Add	*183.20*	
		For Auxiliary Inlet, Add	*309.44*	
		For Special Duty 500 Lb. Carrier, Add	*1,021.93*	
22 42 13 13-0046	EA	Vertical Close On Stack, No-Hub, Double Water Closet (Back To Back) Carrier	2,040.44	88.94
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-215.28*	
		For Positioning Frame, Add	*142.66*	
		For Supply Pipe Support, Add	*145.89*	
		For Vandal Proof Trim, Add	*183.20*	
		For Auxiliary Inlet, Add	*309.44*	
		For Special Duty 500 Lb. Carrier, Add	*1,021.93*	
22 42 13 13-0047	EA	Vertical Adjustable On Stack, No-Hub, Double Water Closet (Back To Back) Carrier	2,501.59	88.94
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-215.28*	
		For Positioning Frame, Add	*142.66*	
		For Supply Pipe Support, Add	*145.89*	
		For Vandal Proof Trim, Add	*183.20*	
		For 4" Branch, Add	*242.29*	
		For Auxiliary Inlet, Add	*309.44*	
		For Double 4" Branches, Add	*486.17*	
		For Carrier For Wide Chase Installations, Add	*839.93*	
		For Special Duty 1,000 Lb. Carrier, Add	*1,021.96*	
22 42 13 13-0048	EA	Horizontal Adjustable, No-Hub, Double Water Closet (Back To Back) Carrier	2,350.55	88.94
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-215.28*	
		For Positioning Frame, Add	*142.66*	
		For Supply Pipe Support, Add	*145.89*	
		For Vandal Proof Trim, Add	*183.20*	
		For Horizontal No Hub Cast Long Barrel, Add	*314.59*	
		For Carrier For Wide Chase Installations, Add	*839.93*	
		For Special Duty 1,000 Lb. Carrier, Add	*1,021.96*	

22 42 13 13-0049 Hub And Spigot, Water Closet Carriers *(22 42 13 13-0037)*

Note: Includes coated cast iron construction, ABS extension with integral test cap, plated hardware and neoprene fixture gasket. Includes buttress feet or pylon feet and anchor foot.

22 42 13 13-0050	EA	Vertical Close With Offset, Hub And Spigot, Single Water Closet Carrier	1,107.10	60.60
		For Positioning Frame, Add	*67.03*	
		For Supply Pipe Support, Add	*68.64*	
		For Vandal Proof Trim, Add	*91.60*	
		For Hanger Type Closet Adapter, Add	*229.78*	
		For Auxiliary Inlet, Add	*292.23*	
22 42 13 13-0051	EA	Vertical Close On Stack, Hub And Spigot, Single Water Closet Carrier	1,184.70	60.60
		For Positioning Frame, Add	*67.03*	
		For Supply Pipe Support, Add	*68.64*	
		For Vandal Proof Trim, Add	*91.60*	
		For Auxiliary Inlet, Add	*292.23*	
		For Special Duty 500 Lb. Carrier, Add	*510.97*	
22 42 13 13-0052	EA	Vertical Adjustable On Stack, Hub And Spigot, Single Water Closet Carrier	1,499.63	60.60
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-107.63*	
		For Positioning Frame, Add	*67.03*	
		For Supply Pipe Support, Add	*68.64*	
		For Vandal Proof Trim, Add	*91.60*	
		For 4" Branch, Add	*233.68*	
		For Auxiliary Inlet, Add	*292.23*	
		For Carrier For Wide Chase Installations, Add	*394.14*	
		For Double 4" Branches, Add	*468.96*	
		For Special Duty 1,000 Lb. Carrier, Add	*510.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 13-0053	EA	Vertical Close With Offset, Hub And Spigot, Double Water Closet (Back To Back) Carrier	1,849.80	88.94
		For Positioning Frame, Add	*142.66*	
		For Supply Pipe Support, Add	*145.89*	
		For Vandal Proof Trim, Add	*183.20*	
		For Auxiliary Inlet, Add	*309.44*	
		For Hanger Type Closet Adapter, Add	*459.55*	
22 42 13 13-0054	EA	Vertical Adjustable On Stack, Hub And Spigot, Double Water Closet (Back To Back) Carrier	2,556.23	88.94
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-215.28*	
		For Positioning Frame, Add	*142.66*	
		For Supply Pipe Support, Add	*145.89*	
		For Vandal Proof Trim, Add	*183.20*	
		For 4" Branch, Add	*242.29*	
		For Auxiliary Inlet, Add	*309.44*	
		For Double 4" Branches, Add	*486.17*	
		For Carrier For Wide Chase Installations, Add	*839.93*	
		For Special Duty 1,000 Lb. Carrier, Add	*1,021.96*	

22 42 13 13-0055 Floor Mount Polyvinyl Chloride (PVC) Adaptor Type, Water Closet Carriers
(22 42 13 13-0037)

Note: Includes coated cast iron construction, plastic fitting adaptor with extension and plated hardware.

22 42 13 13-0056	EA	Vertical On Stack, Floor Mount Polyvinyl Chloride (PVC) Adaptor Type, Single Water Closet Carrier	903.50	60.60
		For Positioning Frame, Add	*67.03*	
		For Supply Pipe Support, Add	*68.64*	
		For Vandal Proof Trim, Add	*91.60*	
		For Hanger Type Closet Adapter, Add	*229.78*	

22 42 13 13-0057 Institutional Water Closet Carriers *(22 42 13 13-0037)*

Note: Includes coated cast iron construction, ABS extension with integral test cap, buttress feet, plated hardware and neoprene fixture gasket.

22 42 13 13-0058	EA	Vertical On Stack, No-Hub, 90 Degree Institutional, Double Waste Fitting With Vent And Carrier, Water Closet Carrier	3,301.81	88.94
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-215.28*	
		For Positioning Frame, Add	*142.66*	
		For Supply Pipe Support, Add	*145.89*	
		For Vandal Proof Trim, Add	*183.20*	
		For Auxiliary Inlet, Add	*309.44*	

22 42 13 13-0059 Removal And Reinstallation Of Fixtures And Trim *(22 42 13 13)*

Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.

22 42 13 13-0060	EA	Removal And Reinstallation Of Wall Hung Water Closet With Tank	527.15	
22 42 13 13-0061	EA	Removal And Reinstallation Of Wall Hung Water Closet With Flush Valve	527.15	
22 42 13 13-0062	EA	Removal And Reinstallation Of Floor Mount Water Closet With Tank	405.99	
22 42 13 13-0063	EA	Removal And Reinstallation Of Floor Mount Water Closet With Flush Valve	405.99	

22 42 13 16 Commercial Urinals *(22 42 13)*

22 42 13 16-0001 Vitreous China Urinals *(22 42 13 16)*

Note: Excludes flush valve unless indicated otherwise.

22 42 13 16-0002 Wall Hung Urinals *(22 42 13 16-0001)*

22 42 13 16-0003	EA	Wall Hung Washout, Vitreous China Urinal (American Standard Maybrook™)	661.63	122.81
22 42 13 16-0004	EA	Wall Hung, Washout, Vitreous China Urinal With Top Spud (American Standard Washbrook®)	797.80	122.81
22 42 13 16-0005	EA	Wall Hung, Washout, Vitreous China Urinal With Back Spud (American Standard Washbrook®)	754.98	122.81
22 42 13 16-0006	EA	Wall Hung, Blowout, Vitreous China Urinal (American Standard Lynbrook™)	838.75	122.81
22 42 13 16-0007	EA	Wall Hung Siphon Jet, Vitreous China Urinal (American Standard Trimbrook™)	793.70	122.81
22 42 13 16-0008	EA	Wall Hung, Siphon Jet, Vitreous China Urinal (American Standard Allbrook™)	632.76	122.81
22 42 13 16-0009	EA	Wall Hung, Washout, Vitreous China Urinal (Toto® UT447E Or UT447EV)	853.27	122.81
22 42 13 16-0010	EA	Wall Hung, Washout, Vitreous China Urinal (Toto® UT104E Or UT104EV)	763.27	122.81
22 42 13 16-0011	EA	Wall Hung, Washout, Vitreous China Urinal (Zurn Z5798)	750.19	122.81
22 42 13 16-0012	EA	Wall Hung, Washout, 0.125 To 0.5 GPF, HEU, Vitreous China Urinal (Sloan SU-1009-A)	680.29	122.81
22 42 13 16-0013	EA	Wall Hung, Washout, 1.0 GPF, HEU, Vitreous China Urinal (Sloan SU-1006-A)	729.83	122.81

22 42 13 16-0014 Floor Mounted Urinals *(22 42 13 16-0001)*

22 42 13 16-0015	EA	Washout, Floor Mounted, Vitreous China Urinal (American Standard Stallbrook™)	1,191.54	154.94
22 42 13 16-0016	EA	Washout, Floor Mounted, Vitreous China Urinal (Kohler® Branham™)	1,302.97	154.94
22 42 13 16-0017	EA	Floor Mounted Urinal Seam Cover For 21" Centers (Kohler® K-4931)	366.39	28.70
22 42 13 16-0018	EA	Floor Mounted Urinal Seam Cover For 24" Centers (Kohler® K-4932)	416.71	28.70

22 42 13 16-0019 Waterfree Urinals *(22 42 13 16-0001)*

22 42 13 16-0020	EA	Waterfree, Wall Hung, Vitreous China Urinal (American Standard Large FloWise® Flush-Free)	726.19	86.08
		For >1, Deduct	*-50.08*	
		For Colored Fixtures, Add	*66.90*	
22 42 13 16-0021	EA	Waterfree, Wall Hung, Vitreous China Urinal (SLOAN WES-1000)	887.86	86.08
		For >1, Deduct	*-68.51*	
		For Colored Fixtures, Add	*66.90*	
22 42 13 16-0022	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-2000)	841.58	86.08
		For >1, Deduct	*-63.23*	
		For Colored Fixtures, Add	*66.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 16-0023	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-4000)	681.35	86.08
		For >1, Deduct	*-44.96*	
		For Colored Fixtures, Add	*66.90*	
22 42 13 16-0024	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-5000)	681.35	86.08
		For >1, Deduct	*-44.96*	
		For Colored Fixtures, Add	*66.90*	
22 42 13 16-0025	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-7000)	912.98	86.08
		For >1, Deduct	*-71.37*	
		For Colored Fixtures, Add	*66.90*	
22 42 13 16-0026	EA	Waterfree, Wall Hung, Stainless Steel Urinal (Falcon F-9000)	1,113.26	86.08
		For >1, Deduct	*-94.20*	
22 42 13 16-0027		**Stainless Steel Urinals** *(22 42 13 16)*		
22 42 13 16-0028	EA	Wall Hung Urinal, Stainless Steel, Blowout Jet (Acorn 2160-T-1)	2,658.02	258.24
22 42 13 16-0029	EA	5' Wall Hung Trough Urinal, Stainless Steel With Strainer And Washdown Pipe (Elkay EU6014C)	5,393.11	315.63
22 42 13 16-0030		**Urinal Carriers** *(22 42 13 16)*		
22 42 13 16-0031		**Floor Mounted, Urinal Carriers** *(22 42 13 16-0030)*		
		Note: Includes adjustable supporting rods, structural uprights and welded feet.		
22 42 13 16-0032	EA	Floor Mounted Hanger Plate Type, Single Urinal Carrier	617.84	43.62
		For Up To 4" Extension Sleeves And Hardware, Add	*33.74*	
22 42 13 16-0033	EA	Floor Mounted Bearing Plate Type, Single Urinal Carrier	719.63	43.62
		For Up To 4" Extension Sleeves And Hardware, Add	*33.74*	
22 42 13 16-0034		**Wall Mounted, Urinal Carriers** *(22 42 13 16-0030)*		
		Note: Includes wall plate and adjustable supporting rods.		
22 42 13 16-0035	EA	Wall Mounted Hanger Plate Type, Single Urinal Carrier	277.75	43.62
		For Up To 6-1/2" Extension Sleeves And Hardware, Add	*33.74*	
22 42 13 16-0036		**Removal And Reinstallation Of Fixtures And Trim** *(22 42 13 16)*		
		Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 13 16-0037	EA	Removal And Reinstallation Of Wall Hung Urinal With Flush Valve	522.86	
22 42 16		**Commercial Lavatories and Sinks** *(22 42)*		
22 42 16 13		**Commercial Lavatories** *(22 42 16)*		
22 42 16 13-0001		**Lavatories** *(22 42 16 13)*		
		Note: Includes trap, drain and supply valves. Excludes faucets.		
22 42 16 13-0002		**Wall Hung Lavatories** *(22 42 16 13-0001)*		
22 42 16 13-0003	EA	19" x 17" Porcelain Enameled Cast Iron Wall Hung Lavatory (American Standard Regalyn™)	576.34	76.89
22 42 16 13-0004	EA	20" x 18" Porcelain Enameled Cast Iron Wall Hung Lavatory (American Standard Regalyn™)	603.15	76.89
22 42 16 13-0005	EA	22" x 19" Porcelain Enameled Cast Iron Wall Hung Lavatory (Kohler® Hampton™)	753.29	76.89
22 42 16 13-0006	EA	18" x 16" Vitreous China Wall Hung Lavatory (American Standard Penlyn™)	527.46	76.89
22 42 16 13-0007	EA	19" x 17" Vitreous China Wall Hung Lavatory (American Standard Declyn™)	452.57	76.89
22 42 16 13-0008	EA	20" x 18" Vitreous China Wall Hung Lavatory (Kohler® Soho®)	575.90	76.89
22 42 16 13-0009	EA	27" x 20" Wheelchair Accessible, Vitreous China Wall Hung Lavatory (American Standard Wheel Chair Users)	681.19	76.89
22 42 16 13-0010		**Countertop Lavatories** *(22 42 16 13-0001)*		
22 42 16 13-0011	EA	20" x 18" Oval Vitreous China Countertop Lavatory (Kohler® Pennington®)	549.28	92.96
22 42 16 13-0012	EA	21" x 18" Vitreous China Countertop Lavatory (American Standard Cadet™ Oval)	561.55	92.96
22 42 16 13-0013	EA	19" x 16" Enameled Cast Iron Countertop Lavatory (Kohler® Farmington™)	595.71	92.96
22 42 16 13-0014	EA	19" x 16" Enameled Cast Iron Countertop Lavatory (Kohler® Ellington™)	632.13	92.96
22 42 16 13-0015	EA	24" x 18" Enameled Cast Iron Countertop Lavatory (Kohler® Thoreau®)	834.07	100.42
22 42 16 13-0016		**Undermount Lavatories** *(22 42 16 13-0001)*		
22 42 16 13-0017	EA	15" x 12" Vitreous China Undermount Lavatory (American Standard Ovalyn™)	506.25	92.96
22 42 16 13-0018	EA	17" x 14" Vitreous China Undermount Lavatory (American Standard Ovalyn™)	480.34	92.96
22 42 16 13-0019	EA	19" x 16" Vitreous China Undermount Lavatory (American Standard Ovalyn™)	480.34	92.96
22 42 16 13-0020	EA	21" x 17" Vitreous China Undermount Lavatory (American Standard Ovalyn™)	511.92	92.96
22 42 16 13-0021	EA	15" x 12" Oval Vitreous China Undermount Lavatory (Kohler® Caxton®)	495.78	92.96
22 42 16 13-0022	EA	17" x 14" Oval Vitreous China Undermount Lavatory (Kohler® Caxton®)	491.01	92.96
22 42 16 13-0023	EA	19" x 15" Oval Vitreous China Undermount Lavatory (Kohler® Caxton®)	495.87	92.96
22 42 16 13-0024	EA	18" x 12" Rectangular Vitreous China Undermount Lavatory (Kohler® Ladena®)	603.15	92.96
22 42 16 13-0025	EA	21" x 14" Rectangular Vitreous China Undermount Lavatory (Kohler® Ladena®)	603.15	92.96
22 42 16 13-0026		**Pedestal Lavatories** *(22 42 16 13-0001)*		
22 42 16 13-0027	EA	19" x 24" x 35" High Vitreous China Pedestal Sink (American Standard Cadet™)	700.96	220.93
22 42 16 13-0028		**Cultured Marble Vanity Tops** *(22 42 16 13-0001)*		
		Note: Includes predrilled holes for faucet.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 13-0029	EA	25" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink	388.80	86.08
22 42 16 13-0030	EA	31" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink	446.67	91.81
22 42 16 13-0031	EA	37" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink	551.56	97.55
22 42 16 13-0032	EA	49" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink	781.63	103.29
22 42 16 13-0033	EA	25" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	422.98	86.08
22 42 16 13-0034	EA	31" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	456.30	91.81
22 42 16 13-0035	EA	37" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	608.41	97.55
22 42 16 13-0036	EA	43" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	668.90	100.42
22 42 16 13-0037	EA	49" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	757.59	103.29
22 42 16 13-0038		**Quartz Vanity Tops** *(22 42 16 13-0001)*		
		Note: Includes predrilled holes for faucet.		
22 42 16 13-0039	EA	25" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	797.14	86.08
22 42 16 13-0040	EA	31" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	833.13	91.81
22 42 16 13-0041	EA	37" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	961.22	97.55
22 42 16 13-0042	EA	43" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	968.64	100.42
22 42 16 13-0043	EA	49" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	1,059.09	103.29
22 42 16 13-0044	EA	61" x 22" Quartz Vanity Top With Integrated Backsplash And Two Sinks	1,425.15	109.03
22 42 16 13-0045	EA	73" x 22" Quartz Vanity Top With Integrated Backsplash And Two Sinks	1,686.25	114.75
22 42 16 13-0046	EA	22" End Splash For Quartz Vanity Tops	46.99	
22 42 16 13-0047		**Solid Surface Vanity Tops** *(22 42 16 13-0001)*		
		Note: Includes predrilled holes for faucet.		
22 42 16 13-0048	EA	25" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	665.07	86.08
22 42 16 13-0049	EA	31" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	749.92	91.81
22 42 16 13-0050	EA	37" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	846.09	97.55
22 42 16 13-0051	EA	43" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	933.69	100.42
22 42 16 13-0052	EA	49" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	1,013.79	103.29
22 42 16 13-0053	EA	55" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	1,119.28	106.16
22 42 16 13-0054	EA	61" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	1,248.66	109.03
22 42 16 13-0055	EA	61" x 22" Solid Surface Vanity Top With Integrated Backsplash And Two Sinks	1,280.73	109.03
22 42 16 13-0056	EA	73" x 22" Solid Surface Vanity Top With Integrated Backsplash And Two Sinks	1,384.41	114.75
22 42 16 13-0057	EA	22" End Splash For Solid Surface Vanity Tops	69.50	
22 42 16 13-0058		**Solid Surface Multi-Station Lavatory Systems** *(22 42 16 13-0001)*		
		Note: ADA compliant. Includes integral faucets.		
22 42 16 13-0059	EA	2 Station, Solid Surface Multi-Station Lavatory System With Integral Sprayheads And Infrared Controls (Bradley MG-2)	7,186.23	165.60
		For Integral Liquid Soap Dispenser, Add	*171.00*	
		For Integral Photovoltaic Power Panels, Add	*563.00*	
22 42 16 13-0060	EA	3 Station, Solid Surface Multi-Station Lavatory System With Integral Sprayheads And Infrared Controls (Bradley MG-3)	10,550.99	165.60
		For Integral Liquid Soap Dispenser, Add	*171.00*	
		For Integral Photovoltaic Power Panels, Add	*657.00*	
22 42 16 13-0061	EA	12" Length, Solid Surface Countertop Extension (Bradley MG-EXT-12)	481.39	55.20
22 42 16 13-0062	EA	18" Length, Solid Surface Countertop Extension (Bradley MG-EXT-18)	598.69	55.20
22 42 16 13-0063	EA	36" Length, Solid Surface Countertop Extension (Bradley MG-EXT-36)	1,196.10	55.20
22 42 16 13-0064		**Stainless Steel Lavatories** *(22 42 16 13-0001)*		
22 42 16 13-0065	EA	18" x 15" Wall Mounted Lavatory, Stainless Steel (Acorn 1950-1)	1,514.39	200.86
22 42 16 13-0066		**Lavatory Carriers** *(22 42 16 13)*		
22 42 16 13-0067		**Floor Mounted, Lavatory Carriers** *(22 42 16 13-0066)*		
22 42 16 13-0068		**Floor Mounted Plate Type, Lavatory Carriers** *(22 42 16 13-0067)*		
		Note: Includes adjustable supporting rods, structural uprights and welded feet.		
22 42 16 13-0069	EA	Floor Mounted Hanger Plate Type, Single Lavatory Carrier	617.84	43.62
		For Up To 4" Extension Sleeves And Hardware, Add	*33.74*	
		For Valve Plate For Attaching To Upright, Add	*116.14*	
		For Corner Carrier, Add	*225.88*	
22 42 16 13-0070	EA	Floor Mounted Bearing Plate Type, Single Lavatory Carrier	719.63	43.62
		For Up To 4" Extension Sleeves And Hardware, Add	*33.74*	
		For Valve Plate For Attaching To Upright, Add	*116.14*	
22 42 16 13-0071	EA	Floor Mounted Hanger Plate Type, Double Lavatory (Back To Back) Carrier	827.29	43.62
		For Up To 4" Extension Sleeves And Hardware, Add	*67.48*	
		For Valve Plate For Attaching To Upright, Add	*232.29*	
22 42 16 13-0072	EA	Floor Mounted Bearing Plate Type, Double Lavatory (Back To Back) Carrier	951.02	43.62
		For Up To 4" Extension Sleeves And Hardware, Add	*67.48*	
		For Valve Plate For Attaching To Upright, Add	*232.29*	
22 42 16 13-0073		**Floor Mounted, Lavatory Carriers With Arms** *(22 42 16 13-0067)*		
		Note: Includes leveling and securing screws, structural uprights and welded feet.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 13-0074	EA	Floor Mounted, Single Lavatory Carrier With Concealed Arms	796.43	51.65
		For Up To 6-1/2" Extension Sleeves And Hardware, Add	*33.74*	
		For Concealed Arm Carrier For Wheelchair Lavatory, Add	*46.60*	
		For Valve Plate For Attaching To Upright, Add	*118.44*	
		For 2" Chrome Plated Escutcheons, Add	*114.08*	
		For 4" Or 6" Chrome Plated Escutcheons, Add	*207.28*	
22 42 16 13-0075	EA	Floor Mounted, Single Lavatory Carrier With Exposed Acid Resistant White Coated Arms	1,145.90	51.65
		For Up To 4-1/2" Extension Sleeves And Hardware, Add	*33.74*	
		For Vandal Proof Trim, Add	*91.60*	
		For Valve Plate For Attaching To Upright, Add	*118.44*	
		For Heavy-Duty Carrier, Add	*117.29*	
22 42 16 13-0076	EA	Floor Mounted, Double Lavatory (Back To Back) Carrier With Concealed Arms	1,067.68	51.65
		For Up To 6-1/2" Extension Sleeves And Hardware, Add	*67.48*	
		For Concealed Arm Carrier For Wheelchair Lavatory, Add	*93.21*	
		For Valve Plate For Attaching To Upright, Add	*236.88*	
		For 2" Chrome Plated Escutcheons, Add	*228.16*	
		For 4" Or 6" Chrome Plated Escutcheons, Add	*414.56*	
22 42 16 13-0077	EA	Floor Mounted, Double Lavatory (Back To Back) Carrier With Exposed Acid Resistant White Coated Arms	1,709.90	51.65
		For Up To 4-1/2" Extension Sleeves And Hardware, Add	*67.48*	
		For Vandal Proof Trim, Add	*183.20*	
		For Valve Plate For Attaching To Upright, Add	*236.88*	
		For Heavy-Duty Carrier, Add	*234.59*	

22 42 16 13-0078 Wall Mounted, Lavatory Carriers *(22 42 16 13-0066)*

22 42 16 13-0079 Wall Mounted Plate Type, Lavatory Carriers *(22 42 16 13-0078)*

Note: Includes wall plate and adjustable supporting rods.

22 42 16 13-0080	EA	Wall Mounted Hanger Plate Type, Single Lavatory Carrier	277.75	43.62
		For Double Plate Carrier, Add	*87.45*	

22 42 16 13-0081 Wall Mounted Plate Type, Lavatory Carriers With Arms *(22 42 16 13-0078)*

Note: Includes wall plate and leveling and securing screws.

22 42 16 13-0082	EA	Wall Mounted Fixed Steel Plate Type, Single Lavatory Carrier With Concealed Arms	475.85	51.65
		For Up To 4" Extension Sleeves And Hardware, Add	*33.74*	
		For 2" Chrome Plated Escutcheons, Add	*114.08*	
22 42 16 13-0083	EA	Wall Mounted Adjustable Plate Type, Single Lavatory Carrier With Concealed Arms	565.84	51.65
		For Movable Mounting Brackets, Deduct	*-86.76*	
		For Up To 4" Extension Sleeves And Hardware, Add	*33.74*	
		For 2" Chrome Plated Escutcheons, Add	*114.08*	
		For 4" Or 6" Chrome Plated Escutcheons, Add	*207.28*	
22 42 16 13-0084	EA	Wall Mounted Adjustable Plate Type, Single Lavatory Carrier With Exposed Acid Resistant White Coated Arms	843.82	51.65
		For Up To 4-1/2" Extension Sleeves And Hardware, Add	*33.74*	
		For Vandal Proof Trim, Add	*91.60*	

22 42 16 13-0085 Removal And Reinstallation Of Lavatory And Trim *(22 42 16 13)*

Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.

22 42 16 13-0086	EA	Removal And Reinstallation Of Wall Hung Lavatory With Faucet	337.57	

22 42 16 16 Commercial Sinks *(22 42 16)*

22 42 16 16-0001 Sinks *(22 42 16 16)*

Note: Includes drain, trap and supply valves. Excludes faucets.

22 42 16 16-0002 Kitchen Sinks *(22 42 16 16-0001)*

22 42 16 16-0003	EA	25" x 22" x 8-3/4" Enameled Cast Iron Kitchen Sink, Single Bowl (Kohler® Mayfield®)	769.39	107.88
22 42 16 16-0004	EA	22" x 33" x 9-5/8" Enameled Cast Iron Kitchen Sink, Double Bowl (Kohler® Brookfield®)	1,024.24	122.81
22 42 16 16-0005	EA	15" x 17" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR1517)	1,011.12	105.59
		For 18 Gauge, Add	*290.36*	
22 42 16 16-0006	EA	17" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR1722)	1,039.69	105.59
		For 18 Gauge, Add	*304.65*	
22 42 16 16-0007	EA	22" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR2222)	1,103.97	105.59
		For 18 Gauge, Add	*336.79*	
22 42 16 16-0008	EA	25" x 22" x 7-1/2" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR2522)	1,160.59	107.88
		For 18 Gauge, Add	*358.22*	
22 42 16 16-0009	EA	31" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR3122)	1,485.36	122.81
		For 18 Gauge, Add	*498.69*	
22 42 16 16-0010	EA	33" x 21" x 7-1/2" Stainless Steel Kitchen Sink, Double Bowl, 20 Gauge (Elkay PSR3321)	1,531.32	122.81
		For 18 Gauge, Add	*521.47*	
22 42 16 16-0011	EA	15" x 17" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR151710)	1,474.21	105.59
22 42 16 16-0012	EA	17" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR172210)	1,506.35	105.59
22 42 16 16-0013	EA	22" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR222210)	1,587.30	105.59
22 42 16 16-0014	EA	25" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR252210)	1,695.11	107.88
22 42 16 16-0015	EA	31" x 22" x 11-1/2" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR312210)	2,067.50	122.81
22 42 16 16-0016	EA	33" x 22" x 8" Stainless Steel Kitchen Sink, Double Bowl, 20 Gauge (Elkay LR3322)	2,293.49	122.81
		For 18 Gauge, Add	*902.55*	

22 42 16 16-0017 Undermount Kitchen Sinks *(22 42 16 16-0001)*

22 42 16 16-0018	EA	21" x 15" x 7-1/2" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELU2115) With Strainer (Elkay LK99)	1,339.27	105.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 16-0019	EA	21" x 15" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELU211510) With Strainer (Elkay LK99)	1,299.21	105.59
22 42 16 16-0020	EA	21" x 15" x 7-1/2" Stainless Steel Kitchen Sink With Cutting Board, Single Bowl, 18 Gauge (Elkay ELUH2115) With Strainer (Elkay LK99)	1,351.18	105.59
22 42 16 16-0021	EA	21" x 15" x 10" Stainless Steel Kitchen Sink With Cutting Board, Single Bowl, 18 Gauge (Elkay ELUH211510) With Strainer (Elkay LK99)	1,432.13	105.59
22 42 16 16-0022	EA	21" x 15-3/4" x 4-3/8" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELUHAD2115) With Strainer (Elkay LK99) Note: Available in 4-1/2", 5, or 5-1/2" depths.	1,380.94	105.59
22 42 16 16-0023	EA	25" x 20-1/2" x 7-7/8" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELUHF2520) With Strainer (Elkay LK99)	1,588.42	105.59
22 42 16 16-0024	EA	32" x 20-1/2" x 7-7/8" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELUHF3320) With Strainer (Elkay LK99)	1,898.62	105.59
22 42 16 16-0025	EA	21" x 18" x 5-1/2" Deep, Single Compartment Stainless Steel Sink, Undermount, 18 Gauge (Just Manufacturing Co. US-ADA-1821-A)	1,051.02	105.59
22 42 16 16-0026	EA	32" x 18" x 5-1/2" Deep, Two Compartment Stainless Steel Sink, Undermount, 18 Gauge (Just Manufacturing Co. UD-ADA-1832-A)	1,417.15	105.59
22 42 16 16-0027		**Multi-Station Wash Sink, Wall Mounted** *(22 42 16 16-0001)* Note: Includes concealed wall hanger, soap dish(s), strainer, supply lines and P-Trap. Excludes faucets.		
22 42 16 16-0028	EA	36" Wide, 2 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™) Note: Excludes faucets.	2,135.74	186.51
22 42 16 16-0029	EA	48" Wide, 2 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™) Note: Excludes faucets.	2,857.11	200.86
22 42 16 16-0030	EA	60" Wide, 3 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™) Note: Excludes faucets.	3,286.67	215.19
22 42 16 16-0031	EA	48" Wide, 2 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) Note: Excludes faucets.	2,773.17	143.47
22 42 16 16-0032	EA	62" Wide, 3 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) Note: Excludes faucets.	3,085.34	157.81
22 42 16 16-0033	EA	80" Wide, 4 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) Note: Excludes faucets.	3,391.13	172.16
22 42 16 16-0034	EA	102" Wide, 5 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) Note: Excludes faucets.	3,767.19	193.68
22 42 16 16-0035	EA	27" Diameter, 2 Person, Stainless Steel, Sensor Operated Compact Wash Fountain Note: Includes sensor operated spray heads.	3,696.21	315.63
22 42 16 16-0036		**Utility Or Laundry Sinks** *(22 42 16 16-0001)*		
22 42 16 16-0037	EA	23" x 21" Molded Stone Single Laundry Sink, Floor Mounted With Enamel Steel Legs (Fiat Products FL-1)	698.17	122.81
22 42 16 16-0038	EA	40" x 24" Molded Stone Double Laundry Sink, Floor Mounted With Enamel Steel Legs (Fiat Products FLTD-II)	811.76	122.81
22 42 16 16-0039	EA	22" x 17" Molded Stone Single Laundry Sink, Drop-In (Fiat Products DL1)	695.97	122.81
22 42 16 16-0040	EA	24" x 21" Enameled Cast Iron Single Laundry Sink, Floor Mounted With Metal Stand (Eljer 222-2210)	1,097.42	122.81
22 42 16 16-0041	EA	48" x 21" Enameled Cast Iron Double Laundry Sink, Floor Mounted With Metal Stand (Eljer 222-2220)	1,580.71	137.73
22 42 16 16-0042		**Refinish Sink/Lavatory** *(22 42 16 16-0001)*		
22 42 16 16-0043	EA	Refinish Sink/Lavatory	265.61	
22 42 16 16-0044		**Service Sinks** *(22 42 16 16-0001)*		
22 42 16 16-0045	EA	22" x 18" Enameled Cast Iron Wall Mount Service Sink With Stainless Steel Rim Guard, Trap Standard (American Standard Lakewell™)	1,277.12	184.79
22 42 16 16-0046	EA	24" x 20" Enameled Cast Iron Wall Mount Service Sink With Stainless Steel Rim Guard, Trap Standard (American Standard Akron™)	1,339.07	184.79
22 42 16 16-0047	EA	28" x 28" Enameled Cast Iron Floor Type Corner Service Sink With Removable Vinyl Coated Rim Guard (American Standard Florwell™)	1,536.49	244.46
22 42 16 16-0048	EA	12" x 12" x 10" Cast Iron Floor Sink With Dome Strainer And Full Grate (Zurn FD2377-PO3-F)	589.95	172.16
22 42 16 16-0049	EA	24" x 24" x 10" Plastic Composite Mop Service Sink With Combination Dome Strainer And Stainless Steel Lint Basket (Fiat Products MSB2424)	688.85	172.16
22 42 16 16-0050	EA	36" x 24" x 10" Plastic Composite Mop Service Sink With Combination Dome Strainer And Stainless Steel Lint Basket (Fiat Products MSB3624)	763.28	206.58
22 42 16 16-0051	EA	24" x 24" x 10" Molded Stone Mop Service Sink With Strainer (Swanstone MS-2424-010)	664.22	172.16
22 42 16 16-0052	EA	36" x 24" x 10" Molded Stone Mop Service Sink With Strainer (Swanstone MS-2436-010)	755.22	206.58
22 42 16 16-0053	EA	24" x 24" x 12" Terrazzo Mop Service Sink With Strainer (Acorn TSH-24)	1,042.68	172.16
22 42 16 16-0054	EA	36" x 24" x 12" Terrazzo Mop Service Sink With Strainer (Acorn TSH-3624)	1,287.44	206.58
22 42 16 16-0055		**Stainless Steel Sink And Drainboard** *(22 42 16 16-0001)*		
22 42 16 16-0056	EA	Stainless Steel Sink With One 24" x 24" x 14" Depth Compartment And Drain Board, 14 Gauge Stainless Steel With Tubular Adjustable Legs (Advance Tabco 94-41-24-24L)	4,632.69	286.93
22 42 16 16-0057		**Sink Carriers** *(22 42 16 16)*		
22 42 16 16-0058		**Floor Mounted, Sink Carriers** *(22 42 16 16-0057)* Note: With support plates, adjustable coupling with 4" piping connection, mounting studs, structural uprights, welded feet and chrome plated trim.		
22 42 16 16-0059	EA	Floor Mounted Heavy-Duty Support Plate Type, Single Sink Carrier With 4" Adjustable Coupling	906.88	43.62
		For Vandal Proof Trim, Add	*91.60*	
		For Valve Plate For Attaching To Upright, Add	*116.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 16-0060	EA	Floor Mounted Heavy-Duty Support Plate Type, Single Sink Carrier With 4" Adjustable Coupling And 4" x 2" Waste Fitting	1,523.04	43.62
		For Vandal Proof Trim, Add	*91.60*	
		For Auxiliary Vent, Add	*268.81*	
22 42 16 16-0061	EA	Floor Mounted Heavy-Duty Support Plate Type, Single Sink Carrier With Exposed Acid Resistant White Coated Arms	1,915.13	43.62
		For Up To 4" Extension Sleeves And Hardware, Add	*69.09*	
		For Vandal Proof Trim, Add	*91.60*	

22 42 16 16-0062 Removal And Reinstallation Of Sink And Trim *(22 42 16 16)*

Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.

22 42 16 16-0063	EA	Removal And Reinstallation Of Wall Hung Service Sink With Faucet	462.79	

22 42 16 16-0064 Portable Sinks *(22 42 16 16)*

22 42 16 16-0065	EA	62" Height x 30" Width x 27-3/8" Deep, Portable Hand Sink, Cold Water (Crown Verity CV-PHS-5C) Note: Includes polyethylene construction, (1) 18" wide x 13" front-to-back x 6" deep bowl, lockable access door, (1) 5 gallon (20 liter) removable fresh water tank, (1) 7.5 gallon (30 liter) removable waste water tank, hands free mechanical foot pump, backsplash with soap and towel dispensers, ability to connect directly to city water and drain hookups.	2,378.91	

22 42 19 Commercial Bathtubs *(22 42)*

22 42 19 00-0001 Recessed Alcove Bathtubs *(22 42 19)*

22 42 19 00-0002 Porcelain Enameled Cast Iron, Recessed Alcove Bathtubs *(22 42 19 00-0001)*

22 42 19 00-0003	EA	54" x 30-1/4" x 14", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Seaforth™)	2,356.45	319.07
22 42 19 00-0004	EA	60" x 32" x 16-1/4", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Mendota®)	1,692.93	319.07
22 42 19 00-0005	EA	60" x 32" x 16-1/4", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Dynametric®)	1,724.83	319.07
22 42 19 00-0006	EA	66" x 32" x 17", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Bellwether®)	1,681.67	319.07

22 42 19 00-0007 Porcelain Enameled Steel, Recessed Alcove Bathtubs *(22 42 19 00-0001)*

22 42 19 00-0008	EA	60" x 30" x 14-1/4", Porcelain Enameled Steel, Recessed Alcove Bathtub (American Standard New Salem®)	763.97	319.07
22 42 19 00-0009	EA	60" x 30" x 16-5/8", Porcelain Enameled Steel, Recessed Alcove Bathtub (American Standard New Solar®)	925.42	319.07

22 42 19 00-0010 Porcelain Finished Metal Alloy, Recessed Alcove Bathtubs *(22 42 19 00-0001)*

22 42 19 00-0011	EA	60" x 32" x 17-3/4", Porcelain Finished Metal Alloy, Recessed Alcove Bathtub (American Standard Cambridge™)	1,335.69	319.07

22 42 19 00-0012 Acrylic, Recessed Alcove Bathtubs *(22 42 19 00-0001)*

22 42 19 00-0013	EA	60" x 32" x 19", Acrylic, Recessed Alcove Bathtub (Kohler® Archer®)	1,362.30	319.07
22 42 19 00-0014	EA	60" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®)	1,640.79	319.07
22 42 19 00-0015	EA	66" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®)	1,667.31	319.07
22 42 19 00-0016	EA	72" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®)	1,647.24	319.07
22 42 19 00-0017	EA	72" x 42" x 21", Acrylic, Recessed Alcove Bathtub (Kohler® Windward®)	1,680.57	319.07

22 42 19 00-0018 Bathtub Refinishing *(22 42 19)*

22 42 19 00-0019	EA	Refinish Porcelain Finished Bathtub With Acrylic Urethane Enamel	675.81	

22 42 19 00-0020 Tub And Shower Combinations *(22 42 19)*

22 42 19 00-0021 Acrylic Tub And Shower Combination *(22 42 19 00-0020)*

22 42 19 00-0022	EA	1 Piece, 60" x 32" x 72" Acrylic Tub And Shower (Delta B23207-6032-WH)	918.17	119.23
		For 2 Piece Enclosure, Deduct	*-207.55*	

22 42 19 00-0023 Fiberglass Tub And Shower Combination *(22 42 19 00-0020)*

22 42 19 00-0024	EA	1 Piece 60" x 32" x 72" Fiberglass Tub And Shower (Aquatic 2603-SG)	1,115.36	119.23
22 42 19 00-0025	EA	2 Piece 60" x 30" x 72" Fiberglass Tub And Shower (Aquatic 2603-2P)	1,099.09	119.23
22 42 19 00-0026	EA	4 Piece 60" x 32" x 75-1/2" Fiberglass Tub And Shower (Aquatic 26030-4P)	1,614.82	179.95
22 42 19 00-0027	EA	3 Piece Tub/Shower Surrounds, 32" x 72" Side Walls, 48" x 72" Back, (Swanstone SK-324872)	2,513.76	382.30
		For 2 Piece Enclosure, Deduct	*-531.71*	

22 42 23 Commercial Showers *(22 42)*

22 42 23 00-0001 Shower Enclosures *(22 42 23)*

Note: Includes precast concrete receptors. Excludes plumbing hook-up and door or curtain.

22 42 23 00-0002 Powder Coated Or Baked Enamel Steel Shower Enclosure *(22 42 23 00-0001)*

22 42 23 00-0003	EA	32" x 32" x 82" Baked Enamel Steel Shower Enclosure (General Partitions)	1,688.32	185.12
22 42 23 00-0004	EA	36" x 36" x 82" Baked Enamel Steel Shower Enclosure (General Partitions)	1,834.77	185.12
22 42 23 00-0005	EA	40" x 40" x 82" Baked Enamel Steel Shower Enclosure (General Partitions)	2,772.08	185.12
22 42 23 00-0006	EA	40" x 48" x 82" Handicapped, Baked Enamel Steel Shower Enclosure (General Partitions)	3,050.34	185.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 23 00-0007		**Solid Plastic Core High-Density Polymer (HDP) Shower Enclosure** *(22 42 23 00-0001)*		
22 42 23 00-0008	EA	32" x 32" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions)	2,755.97	185.12
22 42 23 00-0009	EA	36" x 36" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions)	3,021.05	185.12
22 42 23 00-0010	EA	40" x 40" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions)	4,339.13	185.12
22 42 23 00-0011	EA	40" x 48" x 82" Handicapped, Solid Plastic Shower Enclosure (General Partitions)	4,851.72	185.12
22 42 23 00-0012		**Composite Fiberglass Shower Enclosure, 4 Piece Knock-Down** *(22 42 23 00-0001)*		
22 42 23 00-0013	EA	32" x 32" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 3232CS)	999.01	185.12
22 42 23 00-0014	EA	36" x 36" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 3636CS)	1,030.42	185.12
22 42 23 00-0015	EA	34" x 48" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 4834CS)	1,074.64	185.12
22 42 23 00-0016	EA	30" x 60" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 6030CSL)	1,172.07	185.12
22 42 23 00-0017	EA	34" x 60" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 6034CS)	1,182.96	185.12
22 42 23 00-0018		**1 Piece Shower Units** *(22 42 23)*		
22 42 23 00-0019	EA	32" x 32" x 73", 1 Piece, Fiberglass Shower With Drain (Swan VP3232CS)	1,043.31	119.23
22 42 23 00-0020	EA	36" x 36" x 73", 1 Piece, Fiberglass Shower With Drain (Swan VP3636CS)	1,076.64	119.23
22 42 23 00-0021		**Personnel Type Shower Receptors** *(22 42 23)*		
22 42 23 00-0022		**Acrylic Shower Receptors** *(22 42 23 00-0021)*		
22 42 23 00-0023	EA	36" x 36" Acrylic Shower Receptor	644.45	46.74
22 42 23 00-0024	EA	42" x 42" Acrylic Shower Receptor	685.20	46.74
22 42 23 00-0025	EA	48" x 48" Acrylic Shower Receptor	766.58	46.74
22 42 23 00-0026	EA	60" x 60" Acrylic Shower Receptor	933.42	56.09
22 42 23 00-0027	EA	48" x 32" Acrylic Shower Receptor	646.37	46.74
22 42 23 00-0028	EA	48" x 36" Acrylic Shower Receptor	699.96	46.74
22 42 23 00-0029	EA	48" x 42" Acrylic Shower Receptor	799.67	46.74
22 42 23 00-0030	EA	60" x 32" Acrylic Shower Receptor	882.70	56.09
22 42 23 00-0031	EA	60" x 36" Acrylic Shower Receptor	889.60	56.09
22 42 23 00-0032	EA	60" x 42" Acrylic Shower Receptor	895.93	56.09
22 42 23 00-0033	EA	60" x 48" Acrylic Shower Receptor	995.00	56.09
22 42 23 00-0034	EA	36" x 36" Acrylic Corner Shower Receptor	971.11	46.74
22 42 23 00-0035	EA	42" x 42" Acrylic Corner Shower Receptor	1,124.92	46.74
22 42 23 00-0036		**Molded Stone Shower Receptors** *(22 42 23 00-0021)*		
22 42 23 00-0037	EA	32" x 32" Molded Stone Shower Receptor (Fiat 32WL)	318.88	46.74
22 42 23 00-0038	EA	34" x 34" Molded Stone Shower Receptor (Fiat 34WL)	333.78	46.74
22 42 23 00-0039	EA	36" x 36" Molded Stone Shower Receptor (Fiat 36WL)	335.44	46.74
22 42 23 00-0040	EA	42" x 42" Molded Stone Shower Receptor (Fiat 4242WL)	409.11	46.74
22 42 23 00-0041	EA	42" x 34" Molded Stone Shower Receptor (Fiat 42WL)	364.41	46.74
22 42 23 00-0042	EA	48" x 32" Molded Stone Shower Receptor (Fiat 4832WL)	385.11	46.74
22 42 23 00-0043	EA	48" x 34" Molded Stone Shower Receptor (Fiat 48WL)	387.59	46.74
22 42 23 00-0044	EA	54" x 34" Molded Stone Shower Receptor (Fiat 54WL)	449.39	56.09
22 42 23 00-0045	EA	60" x 34" Molded Stone Shower Receptor (Fiat 60WL)	465.12	56.09
22 42 23 00-0046	EA	36" x 36" Molded Stone Corner Shower Receptor (Fiat 36WLC)	368.55	46.74
22 42 23 00-0047	EA	38" x 38" Molded Stone Corner Shower Receptor (Fiat 38WLC)	377.66	46.74
22 42 23 00-0048		**Precast Terrazzo Shower Receptors** *(22 42 23 00-0021)*		
22 42 23 00-0049	EA	30" x 30" Precast Terrazzo Shower Receptor	588.75	46.74
22 42 23 00-0050	EA	32" x 32" Precast Terrazzo Shower Receptor	611.10	46.74
22 42 23 00-0051	EA	34" x 34" Precast Terrazzo Shower Receptor	631.80	46.74
22 42 23 00-0052	EA	36" x 36" Precast Terrazzo Shower Receptor	634.28	46.74
22 42 23 00-0053	EA	40" x 40" Precast Terrazzo Shower Receptor	693.06	46.74
22 42 23 00-0054	EA	42" x 42" Precast Terrazzo Shower Receptor	722.86	46.74
22 42 23 00-0055	EA	48" x 48" Precast Terrazzo Shower Receptor	1,010.94	46.74
22 42 23 00-0056	EA	36" x 32" Precast Terrazzo Shower Receptor	626.83	46.74
22 42 23 00-0057	EA	42" x 32" Precast Terrazzo Shower Receptor	638.70	46.74
22 42 23 00-0058	EA	42" x 34" Precast Terrazzo Shower Receptor	659.94	46.74
22 42 23 00-0059	EA	42" x 36" Precast Terrazzo Shower Receptor	686.43	46.74
22 42 23 00-0060	EA	32" x 48" Precast Terrazzo Shower Receptor	688.92	46.74
22 42 23 00-0061	EA	48" x 34" Precast Terrazzo Shower Receptor	722.86	46.74
22 42 23 00-0062	EA	54" x 32" Precast Terrazzo Shower Receptor	756.80	46.74
22 42 23 00-0063	EA	60" x 30" Precast Terrazzo Shower Receptor	1,021.11	56.09
22 42 23 00-0064	EA	60" x 32" Precast Terrazzo Shower Receptor	1,115.04	56.09
22 42 23 00-0065	EA	60" x 34" Precast Terrazzo Shower Receptor	1,119.65	56.09
22 42 23 00-0066	EA	60" x 36" Precast Terrazzo Shower Receptor	1,124.23	56.09
22 42 23 00-0067	EA	32" x 32" Precast Terrazzo Corner Shower Receptor	637.59	46.74
22 42 23 00-0068	EA	34" x 34" Precast Terrazzo Corner Shower Receptor	638.70	46.74
22 42 23 00-0069	EA	36" x 36" Precast Terrazzo Corner Shower Receptor	640.90	46.74
22 42 23 00-0070	EA	40" x 40" Precast Terrazzo Corner Shower Receptor	765.90	46.74
22 42 23 00-0071	EA	36" x 36", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor	1,382.63	46.74
22 42 23 00-0072	EA	60" x 30", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor	1,540.46	56.09
22 42 23 00-0073	EA	60" x 36", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor	1,605.03	56.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 23 00-0074		**Shower Receptors Accessories** *(22 42 23 00-0021)*		
22 42 23 00-0075	SF	Polyvinyl Chloride (PVC) Shower Pan Liner	4.07	
22 42 23 00-0076		**Removal And Reinstallation Of Fixtures And Trim** *(22 42 23)*		
		Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 23 00-0077	EA	Removal And Reinstallation Of Shower Head	56.09	
22 42 26		**Commercial Disposers** *(22 42)*		
		See CSI section 22 41 26 00-0001 for disposals.		
22 42 33		**Wash Fountains** *(22 42)*		
22 42 33 00-0001		**Circular Wash Fountain, Deep Bowl** *(22 42 33)*		
		Note: Includes trim and trap. 2" IPS waste outlets foot control/hand control operated.		
22 42 33 00-0002	EA	36" Stainless Steel Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2705F-A-LSD)	9,742.07	193.20
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0003	EA	36" Bradstone® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2805F-A-LSD)	5,739.07	193.20
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0004	EA	36" Terreon® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3105AIRLSDE)	9,959.72	193.20
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0005	EA	54" Stainless Steel Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2708F-A-LSD)	12,416.00	220.79
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0006	EA	54" Bradstone® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2808F-A-LSD)	6,622.00	220.79
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0007	EA	54" Terreon® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3108AIRLSDE)	11,934.41	220.79
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0008		**Semi-Circular Wash Fountain, Deep Bowl** *(22 42 33)*		
		Note: Includes trim and trap. 2" IPS waste outlets foot control/hand control operated.		
22 42 33 00-0009	EA	36" Stainless Steel Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2703F-A-LSD)	8,499.80	165.60
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0010	EA	36" Bradstone® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2803F-A-LSD)	5,240.48	165.60
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0011	EA	36" Terreon® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3103AIRLSDE)	7,550.40	165.60
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0012	EA	54" Stainless Steel Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2704F-A-LSD)	10,429.50	193.20
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0013	EA	54" Bradstone® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2804F-A-LSD)	6,323.89	193.20
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0014	EA	54" Terreon® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3104AIRLSDE)	8,982.05	193.20
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 39		**Commercial Faucets, Supplies, and Trim** *(22 42)*		
22 42 39 00-0001		**Kitchen Faucets** *(22 42 39)*		
22 42 39 00-0002	EA	Top Cast Kitchen Faucet, Single Handle, Chrome Finish (Delta 140-DST)	273.51	57.39
22 42 39 00-0003	EA	Top Cast Kitchen Faucet With Spray, Single Handle, Chrome Finish (Delta 440-DST)	312.70	57.39
22 42 39 00-0004	EA	Top Cast Kitchen Faucet, Single Handle, Stainless Steel Finish (Delta 140-SS-DST)	309.67	57.39
22 42 39 00-0005	EA	Top Cast Kitchen Faucet With Spray, Single Handle, Stainless Steel Finish (Delta 440 -SS-DST)	343.68	57.39
22 42 39 00-0006	EA	Top Cast Kitchen Faucet, Two Handle, Chrome Finish, 8" Center, Lever Handles (Delta 2102LF-LHP+H24)	252.81	57.39
22 42 39 00-0007	EA	Top Cast Kitchen Faucet With Spray, Two Handle, Chrome Finish, 8" Center, Lever Handles (Delta 2402LF-LHP+H24)	280.41	57.39
22 42 39 00-0008	EA	Top Cast Kitchen Faucet, Two Handle, Chrome Finish, Center Gooseneck Faucet, Lever Handles (Delta 21987LF)	373.44	57.39
22 42 39 00-0009	EA	Top Cast Kitchen Faucet With Spray, Two Handle, Chrome Finish, Center Gooseneck Faucet, Lever Handles (Delta 21996LF)	256.70	57.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0010	EA	Bottom Mount Kitchen Faucet, Single Handle, Chrome Finish (Delta 101LF-WF)	246.25	57.39
22 42 39 00-0011	EA	Bottom Mount Kitchen Faucet With Spray, Single Handle, Chrome Finish (Delta 175LF-WF)	297.33	57.39
22 42 39 00-0012	EA	Bottom Mount Kitchen Faucet, Two Handle, Chrome Finish, Gooseneck Faucet, Lever Handles (Delta 2274-LHP+H24)	533.93	57.39
22 42 39 00-0013	EA	Bottom Mount Kitchen Faucet With Spray, Two Handle, Chrome Finish, Gooseneck Faucet, Lever Handles (Delta 2276-LHP+H24)	588.79	57.39
22 42 39 00-0014	EA	Deck Mount Sink Faucet, 8" Center Set, Lever Handles (Chicago Faucet 1100 ABCP)	550.18	62.33
22 42 39 00-0015	EA	Deck Mount Sink Faucet, 8" Center Set, 4" Wristblade Handles (Chicago Faucet 1100-GN2AE3-317CP)	547.51	62.33
22 42 39 00-0016	EA	Deck Mount Gooseneck Sink Faucet, 4" Center Set, Blade Handles (Chicago Faucet 802-317CP)	399.91	62.33
22 42 39 00-0017	EA	Chrome Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041CR)	971.73	57.39
22 42 39 00-0018	EA	Brushed Nickel Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041NK)	1,237.92	57.39
22 42 39 00-0019	EA	Oil Rubbed Bronze Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041RB)	1,326.65	57.39
22 42 39 00-0020	EA	Chrome Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041CR)	971.73	57.39
22 42 39 00-0021	EA	Brushed Nickel Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041NK)	1,237.92	57.39
22 42 39 00-0022	EA	Oil Rubbed Bronze Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041RB)	1,326.65	57.39
22 42 39 00-0023	EA	Kitchen Faucet, Single Handle, Chrome Finish (Moen 7425)	254.28	57.39

22 42 39 00-0024 Lavatory Faucets *(22 42 39)*

22 42 39 00-0025	EA	Single Handle Centerset Lavatory Faucet, Polished Chrome Finish (Delta Lahara 538-MPU-DST)	360.46	41.32
22 42 39 00-0026	EA	4" Centerset Lavatory Faucet With Chrome Lever Handle (Delta 501LF-WF)	247.14	41.32
22 42 39 00-0027	EA	4" Classic Style Centerset Lavatory Faucet With Chrome Lever Handles (Delta 2523LF-MPU)	309.13	41.32
22 42 39 00-0028	EA	4" Centerset Lavatory Faucet With Chrome Lever Handles (Delta 2529LF-HDM)	340.04	41.32
22 42 39 00-0029	EA	Classic Style Widespread Lavatory Faucet With Chrome Lever Handles (Delta 3530LF-MPU)	419.89	41.32
22 42 39 00-0030	EA	Widespread Lavatory Gooseneck Faucet With Chrome Lever Handles (Delta 3579LF-WFHDF)	502.28	41.32
22 42 39 00-0031	EA	Self Closing/Metered Faucet, Brass, Single Hole, Push Handle (Delta 86T104)	295.79	41.32
22 42 39 00-0032	EA	Self Closing/Metered Faucet, Double Hole, Push Handles (American Standard 1340.225.002)	455.42	41.32
22 42 39 00-0033	EA	Single Inlet, Push Handle Metering Faucet, ADA (Chicago Faucet 333-665)	325.45	41.32
22 42 39 00-0034	EA	3" Reach, 4-Arm Handle Single Basin Faucet (T&S Brass 0710)	333.22	41.32
22 42 39 00-0035	EA	3" Reach, Push Handle Self-Closing Valve, Single Basin Metering Faucet (T&S Brass 0712)	404.44	41.32
22 42 39 00-0036	EA	4" Reach, Push Handle Self-Closing Valve, Single Basin Metering Faucet (T&S Brass 0805)	396.02	41.32
22 42 39 00-0037	EA	4" Classic Style Centerset Lavatory Faucet With Chrome Lever Handles (Zurn Z81104)	321.73	41.32

22 42 39 00-0038 Bath And Shower Faucets *(22 42 39)*

22 42 39 00-0039 Bath And Shower Faucets With Valve Body *(22 42 39 00-0038)*

22 42 39 00-0040	EA	Single Lever Handle, Chrome Tub Filler, Pressure-Balance (American Standard T480 500)	315.98	49.81
22 42 39 00-0041	EA	Single Lever Handle, Chrome Shower Only, Pressure-Balance (American Standard T480.501)	374.45	49.81
22 42 39 00-0042	EA	Single Lever Handle, Chrome Shower And Tub Filler, Pressure-Balance (American Standard T480.502)	411.94	49.81
22 42 39 00-0043	EA	Two Lever Handle, Chrome Tub Filler (American Standard Colony Soft 3275.505)	290.50	49.81
		For Faucet With Metal Cross Handles, Add	*45.75*	
22 42 39 00-0044	EA	Two Lever Handle, Chrome Shower Only (American Standard Colony Soft 3275.501)	305.49	49.81
		For Faucet With Metal Cross Handles, Add	*45.75*	
22 42 39 00-0045	EA	Two Lever Handle, Chrome Shower And Tub Filler (American Standard Colony Soft 3275.502)	348.97	49.81
		For Faucet With Metal Cross Handles, Add	*45.75*	
22 42 39 00-0046	EA	Three Lever Handle, Chrome Shower And Tub Filler (American Standard Colony Soft 3375.502)	398.44	49.81
		For Faucet With Metal Cross Handles, Add	*45.75*	

22 42 39 00-0047 Shower Valves And Trim *(22 42 39)*

See CSI section 22 41 39 00-0017 for residential shower valves and heads.

22 42 39 00-0048	EA	Removable Hand Held Shower With Hose Wall Hook And Inline Vacuum Breaker (Powers 141-318 with 141-319)	495.08	77.47
22 42 39 00-0049	EA	Concealed Thermostatic/Pressure Balancing Control Valve With Chrome Plated Shower Head (Chicago Faucet 2502-600CP)	1,181.30	77.47
22 42 39 00-0050	EA	Concealed Pressure Balancing Control Valve With Chrome Plated Shower Head (Chicago Faucet 1762-ISCP)	803.28	77.47
22 42 39 00-0051	EA	Senior Institutional Shower Head (Symmons® 4-150)	306.61	49.81
22 42 39 00-0052	EA	Universal Institutional Shower Head (Symmons® 4-151)	529.85	49.81
22 42 39 00-0053	EA	Fre-Flo Institutional Shower Head (Symmons® 4-295)	365.38	49.81
22 42 39 00-0054	EA	Fre-Flo Institutional Shower Head With Short Arm (Symmons® 4-385)	269.13	49.81
22 42 39 00-0055	EA	Wall Mounted Shower Valve And Slide Bar, Single Lever Concealed Mixer (Symmons® 96-300-B30-V-X)	1,189.47	74.60
22 42 39 00-0056	EA	Wall Mounted Shower Valve, Tub Faucet, And Slide Bar, Single Lever Concealed Mixer (Symmons® 96-400-B30-V-X)	959.51	86.08
22 42 39 00-0057	EA	Wall Mounted Shower Valve, Slide Bar And Head, Single Lever Concealed Mixer (Symmons® 96-500-B30-V-X)	1,285.30	86.08
22 42 39 00-0058	EA	Wall Mounted Shower Valve, Tub Faucet, Slide Bar And Head, Single Lever Concealed Mixer (Symmons® 96-600-B30-V-X)	1,828.94	91.81
22 42 39 00-0059	EA	Stainless Steel Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Soap Dish, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-801S/1-802S)	1,660.49	77.47
		For Hand Spray, Hose And Wall Hooks, Add	*106.44*	
		For Recessed Soap Dish, Add	*108.12*	
		For Hand Spray, Hose And 30" Slide Bar, Add	*165.51*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0060	EA	Stainless Steel Corner Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Soap Dish, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-807)	1,985.84	77.47
		For Hand Spray, Hose And Wall Hooks, Add	*106.44*	
		For Recessed Soap Dish, Add	*108.12*	
		For Hand Spray, Hose And 30" Slide Bar, Add	*165.51*	
		For Pressure Balance And Metering Combination, Add	*291.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0061	EA	Stainless Steel Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S)	1,332.53	77.47
		For Hand Spray, Hose And Wall Hooks, Add	*19.32*	
		For Hand Spray, Hose And 30" Slide Bar, Add	*78.39*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0062	EA	Stainless Steel Institutional Shower System With Flat Wall Recessed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-911RS)	2,043.03	77.47
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0063	EA	Stainless Steel Double Outlet Institutional Shower System With Thru-Ceiling Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-902S-FS)	2,196.18	77.47
		For Hand Spray, Hose And 30" Slide Bar, Add	*59.07*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0064	EA	Stainless Steel Institutional Triple Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Heads, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-931)	4,103.79	77.47
		For Recessed Soap Dish, Add	*83.94*	
		For Pressure Balance And Metering Combination, Add	*227.79*	
22 42 39 00-0065	EA	Stainless Steel Institutional Double Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Heads, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-921)	3,577.02	77.47
		For Recessed Soap Dish, Add	*83.94*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0066	EA	Stainless Steel Tub And Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-941-231)	1,764.83	77.47
22 42 39 00-0067	EA	Stainless Steel Double Outlet Institutional Shower System With Flat Wall Recessed Piping Covering, Vandal Resistant Adjustable Shower Head, Hand Spray, Hose, Wall Hooks, Soap Dish And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-912RS-FS)	2,742.07	77.47
		For Hand Spray, Hose And 30" Slide Bar, Add	*59.07*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0068	EA	Stainless Steel Single Supply Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S-60)	1,762.37	77.47
22 42 39 00-0069	EA	Stainless Steel Single Supply Single Outlet Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S-22-FS)	1,756.97	77.47
		For Hand Spray, Hose And 30" Slide Bar, Add	*59.07*	
22 42 39 00-0070	EA	Single Lever Handle, Chrome, Pressure-Balance, Shower System (Symmons SafetyMix 1-100-X-3/4)	1,300.62	68.86
22 42 39 00-0071	EA	Single Lever Handle, Chrome, Pressure-Balance, Shower Valve (Symmons SafetyMix 4-500)	1,010.22	49.81
22 42 39 00-0072		**Service Sink Faucets** *(22 42 39)*		
22 42 39 00-0073	EA	4-5/8" Spout With Vacuum Breaker, Wall Mount Service Sink Faucet With Lever Handles (Kohler® Kinlock™)	686.81	95.55
22 42 39 00-0074	EA	3" Spout, Wall Mount, Service Sink Faucet With Lever Handles (American Standard 8340.235)	477.81	95.55
22 42 39 00-0075	EA	3" Spout With Vacuum Breaker, Wall Mount Service Sink Faucet With Lever Handles (American Standard 8340.243)	518.29	95.55
22 42 39 00-0076	EA	6" Spout With Vacuum Breaker And Top Brace, Wall Mount Service Sink Faucet, Lever Handles (American Standard 8344.012)	539.28	95.55
22 42 39 00-0077	EA	7-1/4" Spout With Bottom Fork Brace, Stops In Integral Arm, Wall Mount Service Sink Faucet With Wrist Blade Handles (American Standard 8355.101)	700.12	133.94
22 42 39 00-0078	EA	7-1/4" Spout With Vacuum Break And Bottom Fork Brace, Stops In Integral Arm, Wall Mount Service Sink Faucet With Wrist Blade Handles (American Standard 8355.110)	782.77	152.65
22 42 39 00-0079	EA	11" Spout With Bottom Fork Brace, Stops In Integral Arm, Wall Mount Service Sink Faucet With Wrist Blade Handles (American Standard 8345.115)	914.71	152.65
22 42 39 00-0080	EA	44" Flexible Stainless Steel Hose With Insulated Handle, 23" Riser, Pre-Rinse Faucet (Chicago Faucet 923-XKCAB)	1,113.81	152.65
22 42 39 00-0081		**Laboratory Faucets And Fittings** *(22 42 39)*		
22 42 39 00-0082	EA	Cold Faucet, Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Laboratory Faucet (Chicago Faucet 927)	277.92	40.63
22 42 39 00-0083	EA	Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Hot And Cold, Laboratory Faucet (Chicago Faucet 929)	459.27	57.39
22 42 39 00-0084	EA	Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Hot And Cold, Laboratory Faucet With Vacuum Breaker (Chicago Faucet 930)	603.54	57.39
22 42 39 00-0085	EA	Cold Wall Mount, Gooseneck Spout With Aerator, Laboratory Faucet (Chicago Faucet 933)	362.23	53.59
22 42 39 00-0086	EA	6" Spout With Aerator, Wall Mount, Hot And Cold, Laboratory Faucet (Chicago Faucet 940)	490.41	76.44
22 42 39 00-0087	EA	6" Spout With Aerator And Vacuum Breaker, Wall Mount, Hot And Cold, Laboratory Faucet (Chicago Faucet 940-VBE7-CP)	678.52	76.44
22 42 39 00-0088	EA	Dual Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Hot And Cold, Laboratory Faucet (Chicago Faucet 946)	544.66	57.39
22 42 39 00-0089	EA	Gooseneck Spout With Aerator, Wall Mount, Hot And Cold, Laboratory Faucet (Chicago Faucet 942)	524.60	76.44
22 42 39 00-0090	EA	Single Control, Single Hole Deck Mount Sink Faucet (Chicago Faucet 350-CP)	346.57	44.12
22 42 39 00-0091	EA	Dual Control, Single Hole Deck Mount Sink Faucet (Chicago Faucet 50-CP)	488.14	62.33
22 42 39 00-0092	EA	4" Center Set, Deck Mount, Lavatory Faucet With Blade Handles (Chicago Faucet 802)	368.92	62.33
22 42 39 00-0093	EA	4" Center Set, Deck Mount, Gooseneck Sink Faucet With Blade Handles (Chicago Faucet 895-317ABCP)	457.40	62.33
22 42 39 00-0094	EA	Gas Ball Valve, Removable Nozzle, With Index Button (Chicago Faucet 909-AGVCP)	108.37	38.33
22 42 39 00-0095	EA	Dual Service Lab Fitting, Two Gas And One Water Outlet (Chicago Faucet 1332-CP)	759.47	68.86
22 42 39 00-0096	EA	Dual Service Lab Fitting With Wristblade Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-317CP)	986.74	68.86
22 42 39 00-0097	EA	Dual Service Lab Fitting With Metal Cross Handle, Inline Vacuum Breaker, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7-204CP)	1,193.79	68.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0098	EA	Dual Service Lab Fitting With Plastic Cross Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7CP)	1,051.61	68.86
22 42 39 00-0099	EA	Dual Service Lab Fitting With Chemical Resistant Coating And Plastic Cross Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7SAM)	1,258.93	68.86
22 42 39 00-0100	EA	Single, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-131WSA)	168.43	37.88
22 42 39 00-0101	EA	90 Degree Double, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-132AWSA)	236.54	45.45
22 42 39 00-0102	EA	180 Degree Double, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-132SWSA)	236.54	45.45
22 42 39 00-0103	EA	Three Way, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-133WSA)	304.66	53.02
22 42 39 00-0104	EA	Four Way, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-134WSA)	372.76	60.60

22 42 39 00-0105 Gooseneck Faucets With Independent Eyewash *(22 42 39)*

22 42 39 00-0106	EA	Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA)	937.46	43.04
22 42 39 00-0107	EA	Single Lever Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-SL)	1,016.64	40.17
22 42 39 00-0108	EA	8" Stem, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-8)	1,312.89	43.04
22 42 39 00-0109	EA	Serrated Tip With Vacuum Breaker, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-ST)	1,386.79	43.04
22 42 39 00-0110	EA	Thermostatic Mixing Valve Kit For The SEF-1800 (Speakman SEF-TW)	1,685.97	28.70
22 42 39 00-0111	EA	Foot Pedal Activation, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-FP)	2,030.04	71.73
22 42 39 00-0112	EA	Thermostatic Mixing Valve Kit, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-TW)	2,836.27	71.73
22 42 39 00-0113	EA	8" Stem, Thermostatic Mixing Valve Kit, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-8TW)	2,930.33	71.73
22 42 39 00-0114	EA	Adjustable Aerated Outlet Heads, Gooseneck Faucet Mounted Eyewash (WaterSaver EW101)	371.85	43.63
22 42 39 00-0115	EA	Gooseneck Faucet Mounted Eyewash With Faucet Control Valve (WaterSaver EW200)	411.08	43.63
22 42 39 00-0116	EA	Gooseneck Faucet Mounted Eyewash With Faucet Control Valve (WaterSaver EW201)	445.34	43.63
22 42 39 00-0117	EA	6 Gallon Capacity, Tempering Valve (WaterSaver AP3600)	2,032.06	28.70

22 42 39 00-0118 Bubblers And Glass Fillers *(22 42 39)*

22 42 39 00-0119	EA	Self-Closing Bubbler Faucet, Metering Handle (Chicago Faucet 748-665CP)	505.81	40.63
22 42 39 00-0120	EA	Wall Mount Glass Filler, 1/2" Flanged Female Inlet (Chicago Faucet 313-CP)	442.04	53.59
22 42 39 00-0121	EA	7" Overall Outlet Height, Deck Mount Glass Filler, 1/2" Flanged Female Inlet (Chicago Faucet 709-CP)	498.64	40.63
22 42 39 00-0122	EA	Wall Mount, Push Button Single Glass Filler (Chicago Faucet 324-CP)	291.48	58.21
22 42 39 00-0123	EA	Deck Mount, Lever Handle Drinking Faucet (Haws 5054LF)	593.80	44.12
22 42 39 00-0124	EA	Push Button Bubbler, 1/2" OD (Haws 5017LF)	602.05	44.12
22 42 39 00-0125	EA	Push Button Bubbler, 3/8" NPT (Haws 5010-6427)	497.85	44.12

22 42 39 00-0126 Automatic Electronic Sensor Faucets *(22 42 39)*

22 42 39 00-0127	EA	Electronic Lavatory Faucet (American Standard 6055.205.002)	914.10	95.72
		For Faucet With Temperature Control, Add	*40.00*	
22 42 39 00-0128	EA	Electronic Lavatory Gooseneck Faucet (American Standard 6055.105.002)	923.09	95.72
		For Faucet With Temperature Control, Add	*40.00*	
22 42 39 00-0129	EA	Electronic Gooseneck Faucet (Chicago Faucet 116.103.AB.1)	1,249.70	103.95
22 42 39 00-0130	EA	Electronic Lavatory Faucet (Chicago Faucet 116.112.AB.1)	1,308.76	95.72
22 42 39 00-0131	EA	Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-30880)	1,962.05	103.95
22 42 39 00-0132	EA	Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-30880-BDT)	2,468.95	103.95
22 42 39 00-0133	EA	Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-35187)	2,302.74	103.95
22 42 39 00-0134	EA	Solar Powered, Electronic Lavatory Faucet With Integral Mixing Valve (Sloan Solis EAF-275-ISM)	1,596.09	95.72
22 42 39 00-0135	EA	Deck Mount, AC Power, Electronic Lavatory Faucet (T&S Brass EC1100)	1,100.28	95.72
22 42 39 00-0136	EA	Wall Mount, AC Power, Electronic Lavatory Faucet (T&S Brass EC1101)	1,162.69	95.72
22 42 39 00-0137	EA	Deck Mount, AC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC1102)	1,006.68	95.72
22 42 39 00-0138	EA	Deck Mount, DC Power, Electronic Lavatory Faucet (T&S Brass EC2100)	1,162.69	95.72
22 42 39 00-0139	EA	Deck Mount, DC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC2102)	1,015.37	95.72
22 42 39 00-0140	EA	Deck Mount, AC Power, Electronic Lavatory Gooseneck Faucet (T&S Brass EC3100)	1,015.37	95.72
22 42 39 00-0141	EA	Wall Mount, AC Power, Electronic Lavatory Gooseneck Faucet (T&S Brass EC3101)	1,143.67	95.72
22 42 39 00-0142	EA	Deck Mount, AC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC3102)	969.41	95.72
22 42 39 00-0143	EA	4" Deck Mount, AC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC3103)	930.05	95.72
22 42 39 00-0144	EA	Self-Generating EcoPower System, Single Supply Sensor Faucet, Standard Spout (Toto "Eco-Power" TEL3GKCN-60)	1,920.11	95.72

22 42 39 00-0145 Supply Lines and Shut-off Valves *(22 42 39)*

22 42 39 00-0146	EA	1/2" NPT x 3/8" Compression Chrome, Quarter Turn Angle Stop (SharkBite 23036-0000LF)	49.95	12.05
22 42 39 00-0147	EA	1/2" NPT x 3/8" Compression Chrome, Quarter Turn Straight Stop (SharkBite 23037-0000LF)	49.95	12.05
22 42 39 00-0148	EA	1/2" NPT x 3/8" Compression Chrome, Quarter Turn Dual Angle Stop (SharkBite 25558LF)	41.89	12.05
22 42 39 00-0149	PR	Pair of 16" Long, 3/8" OD x 1/2" IPS, Stainless Steel Braided Sink Supply Line	39.46	13.24
22 42 39 00-0150	EA	12" Long, 3/8" OD x 7/8" BC, Stainless Steel Braided Toilet Supply Line	22.50	7.79
22 42 39 00-0151	EA	12" Long, 1/2" OD x 7/8" BC, Stainless Steel Braided Toilet Supply Line	22.87	7.79

22 42 39 00-0152 Other Trim *(22 42 39)*

22 42 39 00-0153	EA	Faucet Aerator, Male Thread 13/16" Male, 2 GPM (Delta RP330)	23.61	6.23
22 42 39 00-0154	EA	1-1/2" Pop-up Tailpiece (Chicago Faucet 226-ACP)	144.74	18.70
22 42 39 00-0155	EA	1-1/4" Grid Strainer Tailpiece (Chicago Faucet 327-XCP)	64.52	15.58
22 42 39 00-0156	EA	1-1/2" Grid Strainer Tailpiece (Chicago Faucet 327-X1-1/2TPCP)	157.25	15.58
22 42 39 00-0157	EA	Lavatory Drainline Guard And Shutoff Covers (IPS Truebro Lav Guard 102)	74.37	17.22
22 42 39 00-0158	EA	Soft Lavatory Drainline Guard And Shutoff Covers (IPS Truebro Soft-Guard Plus)	94.03	17.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0159	EA	Lavatory Protective Enclosure (IPS Truebro Lav Shield)	318.72	17.22
22 42 39 00-0160	EA	36" Wide, Undersink Protective Enclosure (IPS Truebro Basin Guard)	419.09	17.22
22 42 39 00-0161	EA	42" Wide, Undersink Protective Enclosure (IPS Truebro Basin Guard)	289.32	17.22
22 42 39 00-0162	EA	Type 304 Stainless Steel Sink Drain And 3-1/2" Removable Conical Basket Strainer With Chrome Plated Brass 1-1/2" x 4" Tailpiece (Elkay LK35)	99.63	15.58
22 42 39 00-0163	EA	Type 304 Stainless Steel Sink Drain And 3-1/2" Removable Conical Basket Strainer With Type 304 Stainless Steel 1-1/2" x 4" Tailpiece (Elkay LK35)	137.24	15.58
22 42 39 00-0164	EA	Type 304 Stainless Steel Sink Drain And 3-1/2" Removable Conical Basket Strainer With Type 316 Stainless Steel 1-1/2" x 4" Tailpiece (Elkay LK35)	203.85	15.58

22 42 39 00-0165 Removal And Reinstallation Of Fixtures And Trim *(22 42 39)*

Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.

22 42 39 00-0166	EA	Removal And Reinstallation Of Faucet	99.71	

22 42 43 Flushometers *(22 42)*

22 42 43 00-0001 Water Closet Flush Valves *(22 42 43)*

22 42 43 00-0002	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-115XL)	268.16	39.14
22 42 43 00-0003	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-113-1.6)	260.06	39.14
22 42 43 00-0004	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-110 Or 111)	255.96	39.14
22 42 43 00-0005	EA	Back Spud, Concealed Manual Water Closet Flush Valve (Sloan Royal-140)	407.39	39.14
22 42 43 00-0006	EA	Top Spud, Concealed Nanual Water Closet Flush Valve (Sloan Royal-142)	505.20	39.14
22 42 43 00-0007	EA	Exposed Infrared Water Closet Flush Valve (Sloan Royal 115-1.6 ES-S)	864.95	39.14
22 42 43 00-0008	EA	Concealed Infrared Water Closet Flush Valve, Back Spud (Sloan Royal-140 ES-S)	766.17	39.14
22 42 43 00-0009	EA	Concealed Infrared Water Closet Flush Valve, Top Spud (Sloan Royal-153-1.6-ES-S)	807.43	39.14
22 42 43 00-0010	EA	Exposed Battery Powered Water Closet Flush Valve (Sloan G2 Optima Plus 8113)	734.98	39.14
22 42 43 00-0011	EA	Dual Flush Water Closet Flush Valve (Sloan Uppercut WES-115) Note: "Green". 1.6 Gallons or 1.1 Gallons per flush. Includes instructional placards on proper operation.	350.84	39.14
22 42 43 00-0012	EA	Exposed Battery Powered Water Closet Flush Valve (Sloan G2 Optima Plus 8110)	715.27	39.14
22 42 43 00-0013	EA	Side Mount Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan Optima EBV-89A)	295.84	39.14
22 42 43 00-0014	EA	Side Mount Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Technical Concepts 40118X)	468.18	39.14
22 42 43 00-0015	EA	Slide Over Handle Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan Optima Smooth EBV-200A)	351.90	34.43
22 42 43 00-0016	EA	Slide Over Handle Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Technical Concepts 40180X)	432.58	34.43
22 42 43 00-0017	EA	1.28 GPF, Exposed Infrared Water Closet Flush Valve (Toto EcoPower TET1LN)	726.92	39.14
22 42 43 00-0018	EA	Exposed Infrared Water Closet Flush Valve (1-1/2" V.B.) 1.28 GPF (Toto EcoPower TET1LN32)	796.22	39.14
22 42 43 00-0019	EA	1.28 GPF, Back Spud, Concealed Infrared Water Closet Flush Valve (Toto EcoPower TET2LN31 Or TET3LN31)	1,037.77	39.14
22 42 43 00-0020	EA	1.28 GPF, Top Spud, Concealed Infrared Water Closet Flush Valve (Toto EcoPower TET2LN32 Or TET3LN32)	1,037.77	39.14
22 42 43 00-0021	EA	Exposed Infrared Water Closet Flush Valve (Zurn ZEMS6000AV-HET-IS)	737.19	39.14
22 42 43 00-0022	EA	Exposed Infrared Water Closet Flush Valve (Zurn ZTS6200EV)	711.11	39.14
22 42 43 00-0023	EA	Slide Over Handle AC Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan EL-600-A)	391.24	34.43
22 42 43 00-0024	EA	6 Volt DC, 120 Volt AC Hardwired Power Transformer (Sloan EL-451)	119.48	6.55
22 42 43 00-0025	EA	Exposed Solar/Battery Powered Water Closet Flush Valve (Sloan Solis 8111-1.28)	785.74	39.14
22 42 43 00-0026	EA	Exposed Manual Water Closet Flush Valve (Zurn Z6000AV-HET)	277.46	39.14
22 42 43 00-0027	EA	Exposed Battery Powered Water Closet Flush Valve (Zurn ZER6000AV-HET)	602.21	39.14

22 42 43 00-0028 Urinal Flush Valves *(22 42 43)*

22 42 43 00-0029	EA	3/4" Diameter Top Spud, Exposed Manual Urinal Flush Valve (Sloan Regal 186 XL) Note: 0.5, 1.0 or 1.5 GPF.	206.00	39.14
22 42 43 00-0030	EA	1-1/4" Diameter Top Spud, Exposed Manual Urinal Flush Valve (Sloan Regal 180) Note: 1.0, 1.5 or 3.5 GPF.	498.38	39.14
22 42 43 00-0031	EA	Back Spud, Concealed Manual Urinal Flush Valve (Sloan Royal 195) Note: 1.0 or 1.5 GPF.	343.91	39.14
22 42 43 00-0032	EA	Top Spud, Concealed Manual Urinal Flush Valve (Sloan Royal 197) Note: 1.0 or 1.5 GPF.	526.23	39.14
22 42 43 00-0033	EA	Exposed Infrared Urinal Flush Valve (Sloan Royal 186-ES-S) Note: 1.0 or 1.5 GPF.	699.59	39.14
22 42 43 00-0034	EA	Back Spud, Concealed Infrared Urinal Flush Valve (Sloan Royal 195-WB-ES-S) Note: 0.5, 1.0 or 1.5 GPF.	938.20	39.14
22 42 43 00-0035	EA	Top Spud, Concealed Infrared Urinal Flush Valve (Sloan Royal 197-WB-ES-S) Note: 0.5, 1.0 or 1.5 GPF.	1,051.91	39.14
22 42 43 00-0036	EA	Top Spud, Exposed Battery Powered Urinal Flush Valve (Sloan G2 Opt+8186-1) Note: 1.0 GPF.	672.46	39.14
22 42 43 00-0037	EA	Exposed Infrared Urinal Flush Valve (3/4" V.B.) (Toto EcoPower TEU1LN12) Note: 0.5 GPF.	830.87	39.14
22 42 43 00-0038	EA	Top Spud, Exposed Solar/Battery Powered Urinal Flush Valve (Sloan Solis 8186-0.13) Note: 0.13 GPF.	697.56	39.14
22 42 43 00-0039	EA	3/4" Diameter Top Spud, Exposed Manual Urinal Flush Valve (Zurn Z6003AV-ULF) Note: 0.125 GPF.	258.47	39.14
22 42 43 00-0040	EA	Top Spud, Exposed Battery Powered Urinal Flush Valve (Zurn ZTR6203-ULF) Note: 0.125 GPF.	589.55	39.14
22 42 43 00-0041	EA	Exposed Infrared Urinal Flush Valve (Zurn ZEMS6003AV-ULF-IS) Note: 0.125 GPF.	737.19	39.14

22 42 43 00-0042 Removal And Reinstallation Of Fixtures And Trim *(22 42 43)*

Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.

22 42 43 00-0043	EA	Removal And Reinstallation Of Flush Valve	155.80	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 43 00-0044		**Plumbing Control Transformers** *(22 42 43)*		
22 42 43 00-0045	EA	6 Volt DC, 120 Volt AC Plug In Style Power Transformer (Zurn P6000-PC6)	62.63	
22 42 46		**Chemical Toilets** *(22 42)*		
		Note: Includes toilet, urinal, holding tank, and ventilation system. Building to be priced separately.		
22 42 46 00-0001		**Standard Chemical Toilets** *(22 42 46)*		
22 42 46 00-0002		**Small Tank Chemical Toilets** *(22 42 46 00-0001)*		
22 42 46 00-0003	EA	Chemical Toilet, Small Tank 7,000 Uses/Year	4,772.41	1,147.71
		For Extra Urinal, Add	*155.88*	
22 42 46 00-0004		**Medium Tank Chemical Toilets** *(22 42 46 00-0001)*		
22 42 46 00-0005	EA	Chemical Toilet, Medium Tank 13,000 Uses/Year	5,671.07	1,366.94
		For Extra Urinal, Add	*184.53*	
22 42 46 00-0006		**Large Tank Chemical Toilets** *(22 42 46 00-0001)*		
22 42 46 00-0007	EA	Chemical Toilet, Large Tank 28,000 Uses/Year	6,850.69	1,550.56
		For Extra Urinal, Add	*251.27*	
22 43		**Healthcare Plumbing Fixtures** *(22 40)*		
22 43 13		**Healthcare Water Closets** *(22 43)*		
22 43 13 00-0001		**Healthcare Water Closets** *(22 43 13)*		
22 43 13 00-0002	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Healthcare Water Closet With Bedpan Holding Rim (American Standard Priolo® ADA)	858.34	119.36
22 43 13 00-0003	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Healthcare Water Closet With Bedpan Holding Rim (American Standard Madera™ ADA)	692.98	119.36
22 43 16		**Healthcare Sinks** *(22 43)*		
22 43 16 00-0001		**Healthcare Sinks** *(22 43 16)*		
		Note: Includes trap, drain and supply valves. Excludes faucets and flush valves.		
22 43 16 00-0002	EA	25" x 21", Wall Mounted, Blow Out Flushing Rim, Vitreous China Clinic Service Sink (American Standard)	1,348.38	76.89
		For Stainless Steel Rim Guards (Three Sides), Add	*126.30*	
22 43 16 00-0003	EA	29" x 20", Floor Mounted, Siphon Jet Flushing Rim, Vitreous China Clinic Service Sink (American Standard)	1,449.20	220.93
		For Stainless Steel Rim Guards (Three Sides), Add	*126.30*	
		For Pedestal Base, Add	*579.06*	
22 43 16 00-0004	EA	28" x 22", Wall Mounted, Vitreous China Surgeon's Scrub Sink (American Standard)	1,292.78	76.89
		For Painted Bracket Supports, Add	*202.18*	
22 43 16 00-0005	EA	20" x 17", Wall Mounted, Vitreous China Intensive Care Unit Sink (American Standard)	1,125.97	76.89
22 43 39		**Healthcare Faucets** *(22 43)*		
22 43 39 00-0001		**Medical Faucet Spouts** *(22 43 39)*		
22 43 39 00-0002	EA	Deck Mounted, Rigid Gooseneck Medical Lavatory Spout (American Standard 7522)	114.96	17.22
22 43 39 00-0003		**Electronic Proximity Medical Faucets** *(22 43 39)*		
22 43 39 00-0004	EA	DC Or Plug-In AC Powered, Single Inlet, Electronic Proximity Medical Lavatory Faucet (American Standard Selectronic™ ICU)	660.36	84.24
		For Hard Wired AC Powered, Add	*28.76*	
22 43 39 00-0005		**Foot And Knee Faucet Controls** *(22 43 39)*		
22 43 39 00-0006	EA	Single Supply Metering Pedal Valve (Chicago Faucet 628)	524.35	153.10
22 43 39 00-0007	EA	Double Supply Metering Pedal Valve (Chicago Faucet 625)	627.80	153.10
22 43 39 00-0008	EA	Knee Actuated Metering Mixing Valve (Chicago Faucet 745-VOCP)	1,425.19	153.10
22 43 39 00-0009	EA	Double Knee Actuated Metering Mixing Valve (American Standard 7676)	762.83	153.10
22 43 39 00-0010		**Centerset Medical Faucets** *(22 43 39)*		
22 43 39 00-0011	EA	Rigid Gooseneck Centerset Medical Lavatory Faucet, 8" Centers 6" Wrist Action Handles, Adjustable Centers (T&S B-0865-04)	777.51	84.24
22 43 39 00-0012	EA	Swivel Gooseneck Centerset Medical Lavatory Faucet, 8" Centers, 6" Wrist Action Handles, Adjustable Centers (T&S B-0866-04)	786.88	84.24
22 43 39 00-0013	EA	Swivel Gooseneck Centerset Medical Lavatory Faucet With Aerator 8" Centers, 6" Wrist Action Handles, Adjustable Centers (T&S B-0867-04)	785.93	84.24
22 43 39 00-0014	EA	Surgical Sink Rigid Gooseneck Faucets, 8" Centers, 6" Wrist Action Handles (T&S B-0322-04)	696.92	84.24
22 43 39 00-0015	EA	Surgical Sink Rigid Gooseneck Faucets With Stream Regulator Outlet, 8" Centers, 6" Wrist Action Handles (T&S B-0323-04)	665.06	84.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 43 39 00-0016		**Bedpan Washers** *(22 43 39)*		
22 43 39 00-0017	EA	Self Closing Pedal Valve Bed Pan Washer, With Volume Control, Vacuum Breaker, Wall Hook Hose Connection, Polyvinyl Chloride Hose (T&S B-0675)	1,870.80	153.10
22 43 39 00-0018	EA	Pedal Valve Bed Panwasher With Volume Control Valve, Vacuum Breaker, Wall Hook Hose Connection, Extended Spray Polyvinyl Chloride Hose (T&S B-0676)	1,772.69	153.10
22 43 39 00-0019	EA	Self Closing Single Pedal Valve Bedpan Washer With Volume Control, Vacuum Breaker, Wall Hook Hose Connection Polyvinyl Chloride Hose (T&S B-0685)	1,743.63	153.10
22 43 39 00-0020	EA	Single Pedal Valve Bedpan Washer With Volume Control, Vacuum Breaker, Wall Hook Hose Connection, Polyvinyl Chloride Hose, Extended Spray (T&S B-0686)	1,715.37	153.10
22 43 43		**Healthcare Plumbing Fixture Flushometers** *(22 43)*		
22 43 43 00-0001		**Healthcare Plumbing Fixture Flushometers** *(22 43 43)*		
22 43 43 00-0002	EA	Exposed Manual Service Sink Flush Valve (Sloan Royal-117)	261.61	39.14
22 43 43 00-0003	EA	Exposed Manual Water Closet Flush Valve With Bedpan Washer (Sloan Slimline BPW)	586.08	39.14
22 43 46		**Healthcare Patient Care Units** *(22 43)*		
22 43 46 00-0001		**Patient Care Units** *(22 43 46)*		
22 43 46 00-0002	EA	47" Swivel Toilet Modular Sink And Water Closet Patient Care Unit (Willoughby WH-1700-AQCT-WB-BWSEV)	20,913.52	229.54
		For SDB Single Temperature Dialysis Box, Add	*1,531.88*	
		For DDB Dual Temperature Dialysis Box, Add	*1,627.03*	
		For BWSEV Bedpan Washer With Elevated Valve, Add	*1,180.73*	
		For LOCK Flush Valve Lockout Device, Add	*863.47*	
22 43 46 00-0003	EA	31" Swing Front Cabinet Modular Sink And Water Closet Patient Care Unit (Willoughby WH-2600-SST-DC-AQCT-WB)	16,474.28	200.86
		For SDB Single Temperature Dialysis Box, Add	*1,531.88*	
		For DDB Dual Temperature Dialysis Box, Add	*1,627.03*	
		For BWSEV Bedpan Washer With Elevated Valve, Add	*1,180.73*	
		For LOCK Flush Valve Lockout Device, Add	*863.47*	
22 43 46 00-0004		**Patient Care Plumbing Accessories** *(22 43 46)*		
22 43 46 00-0005	EA	One Valve Supply Recessed Stainless Steel Dialysis Box With Locking Door (Bradley 7920)	1,994.83	31.16
22 43 46 00-0006	EA	Two Valve Supply Recessed Stainless Steel Dialysis Box With Locking Door (Bradley 7919)	2,197.97	31.16
22 45		**Emergency Plumbing Fixtures** *(22 40)*		
22 45 13		**Emergency Showers** *(22 45)*		
22 45 13 00-0001		**Emergency Drench Showers** *(22 45 13)*		
22 45 13 00-0002		**Emergency Drench Showers (Haws)** *(22 45 13 00-0001)*		
		Note: Includes one pull rod.		
22 45 13 00-0003	EA	Horizontal Or Vertical Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8122)	761.77	200.86
22 45 13 00-0004	EA	Horizontal Or Vertical Mounted, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8123)	873.52	200.86
22 45 13 00-0005	EA	Horizontal Mounted, Barrier-Free, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8122HWC)	935.60	200.86
22 45 13 00-0006	EA	Horizontal Or Vertical Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8130)	1,121.84	200.86
22 45 13 00-0007	EA	Horizontal Mounted, All Stainless Steel, Corrosion Resistant, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8133H)	1,506.75	200.86
22 45 13 00-0008	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8100)	1,191.65	229.54
22 45 13 00-0009	EA	Wall Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Stainless Steel Push Flag (Haws 8111FP)	1,304.90	258.24
22 45 13 00-0010	EA	Flush To Ceiling, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8169)	1,186.95	258.24
22 45 13 00-0011	EA	Concealed Ceiling Supply, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8163)	1,211.78	258.24
22 45 13 00-0012	EA	Flush To Ceiling, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead And Pull Down Lever Ball Valve Mounted In A Recessed Stainless Steel Cabinet (Haws 8164)	1,677.39	258.24
22 45 13 00-0013		**Emergency Drench Showers (Speakman)** *(22 45 13 00-0001)*		
		Note: Includes one pull rod.		
22 45 13 00-0014	EA	Vertical Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-220)	660.77	200.86
22 45 13 00-0015	EA	Horizontal Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-227)	680.12	200.86
22 45 13 00-0016	EA	Floor Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-253)	1,062.15	229.54
22 45 13 00-0017		**Emergency Drench Showers (WaterSaver)** *(22 45 13 00-0001)*		
		Note: Includes one pull rod.		
22 45 13 00-0018	EA	Emergency Shower, Vertically Mounted (WaterSaver ES635)	973.67	200.86
22 45 13 00-0019	EA	Emergency Shower, Horizontally Mounted (WaterSaver ES643)	998.69	200.86
22 45 13 00-0020	EA	All-Stainless Steel, Emergency Shower, Horizontally Mounted (WaterSaver ES691)	2,223.61	200.86
22 45 13 00-0021	EA	Emergency Shower, Recess Mounted (WaterSaver ES629)	1,568.15	258.24
22 45 13 00-0022	EA	Emergency Shower, Semi-Concealed (WaterSaver ES658)	2,134.09	258.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 45 16		**Eyewash Equipment** *(22 45)*		
22 45 16 00-0001		Emergency Eyewash Equipment *(22 45 16)*		
22 45 16 00-0002		Emergency Eyewash Equipment (Haws) *(22 45 16 00-0001)*		
22 45 16 00-0003	EA	Faucet Mounted, Stainless Steel Emergency Eyewash (Haws Axion® eyePOD® 7620)	334.30	5.74
22 45 16 00-0004	EA	Wall Mounted, Freeze Protected, Emergency Eye Wash With Soft-Flo Heads And Stainless Steel Bowl (Haws 7433FP)	1,578.06	258.24
22 45 16 00-0005		Emergency Eyewash Equipment (WaterSaver) *(22 45 16 00-0001)*		
22 45 16 00-0006	EA	Auto Flow, Right Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW805)	1,016.06	57.39
22 45 16 00-0007	EA	Auto Flow, Left Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW805LH)	1,016.06	57.39
22 45 16 00-0008	EA	Right Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW806)	1,035.01	57.39
22 45 16 00-0009	EA	Left Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW806LH)	1,035.01	57.39
22 45 16 00-0010	EA	Stainless Steel Bowl, Emergency Eye Wash, Deck Mounted (WaterSaver EW822)	1,382.94	57.39
22 45 16 00-0011	EA	Swing-Down, Auto Flow, Emergency Eye Wash, Wall Mounted (WaterSaver EW848)	1,578.94	57.39
22 45 16 00-0012	EA	Swing-Down, Auto Flow, Emergency Eye Wash, Deck Mounted (WaterSaver EW849)	1,578.94	57.39
22 45 16 00-0013	EA	Right Hand Mounting, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW893)	2,945.96	57.39
22 45 16 00-0014	EA	Left Hand Mounting, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW893LH)	2,945.96	57.39
22 45 16 00-0015	EA	Right Hand Mounting, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW895)	3,083.87	57.39
22 45 16 00-0016	EA	Left Hand Mounting, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW895LH)	3,083.87	57.39
22 45 16 00-0017	EA	Swing-Down, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Wall Mounted (WaterSaver EW898)	3,809.61	57.39
22 45 16 00-0018	EA	Swing-Down, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW899)	3,809.61	57.39
22 45 16 00-0019	EA	Ball Valve With Flag Handle, Emergency Eye Wash, Recess Deck Mounted (WaterSaver EW808)	1,831.78	200.86
22 45 16 00-0020	EA	Push-Down Valve, Emergency Eye Wash, Recess Deck Mounted (WaterSaver EW810)	1,805.03	200.86
22 45 16 00-0021	EA	Stainless Steel Bowl, Emergency Eye Wash, Wall Mounted (WaterSaver EW814)	1,277.77	200.86
22 45 16 00-0022	EA	Stainless Steel Bowl And Cover, Emergency Eye Wash, Wall Mounted (WaterSaver EW814BC)	1,833.80	200.86
22 45 16 00-0023	EA	Plastic Bowl, Emergency Eye Wash, Wall Mounted (WaterSaver EW814P)	1,079.26	200.86
22 45 23		**Personal Eyewash Equipment** *(22 45)*		
22 45 23 00-0001		Portable Eyewash Equipment *(22 45 23)*		
22 45 23 00-0002		Portable Eyewash Equipment (Bradley) *(22 45 23 00-0001)*		
22 45 23 00-0003	EA	Wall Mounted, Portable Gravity Fed Eyewash Unit With Clear Tank (Bradley S19-921)	343.30	17.22
22 45 23 00-0004	EA	Wall Mounted, Portable Gravity Fed Eyewash Unit With Insulated Heater Jacket (Bradley S19-921H)	1,807.40	17.22
22 45 23 00-0005	EA	5 Gallon Portable Pressurized Tank With Eyewash Only (Bradley S19-671)	825.25	
22 45 23 00-0006	EA	5 Gallon Portable Pressurized Tank With Eyewash And 8' Drench Hose For Facewash (Bradley S19-672)	984.45	
22 45 26		**Eye/Face Wash Equipment** *(22 45)*		
22 45 26 00-0001		Emergency Eye/Face Wash Equipment *(22 45 26)*		
22 45 26 00-0002		Emergency Eye/Face Wash Equipment (Haws) *(22 45 26 00-0001)*		
22 45 26 00-0003	EA	Unmounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7460) Note: Excludes p-trap and tailpiece.	827.04	143.47
22 45 26 00-0004	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly Without Receptor (Haws 7324)	830.06	200.86
22 45 26 00-0005	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7260B-7270B) Note: Excludes p-trap and tailpiece.	811.44	200.86
22 45 26 00-0006	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7260BT-7270BT) Note: Excludes p-trap and tailpiece.	884.69	200.86
22 45 26 00-0007	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360B-7460B) Note: Excludes p-trap and tailpiece.	892.14	200.86
22 45 26 00-0008	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360BT-7460BT) Note: Excludes p-trap and tailpiece.	980.30	200.86
22 45 26 00-0009	EA	Wall Mounted, Barrier-Free, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360BTWC)	1,332.92	200.86
22 45 26 00-0010	EA	Wall Mounted, All Stainless Steel, Corrosion Resistant, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl And Dust Cover (Haws 7778B)	2,512.46	200.86
22 45 26 00-0011	EA	Pedestal Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7261-7271)	1,017.82	229.54
22 45 26 00-0012	EA	Pedestal Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7361-7461)	1,160.61	229.54
22 45 26 00-0013	EA	Pedestal Mounted, All Stainless Steel, Corrosion Resistant, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7777)	2,600.89	229.54
22 45 26 00-0014	EA	Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 7611)	692.13	57.39
22 45 26 00-0015	EA	Right Side Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Stainless Steel Axion® MSR Wash Head Assembly (Haws 7612)	667.29	57.39
22 45 26 00-0016	EA	Left Side Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Stainless Steel Axion® MSR Wash Head Assembly (Haws 7612LH)	698.33	57.39
22 45 26 00-0017	EA	Wall Or Deck Mounted, Barrier-Free, Swing-Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 7610)	878.37	57.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 45 26 00-0018	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet (Haws 7655WCC)	2,138.31	286.93
22 45 26 00-0019	EA	Surface Wall Mounted, Wheelchair Accessible, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet (Haws 7655WCSM)	2,588.48	229.54
22 45 26 00-0020	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet And Drain Pan (Haws 7656WCC)	2,659.79	286.93
22 45 26 00-0021	EA	Surface Wall Mounted, Wheelchair Accessible, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet And Drain Pan (Haws 7656WCSM)	3,122.38	229.54
22 45 26 00-0022		**Emergency Eye/Face Wash Equipment (Speakman)** *(22 45 26 00-0001)*		
22 45 26 00-0023	EA	Wall Mounted, Lifesaver® Emergency Eye/Face Wash And Plastic Bowl (Speakman SE-495)	741.39	200.86
22 45 26 00-0024	EA	Floor Mounted, DuraJade™ Finish, Lifesaver® Emergency Eye/Face Wash And Plastic Bowl (Speakman SE-496)	907.35	229.54
22 45 26 00-0025		**Emergency Eye/Face Wash Equipment (WaterSaver)** *(22 45 26 00-0001)*		
22 45 26 00-0026	EA	Wide Area, Emergency Eye/Face Wash With Stainless Steel Bowl, Wall Mounted (WaterSaver FE724)	1,626.71	200.86
22 45 26 00-0027	EA	Wide Area, Emergency Eye/Face Wash With Stainless Steel Bowl And Cover, Wall Mounted (WaterSaver FE724BC)	2,182.74	200.86
22 45 26 00-0028	EA	Wide Area, Push-Down Valve, Emergency Eye/Face Wash, Recess Deck Mounted (WaterSaver FE727)	2,112.05	200.86
22 45 26 00-0029	EA	Push-Down Valve, Emergency Eye/Face Wash, Recess Deck Mounted (WaterSaver FE765)	1,943.37	200.86
22 45 26 00-0030	EA	Auto Flow, Right Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE774)	1,071.24	57.39
22 45 26 00-0031	EA	Auto Flow, Left Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE774LH)	1,071.24	57.39
22 45 26 00-0032	EA	Right Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE775)	1,038.34	57.39
22 45 26 00-0033	EA	Left Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE775LH)	1,038.34	57.39
22 45 26 00-0034	EA	Swing-Down, Auto Flow, Emergency Eye/Face Wash, Wall Mounted (WaterSaver FE778)	1,603.67	57.39
22 45 26 00-0035	EA	Swing-Down, Auto Flow, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE779)	1,603.67	57.39
22 45 26 00-0036		**Emergency Eye/Face Wash Equipment (Guardian)** *(22 45 26 00-0001)* Note: Includes one pull rod.		
22 45 26 00-0037	EA	All-Stainless Steel Handicapped Accessible Safety Station With WideArea™ Eye/Face Wash (Guardian GBF1994)	5,883.39	200.86
22 45 29		**Hand-Held Emergency Drench Hoses** *(22 45)*		
22 45 29 00-0001		**Hand-Held Emergency Eye/Face/Body Wash With Hose** *(22 45 29)*		
22 45 29 00-0002		**Hand-Held Emergency Eye/Face/Body Wash With Hose (Haws)** *(22 45 29 00-0001)*		
22 45 29 00-0003	EA	Counter Mounted, Hand-Held Emergency Eye/Face/Body Wash With Axion® MSR Wash Head Assembly And 8' Hose (Haws 8904)	739.45	71.73
22 45 29 00-0004	EA	Wall Mounted, Hand-Held Emergency Eye/Face/Body Wash With Axion® MSR Wash Head Assembly And 12' Recoil Hose (Haws 8905)	851.20	71.73
22 45 29 00-0005		**Hand-Held Emergency Eye/Face/Body Wash With Hose (WaterSaver)** *(22 45 29 00-0001)*		
22 45 29 00-0006	EA	Emergency Drench Hose Unit, Deck Mounted (WaterSaver EW1020)	806.58	71.73
22 45 29 00-0007	EA	Emergency Drench Hose Unit, Wall Mounted (WaterSaver EW1025)	740.55	71.73
22 45 29 00-0008	EA	Emergency Eye Wash Drench Hose Unit, Wall Mounted (WaterSaver EW1014)	1,129.09	71.73
22 45 29 00-0009	EA	Emergency Eye Wash Drench Hose Unit, Deck Mounted (WaterSaver EW1022)	1,055.60	71.73
22 45 29 00-0010	EA	Emergency Eye Wash Drench Hose Unit, Wall Mounted (WaterSaver EW1026)	1,081.91	71.73
22 45 29 00-0011	EA	Ball Valve With Flag Handle, Emergency Eye Wash Drench Hose Unit, Deck Mounted (WaterSaver EW1028)	1,428.39	71.73
22 45 29 00-0012	EA	Ball Valve With Flag Handle And Vacuum Breaker, Emergency Eye Wash Drench Hose Unit, Deck Mounted (WaterSaver EW1028VB)	1,658.83	71.73
22 45 29 00-0013	EA	Emergency Eye Wash Drench Hose Unit, 45 Degree Panel Mounted (WaterSaver EW1041)	1,580.69	71.73
22 45 33		**Combination Emergency Fixture Units** *(22 45)*		
22 45 33 00-0001		**Emergency Shower With Eye/Face Wash** *(22 45 33)*		
22 45 33 00-0002		**Emergency Shower With Eye/Face Wash (Haws)** *(22 45 33 00-0001)*		
22 45 33 00-0003	EA	Floor Mounted, All Stainless Steel, Corrosion Resistant, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8330)	4,377.76	373.01
22 45 33 00-0004	EA	Floor Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eyewash With Soft-Flo Heads And Stainless Steel Bowl (Haws 8300FP) Note: Includes freeze protection bury valve.	2,962.31	373.01
22 45 33 00-0005	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8300-8309)	2,062.13	373.01
22 45 33 00-0006	EA	Floor Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eyewash With Soft-Flo Heads And Stainless Steel Bowl (Haws 8300.158)	3,285.13	373.01
22 45 33 00-0007	EA	Floor Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8300CRP-8309CRP)	2,409.79	373.01
22 45 33 00-0008	EA	Floor Mounted, Barrier-Free, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8309WC)	2,267.00	373.01
22 45 33 00-0009	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317)	1,937.97	373.01
22 45 33 00-0010	EA	Floor Mounted, Corrosion Resistant, PVC Plastic, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8336)	3,173.39	373.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 45 33 00-0011	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Ceiling Mounted Axion® MSR Stainless Steel Showerhead (Haws 8355WCC)	3,477.59	373.01
22 45 33 00-0012	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8355WCW)	3,545.87	373.01
22 45 33 00-0013	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan And Ceiling Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCC)	3,961.82	373.01
22 45 33 00-0014	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan, Daylight Drain And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCDD)	4,203.94	373.01
22 45 33 00-0015	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCW)	4,135.65	373.01
22 45 33 00-0016	EA	Floor Mounted, 120 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFP)	6,184.33	373.01
22 45 33 00-0017	EA	Floor Mounted, 220 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFP.220V)	6,519.57	373.01
22 45 33 00-0018	EA	Floor Mounted, C1D1 Rated, 120 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFPC1D1)	13,783.07	373.01
22 45 33 00-0019	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8320-8325)	1,937.97	373.01
22 45 33 00-0020	EA	Floor Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8320CRP)	2,192.50	373.01
22 45 33 00-0021		Emergency Shower With Eye/Face Wash (Speakman) *(22 45 33 00-0001)*		
22 45 33 00-0022	EA	Floor Mounted, Emergency Drench Shower With Plastic Showerhead And Eye/Face Wash With Plastic Bowl (Speakman SE-690)	1,791.84	373.01
22 45 33 00-0023		Emergency Shower With Eye/Face Wash (WaterSaver) *(22 45 33 00-0001)*		
22 45 33 00-0024	EA	All-Stainless Steel, Wide Area, Emergency Shower With Eye/Face Wash Station, Floor Mounted (WaterSaver SS994)	7,509.22	311.61
22 45 33 00-0025	EA	Polished Chrome Construction, Wide Area, Emergency Shower With Eye/Face Wash Station, Floor Mounted (WaterSaver SS909PCC)	7,676.79	311.61
22 45 33 00-0026	EA	Emergency Shower With Eye Wash Station And Stainless Steel Bowl, Floor Mounted (WaterSaver SS902)	2,954.13	311.61
22 45 33 00-0027	EA	Emergency Shower With Eye Wash Station And Plastic Bowl, Floor Mounted (WaterSaver SS902P)	2,693.42	311.61
22 45 33 00-0028	EA	Emergency Shower With Eye Wash Station And Stainless Steel Bowl And Cover, Floor Mounted (WaterSaver SS902BC)	3,510.16	311.61
22 45 36		**Emergency Fixture Water-Tempering Equipment** *(22 45)*		
22 45 36 00-0001		Emergency Fixture Water-Tempering Equipment *(22 45 36)*		
22 45 36 00-0002		Emergency Fixture Water-Tempering Equipment (Haws) *(22 45 36 00-0001)*		
22 45 36 00-0003	EA	10 GPM, 1/2" Diameter Inlet, 1/2" Diameter Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201EW)	782.91	71.73
22 45 36 00-0004	EA	12 GPM, 1/2" Diameter Inlet, 3/4" Diameter Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201EFE)	1,149.19	71.73
22 45 36 00-0005	EA	31 GPM, 1-1/4" Diameter Inlet, 1-1/4" Diameter Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201E)	1,689.29	71.73
22 45 36 00-0006	EA	78 GPM, 1-1/4" Diameter Inlet, 1-1/4" Diameter Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9202E)	1,993.49	71.73
22 45 36 00-0007	EA	31 GPM, 1" Diameter Inlet, 1-1/4" Diameter Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws 9201H)	2,825.38	71.73
22 45 36 00-0008	EA	12 GPM, 1/2" Diameter Inlet, 3/4" Diameter Outlet, Secondary High Temperature Limit Valve, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.EWE)	2,980.58	71.73
22 45 36 00-0009	EA	74 GPM, 1-1/4" Diameter Inlet, 1-1/4" Diameter Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.SHE)	5,010.64	71.73
22 45 36 00-0010	EA	78 GPM, 2" Diameter Inlet, 2" Diameter Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.HF)	6,022.56	71.73
22 45 36 00-0011	EA	1/2" Diameter Inlet, 1/2" Diameter Outlet, Brass Scald Protection Bleed Valve (Haws SP157B)	876.03	71.73
22 45 39		**Emergency Plumbing Fixture Accessories** *(22 45)*		
22 45 39 00-0001		Emergency Plumbing Fixture Accessories *(22 45 39)*		
22 45 39 00-0002		Emergency Plumbing Fixture Accessories (Haws) *(22 45 39 00-0001)*		
22 45 39 00-0003	EA	Pedestal Mounted, Powder Coated Aluminum Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220)	201.11	22.96
22 45 39 00-0004	EA	Wall Mounted, Powder Coated Aluminum Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220W)	281.82	22.96
22 45 39 00-0005	EA	Pedestal Mounted, Stainless Steel Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220SS)	294.23	22.96
22 45 39 00-0006	EA	Axion® MSR Stainless Steel Showerhead For Emergency Drench Showers (Haws SP829SS)	327.63	8.61
22 45 39 00-0007	EA	Stainless Steel Dust Cover For Emergency Eye/Face Wash Bowls (Haws 9102)	334.30	5.74
22 45 39 00-0008	EA	3-Sided ABS Plastic Safety Sign For Emergency Combination Shower And Eyewash Units (Haws 9020)	364.41	11.48
22 45 39 00-0009	EA	Emergency Body Spray Kit With 8' Hose And ABS Plastic Head For Emergency Plumbing Fixtures (Haws 8901RFK)	637.77	86.08
22 45 39 00-0010	EA	Class 1, Div. 1, Group B, C And D, Indicator Light For Emergency Plumbing Fixtures (Haws 8317IDLTEXP)	662.26	39.35
22 45 39 00-0011	EA	Vapor Tight And Gasketed, Green Area Light For Emergency Plumbing Fixtures (Haws 8317LT)	985.09	39.35

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 45 39 00-0012	EA	Privacy Curtain For Horizontal Emergency Drench Shower Or Combination Emergency Drench Shower And Eyewash Units (Haws 9037)	1,149.19	86.08
22 45 39 00-0013	EA	Class 1, Div. 1, Group B, C And D, White Area Light For Emergency Plumbing Fixtures (Haws 8317LTEXP)	2,195.67	39.35
22 45 39 00-0014	EA	1/2" Supply, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001.5)	2,435.15	131.16
22 45 39 00-0015	EA	1-1/4" Supply, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001)	2,484.82	131.16
22 45 39 00-0016	EA	1-1/4" Supply, Class 1, Division 2, Groups B, C, And D Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001EXP)	4,608.00	131.16
22 45 39 00-0017	EA	1-1/4" Supply, 90 db, Class 1, Division 1, Groups C And D, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001EXPC1D1)	8,767.44	131.16

22 45 39 00-0018 Emergency Plumbing Fixture Accessories (Speakman) *(22 45 39 00-0001)*

22 45 39 00-0019	EA	Privacy Curtain For Emergency Showers Note: Curtain includes stainless steel curtain rod and mounting accessories.	1,151.79	86.08

22 45 39 00-0020 Emergency Plumbing Fixture Accessories (WaterSaver) *(22 45 39 00-0001)*

22 45 39 00-0021	EA	Hand And Foot Control For Emergency Eyewash Equipment (WaterSaver HFC)	213.85	18.70

22 46 Security Plumbing Fixtures *(22 40)*

22 46 13 Security Water Closets and Urinals *(22 46)*

22 46 13 13 Security Water Closets *(22 46 13)*

22 46 13 13-0001 Security Water Closets *(22 46 13 13)*

22 46 13 13-0002	EA	Security Water Closet, Integral Seat, Back Supply And Flush Valve, Wall Hung, Wall Outlet, Cast Aluminum (Acorn 1675)	2,460.60	286.93
		For Angled Toilet, Add	*28.69*	
		For Offset Toilet, Add	*217.37*	
22 46 13 13-0003	EA	Security Water Closet, Integral Seat, Back Supply And Flush Valve, Floor Mount, Wall Outlet, Cast Aluminum (Acorn 1684)	2,946.60	286.93
		For Angled Toilet, Add	*28.69*	
		For Offset Toilet, Add	*265.97*	
22 46 13 13-0004	EA	Security Water Closet, Integral Seat, Back Supply And Flush Valve, Floor Mount, Floor Outlet, Cast Aluminum (Acorn 1695)	2,989.18	286.93
		For Angled Toilet, Add	*28.69*	
		For Offset Toilet, Add	*270.23*	
22 46 13 13-0005	EA	Recessed Tissue Holder For Security Water Closet, Stainless Steel (Acorn 1840)	289.42	57.39

22 46 13 16 Security Urinals *(22 46 13)*

22 46 13 16-0001 Security Urinals *(22 46 13 16)*

22 46 13 16-0002	EA	Security Urinal, Back Supply And Flush, Wall Hung, Stainless Steel (Acorn 1700)	2,870.12	258.24
22 46 13 16-0003	EA	Security Urinal, Back Supply And Flush, Stall, Stainless Steel (Acorn 1720)	4,834.74	366.93

22 46 13 19 Security Combination Toilet and Lavatory *(22 46 13)*

22 46 13 19-0001 Security Combination Toilet - Lavatory *(22 46 13 19)*

22 46 13 19-0002	EA	15" Wide Combination Security Water Closet And Lavatory Unit, Soap And Paper Holders, Seat, Wall Mounted, Stainless Steel (Acorn 1415)	4,379.35	355.79
		For 15" Mirror/Shelf Module, Add	*905.80*	
		For Angled Toilet, Add	*35.58*	
		For Intercom Option, Add	*146.16*	
		For AC Duplex Outlet Option, Add	*101.16*	
		For 15" Wide Light/Ventilation Module, Add	*848.48*	
		For Offset Toilet, Add	*402.36*	
22 46 13 19-0003	EA	18" Wide Combination Security Water Closet And Lavatory Unit, Soap And Paper Holders, Seat, Wall Mounted, Stainless Steel (Acorn 1418)	4,515.09	373.01
		For Angled Toilet, Add	*37.30*	
		For 18" Wide Light/Ventilation Module, Add	*873.81*	
		For Intercom Option, Add	*149.60*	
		For AC Duplex Outlet Option, Add	*104.60*	
		For Offset Toilet, Add	*414.21*	
		For 18" Mirror/Shelf Module, Add	*948.01*	
22 46 13 19-0004	EA	20" Wide Combination Security Water Closet And Lavatory Unit, Soap And Paper Holders, Seat, Wall Mounted, Stainless Steel (Acorn 1420)	4,620.00	390.22
		For 20" Mirror/Shelf Module, Add	*1,000.23*	
		For Angled Toilet, Add	*39.02*	
		For Intercom Option, Add	*153.05*	
		For 20" Wide Light/Ventilation Module, Add	*909.14*	
		For AC Duplex Outlet Option, Add	*108.05*	
		For Offset Toilet, Add	*422.98*	
22 46 13 19-0005	EA	26" Wide Combination Security Water Closet And Lavatory Unit, Soap And Paper Holders, Seat, Wall Mounted, Stainless Steel (Acorn 1426)	4,939.27	407.44
		For 26" Wide Light/Ventilation Module, Add	*939.46*	
		For Angled Toilet, Add	*40.74*	
		For 26" Mirror/Shelf Module, Add	*1,042.44*	
		For Intercom Option, Add	*156.49*	
		For AC Duplex Outlet Option, Add	*111.49*	
		For Offset Toilet, Add	*453.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 46 13 19-0006	EA	28" Wide Combination Security Water Closet And Lavatory Unit, Soap And Paper Holders, Seat, Floor Mounted, Stainless Steel (Acorn 1428)	7,847.13	424.66
		For Angled Toilet, Add	*42.47*	
		For 28" Wide Light/Ventilation Module, Add	*969.80*	
		For Intercom Option, Add	*159.93*	
		For AC Duplex Outlet Option, Add	*114.93*	
		For Offset Toilet, Add	*742.25*	
		For 28" Mirror/Shelf Module, Add	*1,079.66*	

22 46 16 Security Lavatories and Sinks *(22 46)*

22 46 16 13 Security Lavatories *(22 46 16)*

22 46 16 13-0001 Security Lavatories *(22 46 16 13)*

22 46 16 13-0002	EA	20" Security Lavatory, Wall Hung, Push Button Filler Valve, Rectangular Bowl, Stainless Steel (Acorn 1650)	1,770.53	200.86
		For Shelf, Add	*95.26*	
22 46 16 13-0003	EA	18" Security Lavatory, Wall Hung, Push Button Filler Valve, Oval Bowl, Stainless Steel (Acorn 1655)	1,798.72	200.86
		For Shelf, Add	*95.26*	
22 46 16 13-0004	EA	13" Security Lavatory, Wall Hung, Push Button Filler Valve, Oval Bowl, Corner Mount, Stainless Steel (Acorn 1660)	2,036.77	200.86
		For Shelf, Add	*95.26*	
22 46 16 13-0005	EA	18" Security Lavatory, Wall Hung, Push Button Filler Valve, Multi Sided Bowl, Stainless Steel (Acorn 1656)	1,798.72	200.86
		For Shelf, Add	*95.26*	

22 46 16 16 Security Sinks *(22 46 16)*

22 46 16 16-0001 Security Sinks *(22 46 16 16)*

22 46 16 16-0002	EA	22" x 16" x 10" Security Service Sink, With Soap Dish, Stainless Steel (Acorn 1642)	3,747.25	305.87

22 46 16 16-0003 Security Mop Sink *(22 46 16 16)*

22 46 16 16-0004	EA	24" x 24" x 10" Stainless Steel Mop Sink With Strainer (ACORN 1630)	4,332.43	172.16

22 46 19 Security Showers *(22 46)*

22 46 19 00-0001 Security Showers *(22 46 19)*

22 46 19 00-0002	EA	30" Security Shower, Stainless Steel, Knock-Down (Acorn 1730-3M-KD)	9,608.76	459.09
22 46 19 00-0003	EA	32" Security Shower, Stainless Steel, Knock-Down (Acorn 1732-3M-KD)	9,949.40	459.09
22 46 19 00-0004	EA	36" Security Shower, Stainless Steel, Knock-Down (Acorn 1736-3M-KD)	10,299.98	459.09
22 46 19 00-0005	EA	36" ADA Security Shower, Stainless Steel, Front Access (Acorn 1736-ADA-3M-FA)	13,044.97	459.09
22 46 19 00-0006	EA	Security Shower Package For Built-in, Hot And Cold Faucets, Mixing Valve, Rectangular Soap Dish, Stainless Steel (Acorn 1741)	678.81	153.22
22 46 19 00-0007	EA	Security Shower Head With Mixing Valves And Piping Assembly In Wall (Acorn 1743)	478.61	80.34

22 46 43 Security Plumbing Fixture Flushometers *(22 46)*

22 46 43 00-0001	EA	Concealed Manual Water Closet Flush Valve, With Pushbutton Control (Sloan 601 AFD ESM) Note: Anti-flood device (AFD), solenoid operated with module plug 24V (ESM).	813.41	39.14
22 46 43 00-0002	EA	Concealed Manual Urinal Flush Valve, 1-1/2" Backinlet, With Pushbutton Control (Sloan 609 ESM) Note: Solenoid operated with module plug 24V (ESM).	812.47	39.14
22 46 43 00-0003	EA	Concealed Manual Urinal Flush Valve, 3/4" Backinlet, With Pushbutton Control (Sloan 613 ESM) Note: Solenoid operated with module plug 24V (ESM).	784.96	39.14

22 46 56 Security Drinking Fountains *(22 46)*

22 46 56 00-0001 Security Drinking Fountain *(22 46 56)*
Note: Includes air control valve, bubbler with mouthguard and mounting bracket.

22 46 56 00-0002	EA	Wall Mounted Security Drinking Fountain, Stainless Steel (Acorn 1670-1-BP-3-FA)	2,002.43	229.54
22 46 56 00-0003	EA	Wall Mounted Security ADA Drinking Fountain, Stainless Steel (Acorn 1672-1-ADA-BP-3-FA)	2,016.03	229.54

22 47 Drinking Fountains and Water Coolers *(22 40)*

22 47 13 Drinking Fountains *(22 47)*

22 47 13 00-0001 Indoor Drinking Fountains *(22 47 13)*

22 47 13 00-0002 Face Mounted Indoor Drinking Fountain *(22 47 13 00-0001)*

22 47 13 00-0003	EA	Stainless Steel, Standard Length, Semi-Circular Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-S)	2,506.32	186.51
22 47 13 00-0004	EA	Stainless Steel, Standard Length, Semi-Circular With Back Panel Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-SBP)	3,692.69	200.86
22 47 13 00-0005	EA	Stainless Steel, Extended Length, Semi-Circular Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-E)	3,338.48	186.51
22 47 13 00-0006	EA	Stainless Steel, Extended Length, Semi-Circular With Back Panel Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-EBP)	3,992.39	200.86
22 47 13 00-0007	EA	Stainless Steel, Standard Length, Rectangle Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFS)	1,642.73	186.51
22 47 13 00-0008	EA	Stainless Steel, Standard Length, Rectangle With Back Panel Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners With Back Panel (Halsey-Taylor HRFSBP)	1,977.64	200.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 47 13 00-0009	EA	Stainless Steel, Extended Length, Rectangle Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFE)	1,872.95	186.51
22 47 13 00-0010	EA	Stainless Steel, Extended Length, Rectangle With Back Panel Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFEBP)	2,288.82	200.86
22 47 13 00-0011		**Wall Mounted Indoor Drinking Fountain** *(22 47 13 00-0001)*		
22 47 13 00-0012	EA	Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain With Bubbler, Backsplash, Front And Side Push Bars (Halsey-Taylor 5701)	1,685.86	200.86
22 47 13 00-0013	EA	Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain/Bottle Filling Station With Bubbler, Backsplash, Front And Side Push Bars (Halsey-Taylor HTHB-HAC8WF)	2,650.18	200.86
22 47 13 00-0014	EA	Bi-Level, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountains (Halsey-Taylor HTHB-HAC8BLWF)	3,357.06	258.24
22 47 13 00-0015	EA	Bi-Level, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountains (Elkay VRCGRNTL8WSK)	4,295.96	258.24
22 47 13 00-0016	EA	Bi-Level, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountains (Elkay EZSTLG8WSLK)	3,680.45	258.24
22 47 13 00-0017	EA	Bi-Level, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountains (Elkay LZSTL8WSSP)	3,341.25	258.24
22 47 13 00-0018	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay LVRC8WSK)	3,800.16	200.86
22 47 13 00-0019	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Non-Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay VRC8WSK)	3,668.27	200.86
22 47 13 00-0020	EA	Stainless Steel Wall-Mounted Indoor Hands-Free Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay LVRCDWSK)	3,507.06	200.86
22 47 13 00-0021	EA	Stainless Steel Wall-Mounted Indoor Hands-Free Non-Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay VRCDWSK)	3,360.51	200.86
22 47 13 00-0022	EA	Stainless Steel Wall-Mounted High-Efficiency Indoor Chilled Hands-Free Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay LVRCGRN8WSK)	3,052.76	200.86
22 47 13 00-0023	EA	Stainless Steel Wall-Mounted High-Efficiency Indoor Chilled Hands-Free Non-Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay VRCGRN8WSK)	2,920.87	200.86
22 47 13 00-0024	EA	Stainless Steel Wall-Mounted High-Efficiency Indoor Chilled Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LZSG8WSSK)	2,774.32	200.86
22 47 13 00-0025	EA	Stainless Steel Wall-Mounted Indoor Chilled Filtered Bottle Filling Station With Hands-Free Touchless Sensor Drinking Fountain (Elkay LZO8WSSK)	2,774.32	200.86
22 47 13 00-0026	EA	Stainless Steel Wall-Mounted Indoor Chilled Non-Filtered Bottle Filling Station With Hands-Free Fountain (Elkay EZO8WSSK)	2,642.43	200.86
22 47 13 00-0027	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Bottle Filling Station With Drinking Fountain (Elkay EZSG8WSSK)	2,642.43	200.86
22 47 13 00-0028	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LMABF8WSSK)	2,583.81	200.86
22 47 13 00-0029	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay LZS8WSVRSK)	2,583.81	200.86
22 47 13 00-0030	EA	Stainless Steel Wall-Mounted Indoor Chillded Hands-Free Non-Filtered Bottle Filling Station With Drinking Fountain (Elkay EMABF8WSSK)	2,451.91	200.86
22 47 13 00-0031	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LZS8WSSK)	2,378.64	200.86
22 47 13 00-0032	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LZS8WSSP)	2,276.06	200.86
22 47 13 00-0033	EA	Stainless Steel Wall-Mounted Indoor Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LZSDWSSK)	2,232.09	200.86
22 47 13 00-0034	EA	Stainless Steel Wall-Mounted Indoor Hands-Free Non-Filtered Bottle Filling Station With Drinking Fountain (Elkay EMABFDWSLK)	2,085.54	200.86
22 47 13 00-0035	EA	Vinyl Clad Cabinet, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountain (Elkay EMABF8WSLK)	2,378.64	200.86
22 47 13 00-0036	EA	Vinyl Clad Cabinet, Non-Chilled, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountain (Elkay EMABFDWSLK)	2,085.54	200.86
22 47 13 00-0037	EA	Vinyl Clad Cabinet, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountain (Elkay LZS8WSLK)	2,214.71	200.86
22 47 13 00-0038	EA	Vinyl Clad Cabinet, Stainless Steel Wall-Mounted Indoor, Bottle Filling Station With Drinking Fountain (Elkay LZS8WSLP)	2,217.44	200.86
22 47 13 00-0039	EA	Surface Mounted, Stainless Steel, Filtered Non-Refrigerated, Bottle Filling Station Kit (Elkay LZWSSM)	1,838.88	143.47
22 47 13 00-0040	EA	Wall Mounted, Non-Filtered Non-Refrigerated, Retrofit Bottle Filling Station Kit (Elkay EMABFWS-RF)	1,369.92	143.47
22 47 13 00-0041		**Semi-Recessed Indoor Drinking Fountain** *(22 47 13 00-0001)*		
22 47 13 00-0042	EA	Stainless Steel Semi-Recessed Indoor Drinking Fountain With Bubbler (Halsey-Taylor 5801)	2,297.25	215.19
22 47 13 00-0043	EA	Stainless Steel Semi-Recessed Indoor Drinking Fountain With Bubbler And Cuspidor (Halsey-Taylor 5801C)	5,075.86	215.19
22 47 13 00-0044		**Fully Recessed Indoor Drinking Fountain** *(22 47 13 00-0001)*		
22 47 13 00-0045	EA	Stainless Steel Fully-Recessed, With Bubbler, Indoor Drinking Fountain (Halsey-Taylor 8880, Haws 2400)	2,457.57	229.54
22 47 13 00-0046	EA	Stainless Steel Fully-Recessed, With Bubbler And Cuspidor, Indoor Drinking Fountain (Halsey-Taylor 8800 With 10245, Haws 2403)	4,589.28	229.54
22 47 13 00-0047		**Countertop Indoor Drinking Fountain** *(22 47 13 00-0001)*		
22 47 13 00-0048	EA	Stainless Steel Countertop Circular Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 10000)	991.61	143.47
22 47 13 00-0049	EA	Stainless Steel Countertop Rectangular Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 6000)	951.48	143.47
22 47 13 00-0050	EA	Stainless Steel Countertop Oval Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 6028)	1,171.40	143.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 47 13 00-0051		**Bowl And Bracket Indoor Drinking Fountain** *(22 47 13 00-0001)*		
22 47 13 00-0052	EA	Stainless Steel, Bowl And Bracket With Pushbutton Bubbler, Indoor Drinking Fountain (Halsey-Taylor 2501A)	824.67	143.47
22 47 13 00-0053	EA	Stainless Steel, Bowl And Bracket, Self Closing Lever Handle Stop, Indoor Drinking Fountain (Halsey-Taylor 4540)	1,011.09	143.47
22 47 13 00-0054		**Multi-Station Indoor Drinking Fountain** *(22 47 13 00-0001)*		
22 47 13 00-0055	EA	Two Station, Stainless Steel, Indoor Drinking Fountains With Bubbler And Built In Backsplash, With Bottom Cover Plate (Halsey-Taylor 7020)	4,773.87	229.54
22 47 13 00-0056	EA	Three Station, Stainless Steel, Indoor Drinking Fountains With Bubbler And Built In Backsplash, With Bottom Cover Plate (Halsey-Taylor 7030)	6,038.71	229.54
22 47 13 00-0057	EA	Two Station, Marblyte, Face-Mounted Indoor Drinking Fountain With Bubblers (Halsey-Taylor 7120)	4,547.37	229.54
22 47 13 00-0058	EA	Two Station, White Enameled Iron Indoor Drinking Fountains With Bubblers (Haws 1430)	3,813.96	229.54
22 47 13 00-0059	EA	Three Station, White Enameled Iron Indoor Drinking Fountains With Bubblers (Haws 1435)	4,838.08	229.54
22 47 13 00-0060	EA	Bi-Level, Stainless Steel, Indoor Drinking Fountain With Bubblers And Back Panel (Halsey-Taylor HRFSEBP, Haws 1119.14 With 6700.4)	4,158.57	292.81
22 47 13 00-0061	EA	Two Station, Cast Aluminum Indoor Drinking Fountains With Bubblers (Haws 1441)	5,724.44	229.54
22 47 13 00-0062	EA	Three Station, Cast Aluminum Indoor Drinking Fountains With Bubblers (Haws 1408)	5,622.99	229.54
22 47 13 00-0063		**Outdoor Drinking Fountains** *(22 47 13)*		
22 47 13 00-0064		**Face Mounted Outdoor Drinking Fountains** *(22 47 13 00-0063)*		
22 47 13 00-0065	EA	Stainless Steel Freeze Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor HRFE-FR)	2,128.24	229.54
22 47 13 00-0066	EA	Stainless Steel Freeze Resistant Face Mounted, With Back Panel, Outdoor Drinking Fountain With Bubbler (Halsey-Taylor HRFEBP-FR)	2,346.21	229.54
22 47 13 00-0067	EA	Stone Aggregate Weather Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4592)	2,251.57	229.54
22 47 13 00-0068	EA	Stone Aggregate Freeze Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4592-FR)	3,367.20	229.54
22 47 13 00-0069		**Free Standing Outdoor Drinking Fountains** *(22 47 13 00-0063)*		
22 47 13 00-0070	EA	Steel Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4715)	4,173.07	215.19
22 47 13 00-0071	EA	Steel Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4715-FR)	5,912.49	215.19
22 47 13 00-0072	EA	Steel Barrier-Free Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4710)	4,167.29	215.19
22 47 13 00-0073	EA	Steel Barrier-Free Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4710-FR)	5,801.39	215.19
22 47 13 00-0074	EA	Steel Barrier-Free Bi-level Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4720)	6,255.24	229.54
22 47 13 00-0075	EA	Steel Barrier-Free Bi-level Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4720-FR)	6,371.39	229.54
22 47 13 00-0076	EA	Stone Aggregate Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4591)	2,291.69	215.19
22 47 13 00-0077	EA	Stone Aggregate Barrier-Free Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4590)	4,046.88	215.19
22 47 13 00-0078	EA	Stone Aggregate Barrier-Free Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4590-FR)	5,786.30	215.19
22 47 13 00-0079	EA	Stone Aggregate Barrier-Free Bi-level Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4595)	6,824.53	229.54
22 47 13 00-0080	EA	Stone Aggregate Barrier-Free Bi-level Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4595-FR)	9,632.27	229.54
22 47 16		**Pressure Water Coolers** *(22 47)*		
22 47 16 00-0001		**Indoor Water Coolers** *(22 47 16)*		
22 47 16 00-0002		**Face Mounted Indoor Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0003	EA	Stainless Steel, Semi-Circular Water Cooler With Bubbler, Face-Mounted, Extended Length, 180 Degree Push Bar, 7.5 GPH (Halsey-Taylor OVL-II ER-Q)	4,796.88	229.54
22 47 16 00-0004	EA	Stainless Steel, Semi-Circular Water Cooler, Electronic Sensor, Face-Mounted, Extended Length, With Bubbler, 7.5 GPH (Halsey-Taylor OVL-II EREE-Q)	5,131.00	229.54
22 47 16 00-0005		**Wall Mounted Indoor Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0006	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 4 GPH, With Bubbler, (Halsey-Taylor SW4A-Q)	2,208.55	229.54
22 47 16 00-0007	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 8 GPH, With Bubbler (Halsey-Taylor SW8A-Q)	2,294.59	229.54
22 47 16 00-0008	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 14 GPH, With Bubbler (Halsey-Taylor SW14A-Q)	2,564.17	229.54
22 47 16 00-0009	EA	Stainless Steel Wall-Mounted Vandal Resistant Compact Water Cooler With Bubbler, 8 GPH (Halsey-Taylor SW8A-VR-Q-SS)	2,667.42	229.54
22 47 16 00-0010	EA	Stainless Steel Wall-Mounted Vandal Resistant Barrier Free Water Cooler With Bubbler, 8 GPH (Halsey-Taylor HVR8-CHILD ADA)	1,938.96	229.54
22 47 16 00-0011	EA	Stainless Steel Wall-Mounted Barrier Free Water Cooler With Bubbler, Front And Side Pushbar, 8 GPH (Halsey-Taylor WC8AFS-Q-SS)	2,268.77	229.54
22 47 16 00-0012	EA	Stainless Steel Wall-Mounted Barrier Free Water Cooler With Bubbler, Front And Side Pushbar, 8 GPH (Halsey-Taylor HAC8FS-Q Child SS)	1,753.97	229.54
22 47 16 00-0013	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level Indoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HAC8FSBL-Q-SS)	2,965.79	344.31
22 47 16 00-0014		**Simulated Recessed Indoor Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0015	EA	Stainless Steel Simulated Recessed Water Cooler With Bubbler, 8 GPH (Halsey-Taylor RWM8A-Q)	2,661.43	229.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 47 16 00-0016		**Fully Recessed Indoor Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0017	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler, 8 GPH (Halsey-Taylor RC8A-Q)	5,287.28	258.24
22 47 16 00-0018	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler And Cup Dispenser, 8 GPH (Halsey-Taylor RC8AQ + 14762)	6,494.20	258.24
22 47 16 00-0019	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler And Cup Dispenser And Glass Filler, 8 GPH (Halsey-Taylor RC8A-Q-14700)	7,629.08	258.24
22 47 16 00-0020		**Free Standing Indoor Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0021	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 4 GPH, With Bubbler (Halsey-Taylor SCWT4A-Q)	2,141.11	200.86
22 47 16 00-0022	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 8 GPH, With Bubbler (Halsey-Taylor SCWT8A-Q)	2,308.88	200.86
22 47 16 00-0023	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 14 GPH, With Bubbler (Halsey-Taylor SCWT14A-Q)	2,637.27	200.86
22 47 16 00-0024	EA	Stainless Steel, Free-Standing Vandal Resistant Water Cooler With Bubbler, 14 GPH (Halsey-Taylor SCWT14A-VR-Q)	2,948.44	200.86
22 47 16 00-0025		**Bottled Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0026	EA	Free-Standing Bottled Water Cooler With Chilled Or Room Temperature Water	713.24	114.77
22 47 16 00-0027	EA	Free-Standing Bottled Water Cooler With Chilled Or Hot Water	867.34	114.77
22 47 16 00-0028		**Multi-Station Indoor Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0029	EA	Stainless Steel, Wall Mounted, Two Station, Semi-Circular Indoor Water Cooler With Bubblers, 180 Degree Push Bars, 7.5 GPH (Halsey-Taylor OVL-II SER-Q)	6,308.79	344.31
22 47 16 00-0030	EA	Stainless Steel, Wall Mounted, Two Station, Electronic Sensor Semicircular Indoor Water Cooler With Bubblers, 180 Degree Push Bars, 7.5 GPH (Halsey-Taylor OVL-II-SEREE-Q)	7,274.88	344.31
22 47 16 00-0031	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level, Vandal Resistant Indoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HVR8BL-CHILD ADA-SS)	3,233.95	344.31
22 47 16 00-0032		**Outdoor Water Coolers** *(22 47 16)*		
22 47 16 00-0033		**Wall Mounted Outdoor Water Coolers** *(22 47 16 00-0032)*		
22 47 16 00-0034	EA	Stainless Steel, Wall Mounted, Barrier Free, Vandal Resistant, Frost Resistant Outdoor Water Cooler With Bubbler, 8 GPH (Halsey-Taylor HVR8FR-CHILD ADA-SS)	2,349.62	143.47
22 47 16 00-0035	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level, Vandal Resistant Outdoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HVR8BLFR-CHILD ADA-SS)	4,107.06	143.47
22 47 16 00-0036		**Free Standing Outdoor Water Coolers** *(22 47 16 00-0032)*		
22 47 16 00-0037	EA	Stainless Steel Free-Standing Outdoor Water Cooler With Bubbler, 14 GPH (Halsey-Taylor HOF14A-Q)	3,890.58	215.19
22 47 16 00-0038	EA	Stainless Steel Free-Standing Frost Resistant Outdoor Water Cooler With Bubbler, 14 GPH (Halsey-Taylor HOF14A-FR-Q)	4,693.61	215.19
22 47 16 00-0039		**Removal And Reinstallation Of Fixtures And Trim** *(22 47 16)*		
		Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 47 16 00-0040	EA	Removal And Reinstallation Of Wall Hung Water Cooler	558.01	
22 47 16 00-0041	EA	Removal And Reinstallation Of Floor Mount Water Cooler	124.64	
22 47 19		**Water-Station Water Coolers** *(22 47)*		
22 47 19 00-0001		**Bottle Filler** *(22 47 19)*		
22 47 19 00-0002	EA	Outdoor Tubular Bottle Filling Station, Surface Mount (Elkay LK4410BF)	4,942.01	229.54
		For Stainless Steel Carrier, Add	*205.00*	
22 47 19 00-0003	EA	Outdoor Tubular Bottle Filling Station, Surface Mount, Freeze Resistant (Elkay LK4410BFFRK)	7,232.69	229.54
		For Stainless Steel Carrier, Add	*205.00*	
22 47 19 00-0004	EA	Tri-level Outdoor Tubular Bottle Filling Station With Single Bottle Filler And Two Drinking Fountain Basins, Surface Mount (Elkay LK4430BF1)	9,309.38	258.24
		For Stainless Steel Carrier, Add	*205.00*	
22 47 19 00-0005	EA	Tri-level Outdoor Tubular Bottle Filling Station With Two Bottle Fillers And Single Drinking Fountain Basin, Surface Mount (Elkay LK4430BF2)	10,073.30	258.24
		For Stainless Steel Carrier, Add	*205.00*	
22 47 19 00-0006	EA	Tri-level Outdoor Tubular Bottle Filling Station With Three Bottle Fillers, Surface Mount (Elkay LK4430BF3)	10,837.22	258.24
		For Stainless Steel Carrier, Add	*205.00*	
22 47 23		**Remote Water Coolers** *(22 47)*		
22 47 23 00-0001		**Remote Chillers** *(22 47 23)*		
22 47 23 00-0002	EA	1.5 GPH Remote Chiller (Halsey-Taylor SJ1-Q)	1,356.61	77.47
22 47 23 00-0003	EA	5 GPH Remote Chiller (Halsey-Taylor SJ5-Q)	2,082.21	86.08
22 47 23 00-0004	EA	8 GPH Remote Chiller (Halsey-Taylor SJ8-Q)	1,772.49	100.42
22 47 23 00-0005	EA	10 GPH Remote Chiller (Halsey-Taylor SJ10-Q)	2,290.17	114.77
22 47 23 00-0006	EA	19 GPH Remote Chiller (Halsey-Taylor SJ19-Q)	3,592.30	172.16
22 47 23 00-0007	EA	30 GPH Remote Chiller (Halsey-Taylor SJ30-Q)	3,894.84	186.51
22 47 26		**Fixture Carriers** *(22 47)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 47 26 00-0001		Water Cooler Carriers *(22 47 26)*		
22 47 26 00-0002		Floor Mounted, Water Cooler Carriers *(22 47 26 00-0001)*		
		Note: Includes adjustable supporting rods, structural uprights and welded feet.		
22 47 26 00-0003	EA	Floor Mounted Hanger Plate Type, Single Water Cooler Carrier	617.84	43.62
		For Up To 4" Extension Sleeves And Hardware, Add	*33.74*	
		For Bi-Level Carrier, Add	*374.17*	
22 47 26 00-0004	EA	Floor Mounted Bearing Plate Type, Single Water Cooler Carrier	719.63	43.62
		For Up To 4" Extension Sleeves And Hardware, Add	*33.74*	
		For Bi-Level Carrier, Add	*374.17*	

22 50 Pool and Fountain Plumbing Systems *(22)*

22 51 Swimming Pool Plumbing Systems *(22 50)*

22 51 13 Swimming Pool Piping *(22 51)*

22 51 13 00-0001		Swimming Pool Gutters *(22 51 13)*		
22 51 13 00-0002	LF	Swimming Pool Gutters, Stainless	290.03	25.83
22 51 13 00-0003		Pool Drains *(22 51 13)*		
22 51 13 00-0004		Cast Iron Pool Drain With Bottom Outlet *(22 51 13 00-0003)*		
		Note: Large square top and 24" loose set round super-flo grate.		
22 51 13 00-0005	EA	Cast Iron Pool Drain, 4" - 8" Bottom Outlet, Large Square Top And 24" Super-Flo Grate	2,555.56	72.30
		For Galvanized Top, Add	*276.40*	
		For Polished Bronze Top, Add	*769.60*	
		For Vandal Proof Construction, Add	*57.20*	
		For Chromium Plated Top, Add	*805.00*	
22 51 13 00-0006		Cast Iron Pool Drain With Waterproof Flange *(22 51 13 00-0003)*		
		Note: Bottom outlet 14" square top and loose set square flange.		
22 51 13 00-0007	EA	Cast Iron Pool Drain, 2" - 4" Bottom Outlet With Waterproof Flange And 14" Square Top	757.92	72.30
		For Galvanized Top, Add	*38.10*	
		For Supplementary Strainer, Add	*7.00*	
		For Ground Screw, Add	*18.30*	
		For Hinge Grate, Add	*28.60*	
		For Clamp Device, Add	*13.80*	
		For Vandal Proof Construction, Add	*17.10*	
		For Polished Bronze Top, Add	*133.50*	
		For Threaded Outlet, Add	*9.50*	
		For Chromium Plated Top, Add	*146.90*	
22 51 13 00-0008		Pool Supply Fittings *(22 51 13)*		
22 51 13 00-0009		Cast Iron Pool Supply Fittings *(22 51 13 00-0008)*		
		Note: Includes polished bronze head and anchor flange and adjustable V-ported valve insert and threaded inlet.		
22 51 13 00-0010	EA	Cast Iron Pool Fitting For 2" Diameter Pipe	964.07	129.12
		For Grounding Screw, Add	*18.30*	
		For Galvanized Head, Add	*26.30*	
		For Vandal Proof Construction, Add	*11.50*	
22 51 13 00-0011	EA	Cast Iron Pool Fitting For 3" Diameter Pipe	964.07	129.12
		For Grounding Screw, Add	*18.30*	
		For Galvanized Head, Add	*26.30*	
		For Vandal Proof Construction, Add	*11.50*	
		For Chromium Plated Head, Add	*11.50*	

22 51 16 Swimming Pool Pumps *(22 51)*

22 51 16 00-0001		Variable Speed Pool Pumps *(22 51 16)*		
22 51 16 00-0002	EA	3 HP, Variable Speed Pool Pump With Vacuum Release (Pentair INTELLIFLO VS+SVRS 11017)	2,950.50	487.78
22 51 16 00-0003	EA	Variable Speed Pool Pump (Hayward EcoStar SVRS SP3400VSP)	3,230.77	487.78
22 51 16 00-0004	EA	Variable Speed Pool Pump With Vacuum Release (Hayward EcoStar SVRS SP3400VSPVR)	3,606.95	487.78
22 51 16 00-0005		Electric Powered Portable Vacuum Cleaner Pump *(22 51 16)*		
		Note: Includes 75' of 3 wire electric safety cord.		
22 51 16 00-0006	EA	1 HP Electric Portable Vacuum Cleaner Pump With 75' Of 3-Wire Safety Cord	386.02	57.39
22 51 16 00-0007	EA	1-1/2 HP Electric Portable Vacuum Cleaner Pump With 75' Of 3-Wire Safety Cord	658.86	57.39
22 51 16 00-0008		Gasoline Driven Portable Vacuum Cleaner Pump *(22 51 16)*		
22 51 16 00-0009	EA	3 HP Gasoline Driven Portable Vacuum Cleaner Pump	2,472.72	57.39

22 51 19 Swimming Pool Water Treatment Equipment *(22 51)*

22 51 19 00-0001		Condensing Pool Water Heater *(22 51 19)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 19 00-0002	EA	372 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN400)	42,614.22	822.65
22 51 19 00-0003	EA	467 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN501)	46,419.03	987.17
22 51 19 00-0004	EA	567 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN601)	50,904.39	1,069.45
22 51 19 00-0005	EA	660 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN701)	62,545.72	1,151.71
22 51 19 00-0006	EA	773 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN801)	64,873.74	1,233.97
22 51 19 00-0007	EA	967 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN1015)	98,364.55	1,480.77
22 51 19 00-0008	EA	1,257 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN1320)	126,072.14	1,563.03
22 51 19 00-0009	EA	1,450 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN1520)	131,152.07	1,686.43
22 51 19 00-0010		**Non-Condensing Pool Water Heater** *(22 51 19)*		
22 51 19 00-0011	EA	500 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN0502)	22,902.56	1,069.45
22 51 19 00-0012	EA	650 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN0652)	24,407.77	1,151.71
22 51 19 00-0013	EA	750 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN0752)	26,591.97	1,233.97
22 51 19 00-0014	EA	990 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN0992)	35,151.39	1,480.77
22 51 19 00-0015	EA	1,260 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN1262)	40,743.83	1,563.03
22 51 19 00-0016	EA	1,440 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN1442)	43,494.18	1,686.43
22 51 19 00-0017	EA	1,800 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN1802)	43,087.90	1,768.69
22 51 19 00-0018	EA	2,070 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN2072)	55,880.60	1,809.83
22 51 19 00-0019		**Swimming Pool Heaters** *(22 51 19)* Note: Excludes wiring, external piping, base or pad. Commercial pools.		
22 51 19 00-0020		**Electric Pool Heaters** *(22 51 19 00-0019)*		
22 51 19 00-0021	EA	12 KW Heater (1 Degree/Hour), For 4,800 Gallon Pool	4,385.88	229.54
22 51 19 00-0022	EA	18 KW Heater (1 Degree/Hour), For 7,200 Gallon Pool	4,900.18	246.76
22 51 19 00-0023	EA	24 KW Heater (1 Degree/Hour), For 9,600 Gallon Pool	5,446.05	286.93
22 51 19 00-0024	EA	30 KW Heater (1 Degree/Hour), For 12,000 Gallon Pool	5,770.77	344.31
22 51 19 00-0025	EA	36 KW Heater (1 Degree/Hour), For 14,400 Gallon Pool	6,363.31	482.04
22 51 19 00-0026	EA	60 KW Heater (1 Degree/Hour), For 24,000 Gallon Pool	7,312.89	688.63
22 51 19 00-0027		**Gas Fired Pool Heaters** *(22 51 19 00-0019)*		
22 51 19 00-0028	EA	120 MBH Output Gas Fired Pool Heater	6,658.62	1,116.03
22 51 19 00-0029	EA	180 MBH Output Gas Fired Pool Heater	7,561.43	1,275.46
22 51 19 00-0030	EA	240 MBH Output Gas Fired Pool Heater	8,545.59	1,434.89
22 51 19 00-0031	EA	300 MBH Output Gas Fired Pool Heater	9,809.04	1,753.76
22 51 19 00-0032	EA	360 MBH Output Gas Fired Pool Heater	10,088.02	1,849.51
22 51 19 00-0033	EA	400 MBH Output Gas Fired Pool Heater	11,877.72	2,289.93
22 51 19 00-0034	EA	500 MBH Output Gas Fired Pool Heater	18,891.01	2,642.23
22 51 19 00-0035	EA	600 MBH Output Gas Fired Pool Heater	21,939.22	2,906.45
22 51 19 00-0036	EA	750 MBH Output Gas Fired Pool Heater	24,763.08	3,170.68
22 51 19 00-0037	EA	1,000 MBH Output Gas Fired Pool Heater	31,820.37	3,743.16
22 51 19 00-0038		**Surge Tanks** *(22 51 19)* Note: Includes 100 GPM vertical pump with 2 HP motor and electronic float switch. Prices are for 1' To 5' sump depth for pump.		
22 51 19 00-0039	EA	1,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	19,106.65	911.63
22 51 19 00-0040	EA	1,500 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	21,389.61	911.63
22 51 19 00-0041	EA	2,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	25,905.75	1,176.60
22 51 19 00-0042	EA	5,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	34,456.39	1,898.92
22 51 19 00-0043		**Diatomite Type Filter System** *(22 51 19)*		
22 51 19 00-0044	EA	35,000 Gallon Filter System, Diatomite	15,870.50	3,303.65
22 51 19 00-0045	EA	45,000 Gallon Filter System, Diatomite	18,930.44	3,964.38
22 51 19 00-0046		**Silver Recovery System, X-Ray Film Processing** *(22 51 19)*		
22 51 19 00-0047	EA	20 Gallon/Day Capacity, Silver Recovery System	2,059.89	389.52
22 51 19 00-0048	EA	40 Gallon/Day Capacity, Silver Recovery System	3,018.23	519.39
22 51 19 00-0049		**Inline Water Filter** *(22 51 19)* Note: 3/8" NPT threaded inlet and outlet, 125 PSI, includes one filter cartridge.		
22 51 19 00-0050	EA	2 GPM Water Filter, 100 Degree Temperature, 8" x 5" Diameter, Plastic Body	275.55	114.77
22 51 19 00-0051	EA	6 GPM Water Filter, 250 Degree Temperature, 12" x 5" Diameter, Stainless Steel Body	493.95	172.16
22 51 19 00-0052		**Swimming Pool Chlorinators** *(22 51 19)*		
22 51 19 00-0053	EA	Swimming Pool Chlorinator, 50-100 PPD, Direct Cylinder Mounted Gas Chlorinator	1,176.54	164.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 19 00-0054		**Ultra-Violet Pool Treatment Lights** *(22 51 19)*		
22 51 19 00-0055		**Stainless Steel Ultra-Violet Pool Treatment Lights** *(22 51 19 00-0054)* Note: Delta ELP Amalgam Series		
22 51 19 00-0056	EA	3" Flanged, 79 GPM, 2 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	16,572.35	357.86
22 51 19 00-0057	EA	3" Flanged, 116 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	17,523.45	357.86
22 51 19 00-0058	EA	3" Flanged, 158 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	18,338.70	357.86
22 51 19 00-0059	EA	4" Flanged, 254 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	18,917.53	378.94
22 51 19 00-0060	EA	4" Flanged, 295 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	19,321.53	378.94
22 51 19 00-0061	EA	4" Flanged, 329 GPM, 7 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	22,990.04	378.94
22 51 19 00-0062	EA	6" Flanged, 396 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	27,115.13	680.53
22 51 19 00-0063	EA	6" Flanged, 440 GPM, 2 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	40,241.59	680.53
22 51 19 00-0064	EA	6" Flanged, 650 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	44,185.18	680.53
22 51 19 00-0065	EA	8" Flanged, 695 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	47,374.31	816.42
22 51 19 00-0066	EA	8" Flanged, 920 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	50,887.05	816.42
22 51 19 00-0067	EA	8" Flanged, 1140 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	53,339.37	816.42
22 51 19 00-0068	EA	8" Flanged, 1260 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	55,990.51	816.42
22 51 19 00-0069	EA	10" Flanged, 1510 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	60,135.13	928.00
22 51 19 00-0070	EA	10" Flanged, 1760 GPM, 7 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	64,774.64	928.00
22 51 19 00-0071	EA	10" Flanged, 2010 GPM, 8 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	69,414.13	928.00
22 51 19 00-0072	EA	10" Flanged, 2520 GPM, 10 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	75,047.80	928.00
22 51 19 00-0073		**HDPE Ultra-Violet Pool Treatment Lights** *(22 51 19 00-0054)* Note: Delta EL Series		
22 51 19 00-0074	EA	3" Flanged, 116 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing	8,237.86	357.86
22 51 19 00-0075	EA	3" Flanged, 158 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing	9,165.73	357.86
22 51 19 00-0076	EA	4" Flanged, 254 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing	10,125.41	378.94
22 51 19 00-0077		**In-Line, Stainless Steel Ultra-Violet Pool Treatment Lights** *(22 51 19 00-0054)* Note: Delta EM Series		
22 51 19 00-0078	EA	3" Flanged, 100 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	32,098.11	357.86
22 51 19 00-0079	EA	3" Flanged, 170 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	32,429.47	357.86
22 51 19 00-0080	EA	6" Flanged, 300 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	34,588.06	680.53
22 51 19 00-0081	EA	6" Flanged, 600 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	43,827.26	680.53
22 51 19 00-0082	EA	8" Flanged, 1300 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	61,160.23	816.42
22 51 19 00-0083	EA	10" Flanged, 2000 GPM, 2 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	69,016.46	928.00
22 51 19 00-0084	EA	12" Flanged, 3000 GPM, 3 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	81,360.88	1,200.88
22 51 19 00-0085	EA	12" Flanged, 4000 GPM, 4 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	91,302.63	1,200.88
22 51 23		**Swimming Pool Equipment Controls** *(22 51)*		
22 51 23 00-0001		**Pool Pump Variable Frequency Drive** *(22 51 23)* Note: Pentair Acu Drive XS		
22 51 23 00-0002	EA	3 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N01)	4,967.33	251.82
22 51 23 00-0003	EA	5 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N01)	5,333.28	283.31
22 51 23 00-0004	EA	7-1/2 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N01)	6,387.60	354.13
22 51 23 00-0005	EA	10 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N01)	6,792.20	422.59
22 51 23 00-0006	EA	15 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N01)	7,269.17	491.85
22 51 23 00-0007	EA	20 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N01)	8,238.58	561.89
22 51 23 00-0008	EA	3 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N01)	4,973.60	251.82
22 51 23 00-0009	EA	5 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N01)	5,243.41	283.31
22 51 23 00-0010	EA	7-1/2 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N01)	5,651.96	354.13
22 51 23 00-0011	EA	10 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N01)	6,077.45	422.59
22 51 23 00-0012	EA	15 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N01)	7,166.77	491.85
22 51 23 00-0013	EA	20 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N01)	7,960.62	561.89
22 51 23 00-0014	EA	3 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N01FB)	6,417.72	251.82
22 51 23 00-0015	EA	5 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N01FB)	7,379.29	283.31
22 51 23 00-0016	EA	7-1/2 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N01FB)	8,201.64	354.13
22 51 23 00-0017	EA	10 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N01FB)	8,842.39	422.59
22 51 23 00-0018	EA	15 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N01FB)	10,410.29	491.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0019	EA	20 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N01FB)	11,737.07	561.89
22 51 23 00-0020	EA	3 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N01FB)	6,892.13	251.82
22 51 23 00-0021	EA	5 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N01FB)	7,166.54	283.31
22 51 23 00-0022	EA	7-1/2 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N01FB)	7,568.40	354.13
22 51 23 00-0023	EA	10 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N01FB)	7,995.98	422.59
22 51 23 00-0024	EA	15 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N01FB)	9,125.00	491.85
22 51 23 00-0025	EA	20 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N01FB)	9,983.65	561.89
22 51 23 00-0026	EA	1/2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-2303-N12)	4,726.66	251.82
22 51 23 00-0027	EA	3/4 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-2303-N12)	4,805.45	251.82
22 51 23 00-0028	EA	1 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-2303-N12)	4,854.12	251.82
22 51 23 00-0029	EA	1-1/2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-2303-N12)	4,985.26	251.82
22 51 23 00-0030	EA	2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-2303-N12)	5,183.37	251.82
22 51 23 00-0031	EA	3 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N12)	5,337.04	251.82
22 51 23 00-0032	EA	5 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N12)	5,713.43	283.31
22 51 23 00-0033	EA	7-1/2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N12)	6,811.60	354.13
22 51 23 00-0034	EA	10 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N12)	7,285.35	422.59
22 51 23 00-0035	EA	15 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N12)	7,777.04	491.85
22 51 23 00-0036	EA	20 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N12)	8,836.10	561.89
22 51 23 00-0037	EA	25 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-2303-N12)	11,606.74	700.39
22 51 23 00-0038	EA	30 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-2303-N12)	12,812.68	771.21
22 51 23 00-0039	EA	40 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-2303-N12)	15,156.76	842.04
22 51 23 00-0040	EA	50 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-2303-N12)	17,635.07	983.69
22 51 23 00-0041	EA	60 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-2303-N12)	19,318.80	1,054.52
22 51 23 00-0042	EA	1/2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-4603-N12)	4,824.84	251.82
22 51 23 00-0043	EA	3/4 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-4603-N12)	4,926.60	251.82
22 51 23 00-0044	EA	1 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-4603-N12)	5,054.63	251.82
22 51 23 00-0045	EA	1-1/2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-4603-N12)	5,164.68	251.82
22 51 23 00-0046	EA	2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-4603-N12)	5,276.83	251.82
22 51 23 00-0047	EA	3 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N12)	5,395.18	251.82
22 51 23 00-0048	EA	5 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N12)	5,673.97	283.31
22 51 23 00-0049	EA	7-1/2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N12)	6,086.89	354.13
22 51 23 00-0050	EA	10 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N12)	6,522.85	422.59
22 51 23 00-0051	EA	15 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N12)	7,927.80	491.85
22 51 23 00-0052	EA	20 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N12)	8,740.16	561.89
22 51 23 00-0053	EA	25 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-4603-N12)	9,631.09	700.39
22 51 23 00-0054	EA	30 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-4603-N12)	10,894.18	771.21
22 51 23 00-0055	EA	40 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-4603-N12)	12,300.20	842.04
22 51 23 00-0056	EA	50 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-4603-N12)	15,075.13	983.69
22 51 23 00-0057	EA	60 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-4603-N12)	16,562.92	1,054.52
22 51 23 00-0058	EA	75 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD750-4603-N12)	18,574.68	1,125.34
22 51 23 00-0059	EA	100 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC10-4603-N12)	22,011.68	1,192.23
22 51 23 00-0060	EA	125 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC13-4603-N12)	25,388.53	1,259.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0061	EA	150 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC15-4603-N12)	27,536.01	1,408.64
22 51 23 00-0062	EA	200 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC20-4603-N12)	32,149.08	1,542.42
22 51 23 00-0063	EA	1/2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-2303-N12FB)	6,827.13	251.82
22 51 23 00-0064	EA	3/4 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-2303-N12FB)	6,905.92	251.82
22 51 23 00-0065	EA	1 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-2303-N12FB)	6,954.60	251.82
22 51 23 00-0066	EA	1-1/2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-2303-N12FB)	7,085.74	251.82
22 51 23 00-0067	EA	2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-2303-N12FB)	7,283.84	251.82
22 51 23 00-0068	EA	3 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N12FB)	7,437.51	251.82
22 51 23 00-0069	EA	5 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N12FB)	7,813.91	283.31
22 51 23 00-0070	EA	7-1/2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N12FB)	8,674.29	354.13
22 51 23 00-0071	EA	10 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N12FB)	9,390.91	422.59
22 51 23 00-0072	EA	15 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N12FB)	11,000.90	491.85
22 51 23 00-0073	EA	20 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N12FB)	12,432.13	561.89
22 51 23 00-0074	EA	25 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-2303-N12FB)	14,633.20	700.39
22 51 23 00-0075	EA	30 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-2303-N12FB)	16,110.17	771.21
22 51 23 00-0076	EA	40 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-2303-N12FB)	20,585.78	842.04
22 51 23 00-0077	EA	50 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-2303-N12FB)	27,148.34	983.69
22 51 23 00-0078	EA	60 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-2303-N12FB)	29,837.67	1,054.52
22 51 23 00-0079	EA	1/2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-4603-N12FB)	6,797.33	251.82
22 51 23 00-0080	EA	3/4 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-4603-N12FB)	6,899.07	251.82
22 51 23 00-0081	EA	1 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-4603-N12FB)	7,027.12	251.82
22 51 23 00-0082	EA	1-1/2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-4603-N12FB)	7,137.17	251.82
22 51 23 00-0083	EA	2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-4603-N12FB)	7,249.29	251.82
22 51 23 00-0084	EA	3 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N12FB)	7,367.67	251.82
22 51 23 00-0085	EA	5 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N12FB)	7,646.46	283.31
22 51 23 00-0086	EA	7-1/2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N12FB)	8,057.24	354.13
22 51 23 00-0087	EA	10 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N12FB)	8,493.21	422.59
22 51 23 00-0088	EA	15 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N12FB)	9,940.94	491.85
22 51 23 00-0089	EA	20 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N12FB)	10,819.50	561.89
22 51 23 00-0090	EA	25 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-4603-N12FB)	11,851.38	700.39
22 51 23 00-0091	EA	30 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-4603-N12FB)	13,357.58	771.21
22 51 23 00-0092	EA	40 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-4603-N12FB)	15,820.64	842.04
22 51 23 00-0093	EA	50 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-4603-N12FB)	18,203.86	983.69
22 51 23 00-0094	EA	60 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-4603-N12FB)	20,268.24	1,054.52
22 51 23 00-0095	EA	75 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD750-4603-N12FB)	23,539.90	1,125.34
22 51 23 00-0096	EA	100 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC10-4603-N12FB)	31,055.16	1,192.23
22 51 23 00-0097	EA	125 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC13-4603-N12FB)	34,357.42	1,259.12
22 51 23 00-0098	EA	150 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC15-4603-N12FB)	43,171.43	1,408.64
22 51 23 00-0099	EA	200 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC20-4603-N12FB)	50,731.48	1,542.42
22 51 23 00-0100	EA	380+ Volt AC, Up To 10 HP, 260 Volt AC, Up To 3 HP, 3 Year Extended Warranty (Pentair AD-EWW136)	466.63	
22 51 23 00-0101	EA	380+ Volt AC, 15 To 40 HP, 260 Volt AC, 5 To 25 HP, 3 Year Extended Warranty (Pentair AD-EWW236)	744.63	
22 51 23 00-0102	EA	380+ Volt AC, Up To 10 HP, 260 Volt AC, Up To 3 HP, 6 Year Extended Warranty (Pentair AD-EWW172)	824.05	
22 51 23 00-0103	EA	380+ Volt AC, 15 To 40 HP, 260 Volt AC, 5 To 25 HP, 6 Year Extended Warranty (Pentair AD-EWW272)	1,399.90	
22 51 23 00-0104	EA	380+ Volt AC, 50 To 125 HP, 260 Volt AC, 30 To 60 HP, 6 Year Extended Warranty (Pentair AD-EWW372)	2,670.72	
22 51 23 00-0105	EA	3" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97014-4203KIT)	1,666.35	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0106	EA	4" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97014-4204KIT)	1,742.09	
22 51 23 00-0107	EA	6" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97016-4206KIT)	1,900.85	
22 51 23 00-0108	EA	8" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97016-4208KIT)	2,038.46	
22 51 23 00-0109	EA	3" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97014BL-03KIT)	2,386.57	
22 51 23 00-0110	EA	4" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97014BL-04KIT)	2,457.70	
22 51 23 00-0111	EA	6" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97016BL-06KIT)	2,609.11	
22 51 23 00-0112	EA	8" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97016BL-08KIT)	2,742.40	
22 51 23 00-0113	EA	10" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97020BL-10KIT)	3,278.57	
22 51 23 00-0114	EA	12" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97020BL-12KIT)	3,291.04	

22 51 23 00-0115 Eco-Flow-E Aquatic Variable Frequency Drive And Options *(22 51 23)*

22 51 23 00-0116 Eco-Flow-E Aquatic Variable Frequency Drive *(22 51 23 00-0115)*

22 51 23 00-0117	EA	2 HP, 480 Volt, 3 Phase, 4 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-04-12-4)	4,187.18	209.86
		For Bypass Panel, Add	*952.66*	
22 51 23 00-0118	EA	3 HP, 480 Volt, 3 Phase, 6 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-06-12-4)	4,191.19	209.86
		For Bypass Panel, Add	*952.66*	
22 51 23 00-0119	EA	5 HP, 480 Volt, 3 Phase, 8 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-08-12-4)	4,265.06	236.09
		For Bypass Panel, Add	*952.66*	
22 51 23 00-0120	EA	7-1/2 HP, 480 Volt, 3 Phase, 12 Amperes, Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-12-12-4)	4,427.26	295.11
		For Bypass Panel, Add	*952.66*	
22 51 23 00-0121	EA	10 HP, 480 Volt, 3 Phase, 16 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-16-12-4)	4,788.87	352.16
		For Bypass Panel, Add	*952.66*	
22 51 23 00-0122	EA	15 HP, 480 Volt, 3 Phase, 24 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-24-12-4)	5,329.73	409.87
		For Bypass Panel, Add	*1,124.60*	
22 51 23 00-0123	EA	20 HP, 480 Volt, 3 Phase, 30 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-30-12-4)	6,281.30	468.23
		For Bypass Panel, Add	*1,124.60*	
22 51 23 00-0124	EA	25 HP, 480 Volt, 3 Phase, 39 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-39-12-4)	6,540.13	586.28
		For Bypass Panel, Add	*1,124.60*	
22 51 23 00-0125	EA	30 HP, 480 Volt, 3 Phase, 45 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-45-12-4)	7,822.16	644.64
		For Bypass Panel, Add	*1,124.60*	
22 51 23 00-0126	EA	40 HP, 480 Volt, 3 Phase, 61 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-61-12-4)	8,067.35	702.36
		For Bypass Panel, Add	*1,368.76*	
22 51 23 00-0127	EA	1/2 HP, 208/230 Volt, 1 Phase (1 HP, 208/230 Volt, 3 Phase) 8 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-08-12-2)	4,164.44	209.86
		For Bypass Panel, Add	*952.66*	
22 51 23 00-0128	EA	1 HP, 208/230 Volt, 1 Phase (2 HP, 208/230 Volt, 3 Phase) 12 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-12-12-2)	4,169.79	209.86
		For Bypass Panel, Add	*952.66*	
22 51 23 00-0129	EA	1-1/2 HP, 208/230 Volt, 1 Phase (3 HP, 208/230 Volt, 3 Phase) 16 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-16-12-2)	4,195.21	209.86
		For Bypass Panel, Add	*952.66*	
22 51 23 00-0130	EA	5 HP, 208/230 Volt, 1 Phase, 24 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-24-12-2)	4,286.47	236.09
		For Bypass Panel, Add	*1,124.60*	
22 51 23 00-0131	EA	3 HP, 208/230 Volt, 1 Phase (7-1/2 HP, 208/230 Volt, 3 Phase) 32 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-32-12-2)	4,657.38	295.11
		For Bypass Panel, Add	*1,124.60*	
22 51 23 00-0132	EA	5 HP, 208/230 Volt, 1 Phase (10 HP, 208/230 Volt, 3 Phase) 46 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-46-12-2)	5,192.91	352.16
		For Bypass Panel, Add	*1,124.60*	
22 51 23 00-0133	EA	7-1/2 HP, 208/230 Volt, 1 Phase (15 HP, 208/230 Volt, 3 Phase) 60 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-60-12-2)	6,152.53	409.87
		For Bypass Panel, Add	*1,368.76*	
22 51 23 00-0134	EA	10 HP, 208/230 Volt, 1 Phase (20 HP, 208/230 Volt, 3 Phase) 74 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-74-12-2)	6,294.68	468.23
		For Bypass Panel, Add	*1,368.76*	
22 51 23 00-0135	EA	25 HP, 208/230 Volt, 1 Phase, 88 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-88-12-2)	7,686.70	586.28
		For Bypass Panel, Add	*1,859.11*	
22 51 23 00-0136	EA	15 HP, 208/230 Volt, 1 Phase (30 HP, 208/230 Volt, 3 Phase) 124 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-124-12-2)	7,934.54	644.64
		For Bypass Panel, Add	*2,560.85*	

22 51 23 00-0137 Eco-Flow-E Aquatic Variable Frequency Drive Options *(22 51 23 00-0115)*

22 51 23 00-0138	EA	0 To 30 PSI, 1/4" NPT Male Thread, 4 To 20 mA Output, 10' Cable, Pressure Sensor (H2Flow PS-30)	576.86	98.37
22 51 23 00-0139	EA	0 To 100 PSI, 1/4" NPT Male Thread, 4 To 20 mA Output, 10' Cable, Pressure Sensor (H2Flow PS-100)	576.86	98.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0140	EA	Lightning Arrestor (H2Flow LA)	610.12	65.58
22 51 23 00-0141	EA	2 HP, 480 Volt, (3/4 HP, 208/230 Volt) Load Reactor (TCI V1K4A00)	685.15	29.51
22 51 23 00-0142	EA	3 HP, 480 Volt, (1 To 1-1/2 HP, 208/230 Volt) Load Reactor (TCI V1K6A00)	707.76	32.79
22 51 23 00-0143	EA	5 HP, 480 Volt, (2 HP, 208/230 Volt) Load Reactor (TCI V1K8A00)	725.03	36.07
22 51 23 00-0144	EA	7-1/2 HP, 480 Volt, (3 HP, 208/230 Volt) Load Reactor (TCI V1K12A00)	757.01	39.35
22 51 23 00-0145	EA	10 HP, 480 Volt, (5 HP, 208/230 Volt) Load Reactor (TCI V1K16A00)	771.58	42.63
22 51 23 00-0146	EA	15 HP, 480 Volt, (7-1/2 HP, 208/230 Volt) Load Reactor (TCI V1K25A00)	1,006.92	45.90
22 51 23 00-0147	EA	20 HP, 480 Volt, Load Reactor (TCI V1K27A00)	1,049.60	49.18
22 51 23 00-0148	EA	25 HP, 480 Volt, (10 HP, 208/230 Volt) Load Reactor (TCI V1K35A00)	1,096.29	52.47
22 51 23 00-0149	EA	30 HP, 480 Volt, (15 HP, 208/230 Volt) Load Reactor (TCI V1K45A00)	1,141.66	55.74
22 51 23 00-0150	EA	40 HP, 480 Volt, (20 HP, 208/230 Volt) Load Reactor (TCI V1K55A00)	1,181.65	59.02
22 51 23 00-0151	EA	25 To 30 HP, 208/230 Volt, Load Reactor (TCI V1K80A00)	1,624.36	62.30
22 51 23 00-0152	EA	1 HP, 208/230 Volt, Line Reactor (TCI KDRA25L)	208.73	32.79
22 51 23 00-0153	EA	2 HP, 208/230 Volt, Line Reactor (TCI KDRA27L)	223.32	36.07
22 51 23 00-0154	EA	3 HP, 208/230 Volt, Line Reactor (TCI KDRA28L)	249.95	39.35
22 51 23 00-0155	EA	5 HP, 208/230 Volt, Line Reactor (TCI KDRB22L)	328.74	42.63
22 51 23 00-0156	EA	7-1/2 HP, 208/230 Volt, Line Reactor (TCI KDRB23L)	368.75	45.90
22 51 23 00-0157	EA	10 HP, 208/230 Volt, Line Reactor (TCI KDRD25L)	382.00	49.18
22 51 23 00-0158	EA	15 HP, 208/230 Volt, Line Reactor (TCI KDRD24L)	395.24	52.47
22 51 23 00-0159	EA	20 HP, 208/230 Volt, Line Reactor (TCI KDRD26L)	419.20	55.74
22 51 23 00-0160	EA	25 HP, 208/230 Volt, Line Reactor (TCI KDRC22L)	530.11	59.02
22 51 23 00-0161	EA	30 HP, 208/230 Volt, Line Reactor (TCI KDRF24L)	544.69	62.30
22 51 23 00-0162	EA	1 HP, 480 Volt, Line Reactor (TCI KDRA8L)	210.07	32.79
22 51 23 00-0163	EA	2 HP, 480 Volt, Line Reactor (TCI KDRA1L)	231.35	36.07
22 51 23 00-0164	EA	3 HP, 480 Volt, Line Reactor (TCI KDRA2L)	253.96	39.35
22 51 23 00-0165	EA	5 HP, 480 Volt, Line Reactor (TCI KDRA3L)	267.20	42.63
22 51 23 00-0166	EA	7-1/2 HP, 480 Volt, Line Reactor (TCI KDRA4L)	279.11	45.90
22 51 23 00-0167	EA	10 HP, 480 Volt, Line Reactor (TCI KDRA5L)	349.89	49.18
22 51 23 00-0168	EA	15 HP, 480 Volt, Line Reactor (TCI KDRB2L)	364.47	52.47
22 51 23 00-0169	EA	20 HP, 480 Volt, Line Reactor (TCI KDRB1L)	383.08	55.74
22 51 23 00-0170	EA	25 HP, 480 Volt, Line Reactor (TCI KDRD1L)	396.32	59.02
22 51 23 00-0171	EA	30 HP, 480 Volt, Line Reactor (TCI KDRD2L)	477.80	62.30
22 51 23 00-0172	EA	40 HP, 480 Volt, Line Reactor (TCI KDRC1L)	520.48	65.58
22 51 23 00-0173	EA	Models 04 To 30, 304 SS Metric To English Conduit Adaptor Kit	85.20	
22 51 23 00-0174	EA	Models 32 To 46, 304 SS Metric To English Conduit Adaptor Kit	115.95	
22 51 23 00-0175	EA	Models 60 To 74, 304 SS Metric To English Conduit Adaptor Kit	144.01	
22 51 23 00-0176		**Pool Flow Meters** *(22 51 23)*		
22 51 23 00-0177	EA	20 To 110 GPM, 1-1/2" Diameter Retrofit Kit FlowVis For Existing Jandy Or Praher Valve Flow Meter (H2Flow FVJ-R-15)	150.80	22.96
22 51 23 00-0178	EA	20 To 110 GPM, 2" x 2-1/2" Diameter Retrofit Kit FlowVis For Existing Jandy® Or Praher Valve Flow Meter (H2Flow FVJ-R)	150.80	22.96
22 51 23 00-0179	EA	20 To 110 GPM, 1-1/2" Diameter Complete FlowVis Including Valve Body Flow Meter (H2Flow FV-C-15)	234.85	43.04
22 51 23 00-0180	EA	20 To 110 GPM, 2" x 2-1/2" Diameter Complete FlowVis Including Valve Body Flow Meter (H2Flow FV-C)	196.70	45.91
22 51 23 00-0181		**Paddlewheel Flow Sensors** *(22 51 23)*		
22 51 23 00-0182	EA	1/2" To 4" Pipe, Polypropylene Body, Black Polyvinylidene Fluoride (PVDF) Rotor, Paddlewheel Flow Sensor (Signet 3-2536-P0) Note: Includes 25' of cable (extendable to 200').	1,022.22	75.74
22 51 23 00-0183	EA	1/2" To 4" Pipe, Polypropylene Body, Pulse/Flow Switch DCR Output Paddlewheel Flow Sensor (Signet 3-2537-1C-PO)	1,355.36	75.74
22 51 23 00-0184	EA	1/2" To 4" Pipe, Polypropylene Body, Pulse/Flow Switch SSR Output Paddlewheel Flow Sensor (Signet 3-2537-2C-PO)	1,355.36	75.74
22 51 23 00-0185	EA	1/2" To 4" Pipe, Polypropylene Body, Digital Output Paddlewheel Flow Sensor (Signet 3-2537-5C-PO)	1,407.53	75.74
22 51 23 00-0186	EA	1/2" To 4" Pipe, Polypropylene Body, 4 To 20 mA Output Paddlewheel Flow Sensor (Signet 3-2537-6C-PO)	1,463.72	75.74
22 51 23 00-0187	EA	1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, Pulse/Flow Switch DCR Output Paddlewheel Flow Sensor (Signet 3-2537-1C-TO)	1,570.09	75.74
22 51 23 00-0188	EA	1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, Pulse/Flow Switch SSR Output Paddlewheel Flow Sensor (Signet 3-2537-2C-TO)	1,570.09	75.74
22 51 23 00-0189	EA	1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, Digital Output Paddlewheel Flow Sensor (Signet 3-2537-5C-TO)	1,636.31	75.74
22 51 23 00-0190	EA	1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, 4 To 20 mA Output Paddlewheel Flow Sensor (Signet 3-2537-6C-TO)	1,700.53	75.74
22 51 23 00-0191	EA	>4" To 8" Pipe, Polypropylene Body, Black Polyvinylidene Fluoride (PVDF) Rotor, Paddlewheel Flow Sensor (Signet 3-2536-P1) Note: Includes 25' of cable (extendable to 200').	1,068.38	75.74
22 51 23 00-0192	EA	>4" To 8" Pipe, Polypropylene Body, Pulse/Flow Switch DCR Output Paddlewheel Flow Sensor (Signet 3-2537-1C-P1)	1,407.53	75.74
22 51 23 00-0193	EA	>4" To 8" Pipe, Polypropylene Body, Pulse/Flow Switch SSR Output Paddlewheel Flow Sensor (Signet 3-2537-2C-P1)	1,407.53	75.74
22 51 23 00-0194	EA	>4" To 8" Pipe, Polypropylene Body, Digital Output Paddlewheel Flow Sensor (Signet 3-2537-5C-P1)	1,463.72	75.74
22 51 23 00-0195	EA	>4" To 8" Pipe, Polypropylene Body, 4 To 20 mA Output Paddlewheel Flow Sensor (Signet 3-2537-6C-P1)	1,515.90	75.74
22 51 23 00-0196	EA	>8" Pipe, Polypropylene Body, Black Polyvinylidene Fluoride (PVDF) Rotor, Paddlewheel Flow Sensor (Signet 3-2536-P2) Note: Includes 25' of cable (extendable to 200').	1,110.52	75.74
22 51 23 00-0197	EA	2" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S020)	342.22	
22 51 23 00-0198	EA	4" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S040)	473.09	
22 51 23 00-0199	EA	6" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S060)	581.88	
22 51 23 00-0200	EA	8" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S080)	714.76	
22 51 23 00-0201	EA	10" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S100)	945.95	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0202	EA	12" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S120)	958.42	
22 51 23 00-0203	EA	24 Volt DC, Power Supply 7.5 Watt, 300 mA (Signet 7300-7524)	337.71	20.98
22 51 23 00-0204	EA	24 Volt DC, Power Supply 15 Watt, 600 mA (Signet 7300-1524)	464.14	20.98
22 51 23 00-0205	EA	24 Volt DC, 30 Watt, 1.3 Amperes, Power Supply (Signet 7300-3024)	572.51	20.98
22 51 23 00-0206	EA	24 Volt DC, 50 Watt, 2.1 Amperes, Power Supply (Signet 7300-5024)	725.03	20.98
22 51 23 00-0207	EA	24 Volt DC, 100 Watt, 4.2 Amperes, Power Supply (Signet 7300-1024)	1,005.98	20.98

22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities *(22)*

22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities *(22 60)*

22 66 53 Laboratory Chemical-Waste and Vent Piping *(22 66)*

22 66 53 00-0001 Polypropylene Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings *(22 66 53)*

22 66 53 00-0002 Schedule 40 Polypropylene Acid Resistant DWV Pipe And Fuseal Fittings *(22 66 53 00-0001)*

22 66 53 00-0003 Schedule 40 Polypropylene Acid Resistant DWV Pipe *(22 66 53 00-0002)*

22 66 53 00-0004	LF	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Pipe	14.77	6.54
		For Work In Restricted Working Space, Add	*2.96*	
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add	*2.19*	
		For Schedule 80, Add	*2.56*	
22 66 53 00-0005	LF	2" Schedule 40 Polypropylene Acid Resistant DWV Pipe	17.74	7.35
		For Work In Restricted Working Space, Add	*3.33*	
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add	*2.96*	
		For Schedule 80, Add	*3.46*	
22 66 53 00-0006	LF	3" Schedule 40 Polypropylene Acid Resistant DWV Pipe	28.06	10.67
		For Work In Restricted Working Space, Add	*4.82*	
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add	*5.34*	
		For Schedule 80, Add	*6.25*	
22 66 53 00-0007	LF	4" Schedule 40 Polypropylene Acid Resistant DWV Pipe	37.92	13.88
		For Work In Restricted Working Space, Add	*6.26*	
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add	*7.59*	
		For Schedule 80, Add	*8.87*	
22 66 53 00-0008	LF	6" Schedule 40 Polypropylene Acid Resistant DWV Pipe	61.34	20.43
		For Work In Restricted Working Space, Add	*9.18*	
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add	*13.67*	
		For Schedule 80, Add	*15.98*	

22 66 53 00-0009 Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bends *(22 66 53 00-0002)*

22 66 53 00-0010	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	56.86	24.68
		For Work In Restricted Working Space, Add	*11.11*	
22 66 53 00-0011	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	73.48	32.59
		For Work In Restricted Working Space, Add	*14.65*	
22 66 53 00-0012	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	97.82	37.30
		For Work In Restricted Working Space, Add	*16.80*	
22 66 53 00-0013	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	140.62	49.36
		For Work In Restricted Working Space, Add	*22.21*	
22 66 53 00-0014	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	272.94	72.88
		For Work In Restricted Working Space, Add	*32.79*	

22 66 53 00-0015 Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bends *(22 66 53 00-0002)*

22 66 53 00-0016	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	56.52	24.68
		For Work In Restricted Working Space, Add	*11.11*	
22 66 53 00-0017	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	72.58	32.59
		For Work In Restricted Working Space, Add	*14.65*	
22 66 53 00-0018	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	99.53	37.30
		For Work In Restricted Working Space, Add	*16.80*	
22 66 53 00-0019	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	123.42	49.36
		For Work In Restricted Working Space, Add	*22.21*	
22 66 53 00-0020	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	246.27	72.88
		For Work In Restricted Working Space, Add	*32.79*	

22 66 53 00-0021 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tees *(22 66 53 00-0002)*

22 66 53 00-0022	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	103.79	52.80
		For Work In Restricted Working Space, Add	*23.75*	
22 66 53 00-0023	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	129.32	66.57
		For Work In Restricted Working Space, Add	*29.94*	
22 66 53 00-0024	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	168.36	72.88
		For Work In Restricted Working Space, Add	*32.79*	
22 66 53 00-0025	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	231.90	95.72
		For Work In Restricted Working Space, Add	*43.04*	
22 66 53 00-0026	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	405.41	153.10
		For Work In Restricted Working Space, Add	*68.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 66 53 00-0027 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tees *(22 66 53 00-0002)*

22 66 53 00-0028	EA	2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	129.28	66.57
		For Work In Restricted Working Space, Add	*29.94*	
22 66 53 00-0029	EA	3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	164.23	72.88
		For Work In Restricted Working Space, Add	*32.79*	
22 66 53 00-0030	EA	3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	160.57	72.88
		For Work In Restricted Working Space, Add	*32.79*	
22 66 53 00-0031	EA	4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	222.50	95.72
		For Work In Restricted Working Space, Add	*43.04*	
22 66 53 00-0032	EA	4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	226.05	95.72
		For Work In Restricted Working Space, Add	*43.04*	
22 66 53 00-0033	EA	6" x 6" x 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	379.24	153.10
		For Work In Restricted Working Space, Add	*68.86*	

22 66 53 00-0034 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tees With Plug *(22 66 53 00-0002)*

22 66 53 00-0035	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	115.82	52.80
		For Work In Restricted Working Space, Add	*23.75*	
22 66 53 00-0036	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	132.23	66.57
		For Work In Restricted Working Space, Add	*29.94*	
22 66 53 00-0037	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	177.26	72.88
		For Work In Restricted Working Space, Add	*32.79*	
22 66 53 00-0038	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	236.01	95.72
		For Work In Restricted Working Space, Add	*43.04*	
22 66 53 00-0039	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	354.66	153.10
		For Work In Restricted Working Space, Add	*68.86*	

22 66 53 00-0040 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wyes *(22 66 53 00-0002)*

22 66 53 00-0041	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	110.54	52.80
		For Work In Restricted Working Space, Add	*23.75*	
22 66 53 00-0042	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	135.57	66.57
		For Work In Restricted Working Space, Add	*29.94*	
22 66 53 00-0043	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	172.08	72.88
		For Work In Restricted Working Space, Add	*32.79*	
22 66 53 00-0044	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	234.99	95.72
		For Work In Restricted Working Space, Add	*43.04*	
22 66 53 00-0045	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	461.88	153.10
		For Work In Restricted Working Space, Add	*68.86*	

22 66 53 00-0046 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wyes *(22 66 53 00-0002)*

22 66 53 00-0047	EA	2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	143.84	66.57
		For Work In Restricted Working Space, Add	*29.94*	
22 66 53 00-0048	EA	3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	167.84	72.88
		For Work In Restricted Working Space, Add	*32.79*	
22 66 53 00-0049	EA	3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	167.84	72.88
		For Work In Restricted Working Space, Add	*32.79*	
22 66 53 00-0050	EA	4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	231.33	95.72
		For Work In Restricted Working Space, Add	*43.04*	
22 66 53 00-0051	EA	4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	231.33	95.72
		For Work In Restricted Working Space, Add	*43.04*	
22 66 53 00-0052	EA	6" x 6" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	413.24	153.10
		For Work In Restricted Working Space, Add	*68.86*	
22 66 53 00-0053	EA	6" x 6" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	416.09	153.10
		For Work In Restricted Working Space, Add	*68.86*	
22 66 53 00-0054	EA	6" x 6" x 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	380.44	153.10
		For Work In Restricted Working Space, Add	*68.86*	

22 66 53 00-0055 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Crosses *(22 66 53 00-0002)*

22 66 53 00-0056	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	137.56	66.00
		For Work In Restricted Working Space, Add	*29.68*	
22 66 53 00-0057	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	171.02	83.21
		For Work In Restricted Working Space, Add	*37.43*	
22 66 53 00-0058	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	229.21	91.13
		For Work In Restricted Working Space, Add	*40.99*	
22 66 53 00-0059	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	317.96	119.59
		For Work In Restricted Working Space, Add	*53.80*	
22 66 53 00-0060	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	562.63	191.32
		For Work In Restricted Working Space, Add	*86.08*	

22 66 53 00-0061 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bends *(22 66 53 00-0002)*

22 66 53 00-0062	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	101.58	52.80
		For Work In Restricted Working Space, Add	*23.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0063	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	132.58	66.57
		For Work In Restricted Working Space, Add	*29.94*	
22 66 53 00-0064	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	151.25	72.88
		For Work In Restricted Working Space, Add	*32.79*	
22 66 53 00-0065	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	208.70	95.72
		For Work In Restricted Working Space, Add	*43.04*	
22 66 53 00-0066	EA	2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	122.82	66.57
		For Work In Restricted Working Space, Add	*29.94*	
22 66 53 00-0067	EA	3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	147.32	72.88
		For Work In Restricted Working Space, Add	*32.79*	
22 66 53 00-0068	EA	3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	148.90	72.88
		For Work In Restricted Working Space, Add	*32.79*	
22 66 53 00-0069	EA	4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	202.86	95.72
		For Work In Restricted Working Space, Add	*43.04*	
22 66 53 00-0070	EA	4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	203.86	95.72
		For Work In Restricted Working Space, Add	*43.04*	
22 66 53 00-0071		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Traps** *(22 66 53 00-0002)*		
22 66 53 00-0072	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap	119.95	61.29
		For Work In Restricted Working Space, Add	*27.54*	
22 66 53 00-0073	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap	159.53	80.57
		For Work In Restricted Working Space, Add	*36.24*	
22 66 53 00-0074	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap	240.12	109.37
		For Work In Restricted Working Space, Add	*49.19*	
22 66 53 00-0075	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap	336.67	139.22
		For Work In Restricted Working Space, Add	*62.60*	
22 66 53 00-0076		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapters** *(22 66 53 00-0002)*		
22 66 53 00-0077	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	55.92	24.68
		For Work In Restricted Working Space, Add	*11.11*	
22 66 53 00-0078	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	68.54	32.59
		For Work In Restricted Working Space, Add	*14.65*	
22 66 53 00-0079	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	80.37	37.30
		For Work In Restricted Working Space, Add	*16.80*	
22 66 53 00-0080	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	109.17	49.36
		For Work In Restricted Working Space, Add	*22.21*	
22 66 53 00-0081	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	161.92	72.88
		For Work In Restricted Working Space, Add	*32.79*	
22 66 53 00-0082		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapters** *(22 66 53 00-0002)*		
22 66 53 00-0083	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter	53.55	24.68
		For Work In Restricted Working Space, Add	*11.11*	
22 66 53 00-0084	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter	70.33	32.59
		For Work In Restricted Working Space, Add	*14.65*	
22 66 53 00-0085	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter	83.66	37.30
		For Work In Restricted Working Space, Add	*16.80*	
22 66 53 00-0086	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter	112.40	49.36
		For Work In Restricted Working Space, Add	*22.21*	
22 66 53 00-0087		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Couplings** *(22 66 53 00-0002)*		
22 66 53 00-0088	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	50.60	24.68
		For Work In Restricted Working Space, Add	*11.11*	
22 66 53 00-0089	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	65.03	32.59
		For Work In Restricted Working Space, Add	*14.65*	
22 66 53 00-0090	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	75.65	37.30
		For Work In Restricted Working Space, Add	*16.80*	
22 66 53 00-0091	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	100.03	49.36
		For Work In Restricted Working Space, Add	*22.21*	
22 66 53 00-0092	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	147.08	72.88
		For Work In Restricted Working Space, Add	*32.79*	
22 66 53 00-0093		**Bell And Spigot High Silicon Iron Alloy Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings** *(22 66 53)*		
		Note: Acid resistant. ASTM A518.		
22 66 53 00-0094		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe** *(22 66 53 00-0093)*		
22 66 53 00-0095	LF	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	121.17	10.22
22 66 53 00-0096	LF	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	170.72	12.74
22 66 53 00-0097	LF	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	232.61	14.69
22 66 53 00-0098	LF	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	383.19	21.28
22 66 53 00-0099	LF	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	676.52	28.35
22 66 53 00-0100	LF	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	1,197.53	35.76
22 66 53 00-0101	LF	12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	2,136.55	48.17

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0102		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Fittings** *(22 66 53 00-0093)*		
22 66 53 00-0103		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweeps** *(22 66 53 00-0102)*		
22 66 53 00-0104	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	478.88	87.00
22 66 53 00-0105	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	628.09	95.72
22 66 53 00-0106	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	1,024.92	114.54
22 66 53 00-0107	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	1,536.41	140.53
22 66 53 00-0108	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	3,534.95	227.87
22 66 53 00-0109		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bends** *(22 66 53 00-0102)*		
22 66 53 00-0110	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	274.61	87.00
22 66 53 00-0111	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	359.75	95.72
22 66 53 00-0112	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	452.18	114.54
22 66 53 00-0113	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	1,220.01	140.53
22 66 53 00-0114	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	2,772.77	227.87
22 66 53 00-0115	EA	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	4,215.99	283.90
22 66 53 00-0116	EA	12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	6,197.25	341.41
22 66 53 00-0117		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bends** *(22 66 53 00-0102)*		
22 66 53 00-0118	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	274.61	87.00
22 66 53 00-0119	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	359.75	95.72
22 66 53 00-0120	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	452.18	114.54
22 66 53 00-0121	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	891.58	140.53
22 66 53 00-0122	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	2,348.23	227.87
22 66 53 00-0123	EA	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	3,435.58	283.90
22 66 53 00-0124	EA	12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	4,876.16	341.41
22 66 53 00-0125		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bends** *(22 66 53 00-0102)*		
22 66 53 00-0126	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	274.61	87.00
22 66 53 00-0127	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	359.75	95.72
22 66 53 00-0128	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	451.90	114.43
22 66 53 00-0129		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweeps** *(22 66 53 00-0102)*		
22 66 53 00-0130	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep	378.75	87.00
22 66 53 00-0131	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep	676.15	95.72
22 66 53 00-0132	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep	756.57	114.54
22 66 53 00-0133		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tees** *(22 66 53 00-0102)*		
22 66 53 00-0134	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	387.44	130.16
22 66 53 00-0135	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	488.66	144.27
22 66 53 00-0136	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	682.85	172.27
22 66 53 00-0137	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	1,157.72	211.19
22 66 53 00-0138	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	3,560.83	342.10
22 66 53 00-0139	EA	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	5,059.97	427.17
22 66 53 00-0140		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tees** *(22 66 53 00-0102)*		
22 66 53 00-0141	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	363.31	124.76
22 66 53 00-0142	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	425.14	133.94
22 66 53 00-0143	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	476.20	138.64
22 66 53 00-0144	EA	4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	545.95	153.10
22 66 53 00-0145	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	585.31	157.92
22 66 53 00-0146	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	644.25	162.64
22 66 53 00-0147	EA	6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	815.36	182.75
22 66 53 00-0148	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	905.87	187.46
22 66 53 00-0149	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	1,014.91	196.08
22 66 53 00-0150		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tees** *(22 66 53 00-0102)*		
22 66 53 00-0151	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee	443.45	130.16
22 66 53 00-0152	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee	536.15	143.93
22 66 53 00-0153	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee	734.88	172.27
22 66 53 00-0154		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tees** *(22 66 53 00-0102)*		
22 66 53 00-0155	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	419.34	124.76
22 66 53 00-0156	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	525.24	139.34
22 66 53 00-0157	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	634.04	158.39
22 66 53 00-0158	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	681.02	163.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0159		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wyes** *(22 66 53 00-0102)*		
22 66 53 00-0160	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	383.67	130.38
22 66 53 00-0161	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	532.72	144.27
22 66 53 00-0162	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	682.64	172.16
22 66 53 00-0163	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	1,164.50	210.41
22 66 53 00-0164	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	4,465.47	341.76
22 66 53 00-0165		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wyes** *(22 66 53 00-0102)*		
22 66 53 00-0166	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	395.31	124.76
22 66 53 00-0167	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	425.09	133.94
22 66 53 00-0168	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	449.38	139.45
22 66 53 00-0169	EA	4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	501.89	153.10
22 66 53 00-0170	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	521.50	158.16
22 66 53 00-0171	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	628.95	163.09
22 66 53 00-0172	EA	6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	859.10	182.97
22 66 53 00-0173	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	1,022.02	187.46
22 66 53 00-0174	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	1,066.97	196.08
22 66 53 00-0175	EA	8" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	2,620.22	275.70
22 66 53 00-0176	EA	8" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	2,830.11	284.81
22 66 53 00-0177	EA	8" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	3,464.66	299.39
22 66 53 00-0178		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bends** *(22 66 53 00-0102)*		
22 66 53 00-0179	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	459.40	130.16
22 66 53 00-0180	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	548.17	143.93
22 66 53 00-0181	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	814.98	172.27
22 66 53 00-0182	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	1,269.04	210.63
22 66 53 00-0183		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bends** *(22 66 53 00-0102)*		
22 66 53 00-0184	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	379.29	124.76
22 66 53 00-0185	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	441.11	133.94
22 66 53 00-0186	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	489.19	139.34
22 66 53 00-0187	EA	4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	529.92	153.10
22 66 53 00-0188	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	614.01	158.39
22 66 53 00-0189	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	696.98	162.98
22 66 53 00-0190	EA	6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	911.09	182.97
22 66 53 00-0191	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	1,138.25	187.57
22 66 53 00-0192	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	1,247.68	196.41
22 66 53 00-0193		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducers** *(22 66 53 00-0102)*		
22 66 53 00-0194	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	234.97	81.95
22 66 53 00-0195	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	257.85	86.54
22 66 53 00-0196	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	288.79	91.13
22 66 53 00-0197	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	467.90	101.00
22 66 53 00-0198	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	490.83	105.71
22 66 53 00-0199	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	536.29	117.24
22 66 53 00-0200	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	697.90	126.20
22 66 53 00-0201	EA	8" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	1,013.17	170.94
22 66 53 00-0202	EA	8" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	1,078.96	185.40
22 66 53 00-0203		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increasers** *(22 66 53 00-0102)*		
22 66 53 00-0204	EA	2" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	631.37	191.32
22 66 53 00-0205	EA	2" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	839.64	191.32
22 66 53 00-0206	EA	3" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	858.33	191.32
22 66 53 00-0207	EA	4" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	972.67	261.47
22 66 53 00-0208		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Traps** *(22 66 53 00-0102)*		
22 66 53 00-0209	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	715.18	87.00
22 66 53 00-0210	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	864.39	95.72
22 66 53 00-0211	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	1,052.95	114.54
22 66 53 00-0212	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	3,130.46	140.53
22 66 53 00-0213		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hubs** *(22 66 53 00-0102)*		
22 66 53 00-0214	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	350.71	87.00
22 66 53 00-0215	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	443.85	95.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0216	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	612.38	114.54
22 66 53 00-0217	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	794.79	140.53
22 66 53 00-0218	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	1,551.63	196.08
22 66 53 00-0219		Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings *(22 66 53 00-0093)*		
		Note: Labor costs for installation of lead and oakum are included in the installation costs for fittings.		
22 66 53 00-0220	LB	Lead (1 Lb./Diameter Inch) Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings	6.73	
22 66 53 00-0221	LB	Seal-Tite Packing (1/8 Lb./Diameter Inch) Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings	73.43	
22 66 53 00-0222		Mechanical Joint High Silicon Iron Alloy Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings *(22 66 53)*		
		Note: ASTM A518.		
22 66 53 00-0223		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe *(22 66 53 00-0222)*		
22 66 53 00-0224	LF	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	96.19	7.69
22 66 53 00-0225	LF	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	109.48	8.50
22 66 53 00-0226	LF	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	151.12	10.67
22 66 53 00-0227	LF	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	190.74	12.39
22 66 53 00-0228		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Fittings *(22 66 53 00-0222)*		
22 66 53 00-0229		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweeps *(22 66 53 00-0228)*		
22 66 53 00-0230	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	351.73	60.94
22 66 53 00-0231	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	379.64	68.86
22 66 53 00-0232	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	522.38	75.98
22 66 53 00-0233	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	630.36	91.81
22 66 53 00-0234		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bends *(22 66 53 00-0228)*		
22 66 53 00-0235	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	195.53	60.94
22 66 53 00-0236	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	234.40	68.17
22 66 53 00-0237	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	302.50	76.21
22 66 53 00-0238	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	397.03	91.13
22 66 53 00-0239	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	228.71	64.39
22 66 53 00-0240		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bends *(22 66 53 00-0228)*		
22 66 53 00-0241	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	195.53	60.94
22 66 53 00-0242	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	234.40	68.17
22 66 53 00-0243	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	302.50	76.21
22 66 53 00-0244	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	397.03	91.13
22 66 53 00-0245		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bends *(22 66 53 00-0228)*		
22 66 53 00-0246	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	231.58	60.94
22 66 53 00-0247	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	290.47	68.17
22 66 53 00-0248	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	450.69	76.21
22 66 53 00-0249	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	505.17	91.13
22 66 53 00-0250		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bends *(22 66 53 00-0228)*		
22 66 53 00-0251	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	223.57	60.94
22 66 53 00-0252	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	266.44	68.17
22 66 53 00-0253	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	414.65	76.21
22 66 53 00-0254	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	469.13	91.13
22 66 53 00-0255		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Branch 1/4 Bends *(22 66 53 00-0228)*		
22 66 53 00-0256	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Branch 1/4 Bend	337.76	91.70
22 66 53 00-0257		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tees *(22 66 53 00-0228)*		
22 66 53 00-0258	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	273.68	91.70
22 66 53 00-0259	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	339.10	103.29
22 66 53 00-0260	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	448.94	115.11
22 66 53 00-0261	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	683.19	137.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0262		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tees** *(22 66 53 00-0228)*		
22 66 53 00-0263	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	317.26	99.40
22 66 53 00-0264	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	388.94	107.20
22 66 53 00-0265	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Sanitary Reducing Tee	414.65	110.98
22 66 53 00-0266	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	443.87	122.46
22 66 53 00-0267	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	489.19	125.91
22 66 53 00-0268	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	530.96	129.69
22 66 53 00-0269		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wyes** *(22 66 53 00-0228)*		
22 66 53 00-0270	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye	274.13	92.05
22 66 53 00-0271	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye	323.08	103.29
22 66 53 00-0272	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye	432.92	115.11
22 66 53 00-0273	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye	683.19	137.84
22 66 53 00-0274		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wyes** *(22 66 53 00-0228)*		
22 66 53 00-0275	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	306.00	99.97
22 66 53 00-0276	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	376.91	107.08
22 66 53 00-0277	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	395.12	111.33
22 66 53 00-0278	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	444.42	122.81
22 66 53 00-0279	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	490.23	126.59
22 66 53 00-0280	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	519.43	130.03
22 66 53 00-0281		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wyes** *(22 66 53 00-0228)*		
22 66 53 00-0282	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	412.07	122.57
22 66 53 00-0283	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	527.17	137.96
22 66 53 00-0284	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	677.40	152.65
22 66 53 00-0285	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	883.93	183.52
22 66 53 00-0286	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	455.00	129.80
22 66 53 00-0287	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	510.52	137.50
22 66 53 00-0288	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	610.09	145.08
22 66 53 00-0289	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	673.40	160.68
22 66 53 00-0290	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	813.77	168.83
22 66 53 00-0291		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Crosses** *(22 66 53 00-0228)*		
22 66 53 00-0292	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	460.06	122.57
22 66 53 00-0293	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	542.91	137.73
22 66 53 00-0294	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	782.82	153.45
22 66 53 00-0295	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	1,096.49	183.75
22 66 53 00-0296	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	494.99	129.80
22 66 53 00-0297	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	650.65	137.50
22 66 53 00-0298	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	686.10	145.08
22 66 53 00-0299	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	733.41	160.56
22 66 53 00-0300	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	937.03	168.14
22 66 53 00-0301		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bends** *(22 66 53 00-0228)*		
22 66 53 00-0302	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	305.26	91.36
22 66 53 00-0303	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	355.12	103.29
22 66 53 00-0304	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	432.92	115.11
22 66 53 00-0305	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	727.25	137.84
22 66 53 00-0306		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bends** *(22 66 53 00-0228)*		
22 66 53 00-0307	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	337.37	99.51
22 66 53 00-0308	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	377.36	107.43
22 66 53 00-0309	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	411.14	111.33
22 66 53 00-0310	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	560.57	122.81
22 66 53 00-0311	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	574.33	126.59
22 66 53 00-0312	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	643.59	130.03
22 66 53 00-0313		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bends** *(22 66 53 00-0228)*		
22 66 53 00-0314	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend	487.84	122.34
22 66 53 00-0315	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend	614.90	137.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0316	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend	890.14	152.99
22 66 53 00-0317	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend	1,069.05	184.09
22 66 53 00-0318		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bends** *(22 66 53 00-0228)*		
22 66 53 00-0319	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	531.03	129.80
22 66 53 00-0320	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	638.61	137.38
22 66 53 00-0321	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	666.08	145.08
22 66 53 00-0322	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	741.42	160.56
22 66 53 00-0323	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	937.03	168.14
22 66 53 00-0324		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducers-Increasers** *(22 66 53 00-0228)*		
22 66 53 00-0325	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	229.68	65.07
22 66 53 00-0326	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	259.44	68.86
22 66 53 00-0327	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	304.69	80.34
22 66 53 00-0328	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	362.75	76.32
22 66 53 00-0329	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	384.49	80.11
22 66 53 00-0330	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	406.24	83.90
22 66 53 00-0331		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tees** *(22 66 53 00-0228)*		
22 66 53 00-0332	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	212.51	53.59
22 66 53 00-0333	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	247.07	60.60
22 66 53 00-0334	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	291.07	68.64
22 66 53 00-0335	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	533.83	83.56
22 66 53 00-0336		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plugs** *(22 66 53 00-0228)*		
22 66 53 00-0337	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	93.76	30.53
22 66 53 00-0338	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	111.19	34.09
22 66 53 00-0339	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	121.21	38.11
22 66 53 00-0340	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	156.46	45.56
22 66 53 00-0341		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Traps** *(22 66 53 00-0228)*		
22 66 53 00-0342	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	391.26	60.60
22 66 53 00-0343	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	402.62	68.17
22 66 53 00-0344	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	498.75	76.21
22 66 53 00-0345	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	637.34	91.13
22 66 53 00-0346	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	546.23	65.19
22 66 53 00-0347	EA	2" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	753.97	72.76
22 66 53 00-0348	EA	3" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	913.43	80.34
22 66 53 00-0349	EA	4" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	1,136.73	95.72
22 66 53 00-0350		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum Traps** *(22 66 53 00-0228)*		
22 66 53 00-0351	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum P-Trap	732.52	69.21
22 66 53 00-0352	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum P-Trap	1,160.12	76.55
22 66 53 00-0353	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum S-Trap	764.15	68.86
22 66 53 00-0354	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum S-Trap	1,160.12	76.55
22 66 53 00-0355		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Traps** *(22 66 53 00-0228)*		
22 66 53 00-0356	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Short P-Trap	680.04	68.86
22 66 53 00-0357	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Short P-Trap	799.66	76.55
22 66 53 00-0358	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long P-Trap	788.18	68.86
22 66 53 00-0359	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long S-Trap	1,740.87	76.55
22 66 53 00-0360	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long S-Trap	1,031.96	76.55
22 66 53 00-0361		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bends** *(22 66 53 00-0228)*		
22 66 53 00-0362	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bend	280.05	61.29
22 66 53 00-0363	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bend	367.63	68.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0364		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapters** *(22 66 53 00-0228)*		
22 66 53 00-0365	EA	1-1/2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter	140.95	45.91
22 66 53 00-0366	EA	1-1/2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter	262.84	49.81
22 66 53 00-0367	EA	2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter	190.21	57.39
22 66 53 00-0368		**Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter** *(22 66 53 00-0228)*		
22 66 53 00-0369	EA	1-1/2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	266.19	65.30
22 66 53 00-0370	EA	1-1/2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	291.48	68.86
22 66 53 00-0371	EA	1-1/2" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	325.26	72.65
22 66 53 00-0372	EA	1-1/2" x 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	348.44	80.11
22 66 53 00-0373	EA	2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	325.31	72.76
22 66 53 00-0374	EA	2" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	343.00	76.55
22 66 53 00-0375	EA	2" x 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	370.19	83.90
22 66 53 00-0376	EA	3" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	420.90	80.34
22 66 53 00-0377	EA	4" x 4" Mechanical Joint High Silicon Iron Alloy Hub To Mechanical Joint Adapter	519.95	95.72
22 66 53 00-0378		**Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings** *(22 66 53 00-0228)*		
22 66 53 00-0379	EA	1-1/2" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting	96.12	
22 66 53 00-0380	EA	2" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting	112.14	
22 66 53 00-0381	EA	3" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting	120.15	
22 66 53 00-0382	EA	4" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting	132.17	
22 66 53 00-0383		**Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Fittings** *(22 66 53 00-0228)*		
22 66 53 00-0384	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Outlet	706.76	30.65
22 66 53 00-0385	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Stopper	267.27	15.26
22 66 53 00-0386	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Overflow	499.57	15.26
22 66 53 00-0387		**Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drains With Stainless Steel Strainer Plates** *(22 66 53 00-0228)*		
22 66 53 00-0388	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drain With Stainless Steel Strainer	2,528.49	153.10
22 66 53 00-0389	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Sediment Basin Floor Drain With Stainless Steel Strainer	3,124.72	160.79
22 66 53 00-0390	EA	Stainless Steel Funnel Attachment For Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drain	2,113.63	15.26
22 66 53 00-0391		**Chlorinated Polyvinyl Chloride (CPVC) Drain-Waste-Vent (DWV) Pipe And Fittings (ASTM F2618)** *(22 66 53)*		
22 66 53 00-0392		**Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe** *(22 66 53 00-0391)*		
		Note: Excludes fittings or hangers.		
22 66 53 00-0393	LF	1-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe	13.76	4.82
22 66 53 00-0394	LF	2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe	17.50	5.74
22 66 53 00-0395	LF	3" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe	28.41	8.27
22 66 53 00-0396	LF	4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe	36.19	8.95
22 66 53 00-0397	LF	6" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe	57.93	11.19
22 66 53 00-0398	LF	8" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe	127.05	14.89
22 66 53 00-0399		**Chlorinated Polyvinyl Chloride (CPVC) DWV Fittings** *(22 66 53 00-0391)*		
22 66 53 00-0400		**Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends** *(22 66 53 00-0399)*		
22 66 53 00-0401	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends	53.92	19.17
		Note: 0.125		
		For Work In Restricted Working Space, Add	*8.61*	
22 66 53 00-0402	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends	68.05	24.45
		Note: 0.16		
		For Work In Restricted Working Space, Add	*11.02*	
22 66 53 00-0403	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends	102.56	32.82
		Note: 0.215		
		For Work In Restricted Working Space, Add	*14.81*	
22 66 53 00-0404	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends	142.03	38.22
		Note: 0.25		
		For Work In Restricted Working Space, Add	*17.22*	
22 66 53 00-0405	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends	293.63	49.70
		Note: 0.325		
		For Work In Restricted Working Space, Add	*22.38*	
22 66 53 00-0406	EA	8" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends	405.71	66.92
		Note: 0.438		
		For Work In Restricted Working Space, Add	*30.13*	
22 66 53 00-0407		**Chlorinated Polyvinyl Chloride (CPVC) DWV Long Sweep 1/4 Bends** *(22 66 53 00-0399)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0408	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Long Sweep 1/4 Bends	54.79	19.17
		For Work In Restricted Working Space, Add	*8.61*	
22 66 53 00-0409	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Long Sweep 1/4 Bends	72.29	24.45
		For Work In Restricted Working Space, Add	*11.02*	
22 66 53 00-0410	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Long Sweep 1/4 Bends	110.21	32.82
		For Work In Restricted Working Space, Add	*14.81*	
22 66 53 00-0411	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Long Sweep 1/4 Bends	144.83	38.22
		For Work In Restricted Working Space, Add	*17.22*	
22 66 53 00-0412		**Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends** *(22 66 53 00-0399)*		
22 66 53 00-0413	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends	53.48	19.17
		For Work In Restricted Working Space, Add	*8.61*	
22 66 53 00-0414	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends	66.91	24.45
		For Work In Restricted Working Space, Add	*11.02*	
22 66 53 00-0415	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends	104.75	32.82
		For Work In Restricted Working Space, Add	*14.81*	
22 66 53 00-0416	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends	120.17	38.22
		For Work In Restricted Working Space, Add	*17.22*	
22 66 53 00-0417	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends	257.95	49.70
		For Work In Restricted Working Space, Add	*22.38*	
22 66 53 00-0418	EA	8" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends	364.80	66.92
		For Work In Restricted Working Space, Add	*30.13*	
22 66 53 00-0419		**Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends** *(22 66 53 00-0399)*		
22 66 53 00-0420	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends	53.97	19.17
		For Work In Restricted Working Space, Add	*8.61*	
22 66 53 00-0421	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends	66.87	24.45
		For Work In Restricted Working Space, Add	*11.02*	
22 66 53 00-0422	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends	103.84	32.82
		For Work In Restricted Working Space, Add	*14.81*	
22 66 53 00-0423	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends	127.29	38.22
		For Work In Restricted Working Space, Add	*17.22*	
22 66 53 00-0424	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends	214.36	49.70
		For Work In Restricted Working Space, Add	*22.38*	
22 66 53 00-0425	EA	8" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends	244.53	66.92
		For Work In Restricted Working Space, Add	*30.13*	
22 66 53 00-0426		**Chlorinated Polyvinyl Chloride (CPVC) DWV Double 1/4 Bends** *(22 66 53 00-0399)*		
22 66 53 00-0427	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double 1/4 Bends	280.76	49.36
		For Work In Restricted Working Space, Add	*22.21*	
22 66 53 00-0428	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double 1/4 Bends	216.80	36.73
		For Work In Restricted Working Space, Add	*16.53*	
22 66 53 00-0429	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double 1/4 Bends	135.56	28.70
		For Work In Restricted Working Space, Add	*12.91*	
22 66 53 00-0430		**Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees** *(22 66 53 00-0399)*		
22 66 53 00-0431	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees	74.36	28.70
		For Work In Restricted Working Space, Add	*12.91*	
22 66 53 00-0432	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees	92.61	36.73
		For Work In Restricted Working Space, Add	*16.53*	
22 66 53 00-0433	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees	149.11	49.36
		For Work In Restricted Working Space, Add	*22.21*	
22 66 53 00-0434	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees	198.56	57.39
		For Work In Restricted Working Space, Add	*25.82*	
22 66 53 00-0435	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees	486.82	74.49
		For Work In Restricted Working Space, Add	*33.57*	
22 66 53 00-0436	EA	8" Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees	673.07	100.31
		For Work In Restricted Working Space, Add	*45.19*	
22 66 53 00-0437		**Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees** *(22 66 53 00-0399)*		
22 66 53 00-0438	EA	2" x 1-1/2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees	84.51	31.33
		For Work In Restricted Working Space, Add	*14.12*	
22 66 53 00-0439	EA	2" x 1-1/2" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees	90.23	33.97
		For Work In Restricted Working Space, Add	*15.32*	
22 66 53 00-0440	EA	2" x 2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees	88.53	33.97
		For Work In Restricted Working Space, Add	*15.32*	
22 66 53 00-0441	EA	3" x 3" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees	128.88	42.47
		For Work In Restricted Working Space, Add	*19.11*	
22 66 53 00-0442	EA	3" x 3" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees	137.80	45.11
		For Work In Restricted Working Space, Add	*20.32*	
22 66 53 00-0443	EA	4" x 4" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees	176.25	50.50
		For Work In Restricted Working Space, Add	*22.73*	
22 66 53 00-0444	EA	4" x 4" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees	187.06	54.63
		For Work In Restricted Working Space, Add	*24.62*	
22 66 53 00-0445	EA	6" x 6" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees	365.83	68.75
		For Work In Restricted Working Space, Add	*30.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0446	EA	8" x 8" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees	813.75	85.96
		For Work In Restricted Working Space, Add	*38.74*	

22 66 53 00-0447 Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tees *(22 66 53 00-0399)*

22 66 53 00-0448	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tees	104.59	38.22
		For Work In Restricted Working Space, Add	*17.22*	
22 66 53 00-0449	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tees	129.11	48.89
		For Work In Restricted Working Space, Add	*22.04*	
22 66 53 00-0450	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tees	173.13	65.77
		For Work In Restricted Working Space, Add	*29.61*	
22 66 53 00-0451	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tees	214.11	76.44
		For Work In Restricted Working Space, Add	*34.43*	

22 66 53 00-0452 Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Double Sanitary Tees *(22 66 53 00-0399)*

22 66 53 00-0453	EA	2" x 2" x 1-1/2" x 1-1/2 Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tee	127.59	43.62
		For Work In Restricted Working Space, Add	*19.63*	
22 66 53 00-0454	EA	3" x 3" x 1-1/2" x 1-1/2 Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tee	152.35	51.99
		For Work In Restricted Working Space, Add	*23.41*	
22 66 53 00-0455	EA	3" x 3" x 2" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tee	190.69	57.39
		For Work In Restricted Working Space, Add	*25.82*	
22 66 53 00-0456	EA	4" x 4" x 2" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tee	174.83	62.67
		For Work In Restricted Working Space, Add	*28.23*	
22 66 53 00-0457	EA	4" x 4" x 3" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tee	195.87	71.04
		For Work In Restricted Working Space, Add	*32.02*	

22 66 53 00-0458 Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers *(22 66 53 00-0399)*

22 66 53 00-0459	EA	2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers	71.26	21.81
		For Work In Restricted Working Space, Add	*9.81*	
22 66 53 00-0460	EA	3" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers	79.72	25.94
		For Work In Restricted Working Space, Add	*11.71*	
22 66 53 00-0461	EA	3" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers	124.44	28.70
		For Work In Restricted Working Space, Add	*12.91*	
22 66 53 00-0462	EA	4" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers	136.51	31.33
		For Work In Restricted Working Space, Add	*14.12*	
22 66 53 00-0463	EA	4" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers	150.97	35.58
		For Work In Restricted Working Space, Add	*16.01*	
22 66 53 00-0464	EA	6" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers	201.94	41.32
		For Work In Restricted Working Space, Add	*18.59*	
22 66 53 00-0465	EA	6" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers	231.04	43.96
		For Work In Restricted Working Space, Add	*19.80*	

22 66 53 00-0466 Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushings *(22 66 53 00-0399)*

22 66 53 00-0467	EA	2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing	53.71	21.81
		For Work In Restricted Working Space, Add	*9.81*	
22 66 53 00-0468	EA	3" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing	61.23	25.94
		For Work In Restricted Working Space, Add	*11.71*	
22 66 53 00-0469	EA	3" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing	67.24	28.70
		For Work In Restricted Working Space, Add	*12.91*	
22 66 53 00-0470	EA	4" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing	100.78	31.33
		For Work In Restricted Working Space, Add	*14.12*	
22 66 53 00-0471	EA	4" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing	108.33	35.58
		For Work In Restricted Working Space, Add	*16.01*	
22 66 53 00-0472	EA	6" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing	162.81	41.32
		For Work In Restricted Working Space, Add	*18.59*	
22 66 53 00-0473	EA	6" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing	162.16	43.96
		For Work In Restricted Working Space, Add	*19.80*	
22 66 53 00-0474	EA	8" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing	428.46	52.57
		For Work In Restricted Working Space, Add	*23.69*	
22 66 53 00-0475	EA	8" x 6" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing	452.19	58.31
		For Work In Restricted Working Space, Add	*26.27*	

22 66 53 00-0476 Chlorinated Polyvinyl Chloride (CPVC) DWV P-Traps *(22 66 53 00-0399)*

22 66 53 00-0477	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV P-Traps	92.22	28.70
		For Work In Restricted Working Space, Add	*12.91*	
22 66 53 00-0478	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV P-Traps	123.70	36.73
		For Work In Restricted Working Space, Add	*16.53*	
22 66 53 00-0479	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV P-Traps	198.57	49.36
		For Work In Restricted Working Space, Add	*22.21*	
22 66 53 00-0480	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV P-Traps	307.46	57.39
		For Work In Restricted Working Space, Add	*25.82*	

22 66 53 00-0481 Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes *(22 66 53 00-0399)*

22 66 53 00-0482	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes	74.97	28.70
		For Work In Restricted Working Space, Add	*12.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0483	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes	99.88	36.73
		For Work In Restricted Working Space, Add	*16.53*	
22 66 53 00-0484	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes	153.86	49.36
		For Work In Restricted Working Space, Add	*22.21*	
22 66 53 00-0485	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes	202.45	57.39
		For Work In Restricted Working Space, Add	*25.82*	
22 66 53 00-0486	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes	407.33	74.49
		For Work In Restricted Working Space, Add	*33.57*	
22 66 53 00-0487	EA	8" Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes	472.19	100.31
		For Work In Restricted Working Space, Add	*45.19*	
22 66 53 00-0488		**Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes** *(22 66 53 00-0399)*		
22 66 53 00-0489	EA	2" x 1-1/2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	81.97	31.33
		For Work In Restricted Working Space, Add	*14.12*	
22 66 53 00-0490	EA	2" x 2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	95.87	33.97
		For Work In Restricted Working Space, Add	*15.32*	
22 66 53 00-0491	EA	3" x 3" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	132.44	42.47
		For Work In Restricted Working Space, Add	*19.11*	
22 66 53 00-0492	EA	3" x 3" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	142.14	45.11
		For Work In Restricted Working Space, Add	*20.32*	
22 66 53 00-0493	EA	4" x 4" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	145.61	47.74
		For Work In Restricted Working Space, Add	*21.52*	
22 66 53 00-0494	EA	4" x 4" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	182.86	50.50
		For Work In Restricted Working Space, Add	*22.73*	
22 66 53 00-0495	EA	4" x 4" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	193.77	54.63
		For Work In Restricted Working Space, Add	*24.62*	
22 66 53 00-0496	EA	6" x 6" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	295.13	68.75
		For Work In Restricted Working Space, Add	*30.99*	
22 66 53 00-0497	EA	8" x 8" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	352.59	85.96
		For Work In Restricted Working Space, Add	*38.74*	
22 66 53 00-0498	EA	8" x 8" x 6" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	386.44	91.70
		For Work In Restricted Working Space, Add	*41.32*	
22 66 53 00-0499		**Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes** *(22 66 53 00-0399)*		
22 66 53 00-0500	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes	117.31	38.22
		For Work In Restricted Working Space, Add	*17.22*	
22 66 53 00-0501	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes	136.79	48.89
		For Work In Restricted Working Space, Add	*22.04*	
22 66 53 00-0502	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes	213.20	65.77
		For Work In Restricted Working Space, Add	*29.61*	
22 66 53 00-0503	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes	375.98	76.44
		For Work In Restricted Working Space, Add	*34.43*	
22 66 53 00-0504	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes	603.46	99.40
		For Work In Restricted Working Space, Add	*44.76*	
22 66 53 00-0505		**Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Double Wyes** *(22 66 53 00-0399)*		
22 66 53 00-0506	EA	2" x 2" x 1-1/2" x 1-1/2 Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes	160.47	43.62
		For Work In Restricted Working Space, Add	*19.63*	
22 66 53 00-0507	EA	3" x 3" x 2" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes	203.03	57.39
		For Work In Restricted Working Space, Add	*25.82*	
22 66 53 00-0508	EA	4" x 4" x 3" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes	338.13	71.04
		For Work In Restricted Working Space, Add	*32.02*	
22 66 53 00-0509	EA	6" x 6" x 4" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes	493.58	87.92
		For Work In Restricted Working Space, Add	*39.60*	
22 66 53 00-0510		**Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends** *(22 66 53 00-0399)*		
22 66 53 00-0511	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	84.73	28.70
		For Work In Restricted Working Space, Add	*12.91*	
22 66 53 00-0512	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	110.72	36.73
		For Work In Restricted Working Space, Add	*16.53*	
22 66 53 00-0513	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	162.83	49.36
		For Work In Restricted Working Space, Add	*22.21*	
22 66 53 00-0514	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	212.22	57.39
		For Work In Restricted Working Space, Add	*25.82*	
22 66 53 00-0515	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	452.83	74.49
		For Work In Restricted Working Space, Add	*33.57*	
22 66 53 00-0516	EA	8" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	777.94	100.31
		For Work In Restricted Working Space, Add	*45.19*	
22 66 53 00-0517		**Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Combination Wye And 1/8 Bends** *(22 66 53 00-0399)*		
22 66 53 00-0518	EA	2" x 1-1/2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	81.74	31.33
		For Work In Restricted Working Space, Add	*14.12*	
22 66 53 00-0519	EA	2" x 2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	101.17	33.97
		For Work In Restricted Working Space, Add	*15.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0520	EA	3" x 3" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	137.58	42.47
		For Work In Restricted Working Space, Add	*19.11*	
22 66 53 00-0521	EA	3" x 3" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	147.74	45.11
		For Work In Restricted Working Space, Add	*20.32*	
22 66 53 00-0522	EA	4" x 4" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	186.56	50.50
		For Work In Restricted Working Space, Add	*22.73*	
22 66 53 00-0523	EA	4" x 4" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	198.32	54.63
		For Work In Restricted Working Space, Add	*24.62*	
22 66 53 00-0524	EA	6" x 6" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	357.34	66.11
		For Work In Restricted Working Space, Add	*29.78*	
22 66 53 00-0525	EA	6" x 6" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	371.29	68.75
		For Work In Restricted Working Space, Add	*30.99*	

22 66 53 00-0526 Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends *(22 66 53 00-0399)*

22 66 53 00-0527	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	125.08	38.22
		For Work In Restricted Working Space, Add	*17.22*	
22 66 53 00-0528	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	183.42	48.89
		For Work In Restricted Working Space, Add	*22.04*	
22 66 53 00-0529	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	287.71	65.77
		For Work In Restricted Working Space, Add	*29.61*	
22 66 53 00-0530	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	472.94	76.44
		For Work In Restricted Working Space, Add	*34.43*	
22 66 53 00-0531	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	648.28	99.40
		For Work In Restricted Working Space, Add	*44.76*	

22 66 53 00-0532 Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Double Combination Wye And 1/8 Bends *(22 66 53 00-0399)*

22 66 53 00-0533	EA	2" x 2" x 1-1/2" x 1-1/2 Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	160.48	43.62
		For Work In Restricted Working Space, Add	*19.63*	
22 66 53 00-0534	EA	3" x 3" x 2" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	244.53	57.39
		For Work In Restricted Working Space, Add	*25.82*	
22 66 53 00-0535	EA	4" x 4" x 2" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	292.54	62.67
		For Work In Restricted Working Space, Add	*28.23*	
22 66 53 00-0536	EA	4" x 4" x 3" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	305.17	71.04
		For Work In Restricted Working Space, Add	*32.02*	
22 66 53 00-0537	EA	6" x 6" x 3" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	383.11	82.52
		For Work In Restricted Working Space, Add	*37.19*	
22 66 53 00-0538	EA	6" x 6" x 4" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	427.74	87.92
		For Work In Restricted Working Space, Add	*39.60*	

22 66 53 00-0539 Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Tees With Plug *(22 66 53 00-0399)*

22 66 53 00-0540	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Tees	80.35	28.70
		For Work In Restricted Working Space, Add	*12.91*	
22 66 53 00-0541	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Tees	96.30	36.73
		For Work In Restricted Working Space, Add	*16.53*	
22 66 53 00-0542	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Tees	160.43	49.36
		For Work In Restricted Working Space, Add	*22.21*	
22 66 53 00-0543	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Tees	203.76	57.39
		For Work In Restricted Working Space, Add	*25.82*	
22 66 53 00-0544	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Tees	429.71	74.49
		For Work In Restricted Working Space, Add	*33.57*	
22 66 53 00-0545	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Plug	19.99	9.52
		For Work In Restricted Working Space, Add	*4.31*	
22 66 53 00-0546	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Plug	24.53	12.16
		For Work In Restricted Working Space, Add	*5.51*	
22 66 53 00-0547	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Plug	35.46	16.41
		For Work In Restricted Working Space, Add	*7.40*	
22 66 53 00-0548	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Plug	40.78	19.05
		For Work In Restricted Working Space, Add	*8.61*	
22 66 53 00-0549	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Plug	65.49	24.79
		For Work In Restricted Working Space, Add	*11.19*	

22 66 53 00-0550 Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug *(22 66 53 00-0399)*

22 66 53 00-0551	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug	45.01	19.17
		For Work In Restricted Working Space, Add	*8.61*	
22 66 53 00-0552	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug	55.96	24.45
		For Work In Restricted Working Space, Add	*11.02*	
22 66 53 00-0553	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug	84.85	32.82
		For Work In Restricted Working Space, Add	*14.81*	
22 66 53 00-0554	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug	118.43	38.22
		For Work In Restricted Working Space, Add	*17.22*	
22 66 53 00-0555	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug	180.19	49.70
		For Work In Restricted Working Space, Add	*22.38*	
22 66 53 00-0556	EA	8" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug	310.68	66.92
		For Work In Restricted Working Space, Add	*30.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0557		Chlorinated Polyvinyl Chloride (CPVC) Couplings *(22 66 53 00-0399)*		
22 66 53 00-0558	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) Couplings	48.40	19.17
		For Work In Restricted Working Space, Add	*8.61*	
22 66 53 00-0559	EA	2" Chlorinated Polyvinyl Chloride (CPVC) Couplings	61.32	24.45
		For Work In Restricted Working Space, Add	*11.02*	
22 66 53 00-0560	EA	3" Chlorinated Polyvinyl Chloride (CPVC) Couplings	80.82	32.82
		For Work In Restricted Working Space, Add	*14.81*	
22 66 53 00-0561	EA	4" Chlorinated Polyvinyl Chloride (CPVC) Couplings	102.16	38.22
		For Work In Restricted Working Space, Add	*17.22*	
22 66 53 00-0562	EA	6" Chlorinated Polyvinyl Chloride (CPVC) Couplings	145.56	49.70
		For Work In Restricted Working Space, Add	*22.38*	
22 66 53 00-0563	EA	8" Chlorinated Polyvinyl Chloride (CPVC) Couplings	291.89	66.92
		For Work In Restricted Working Space, Add	*30.16*	
22 66 53 00-0564		Chlorinated Polyvinyl Chloride (CPVC) Female Adapters *(22 66 53 00-0399)*		
22 66 53 00-0565	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) Female Adapters	29.85	9.52
22 66 53 00-0566	EA	2" Chlorinated Polyvinyl Chloride (CPVC) Female Adapters	39.47	12.28
22 66 53 00-0567	EA	3" Chlorinated Polyvinyl Chloride (CPVC) Female Adapters	59.51	16.41
22 66 53 00-0568	EA	4" Chlorinated Polyvinyl Chloride (CPVC) Female Adapters	95.66	19.17
22 66 53 00-0569	EA	6" Chlorinated Polyvinyl Chloride (CPVC) Female Adapters	149.47	24.79
22 66 53 00-0570		Chlorinated Polyvinyl Chloride (CPVC) Male Adapters *(22 66 53 00-0399)*		
22 66 53 00-0571	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) Male Adapters	32.91	9.52
22 66 53 00-0572	EA	2" Chlorinated Polyvinyl Chloride (CPVC) Male Adapters	46.21	12.28
22 66 53 00-0573	EA	3" Chlorinated Polyvinyl Chloride (CPVC) Male Adapters	55.18	16.41
22 66 53 00-0574	EA	4" Chlorinated Polyvinyl Chloride (CPVC) Male Adapters	92.28	19.17
22 66 53 00-0575	EA	6" Chlorinated Polyvinyl Chloride (CPVC) Male Adapters	123.13	24.79
22 66 53 00-0576		Chlorinated Polyvinyl Chloride (CPVC) Caps *(22 66 53 00-0399)*		
22 66 53 00-0577	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cap	29.67	9.52
22 66 53 00-0578	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cap	36.69	12.28
22 66 53 00-0579	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Cap	56.36	16.41
22 66 53 00-0580	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Cap	93.28	19.17
22 66 53 00-0581	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Cap	119.14	24.79
22 66 53 00-0582	EA	8" Chlorinated Polyvinyl Chloride (CPVC) DWV Cap	185.23	33.52
22 66 83		**Chemical-Waste Tanks** *(22 66)*		
22 66 83 16		**Chemical-Waste Neutralization Tanks** *(22 66 83)*		
22 66 83 16-0001		Acid Neutralization Tank *(22 66 83 16)*		
22 66 83 16-0002		Polyethylene Acid Neutralization Tank *(22 66 83 16-0001)*		
22 66 83 16-0003	EA	5 Gallon Capacity Polyethylene Acid Neutralization Tank	596.87	233.71
22 66 83 16-0004	EA	15 Gallon Capacity Polyethylene Acid Neutralization Tank	1,089.95	324.07
22 66 83 16-0005	EA	30 Gallon Capacity Polyethylene Acid Neutralization Tank	1,350.62	467.41
22 66 83 16-0006	EA	55 Gallon Capacity Polyethylene Acid Neutralization Tank	1,732.16	623.22
22 66 83 16-0007	EA	100 Gallon Capacity Polyethylene Acid Neutralization Tank	2,228.48	747.86
22 66 83 16-0008	EA	150 Gallon Capacity Polyethylene Acid Neutralization Tank	3,055.41	934.83
22 66 83 16-0009	EA	200 Gallon Capacity Polyethylene Acid Neutralization Tank	3,519.15	1,168.54
22 66 83 16-0010	EA	275 Gallon Capacity Polyethylene Acid Neutralization Tank	4,579.53	1,402.24
22 66 83 16-0011	EA	350 Gallon Capacity Polyethylene Acid Neutralization Tank	5,191.18	1,682.69
22 66 83 16-0012		Polypropylene Acid Neutralization Tank *(22 66 83 16-0001)*		
22 66 83 16-0013	EA	5 Gallon Capacity Polypropylene Acid Neutralization Tank	996.22	233.71
22 66 83 16-0014	EA	15 Gallon Capacity Polypropylene Acid Neutralization Tank	1,722.25	324.07
22 66 83 16-0015	EA	30 Gallon Capacity Polypropylene Acid Neutralization Tank	2,797.51	467.41
22 66 83 16-0016	EA	55 Gallon Capacity Polypropylene Acid Neutralization Tank	3,686.34	623.22
22 66 83 16-0017	EA	100 Gallon Capacity Polypropylene Acid Neutralization Tank	4,668.51	747.86
22 66 83 16-0018	EA	150 Gallon Capacity Polypropylene Acid Neutralization Tank	5,209.04	934.83
22 66 83 16-0019	EA	200 Gallon Capacity Polypropylene Acid Neutralization Tank	5,663.28	1,168.54
22 66 83 16-0020	EA	275 Gallon Capacity Polypropylene Acid Neutralization Tank	8,323.45	1,402.24
22 66 83 16-0021	EA	350 Gallon Capacity Polypropylene Acid Neutralization Tank	8,985.01	1,682.69
22 66 83 16-0022		Chemical Dilution Trap *(22 66 83 16)*		
22 66 83 16-0023	EA	1 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	549.45	77.91
22 66 83 16-0024	EA	1-1/2 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	567.37	77.91
22 66 83 16-0025	EA	2 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	585.29	77.91
22 66 83 16-0026	EA	5 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	640.17	93.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

END OF SECTION 22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 Heating, Ventilating, and Air-Conditioning (HVAC)

Note: Where required, mechanical equipment excludes electrical connection unless title states otherwise. HVAC equipment shall conform to California Title 24.

23 01 Operation and Maintenance of HVAC Systems *(23)*

23 01 10 Operation and Maintenance of Facility Fuel Systems *(23 01)*

23 01 10 91 Facility Fuel Systems Restoration *(23 01 10)*

23 01 10 91-0001 AQMD Permit Costs *(23 01 10 91)*

23 01 10 91-0002	EA	Processing Fee - 5 To 20 Million	10,323.97
23 01 10 91-0003	EA	Processing Fee - 5 To 20 Million, Duplicate (Same Model Number)	5,161.99
23 01 10 91-0004	EA	Permit To Operate - 5 To 20 Million, (Annual Fee)	2,044.41
23 01 10 91-0005	EA	Processing Fee - 2 To 5 Million	4,009.74
23 01 10 91-0006	EA	Processing Fee - 2 To 5 Million, Duplicate (Same Model Number)	2,004.87
23 01 10 91-0007	EA	Permit To Operate - 2 To 5 Million, (Annual Fee)	607.48

23 01 10 91-0008 Purge Gas Systems *(23 01 10 91)*

Note: Includes collection and refilling/bleeding of system. For natural gas, flammable gases and other gases that should not be released inside the building. See CSI section 23 01 60 71-0001 for refrigerant.

23 01 10 91-0009	EA	Up To 100', Up To 1-1/2" Diameter Pipe, Purge Gas Systems	575.84
23 01 10 91-0010	EA	>100' To 250', Up To 1-1/2" Diameter Pipe, Purge Gas Systems	822.61
23 01 10 91-0011	EA	>250' To 500', Up To 1-1/2" Diameter Pipe, Purge Gas Systems	864.08
23 01 10 91-0012	EA	>500' To 1,000', Up To 1-1/2" Diameter Pipe, Purge Gas Systems	953.46
23 01 10 91-0013	EA	>1,000' To 2,000', Up To 1-1/2" Diameter Pipe, Purge Gas Systems	1,727.04
23 01 10 91-0014	EA	Up To 100', >1-/2" To 4" Diameter Pipe, Purge Gas Systems	774.67
23 01 10 91-0015	EA	>100' To 250', >1-/2" To 4" Diameter Pipe, Purge Gas Systems	1,113.85
23 01 10 91-0016	EA	>250' To 500', >1-/2" To 4" Diameter Pipe, Purge Gas Systems	1,180.76
23 01 10 91-0017	EA	>500' To 1,000', >1-/2" To 4" Diameter Pipe, Purge Gas Systems	1,553.68
23 01 10 91-0018	EA	>1,000' To 2,000', >1-/2" To 4" Diameter Pipe, Purge Gas Systems	2,408.23
23 01 10 91-0019	EA	Up To 100', >4" To 10" Diameter Pipe, Purge Gas Systems	921.34
23 01 10 91-0020	EA	>100' To 250', >4" To 10" Diameter Pipe, Purge Gas Systems	1,360.55
23 01 10 91-0021	EA	>250' To 500', >4" To 10" Diameter Pipe, Purge Gas Systems	3,132.19
23 01 10 91-0022	EA	>500' To 1,000', >4" To 10" Diameter Pipe, Purge Gas Systems	4,901.90
23 01 10 91-0023	EA	>1,000' To 2,000', >4" To 10" Diameter Pipe, Purge Gas Systems	9,217.35

23 01 20 Operation and Maintenance of HVAC Piping and Pumps *(23 01)*

23 01 20 91 HVAC Piping and Pumps Restoration *(23 01 20)*

See CSI section 22 01 10 61-0001 for pipe repair clamps, 22 01 10 61-0074 for repair and tape HVAC pipe insulation seam.

23 01 20 91-0001 Lock Out/Tag Out System *(23 01 20 91)*

23 01 20 91-0002	EA	Up To 1" Diameter Valve, Lock Out/Tag Out Valve Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	31.16
23 01 20 91-0003	EA	>1" To 3" Diameter Valve, Lock Out/Tag Out Valve Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	37.40
23 01 20 91-0004	EA	>3" To 6" Diameter Valve, Lock Out/Tag Out Valve Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	43.63
23 01 20 91-0005	EA	>6" To 10" Diameter Valve, Lock Out/Tag Out Valve Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	49.86
23 01 20 91-0006	EA	>10" To 14" Diameter Valve, Lock Out/Tag Out Valve Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	62.33
23 01 20 91-0007	EA	Lock Out Padlock	12.47
23 01 20 91-0008	EA	Lock Out Tags	4.92

23 01 20 91-0009 Freeze Pipe Using CO2 Kit *(23 01 20 91)*

Note: For use on chilled water or cold water piping systems. Excludes cutting existing pipe, and installation of valve or fittings.

23 01 20 91-0010	EA	Up To 2" Diameter Pipe, Freeze Pipe Using CO2 Kit	388.42

23 01 20 91-0011 Pipe Freezing *(23 01 20 91)*

Note: For use on any water piping systems. Excludes excavation, cutting existing pipe, and installation of valve or fittings.

23 01 20 91-0012	EA	Up To 1" Diameter, Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	694.43
23 01 20 91-0013	EA	Up To 1" Diameter, Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	375.79
23 01 20 91-0014	EA	>1" To 1-1/2" Diameter, Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	839.02
23 01 20 91-0015	EA	>1" To 1-1/2" Diameter, Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	433.70
23 01 20 91-0016	EA	>1-1/2" To 2" Diameter, Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	1,148.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 20 91-0017	EA	>1-1/2" To 2" Diameter, Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	491.76	
23 01 20 91-0018	EA	>2" To 3" Diameter, Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	1,309.94	
23 01 20 91-0019	EA	>2" To 3" Diameter, Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	577.72	
23 01 20 91-0020	EA	>3" To 4" Diameter, Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	1,908.68	
23 01 20 91-0021	EA	>3" To 4" Diameter, Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	667.13	
23 01 20 91-0022	EA	>4" To 6" Diameter, Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	3,898.40	
23 01 20 91-0023	EA	>4" To 6" Diameter, Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	872.12	
23 01 20 91-0024	EA	>6" To 8" Diameter, Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	5,186.27	
23 01 20 91-0025	EA	>6" To 8" Diameter, Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	1,277.53	
23 01 20 91-0026	EA	>8" To 10" Diameter, Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	7,147.98	
23 01 20 91-0027	EA	>8" To 10" Diameter, Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	1,736.83	
23 01 20 91-0028	EA	>10" To 12" Diameter, Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	9,196.01	
23 01 20 91-0029	EA	>10" To 12" Diameter, Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	2,249.43	

23 01 20 91-0030 Water/Chlorine Pipe Disinfection/Flush/Testing *(23 01 20 91)*

Note: For existing piping when required. Water/chlorine solution per specification entitled "Water Distribution".

23 01 20 91-0031	LF	Up To 1", Water/Chlorine Pipe Disinfection/Flush/Testing	2.00	
		For >250 To 500, Deduct	*-0.18*	
		For >500 To 2,000, Deduct	*-0.37*	
		For >2,000, Deduct	*-0.57*	
23 01 20 91-0032	LF	>1" To 2", Water/Chlorine Pipe Disinfection/Flush/Testing	2.69	
		For >250 To 500, Deduct	*-0.23*	
		For >500 To 2,000, Deduct	*-0.49*	
		For >2,000, Deduct	*-0.75*	
23 01 20 91-0033	LF	>2" To 3", Water/Chlorine Pipe Disinfection/Flush/Testing	4.07	
		For >250 To 500, Deduct	*-0.35*	
		For >500 To 2,000, Deduct	*-0.74*	
		For >2,000, Deduct	*-1.13*	
23 01 20 91-0034	LF	4", Water/Chlorine Pipe Disinfection/Flush/Testing	5.51	
		For >250 To 500, Deduct	*-0.47*	
		For >500 To 2,000, Deduct	*-0.99*	
		For >2,000, Deduct	*-1.51*	
23 01 20 91-0035	LF	6", Water/Chlorine Pipe Disinfection/Flush/Testing	6.68	
		For >250 To 500, Deduct	*-0.56*	
		For >500 To 2,000, Deduct	*-1.18*	
		For >2,000, Deduct	*-1.81*	
23 01 20 91-0036	LF	8", Water/Chlorine Pipe Disinfection/Flush/Testing	8.40	
		For >250 To 500, Deduct	*-0.70*	
		For >500 To 2,000, Deduct	*-1.48*	
		For >2,000, Deduct	*-2.26*	
23 01 20 91-0037	LF	10", Water/Chlorine Pipe Disinfection/Flush/Testing	11.15	
		For >250 To 500, Deduct	*-0.94*	
		For >500 To 2,000, Deduct	*-1.97*	
		For >2,000, Deduct	*-3.01*	
23 01 20 91-0038	LF	12", Water/Chlorine Pipe Disinfection/Flush/Testing	13.38	
		For >250 To 500, Deduct	*-1.12*	
		For >500 To 2,000, Deduct	*-2.37*	
		For >2,000, Deduct	*-3.62*	

23 01 20 91-0039 Shut Down Existing Piping System *(23 01 20 91)*

23 01 20 91-0040	EA	Shut Down Existing Interior Piping System Note: Includes lock out/tag out and average line tracing. Use when valves are greater than 25' from work. When the shut-off valves for multiple lines are located with a 10' radius, the quantity used shall be one.	261.24	

23 01 20 91-0041 Purge Liquid Systems *(23 01 20 91)*

Note: Includes collection of liquid, refilling with liquid and bleeding of air from system.

23 01 20 91-0042	EA	Up To 50', Up To 3/4" Diameter Pipe, Purge Liquid System	197.02	
23 01 20 91-0043	EA	>50' To 100', Up To 3/4" Diameter Pipe, Purge Liquid System	246.27	
23 01 20 91-0044	EA	>100 To 250', Up To 3/4" Diameter Pipe, Purge Liquid System	351.50	
23 01 20 91-0045	EA	>250 To 500', Up To 3/4" Diameter Pipe, Purge Liquid System	421.20	
23 01 20 91-0046	EA	>500 To 1,000', Up To 3/4" Diameter Pipe, Purge Liquid System	526.50	
23 01 20 91-0047	EA	>1,000 To 2,000', Up To 3/4" Diameter Pipe, Purge Liquid System	684.46	
23 01 20 91-0048	LF	>2,000', Up To 3/4" Diameter Pipe, Purge Liquid System	0.34	
23 01 20 91-0049	EA	Up To 100', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	410.27	
23 01 20 91-0050	EA	>100 To 250', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	585.95	
23 01 20 91-0051	EA	>250 To 500', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	702.08	
23 01 20 91-0052	EA	>500 To 1,000', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	877.60	
23 01 20 91-0053	EA	>1,000 To 2,000', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	1,140.89	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 20 91-0054	LF	>2,000', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	0.57	
23 01 20 91-0055	EA	Up To 100', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	574.38	
23 01 20 91-0056	EA	>100 To 250', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	820.34	
23 01 20 91-0057	EA	>250 To 500', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	982.92	
23 01 20 91-0058	EA	>500 To 1,000', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	1,228.64	
23 01 20 91-0059	EA	>1,000 To 2,000', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	1,597.24	
23 01 20 91-0060	LF	>2,000', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	0.80	
23 01 20 91-0061	EA	Up To 100', >3" To 6" Diameter Pipe, Purge Liquid System	789.77	
23 01 20 91-0062	EA	>100 To 250', >3" To 6" Diameter Pipe, Purge Liquid System	1,127.96	
23 01 20 91-0063	EA	>250 To 500', >3" To 6" Diameter Pipe, Purge Liquid System	1,197.45	
23 01 20 91-0064	EA	>500 To 1,000', >3" To 6" Diameter Pipe, Purge Liquid System	1,496.81	
23 01 20 91-0065	EA	>1,000 To 2,000', >3" To 6" Diameter Pipe, Purge Liquid System	1,945.85	
23 01 20 91-0066	LF	>2,000', >3" To 6" Diameter Pipe, Purge Liquid System	0.98	
23 01 20 91-0067	EA	Up To 100', >6" To 10" Diameter Pipe, Purge Liquid System	1,066.20	
23 01 20 91-0068	EA	>100 To 250', >6" To 10" Diameter Pipe, Purge Liquid System	1,522.74	
23 01 20 91-0069	EA	>250 To 500', >6" To 10" Diameter Pipe, Purge Liquid System	1,616.56	
23 01 20 91-0070	EA	>500 To 1,000', >6" To 10" Diameter Pipe, Purge Liquid System	2,020.69	
23 01 20 91-0071	EA	>1,000 To 2,000', >6" To 10" Diameter Pipe, Purge Liquid System	2,626.90	
23 01 20 91-0072	LF	>2,000', >6" To 10" Diameter Pipe, Purge Liquid System	1.31	

23 01 20 91-0073 Add-A-Valve Emergency Shut Off Device *(23 01 20 91)*

23 01 20 91-0074	EA	1/2" Diameter, Add-A-Valve Emergency Shut Off Device (Jomar 800-103ADD)	413.63	
23 01 20 91-0075	EA	3/4" Diameter, Add-A-Valve Emergency Shut Off Device (Jomar 800-104ADD)	521.10	
23 01 20 91-0076	EA	1" Diameter, Add-A-Valve Emergency Shut Off Device (Jomar 800-105ADD)	723.45	
23 01 20 91-0077	EA	1-1/4" Diameter, Add-A-Valve Emergency Shut Off Device (Jomar 800-106ADD)	1,109.67	
23 01 20 91-0078	EA	1-1/2" Diameter, Add-A-Valve Emergency Shut Off Device (Jomar 800-107ADD)	1,370.98	
23 01 20 91-0079	EA	2" Diameter, Add-A-Valve Emergency Shut Off Device (Jomar 800-108ADD)	2,074.15	

23 01 30 Operation and Maintenance of HVAC Air Distribution *(23 01)*

23 01 30 51 HVAC Air-Distribution System Cleaning *(23 01 30)*

23 01 30 51-0001 Cleaning Of Ductwork And HVAC Equipment *(23 01 30 51)*

23 01 30 51-0002	LF	Up To 2 SF Cross Section, Clean Interior Supply/Return Ductwork Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	4.21	
		For Exhaust Ductwork, Add	*1.05*	
23 01 30 51-0003	LF	>2 SF To 4 SF Cross Section, Clean Interior Supply/Return Ductwork Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	5.27	
		For Exhaust Ductwork, Add	*1.32*	
23 01 30 51-0004	LF	>4 SF To 8 SF Cross Section, Clean Interior Supply/Return Ductwork Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	7.08	
		For Exhaust Ductwork, Add	*1.77*	
23 01 30 51-0005	LF	>8 SF Cross Section, Clean Interior Supply/Return Ductwork Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	10.03	
		For Exhaust Ductwork, Add	*2.51*	
23 01 30 51-0006	SF	Clean Exposed Exterior Of Metal Supply/Return Ductwork Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	0.62	
23 01 30 51-0007	LF	Clean Supply/Return Shafts	12.46	
23 01 30 51-0008	EA	Clean Floor Transition	10.03	
23 01 30 51-0009	SF	Clean Duct Dampers	14.16	
23 01 30 51-0010	SF	Clean Duct Fire Dampers	28.31	
23 01 30 51-0011	SF	Clean Louver	11.33	
23 01 30 51-0012	EA	Clean Turning Vane Set	33.98	
23 01 30 51-0013	EA	Clean Grille/Diffuser/Register Note: Includes removal and reinstallation.	33.98	
23 01 30 51-0014	LF	Clean Linear Diffuser Note: Includes removal and reinstallation.	8.50	
23 01 30 51-0015	EA	Cut Access For Cleaning Duct And Install Duct Insulated Access Doors	117.27	
		For Stainless Steel, Add	*71.65*	
23 01 30 51-0016	EA	Clean Variable Air Volume (VAV) Unit	101.94	
23 01 30 51-0017	EA	Clean Fan Powered Induction Unit (PIU) Unit	135.92	
23 01 30 51-0018	EA	Clean (FCU) Fan Coil Unit	135.92	
23 01 30 51-0019	EA	Clean Packaged Terminal Air Conditioning Unit	135.92	
23 01 30 51-0020	EA	Clean Supply Or Return Fan	271.84	
23 01 30 51-0021	EA	Clean Exhaust Fan	237.87	
23 01 30 51-0022	EA	Clean Duct Coil	203.89	
23 01 30 51-0023	SF	Clean Air Handling Unit Interior Housing With High Efficiency Particulate Air (HEPA) Vacuum Note: Excluding fan and coils.	6.80	
23 01 30 51-0024	EA	Clean Air Handling Unit Fan	339.81	
23 01 30 51-0025	EA	Clean Air Handling Unit Coil	543.70	
23 01 30 51-0026	SF	Clean Equipment Surfaces, Rust Reform And Prime	3.69	
23 01 30 51-0027	SF	Clean Interior Equipment Surfaces, Rust Reform And Prime	4.37	
23 01 30 51-0028	SF	High Efficiency Particulate Air (HEPA) Vacuuming Of Walls, Ceilings And Floors In Mechanical Rooms	0.78	
23 01 30 51-0029	EA	Minimum Set-up Charge For Cleaning Of Ductwork Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	975.06	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 30 51-0030	SF	Apply Anti-microbial Agent To Ductwork And Surfaces After Cleaning	0.61	

23 01 30 61 HVAC Air-Distribution Duct Repair *(23 01 30)*

23 01 30 61-0001 Repair And Seal Ductwork *(23 01 30 61)*

Note: Includes removal of existing insulation, repair/seal ductwork with Duct Sealer and reinstallation of insulation. Excludes new ductwork.

23 01 30 61-0002	SF	Repair, Taping And Sealing Of Ductwork Note: Clean, apply sealant and tape	2.24	

23 01 30 61-0003 Rework Sheet Metal Ductwork *(23 01 30 61)*

Note: Includes removal of existing ductwork and reinstallation of ductwork. Excludes new ductwork.

23 01 30 61-0004	LF	Up To 1 SF Cross Section, Rework Existing Ductwork	35.83	
23 01 30 61-0005	LF	>1 To 2 SF Cross Section, Rework Existing Ductwork	69.85	
23 01 30 61-0006	LF	>2 To 4 SF Cross Section, Rework Existing Ductwork	92.30	
23 01 30 61-0007	LF	>4 To 6 SF Cross Section, Rework Existing Ductwork	115.59	
23 01 30 61-0008	LF	>6 To 8 SF Cross Section, Rework Existing Ductwork	161.21	
23 01 30 61-0009	LF	>8 To 10 SF Cross Section, Rework Existing Ductwork	188.07	
23 01 30 61-0010	LF	>10 To 12 SF Cross Section, Rework Existing Ductwork	214.94	
23 01 30 61-0011	LF	>12 To 14 SF Cross Section, Rework Existing Ductwork	241.81	

23 01 50 Operation and Maintenance of Central Heating Equipment *(23 01)*

23 01 50 61 Central Heating Equipment Repair *(23 01 50)*

23 01 50 61-0001 Boiler Repairs *(23 01 50 61)*

23 01 50 61-0002 Set-up And Maintenance For Boiler Repairs *(23 01 50 61-0001)*

23 01 50 61-0003	EA	Set-up Charge For Boiler Fire Side Maintenance Note: Includes removing/relocating doors, plates, portals, and burners required to access fireside.	2,757.02	
23 01 50 61-0004	EA	Close-up Charge For Boiler Fire Side Maintenance Note: Includes replacement of doors, plates, portals, burners, adhesive, rope, wool, and seals.	3,007.37	
		For Burner Seals, Add *Note: Used when burner must be removed from door for maintenance.*	*675.70*	
23 01 50 61-0005	EA	Set-up Charge For Boiler Water Side Maintenance Note: Includes closing valves, draining, and positioning equipment needed for tube replacement.	3,676.05	
23 01 50 61-0006	EA	Up To 100 HP, Hydrostatic Test - Boiler Maintenance Note: Includes close-up charge for water side maintenance, blanking off supply, return, and relief valves for test and reconnection after test.	1,838.02	
23 01 50 61-0007	EA	>100 HP, Hydrostatic Test - Boiler Maintenance Note: Includes close-up charge for water side maintenance, blanking off supply, return, and relief valves for test and reconnection after test.	3,676.05	
23 01 50 61-0008	EA	Removal And Replacement Of Handhole	114.88	
23 01 50 61-0009	EA	Removal And Replacement Of Manhole	344.63	
23 01 50 61-0010	SF	Sheet Metal Jacket Patch	13.36	

23 01 50 61-0011 Boiler Tube Replacement *(23 01 50 61-0001)*

23 01 50 61-0012	EA	Removal Of Up To 2" Boiler Tube	275.69	
23 01 50 61-0013	EA	Removal Of >2" To 3" Boiler Tube	344.63	
23 01 50 61-0014	EA	Removal Of >3" To 4" Boiler Tube	482.47	
23 01 50 61-0015	LF	Place 1-1/2" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	11.12	
23 01 50 61-0016	LF	Place 2" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	12.97	
23 01 50 61-0017	LF	Place 2-1/2" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	14.85	
23 01 50 61-0018	LF	Place 3" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	21.48	
23 01 50 61-0019	LF	Place 3-1/2" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	25.23	
23 01 50 61-0020	LF	Place 4" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	32.41	
23 01 50 61-0021	EA	1-1/2" Rolled Boiler Tube Termination (2 Per New Tube)	34.46	
23 01 50 61-0022	EA	2" Rolled Boiler Tube Termination (2 Per New Tube)	51.69	
23 01 50 61-0023	EA	2-1/2" Rolled Boiler Tube Termination (2 Per New Tube)	68.93	
23 01 50 61-0024	EA	3" Rolled Boiler Tube Termination (2 Per New Tube)	86.16	
23 01 50 61-0025	EA	3-1/2" Rolled Boiler Tube Termination (2 Per New Tube)	103.39	
23 01 50 61-0026	EA	4" Rolled Boiler Tube Termination (2 Per New Tube)	120.62	
23 01 50 61-0027	EA	1-1/2" Welded Boiler Tube Termination (2 Per New Tube)	103.39	
23 01 50 61-0028	EA	2" Welded Boiler Tube Termination (2 Per New Tube)	137.86	
23 01 50 61-0029	EA	2-1/2" Welded Boiler Tube Termination (2 Per New Tube)	172.31	
23 01 50 61-0030	EA	3" Welded Boiler Tube Termination (2 Per New Tube)	206.78	
23 01 50 61-0031	EA	3-1/2" Welded Boiler Tube Termination (2 Per New Tube)	241.24	
23 01 50 61-0032	EA	4" Welded Boiler Tube Termination (2 Per New Tube)	275.69	
23 01 50 61-0033	EA	Plug Boiler Tube Hole Where Boiler Tube Is Not Replaced	416.33	

23 01 50 61-0034 Cast Iron Boiler Section Replacement *(23 01 50 61-0001)*

23 01 50 61-0035	EA	Removal And Replacement Of Front Section Of Weil McLain Model 80 Cast Iron Boiler	3,168.83	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 50 61-0036	EA	Removal And Replacement Of Rear Section Of Weil McLain Model 80 Cast Iron Boiler	2,213.85	
23 01 50 61-0037	EA	Removal And Replacement Of Inside Section Of Weil McLain Model 80 Cast Iron Boiler	2,715.63	
23 01 50 61-0038	EA	Removal And Replacement Of Front Section Of Weil McLain Model 88 Cast Iron Boiler	5,893.41	
23 01 50 61-0039	EA	Removal And Replacement Of Rear Section Of Weil McLain Model 88 Cast Iron Boiler	4,408.80	
23 01 50 61-0040	EA	Removal And Replacement Of Inside Section Of Weil McLain Model 88 Cast Iron Boiler	5,026.59	
23 01 50 61-0041	EA	Removal And Replacement Of Front Section Of Weil McLain Model 94 Cast Iron Boiler	9,635.20	
23 01 50 61-0042	EA	Removal And Replacement Of Rear Section Of Weil McLain Model 94 Cast Iron Boiler	7,595.57	
23 01 50 61-0043	EA	Removal And Replacement Of Inside Section Of Weil McLain Model 94 Cast Iron Boiler	7,988.23	
23 01 50 61-0044		**Cast Iron Grate Replacement** *(23 01 50 61-0001)*		
23 01 50 61-0045	SF	Removal And Replacement Of Cast Iron Boiler Grates, Prepared From Casting Mold Note: Includes support, linkages and removal of existing.	153.94	
23 01 50 61-0046	EA	Prepare Cast Iron Boiler Grate Mold Note: Includes preparing unique size mold for grate casting. Mold to be used for multiple castings.	2,290.35	
23 01 50 61-0047		**Replacement Or Conversion Of Boiler Burners** *(23 01 50 61-0001)* Note: Includes mounting plate, mechanical and electrical labor for installation of burners.		
23 01 50 61-0048	EA	700 MBH Max Input Burner With 2" Boiler Connection, Screwed	11,295.81	1,223.46
		For 12 PPM Burner, Add	*1,859.51*	
23 01 50 61-0049	EA	2,100 MBH Max Input Burner With 2-1/2" Boiler Connection, Screwed	16,323.19	1,514.74
		For 12 PPM Burner, Add	*2,769.84*	
23 01 50 61-0050	EA	2,800 MBH Max Input Burner With 3" Boiler Connection, Screwed	19,276.20	1,835.06
		For 12 PPM Burner, Add	*3,255.77*	
23 01 50 61-0051	EA	3,800 MBH Max Input Burner With 4" Boiler Connection, Flanged	22,756.69	1,974.85
		For 12 PPM Burner, Add	*3,906.22*	
23 01 50 61-0052		**Video Inspection Of Boiler Tubing** *(23 01 50 61-0001)*		
23 01 50 61-0053	EA	Initial Set-up And Final Equipment Removal For Boiler Tubing Video Camera Inspection	573.98	
23 01 50 61-0054	LF	Boiler Tubing Inspection	0.69	
23 01 50 61-0055		**Boiler And Chiller Water Treatment** *(23 01 50 61)* Note: 3 Lb. chemical per 50 gallon system water.		
23 01 50 61-0056	LB	Boil Out Boiler And System With Caustic Soda Note: Includes disposal after treatment.	1.79	
23 01 50 61-0057	LB	Boil Out Boiler And System With Trisodium Phosphate Note: Includes disposal after treatment.	2.68	
23 01 50 61-0058	GAL	Corrosion Resistant Chemical Treatment, Based On Gallons Of Chemical Required	167.59	

23 01 60 Operation and Maintenance of Central Cooling Equipment *(23 01)*

23 01 60 61 Central Cooling Equipment Repair *(23 01 60)*

23 01 60 61-0001		**Cooling Tower Repairs** *(23 01 60 61)*		
23 01 60 61-0002	EA	Replace 6' Diameter 4 Blade, Cooling Tower Fan Blade	3,704.29	
23 01 60 61-0003	EA	Replace 6' Diameter 5 Blade, Cooling Tower Fan Blade	4,370.06	
23 01 60 61-0004	EA	Replace 6' Diameter 6 Blade, Cooling Tower Fan Blade	5,030.95	
23 01 60 61-0005	EA	Replace 6' Diameter 7 Blade, Cooling Tower Fan Blade	5,947.01	
23 01 60 61-0006	EA	Replace 6' Diameter 8 Blade, Cooling Tower Fan Blade	6,556.89	
23 01 60 61-0007	EA	Replace 8' Diameter 4 Blade, Cooling Tower Fan Blade	4,087.31	
23 01 60 61-0008	EA	Replace 8' Diameter 5 Blade, Cooling Tower Fan Blade	4,553.81	
23 01 60 61-0009	EA	Replace 8' Diameter 6 Blade, Cooling Tower Fan Blade	5,355.65	
23 01 60 61-0010	EA	Replace 8' Diameter 7 Blade, Cooling Tower Fan Blade	6,108.89	
23 01 60 61-0011	EA	Replace 8' Diameter 8 Blade, Cooling Tower Fan Blade	6,733.37	
23 01 60 61-0012	EA	Replace Individual Cooling Tower Fan Blade For 6' Diameter Fan	1,017.18	
23 01 60 61-0013	EA	Replace Individual Cooling Tower Fan Blade For 8' Diameter Fan	1,055.38	
23 01 60 61-0014	EA	Replace Individual Cooling Tower Fan Blade For 10' Diameter Fan	1,127.63	
23 01 60 61-0015	EA	Replace Individual Cooling Tower Fan Blade For 12' Diameter Fan	1,314.06	
23 01 60 61-0016	EA	Replace Individual Cooling Tower Fan Blade For 14' Diameter Fan	1,629.26	
23 01 60 61-0017	EA	Replace Individual Cooling Tower Fan Blade For 16' Diameter Fan	2,204.47	
23 01 60 61-0018	EA	Replace Individual Cooling Tower Fan Blade For 18' Diameter Fan	2,318.00	
23 01 60 61-0019	EA	Replace Individual Cooling Tower Fan Blade For 20' Diameter Fan	2,488.32	
23 01 60 61-0020	EA	Replace Counterflow Nozzle (1/2" - 2" NPT Thread)	43.46	
23 01 60 61-0021	EA	Replace 6' Polyvinyl Chloride (PVC) Splash Fill	25.99	

23 01 60 71 Refrigerant Recovery/Recycling *(23 01 60)*

23 01 60 71-0001		**Refrigerant Recovery, Reclaim And Recycling** *(23 01 60 71)* See CSI section 23 01 60 71-0005 for flushing pipe with nitrogen and vacuum removal of inert gases.		
23 01 60 71-0002	LB	Recovery Of Refrigerant	13.18	
23 01 60 71-0003	LB	Recovery And Recharging Of Refrigerant Note: Includes cleaning refrigerant gas prior to recharging.	24.73	
23 01 60 71-0004	LB	Recharging Of Refrigerant Note: Excludes refrigerant filling at time of installation of HVAC or Condenser units. See CSI section 23 23 23 00-0000 for refrigerants.	11.11	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 60 71-0005		Flush And Cleaning Of Refrigerant Piping Systems With Nitrogen *(23 01 60 71)* Note: Includes vacuum of nitrogen from pipe.		
23 01 60 71-0006	EA	Up To 100', Up To 5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	134.78	
23 01 60 71-0007	EA	>100 To 250', Up To 5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	172.45	
23 01 60 71-0008	EA	>250 To 500', Up To 5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	217.03	
23 01 60 71-0009	EA	>500 To 1,000', Up To 5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	278.80	
23 01 60 71-0010	EA	>1,000 To 2,000', Up To 5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	369.55	
23 01 60 71-0011	LF	>2,000', Up To 5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	0.21	
23 01 60 71-0012	EA	Up To 100', >5/8" To 1-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	184.55	
23 01 60 71-0013	EA	>100 To 250', >5/8" To 1-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	236.31	
23 01 60 71-0014	EA	>250 To 500', >5/8" To 1-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	297.38	
23 01 60 71-0015	EA	>500 To 1,000', >5/8" To 1-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	382.55	
23 01 60 71-0016	EA	>1,000 To 2,000', >5/8" To 1-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	507.76	
23 01 60 71-0017	LF	>2,000', >5/8" To 1-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	0.28	
23 01 60 71-0018	EA	Up To 100', >1-1/8" To 1-5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	234.58	
23 01 60 71-0019	EA	>100 To 250', >1-1/8" To 1-5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	300.62	
23 01 60 71-0020	EA	>250 To 500', >1-1/8" To 1-5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	378.76	
23 01 60 71-0021	EA	>500 To 1,000', >1-1/8" To 1-5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	487.88	
23 01 60 71-0022	EA	>1,000 To 2,000', >1-1/8" To 1-5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	650.08	
23 01 60 71-0023	LF	>2,000', >1-1/8" To 1-5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	0.37	
23 01 60 71-0024	EA	Up To 100', >1-5/8" To 2-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	268.97	
23 01 60 71-0025	EA	>100 To 250', >1-5/8" To 2-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	348.22	
23 01 60 71-0026	EA	>250 To 500', >1-5/8" To 2-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	441.91	
23 01 60 71-0027	EA	>500 To 1,000', >1-5/8" To 2-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	573.99	
23 01 60 71-0028	EA	>1,000 To 2,000', >1-5/8" To 2-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	780.43	
23 01 60 71-0029	LF	>2,000', >1-5/8" To 2-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	0.43	
23 01 60 71-0030	EA	Up To 100', >2-1/8" To 2-5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	319.63	
23 01 60 71-0031	EA	>100 To 250', >2-1/8" To 2-5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	414.23	
23 01 60 71-0032	EA	>250 To 500', >2-1/8" To 2-5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	574.56	
23 01 60 71-0033	EA	>500 To 1,000', >2-1/8" To 2-5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	683.83	
23 01 60 71-0034	EA	>1,000 To 2,000', >2-1/8" To 2-5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	931.70	
23 01 60 71-0035	LF	>2,000', >2-1/8" To 2-5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	0.50	
23 01 60 71-0036	EA	Up To 100', >2-5/8" To 3-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	364.57	
23 01 60 71-0037	EA	>100 To 250', >2-5/8" To 3-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	472.77	
23 01 60 71-0038	EA	>250 To 500', >2-5/8" To 3-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	600.90	
23 01 60 71-0039	EA	>500 To 1,000', >2-5/8" To 3-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	782.09	
23 01 60 71-0040	EA	>1,000 To 2,000', >2-5/8" To 3-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	1,067.89	
23 01 60 71-0041	LF	>2,000', >2-5/8" To 3-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	0.58	

23 05 Common Work Results for HVAC *(23)*

23 05 13 Common Motor Requirements for HVAC Equipment *(23 05)*

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor.

23 05 13 00-0001		Premium Efficient, Motors *(23 05 13)* Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. Excludes installation.		
23 05 13 00-0002		Premium Efficient, Open Drip Proof Motors *(23 05 13 00-0001)* Note: NEMA premium efficiency, open drip proof, three phase AC motors.		
23 05 13 00-0003		Steel Frame, Premium Efficient, Open Drip Proof Motors *(23 05 13 00-0002)*		
23 05 13 00-0004	EA	1 HP, 3,600 RPM, 56 NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	845.47	
23 05 13 00-0005	EA	1 HP, 1,800 RPM, 143T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	957.35	
23 05 13 00-0006	EA	1 HP, 1,200 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,122.41	
23 05 13 00-0007	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	942.68	
23 05 13 00-0008	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,001.36	
23 05 13 00-0009	EA	1-1/2 HP, 1,200 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,313.14	
23 05 13 00-0010	EA	2 HP, 3,600 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,107.74	
23 05 13 00-0011	EA	2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,072.89	
23 05 13 00-0012	EA	2 HP, 1,200 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,342.49	
23 05 13 00-0013	EA	3 HP, 3,600 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,122.41	
23 05 13 00-0014	EA	3 HP, 1,800 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,157.25	
23 05 13 00-0015	EA	3 HP, 1,200 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,709.29	
23 05 13 00-0016	EA	5 HP, 3,600 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,225.11	
23 05 13 00-0017	EA	5 HP, 1,800 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,267.29	
23 05 13 00-0018	EA	5 HP, 1,200 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,239.31	
23 05 13 00-0019	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,944.04	
23 05 13 00-0020	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,863.34	
23 05 13 00-0021	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,684.98	
23 05 13 00-0022	EA	10 HP, 3,600 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,222.81	
23 05 13 00-0023	EA	10 HP, 1,800 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,255.82	
23 05 13 00-0024	EA	10 HP, 1,200 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,493.77	
23 05 13 00-0025	EA	15 HP, 3,600 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,158.15	
23 05 13 00-0026	EA	15 HP, 1,800 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,194.83	
23 05 13 00-0027	EA	15 HP, 1,200 RPM, 284T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	4,711.55	
23 05 13 00-0028	EA	20 HP, 3,600 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,710.18	
23 05 13 00-0029	EA	20 HP, 1,800 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	4,010.96	
23 05 13 00-0030	EA	20 HP, 1,200 RPM, 286T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	5,734.92	
23 05 13 00-0031	EA	25 HP, 3,600 RPM, 284TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	4,454.79	
23 05 13 00-0032	EA	25 HP, 1,800 RPM, 284T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	4,889.44	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 13 00-0033	EA	25 HP, 1,200 RPM, 324T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	6,927.02	
23 05 13 00-0034	EA	30 HP, 3,600 RPM, 286TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	5,256.24	
23 05 13 00-0035	EA	30 HP, 1,800 RPM, 286T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	5,346.11	
23 05 13 00-0036	EA	30 HP, 1,200 RPM, 326T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	7,225.96	
23 05 13 00-0037	EA	40 HP, 3,600 RPM, 324TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	6,772.96	
23 05 13 00-0038	EA	40 HP, 1,800 RPM, 324T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	6,974.70	
23 05 13 00-0039	EA	50 HP, 3,600 RPM, 326TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	7,376.35	
23 05 13 00-0040	EA	50 HP, 1,800 RPM, 326T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	7,697.30	
23 05 13 00-0041	EA	60 HP, 3,600 RPM, 364TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	9,333.23	
23 05 13 00-0042	EA	60 HP, 1,800 RPM, 364T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	9,690.86	
23 05 13 00-0043	EA	75 HP, 3,600 RPM, 365TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	12,243.78	
23 05 13 00-0044	EA	75 HP, 1,800 RPM, 365T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	11,895.32	
23 05 13 00-0045	EA	100 HP, 3,600 RPM, 365TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	13,087.42	
23 05 13 00-0046	EA	100 HP, 1,800 RPM, 404T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	13,839.36	
23 05 13 00-0047	EA	125 HP, 3,600 RPM, 404TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	16,425.30	
23 05 13 00-0048	EA	125 HP, 1,800 RPM, 405T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	16,977.34	
23 05 13 00-0049	EA	150 HP, 3,600 RPM, 405TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	20,262.03	
23 05 13 00-0050		**Cast Iron Frame, Premium Efficient, Open Drip Proof Motors** *(23 05 13 00-0002)*		
23 05 13 00-0051	EA	40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	10,294.24	
23 05 13 00-0052	EA	50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	12,462.03	
23 05 13 00-0053	EA	60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	15,821.92	
23 05 13 00-0054	EA	75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	17,615.57	
23 05 13 00-0055	EA	100 HP, 1,200 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	19,389.05	
23 05 13 00-0056	EA	125 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	20,938.78	
23 05 13 00-0057	EA	150 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	18,859.02	
23 05 13 00-0058	EA	150 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	24,659.96	
23 05 13 00-0059	EA	200 HP, 3,600 RPM, 444TS NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	22,961.68	
23 05 13 00-0060	EA	200 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	23,566.90	
23 05 13 00-0061	EA	200 HP, 1,200 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	32,415.95	
23 05 13 00-0062		**Premium Efficient, TEFC Motors** *(23 05 13 00-0001)* Note: NEMA premium efficiency, totally enclosed fan cooled, three phase AC motors.		
23 05 13 00-0063		**Steel Frame, Premium Efficient, TEFC Motors** *(23 05 13 00-0062)*		
23 05 13 00-0064	EA	1 HP, 3,600 RPM, 56 NEMA Steel Frame, Premium Efficient, TEFC Motor	988.53	
23 05 13 00-0065	EA	1 HP, 1,800 RPM, 143T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,089.40	
23 05 13 00-0066	EA	1 HP, 1,200 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,296.64	
23 05 13 00-0067	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,120.57	
23 05 13 00-0068	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,131.58	
23 05 13 00-0069	EA	2 HP, 3,600 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,226.95	
23 05 13 00-0070	EA	2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,173.76	
23 05 13 00-0071	EA	3 HP, 3,600 RPM, 182T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,360.83	
23 05 13 00-0072	EA	3 HP, 1,800 RPM, 182T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,296.64	
23 05 13 00-0073	EA	3 HP, 1,200 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor	2,081.59	
23 05 13 00-0074	EA	5 HP, 3,600 RPM, 184T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,509.38	
23 05 13 00-0075	EA	5 HP, 1,800 RPM, 184T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,419.52	
23 05 13 00-0076	EA	5 HP, 1,200 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor	2,351.19	
23 05 13 00-0077	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor	2,261.32	
23 05 13 00-0078	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor	2,046.74	
23 05 13 00-0079	EA	10 HP, 3,600 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor	2,292.50	
23 05 13 00-0080	EA	10 HP, 1,800 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor	2,310.84	
23 05 13 00-0081		**Cast Iron Frame, Premium Efficient, TEFC Motors** *(23 05 13 00-0062)*		
23 05 13 00-0082	EA	1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,410.35	
23 05 13 00-0083	EA	1 HP, 1,200 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,579.07	
23 05 13 00-0084	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,489.21	
23 05 13 00-0085	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,461.70	
23 05 13 00-0086	EA	1-1/2 HP, 1,200 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,879.85	
23 05 13 00-0087	EA	2 HP, 3,600 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,566.24	
23 05 13 00-0088	EA	2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,531.39	
23 05 13 00-0089	EA	2 HP, 1,200 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,909.19	
23 05 13 00-0090	EA	3 HP, 3,600 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,690.95	
23 05 13 00-0091	EA	3 HP, 1,800 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,738.63	
23 05 13 00-0092	EA	3 HP, 1,200 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,378.70	
23 05 13 00-0093	EA	5 HP, 3,600 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,081.59	
23 05 13 00-0094	EA	5 HP, 1,800 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,740.47	
23 05 13 00-0095	EA	5 HP, 1,200 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,760.17	
23 05 13 00-0096	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,409.88	
23 05 13 00-0097	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,321.84	
23 05 13 00-0098	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,935.76	
23 05 13 00-0099	EA	10 HP, 3,600 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,824.36	
23 05 13 00-0100	EA	10 HP, 1,800 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,604.28	
23 05 13 00-0101	EA	10 HP, 1,200 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	4,493.30	
23 05 13 00-0102	EA	15 HP, 3,600 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,891.75	
23 05 13 00-0103	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,561.63	
23 05 13 00-0104	EA	15 HP, 1,200 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	5,993.51	
23 05 13 00-0105	EA	20 HP, 3,600 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	4,271.39	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 13 00-0106	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	4,319.07	
23 05 13 00-0107	EA	20 HP, 1,200 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	7,979.73	
23 05 13 00-0108	EA	25 HP, 3,600 RPM, 284TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	5,573.53	
23 05 13 00-0109	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	5,648.72	
23 05 13 00-0110	EA	25 HP, 1,200 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	9,028.78	
23 05 13 00-0111	EA	30 HP, 3,600 RPM, 286TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	6,622.57	
23 05 13 00-0112	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	6,701.44	
23 05 13 00-0113	EA	30 HP, 1,200 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	10,429.96	
23 05 13 00-0114	EA	40 HP, 3,600 RPM, 324TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	9,078.30	
23 05 13 00-0115	EA	40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	8,762.85	
23 05 13 00-0116	EA	40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	12,997.56	
23 05 13 00-0117	EA	50 HP, 3,600 RPM, 326TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	9,931.11	
23 05 13 00-0118	EA	50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	9,577.15	
23 05 13 00-0119	EA	50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	15,706.38	
23 05 13 00-0120	EA	60 HP, 3,600 RPM, 364TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	13,951.24	
23 05 13 00-0121	EA	60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	13,780.68	
23 05 13 00-0122	EA	60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	19,064.43	
23 05 13 00-0123	EA	75 HP, 3,600 RPM, 365TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	16,230.90	
23 05 13 00-0124	EA	75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	16,113.52	
23 05 13 00-0125	EA	75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	22,200.57	
23 05 13 00-0126	EA	100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	20,010.77	
23 05 13 00-0127	EA	125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	24,773.67	
23 05 13 00-0128	EA	150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	28,496.69	
23 05 13 00-0129	EA	200 HP, 1,800 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	35,814.35	

23 05 13 00-0130 Premium Efficient, Severe Duty Motors *(23 05 13 00-0001)*

Note: NEMA premium efficiency, TEFC enclosure severe duty, three phase AC motors.

23 05 13 00-0131	EA	1 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,465.37	
23 05 13 00-0132	EA	1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,610.25	
23 05 13 00-0133	EA	1 HP, 1,200 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,778.98	
23 05 13 00-0134	EA	1 HP, 900 RPM, L182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,499.74	
23 05 13 00-0135	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,667.11	
23 05 13 00-0136	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,641.43	
23 05 13 00-0137	EA	1-1/2 HP, 1,200 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,081.59	
23 05 13 00-0138	EA	1-1/2 HP, 900 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,110.46	
23 05 13 00-0139	EA	2 HP, 3,600 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,744.13	
23 05 13 00-0140	EA	2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,712.96	
23 05 13 00-0141	EA	2 HP, 1,200 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,109.10	
23 05 13 00-0142	EA	2 HP, 900 RPM, L213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,922.93	
23 05 13 00-0143	EA	3 HP, 3,600 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,063.25	
23 05 13 00-0144	EA	3 HP, 1,800 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,167.79	
23 05 13 00-0145	EA	3 HP, 1,200 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,044.44	
23 05 13 00-0146	EA	3 HP, 900 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,254.88	
23 05 13 00-0147	EA	5 HP, 3,600 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,538.26	
23 05 13 00-0148	EA	5 HP, 1,800 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,206.30	
23 05 13 00-0149	EA	5 HP, 1,200 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,084.79	
23 05 13 00-0150	EA	5 HP, 900 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	6,772.96	
23 05 13 00-0151	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,312.20	
23 05 13 00-0152	EA	7-1/2 HP, 1,800 RPM, L213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,778.51	
23 05 13 00-0153	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,414.44	
23 05 13 00-0154	EA	7-1/2 HP, 900 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	7,744.98	
23 05 13 00-0155	EA	10 HP, 3,600 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,526.78	
23 05 13 00-0156	EA	10 HP, 1,800 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,326.88	
23 05 13 00-0157	EA	10 HP, 1,200 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,734.92	
23 05 13 00-0158	EA	10 HP, 900 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	9,034.28	
23 05 13 00-0159	EA	15 HP, 3,600 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,511.64	
23 05 13 00-0160	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,238.37	
23 05 13 00-0161	EA	15 HP, 1,200 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	6,574.89	
23 05 13 00-0162	EA	15 HP, 900 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	12,060.38	
23 05 13 00-0163	EA	20 HP, 3,600 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,263.58	
23 05 13 00-0164	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,546.49	
23 05 13 00-0165	EA	20 HP, 1,200 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	8,933.41	
23 05 13 00-0166	EA	20 HP, 900 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	13,749.50	
23 05 13 00-0167	EA	25 HP, 3,600 RPM, 284TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	6,325.47	
23 05 13 00-0168	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,949.50	
23 05 13 00-0169	EA	25 HP, 1,200 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	9,335.06	
23 05 13 00-0170	EA	30 HP, 3,600 RPM, 286TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	7,711.97	
23 05 13 00-0171	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	7,064.57	
23 05 13 00-0172	EA	30 HP, 1,200 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	12,034.71	
23 05 13 00-0173	EA	40 HP, 3,600 RPM, 324TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	10,595.02	
23 05 13 00-0174	EA	40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	9,243.36	
23 05 13 00-0175	EA	40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	15,000.29	
23 05 13 00-0176	EA	50 HP, 3,600 RPM, 326TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	11,103.04	
23 05 13 00-0177	EA	50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	10,849.94	
23 05 13 00-0178	EA	50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	15,977.81	
23 05 13 00-0179	EA	60 HP, 3,600 RPM, 364TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	16,113.52	
23 05 13 00-0180	EA	60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	14,541.79	
23 05 13 00-0181	EA	60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	21,824.60	
23 05 13 00-0182	EA	75 HP, 3,600 RPM, 365TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	18,013.55	
23 05 13 00-0183	EA	75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	16,992.01	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 13 00-0184	EA	75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	26,561.82	
23 05 13 00-0185	EA	100 HP, 3,600 RPM, 405TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	22,642.56	
23 05 13 00-0186	EA	100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	22,305.11	
23 05 13 00-0187	EA	100 HP, 1,200 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	29,215.62	
23 05 13 00-0188	EA	125 HP, 3,600 RPM, 444TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	26,605.84	
23 05 13 00-0189	EA	125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	26,369.25	
23 05 13 00-0190	EA	125 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	33,004.66	
23 05 13 00-0191	EA	150 HP, 3,600 RPM, 445TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	31,190.84	
23 05 13 00-0192	EA	150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	30,891.90	
23 05 13 00-0193	EA	150 HP, 1,200 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	37,211.86	
23 05 13 00-0194	EA	200 HP, 3,600 RPM, 447TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	36,934.93	
23 05 13 00-0195	EA	200 HP, 1,800 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	37,162.34	
23 05 13 00-0196	EA	200 HP, 1,200 RPM, 449T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	48,744.05	
23 05 13 00-0197		**Premium Efficient, Explosion Proof Motors** *(23 05 13 00-0001)*		
		Note: NEMA premium efficiency, explosion proof, three phase AC motors.		
23 05 13 00-0198	EA	1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,955.04	
23 05 13 00-0199	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	2,024.74	
23 05 13 00-0200	EA	2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	2,208.14	
23 05 13 00-0201	EA	3 HP, 1,800 RPM, L182T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	2,728.99	
23 05 13 00-0202	EA	5 HP, 1,800 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	3,026.10	
23 05 13 00-0203	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	4,170.52	
23 05 13 00-0204	EA	10 HP, 1,800 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	4,256.71	
23 05 13 00-0205	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	5,762.43	
23 05 13 00-0206	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	6,569.39	
23 05 13 00-0207	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	8,630.80	
23 05 13 00-0208	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	9,687.19	
23 05 13 00-0209	EA	40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	12,667.44	
23 05 13 00-0210	EA	50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	14,266.69	
23 05 13 00-0211	EA	60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	19,957.59	
23 05 13 00-0212	EA	75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	23,429.35	
23 05 13 00-0213	EA	100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	28,540.71	
23 05 13 00-0214	EA	125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	37,303.56	
23 05 13 00-0215	EA	150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	42,563.47	
23 05 13 00-0216		**Motor Mounting** *(23 05 13)*		
		Note: Includes handling and motor installation on mounting base. Excludes mounting base.		
23 05 13 00-0217	EA	1/2 HP Motor Mounting	205.91	104.76
23 05 13 00-0218	EA	3/4 HP Motor Mounting	237.25	130.96
23 05 13 00-0219	EA	1 HP Motor Mounting	253.80	130.96
23 05 13 00-0220	EA	1-1/2 HP Motor Mounting	272.84	130.96
23 05 13 00-0221	EA	2 HP Motor Mounting	294.95	157.15
23 05 13 00-0222	EA	3 HP Motor Mounting	341.05	157.15
23 05 13 00-0223	EA	5 HP Motor Mounting	404.20	261.92
23 05 13 00-0224	EA	7-1/2 HP Motor Mounting	519.68	261.92
23 05 13 00-0225	EA	10 HP Motor Mounting	682.09	458.36
23 05 13 00-0226	EA	15 HP Motor Mounting	839.49	458.36
23 05 13 00-0227	EA	20 HP Motor Mounting	992.12	654.80
23 05 13 00-0228	EA	25 HP Motor Mounting	1,125.09	654.80
23 05 13 00-0229	EA	30 HP Motor Mounting	1,364.17	654.80
23 05 13 00-0230	EA	40 HP Motor Mounting	1,537.09	982.20
23 05 13 00-0231	EA	50 HP Motor Mounting	1,705.22	982.20
23 05 13 00-0232	EA	75 HP Motor Mounting	2,059.12	1,440.57
23 05 13 00-0233	EA	100 HP Motor Mounting	2,480.31	1,440.57
23 05 13 00-0234	EA	125 HP Motor Mounting	3,031.49	1,964.41
23 05 13 00-0235	EA	150 HP Motor Mounting	3,520.44	1,964.41
23 05 13 00-0236	EA	200 HP Motor Mounting	4,041.99	2,357.29

23 05 16 Expansion Fittings and Loops for HVAC Piping *(23 05)*

23 05 16 00-0001 **Stainless Steel Bellows Type Expansion Joints** *(23 05 16)*

Note: Includes internal sleeves and external covers.

23 05 16 00-0002 **Threaded, 150 Lb., Stainless Steel Bellows Type Expansion Joints** *(23 05 16 00-0001)*

Note: Carbon steel ends. Includes internal sleeves and external covers.

23 05 16 00-0003	EA	1/2" Threaded, 150 Lb., Stainless Steel Bellows Type Expansion Joint	240.77	100.50
		For 300 Lb. Rating, Add	*9.92*	
23 05 16 00-0004	EA	3/4" Threaded, 150 Lb., Stainless Steel Bellows Type Expansion Joint	269.99	113.34
		For 300 Lb. Rating, Add	*10.86*	
23 05 16 00-0005	EA	1" Threaded, 150 Lb., Stainless Steel Bellows Type Expansion Joint	316.42	129.92
		For 300 Lb. Rating, Add	*14.16*	
23 05 16 00-0006	EA	1-1/4" Threaded, 150 Lb., Stainless Steel Bellows Type Expansion Joint	357.70	145.02
		For 300 Lb. Rating, Add	*17.00*	
23 05 16 00-0007	EA	1-1/2" Threaded, 150 Lb., Stainless Steel Bellows Type Expansion Joint	387.23	155.86
		For 300 Lb. Rating, Add	*18.88*	
23 05 16 00-0008	EA	2" Threaded, 150 Lb., Stainless Steel Bellows Type Expansion Joint	446.02	183.42
		For 300 Lb. Rating, Add	*19.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0009		Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joints *(23 05 16 00-0001)*		
		Note: Carbon steel ends. Includes internal sleeves and external covers.		
23 05 16 00-0010	EA	1-1/4" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	586.54	100.47
		For 300 Lb. Rating, Add	*115.43*	
23 05 16 00-0011	EA	1-1/2" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	643.01	120.57
		For 300 Lb. Rating, Add	*122.98*	
23 05 16 00-0012	EA	2" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	683.40	153.07
		For 300 Lb. Rating, Add	*123.00*	
23 05 16 00-0013	EA	2-1/2" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	737.24	166.51
		For 300 Lb. Rating, Add	*132.12*	
23 05 16 00-0014	EA	3" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	815.38	195.22
		For 300 Lb. Rating, Add	*142.77*	
23 05 16 00-0015	EA	4" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	1,026.09	327.27
		For 300 Lb. Rating, Add	*154.00*	
23 05 16 00-0016	EA	5" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	1,365.17	357.95
		For 300 Lb. Rating, Add	*229.61*	
23 05 16 00-0017	EA	6" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	1,285.47	397.72
		For 300 Lb. Rating, Add	*196.64*	
23 05 16 00-0018	EA	8" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	1,650.81	508.19
		For 300 Lb. Rating, Add	*254.88*	
23 05 16 00-0019	EA	10" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	2,092.13	618.67
		For 300 Lb. Rating, Add	*329.70*	
23 05 16 00-0020	EA	12" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	2,727.32	468.64
		For 300 Lb. Rating, Add	*447.20*	
23 05 16 00-0021		Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joints *(23 05 16 00-0001)*		
		Note: Carbon steel ends. Includes internal sleeves and external covers.		
23 05 16 00-0022	EA	1-1/4" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	646.36	137.80
		For 300 Lb. Rating, Add	*92.72*	
23 05 16 00-0023	EA	1-1/2" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	673.01	138.94
		For 300 Lb. Rating, Add	*98.78*	
23 05 16 00-0024	EA	2" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	682.54	143.54
		For 300 Lb. Rating, Add	*98.80*	
23 05 16 00-0025	EA	2-1/2" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	737.86	156.51
		For 300 Lb. Rating, Add	*106.12*	
23 05 16 00-0026	EA	3" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	828.13	184.07
		For 300 Lb. Rating, Add	*114.90*	
23 05 16 00-0027	EA	4" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	1,227.09	366.54
		For 300 Lb. Rating, Add	*123.69*	
23 05 16 00-0028	EA	5" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	1,484.12	374.19
		For 300 Lb. Rating, Add	*184.42*	
23 05 16 00-0029	EA	6" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	1,459.73	414.29
		For 300 Lb. Rating, Add	*157.94*	
23 05 16 00-0030	EA	8" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	1,764.27	473.39
		For 300 Lb. Rating, Add	*204.72*	
23 05 16 00-0031	EA	10" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	2,216.93	580.00
		For 300 Lb. Rating, Add	*264.81*	
23 05 16 00-0032	EA	12" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	2,842.83	703.07
		For 300 Lb. Rating, Add	*359.19*	

23 05 17 Sleeves and Sleeve Seals for HVAC Piping *(23 05)*

23 05 17 00-0001		Wall Seals And Sleeves *(23 05 17)*		
		Note: Up to 12" walls. Excludes drilling hole.		
23 05 17 00-0002		Ductile Iron Wall Sleeve *(23 05 17 00-0001)*		
		Note: Includes rubber gasket seal.		
23 05 17 00-0003	EA	3" Ductile Iron Wall Sleeve With Rubber Gasket Seal	182.64	54.63
23 05 17 00-0004	EA	4" Ductile Iron Wall Sleeve With Rubber Gasket Seal	239.11	63.81
23 05 17 00-0005	EA	6" Ductile Iron Wall Sleeve With Rubber Gasket Seal	297.71	76.55
23 05 17 00-0006	EA	8" Ductile Iron Wall Sleeve With Rubber Gasket Seal	399.80	114.77
23 05 17 00-0007	EA	10" Ductile Iron Wall Sleeve With Rubber Gasket Seal	493.87	152.99
23 05 17 00-0008	EA	12" Ductile Iron Wall Sleeve With Rubber Gasket Seal	598.96	191.32
23 05 17 00-0009		Steel Pipe Sleeves *(23 05 17 00-0001)*		
		Note: Includes link seals 12" length.		
23 05 17 00-0010	EA	2" Steel Pipe Sleeve With Link Seals	159.14	55.38
23 05 17 00-0011	EA	2-1/2" Steel Pipe Sleeve With Link Seals	199.11	60.03
23 05 17 00-0012	EA	3" Steel Pipe Sleeve With Link Seals	236.97	64.69
23 05 17 00-0013	EA	4" Steel Pipe Sleeve With Link Seals	294.11	77.60
23 05 17 00-0014	EA	6" Steel Pipe Sleeve With Link Seals	431.25	96.91
23 05 17 00-0015	EA	10" Steel Pipe Sleeve With Link Seals	795.00	116.34
23 05 17 00-0016	EA	13-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals	936.40	145.43
23 05 17 00-0017	EA	17-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals	1,255.07	178.94
23 05 17 00-0018	EA	23-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals	1,725.71	232.68
23 05 17 00-0019	EA	29-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals	2,485.99	290.86

23 05 19 Meters and Gages for HVAC Piping *(23 05)*

See CSI section 33 19 00 00-0000 for water utility service metering.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0001		**Thermometers** *(23 05 19)*		
23 05 19 00-0002		**Dial Type, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometers** *(23 05 19 00-0001)* Note: Various ranges.		
23 05 19 00-0003	EA	2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer	118.15	39.90
23 05 19 00-0004	EA	2-1/2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer	137.39	39.90
23 05 19 00-0005	EA	3-1/2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer	137.39	39.90
23 05 19 00-0006		**Liquid Filled Industrial Union Connection Type Thermometers** *(23 05 19 00-0001)* Note: Various ranges.		
23 05 19 00-0007	EA	7" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer	156.63	39.90
23 05 19 00-0008	EA	9" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer	156.63	39.90
23 05 19 00-0009	EA	12" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer	196.85	39.90
23 05 19 00-0010	EA	7" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer	161.88	39.90
23 05 19 00-0011	EA	9" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer	170.62	39.90
23 05 19 00-0012	EA	12" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer	202.10	39.90
23 05 19 00-0013		**Liquid Filled Industrial Separable Socket Type Thermometers** *(23 05 19 00-0001)* Note: Various ranges. Socket connection for thermowell.		
23 05 19 00-0014	EA	7" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer	156.63	39.90
23 05 19 00-0015	EA	9" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer	156.63	39.90
23 05 19 00-0016	EA	12" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer	196.85	39.90
23 05 19 00-0017	EA	7" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer	179.36	39.90
23 05 19 00-0018	EA	9" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer	196.85	39.90
23 05 19 00-0019	EA	12" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer	201.31	39.90
23 05 19 00-0020		**1" NPT, 304 Stainless Steel Thermowells** *(23 05 19 00-0001)*		
23 05 19 00-0021	EA	4" Long, 1" NPT, 304 Stainless Steel Thermowell	199.39	74.81
23 05 19 00-0022	EA	8" Long, 1" NPT, 304 Stainless Steel Thermowell	199.30	74.81
23 05 19 00-0023		**Pressure Gauges** *(23 05 19)*		
23 05 19 00-0024		**Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges** *(23 05 19 00-0023)*		
23 05 19 00-0025	EA	2" Diameter Dial, Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	42.36	15.58
23 05 19 00-0026	EA	4" Diameter Dial, Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	52.68	15.58
23 05 19 00-0027		**Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges** *(23 05 19 00-0023)*		
23 05 19 00-0028	EA	3-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	344.60	15.58
23 05 19 00-0029	EA	4-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	344.60	15.58
23 05 19 00-0030	EA	6" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	451.05	15.58
23 05 19 00-0031	EA	8-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	1,077.91	15.58
23 05 19 00-0032		**Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges** *(23 05 19 00-0023)* Note: Liquid filled.		
23 05 19 00-0033	EA	2-1/2" Diameter Dial, Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	155.24	15.58
23 05 19 00-0034	EA	4" Diameter Dial, Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	353.64	15.58
23 05 19 00-0035		**Steel Case, 0 To 10K PSI High Pressure, Pressure Gauges** *(23 05 19 00-0023)*		
23 05 19 00-0036	EA	4-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge	344.22	15.58
23 05 19 00-0037	EA	6-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge	344.22	15.58
23 05 19 00-0038	EA	8-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge	344.22	15.58
23 05 19 00-0039		**Gauge Accessories** *(23 05 19 00-0023)*		
23 05 19 00-0040	EA	Pete's Plug (Valve Cock For Removable Pressure Gauge Or Thermometer)	99.31	12.47
23 05 19 00-0041	EA	1/4" Diameter, Snubber Valve	60.59	12.47
23 05 19 00-0042	EA	1/4" Female Pipe Thread, Brass Gauge Cock	38.02	18.71
23 05 19 00-0043	EA	1/4" Male Pipe Thread, Brass Gauge Cock	32.62	18.71
23 05 19 00-0044	EA	1/4" Pressure Pigtail Steam Siphon	37.53	18.71
23 05 19 00-0045	EA	1/4" x 3" Long Black Steel Nipple	7.71	6.23
23 05 19 00-0046	EA	1/4" Steel Thread-O-Let	71.19	31.17
23 05 19 00-0047	EA	1/4", 300 Lb., Black Steel Union	66.49	12.47
23 05 19 00-0048	EA	1/4" Black Steel Coupling	26.48	12.47
23 05 19 00-0049	EA	1/4", 300 Lb., Black Steel Plug	15.31	7.48
23 05 19 00-0050	EA	1/4", 150 Lb., Black Steel Cap	15.83	7.48
23 05 19 00-0051	LF	1/4" Schedule 40, Threaded And Coupled, Black Steel Pipe	9.80	4.12
23 05 19 00-0052	LF	1/4" Schedule 80, Plain End, Black Steel Pipe	8.79	4.12
23 05 19 00-0053	LF	1/4" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe	9.50	
23 05 19 00-0054	EA	1/4" Diameter Threaded, 800 Lb., Forged Steel, Ball Valve	121.82	
23 05 19 00-0055		**Valve Lock Covers** *(23 05 19)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0056	EA	Valve Lock Cover	93.44	19.08
23 05 19 00-0057		**Sight Flow Indicator** *(23 05 19)*		
23 05 19 00-0058		**Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator** *(23 05 19 00-0057)*		
23 05 19 00-0059	EA	1/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	182.61	18.15
23 05 19 00-0060	EA	3/8" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	190.71	19.10
23 05 19 00-0061	EA	1/2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	206.36	20.07
23 05 19 00-0062	EA	3/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	230.26	27.05
23 05 19 00-0063	EA	1" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	275.16	32.78
23 05 19 00-0064	EA	1-1/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	311.25	41.50
23 05 19 00-0065	EA	1-1/2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	443.07	47.98
23 05 19 00-0066	EA	2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	490.25	56.71
23 05 19 00-0067		**Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator** *(23 05 19 00-0057)*		
23 05 19 00-0068	EA	1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	238.41	18.15
23 05 19 00-0069	EA	3/8" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	245.27	19.10
23 05 19 00-0070	EA	1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	264.64	20.07
23 05 19 00-0071	EA	3/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	279.86	27.05
23 05 19 00-0072	EA	1" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	296.24	32.78
23 05 19 00-0073	EA	1-1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	319.93	41.50
23 05 19 00-0074	EA	1-1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	611.70	47.98
23 05 19 00-0075	EA	2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	653.93	56.71
23 05 19 00-0076		**Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator** *(23 05 19 00-0057)*		
23 05 19 00-0077	EA	1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	346.29	18.15
23 05 19 00-0078	EA	3/8" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	365.55	19.10
23 05 19 00-0079	EA	1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	397.32	20.07
23 05 19 00-0080	EA	3/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	431.13	27.05
23 05 19 00-0081	EA	1" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	494.63	32.78
23 05 19 00-0082	EA	1-1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	522.04	41.50
23 05 19 00-0083	EA	1-1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	1,058.08	47.98
23 05 19 00-0084	EA	2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	1,112.71	56.71
23 05 19 00-0085		**Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicators** *(23 05 19 00-0057)*		
23 05 19 00-0086	EA	1/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	234.69	18.15
23 05 19 00-0087	EA	3/8" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	244.03	19.10
23 05 19 00-0088	EA	1/2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	258.44	20.07
23 05 19 00-0089	EA	3/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	278.62	27.05
23 05 19 00-0090	EA	1" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	295.00	32.78
23 05 19 00-0091	EA	1-1/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	319.93	41.50
23 05 19 00-0092	EA	1-1/2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	604.26	47.98
23 05 19 00-0093	EA	2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	644.01	56.71
23 05 19 00-0094		**Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicators** *(23 05 19 00-0057)*		
23 05 19 00-0095	EA	1/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	343.81	18.15
23 05 19 00-0096	EA	3/8" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	370.51	19.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0097	EA	1/2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	404.76	20.07
23 05 19 00-0098	EA	3/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	431.13	27.05
23 05 19 00-0099	EA	1" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	494.63	32.78
23 05 19 00-0100	EA	1-1/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	527.00	41.50
23 05 19 00-0101	EA	1-1/2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	1,058.08	47.98
23 05 19 00-0102	EA	2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	1,112.71	56.71
23 05 19 00-0103		**Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicators** *(23 05 19 00-0057)*		
23 05 19 00-0104	EA	1" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400)	504.55	32.78
23 05 19 00-0105	EA	1-1/4" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400)	566.68	41.50
23 05 19 00-0106	EA	1-1/2" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400)	643.94	47.98
23 05 19 00-0107	EA	2" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400)	723.37	56.71
23 05 19 00-0108		**Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicators** *(23 05 19 00-0057)*		
23 05 19 00-0109	EA	1-1/2" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	1,109.46	130.87
23 05 19 00-0110	EA	2" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	1,237.52	166.15
23 05 19 00-0111	EA	3" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	1,827.00	195.12
23 05 19 00-0112	EA	4" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	2,754.03	327.10
23 05 19 00-0113	EA	6" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	4,479.14	403.13
23 05 19 00-0114		**Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicators** *(23 05 19 00-0057)*		
23 05 19 00-0115	EA	1" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	851.64	93.48
23 05 19 00-0116	EA	1-1/4" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	1,005.92	109.06
23 05 19 00-0117	EA	1-1/2" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	1,084.04	130.87
23 05 19 00-0118	EA	2" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	1,358.41	166.15
23 05 19 00-0119	EA	3" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	1,975.17	195.12
23 05 19 00-0120	EA	4" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	2,914.60	327.10
23 05 19 00-0121		**Venturi Flowmeters** *(23 05 19)*		
23 05 19 00-0122		**Threaded, Brass, Venturi Flowmeters** *(23 05 19 00-0121)*		
23 05 19 00-0123	EA	3/4" Threaded, Brass, Venturi Flowmeter	330.63	84.79
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0124	EA	1" Threaded, Brass, Venturi Flowmeter	364.94	101.74
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0125	EA	1-1/4" Threaded, Brass, Venturi Flowmeter	402.48	113.09
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0126	EA	1-1/2" Threaded, Brass, Venturi Flowmeter	453.64	127.19
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0127	EA	2" Threaded, Brass, Venturi Flowmeter	540.20	145.39
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0128	EA	2-1/2" Threaded, Brass, Venturi Flowmeter	744.02	205.09
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0129		**Butt Weld, Carbon Steel, Venturi Flowmeters** *(23 05 19 00-0121)*		
23 05 19 00-0130	EA	3" Butt Weld, Carbon Steel, Venturi Flowmeter	1,423.74	174.52
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*376.15*	
23 05 19 00-0131	EA	4" Butt Weld, Carbon Steel, Venturi Flowmeter	1,959.26	209.41
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*539.15*	
23 05 19 00-0132	EA	5" Butt Weld, Carbon Steel, Venturi Flowmeter	2,565.51	261.77
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*714.69*	
23 05 19 00-0133	EA	6" Butt Weld, Carbon Steel, Venturi Flowmeter	3,062.44	349.02
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*827.54*	
23 05 19 00-0134	EA	8" Butt Weld, Carbon Steel, Venturi Flowmeter	4,455.89	418.83
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*1,266.38*	
23 05 19 00-0135	EA	10" Butt Weld, Carbon Steel, Venturi Flowmeter	7,244.64	523.54
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*2,169.15*	
23 05 19 00-0136	EA	12" Butt Weld, Carbon Steel, Venturi Flowmeter	10,905.90	760.00
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*3,285.07*	
23 05 19 00-0137		**Turbine Flowmeter** *(23 05 19)*		
23 05 19 00-0138	EA	Saddle Mount Turbine Flowmeter	999.42	93.52
23 05 19 00-0139		**Water Flow Switches** *(23 05 19)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0140	EA	Flexible Paddle, Single Switch, Brass Body, Water Flow Switch (Taco IFS01BF-1)	311.13	36.75
23 05 19 00-0141	EA	Rigid Paddle, Single Switch, Brass Body, Water Flow Switch (Taco IFS01BR-1)	322.47	36.75
23 05 19 00-0142	EA	Flexible Paddle, Double Switch, Brass Body, Water Flow Switch (Taco IFS02BF-1)	418.25	36.75
23 05 19 00-0143	EA	Rigid Paddle, Double Switch, Brass Body, Water Flow Switch (Taco IFS02BR-1)	432.75	36.75
23 05 19 00-0144	EA	Flexible Paddle, High Current Single Switch, Brass Body, Water Flow Switch (Taco IFSH1BF-1)	336.98	36.75
23 05 19 00-0145	EA	Rigid Paddle, High Current Single Switch, Brass Body, Water Flow Switch (Taco IFSH1BR-1)	350.20	36.75
23 05 19 00-0146	EA	Flexible Paddle, High Current Double Switch, Brass Body, Water Flow Switch (Taco IFSH2BF-1)	444.09	36.75
23 05 19 00-0147	EA	Rigid Paddle, High Current Double Switch, Brass Body, Water Flow Switch (Taco IFSH2BR-1)	457.31	36.75
23 05 19 00-0148	EA	Flexible Paddle, Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS01SF-1)	883.21	36.75
23 05 19 00-0149	EA	Rigid Paddle, Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS01SR-1)	896.03	36.75
23 05 19 00-0150	EA	Flexible Paddle, Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS02SF-1)	1,017.77	36.75
23 05 19 00-0151	EA	Rigid Paddle, Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS02SR-1)	1,035.39	36.75
23 05 19 00-0152	EA	Flexible Paddle, High Current Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH1SF-1)	913.65	36.75
23 05 19 00-0153	EA	Rigid Paddle, High Current Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH1SR-1)	931.27	36.75
23 05 19 00-0154	EA	Flexible Paddle, High Current Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH2SF-1)	1,048.21	36.75
23 05 19 00-0155	EA	Rigid Paddle, High Current Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH2SR-1)	1,067.43	36.75

23 05 23 General-Duty Valves For HVAC Piping *(23 05)*

Note: Flanged valves exclude bolt and gasket sets. See CSI section 22 05 23 00-0000 for additonal valves, 23 21 13 23-0619 for bolt and gasket sets.

23 05 23 00-0001 Gate Valves *(23 05 23)*

23 05 23 00-0002 Class 125 Threaded, Bronze Gate Valves *(23 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure.

23 05 23 00-0003	EA	1/4" Diameter, 125 Lb., Threaded Bronze Gate Valve	69.81	12.47
		For 250 Lb. Rating, Add	*8.38*	
		For 150 Lb. Rating, Add	*3.35*	
		For Work In Restricted Working Space, Add	*10.89*	
		For 200 Lb. Rating, Add	*5.03*	
		For 300 Lb. Rating, Add	*11.73*	
23 05 23 00-0004	EA	3/8" Diameter, 125 Lb., Threaded Bronze Gate Valve	71.71	12.47
		For 250 Lb. Rating, Add	*8.38*	
		For 150 Lb. Rating, Add	*3.35*	
		For Work In Restricted Working Space, Add	*11.46*	
		For 200 Lb. Rating, Add	*5.03*	
		For 300 Lb. Rating, Add	*11.73*	
23 05 23 00-0005	EA	1/2" Diameter, 125 Lb., Threaded Bronze Gate Valve	73.72	12.47
		For 250 Lb. Rating, Add	*8.38*	
		For 150 Lb. Rating, Add	*3.35*	
		For Work In Restricted Working Space, Add	*12.06*	
		For 200 Lb. Rating, Add	*5.03*	
		For 300 Lb. Rating, Add	*11.73*	
23 05 23 00-0006	EA	3/4" Diameter, 125 Lb., Threaded Bronze Gate Valve	94.17	13.71
		For 250 Lb. Rating, Add	*10.00*	
		For 150 Lb. Rating, Add	*4.00*	
		For Work In Restricted Working Space, Add	*16.26*	
		For 200 Lb. Rating, Add	*6.00*	
		For 300 Lb. Rating, Add	*13.99*	
23 05 23 00-0007	EA	1" Diameter, 125 Lb., Threaded Bronze Gate Valve	126.00	15.58
		For 250 Lb. Rating, Add	*15.10*	
		For 150 Lb. Rating, Add	*6.04*	
		For Work In Restricted Working Space, Add	*19.68*	
		For 200 Lb. Rating, Add	*9.06*	
		For 300 Lb. Rating, Add	*21.14*	
23 05 23 00-0008	EA	1-1/4" Diameter, 125 Lb., Threaded Bronze Gate Valve	164.53	16.58
		For 250 Lb. Rating, Add	*20.36*	
		For 150 Lb. Rating, Add	*8.14*	
		For Work In Restricted Working Space, Add	*24.93*	
		For 200 Lb. Rating, Add	*12.21*	
		For 300 Lb. Rating, Add	*28.50*	
23 05 23 00-0009	EA	1-1/2" Diameter, 125 Lb., Threaded Bronze Gate Valve	198.49	19.19
		For 250 Lb. Rating, Add	*25.65*	
		For 150 Lb. Rating, Add	*10.26*	
		For Work In Restricted Working Space, Add	*28.76*	
		For 200 Lb. Rating, Add	*15.39*	
		For 300 Lb. Rating, Add	*35.91*	
23 05 23 00-0010	EA	2" Diameter, 125 Lb., Threaded Bronze Gate Valve	253.51	22.68
		For 250 Lb. Rating, Add	*35.05*	
		For 150 Lb. Rating, Add	*14.02*	
		For Work In Restricted Working Space, Add	*33.99*	
		For 200 Lb. Rating, Add	*21.03*	
		For 300 Lb. Rating, Add	*49.07*	
23 05 23 00-0011	EA	2-1/2" Diameter, 125 Lb., Threaded Bronze Gate Valve	552.89	30.65
		For Chain Operated Type, Add	*179.94*	
		For 250 Lb. Rating, Add	*99.97*	
		For 150 Lb. Rating, Add	*39.99*	
		For Work In Restricted Working Space, Add	*45.91*	
		For 200 Lb. Rating, Add	*59.98*	
		For 300 Lb. Rating, Add	*139.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0012	EA	3" Diameter, 125 Lb., Threaded Bronze Gate Valve	654.55	35.58
		For Chain Operated Type, Add	*215.09*	
		For 250 Lb. Rating, Add	*119.50*	
		For 150 Lb. Rating, Add	*47.80*	
		For Work In Restricted Working Space, Add	*52.97*	
		For 200 Lb. Rating, Add	*71.70*	
		For 300 Lb. Rating, Add	*167.29*	
23 05 23 00-0013	EA	4" Diameter, 125 Lb., Threaded Bronze Gate Valve	1,339.53	40.17
		For Chain Operated Type, Add	*512.41*	
		For 250 Lb. Rating, Add	*284.67*	
		For 150 Lb. Rating, Add	*113.87*	
		For Work In Restricted Working Space, Add	*60.26*	
		For 200 Lb. Rating, Add	*170.80*	
		For 300 Lb. Rating, Add	*398.54*	

23 05 23 00-0014 Class 125 Non-Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valves *(23 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure.

23 05 23 00-0015	EA	1-1/2" Diameter, Class 125 Non-Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	293.79	19.19
		For 250 Lb. Rating, Add	*69.27*	
		For Work In Restricted Working Space, Add	*28.76*	
		For Chain Operated Type, Add	*69.27*	
		For 150 Lb. Rating, Add	*39.58*	
23 05 23 00-0016	EA	2" Diameter, Class 125 Non-Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	447.73	22.68
		For 250 Lb. Rating, Add	*117.05*	
		For Work In Restricted Working Space, Add	*33.99*	
		For Chain Operated Type, Add	*117.05*	
		For 150 Lb. Rating, Add	*66.88*	
23 05 23 00-0017	EA	2-1/2" Diameter, Class 125 Non-Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	656.00	30.65
		For 250 Lb. Rating, Add	*176.04*	
		For Work In Restricted Working Space, Add	*45.91*	
		For Chain Operated Type, Add	*176.04*	
		For 150 Lb. Rating, Add	*100.59*	
23 05 23 00-0018	EA	3" Diameter, Class 125 Non-Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	836.49	35.58
		For 250 Lb. Rating, Add	*230.97*	
		For Work In Restricted Working Space, Add	*52.97*	
		For Chain Operated Type, Add	*230.97*	
		For 150 Lb. Rating, Add	*131.98*	
23 05 23 00-0019	EA	4" Diameter, Class 125 Non-Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	1,977.29	40.17
		For 250 Lb. Rating, Add	*621.75*	
		For Work In Restricted Working Space, Add	*60.26*	
		For Chain Operated Type, Add	*621.75*	
		For 150 Lb. Rating, Add	*355.29*	

23 05 23 00-0020 Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valves *(23 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure.

23 05 23 00-0021	EA	1-1/2" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	771.95	130.87
		For Chain Operated Type, Add	*303.98*	
		For 150 Lb. Rating, Add	*176.31*	
		For 300 Lb. Rating, ASTM A182, Add	*689.95*	
		For Work In Restricted Working Space, Add	*49.20*	
		For 250 Lb. Rating, Add	*303.98*	
23 05 23 00-0022	EA	2" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	843.56	166.15
		For Chain Operated Type, Add	*317.91*	
		For 150 Lb. Rating, Add	*184.39*	
		For 300 Lb. Rating, ASTM A182, Add	*739.69*	
		For Work In Restricted Working Space, Add	*62.32*	
		For 250 Lb. Rating, Add	*317.91*	
23 05 23 00-0023	EA	2-1/2" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	971.54	166.42
		For Chain Operated Type, Add	*381.43*	
		For 150 Lb. Rating, Add	*221.23*	
		For 300 Lb. Rating, ASTM A182, Add	*867.20*	
		For Work In Restricted Working Space, Add	*62.60*	
		For 250 Lb. Rating, Add	*381.43*	
23 05 23 00-0024	EA	3" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,197.73	195.12
		For Chain Operated Type, Add	*476.77*	
		For 150 Lb. Rating, Add	*276.52*	
		For 300 Lb. Rating, ASTM A182, Add	*1,075.63*	
		For Work In Restricted Working Space, Add	*73.26*	
		For 250 Lb. Rating, Add	*476.77*	
23 05 23 00-0025	EA	4" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,681.34	327.10
		For Chain Operated Type, Add	*635.72*	
		For 150 Lb. Rating, Add	*368.72*	
		For 300 Lb. Rating, ASTM A182, Add	*1,476.39*	
		For Work In Restricted Working Space, Add	*122.97*	
		For 250 Lb. Rating, Add	*635.72*	
23 05 23 00-0026	EA	5" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	2,105.54	362.81
		For Chain Operated Type, Add	*826.36*	
		For 150 Lb. Rating, Add	*479.29*	
		For 300 Lb. Rating, ASTM A182, Add	*1,879.13*	
		For Work In Restricted Working Space, Add	*135.85*	
		For 250 Lb. Rating, Add	*826.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0027	EA	6" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	2,539.61	403.13
		For Chain Operated Type, Add	*1,016.95*	
		For 150 Lb. Rating, Add	*589.83*	
		For 300 Lb. Rating, ASTM A182, Add	*2,286.75*	
		For Work In Restricted Working Space, Add	*151.72*	
		For 250 Lb. Rating, Add	*1,016.95*	
23 05 23 00-0028	EA	8" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	4,009.04	515.11
		For Chain Operated Type, Add	*1,684.58*	
		For 150 Lb. Rating, Add	*977.06*	
		For 300 Lb. Rating, ASTM A182, Add	*3,689.10*	
		For Work In Restricted Working Space, Add	*191.96*	
		For 250 Lb. Rating, Add	*1,684.58*	
23 05 23 00-0029	EA	10" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	5,233.39	627.09
		For Chain Operated Type, Add	*2,224.77*	
		For 150 Lb. Rating, Add	*1,290.36*	
		For 300 Lb. Rating, ASTM A182, Add	*4,841.46*	
		For Work In Restricted Working Space, Add	*235.16*	
		For 250 Lb. Rating, Add	*2,224.77*	
23 05 23 00-0030	EA	12" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	7,306.92	761.46
		For Chain Operated Type, Add	*3,178.40*	
		For 150 Lb. Rating, Add	*1,843.47*	
		For 300 Lb. Rating, ASTM A182, Add	*6,831.86*	
		For Work In Restricted Working Space, Add	*285.04*	
		For 250 Lb. Rating, Add	*3,178.40*	

23 05 23 00-0031 Class 125 Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valves *(23 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure.

23 05 23 00-0032	EA	1-1/2" Diameter, 125 Lb. Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	581.01	19.19
		For Work In Restricted Working Space, Add	*28.76*	
		For 175 Lb. Rating, Add	*242.57*	
		For 250 Lb. Rating, Add	*363.85*	
23 05 23 00-0033	EA	2" Diameter, 125 Lb. Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	740.46	22.68
		For Work In Restricted Working Space, Add	*33.99*	
		For 175 Lb. Rating, Add	*313.58*	
		For 250 Lb. Rating, Add	*470.36*	
23 05 23 00-0034	EA	2-1/2" Diameter, 125 Lb. Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	860.22	30.65
		For Work In Restricted Working Space, Add	*45.91*	
		For 175 Lb. Rating, Add	*353.60*	
		For 250 Lb. Rating, Add	*530.39*	
23 05 23 00-0035	EA	3" Diameter, 125 Lb. Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	956.88	35.58
		For Work In Restricted Working Space, Add	*52.97*	
		For 175 Lb. Rating, Add	*390.16*	
		For 250 Lb. Rating, Add	*585.23*	
23 05 23 00-0036	EA	4" Diameter, 125 Lb. Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	1,278.35	40.17
		For Work In Restricted Working Space, Add	*60.26*	
		For 175 Lb. Rating, Add	*538.75*	
		For 250 Lb. Rating, Add	*808.13*	

23 05 23 00-0037 Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valves *(23 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure for up to 12". 100 psi steam, basic rating. 150 psi cold working pressure for >12" to 24". 50 psi steam, basic rating. 150 psi cold working pressure for >24".

23 05 23 00-0038	EA	1-1/2" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,040.40	130.87
		For 250 Lb. Rating, Add	*569.66*	
		For Work In Restricted Working Space, Add	*49.20*	
		For 175 Lb. Rating, Add	*271.68*	
		For 150 Lb. Rating, Add	*131.46*	
		For Chain Operated Type, Add	*438.20*	
23 05 23 00-0039	EA	2" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,110.18	166.15
		For 250 Lb. Rating, Add	*586.59*	
		For Work In Restricted Working Space, Add	*62.32*	
		For 175 Lb. Rating, Add	*279.76*	
		For 150 Lb. Rating, Add	*135.37*	
		For Chain Operated Type, Add	*451.22*	
23 05 23 00-0040	EA	2-1/2" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,140.57	166.42
		For 250 Lb. Rating, Add	*605.73*	
		For Work In Restricted Working Space, Add	*62.60*	
		For 175 Lb. Rating, Add	*288.89*	
		For 150 Lb. Rating, Add	*139.78*	
		For Chain Operated Type, Add	*465.95*	
23 05 23 00-0041	EA	3" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,269.53	195.12
		For 250 Lb. Rating, Add	*666.46*	
		For Work In Restricted Working Space, Add	*73.26*	
		For 175 Lb. Rating, Add	*317.85*	
		For 150 Lb. Rating, Add	*153.80*	
		For Chain Operated Type, Add	*512.67*	
23 05 23 00-0042	EA	4" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,653.36	327.10
		For 250 Lb. Rating, Add	*808.25*	
		For Work In Restricted Working Space, Add	*122.97*	
		For 175 Lb. Rating, Add	*385.47*	
		For 150 Lb. Rating, Add	*186.52*	
		For Chain Operated Type, Add	*621.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0043	EA	5" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	2,187.72	362.81
		For 250 Lb. Rating, Add	*1,127.69*	
		For Work In Restricted Working Space, Add	*135.85*	
		For 175 Lb. Rating, Add	*537.82*	
		For 150 Lb. Rating, Add	*260.24*	
		For Chain Operated Type, Add	*867.45*	
23 05 23 00-0044	EA	6" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	2,487.04	403.13
		For 250 Lb. Rating, Add	*1,287.86*	
		For Work In Restricted Working Space, Add	*151.72*	
		For 175 Lb. Rating, Add	*614.21*	
		For 150 Lb. Rating, Add	*297.20*	
		For Chain Operated Type, Add	*990.66*	
23 05 23 00-0045	EA	8" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	3,990.83	515.11
		For 250 Lb. Rating, Add	*2,178.12*	
		For Work In Restricted Working Space, Add	*191.96*	
		For 175 Lb. Rating, Add	*1,038.79*	
		For 150 Lb. Rating, Add	*502.64*	
		For Chain Operated Type, Add	*1,675.48*	
23 05 23 00-0046	EA	10" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	5,940.97	627.09
		For 250 Lb. Rating, Add	*3,352.12*	
		For Work In Restricted Working Space, Add	*235.16*	
		For 175 Lb. Rating, Add	*1,598.70*	
		For 150 Lb. Rating, Add	*773.57*	
		For Chain Operated Type, Add	*2,578.56*	
23 05 23 00-0047	EA	12" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	7,486.33	761.46
		For 250 Lb. Rating, Add	*4,248.53*	
		For Work In Restricted Working Space, Add	*285.04*	
		For 175 Lb. Rating, Add	*2,026.22*	
		For 150 Lb. Rating, Add	*980.43*	
		For Chain Operated Type, Add	*3,268.10*	

23 05 23 00-0048 Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valves *(23 05 23 00-0001)*

Note: 800 PSIG at 850 degrees F.

23 05 23 00-0049	EA	1/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	175.33	12.47
		For Work In Restricted Working Space, Add	*10.89*	
23 05 23 00-0050	EA	1/2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	179.24	12.47
		For Work In Restricted Working Space, Add	*12.06*	
23 05 23 00-0051	EA	3/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	211.88	13.71
		For Work In Restricted Working Space, Add	*16.26*	
23 05 23 00-0052	EA	1" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	257.21	15.58
		For Work In Restricted Working Space, Add	*19.68*	
23 05 23 00-0053	EA	1-1/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	392.23	16.58
		For Work In Restricted Working Space, Add	*24.93*	
23 05 23 00-0054	EA	1-1/2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	463.81	19.19
		For Work In Restricted Working Space, Add	*28.76*	
23 05 23 00-0055	EA	2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	582.98	22.68
		For Work In Restricted Working Space, Add	*33.99*	

23 05 23 00-0056 Ball Valves *(23 05 23)*

23 05 23 00-0057 Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valves *(23 05 23 00-0056)*

Note: 125 Lb. WSP.

23 05 23 00-0058	EA	1/2" Diameter Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	55.24	12.47
		For Full Port, Add	*6.76*	
		For Work In Restricted Working Space, Add	*12.06*	
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
23 05 23 00-0059	EA	3/4" Diameter Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	77.30	13.71
		For Full Port, Add	*10.40*	
		For Work In Restricted Working Space, Add	*16.26*	
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
23 05 23 00-0060	EA	1" Diameter Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	96.80	15.58
		For Full Port, Add	*14.04*	
		For Work In Restricted Working Space, Add	*19.68*	
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
23 05 23 00-0061	EA	1-1/4" Diameter Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	135.48	16.58
		For Full Port, Add	*23.57*	
		For Work In Restricted Working Space, Add	*24.93*	
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
23 05 23 00-0062	EA	1-1/2" Diameter Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	162.78	19.19
		For Full Port, Add	*30.11*	
		For Work In Restricted Working Space, Add	*28.76*	
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0063	EA	2" Diameter Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	197.11	22.68
		For Full Port, Add	*37.71*	
		For Work In Restricted Working Space, Add	*33.99*	
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
23 05 23 00-0064	EA	2-1/2" Diameter Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	548.50	30.65
		For Full Port, Add	*177.96*	
		For Work In Restricted Working Space, Add	*45.91*	
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
23 05 23 00-0065	EA	3" Diameter Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	632.86	35.58
		For Full Port, Add	*205.33*	
		For Work In Restricted Working Space, Add	*52.97*	
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
23 05 23 00-0066	EA	4" Diameter Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	822.94	40.17
		For Full Port, Add	*279.94*	
		For Work In Restricted Working Space, Add	*60.26*	
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	

23 05 23 00-0067 Screwed, 150 Lb., Full Port, Carbon Steel Ball Valves *(23 05 23 00-0056)*

23 05 23 00-0068	EA	1/4" Diameter Threaded, 150 Lb., Full Port, Carbon Steel Ball Valve	65.06	12.47
		For Work In Restricted Working Space, Add	*10.89*	
23 05 23 00-0069	EA	1/2" Diameter Threaded, 150 Lb., Full Port, Carbon Steel Ball Valve	71.43	12.47
		For Work In Restricted Working Space, Add	*12.06*	
23 05 23 00-0070	EA	3/4" Diameter Threaded, 150 Lb., Full Port, Carbon Steel Ball Valve	99.34	13.71
		For Work In Restricted Working Space, Add	*16.26*	
23 05 23 00-0071	EA	1" Diameter Threaded, 150 Lb., Full Port, Carbon Steel Ball Valve	126.32	15.58
		For Work In Restricted Working Space, Add	*19.68*	
23 05 23 00-0072	EA	1-1/4" Diameter Threaded, 150 Lb., Full Port, Carbon Steel Ball Valve	186.86	16.58
		For Work In Restricted Working Space, Add	*24.93*	
23 05 23 00-0073	EA	1-1/2" Diameter Threaded, 150 Lb., Full Port, Carbon Steel Ball Valve	227.33	19.19
		For Work In Restricted Working Space, Add	*28.76*	
23 05 23 00-0074	EA	2" Diameter Threaded, 150 Lb., Full Port, Carbon Steel Ball Valve	294.31	22.68
		For Work In Restricted Working Space, Add	*33.99*	

23 05 23 00-0075 Flanged, 150 Lb., Full Port, Carbon Steel Ball Valves *(23 05 23 00-0056)*

23 05 23 00-0076	EA	1-1/2" Diameter Flanged, 150 Lb., Full Port, Carbon Steel Ball Valve	620.46	130.87
		For Chain Operated Type, Add	*228.23*	
		For 150 Lb. Rating, Add	*132.37*	
		For 300 Lb. Rating, ASTM A182, Add	*538.46*	
		For Work In Restricted Working Space, Add	*49.20*	
		For Work In Restricted Working Space, Add	*49.20*	
		For 250 Lb. Rating, Add	*228.23*	
23 05 23 00-0077	EA	2" Diameter Flanged, 150 Lb., Full Port, Carbon Steel Ball Valve	774.02	166.15
		For Chain Operated Type, Add	*283.14*	
		For 150 Lb. Rating, Add	*164.22*	
		For 300 Lb. Rating, ASTM A182, Add	*670.15*	
		For Work In Restricted Working Space, Add	*62.32*	
		For Work In Restricted Working Space, Add	*62.32*	
		For 250 Lb. Rating, Add	*283.14*	
23 05 23 00-0078	EA	2-1/2" Diameter Flanged, 150 Lb., Full Port, Carbon Steel Ball Valve	1,243.13	166.42
		For Chain Operated Type, Add	*517.23*	
		For 150 Lb. Rating, Add	*299.99*	
		For 300 Lb. Rating, ASTM A182, Add	*1,138.79*	
		For Work In Restricted Working Space, Add	*62.60*	
		For Work In Restricted Working Space, Add	*62.60*	
		For 250 Lb. Rating, Add	*517.23*	
23 05 23 00-0079	EA	3" Diameter Flanged, 150 Lb., Full Port, Carbon Steel Ball Valve	1,362.65	195.12
		For Chain Operated Type, Add	*559.23*	
		For 150 Lb. Rating, Add	*324.35*	
		For 300 Lb. Rating, ASTM A182, Add	*1,240.55*	
		For Work In Restricted Working Space, Add	*73.26*	
		For Work In Restricted Working Space, Add	*73.26*	
		For 250 Lb. Rating, Add	*559.23*	
23 05 23 00-0080	EA	4" Diameter Flanged, 150 Lb., Full Port, Carbon Steel Ball Valve	1,980.87	327.10
		For Work In Restricted Working Space, Add	*122.97*	
23 05 23 00-0081	EA	6" Diameter Flanged, 150 Lb., Full Port, Carbon Steel Ball Valve	4,765.16	403.13
		For Work In Restricted Working Space, Add	*151.72*	
23 05 23 00-0082	EA	8" Diameter Flanged, 150 Lb., Full Port, Carbon Steel Ball Valve	8,197.36	515.11
		For Work In Restricted Working Space, Add	*191.96*	

23 05 23 00-0083 Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valves *(23 05 23 00-0056)*

23 05 23 00-0084	EA	1/2" Diameter Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	46.55	12.47
		For True Union Socket Or Thread Type, Add	*4.65*	
		For Work In Restricted Working Space, Add	*12.06*	
23 05 23 00-0085	EA	3/4" Diameter Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	61.49	13.71
		For True Union Socket Or Thread Type, Add	*5.76*	
		For Work In Restricted Working Space, Add	*16.26*	
23 05 23 00-0086	EA	1" Diameter Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	75.77	15.58
		For True Union Socket Or Thread Type, Add	*7.51*	
		For Work In Restricted Working Space, Add	*19.68*	
23 05 23 00-0087	EA	1-1/4" Diameter Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	96.45	16.58
		For True Union Socket Or Thread Type, Add	*9.70*	
		For Work In Restricted Working Space, Add	*24.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0088	EA	1-1/2" Diameter Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	119.10	19.19
		For True Union Socket Or Thread Type, Add	*14.32*	
		For Work In Restricted Working Space, Add	*28.76*	
23 05 23 00-0089	EA	2" Diameter Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	142.91	22.68
		For True Union Socket Or Thread Type, Add	*17.79*	
		For Work In Restricted Working Space, Add	*33.99*	
23 05 23 00-0090	EA	2-1/2" Diameter Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	216.71	30.65
		For True Union Socket Or Thread Type, Add	*33.51*	
		For Work In Restricted Working Space, Add	*45.91*	
23 05 23 00-0091	EA	3" Diameter Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	284.85	35.58
		For True Union Socket Or Thread Type, Add	*52.58*	
		For Work In Restricted Working Space, Add	*52.97*	
23 05 23 00-0092	EA	4" Diameter Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	407.89	40.17
		For True Union Socket Or Thread Type, Add	*93.36*	
		For Work In Restricted Working Space, Add	*60.26*	
23 05 23 00-0093		**Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valves** *(23 05 23 00-0056)*		
23 05 23 00-0094	EA	1/4" Diameter Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	99.64	18.70
		For Full Port, Add	*20.34*	
		For Work In Restricted Working Space, Add	*16.34*	
23 05 23 00-0095	EA	3/8" Diameter Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	102.50	18.70
		For Full Port, Add	*20.34*	
		For Work In Restricted Working Space, Add	*17.19*	
23 05 23 00-0096	EA	1/2" Diameter Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	105.50	18.70
		For Full Port, Add	*20.34*	
		For Work In Restricted Working Space, Add	*18.09*	
23 05 23 00-0097	EA	3/4" Diameter Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	129.21	20.57
		For Full Port, Add	*21.56*	
		For Work In Restricted Working Space, Add	*24.39*	
23 05 23 00-0098	EA	1" Diameter Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	169.39	23.37
		For Full Port, Add	*31.94*	
		For Work In Restricted Working Space, Add	*29.52*	
23 05 23 00-0099	EA	1-1/4" Diameter Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	221.79	24.87
		For Full Port, Add	*43.72*	
		For Work In Restricted Working Space, Add	*37.39*	
23 05 23 00-0100	EA	1-1/2" Diameter Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	272.99	28.79
		For Full Port, Add	*58.13*	
		For Work In Restricted Working Space, Add	*43.15*	
23 05 23 00-0101	EA	2" Diameter Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	380.19	34.03
		For Full Port, Add	*94.60*	
		For Work In Restricted Working Space, Add	*50.99*	
23 05 23 00-0102	EA	2-1/2" Diameter Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	739.71	45.96
		For Full Port, Add	*229.58*	
		For Work In Restricted Working Space, Add	*68.86*	
23 05 23 00-0103	EA	3" Diameter Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	1,074.99	53.37
		For Full Port, Add	*364.55*	
		For Work In Restricted Working Space, Add	*79.46*	
23 05 23 00-0104		**Wye Strainer, Union With Two Pressure Ports, Ball Valves** *(23 05 23 00-0056)*		
23 05 23 00-0105	EA	1/2" Diameter, Wye Strainer, Union With Two Pressure Ports, Ball Valve	182.40	12.47
23 05 23 00-0106	EA	3/4" Diameter, Wye Strainer, Union With Two Pressure Ports, Ball Valve	234.00	16.20
23 05 23 00-0107	EA	1" Diameter, Wye Strainer, Union With Two Pressure Ports, Ball Valve	301.55	19.95
23 05 23 00-0108	EA	1-1/4" Diameter, Wye Strainer, Union With Two Pressure Ports, Ball Valve	411.46	27.42
23 05 23 00-0109	EA	1-1/2" Diameter, Wye Strainer, Union With Two Pressure Ports, Ball Valve	514.54	31.91
23 05 23 00-0110	EA	2" Diameter, Wye Strainer, Union With Two Pressure Ports, Ball Valve	678.93	37.40
23 05 23 00-0111		**Plastic Ball Valves** *(23 05 23 00-0056)*		
		Note: Threaded or socket.		
23 05 23 00-0112		**Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valves** *(23 05 23 00-0111)*		
23 05 23 00-0113	EA	3/8" Diameter, Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valve (George Fisher Type 346)	75.52	12.47
23 05 23 00-0114	EA	1/2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valve (George Fisher Type 346)	78.87	12.47
23 05 23 00-0115	EA	3/4" Diameter, Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valve (George Fisher Type 346)	100.05	13.71
23 05 23 00-0116	EA	1" Diameter, Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valve (George Fisher Type 346)	129.91	15.58
23 05 23 00-0117	EA	1-1/4" Diameter, Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valve (George Fisher Type 346)	154.83	16.58
23 05 23 00-0118	EA	1-1/2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valve (George Fisher Type 346)	187.23	19.19
23 05 23 00-0119	EA	2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valve (George Fisher Type 346)	227.85	22.68
23 05 23 00-0120		**Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valves** *(23 05 23 00-0111)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0121	EA	3/8" Diameter, Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valve (George Fisher Type 346)	112.02	12.47
23 05 23 00-0122	EA	1/2" Diameter, Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valve (George Fisher Type 346)	113.71	12.47
23 05 23 00-0123	EA	3/4" Diameter, Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valve (George Fisher Type 346)	143.18	13.71
23 05 23 00-0124	EA	1" Diameter, Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valve (George Fisher Type 346)	176.75	15.58
23 05 23 00-0125	EA	1-1/4" Diameter, Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valve (George Fisher Type 346)	265.57	16.58
23 05 23 00-0126	EA	1-1/2" Diameter, Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valve (George Fisher Type 346)	294.94	19.19
23 05 23 00-0127	EA	2" Diameter, Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valve (George Fisher Type 346)	353.84	22.68
23 05 23 00-0128		**Viton Liner And Seals, Polypropylene (PP) Ball Valves** *(23 05 23 00-0111)*		
23 05 23 00-0129	EA	3/8" Diameter, Viton Liner And Seals, Polypropylene (PP) Ball Valve (George Fisher Type 346)	124.46	12.47
23 05 23 00-0130	EA	1/2" Diameter, Viton Liner And Seals, Polypropylene (PP) Ball Valve (George Fisher Type 346)	134.44	12.47
23 05 23 00-0131	EA	3/4" Diameter, Viton Liner And Seals, Polypropylene (PP) Ball Valve (George Fisher Type 346)	154.79	13.71
23 05 23 00-0132	EA	1" Diameter, Viton Liner And Seals, Polypropylene (PP) Ball Valve (George Fisher Type 346)	190.02	15.58
23 05 23 00-0133	EA	1-1/4" Diameter, Viton Liner And Seals, Polypropylene (PP) Ball Valve (George Fisher Type 346)	239.03	16.58
23 05 23 00-0134	EA	1-1/2" Diameter, Viton Liner And Seals, Polypropylene (PP) Ball Valve (George Fisher Type 346)	286.64	19.19
23 05 23 00-0135	EA	2" Diameter, Viton Liner And Seals, Polypropylene (PP) Ball Valve (George Fisher Type 346)	370.42	22.68
23 05 23 00-0136		**Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valves** *(23 05 23 00-0111)*		
23 05 23 00-0137	EA	3/8" Diameter, Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valve (George Fisher Type 346)	247.21	12.47
23 05 23 00-0138	EA	1/2" Diameter, Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valve (George Fisher Type 346)	263.83	12.47
23 05 23 00-0139	EA	3/4" Diameter, Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valve (George Fisher Type 346)	314.03	13.71
23 05 23 00-0140	EA	1" Diameter, Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valve (George Fisher Type 346)	367.51	15.58
23 05 23 00-0141	EA	1-1/4" Diameter, Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valve (George Fisher Type 346)	448.04	16.58
23 05 23 00-0142	EA	1-1/2" Diameter, Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valve (George Fisher Type 346)	493.99	19.19
23 05 23 00-0143	EA	2" Diameter, Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valve (George Fisher Type 346)	569.48	22.68
23 05 23 00-0144		**Ethylene Propylene Diene Monomer (EPDM) Seals And Teflon Seats, Polyvinyl Chloride (PVC) Ball Valves** *(23 05 23 00-0111)*		
23 05 23 00-0145	EA	1/2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals And Teflon Seats, Polyvinyl Chloride (PVC) Ball Valve (Hayward QIC Compact)	52.57	12.47
23 05 23 00-0146	EA	3/4" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals And Teflon Seats, Polyvinyl Chloride (PVC) Ball Valve (Hayward QIC Compact)	70.44	13.71
23 05 23 00-0147	EA	1" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals And Teflon Seats, Polyvinyl Chloride (PVC) Ball Valve (Hayward QIC Compact)	85.52	15.58
23 05 23 00-0148	EA	1-1/4" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals And Teflon Seats, Polyvinyl Chloride (PVC) Ball Valve (Hayward QIC Compact)	118.27	16.58
23 05 23 00-0149	EA	1-1/2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals And Teflon Seats, Polyvinyl Chloride (PVC) Ball Valve (Hayward QIC Compact)	131.05	19.19
23 05 23 00-0150	EA	2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals And Teflon Seats, Polyvinyl Chloride (PVC) Ball Valve (Hayward QIC Compact)	159.67	22.68
23 05 23 00-0151		**Plastic, True Union, Ball Valves** *(23 05 23 00-0056)*		
23 05 23 00-0152		**Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valves** *(23 05 23 00-0151)*		
		Note: Socket or NPT connectors.		
23 05 23 00-0153	EA	3/8" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valve (George Fisher Type 343)	121.14	12.47
23 05 23 00-0154	EA	1/2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valve (George Fisher Type 343)	126.15	12.47
23 05 23 00-0155	EA	3/4" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valve (George Fisher Type 343)	153.13	13.71
23 05 23 00-0156	EA	1" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valve (George Fisher Type 343)	188.36	15.58
23 05 23 00-0157	EA	1-1/4" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valve (George Fisher Type 343)	227.42	16.58
23 05 23 00-0158	EA	1-1/2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valve (George Fisher Type 343)	261.76	19.19
23 05 23 00-0159	EA	2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valve (George Fisher Type 343)	320.66	22.68
23 05 23 00-0160		**Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valves** *(23 05 23 00-0151)*		
		Note: Socket or NPT connectors.		
23 05 23 00-0161	EA	3/8" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valve (George Fisher Type 343)	122.80	12.47
23 05 23 00-0162	EA	1/2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valve (George Fisher Type 343)	142.74	12.47

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23 05 23 00-0163	EA	3/4" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valve (George Fisher Type 343)	154.79	13.71
23 05 23 00-0164	EA	1" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valve (George Fisher Type 343)	188.36	15.58
23 05 23 00-0165	EA	1-1/4" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valve (George Fisher Type 343)	224.10	16.58
23 05 23 00-0166	EA	1-1/2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valve (George Fisher Type 343)	260.10	19.19
23 05 23 00-0167	EA	2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valve (George Fisher Type 343)	320.66	22.68
23 05 23 00-0168		**Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valves** *(23 05 23 00-0151)*		
		Note: Socket or NPT connectors.		
23 05 23 00-0169	EA	1/2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)	68.09	12.47
23 05 23 00-0170	EA	3/4" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)	87.61	13.71
23 05 23 00-0171	EA	1" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)	105.42	15.58
23 05 23 00-0172	EA	1-1/4" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)	138.67	16.58
23 05 23 00-0173	EA	1-1/2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)	162.23	19.19
23 05 23 00-0174	EA	2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)	221.13	22.68
23 05 23 00-0175	EA	2-1/2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)	308.96	30.65
23 05 23 00-0176	EA	3" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)	388.90	35.58
23 05 23 00-0177	EA	4" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)	549.20	40.17
23 05 23 00-0178		**Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valves** *(23 05 23 00-0151)*		
		Note: Socket or NPT connectors.		
23 05 23 00-0179	EA	1/2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)	79.70	12.47
23 05 23 00-0180	EA	3/4" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)	104.19	13.71
23 05 23 00-0181	EA	1" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)	128.64	15.58
23 05 23 00-0182	EA	1-1/4" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)	179.31	16.58
23 05 23 00-0183	EA	1-1/2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)	197.07	19.19
23 05 23 00-0184	EA	2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)	252.65	22.68
23 05 23 00-0185	EA	2-1/2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)	435.03	30.65
23 05 23 00-0186	EA	3" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)	508.33	35.58
23 05 23 00-0187	EA	4" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)	781.43	40.17
23 05 23 00-0188		**Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valves** *(23 05 23 00-0151)*		
23 05 23 00-0189		**Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valves** *(23 05 23 00-0188)*		
23 05 23 00-0190	EA	1/4" Diameter Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	65.74	12.47
23 05 23 00-0191	EA	3/8" Diameter Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	67.64	12.47
23 05 23 00-0192	EA	1/2" Diameter Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	69.32	12.47
23 05 23 00-0193	EA	3/4" Diameter Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	88.60	13.71
23 05 23 00-0194	EA	1" Diameter Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	108.53	15.58
23 05 23 00-0195	EA	1-1/4" Diameter Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	132.01	16.58
23 05 23 00-0196	EA	1-1/2" Diameter Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	158.75	19.19
23 05 23 00-0197	EA	2" Diameter Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	202.89	22.68
23 05 23 00-0198	EA	2-1/2" Diameter Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	374.48	30.65
23 05 23 00-0199	EA	3" Diameter Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	417.10	35.58
23 05 23 00-0200	EA	4" Diameter Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	574.91	40.17
23 05 23 00-0201		**Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valves** *(23 05 23 00-0188)*		
23 05 23 00-0202	EA	1/4" Diameter Threaded Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	65.74	12.47
23 05 23 00-0203	EA	3/8" Diameter Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	67.64	12.47
23 05 23 00-0204	EA	1/2" Diameter Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	69.32	12.47
23 05 23 00-0205	EA	3/4" Diameter Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	88.60	13.71
23 05 23 00-0206	EA	1" Diameter Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	108.53	15.58
23 05 23 00-0207	EA	1-1/4" Diameter Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	132.01	16.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0208	EA	1-1/2" Diameter Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	158.75	19.19
23 05 23 00-0209	EA	2" Diameter Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	202.89	22.68
23 05 23 00-0210	EA	2-1/2" Diameter Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	374.48	30.65
23 05 23 00-0211	EA	3" Diameter Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	417.10	35.58
23 05 23 00-0212	EA	4" Diameter Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	574.91	40.17

23 05 23 00-0213 Three Piece Ball Valves *(23 05 23 00-0056)*

23 05 23 00-0214 Threaded Or Sweated, Bronze Body, Three Piece Ball Valves *(23 05 23 00-0213)*

23 05 23 00-0215	EA	1/4" Diameter Threaded Or Sweated, Bronze Body, Three Piece Ball Valve	106.11	12.47
		For Work In Restricted Working Space, Add	*10.89*	
23 05 23 00-0216	EA	3/8" Diameter Threaded Or Sweated, Bronze Body, Three Piece Ball Valve	108.01	12.47
		For Work In Restricted Working Space, Add	*11.46*	
23 05 23 00-0217	EA	1/2" Diameter Threaded Or Sweated, Bronze Body, Three Piece Ball Valve	121.13	12.47
		For Work In Restricted Working Space, Add	*12.06*	
23 05 23 00-0218	EA	3/4" Diameter Threaded Or Sweated, Bronze Body, Three Piece Ball Valve	153.49	13.71
		For Work In Restricted Working Space, Add	*16.26*	
23 05 23 00-0219	EA	1" Diameter Threaded Or Sweated, Bronze Body, Three Piece Ball Valve	196.02	15.58
		For Work In Restricted Working Space, Add	*19.68*	
23 05 23 00-0220	EA	1-1/4" Diameter Threaded Or Sweated, Bronze Body, Three Piece Ball Valve	270.56	16.58
		For Work In Restricted Working Space, Add	*24.93*	
23 05 23 00-0221	EA	1-1/2" Diameter Threaded Or Sweated, Bronze Body, Three Piece Ball Valve	338.57	19.19
		For Work In Restricted Working Space, Add	*28.76*	
23 05 23 00-0222	EA	2" Diameter Threaded Or Sweated, Bronze Body, Three Piece Ball Valve	553.04	22.68
		For Work In Restricted Working Space, Add	*33.99*	
23 05 23 00-0223	EA	2-1/2" Diameter Threaded Or Sweated, Bronze Body, Three Piece Ball Valve	1,188.56	32.54
		For Work In Restricted Working Space, Add	*49.85*	

23 05 23 00-0224 Threaded, Carbon Steel Body, Three Piece Ball Valves *(23 05 23 00-0213)*

23 05 23 00-0225	EA	1/4" Diameter Threaded, Carbon Steel Body, Three Piece Ball Valve	122.95	12.47
		For Work In Restricted Working Space, Add	*10.89*	
23 05 23 00-0226	EA	3/8" Diameter Threaded, Carbon Steel Body, Three Piece Ball Valve	134.62	12.47
		For Work In Restricted Working Space, Add	*11.46*	
23 05 23 00-0227	EA	1/2" Diameter Threaded, Carbon Steel Body, Three Piece Ball Valve	142.85	12.47
		For Work In Restricted Working Space, Add	*12.06*	
23 05 23 00-0228	EA	3/4" Diameter Threaded, Carbon Steel Body, Three Piece Ball Valve	227.74	13.71
		For Work In Restricted Working Space, Add	*16.26*	
23 05 23 00-0229	EA	1" Diameter Threaded, Carbon Steel Body, Three Piece Ball Valve	290.90	15.58
		For Work In Restricted Working Space, Add	*19.68*	
23 05 23 00-0230	EA	1-1/4" Diameter Threaded, Carbon Steel Body, Three Piece Ball Valve	440.15	16.58
		For Work In Restricted Working Space, Add	*24.93*	
23 05 23 00-0231	EA	1-1/2" Diameter Threaded, Carbon Steel Body, Three Piece Ball Valve	559.86	19.19
		For Work In Restricted Working Space, Add	*28.76*	
23 05 23 00-0232	EA	2" Diameter Threaded, Carbon Steel Body, Three Piece Ball Valve	727.86	22.68
		For Work In Restricted Working Space, Add	*33.99*	

23 05 23 00-0233 Threaded, Stainless Steel Body, Three Piece Ball Valves *(23 05 23 00-0213)*

23 05 23 00-0234	EA	1/4" Diameter Threaded, Stainless Steel Body, Three Piece Ball Valve	316.49	12.47
		For Work In Restricted Working Space, Add	*10.89*	
23 05 23 00-0235	EA	3/8" Diameter Threaded, Stainless Steel Body, Three Piece Ball Valve	339.26	12.47
		For Work In Restricted Working Space, Add	*11.46*	
23 05 23 00-0236	EA	1/2" Diameter Threaded, Stainless Steel Body, Three Piece Ball Valve	357.60	12.47
		For Work In Restricted Working Space, Add	*12.06*	
23 05 23 00-0237	EA	3/4" Diameter Threaded, Stainless Steel Body, Three Piece Ball Valve	518.77	13.71
		For Work In Restricted Working Space, Add	*16.26*	
23 05 23 00-0238	EA	1" Diameter Threaded, Stainless Steel Body, Three Piece Ball Valve	632.45	15.58
		For Work In Restricted Working Space, Add	*19.68*	
23 05 23 00-0239	EA	1-1/4" Diameter Threaded, Stainless Steel Body, Three Piece Ball Valve	738.68	16.58
		For Work In Restricted Working Space, Add	*24.93*	
23 05 23 00-0240	EA	1-1/2" Diameter Threaded, Stainless Steel Body, Three Piece Ball Valve	989.07	19.19
		For Work In Restricted Working Space, Add	*28.76*	
23 05 23 00-0241	EA	2" Diameter Threaded, Stainless Steel Body, Three Piece Ball Valve	1,287.19	22.68
		For Work In Restricted Working Space, Add	*33.99*	
23 05 23 00-0242	EA	3" Diameter Threaded, Stainless Steel Body, Three Piece Ball Valve	3,383.82	38.64
		For Work In Restricted Working Space, Add	*57.53*	

23 05 23 00-0243 Globe Valves *(23 05 23)*

23 05 23 00-0244 Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valves *(23 05 23 00-0243)*

23 05 23 00-0245	EA	1/8" Diameter, Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve	78.35	12.47
		For 300 Lb. Rating, Add	*20.98*	
		For 200 Lb. Rating, Add	*14.49*	
		For 250 Lb. Rating, Add	*17.16*	
		For 150 Lb. Rating, Add	*11.82*	
		For Work In Restricted Working Space, Add	*12.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0246	EA	1/4" Diameter, Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve	74.44	12.47
		For 300 Lb. Rating, Add	*20.98*	
		For 200 Lb. Rating, Add	*14.49*	
		For 250 Lb. Rating, Add	*17.16*	
		For 150 Lb. Rating, Add	*11.82*	
		For Work In Restricted Working Space, Add	*10.89*	
23 05 23 00-0247	EA	3/8" Diameter, Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve	95.13	12.47
		For 300 Lb. Rating, Add	*31.31*	
		For 200 Lb. Rating, Add	*21.63*	
		For 250 Lb. Rating, Add	*25.62*	
		For 150 Lb. Rating, Add	*17.65*	
		For Work In Restricted Working Space, Add	*11.46*	
23 05 23 00-0248	EA	1/2" Diameter, Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve	97.14	12.47
		For 300 Lb. Rating, Add	*31.31*	
		For 200 Lb. Rating, Add	*21.63*	
		For 250 Lb. Rating, Add	*25.62*	
		For 600 Lb. Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*78.71*	
		For 150 Lb. Rating, Add	*17.65*	
		For Work In Restricted Working Space, Add	*12.06*	
23 05 23 00-0249	EA	3/4" Diameter, Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve	115.91	13.08
		For 300 Lb. Rating, Add	*33.95*	
		For 200 Lb. Rating, Add	*23.45*	
		For 250 Lb. Rating, Add	*27.77*	
		For 600 Lb. Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*89.57*	
		For 150 Lb. Rating, Add	*19.13*	
		For Work In Restricted Working Space, Add	*16.26*	
23 05 23 00-0250	EA	1" Diameter, Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve	149.02	13.08
		For 300 Lb. Rating, Add	*45.88*	
		For 200 Lb. Rating, Add	*31.70*	
		For 250 Lb. Rating, Add	*37.53*	
		For 600 Lb. Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*118.00*	
		For 150 Lb. Rating, Add	*25.86*	
		For Work In Restricted Working Space, Add	*19.68*	
23 05 23 00-0251	EA	1-1/4" Diameter, Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve	227.16	16.58
		For 300 Lb. Rating, Add	*79.23*	
		For 200 Lb. Rating, Add	*54.74*	
		For 250 Lb. Rating, Add	*64.83*	
		For 600 Lb. Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*191.71*	
		For 150 Lb. Rating, Add	*44.66*	
		For Work In Restricted Working Space, Add	*24.93*	
23 05 23 00-0252	EA	1-1/2" Diameter, Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve	301.77	19.19
		For 300 Lb. Rating, Add	*113.24*	
		For 200 Lb. Rating, Add	*78.24*	
		For 250 Lb. Rating, Add	*92.65*	
		For 600 Lb. Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*264.83*	
		For 150 Lb. Rating, Add	*63.83*	
		For Work In Restricted Working Space, Add	*28.76*	
23 05 23 00-0253	EA	2" Diameter, Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve	355.35	22.68
		For 300 Lb. Rating, Add	*133.12*	
		For 200 Lb. Rating, Add	*91.98*	
		For 250 Lb. Rating, Add	*108.92*	
		For 600 Lb. Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*311.57*	
		For 150 Lb. Rating, Add	*75.03*	
		For Work In Restricted Working Space, Add	*33.99*	
23 05 23 00-0254	EA	2-1/2" Diameter, Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve	397.06	30.65
		For 300 Lb. Rating, Add	*134.22*	
		For 200 Lb. Rating, Add	*92.73*	
		For 250 Lb. Rating, Add	*109.81*	
		For 150 Lb. Rating, Add	*75.65*	
		For Work In Restricted Working Space, Add	*45.91*	
23 05 23 00-0255	EA	3" Diameter, Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve	723.29	35.58
		For 300 Lb. Rating, Add	*300.70*	
		For 200 Lb. Rating, Add	*207.75*	
		For 250 Lb. Rating, Add	*246.02*	
		For 150 Lb. Rating, Add	*169.48*	
		For Work In Restricted Working Space, Add	*52.97*	
23 05 23 00-0256		Threaded, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valves *(23 05 23 00-0243)*		
23 05 23 00-0257	EA	2" Diameter Threaded, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	538.56	22.68
		For 300 Lb. Rating, Add	*233.89*	
		For Chain Operated Type, Add	*355.08*	
		For 200 Lb. Rating, Add	*161.60*	
		For 250 Lb. Rating, Add	*191.36*	
		For 150 Lb. Rating, Add	*131.83*	
		For Work In Restricted Working Space, Add	*33.99*	
23 05 23 00-0258	EA	2-1/2" Diameter Threaded, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	668.48	30.65
		For 300 Lb. Rating, Add	*283.50*	
		For Chain Operated Type, Add	*430.40*	
		For 200 Lb. Rating, Add	*195.87*	
		For 250 Lb. Rating, Add	*231.95*	
		For 150 Lb. Rating, Add	*159.79*	
		For Work In Restricted Working Space, Add	*45.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0259	EA	3" Diameter Threaded, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	795.11	35.58
		For 300 Lb. Rating, Add	*340.20*	
		For Chain Operated Type, Add	*516.48*	
		For 200 Lb. Rating, Add	*235.05*	
		For 250 Lb. Rating, Add	*278.34*	
		For 150 Lb. Rating, Add	*191.75*	
		For Work In Restricted Working Space, Add	*52.97*	
23 05 23 00-0260	EA	4" Diameter Threaded, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	1,025.52	40.17
		For 300 Lb. Rating, Add	*453.60*	
		For Chain Operated Type, Add	*688.64*	
		For 200 Lb. Rating, Add	*313.39*	
		For 250 Lb. Rating, Add	*371.12*	
		For 150 Lb. Rating, Add	*255.66*	
		For Work In Restricted Working Space, Add	*60.24*	

23 05 23 00-0261 Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valves *(23 05 23 00-0243)*

23 05 23 00-0262	EA	2" Diameter Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	728.58	166.15
		For Chain Operated Type, Add	*260.42*	
		For 150 Lb. Rating, Add	*161.46*	
		For 250 Lb. Rating, Add	*234.38*	
		For Work In Restricted Working Space, Add	*62.32*	
23 05 23 00-0263	EA	2-1/2" Diameter Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	843.61	166.42
		For Chain Operated Type, Add	*317.47*	
		For 150 Lb. Rating, Add	*196.83*	
		For 250 Lb. Rating, Add	*285.72*	
		For Work In Restricted Working Space, Add	*62.60*	
23 05 23 00-0264	EA	3" Diameter Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	1,006.12	195.12
		For Chain Operated Type, Add	*380.96*	
		For 150 Lb. Rating, Add	*236.20*	
		For 250 Lb. Rating, Add	*342.86*	
		For Work In Restricted Working Space, Add	*73.26*	
23 05 23 00-0265	EA	4" Diameter Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	1,425.79	327.10
		For Chain Operated Type, Add	*507.95*	
		For 150 Lb. Rating, Add	*314.93*	
		For 250 Lb. Rating, Add	*457.15*	
		For Work In Restricted Working Space, Add	*122.97*	
23 05 23 00-0266	EA	5" Diameter Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	1,865.54	362.81
		For Chain Operated Type, Add	*706.36*	
		For 150 Lb. Rating, Add	*437.94*	
		For 250 Lb. Rating, Add	*635.72*	
		For Work In Restricted Working Space, Add	*135.85*	
23 05 23 00-0267	EA	6" Diameter Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	2,291.46	403.13
		For Chain Operated Type, Add	*892.87*	
		For 150 Lb. Rating, Add	*553.58*	
		For 250 Lb. Rating, Add	*803.58*	
		For Work In Restricted Working Space, Add	*151.72*	
23 05 23 00-0268	EA	8" Diameter Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	3,385.95	515.11
		For Chain Operated Type, Add	*1,373.04*	
		For 150 Lb. Rating, Add	*851.28*	
		For 250 Lb. Rating, Add	*1,235.73*	
		For Work In Restricted Working Space, Add	*191.96*	
23 05 23 00-0269	EA	10" Diameter Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	4,966.46	627.09
		For Chain Operated Type, Add	*2,091.30*	
		For 150 Lb. Rating, Add	*1,296.61*	
		For 250 Lb. Rating, Add	*1,882.17*	
		For Work In Restricted Working Space, Add	*235.16*	
23 05 23 00-0270	EA	12" Diameter Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	8,864.75	761.46
		For Chain Operated Type, Add	*3,957.31*	
		For 150 Lb. Rating, Add	*2,453.53*	
		For 250 Lb. Rating, Add	*3,561.58*	
		For Work In Restricted Working Space, Add	*285.04*	

23 05 23 00-0271 Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valves *(23 05 23 00-0243)*

23 05 23 00-0272	EA	1/8" Diameter Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve	69.10	12.47
		For 200 Lb. Rating, Add	*10.98*	
		For 150 Lb. Rating, Add	*8.96*	
		For 300 Lb. Rating, Add	*15.89*	
		For Work In Restricted Working Space, Add	*12.06*	
23 05 23 00-0273	EA	1/4" Diameter Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve	65.19	12.47
		For 200 Lb. Rating, Add	*10.98*	
		For 150 Lb. Rating, Add	*8.96*	
		For 300 Lb. Rating, Add	*15.89*	
		For Work In Restricted Working Space, Add	*10.89*	
23 05 23 00-0274	EA	3/8" Diameter Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve	67.09	12.47
		For 200 Lb. Rating, Add	*10.98*	
		For 150 Lb. Rating, Add	*8.96*	
		For 300 Lb. Rating, Add	*15.89*	
		For Work In Restricted Working Space, Add	*11.46*	
23 05 23 00-0275	EA	1/2" Diameter Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve	71.03	12.47
		For 200 Lb. Rating, Add	*11.71*	
		For 150 Lb. Rating, Add	*9.55*	
		For 300 Lb. Rating, Add	*16.95*	
		For Work In Restricted Working Space, Add	*12.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0276	EA	3/4" Diameter Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve	96.93	13.08
		For 200 Lb. Rating, Add	*16.24*	
		For 150 Lb. Rating, Add	*13.25*	
		For 300 Lb. Rating, Add	*23.51*	
		For Work In Restricted Working Space, Add	*16.26*	
23 05 23 00-0277	EA	1" Diameter Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve	121.69	13.08
		For 200 Lb. Rating, Add	*21.31*	
		For 150 Lb. Rating, Add	*17.38*	
		For 300 Lb. Rating, Add	*30.84*	
		For Work In Restricted Working Space, Add	*19.68*	
23 05 23 00-0278	EA	1-1/4" Diameter Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve	166.41	16.58
		For 200 Lb. Rating, Add	*31.66*	
		For 150 Lb. Rating, Add	*25.83*	
		For 300 Lb. Rating, Add	*45.82*	
		For Work In Restricted Working Space, Add	*24.93*	
23 05 23 00-0279	EA	1-1/2" Diameter Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve	193.01	19.19
		For 200 Lb. Rating, Add	*36.91*	
		For 150 Lb. Rating, Add	*30.11*	
		For 300 Lb. Rating, Add	*53.42*	
		For Work In Restricted Working Space, Add	*28.76*	
23 05 23 00-0280	EA	2" Diameter Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve	259.60	22.68
		For 200 Lb. Rating, Add	*55.59*	
		For 150 Lb. Rating, Add	*45.35*	
		For 300 Lb. Rating, Add	*80.46*	
		For Work In Restricted Working Space, Add	*33.99*	
23 05 23 00-0281	EA	2-1/2" Diameter Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve	430.09	33.28
		For 200 Lb. Rating, Add	*100.28*	
		For 150 Lb. Rating, Add	*81.81*	
		For 300 Lb. Rating, Add	*145.14*	
		For Work In Restricted Working Space, Add	*49.86*	
23 05 23 00-0282	EA	3" Diameter Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve	638.66	38.64
		For 200 Lb. Rating, Add	*169.82*	
		For 150 Lb. Rating, Add	*138.54*	
		For 300 Lb. Rating, Add	*245.80*	
		For Work In Restricted Working Space, Add	*57.53*	

23 05 23 00-0283 Flanged, 125 Lb., Iron Body, Angle Globe Valves *(23 05 23 00-0243)*

23 05 23 00-0284	EA	2" Diameter Flanged, 125 Lb., Iron Body, Angle Globe Valve	1,547.77	166.15
		For 250 Lb. Rating, Add	*804.02*	
		For Chain Operated Type, Add	*522.61*	
		For Work In Restricted Working Space, Add	*62.32*	
23 05 23 00-0285	EA	2-1/2" Diameter Flanged, 125 Lb., Iron Body, Angle Globe Valve	1,793.50	166.42
		For 250 Lb. Rating, Add	*950.89*	
		For Chain Operated Type, Add	*618.08*	
		For Work In Restricted Working Space, Add	*62.60*	
23 05 23 00-0286	EA	3" Diameter Flanged, 125 Lb., Iron Body, Angle Globe Valve	2,111.79	195.12
		For 250 Lb. Rating, Add	*1,120.55*	
		For Chain Operated Type, Add	*728.36*	
		For Work In Restricted Working Space, Add	*73.26*	
23 05 23 00-0287	EA	4" Diameter Flanged, 125 Lb., Iron Body, Angle Globe Valve	3,077.35	327.10
		For 250 Lb. Rating, Add	*1,600.47*	
		For Chain Operated Type, Add	*1,040.31*	
		For Work In Restricted Working Space, Add	*122.97*	
23 05 23 00-0288	EA	5" Diameter Flanged, 125 Lb., Iron Body, Angle Globe Valve	5,233.40	362.81
		For 250 Lb. Rating, Add	*2,868.35*	
		For Chain Operated Type, Add	*1,864.43*	
		For Work In Restricted Working Space, Add	*135.85*	
23 05 23 00-0289	EA	6" Diameter Flanged, 125 Lb., Iron Body, Angle Globe Valve	5,286.30	403.13
		For 250 Lb. Rating, Add	*2,868.35*	
		For Chain Operated Type, Add	*1,864.43*	
		For Work In Restricted Working Space, Add	*151.72*	
23 05 23 00-0290	EA	8" Diameter Flanged, 125 Lb., Iron Body, Angle Globe Valve	9,996.42	515.11
		For 250 Lb. Rating, Add	*5,613.92*	
		For Chain Operated Type, Add	*3,649.05*	
		For Work In Restricted Working Space, Add	*191.96*	

23 05 23 00-0291 Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valves *(23 05 23 00-0243)*

Note: 800 PSIG at 850 degrees F.

23 05 23 00-0292	EA	1/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	221.11	20.19
		For Work In Restricted Working Space, Add	*10.89*	
23 05 23 00-0293	EA	1/2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	225.02	20.19
		For Work In Restricted Working Space, Add	*12.06*	
23 05 23 00-0294	EA	3/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	264.44	27.17
		For Work In Restricted Working Space, Add	*16.26*	
23 05 23 00-0295	EA	1" Diameter, Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	326.72	32.78
		For Work In Restricted Working Space, Add	*19.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0296	EA	1-1/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	530.72	41.50
		For Work In Restricted Working Space, Add	*24.93*	
23 05 23 00-0297	EA	1-1/2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	636.76	47.98
		For Work In Restricted Working Space, Add	*28.76*	
23 05 23 00-0298	EA	2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	810.18	56.71
		For Work In Restricted Working Space, Add	*33.99*	

23 05 23 00-0299 Triple Duty Valves *(23 05 23)*

Note: Valves function as a shut-off, check valve and calibrated balancing valve.

23 05 23 00-0300 Straight Pattern, Triple Duty Valves *(23 05 23 00-0299)*

Note: Bell & Gossett 3DX and 3DS-S Series.

23 05 23 00-0301	EA	1" Diameter Threaded, Straight Pattern, Triple Duty Valve	323.13	13.08
23 05 23 00-0302	EA	1-1/4" Diameter Threaded, Straight Pattern, Triple Duty Valve	374.60	16.58
23 05 23 00-0303	EA	1-1/2" Diameter Threaded, Straight Pattern, Triple Duty Valve	406.87	19.19
23 05 23 00-0304	EA	2" Diameter Flanged, Straight Pattern, Triple Duty Valve	1,053.32	166.15
23 05 23 00-0305	EA	2-1/2" Diameter Flanged, Straight Pattern, Triple Duty Valve	1,185.47	166.42
23 05 23 00-0306	EA	3" Diameter Flanged, Straight Pattern, Triple Duty Valve	1,298.74	195.12
23 05 23 00-0307	EA	4" Diameter Flanged, Straight Pattern, Triple Duty Valve	2,655.05	327.10
23 05 23 00-0308	EA	5" Diameter Flanged, Straight Pattern Triple Duty Valve	3,101.32	362.81
23 05 23 00-0309	EA	6" Diameter Flanged, Straight Pattern, Triple Duty Valve	4,121.29	403.13
23 05 23 00-0310	EA	8" Diameter Flanged, Straight Pattern, Triple Duty Valve	5,548.12	515.11
23 05 23 00-0311	EA	10" Diameter Flanged, Straight Pattern, Triple Duty Valve	8,889.74	627.09

23 05 23 00-0312 Flanged, Angle Pattern, Triple Duty Valves *(23 05 23 00-0299)*

Note: Bell & Gossett 3D-S Series.

23 05 23 00-0313	EA	2" Diameter Flanged, Angle Pattern, Triple Duty Valve	1,029.02	166.15
23 05 23 00-0314	EA	2-1/2" Diameter Flanged, Angle Pattern, Triple Duty Valve	1,156.31	166.42
23 05 23 00-0315	EA	3" Diameter Flanged, Angle Pattern, Triple Duty Valve	1,274.44	195.12
23 05 23 00-0316	EA	4" Diameter Flanged, Angle Pattern, Triple Duty Valve	2,591.88	327.10
23 05 23 00-0317	EA	5" Diameter Flanged, Angle Pattern, Triple Duty Valve	3,023.57	362.81
23 05 23 00-0318	EA	6" Diameter Flanged, Angle Pattern, Triple Duty Valve	3,392.35	403.13
23 05 23 00-0319	EA	8" Diameter Flanged, Angle Pattern, Triple Duty Valve	5,203.08	515.11
23 05 23 00-0320	EA	10" Diameter Flanged, Angle Pattern, Triple Duty Valve	6,950.74	627.09

23 05 23 00-0321 Balanced, Straight Pattern, Triple Duty Valves *(23 05 23 00-0299)*

Note: Bell & Gossett 3DS-B Series.

23 05 23 00-0322	EA	3" Diameter Flanged, Balanced, Straight Pattern, Triple Duty Valve	1,191.83	195.12
23 05 23 00-0323	EA	4" Diameter Flanged, Balanced, Straight Pattern, Triple Duty Valve	2,373.19	327.10
23 05 23 00-0324	EA	5" Diameter Flanged, Balanced, Straight Pattern, Triple Duty Valve	2,775.73	362.81
23 05 23 00-0325	EA	6" Diameter Flanged, Balanced, Straight Pattern, Triple Duty Valve	3,679.06	403.13
23 05 23 00-0326	EA	8" Diameter Flanged, Balanced, Straight Pattern, Triple Duty Valve	4,945.52	515.11
23 05 23 00-0327	EA	10" Diameter Flanged, Balanced, Straight Pattern, Triple Duty Valve	7,883.79	627.09
23 05 23 00-0328	EA	12" Diameter Flanged, Balanced, Straight Pattern, Triple Duty Valve	11,855.38	761.46
23 05 23 00-0329	EA	14" Diameter Flanged, Balanced, Straight Pattern, Triple Duty Valve	14,407.88	895.84
23 05 23 00-0330	EA	16" Diameter Flanged, Balanced, Straight Pattern, Triple Duty Valve	18,042.26	985.43

23 05 23 00-0331 Grooved Straight Pattern, Triple Duty Valves *(23 05 23 00-0299)*

Note: Bell & Gossett 3DS-G Series.

23 05 23 00-0332	EA	2" Diameter Grooved, Straight Pattern, Triple Duty Valve	1,114.62	30.79
23 05 23 00-0333	EA	2-1/2" Diameter Grooved, Straight Pattern, Triple Duty Valve	1,328.67	36.73
23 05 23 00-0334	EA	3" Diameter Grooved, Straight Pattern, Triple Duty Valve	1,546.74	39.83
23 05 23 00-0335	EA	4" Diameter Grooved, Straight Pattern, Triple Duty Valve	2,567.56	42.92
23 05 23 00-0336	EA	5" Diameter Grooved, Straight Pattern, Triple Duty Valve	2,976.60	57.11
23 05 23 00-0337	EA	6" Diameter Grooved, Straight Pattern Triple Duty Valve	3,968.29	73.24
23 05 23 00-0338	EA	8" Diameter Grooved, Straight Pattern Triple Duty Valve	5,396.98	92.95
23 05 23 00-0339	EA	10" Diameter Grooved, Straight Pattern Triple Duty Valve	8,515.36	104.14
23 05 23 00-0340	EA	12" Diameter Grooved, Straight Pattern Triple Duty Valve	13,518.95	126.98

23 05 23 00-0341 Plug Valves *(23 05 23)*

23 05 23 00-0342 Plug Valves, Lubricated, Semisteel Screwed, Wrench Operated *(23 05 23 00-0341)*

Note: Includes wrench.

23 05 23 00-0343	EA	1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	310.54	12.47
23 05 23 00-0344	EA	3/4" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	324.52	13.71
23 05 23 00-0345	EA	1" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	410.41	15.58
23 05 23 00-0346	EA	1-1/4" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	491.35	16.58
23 05 23 00-0347	EA	1-1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	539.99	19.19
23 05 23 00-0348	EA	2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	637.41	22.68
23 05 23 00-0349	EA	2-1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	955.73	30.65
23 05 23 00-0350	EA	3" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	1,169.60	35.58

23 05 23 00-0351 Plug Valves, Lubricated, Semisteel Flanged *(23 05 23 00-0341)*

Note: Wrench operated for 4", gear operated for 6" and 10".

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0352	EA	2" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	763.93	166.15
23 05 23 00-0353	EA	2-1/2" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	941.32	166.42
23 05 23 00-0354	EA	3" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	1,164.79	195.12
23 05 23 00-0355	EA	4" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	1,656.54	327.10
23 05 23 00-0356	EA	6" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	3,831.36	403.13
23 05 23 00-0357	EA	8" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	6,631.40	515.11
23 05 23 00-0358	EA	10" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	10,768.45	627.09
23 05 23 00-0359	EA	12" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	16,105.38	761.46
23 05 23 00-0360		**Plug Valves, Forged Steel, Screwed** *(23 05 23 00-0341)*		
23 05 23 00-0361	EA	1/2" Diameter Threaded, 1,500 Lb., Forged Steel, Plug Valve	1,196.49	12.47
23 05 23 00-0362	EA	3/4" Diameter Threaded, 1,500 Lb., Forged Steel, Plug Valve	1,413.64	13.71
23 05 23 00-0363	EA	1" Diameter Threaded, 1,500 Lb., Forged Steel, Plug Valve	1,598.12	15.58
23 05 23 00-0364	EA	1-1/4" Diameter Threaded, 1,500 Lb., Forged Steel, Plug Valve	1,917.43	16.58
23 05 23 00-0365	EA	1-1/2" Diameter Threaded, 1,500 Lb., Forged Steel, Plug Valve	2,232.87	19.19
23 05 23 00-0366	EA	2" Diameter Threaded, 1,500 Lb., Forged Steel, Plug Valve	2,937.55	22.68
23 05 23 00-0367		**Plug Valves, Eccentric, Cast Iron Flanged** *(23 05 23 00-0341)*		
23 05 23 00-0368	EA	4" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	1,242.58	327.10
23 05 23 00-0369	EA	6" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	1,933.56	403.13
23 05 23 00-0370	EA	8" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	2,630.14	515.11
23 05 23 00-0371	EA	10" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	3,729.65	627.09
23 05 23 00-0372	EA	12" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	4,815.95	761.46
23 05 23 00-0373		**Foot Valves** *(23 05 23)*		
23 05 23 00-0374		**Single Poppet Foot Valves, Metal To Metal Seat Construction** *(23 05 23 00-0373)*		
23 05 23 00-0375	EA	1" Diameter, Single Poppet Foot Valve, Metal To Metal Seat Construction	102.35	31.17
23 05 23 00-0376	EA	1-1/4" Diameter, Single Poppet Foot Valve, Metal To Metal Seat Construction	116.40	34.91
23 05 23 00-0377	EA	1-1/2" Diameter, Single Poppet Foot Valve, Metal To Metal Seat Construction	149.25	39.90
23 05 23 00-0378	EA	2" Diameter, Single Poppet Foot Valve, Metal To Metal Seat Construction	196.41	44.89
23 05 23 00-0379	EA	2-1/2" Diameter, Single Poppet Foot Valve, Metal To Metal Seat Construction	447.96	73.56
23 05 23 00-0380	EA	3" Diameter, Single Poppet Foot Valve, Metal To Metal Seat Construction	572.76	89.77
23 05 23 00-0381		**Double Poppet Foot Valves, Metal To Metal Seat Construction** *(23 05 23 00-0373)*		
23 05 23 00-0382	EA	1" Diameter, Double Poppet Foot Valve, Metal To Metal Seat Construction	102.35	31.17
23 05 23 00-0383	EA	1-1/4" Diameter, Double Poppet Foot Valve, Metal To Metal Seat Construction	219.18	34.91
23 05 23 00-0384	EA	1-1/2" Diameter, Double Poppet Foot Valve, Metal To Metal Seat Construction	208.54	39.90
23 05 23 00-0385	EA	2" Diameter, Double Poppet Foot Valve, Metal To Metal Seat Construction	283.33	44.89
23 05 23 00-0386	EA	3" Diameter, Double Poppet Foot Valve, Metal To Metal Seat Construction	555.73	73.56
23 05 23 00-0387	EA	4" Diameter, Double Poppet Foot Valve, Metal To Metal Seat Construction	755.63	88.53
23 05 23 00-0388		**Float Valves** *(23 05 23)*		
23 05 23 00-0389		**Float Valve Assembly For Maintaining Liquid Level In Tanks** *(23 05 23 00-0388)*		
23 05 23 00-0390		**Single Seat, Bronze Construction** *(23 05 23 00-0389)*		
		Note: For storage tanks, reservoirs, cooling towers and filtration plants.		
23 05 23 00-0391	EA	1/2" Diameter Inlet Size, Maximum PSI 100, Single Seat Float Valve	238.17	26.18
23 05 23 00-0392	EA	3/4" Diameter Inlet Size, Maximum PSI 100, Single Seat Float Valve	273.01	31.16
23 05 23 00-0393	EA	1" Diameter Inlet Size, Maximum PSI 100, Single Seat Float Valve	354.26	33.65
23 05 23 00-0394	EA	1-1/4" Diameter Inlet Size, Maximum PSI 90, Single Seat Float Valve	591.19	42.38
23 05 23 00-0395	EA	1-1/2" Diameter Inlet Size, Maximum PSI 90, Single Seat Float Valve	603.65	48.61
23 05 23 00-0396		**Double Seat, Bronze Construction** *(23 05 23 00-0389)*		
		Note: For hot or cold water or oil to open tanks.		
23 05 23 00-0397	EA	1/2" Diameter Pipe Size, Maximum PSI 150, Double Seat Float Valve	1,278.51	26.18
23 05 23 00-0398	EA	3/4" Diameter Pipe Size, Maximum PSI 150, Double Seat Float Valve	1,288.49	31.16
23 05 23 00-0399	EA	1" Diameter Pipe Size, Maximum PSI 150, Double Seat Float Valve	1,487.29	33.65
23 05 23 00-0400	EA	1-1/4" Diameter Pipe Size, Maximum PSI 150, Double Seat Float Valve	1,644.07	42.38
23 05 23 00-0401	EA	1-1/2" Diameter Pipe Size, Maximum PSI 150, Double Seat Float Valve	1,879.47	48.61
23 05 23 00-0402	EA	2" Diameter Pipe Size, Maximum PSI 150, Double Seat Float Valve	2,465.42	57.33
23 05 23 00-0403	EA	2-1/2" Diameter Pipe Size, Maximum PSI 150, Double Seat Float Valve	2,866.92	76.89
23 05 23 00-0404	EA	3" Diameter Pipe Size, Maximum PSI 150, Double Seat Float Valve	3,448.35	88.37
23 05 23 00-0405		**Float Valve Single Seated Balanced For Air Oil Or Water** *(23 05 23 00-0388)*		
		Note: Includes arm, ball and bracket.		
23 05 23 00-0406		**Brass Body Threaded Ends** *(23 05 23 00-0405)*		
23 05 23 00-0407	EA	1/2" Diameter, Brass Body, Threaded Ends, Single Seated With Arm Ball And Bracket, Float Valve	251.73	33.77
23 05 23 00-0408	EA	3/4" Diameter, Brass Body, Threaded Ends, Single Seated With Arm Ball And Bracket, Float Valve	284.57	37.52
23 05 23 00-0409	EA	1" Diameter, Brass Body, Threaded Ends, Single Seated With Arm Ball And Bracket, Float Valve	352.28	41.50
23 05 23 00-0410	EA	1-1/4" Diameter, Brass Body, Threaded Ends, Single Seated With Arm Ball And Bracket, Float Valve	563.12	67.06
23 05 23 00-0411	EA	1-1/2" Diameter, Brass Body, Threaded Ends, Single Seated With Arm Ball And Bracket, Float Valve	590.03	76.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0412	EA	2" Diameter, Brass Body, Threaded Ends, Single Seated With Arm Ball And Bracket, Float Valve	664.67	94.73
23 05 23 00-0413		**Cast Iron Body Flanged** *(23 05 23 00-0405)*		
23 05 23 00-0414	EA	2-1/2" Diameter, Cast Iron Body, Flanged, Single Seated With Arm Ball And Bracket, Float Valve	8,044.36	166.42
23 05 23 00-0415	EA	3" Diameter, Cast Iron Body, Flanged, Single Seated With Arm Ball And Bracket, Float Valve	9,726.87	195.12
23 05 23 00-0416		**Float Operated Valves** *(23 05 23 00-0388)*		
23 05 23 00-0417		**For Condensate Receivers Tanks And Vessels** *(23 05 23 00-0416)*		
		Note: Cast iron body, self-contained, float in-line mount.		
23 05 23 00-0418	EA	1" Diameter Inlet, Float Operated Valve, Single Seated With Arm Ball And Bracket	897.31	58.58
23 05 23 00-0419		**For Condensate Receivers Tanks And Vessels** *(23 05 23 00-0416)*		
		Note: Cast iron body, external float tank mount, flanged.		
23 05 23 00-0420	EA	3/4" Diameter Inlet, Float Operated Valve, Single Seated With Arm Ball And Bracket	1,129.88	109.03
23 05 23 00-0421		**Needle Valves** *(23 05 23)*		
23 05 23 00-0422		**Bronze Needle Valve** *(23 05 23 00-0421)*		
		Note: For heating and cooling applications.		
23 05 23 00-0423	EA	1/4" Diameter, Bronze, Needle Valve	124.14	12.47
23 05 23 00-0424	EA	3/8" Diameter, Bronze, Needle Valve	138.41	12.47
23 05 23 00-0425	EA	1/2" Diameter, Bronze, Needle Valve	151.40	12.47
23 05 23 00-0426	EA	3/4" Diameter, Bronze, Needle Valve	229.81	13.71
23 05 23 00-0427	EA	1" Diameter, Bronze, Needle Valve	352.08	15.58
23 05 23 00-0428		**Eccentric Valves With Taps** *(23 05 23)*		
23 05 23 00-0429		**Screwed Eccentric Valves With Taps** *(23 05 23 00-0428)*		
23 05 23 00-0430	EA	1/2" Diameter Threaded, Eccentric Valves With Taps	271.92	12.47
23 05 23 00-0431	EA	3/4" Diameter Threaded, Eccentric Valves With Taps	289.47	13.71
23 05 23 00-0432	EA	1" Diameter Threaded, Eccentric Valves With Taps	365.05	15.58
23 05 23 00-0433	EA	1-1/4" Diameter Threaded, Eccentric Valves With Taps	443.14	16.58
23 05 23 00-0434	EA	1-1/2" Diameter Threaded, Eccentric Valves With Taps	484.44	19.19
23 05 23 00-0435	EA	2" Diameter Threaded, Eccentric Valves With Taps	569.60	22.68
23 05 23 00-0436	EA	2-1/2" Diameter Threaded, Eccentric Valves With Taps	858.86	30.65
23 05 23 00-0437	EA	3" Diameter Threaded, Eccentric Valves With Taps	1,042.82	35.58
23 05 23 00-0438		**Flanged Eccentric Valves With Taps** *(23 05 23 00-0428)*		
23 05 23 00-0439	EA	2-1/2" Diameter Flanged, Eccentric Valves With Taps	1,046.41	166.42
23 05 23 00-0440	EA	3" Diameter Flanged, Eccentric Valves With Taps	1,242.34	195.12
23 05 23 00-0441	EA	4" Diameter Flanged, Eccentric Valves With Taps	1,675.40	327.10
23 05 23 00-0442	EA	5" Diameter Flanged, Eccentric Valves With Taps	2,235.22	362.81
23 05 23 00-0443	EA	6" Diameter Flanged, Eccentric Valves With Taps	2,822.84	403.13
23 05 23 00-0444	EA	8" Diameter Flanged, Eccentric Valves With Taps	4,828.52	515.11
23 05 23 00-0445	EA	10" Diameter Flanged, Eccentric Valves With Taps	6,754.90	627.09
23 05 23 00-0446	EA	12" Diameter Flanged, Eccentric Valves With Taps	11,555.41	761.46
23 05 23 00-0447		**Emergency Shut-Off Valve With Fusible Link** *(23 05 23)*		
23 05 23 00-0448		**Threaded, Fusible Brass Gate Valves (Morrison Bros. 939)** *(23 05 23 00-0447)*		
		Note: Brass globe/gate valve used to shut off product flow in the event of a fire. Fusible element in the handwheel automatically closes the valve when in contact with 165° F.		
23 05 23 00-0449	EA	1/4" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series)	111.92	20.07
		For Work In Restricted Working Space, Add	*10.89*	
23 05 23 00-0450	EA	3/8" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series)	113.87	21.18
		For Work In Restricted Working Space, Add	*11.48*	
23 05 23 00-0451	EA	1/2" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series)	195.83	20.07
		For Work In Restricted Working Space, Add	*12.06*	
23 05 23 00-0452	EA	3/4" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series)	399.74	27.05
		For Work In Restricted Working Space, Add	*16.26*	
23 05 23 00-0453	EA	1" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series)	1,045.28	32.78
		For Work In Restricted Working Space, Add	*19.68*	
23 05 23 00-0454		**Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)** *(23 05 23 00-0447)*		
		Note: Ductile iron body, cap, seat and swing arm. Viton® encapsulated Teflon® o-ring, Teflon® gasket, and stainless steel spring.		
23 05 23 00-0455	EA	1-1/2" Diameter Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	772.56	19.19
23 05 23 00-0456	EA	2" Diameter Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	828.16	22.68
23 05 23 00-0457	EA	3" Diameter Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	1,398.33	35.58

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0458		Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI) *(23 05 23 00-0447)* Note: Ductile iron body, cap, seat and swing arm. Viton® encapsulated Teflon® o-ring, Teflon® gasket, and stainless steel spring.		
23 05 23 00-0459	EA	2" Diameter Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	792.58	166.15
23 05 23 00-0460	EA	3" Diameter Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	1,292.32	195.12
23 05 23 00-0461	EA	4" Diameter Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	2,958.21	327.10
23 05 23 00-0462		Check Valves *(23 05 23)*		
23 05 23 00-0463		Iron Body Wafer Type Check Valve *(23 05 23 00-0462)*		
23 05 23 00-0464		Single Disk Type *(23 05 23 00-0463)*		
23 05 23 00-0465	EA	2" Diameter, Wafer Type, 125 Lb., Single Disc Type, Iron Body, Check Valve	491.32	166.21
		For 300 Lb. Rating, Add	*85.05*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*169.14*	
		For 200 Lb. Rating, Add	*70.88*	
		For 150 Lb. Rating, Add	*59.54*	
23 05 23 00-0466	EA	2-1/2" Diameter, Wafer Type, 125 Lb., Single Disc Type, Iron Body, Check Valve	580.22	166.51
		For 300 Lb. Rating, Add	*111.43*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*208.90*	
		For 200 Lb. Rating, Add	*92.86*	
		For 150 Lb. Rating, Add	*78.00*	
23 05 23 00-0467	EA	3" Diameter, Wafer Type, 125 Lb., Single Disc Type, Iron Body, Check Valve	713.82	195.22
		For 300 Lb. Rating, Add	*140.85*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*260.14*	
		For 200 Lb. Rating, Add	*117.38*	
		For 150 Lb. Rating, Add	*98.60*	
23 05 23 00-0468	EA	4" Diameter, Wafer Type, 125 Lb., Single Disc Type, Iron Body, Check Valve	1,046.01	327.27
		For 300 Lb. Rating, Add	*190.77*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*368.18*	
		For 200 Lb. Rating, Add	*158.98*	
		For 150 Lb. Rating, Add	*133.54*	
23 05 23 00-0469	EA	6" Diameter, Wafer Type, 125 Lb., Single Disc Type, Iron Body, Check Valve	1,570.19	459.33
		For 300 Lb. Rating, Add	*298.81*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*563.05*	
		For 200 Lb. Rating, Add	*249.01*	
		For 150 Lb. Rating, Add	*209.17*	
23 05 23 00-0470	EA	8" Diameter, Wafer Type, 125 Lb., Single Disc Type, Iron Body, Check Valve	2,186.43	528.22
		For 300 Lb. Rating, Add	*458.56*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*819.42*	
		For 200 Lb. Rating, Add	*382.14*	
		For 150 Lb. Rating, Add	*320.99*	
23 05 23 00-0471	EA	10" Diameter, Wafer Type, 125 Lb., Single Disc Type, Iron Body, Check Valve	3,251.08	643.05
		For 300 Lb. Rating, Add	*732.41*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*1,260.56*	
		For 200 Lb. Rating, Add	*610.35*	
		For 150 Lb. Rating, Add	*512.69*	
23 05 23 00-0472		Twin Disc Type *(23 05 23 00-0463)*		
23 05 23 00-0473	EA	2" Diameter, Wafer Type, 125 Lb., Twin Disc Type, Iron Body, Check Valvev	686.46	166.21
		For 300 Lb. Rating, Add	*143.59*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*256.95*	
		For 200 Lb. Rating, Add	*119.66*	
		For 150 Lb. Rating, Add	*100.51*	
23 05 23 00-0474	EA	2-1/2" Diameter, Wafer Type, 125 Lb., Twin Disc Type, Iron Body, Check Valve	783.21	166.51
		For 300 Lb. Rating, Add	*172.33*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*300.25*	
		For 200 Lb. Rating, Add	*143.61*	
		For 150 Lb. Rating, Add	*120.63*	
23 05 23 00-0475	EA	3" Diameter, Wafer Type, 125 Lb., Twin Disc Type, Iron Body, Check Valve	914.54	195.22
		For 300 Lb. Rating, Add	*201.07*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*350.46*	
		For 200 Lb. Rating, Add	*167.56*	
		For 150 Lb. Rating, Add	*140.75*	
23 05 23 00-0476	EA	4" Diameter, Wafer Type, 125 Lb., Twin Disc Type, Iron Body, Check Valve	1,261.24	327.27
		For 300 Lb. Rating, Add	*255.34*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*465.03*	
		For 200 Lb. Rating, Add	*212.78*	
		For 150 Lb. Rating, Add	*178.74*	
23 05 23 00-0477	EA	6" Diameter, Wafer Type, 125 Lb., Twin Disc Type, Iron Body, Check Valve	1,946.63	459.33
		For 300 Lb. Rating, Add	*411.74*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*732.45*	
		For 200 Lb. Rating, Add	*343.12*	
		For 150 Lb. Rating, Add	*288.22*	
23 05 23 00-0478	EA	8" Diameter, Wafer Type, 125 Lb., Twin Disc Type, Iron Body, Check Valve	2,752.18	528.22
		For 300 Lb. Rating, Add	*628.80*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*1,074.44*	
		For 200 Lb. Rating, Add	*524.00*	
		For 150 Lb. Rating, Add	*440.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0479	EA	10" Diameter, Wafer Type, 125 Lb., Twin Disc Type, Iron Body, Check Valve	4,123.57	631.56
		For 300 Lb. Rating, Add	*995.83*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*1,654.57*	
		For 200 Lb. Rating, Add	*829.86*	
		For 150 Lb. Rating, Add	*697.08*	
23 05 23 00-0480	EA	12" Diameter, Wafer Type, 125 Lb., Twin Disc Type, Iron Body, Check Valve	5,420.46	780.84
		For 300 Lb. Rating, Add	*1,334.20*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*2,195.92*	
		For 200 Lb. Rating, Add	*1,111.83*	
		For 150 Lb. Rating, Add	*933.94*	
23 05 23 00-0481		Lift Check Valves *(23 05 23 00-0462)*		
23 05 23 00-0482		Bronze Body, Threaded, Vertical Lift Check Valves *(23 05 23 00-0481)*		
		Note: Watts #600 series.		
23 05 23 00-0483	EA	3/8" Diameter Threaded, Bronze, Lift Check Valve	127.73	12.47
23 05 23 00-0484	EA	1/2" Diameter Threaded, Bronze, Lift Check Valve	135.16	12.47
23 05 23 00-0485	EA	3/4" Diameter Threaded, Bronze, Lift Check Valve	172.44	13.08
23 05 23 00-0486	EA	1" Diameter Threaded, Bronze, Lift Check Valve	227.00	13.08
23 05 23 00-0487	EA	1-1/4" Diameter Threaded, Bronze, Lift Check Valve	314.43	16.58
23 05 23 00-0488	EA	1-1/2" Diameter Threaded, Bronze, Lift Check Valve	382.31	19.19
23 05 23 00-0489	EA	2" Diameter Threaded, Bronze, Lift Check Valve	543.98	22.68
23 05 23 00-0490		Bronze Body, Threaded, 300 Lb., Lift Check Valves *(23 05 23 00-0481)*		
		Note: Crane 366E.		
23 05 23 00-0491	EA	1/2" Diameter Threaded, 300 Lb., Bronze, Lift Check Valve	783.88	12.47
23 05 23 00-0492	EA	3/4" Diameter Threaded, 300 Lb., Bronze, Lift Check Valve	952.37	13.08
23 05 23 00-0493	EA	1" Diameter Threaded, 300 Lb., Bronze, Lift Check Valve	1,707.50	13.08
23 05 23 00-0494	EA	1-1/4" Diameter Threaded, 300 Lb., Bronze, Lift Check Valve	2,275.50	16.58
23 05 23 00-0495	EA	1-1/2" Diameter Threaded, 300 Lb., Bronze, Lift Check Valve	2,471.80	19.19
23 05 23 00-0496	EA	2" Diameter Threaded, 300 Lb., Bronze, Lift Check Valve	3,174.90	22.68
23 05 23 00-0497		Iron Body, Flanged, 125 Lb. Vertical Lift Check Valves *(23 05 23 00-0481)*		
		Note: Mueller 105MAP.		
23 05 23 00-0498	EA	2" Diameter Flanged, 125 Lb., Iron Body, Lift Check Valve	1,150.46	166.15
23 05 23 00-0499	EA	2-1/2" Diameter Flanged, 125 Lb., Iron Body, Lift Check Valve	2,133.33	166.42
23 05 23 00-0500	EA	3" Diameter Flanged, 125 Lb., Iron Body, Lift Check Valve	2,319.42	195.12
23 05 23 00-0501	EA	4" Diameter Flanged, 125 Lb., Iron Body, Lift Check Valve	3,198.68	327.10
23 05 23 00-0502	EA	5" Diameter Flanged, 125 Lb., Iron Body, Lift Check Valve	4,040.26	362.81
23 05 23 00-0503	EA	6" Diameter Flanged, 125 Lb., Iron Body, Lift Check Valve	4,999.85	403.13
23 05 23 00-0504	EA	8" Diameter Flanged, 125 Lb., Iron Body, Lift Check Valve	8,865.47	515.11
23 05 23 00-0505	EA	10" Diameter Flanged, 125 Lb., Iron Body, Lift Check Valve	11,140.32	627.09
23 05 23 00-0506	EA	12" Diameter Flanged, 125 Lb., Iron Body, Lift Check Valve	18,180.34	761.46
23 05 23 00-0507	EA	14" Diameter Flanged, 125 Lb., Iron Body, Lift Check Valve	24,849.30	1,099.03
23 05 23 00-0508	EA	16" Diameter Flanged, 125 Lb., Iron Body, Lift Check Valve	27,539.78	1,208.93
23 05 23 00-0509		Bronze Body Swing Check Valves *(23 05 23 00-0462)*		
23 05 23 00-0510		Bronze Body, Threaded, Brazed Or Soldered Installation, 125 Lb., Swing Check Valves *(23 05 23 00-0509)*		
23 05 23 00-0511	EA	1/8" Diameter Threaded, Brazed Or Soldered, 125 Lb., Bronze, Swing Check Valve	87.21	12.47
		For 300 Lb. Rating, Add	*18.33*	
		For Work In Restricted Working Space, Add	*12.06*	
23 05 23 00-0512	EA	1/4" Diameter Threaded, Brazed Or Soldered, 125 Lb., Bronze, Swing Check Valve	83.30	12.47
		For 300 Lb. Rating, Add	*18.33*	
		For Work In Restricted Working Space, Add	*10.89*	
23 05 23 00-0513	EA	3/8" Diameter Threaded, Brazed Or Soldered, 125 Lb., Bronze, Swing Check Valve	85.20	12.47
		For 300 Lb. Rating, Add	*18.33*	
		For Work In Restricted Working Space, Add	*11.46*	
23 05 23 00-0514	EA	1/2" Diameter Threaded, Brazed Or Soldered, 125 Lb., Bronze, Swing Check Valve	89.05	12.47
		For 300 Lb. Rating, Add	*19.05*	
		For Work In Restricted Working Space, Add	*12.06*	
23 05 23 00-0515	EA	3/4" Diameter Threaded, Brazed Or Soldered, 125 Lb., Bronze, Swing Check Valve	113.37	13.08
		For 300 Lb. Rating, Add	*23.08*	
		For Work In Restricted Working Space, Add	*16.26*	
23 05 23 00-0516	EA	1" Diameter Threaded, Brazed Or Soldered, 125 Lb., Bronze, Swing Check Valve	145.97	13.08
		For 300 Lb. Rating, Add	*31.34*	
		For Work In Restricted Working Space, Add	*19.68*	
23 05 23 00-0517	EA	1-1/4" Diameter Threaded, Brazed Or Soldered, 125 Lb., Bronze, Swing Check Valve	195.90	16.58
		For 300 Lb. Rating, Add	*43.99*	
		For Work In Restricted Working Space, Add	*24.93*	
23 05 23 00-0518	EA	1-1/2" Diameter Threaded, Brazed Or Soldered, 125 Lb., Bronze, Swing Check Valve	253.85	19.19
		For 300 Lb. Rating, Add	*61.61*	
		For Work In Restricted Working Space, Add	*28.76*	
23 05 23 00-0519	EA	2" Diameter Threaded, Brazed Or Soldered, 125 Lb., Bronze, Swing Check Valve	316.40	22.68
		For 300 Lb. Rating, Add	*79.21*	
		For Work In Restricted Working Space, Add	*33.99*	
23 05 23 00-0520	EA	2-1/2" Diameter Threaded, Brazed Or Soldered, 125 Lb., Bronze, Swing Check Valve	619.90	30.65
		For 300 Lb. Rating, Add	*182.08*	
		For Work In Restricted Working Space, Add	*45.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0521	EA	3" Diameter Threaded, Brazed Or Soldered, 125 Lb., Bronze, Swing Check Valve	840.58	35.58
		For 300 Lb. Rating, Add	*258.96*	
		For Work In Restricted Working Space, Add	*52.97*	
23 05 23 00-0522	EA	4" Diameter Threaded, Brazed Or Soldered, 125 Lb., Bronze, Swing Check Valve	952.25	40.17
		For 300 Lb. Rating, Add	*293.05*	
		For Work In Restricted Working Space, Add	*60.26*	
23 05 23 00-0523		125 Lb. Flanged, Iron Body, Bronze Trim, Swing Check Valves *(23 05 23 00-0462)*		
23 05 23 00-0524	EA	1" Diameter Flanged, 125 Lb. Iron Body, Bronze Trim, Swing Check Valves	666.29	93.48
		For 150 Lb. Rating, Add	*373.12*	
		For 250 Lb. Rating, Add	*713.31*	
		For Work In Restricted Working Space, Add	*35.28*	
23 05 23 00-0525	EA	1-1/4" Diameter Flanged, 125 Lb. Iron Body, Bronze Trim, Swing Check Valves	739.99	109.06
		For 150 Lb. Rating, Add	*411.07*	
		For 250 Lb. Rating, Add	*785.86*	
		For Work In Restricted Working Space, Add	*40.64*	
23 05 23 00-0526	EA	1-1/2" Diameter Flanged, 125 Lb. Iron Body, Bronze Trim, Swing Check Valves	819.65	130.87
		For 150 Lb. Rating, Add	*445.84*	
		For 250 Lb. Rating, Add	*852.35*	
		For Work In Restricted Working Space, Add	*49.20*	
23 05 23 00-0527	EA	2" Diameter Flanged, 125 Lb. Iron Body, Bronze Trim, Swing Check Valves	1,022.05	166.15
		For 150 Lb. Rating, Add	*553.73*	
		For 250 Lb. Rating, Add	*1,058.60*	
		For Work In Restricted Working Space, Add	*62.32*	
23 05 23 00-0528	EA	2-1/2" Diameter Flanged, 125 Lb. Iron Body, Bronze Trim, Swing Check Valves	1,159.04	166.42
		For 150 Lb. Rating, Add	*646.24*	
		For 250 Lb. Rating, Add	*1,235.47*	
		For Work In Restricted Working Space, Add	*62.60*	
23 05 23 00-0529	EA	3" Diameter Flanged, 125 Lb. Iron Body, Bronze Trim, Swing Check Valves	1,276.95	195.12
		For 150 Lb. Rating, Add	*702.27*	
		For 250 Lb. Rating, Add	*1,342.58*	
		For Work In Restricted Working Space, Add	*73.26*	
23 05 23 00-0530	EA	4" Diameter Flanged, 125 Lb. Iron Body, Bronze Trim, Swing Check Valves	2,005.95	327.10
		For 150 Lb. Rating, Add	*1,085.31*	
		For 250 Lb. Rating, Add	*2,074.87*	
		For Work In Restricted Working Space, Add	*122.97*	
23 05 23 00-0531	EA	5" Diameter Flanged, 125 Lb. Iron Body, Bronze Trim, Swing Check Valves	2,796.14	362.81
		For 150 Lb. Rating, Add	*1,593.46*	
		For 250 Lb. Rating, Add	*3,046.32*	
		For Work In Restricted Working Space, Add	*135.85*	
23 05 23 00-0532	EA	6" Diameter Flanged, 125 Lb. Iron Body, Bronze Trim, Swing Check Valves	3,222.69	403.13
		For 150 Lb. Rating, Add	*1,847.54*	
		For 250 Lb. Rating, Add	*3,532.06*	
		For Work In Restricted Working Space, Add	*151.72*	
23 05 23 00-0533	EA	8" Diameter Flanged, 125 Lb. Iron Body, Bronze Trim, Swing Check Valves	7,423.16	515.11
		For 150 Lb. Rating, Add	*4,612.63*	
		For 250 Lb. Rating, Add	*8,818.26*	
		For Work In Restricted Working Space, Add	*191.96*	
23 05 23 00-0534	EA	10" Diameter Flanged, 125 Lb. Iron Body, Bronze Trim, Swing Check Valves	10,017.35	627.09
		For 150 Lb. Rating, Add	*6,278.77*	
		For 250 Lb. Rating, Add	*12,003.54*	
		For Work In Restricted Working Space, Add	*235.16*	
23 05 23 00-0535	EA	12" Diameter Flanged, 125 Lb. Iron Body, Bronze Trim, Swing Check Valves	15,349.31	761.46
		For 150 Lb. Rating, Add	*9,791.44*	
		For 250 Lb. Rating, Add	*18,718.93*	
		For Work In Restricted Working Space, Add	*285.04*	
23 05 23 00-0536		Plastic Check Valve *(23 05 23 00-0462)*		
23 05 23 00-0537		Polyvinyl Chloride (PVC) Check Valve *(23 05 23 00-0536)*		
23 05 23 00-0538		Polyvinyl Chloride (PVC) "Y" Check Valve *(23 05 23 00-0537)*		
23 05 23 00-0539	EA	1/2" Diameter Threaded Or Socket, Polyvinyl Chloride (PVC) "Y" Type Check Valve	98.23	12.47
23 05 23 00-0540	EA	3/4" Diameter Threaded Or Socket, Polyvinyl Chloride (PVC) "Y" Type Check Valve	116.49	13.71
23 05 23 00-0541	EA	1" Diameter Threaded Or Socket, Polyvinyl Chloride (PVC) "Y" Type Check Valve	133.99	15.58
23 05 23 00-0542	EA	1-1/4" Diameter Threaded Or Socket, Polyvinyl Chloride (PVC) "Y" Type Check Valve	190.59	16.58
23 05 23 00-0543	EA	1-1/2" Diameter Threaded Or Socket, Polyvinyl Chloride (PVC) "Y" Type Check Valve	212.33	19.19
23 05 23 00-0544	EA	2" Diameter Threaded Or Socket, Polyvinyl Chloride (PVC) "Y" Type Check Valve	353.99	20.89
23 05 23 00-0545	EA	2-1/2" Diameter Threaded Or Socket, Polyvinyl Chloride (PVC) "Y" Type Check Valve	440.67	30.65
23 05 23 00-0546	EA	3" Diameter Threaded Or Socket, Polyvinyl Chloride (PVC) "Y" Type Check Valve	483.12	35.58
23 05 23 00-0547	EA	4" Diameter Threaded Or Socket, Polyvinyl Chloride (PVC) "Y" Type Check Valve	702.47	40.17
23 05 23 00-0548	EA	3" Diameter Flanged, Polyvinyl Chloride (PVC) "Y" Type Check Valve	674.16	195.12
23 05 23 00-0549		Polyvinyl Chloride (PVC) True Union Ball Check Valve *(23 05 23 00-0537)*		
23 05 23 00-0550		Valves *(23 05 23 00-0549)*		
23 05 23 00-0551	EA	1/2" Diameter, Polyvinyl Chloride (PVC) True Union Ball Check Valve	75.04	12.47
23 05 23 00-0552	EA	3/4" Diameter, Polyvinyl Chloride (PVC) True Union Ball Check Valve	94.00	13.71
23 05 23 00-0553	EA	1" Diameter, Polyvinyl Chloride (PVC) True Union Ball Check Valve	115.37	15.58
23 05 23 00-0554	EA	1-1/4" Diameter, Polyvinyl Chloride (PVC) True Union Ball Check Valve	149.45	16.58
23 05 23 00-0555	EA	1-1/2" Diameter, Polyvinyl Chloride (PVC) True Union Ball Check Valve	175.50	19.19
23 05 23 00-0556	EA	2" Diameter, Polyvinyl Chloride (PVC) True Union Ball Check Valve	257.63	22.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0557	EA	3" Diameter, Polyvinyl Chloride (PVC) True Union Ball Check Valve	420.10	30.65
23 05 23 00-0558	EA	4" Diameter, Polyvinyl Chloride (PVC) True Union Ball Check Valve	712.36	35.58
23 05 23 00-0559		**Foot Valve Screen** *(23 05 23 00-0549)*		
		Note: For use with PVC true union ball check valves above.		
23 05 23 00-0560	EA	1/2" Diameter, Foot Valve Screen Option	61.97	
23 05 23 00-0561	EA	3/4" Diameter, Foot Valve Screen Option	74.11	
23 05 23 00-0562	EA	1" Diameter, Foot Valve Screen Option	85.88	
23 05 23 00-0563	EA	1-1/4" Diameter, Foot Valve Screen Option	129.65	
23 05 23 00-0564	EA	1-1/2" Diameter, Foot Valve Screen Option	143.44	
23 05 23 00-0565	EA	2" Diameter, Foot Valve Screen Option	155.21	
23 05 23 00-0566	EA	2-1/2" Diameter, Foot Valve Screen Option	185.18	
23 05 23 00-0567	EA	3" Diameter, Foot Valve Screen Option	215.16	
23 05 23 00-0568	EA	4" Diameter, Foot Valve Screen Option	261.13	
23 05 23 00-0569		**Hayward "True Check" With VITON Seals** *(23 05 23 00-0549)*		
23 05 23 00-0570	EA	1/4" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	67.82	12.47
23 05 23 00-0571	EA	3/8" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	69.72	12.47
23 05 23 00-0572	EA	1/2" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	75.87	12.47
23 05 23 00-0573	EA	3/4" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	93.92	13.71
23 05 23 00-0574	EA	1" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	116.54	15.58
23 05 23 00-0575	EA	1-1/4" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	149.37	16.58
23 05 23 00-0576	EA	1-1/2" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	180.48	19.19
23 05 23 00-0577	EA	2" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	226.11	22.68
23 05 23 00-0578	EA	2-1/2" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	415.12	30.65
23 05 23 00-0579	EA	3" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	455.25	35.58
23 05 23 00-0580	EA	4" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	715.91	40.17
23 05 23 00-0581		**Hayward "True Check" With Ethylene Propylene Diene Monomer (EPDM) Seals** *(23 05 23 00-0549)*		
23 05 23 00-0582	EA	1/2" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	71.73	12.47
23 05 23 00-0583	EA	3/4" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	89.85	13.71
23 05 23 00-0584	EA	1" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	110.90	15.58
23 05 23 00-0585	EA	1-1/4" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	143.23	16.58
23 05 23 00-0586	EA	1-1/2" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	169.20	19.19
23 05 23 00-0587	EA	2" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	216.16	22.68
23 05 23 00-0588	EA	2-1/2" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	400.19	30.65
23 05 23 00-0589	EA	3" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	442.81	35.58
23 05 23 00-0590	EA	4" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	696.83	40.17
23 05 23 00-0591		**Polyvinyl Chloride (PVC) Check Valve, Ethylene Propylene Diene Monomer (EPDM) Housing, Flanged** *(23 05 23 00-0537)*		
23 05 23 00-0592	EA	1" Diameter, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Housing, Thermoplastic Check Valve	351.43	74.79
23 05 23 00-0593	EA	1-1/4" Diameter, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Housing, Thermoplastic Check Valve	383.10	87.25
23 05 23 00-0594	EA	1-1/2" Diameter, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Housing, Thermoplastic Check Valve	421.51	109.06
23 05 23 00-0595	EA	2" Diameter, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Housing, Thermoplastic Check Valve	514.22	137.11
23 05 23 00-0596	EA	2-1/2" Diameter, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Housing, Thermoplastic Check Valve	618.12	137.80
23 05 23 00-0597	EA	3" Diameter, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Housing, Thermoplastic Check Valve	842.84	160.76
23 05 23 00-0598	EA	4" Diameter, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Housing, Thermoplastic Check Valve	1,167.39	272.72
23 05 23 00-0599	EA	6" Diameter, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Housing, Thermoplastic Check Valve	1,919.01	459.33
23 05 23 00-0600		**Swing Check Valves, 150 Lb. Polyvinyl Chloride (PVC) Socket Weld End Connections** *(23 05 23 00-0536)*		
23 05 23 00-0601	EA	1/2" Diameter Socket Weld, 150 Lb., Duplex Polyvinyl Chloride (PVC), Check Valve	66.14	12.47
		For Work In Restricted Working Space, Add	*12.06*	
23 05 23 00-0602	EA	3/4" Diameter Socket Weld, 150 Lb., Duplex Polyvinyl Chloride (PVC), Check Valve	80.12	13.71
		For Work In Restricted Working Space, Add	*16.26*	
23 05 23 00-0603	EA	1" Diameter Socket Weld, 150 Lb., Duplex Polyvinyl Chloride (PVC), Check Valve	92.56	15.58
		For Work In Restricted Working Space, Add	*19.68*	
23 05 23 00-0604	EA	1-1/4" Diameter Socket Weld, 150 Lb., Duplex Polyvinyl Chloride (PVC), Check Valve	111.17	16.58
		For Work In Restricted Working Space, Add	*24.93*	
23 05 23 00-0605	EA	1-1/2" Diameter Socket Weld, 150 Lb., Duplex Polyvinyl Chloride (PVC), Check Valve	125.57	19.19
		For Work In Restricted Working Space, Add	*28.76*	
23 05 23 00-0606	EA	2" Diameter Socket Weld, 150 Lb., Duplex Polyvinyl Chloride (PVC), Check Valve	159.47	22.68
		For Work In Restricted Working Space, Add	*33.99*	
23 05 23 00-0607	EA	2-1/2" Diameter Socket Weld, 150 Lb., Duplex Polyvinyl Chloride (PVC), Check Valve	218.75	30.65
		For Work In Restricted Working Space, Add	*45.91*	

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23 05 23 00-0608	EA	3" Diameter Socket Weld, 150 Lb., Duplex Polyvinyl Chloride (PVC), Check Valve	261.85	35.58
		For Work In Restricted Working Space, Add	*52.97*	
23 05 23 00-0609		**Polyvinyl Chloride (PVC) Body, Swing Check Valves** *(23 05 23 00-0536)*		
23 05 23 00-0610		**Polyvinyl Chloride (PVC) Body, Swing Check Valves With Ethylene Propylene Diene Monomer (EPDM) Seals** *(23 05 23 00-0609)*		
23 05 23 00-0611	EA	3" Diameter, Polyvinyl Chloride (PVC) Swing Check Valve, With Ethylene Propylene Diene Monomer (EPDM) Seals	667.76	160.68
		For Work In Restricted Working Space, Add	*61.49*	
23 05 23 00-0612	EA	4" Diameter, Polyvinyl Chloride (PVC) Swing Check Valve, With Ethylene Propylene Diene Monomer (EPDM) Seals	855.12	272.58
		For Work In Restricted Working Space, Add	*101.27*	
23 05 23 00-0613	EA	6" Diameter, Polyvinyl Chloride (PVC) Swing Check Valve, With Ethylene Propylene Diene Monomer (EPDM) Seals	1,371.77	335.94
		For Work In Restricted Working Space, Add	*138.33*	
23 05 23 00-0614	EA	8" Diameter, Polyvinyl Chloride (PVC) Swing Check Valve, With Ethylene Propylene Diene Monomer (EPDM) Seals	1,824.40	425.52
		For Work In Restricted Working Space, Add	*156.77*	
23 05 23 00-0615		**Polyvinyl Chloride (PVC) Body, Swing Check Valves With Viton Seals** *(23 05 23 00-0609)*		
23 05 23 00-0616	EA	3" Diameter, Polyvinyl Chloride (PVC) Swing Check Valve, With Viton Seals	787.19	160.68
		For Work In Restricted Working Space, Add	*61.49*	
23 05 23 00-0617	EA	4" Diameter, Polyvinyl Chloride (PVC) Swing Check Valve, With Viton Seals	1,118.86	272.58
		For Work In Restricted Working Space, Add	*101.27*	
23 05 23 00-0618	EA	6" Diameter, Polyvinyl Chloride (PVC) Swing Check Valve, With Viton Seals	1,621.59	335.94
		For Work In Restricted Working Space, Add	*138.33*	
23 05 23 00-0619	EA	8" Diameter, Polyvinyl Chloride (PVC) Swing Check Valve, With Viton Seals	2,122.98	425.52
		For Work In Restricted Working Space, Add	*156.77*	
23 05 23 00-0620		**Polyvinyl Chloride (PVC) Body, Swing Check Valves With Ethylene Propylene Diene Monomer (EPDM) Seals And Counter Weights** *(23 05 23 00-0609)*		
23 05 23 00-0621	EA	3" Diameter, Polyvinyl Chloride (PVC) Swing Check Valve, With Ethylene Propylene Diene Monomer (EPDM) Seals And Counter weights	818.71	160.68
		For Work In Restricted Working Space, Add	*61.49*	
23 05 23 00-0622	EA	4" Diameter, Polyvinyl Chloride (PVC) Swing Check Valve, With Ethylene Propylene Diene Monomer (EPDM) Seals And Counter weights	1,121.35	272.58
		For Work In Restricted Working Space, Add	*101.27*	
23 05 23 00-0623	EA	6" Diameter, Polyvinyl Chloride (PVC) Swing Check Valve, With Ethylene Propylene Diene Monomer (EPDM) Seals And Counter weights	1,511.11	335.94
		For Work In Restricted Working Space, Add	*138.33*	
23 05 23 00-0624	EA	8" Diameter, Polyvinyl Chloride (PVC) Swing Check Valve, With Ethylene Propylene Diene Monomer (EPDM) Seals And Counter weights	1,939.19	425.52
		For Work In Restricted Working Space, Add	*156.77*	
23 05 23 00-0625		**Polyvinyl Chloride (PVC) Body, Swing Check Valves With Viton Seals And Counter Weights** *(23 05 23 00-0609)*		
23 05 23 00-0626	EA	3" Diameter, Polyvinyl Chloride (PVC) Swing Check Valve, With Viton Seals And Counter Weights	918.23	160.68
		For Work In Restricted Working Space, Add	*61.49*	
23 05 23 00-0627	EA	4" Diameter, Polyvinyl Chloride (PVC) Swing Check Valve, With Viton Seals And Counter Weights	1,266.50	272.58
		For Work In Restricted Working Space, Add	*101.27*	
23 05 23 00-0628	EA	6" Diameter, Polyvinyl Chloride (PVC) Swing Check Valve, With Viton Seals And Counter Weights	1,718.46	335.94
		For Work In Restricted Working Space, Add	*138.33*	
23 05 23 00-0629	EA	8" Diameter, Polyvinyl Chloride (PVC) Swing Check Valve, With Viton Seals And Counter Weights	2,188.01	425.52
		For Work In Restricted Working Space, Add	*156.77*	
23 05 23 00-0630		**Diaphragm Valves** *(23 05 23)*		
23 05 23 00-0631		**Polytetrafluoroethylene (PTFE) Or Viton Lined, Threaded Cast Iron Diaphragm Valves** *(23 05 23 00-0630)*		
23 05 23 00-0632	EA	1/2" Diameter Threaded, Cast Iron, 150 Lb., Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated, Diaphragm Valve	300.50	37.30
23 05 23 00-0633	EA	3/4" Diameter Threaded, Cast Iron, 150 Lb., Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated, Diaphragm Valve	385.90	41.32
23 05 23 00-0634	EA	1" Diameter Threaded, Cast Iron, 150 Lb., Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated, Diaphragm Valve	417.78	51.08
23 05 23 00-0635	EA	1-1/2" Diameter Threaded, Cast Iron, 150 Lb., Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated, Diaphragm Valve	663.73	76.32
23 05 23 00-0636	EA	2" Diameter Threaded, Cast Iron, 150 Lb., Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated, Diaphragm Valve	1,072.00	91.81
23 05 23 00-0637		**Polytetrafluoroethylene (PTFE) Or Viton Lined, Flanged Cast Iron Diaphragm Valves** *(23 05 23 00-0630)*		
23 05 23 00-0638	EA	1/2" Diameter Flanged, Cast Iron, 150 Lb., Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated, Diaphragm Valve	481.41	59.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0639	EA	3/4" Diameter Flanged, Cast Iron, 150 Lb., Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated, Diaphragm Valve	565.03	62.33
23 05 23 00-0640	EA	1" Diameter Flanged, Cast Iron, 150 Lb., Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated, Diaphragm Valve	659.98	93.48
23 05 23 00-0641	EA	1-1/2" Diameter Flanged, Cast Iron, 150 Lb., Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated, Diaphragm Valve	1,007.68	130.87
23 05 23 00-0642	EA	2" Diameter Flanged, Cast Iron, 150 Lb., Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated, Diaphragm Valve	1,636.88	166.15
23 05 23 00-0643	EA	2-1/2" Diameter Flanged, Cast Iron, 150 Lb., Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated, Diaphragm Valve	2,126.44	166.42
23 05 23 00-0644	EA	3" Diameter Flanged, Cast Iron, 150 Lb., Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated, Diaphragm Valve	2,650.48	195.12
23 05 23 00-0645	EA	4" Diameter Flanged, Cast Iron, 150 Lb., Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated, Diaphragm Valve	3,713.16	327.10
23 05 23 00-0646	EA	6" Diameter Flanged, Cast Iron, 150 Lb., Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated, Diaphragm Valve	7,906.22	403.13
23 05 23 00-0647	EA	8" Diameter Flanged, Cast Iron, 150 Lb., Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated, Diaphragm Valve	12,375.26	515.11
23 05 23 00-0648		Ethylene Propylene Diene Monomer (EPDM) Lined, Threaded Cast Iron Diaphragm Valves *(23 05 23 00-0630)*		
23 05 23 00-0649	EA	1/2" Diameter Threaded, Cast Iron, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated, Diaphragm Valve	182.87	37.30
23 05 23 00-0650	EA	3/4" Diameter Threaded, Cast Iron, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated, Diaphragm Valve	240.40	41.32
23 05 23 00-0651	EA	1" Diameter Threaded, Cast Iron, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated, Diaphragm Valve	272.28	51.08
23 05 23 00-0652	EA	1-1/2" Diameter Threaded, Cast Iron, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated, Diaphragm Valve	465.60	76.32
23 05 23 00-0653	EA	2" Diameter Threaded, Cast Iron, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated, Diaphragm Valve	610.76	91.81
23 05 23 00-0654		Ethylene Propylene Diene Monomer (EPDM) Lined, Flanged Cast Iron Diaphragm Valves *(23 05 23 00-0630)*		
23 05 23 00-0655	EA	1/2" Diameter Flanged, Cast Iron, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated, Diaphragm Valve	311.54	59.83
23 05 23 00-0656	EA	3/4" Diameter Flanged, Cast Iron, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated, Diaphragm Valve	362.76	62.33
23 05 23 00-0657	EA	1" Diameter Flanged, Cast Iron, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated, Diaphragm Valve	457.67	93.48
23 05 23 00-0658	EA	1-1/2" Diameter Flanged, Cast Iron, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated, Diaphragm Valve	732.21	130.87
23 05 23 00-0659	EA	2" Diameter Flanged, Cast Iron, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated, Diaphragm Valve	995.47	166.15
23 05 23 00-0660	EA	2-1/2" Diameter Flanged, Cast Iron, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated, Diaphragm Valve	1,235.71	166.42
23 05 23 00-0661	EA	3" Diameter Flanged, Cast Iron, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated, Diaphragm Valve	1,509.77	195.12
23 05 23 00-0662	EA	4" Diameter Flanged, Cast Iron, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated, Diaphragm Valve	2,368.52	327.10
23 05 23 00-0663	EA	6" Diameter Flanged, Cast Iron, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated, Diaphragm Valve	4,893.73	403.13
23 05 23 00-0664	EA	8" Diameter Flanged, Cast Iron, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated, Diaphragm Valve	7,597.19	515.11
23 05 23 00-0665		125 Lb., Hand Wheel Operated, Flanged Cast Iron Diaphragm Valves *(23 05 23 00-0630)*		
23 05 23 00-0666	EA	1" Diameter Flanged, 125 Lb., Cast Iron, Diaphragm Valve	599.04	93.48
23 05 23 00-0667	EA	1-1/2" Diameter Flanged, 125 Lb., Cast Iron, Diaphragm Valve	985.30	130.87
23 05 23 00-0668	EA	2" Diameter Flanged, 125 Lb., Cast Iron, Diaphragm Valve	1,333.47	166.15
23 05 23 00-0669	EA	2-1/2" Diameter Flanged, 125 Lb., Cast Iron, Diaphragm Valve	1,964.51	166.42
23 05 23 00-0670	EA	3" Diameter Flanged, 125 Lb., Cast Iron, Diaphragm Valve	2,162.86	195.12
23 05 23 00-0671	EA	4" Diameter Flanged, 125 Lb., Cast Iron, Diaphragm Valve	3,376.40	327.10
23 05 23 00-0672	EA	6" Diameter Flanged, 125 Lb., Cast Iron, Diaphragm Valve	6,948.46	403.13
23 05 23 00-0673	EA	8" Diameter Flanged, 125 Lb., Cast Iron, Diaphragm Valve	14,672.25	515.11
23 05 23 00-0674		Solenoid Valves *(23 05 23)*		
23 05 23 00-0675		Bronze Body Solenoid Valves, 150 PSI Maximum Water Pressure *(23 05 23 00-0674)*		
23 05 23 00-0676	EA	1/4" Diameter, 150 PSI, Bronze, Solenoid Valve, Water	143.06	12.47
23 05 23 00-0677	EA	1/2" Diameter, 150 PSI, Bronze, Solenoid Valve, Water	166.09	12.47
23 05 23 00-0678	EA	3/4" Diameter, 150 PSI, Bronze, Solenoid Valve, Water	212.50	13.71
23 05 23 00-0679	EA	1" Diameter, 150 PSI, Bronze, Solenoid Valve, Water	313.56	15.58
23 05 23 00-0680	EA	1-1/2" Diameter, 150 PSI, Bronze, Solenoid Valve, Water	553.63	19.19
23 05 23 00-0681	EA	2" Diameter, 150 PSI, Bronze, Solenoid Valve, Water	868.02	22.68
23 05 23 00-0682	EA	2-1/2" Diameter, 150 PSI, Bronze, Solenoid Valve, Water	1,182.32	30.65
23 05 23 00-0683	EA	3" Diameter, 150 PSI, Bronze, Solenoid Valve, Water	1,716.54	35.58

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0684		**Flow Control Valves And Meters** *(23 05 23)*		
23 05 23 00-0685		**Conditioned Water Balancing Valves** *(23 05 23 00-0684)* Note: Working pressures up to 300 PSIG. Iron and bronze body construction (combination balancing, flow measuring and shut-off). Excludes portable read-out meter.		
23 05 23 00-0686	EA	1/2" Diameter NPT, Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	182.83	63.59
23 05 23 00-0687	EA	3/4" Diameter NPT, Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	218.96	84.79
23 05 23 00-0688	EA	1" Diameter NPT, Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,424.40	96.88
23 05 23 00-0689	EA	1-1/4" Diameter NPT, Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,533.27	119.71
23 05 23 00-0690	EA	1-1/2" Diameter NPT, Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,641.73	127.19
23 05 23 00-0691	EA	2" Diameter NPT, Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,755.95	145.39
23 05 23 00-0692	EA	2-1/2" Diameter NPT, Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	3,118.35	253.09
23 05 23 00-0693	EA	3" Diameter NPT, Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	3,005.31	289.25
23 05 23 00-0694	EA	3" Diameter Flanged, Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	3,375.57	195.22
23 05 23 00-0695	EA	4" Diameter Flanged, Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	4,670.41	327.27
23 05 23 00-0696	EA	6" Diameter Flanged, Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	7,310.51	413.39
23 05 23 00-0697	EA	8" Diameter Flanged, Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	9,872.32	528.22
23 05 23 00-0698	EA	10" Diameter Flanged, Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	14,127.81	643.05
23 05 23 00-0699		**Balancing Valves** *(23 05 23)*		
23 05 23 00-0700		**Balancing Valves With Lever** *(23 05 23 00-0699)* Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.		
23 05 23 00-0701	EA	1/2" Diameter Threaded, Balancing Valve With Lever	436.96	39.27
23 05 23 00-0702	EA	3/4" Diameter Threaded, Balancing Valve With Lever	472.15	51.75
23 05 23 00-0703	EA	1" Diameter Threaded, Balancing Valve With Lever	671.87	59.23
23 05 23 00-0704	EA	1-1/4" Diameter Threaded, Balancing Valve With Lever	721.46	73.56
23 05 23 00-0705	EA	1-1/2" Diameter Threaded, Balancing Valve With Lever	757.46	77.93
23 05 23 00-0706	EA	2" Diameter Threaded, Balancing Valve With Lever	931.40	89.15
23 05 23 00-0707	EA	2-1/2" Diameter Flanged, Balancing Valve With Lever	1,252.65	166.51
23 05 23 00-0708	EA	3" Diameter Flanged, Balancing Valve With Lever	1,253.78	195.22
23 05 23 00-0709	EA	4" Diameter Flanged, Balancing Valve With Lever	1,557.23	327.27
23 05 23 00-0710	EA	5" Diameter Flanged, Balancing Valve With Lever	4,715.05	372.05
23 05 23 00-0711	EA	6" Diameter Flanged, Balancing Valve With Lever	2,296.62	413.39
23 05 23 00-0712	EA	8" Diameter Flanged, Balancing Valve With Lever	3,040.89	528.22
23 05 23 00-0713		**Balancing Valves With Nut** *(23 05 23 00-0699)* Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.		
23 05 23 00-0714	EA	4" Diameter Flanged, Balancing Valve With Nut	1,557.23	327.27
23 05 23 00-0715	EA	5" Diameter Flanged, Balancing Valve With Nut	4,715.05	372.05
23 05 23 00-0716	EA	6" Diameter Flanged, Balancing Valve With Nut	2,296.62	413.39
23 05 23 00-0717	EA	8" Diameter Flanged, Balancing Valve With Nut	3,040.89	528.22
23 05 23 00-0718		**Balancing Valves With Hand Wheel** *(23 05 23 00-0699)* Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.		
23 05 23 00-0719	EA	4" Diameter Flanged, Balancing Valve With Hand Wheel	2,137.16	327.27
23 05 23 00-0720	EA	5" Diameter Flanged, Balancing Valve With Hand Wheel	5,328.12	372.05
23 05 23 00-0721	EA	6" Diameter Flanged, Balancing Valve With Hand Wheel	2,910.96	413.39
23 05 23 00-0722	EA	8" Diameter Flanged, Balancing Valve With Hand Wheel	4,130.65	528.22
23 05 23 00-0723	EA	10" Diameter Flanged, Balancing Valve With Hand Wheel	6,377.51	643.05
23 05 23 00-0724	EA	12" Diameter Flanged, Balancing Valve With Hand Wheel	8,364.14	526.02
23 05 23 00-0725	EA	14" Diameter Flanged, Balancing Valve With Hand Wheel	10,949.42	991.78
23 05 23 00-0726		**Balancing Valves With Chain Wheel** *(23 05 23 00-0699)* Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.		
23 05 23 00-0727	EA	4" Diameter Flanged, Balancing Valve With Chain Wheel	2,469.82	327.27
23 05 23 00-0728	EA	5" Diameter Flanged, Balancing Valve With Chain Wheel	5,655.68	372.05
23 05 23 00-0729	EA	6" Diameter Flanged, Balancing Valve With Chain Wheel	3,237.25	413.39
23 05 23 00-0730	EA	8" Diameter Flanged, Balancing Valve With Chain Wheel	4,532.14	528.22
23 05 23 00-0731	EA	10" Diameter Flanged, Balancing Valve With Chain Wheel	6,767.53	643.05
23 05 23 00-0732	EA	12" Diameter Flanged, Balancing Valve With Chain Wheel	9,092.24	525.64
23 05 23 00-0733	EA	14" Diameter Flanged, Balancing Valve With Chain Wheel	11,608.37	991.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0734		**Calibrated Balancing Valves** *(23 05 23 00-0699)* Note: Bell & Gossett CB Series.		
23 05 23 00-0735	EA	1/2" Diameter Brazed Or Soldered, Calibrated Balancing Valve (CB-1/2S)	150.59	12.47
23 05 23 00-0736	EA	3/4" Diameter Brazed Or Soldered, Calibrated Balancing Valve (CB-3/4S)	176.97	13.71
23 05 23 00-0737	EA	1" Diameter Brazed Or Soldered, Calibrated Balancing Valve (CB-1S)	200.19	15.58
23 05 23 00-0738	EA	1-1/4" Diameter Brazed Or Soldered, Calibrated Balancing Valve (CB-1-1/4S)	279.88	16.58
23 05 23 00-0739	EA	1-1/2" Diameter Brazed Or Soldered, Calibrated Balancing Valve (CB-1-1/2S)	328.53	19.20
23 05 23 00-0740	EA	2" Diameter Brazed Or Soldered, Calibrated Balancing Valve (CB-2S)	440.70	22.69
23 05 23 00-0741	EA	1" Diameter Threaded, Calibrated Balancing Valve (CB-1)	229.84	15.58
23 05 23 00-0742	EA	1-1/4" Diameter Threaded, Calibrated Balancing Valve (CB-1-1/4)	313.10	16.58
23 05 23 00-0743	EA	1-1/2" Diameter Threaded, Calibrated Balancing Valve (CB-1-1/2)	350.57	19.20
23 05 23 00-0744	EA	2" Diameter Threaded, Calibrated Balancing Valve (CB-2)	471.67	22.69
23 05 23 00-0745	EA	2-1/2" Diameter Threaded, Calibrated Balancing Valve (CB-2-1/2)	664.41	33.29
23 05 23 00-0746	EA	3" Diameter Threaded, Calibrated Balancing Valve (CB-3)	1,157.07	38.65
23 05 23 00-0747	EA	2-1/2" Diameter Flanged, Calibrated Balancing Valve (CB-2-1/2F)	1,092.56	180.80
23 05 23 00-0748	EA	3" Diameter Flanged, Calibrated Balancing Valve (CB-3F)	1,896.48	211.98
23 05 23 00-0749	EA	4" Diameter Flanged, Calibrated Balancing Valve (CB-4F)	2,847.10	355.37
23 05 23 00-0750	EA	5" Diameter Flanged, Calibrated Balancing Valve (CB-5F)	3,927.08	404.00
23 05 23 00-0751	EA	6" Diameter Flanged, Calibrated Balancing Valve (CB-6F)	4,973.48	448.89
23 05 23 00-0752	EA	8" Diameter Flanged, Calibrated Balancing Valve (CB-8F)	7,871.14	573.58
23 05 23 00-0753	EA	10" Diameter Flanged, Calibrated Balancing Valve (CB-10F)	12,913.60	694.25
23 05 23 00-0754	EA	12" Diameter Flanged, Calibrated Balancing Valve (CB-12F)	27,286.96	843.02
23 05 23 00-0755	EA	4" Diameter Grooved, Calibrated Balancing Valve (CB-4G)	3,260.84	42.92
23 05 23 00-0756	EA	5" Diameter Grooved, Calibrated Balancing Valve (CB-5G)	3,785.17	57.11
23 05 23 00-0757	EA	6" Diameter Grooved, Calibrated Balancing Valve (CB-6G)	5,010.05	73.24
23 05 23 00-0758	EA	8" Diameter Grooved, Calibrated Balancing Valve (CB-8G)	9,394.82	92.95
23 05 23 00-0759	EA	10" Diameter Grooved, Calibrated Balancing Valve (CB-10G)	14,992.57	104.14
23 05 23 00-0760	EA	12" Diameter Grooved, Calibrated Balancing Valve (CB-12G)	30,905.83	126.98
23 05 23 00-0761		**Butterfly Valves** *(23 05 23)*		
23 05 23 00-0762		**Cast Iron Body, Iron Disc, 150 PSI, Wafer Type, Butterfly Valves** *(23 05 23 00-0761)* Note: With on-off handle		
23 05 23 00-0763	EA	2" Diameter, Wafer Type, 150 PSI, Cast Iron, With Iron Disc, On Off Handle, Butterfly Valve	524.42	166.15
		For 200 PSI, Add	*152.01*	
		For Work In Restricted Working Space, Add	*62.32*	
23 05 23 00-0764	EA	2-1/2" Diameter, Wafer Type, 150 PSI, Cast Iron, With Iron Disc, On Off Handle, Butterfly Valve	543.78	166.42
		For 200 PSI, Add	*160.85*	
		For Work In Restricted Working Space, Add	*62.60*	
23 05 23 00-0765	EA	3" Diameter, Wafer Type, 150 PSI, Cast Iron, With Iron Disc, On Off Handle, Butterfly Valve	605.07	195.12
		For 200 PSI, Add	*173.22*	
		For Work In Restricted Working Space, Add	*73.26*	
23 05 23 00-0766	EA	4" Diameter, Wafer Type, 150 PSI, Cast Iron, With Iron Disc, On Off Handle, Butterfly Valve	862.83	327.10
		For 200 PSI, Add	*217.41*	
		For Work In Restricted Working Space, Add	*122.97*	
23 05 23 00-0767	EA	5" Diameter, Wafer Type, 150 PSI, Cast Iron, With Iron Disc, On Off Handle, Butterfly Valve	1,150.13	403.13
		For 200 PSI, Add	*309.32*	
		For Work In Restricted Working Space, Add	*151.72*	
23 05 23 00-0768	EA	6" Diameter, Wafer Type, 150 PSI, Cast Iron, With Iron Disc, On Off Handle, Butterfly Valve	1,347.93	447.92
		For 200 PSI, Add	*378.25*	
		For Work In Restricted Working Space, Add	*167.97*	
23 05 23 00-0769	EA	8" Diameter, Wafer Type, 150 PSI, Cast Iron, With Iron Disc, On Off Handle, Butterfly Valve	1,825.60	515.11
		For 200 PSI, Add	*569.15*	
		For Work In Restricted Working Space, Add	*191.96*	
23 05 23 00-0770	EA	10" Diameter, Wafer Type, 150 PSI, Cast Iron, With Iron Disc, On Off Handle, Butterfly Valve	3,081.66	627.09
		For 200 PSI, Add	*1,102.94*	
		For Work In Restricted Working Space, Add	*235.16*	
23 05 23 00-0771	EA	12" Diameter, Wafer Type, 150 PSI, Cast Iron, With Iron Disc, On Off Handle, Butterfly Valve	3,877.61	761.46
		For 200 PSI, Add	*1,405.19*	
		For Work In Restricted Working Space, Add	*285.04*	
23 05 23 00-0772		**Cast Iron Body, Bronze Disc, Gear Operated, 200 Lb., Lug Type, Butterfly Valves** *(23 05 23 00-0761)*		
23 05 23 00-0773	EA	2" Diameter, Lug Type, 200 Lb., Cast Iron Body, Bronze Disc, Gear Operated, Butterfly Valve	1,076.78	166.15
		For Work In Restricted Working Space, Add	*62.32*	
23 05 23 00-0774	EA	2-1/2" Diameter, Lug Type, 200 Lb., Cast Iron Body, Bronze Disc, Gear Operated, Butterfly Valve	1,085.08	166.42
		For Work In Restricted Working Space, Add	*62.60*	
23 05 23 00-0775	EA	3" Diameter, Lug Type, 200 Lb., Cast Iron Body, Bronze Disc, Gear Operated, Butterfly Valve	1,164.79	195.12
		For Work In Restricted Working Space, Add	*73.26*	
23 05 23 00-0776	EA	4" Diameter, Lug Type, 200 Lb., Cast Iron Body, Bronze Disc, Gear Operated, Butterfly Valve	1,448.33	327.10
		For Work In Restricted Working Space, Add	*122.97*	
23 05 23 00-0777	EA	5" Diameter, Lug Type, 200 Lb., Cast Iron Body, Bronze Disc, Gear Operated, Butterfly Valve	1,798.23	403.13
		For Work In Restricted Working Space, Add	*151.72*	
23 05 23 00-0778	EA	6" Diameter, Lug Type, 200 Lb., Cast Iron Body, Bronze Disc, Gear Operated, Butterfly Valve	1,992.14	447.92
		For Work In Restricted Working Space, Add	*167.97*	
23 05 23 00-0779	EA	8" Diameter, Lug Type, 200 Lb., Cast Iron Body, Bronze Disc, Gear Operated, Butterfly Valve	2,495.79	515.11
		For Work In Restricted Working Space, Add	*191.96*	
23 05 23 00-0780	EA	10" Diameter, Lug Type, 200 Lb., Cast Iron Body, Bronze Disc, Gear Operated, Butterfly Valve	3,181.08	627.09
		For Work In Restricted Working Space, Add	*235.16*	
23 05 23 00-0781	EA	12" Diameter, Lug Type, 200 Lb., Cast Iron Body, Bronze Disc, Gear Operated, Butterfly Valve	4,433.65	761.46
		For Work In Restricted Working Space, Add	*285.04*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 05 29 Hangers and Supports for HVAC Piping and Equipment *(23 05)*

23 05 29 00-0001 Hangers And Supports *(23 05 29)*

23 05 29 00-0002 Clevis Hangers *(23 05 29 00-0001)*

23 05 29 00-0003 Steel Clevis Hanger (Cooper B-Line B3100) *(23 05 29 00-0002)*

Note: Type 1.

23 05 29 00-0004	EA	1/2" Diameter Size, Steel Clevis Hanger (Cooper B-Line B3100)	22.42	10.33
		For Work In Restricted Working Space, Add	*6.20*	
23 05 29 00-0005	EA	3/4" Diameter Size, Steel Clevis Hanger (Cooper B-Line B3100)	24.72	11.48
		For Work In Restricted Working Space, Add	*6.89*	
23 05 29 00-0006	EA	1" Diameter Size, Steel Clevis Hanger (Cooper B-Line B3100)	25.99	11.48
		For Work In Restricted Working Space, Add	*7.25*	
23 05 29 00-0007	EA	1-1/4" Diameter Size, Steel Clevis Hanger (Cooper B-Line B3100)	26.93	12.41
		For Work In Restricted Working Space, Add	*7.45*	
23 05 29 00-0008	EA	1-1/2" Diameter Size, Steel Clevis Hanger (Cooper B-Line B3100)	27.16	12.41
		For Work In Restricted Working Space, Add	*7.45*	
23 05 29 00-0009	EA	2" Diameter Size, Steel Clevis Hanger (Cooper B-Line B3100)	28.29	12.63
		For Work In Restricted Working Space, Add	*7.65*	
23 05 29 00-0010	EA	2-1/2" Diameter Size, Steel Clevis Hanger (Cooper B-Line B3100)	30.76	13.09
		For Work In Restricted Working Space, Add	*7.88*	
23 05 29 00-0011	EA	3" Diameter Size, Steel Clevis Hanger (Cooper B-Line B3100)	32.67	13.77
		For Work In Restricted Working Space, Add	*8.10*	
23 05 29 00-0012	EA	3-1/2" Steel Clevis Hanger (Cooper B-Line B3100)	34.25	15.12
		For Work In Restricted Working Space, Add	*8.64*	
23 05 29 00-0013	EA	4" Diameter Size, Steel Clevis Hanger (Cooper B-Line B3100)	37.44	16.07
		For Work In Restricted Working Space, Add	*9.18*	
23 05 29 00-0014	EA	5" Diameter Size, Steel Clevis Hanger (Cooper B-Line B3100)	47.90	19.22
		For Work In Restricted Working Space, Add	*11.54*	
23 05 29 00-0015	EA	6" Diameter Size, Steel Clevis Hanger (Cooper B-Line B3100)	57.58	22.96
		For Work In Restricted Working Space, Add	*13.77*	
23 05 29 00-0016	EA	8" Diameter Size, Steel Clevis Hanger (Cooper B-Line B3100)	76.72	28.70
		For Work In Restricted Working Space, Add	*17.22*	
23 05 29 00-0017	EA	10" Diameter Size, Steel Clevis Hanger (Cooper B-Line B3100)	110.96	39.03
		For Work In Restricted Working Space, Add	*22.95*	
23 05 29 00-0018	EA	12" Diameter Size, Steel Clevis Hanger (Cooper B-Line B3100)	129.49	43.04
		For Work In Restricted Working Space, Add	*25.82*	

23 05 29 00-0019 Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) *(23 05 29 00-0002)*

23 05 29 00-0020	EA	1/2" Diameter Size, Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	27.09	10.33
		For Work In Restricted Working Space, Add	*6.20*	
23 05 29 00-0021	EA	3/4" Diameter Size, Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	29.39	11.48
		For Work In Restricted Working Space, Add	*6.89*	
23 05 29 00-0022	EA	1" Diameter Size, Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	30.76	11.48
		For Work In Restricted Working Space, Add	*7.25*	
23 05 29 00-0023	EA	1-1/4" Diameter Size, Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	31.80	12.41
		For Work In Restricted Working Space, Add	*7.45*	
23 05 29 00-0024	EA	1-1/2" Diameter Size, Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	32.40	12.41
		For Work In Restricted Working Space, Add	*7.45*	
23 05 29 00-0025	EA	2" Diameter Size, Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	33.23	12.63
		For Work In Restricted Working Space, Add	*7.65*	
23 05 29 00-0026	EA	2-1/2" Diameter Size, Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	36.79	13.09
		For Work In Restricted Working Space, Add	*7.88*	
23 05 29 00-0027	EA	3" Diameter Size, Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	38.51	13.77
		For Work In Restricted Working Space, Add	*8.10*	
23 05 29 00-0028	EA	3-1/2" Diameter Size, Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	43.25	16.07
		For Work In Restricted Working Space, Add	*9.18*	
23 05 29 00-0029	EA	4" Diameter Size, Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	47.19	16.07
		For Work In Restricted Working Space, Add	*9.18*	
23 05 29 00-0030	EA	5" Diameter Size, Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	75.39	19.22
		For Work In Restricted Working Space, Add	*11.54*	
23 05 29 00-0031	EA	6" Diameter Size, Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	93.13	22.96
		For Work In Restricted Working Space, Add	*13.77*	
23 05 29 00-0032	EA	8" Diameter Size, Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	111.37	28.70
		For Work In Restricted Working Space, Add	*17.22*	

23 05 29 00-0033 Steel Clevis Hanger, Light Duty (Cooper B-Line B3104) *(23 05 29 00-0002)*

23 05 29 00-0034	EA	1/2" Diameter Size, Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	22.25	10.33
		For Work In Restricted Working Space, Add	*6.20*	
23 05 29 00-0035	EA	3/4" Diameter Size, Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	24.59	11.48
		For Work In Restricted Working Space, Add	*6.89*	
23 05 29 00-0036	EA	1" Diameter Size, Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	25.95	11.48
		For Work In Restricted Working Space, Add	*7.25*	
23 05 29 00-0037	EA	1-1/4" Diameter Size, Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	26.67	12.41
		For Work In Restricted Working Space, Add	*7.45*	
23 05 29 00-0038	EA	1-1/2" Diameter Size, Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	26.80	12.41
		For Work In Restricted Working Space, Add	*7.45*	
23 05 29 00-0039	EA	2" Diameter Size, Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	27.56	12.63
		For Work In Restricted Working Space, Add	*7.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0040	EA	2-1/2" Diameter Size, Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	29.80	13.09
		For Work In Restricted Working Space, Add	*7.88*	
23 05 29 00-0041	EA	3" Diameter Size, Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	31.05	13.77
		For Work In Restricted Working Space, Add	*8.10*	
23 05 29 00-0042	EA	3-1/2" Diameter Size, Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	35.02	16.07
		For Work In Restricted Working Space, Add	*9.18*	
23 05 29 00-0043	EA	4" Diameter Size, Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	35.95	16.07
		For Work In Restricted Working Space, Add	*9.18*	
23 05 29 00-0044		Extended Steel Clevis Hanger (Cooper B-Line B3108) *(23 05 29 00-0002)*		
23 05 29 00-0045	EA	3/4" Diameter Size, Steel Extended Clevis Hanger (Cooper B-Line B3108)	30.42	11.48
		For Work In Restricted Working Space, Add	*6.89*	
23 05 29 00-0046	EA	1" Diameter Size, Steel Extended Clevis Hanger (Cooper B-Line B3108)	31.69	11.48
		For Work In Restricted Working Space, Add	*7.25*	
23 05 29 00-0047	EA	1-1/4" Diameter Size, Steel Extended Clevis Hanger (Cooper B-Line B3108)	32.37	12.41
		For Work In Restricted Working Space, Add	*7.45*	
23 05 29 00-0048	EA	1-1/2" Diameter Size, Steel Extended Clevis Hanger (Cooper B-Line B3108)	33.30	12.41
		For Work In Restricted Working Space, Add	*7.45*	
23 05 29 00-0049	EA	2" Diameter Size, Steel Extended Clevis Hanger (Cooper B-Line B3108)	35.51	12.63
		For Work In Restricted Working Space, Add	*7.65*	
23 05 29 00-0050	EA	2-1/2" Diameter Size, Steel Extended Clevis Hanger (Cooper B-Line B3108)	37.89	13.09
		For Work In Restricted Working Space, Add	*7.88*	
23 05 29 00-0051	EA	3" Diameter Size, Steel Extended Clevis Hanger (Cooper B-Line B3108)	39.67	13.77
		For Work In Restricted Working Space, Add	*8.10*	
23 05 29 00-0052	EA	4" Diameter Size, Steel Extended Clevis Hanger (Cooper B-Line B3108)	47.32	16.07
		For Work In Restricted Working Space, Add	*9.18*	
23 05 29 00-0053	EA	5" Diameter Size, Steel Extended Clevis Hanger (Cooper B-Line B3108)	59.67	19.22
		For Work In Restricted Working Space, Add	*11.54*	
23 05 29 00-0054	EA	6" Diameter Size, Steel Extended Clevis Hanger (Cooper B-Line B3108)	73.36	22.96
		For Work In Restricted Working Space, Add	*13.77*	
23 05 29 00-0055	EA	8" Diameter Size, Steel Extended Clevis Hanger (Cooper B-Line B3108)	102.62	28.70
		For Work In Restricted Working Space, Add	*17.22*	
23 05 29 00-0056	EA	10" Diameter Size, Steel Extended Clevis Hanger (Cooper B-Line B3108)	143.39	39.03
		For Work In Restricted Working Space, Add	*22.95*	
23 05 29 00-0057	EA	12" Diameter Size, Steel Extended Clevis Hanger (Cooper B-Line B3108)	161.08	43.04
		For Work In Restricted Working Space, Add	*25.82*	
23 05 29 00-0058		Steel Clevis Hanger, Flat Top (Cooper B-Line B3109) *(23 05 29 00-0002)*		
23 05 29 00-0059	EA	2" Diameter Size, Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	36.61	12.63
		For Work In Restricted Working Space, Add	*7.65*	
23 05 29 00-0060	EA	2-1/2" Diameter Size, Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	38.92	13.09
		For Work In Restricted Working Space, Add	*7.88*	
23 05 29 00-0061	EA	3" Diameter Size, Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	40.83	13.77
		For Work In Restricted Working Space, Add	*8.10*	
23 05 29 00-0062	EA	3-1/2" Diameter Size, Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	45.33	16.07
		For Work In Restricted Working Space, Add	*9.18*	
23 05 29 00-0063	EA	4" Diameter Size, Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	47.65	16.07
		For Work In Restricted Working Space, Add	*9.18*	
23 05 29 00-0064	EA	5" Diameter Size, Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	59.24	19.22
		For Work In Restricted Working Space, Add	*11.54*	
23 05 29 00-0065	EA	6" Diameter Size, Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	69.32	22.96
		For Work In Restricted Working Space, Add	*13.77*	
23 05 29 00-0066	EA	8" Diameter Size, Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	91.41	28.70
		For Work In Restricted Working Space, Add	*17.22*	
23 05 29 00-0067		Adjustable Hangers *(23 05 29 00-0001)*		
23 05 29 00-0068		Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690) *(23 05 29 00-0067)*		
		Note: Type 5.		
23 05 29 00-0069	EA	1/2" Diameter Size, Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	20.35	9.06
		For Work In Restricted Working Space, Add	*5.43*	
23 05 29 00-0070	EA	3/4" Diameter Size, Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	22.34	10.05
		For Work In Restricted Working Space, Add	*6.03*	
23 05 29 00-0071	EA	1" Diameter Size, Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	24.55	11.17
		For Work In Restricted Working Space, Add	*6.70*	
23 05 29 00-0072	EA	1-1/4" Diameter Size, Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	27.12	12.40
		For Work In Restricted Working Space, Add	*7.44*	
23 05 29 00-0073	EA	1-1/2" Diameter Size, Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	28.50	13.02
		For Work In Restricted Working Space, Add	*7.82*	
23 05 29 00-0074	EA	2" Diameter Size, Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	30.43	13.65
		For Work In Restricted Working Space, Add	*8.18*	
23 05 29 00-0075	EA	2-1/2" Diameter Size, Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	34.56	14.27
		For Work In Restricted Working Space, Add	*8.56*	
23 05 29 00-0076	EA	3" Diameter Size, Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	36.11	14.88
		For Work In Restricted Working Space, Add	*8.93*	
23 05 29 00-0077	EA	4" Diameter Size, Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	42.71	16.75
		For Work In Restricted Working Space, Add	*10.05*	
23 05 29 00-0078		Adjustable Swivel Steel Ring (Cooper B-Line B3170) *(23 05 29 00-0067)*		
		Note: Type 10.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0079	EA	1/2" Diameter Size, Adjustable Swivel Steel Ring (Cooper B-Line B3170)	23.99	11.48
		For 316 Stainless Steel, Add	*6.44*	
		For Work In Restricted Working Space, Add	*6.89*	
		For 304 Stainless Steel, Add	*5.25*	
23 05 29 00-0080	EA	3/4" Diameter Size, Adjustable Swivel Steel Ring (Cooper B-Line B3170)	25.29	11.48
		For 316 Stainless Steel, Add	*7.06*	
		For Work In Restricted Working Space, Add	*7.25*	
		For 304 Stainless Steel, Add	*5.76*	
23 05 29 00-0081	EA	1" Diameter Size, Adjustable Swivel Steel Ring (Cooper B-Line B3170)	26.63	12.63
		For 316 Stainless Steel, Add	*7.06*	
		For Work In Restricted Working Space, Add	*7.65*	
		For 304 Stainless Steel, Add	*5.76*	
23 05 29 00-0082	EA	1-1/4" Diameter Size, Adjustable Swivel Steel Ring (Cooper B-Line B3170)	28.26	13.77
		For 316 Stainless Steel, Add	*7.88*	
		For Work In Restricted Working Space, Add	*8.10*	
		For 304 Stainless Steel, Add	*6.43*	
23 05 29 00-0083	EA	1-1/2" Diameter Size, Adjustable Swivel Steel Ring (Cooper B-Line B3170)	31.87	16.07
		For 316 Stainless Steel, Add	*7.88*	
		For Work In Restricted Working Space, Add	*9.18*	
		For 304 Stainless Steel, Add	*6.43*	
23 05 29 00-0084	EA	2" Diameter Size, Adjustable Swivel Steel Ring (Cooper B-Line B3170)	34.12	16.07
		For 316 Stainless Steel, Add	*8.31*	
		For Work In Restricted Working Space, Add	*9.84*	
		For 304 Stainless Steel, Add	*6.78*	
23 05 29 00-0085	EA	2-1/2" Diameter Size, Adjustable Swivel Steel Ring (Cooper B-Line B3170)	37.47	17.22
		For 316 Stainless Steel, Add	*13.50*	
		For Work In Restricted Working Space, Add	*10.59*	
		For 304 Stainless Steel, Add	*11.02*	
23 05 29 00-0086	EA	3" Diameter Size, Adjustable Swivel Steel Ring (Cooper B-Line B3170)	40.51	19.51
		For 316 Stainless Steel, Add	*14.06*	
		For Work In Restricted Working Space, Add	*11.48*	
		For 304 Stainless Steel, Add	*11.48*	
23 05 29 00-0087	EA	3-1/2" Diameter Size, Adjustable Swivel Steel Ring (Cooper B-Line B3170)	44.91	20.94
		For 316 Stainless Steel, Add	*18.88*	
		For Work In Restricted Working Space, Add	*12.57*	
		For 304 Stainless Steel, Add	*15.40*	
23 05 29 00-0088	EA	4" Diameter Size, Adjustable Swivel Steel Ring (Cooper B-Line B3170)	48.93	22.96
		For 316 Stainless Steel, Add	*18.88*	
		For Work In Restricted Working Space, Add	*13.77*	
		For 304 Stainless Steel, Add	*15.40*	
23 05 29 00-0089	EA	5" Diameter Size, Adjustable Swivel Steel Ring (Cooper B-Line B3170)	57.92	25.83
		For 316 Stainless Steel, Add	*39.19*	
		For Work In Restricted Working Space, Add	*15.50*	
		For 304 Stainless Steel, Add	*31.98*	
23 05 29 00-0090	EA	6" Diameter Size, Adjustable Swivel Steel Ring (Cooper B-Line B3170)	63.76	28.70
		For 316 Stainless Steel, Add	*39.81*	
		For Work In Restricted Working Space, Add	*17.22*	
		For 304 Stainless Steel, Add	*32.49*	
23 05 29 00-0091	EA	8" Diameter Size, Adjustable Swivel Steel Ring (Cooper B-Line B3170)	76.42	34.43
		For 316 Stainless Steel, Add	*47.25*	
		For Work In Restricted Working Space, Add	*20.66*	
		For 304 Stainless Steel, Add	*38.56*	

23 05 29 00-0092 Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) *(23 05 29 00-0067)*

23 05 29 00-0093	EA	1/2" Diameter Size, Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	26.70	11.48
		For 316 Stainless Steel, Add	*23.38*	
		For Work In Restricted Working Space, Add	*6.89*	
		For 304 Stainless Steel, Add	*19.07*	
23 05 29 00-0094	EA	3/4" Diameter Size, Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	27.90	11.48
		For 316 Stainless Steel, Add	*23.38*	
		For Work In Restricted Working Space, Add	*7.25*	
		For 304 Stainless Steel, Add	*19.07*	
23 05 29 00-0095	EA	1" Diameter Size, Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	29.24	12.63
		For 316 Stainless Steel, Add	*23.38*	
		For Work In Restricted Working Space, Add	*7.65*	
		For 304 Stainless Steel, Add	*19.07*	
23 05 29 00-0096	EA	1-1/4" Diameter Size, Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	30.74	13.77
		For 316 Stainless Steel, Add	*23.38*	
		For Work In Restricted Working Space, Add	*8.10*	
		For 304 Stainless Steel, Add	*19.07*	
23 05 29 00-0097	EA	1-1/2" Diameter Size, Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	34.66	16.07
		For 316 Stainless Steel, Add	*25.31*	
		For Work In Restricted Working Space, Add	*9.18*	
		For 304 Stainless Steel, Add	*20.66*	
23 05 29 00-0098	EA	2" Diameter Size, Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	36.84	16.07
		For 316 Stainless Steel, Add	*25.31*	
		For Work In Restricted Working Space, Add	*9.84*	
		For 304 Stainless Steel, Add	*20.66*	
23 05 29 00-0099	EA	2-1/2" Diameter Size, Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	45.94	17.22
		For 316 Stainless Steel, Add	*66.44*	
		For Work In Restricted Working Space, Add	*10.59*	
		For 304 Stainless Steel, Add	*54.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0100	EA	3" Diameter Size, Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	51.43	19.51
		For 316 Stainless Steel, Add	*82.31*	
		For Work In Restricted Working Space, Add	*11.48*	
		For 304 Stainless Steel, Add	*67.17*	
23 05 29 00-0101	EA	3-1/2" Diameter Size, Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	56.10	20.94
		For 316 Stainless Steel, Add	*88.81*	
		For Work In Restricted Working Space, Add	*12.57*	
		For 304 Stainless Steel, Add	*72.47*	
23 05 29 00-0102	EA	4" Diameter Size, Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	63.21	22.96
		For 316 Stainless Steel, Add	*108.13*	
		For Work In Restricted Working Space, Add	*13.77*	
		For 304 Stainless Steel, Add	*88.23*	
23 05 29 00-0103	EA	5" Diameter Size, Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	69.19	25.83
		For 316 Stainless Steel, Add	*109.63*	
		For Work In Restricted Working Space, Add	*15.50*	
		For 304 Stainless Steel, Add	*89.45*	
23 05 29 00-0104	EA	6" Diameter Size, Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	82.78	28.70
		For 316 Stainless Steel, Add	*158.69*	
		For Work In Restricted Working Space, Add	*17.22*	
		For 304 Stainless Steel, Add	*129.49*	
23 05 29 00-0105		Roller Hangers *(23 05 29 00-0001)*		
23 05 29 00-0106		Single Pipe Roll (Cooper B-Line B3114) *(23 05 29 00-0105)*		
		Note: Excludes rod and nuts. Type 41.		
23 05 29 00-0107	EA	2" Diameter Size, Single Pipe Roll (Cooper B-Line B3114)	33.00	9.19
		Note: Excludes rod and nuts.		
		For Work In Restricted Working Space, Add	*5.51*	
23 05 29 00-0108	EA	2-1/2" Diameter Size, Single Pipe Roll (Cooper B-Line B3114)	36.39	10.34
		Note: Excludes rod and nuts.		
		For Work In Restricted Working Space, Add	*6.20*	
23 05 29 00-0109	EA	3" Diameter Size, Single Pipe Roll (Cooper B-Line B3114)	40.70	12.06
		Note: Excludes rod and nuts.		
		For Work In Restricted Working Space, Add	*7.24*	
23 05 29 00-0110	EA	3-1/2" Diameter Size, Single Pipe Roll (Cooper B-Line B3114)	46.79	13.78
		Note: Excludes rod and nuts.		
		For Work In Restricted Working Space, Add	*8.27*	
23 05 29 00-0111	EA	4" Diameter Size, Single Pipe Roll (Cooper B-Line B3114)	63.41	15.50
		Note: Excludes rod and nuts.		
		For Work In Restricted Working Space, Add	*9.30*	
23 05 29 00-0112	EA	5" Diameter Size, Single Pipe Roll (Cooper B-Line B3114)	57.79	17.23
		Note: Excludes rod and nuts.		
		For Work In Restricted Working Space, Add	*10.34*	
23 05 29 00-0113	EA	6" Diameter Size, Single Pipe Roll (Cooper B-Line B3114)	71.65	20.67
		Note: Excludes rod and nuts.		
		For Work In Restricted Working Space, Add	*12.40*	
23 05 29 00-0114	EA	8" Diameter Size, Single Pipe Roll (Cooper B-Line B3114)	95.25	24.12
		Note: Excludes rod and nuts.		
		For Work In Restricted Working Space, Add	*14.47*	
23 05 29 00-0115	EA	10" Diameter Size, Single Pipe Roll (Cooper B-Line B3114)	112.96	28.71
		Note: Excludes rod and nuts.		
		For Work In Restricted Working Space, Add	*17.23*	
23 05 29 00-0116		Adjustable Clevis Roller Hanger (Cooper B-Line B3110) *(23 05 29 00-0105)*		
		Note: Type 43.		
23 05 29 00-0117	EA	2" Diameter Size, Steel Clevis Roller Hanger (Cooper B-Line B3110)	49.84	16.21
		For 316 Stainless Steel, Add	*116.69*	
		For Work In Restricted Working Space, Add	*9.35*	
		For 304 Stainless Steel, Add	*95.22*	
23 05 29 00-0118	EA	2-1/2" Diameter Size, Steel Clevis Roller Hanger (Cooper B-Line B3110)	52.08	16.71
		For 316 Stainless Steel, Add	*116.69*	
		For Work In Restricted Working Space, Add	*10.02*	
		For 304 Stainless Steel, Add	*95.22*	
23 05 29 00-0119	EA	3" Diameter Size, Steel Clevis Roller Hanger (Cooper B-Line B3110)	56.45	17.46
		For 316 Stainless Steel, Add	*130.13*	
		For Work In Restricted Working Space, Add	*10.69*	
		For 304 Stainless Steel, Add	*106.18*	
23 05 29 00-0120	EA	3-1/2" Diameter Size, Steel Clevis Roller Hanger (Cooper B-Line B3110)	65.13	18.71
		For 316 Stainless Steel, Add	*173.25*	
		For Work In Restricted Working Space, Add	*11.22*	
		For 304 Stainless Steel, Add	*141.37*	
23 05 29 00-0121	EA	4" Diameter Size, Steel Clevis Roller Hanger (Cooper B-Line B3110)	69.28	21.19
		For 316 Stainless Steel, Add	*173.25*	
		For Work In Restricted Working Space, Add	*12.47*	
		For 304 Stainless Steel, Add	*141.37*	
23 05 29 00-0122	EA	5" Diameter Size, Steel Clevis Roller Hanger (Cooper B-Line B3110)	78.00	22.81
		For 316 Stainless Steel, Add	*202.25*	
		For Work In Restricted Working Space, Add	*13.69*	
		For 304 Stainless Steel, Add	*165.04*	
23 05 29 00-0123	EA	6" Diameter Size, Steel Clevis Roller Hanger (Cooper B-Line B3110)	90.07	24.94
		For 316 Stainless Steel, Add	*251.19*	
		For Work In Restricted Working Space, Add	*14.96*	
		For 304 Stainless Steel, Add	*204.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0124	EA	8" Diameter Size, Steel Clevis Roller Hanger (Cooper B-Line B3110)	122.50	31.17
		For 316 Stainless Steel, Add	*375.94*	
		For Work In Restricted Working Space, Add	*18.71*	
		For 304 Stainless Steel, Add	*306.77*	
23 05 29 00-0125	EA	10" Diameter Size, Steel Clevis Roller Hanger (Cooper B-Line B3110)	154.79	42.40
		For 316 Stainless Steel, Add	*447.88*	
		For Work In Restricted Working Space, Add	*24.94*	
		For 304 Stainless Steel, Add	*365.47*	
23 05 29 00-0126	EA	12" Diameter Size, Steel Clevis Roller Hanger (Cooper B-Line B3110)	198.86	46.75
		For 316 Stainless Steel, Add	*658.38*	
		For Work In Restricted Working Space, Add	*28.06*	
		For 304 Stainless Steel, Add	*537.23*	
23 05 29 00-0127		**Roller Chair (Cooper B-Line B3120)** *(23 05 29 00-0105)*		
23 05 29 00-0128	EA	2" Diameter Size, Steel Roller Chair (Cooper B-Line B3120)	48.61	16.21
		For Work In Restricted Working Space, Add	*9.35*	
23 05 29 00-0129	EA	2-1/2" Diameter Size, Steel Roller Chair (Cooper B-Line B3120)	52.35	16.71
		For Work In Restricted Working Space, Add	*10.02*	
23 05 29 00-0130	EA	3" Diameter Size, Steel Roller Chair (Cooper B-Line B3120)	54.99	17.46
		For Work In Restricted Working Space, Add	*10.69*	
23 05 29 00-0131	EA	3-1/2" Diameter Size, Steel Roller Chair (Cooper B-Line B3120)	62.08	18.71
		For Work In Restricted Working Space, Add	*11.22*	
23 05 29 00-0132	EA	4" Diameter Size, Steel Roller Chair (Cooper B-Line B3120)	69.15	21.19
		For Work In Restricted Working Space, Add	*12.47*	
23 05 29 00-0133	EA	5" Diameter Size, Steel Roller Chair (Cooper B-Line B3120)	75.61	22.81
		For Work In Restricted Working Space, Add	*13.69*	
23 05 29 00-0134	EA	6" Diameter Size, Steel Roller Chair (Cooper B-Line B3120)	91.63	24.94
		For Work In Restricted Working Space, Add	*14.96*	
23 05 29 00-0135	EA	8" Diameter Size, Steel Roller Chair (Cooper B-Line B3120)	118.78	31.17
		For Work In Restricted Working Space, Add	*18.71*	
23 05 29 00-0136	EA	10" Diameter Size, Steel Roller Chair (Cooper B-Line B3120)	153.92	42.40
		For Work In Restricted Working Space, Add	*24.94*	
23 05 29 00-0137	EA	12" Diameter Size, Steel Roller Chair (Cooper B-Line B3120)	196.61	46.75
		For Work In Restricted Working Space, Add	*28.06*	
23 05 29 00-0138	EA	14" Diameter Size, Steel Roller Chair (Cooper B-Line B3120)	215.36	53.62
		For Work In Restricted Working Space, Add	*32.17*	
23 05 29 00-0139	EA	16" Diameter Size, Steel Roller Chair (Cooper B-Line B3120)	258.91	62.35
		For Work In Restricted Working Space, Add	*37.41*	
23 05 29 00-0140	EA	18" Diameter Size, Steel Roller Chair (Cooper B-Line B3120)	346.98	77.93
		For Work In Restricted Working Space, Add	*46.76*	
23 05 29 00-0141	EA	20" Diameter Size, Steel Roller Chair (Cooper B-Line B3120)	428.40	93.52
		For Work In Restricted Working Space, Add	*56.11*	
23 05 29 00-0142		**Adjustable Roller Support (Cooper B-Line B3122)** *(23 05 29 00-0105)*		
23 05 29 00-0143	EA	2" Diameter Size, Steel Adjustable Roller Support (Cooper B-Line B3122)	54.35	16.21
		For Work In Restricted Working Space, Add	*9.35*	
23 05 29 00-0144	EA	2-1/2" Diameter Size, Steel Adjustable Roller Support (Cooper B-Line B3122)	60.83	16.71
		For Work In Restricted Working Space, Add	*10.02*	
23 05 29 00-0145	EA	3" Diameter Size, Steel Adjustable Roller Support (Cooper B-Line B3122)	64.05	17.46
		For Work In Restricted Working Space, Add	*10.69*	
23 05 29 00-0146	EA	3-1/2" Diameter Size, Steel Adjustable Roller Support (Cooper B-Line B3122)	67.62	18.71
		For Work In Restricted Working Space, Add	*11.22*	
23 05 29 00-0147	EA	4" Diameter Size, Steel Adjustable Roller Support (Cooper B-Line B3122)	80.75	21.19
		For Work In Restricted Working Space, Add	*12.47*	
23 05 29 00-0148	EA	5" Diameter Size, Steel Adjustable Roller Support (Cooper B-Line B3122)	91.33	22.81
		For Work In Restricted Working Space, Add	*13.69*	
23 05 29 00-0149	EA	6" Diameter Size, Steel Adjustable Roller Support (Cooper B-Line B3122)	105.82	24.94
		For Work In Restricted Working Space, Add	*14.96*	
23 05 29 00-0150	EA	8" Diameter Size, Steel Adjustable Roller Support (Cooper B-Line B3122)	148.00	31.17
		For Work In Restricted Working Space, Add	*18.71*	
23 05 29 00-0151	EA	10" Diameter Size, Steel Adjustable Roller Support (Cooper B-Line B3122)	185.42	42.40
		For Work In Restricted Working Space, Add	*24.94*	
23 05 29 00-0152	EA	12" Diameter Size, Steel Adjustable Roller Support (Cooper B-Line B3122)	214.05	46.75
		For Work In Restricted Working Space, Add	*28.06*	
23 05 29 00-0153	EA	14" Diameter Size, Steel Adjustable Roller Support (Cooper B-Line B3122)	298.85	53.62
		For Work In Restricted Working Space, Add	*32.17*	
23 05 29 00-0154	EA	16" Diameter Size, Steel Adjustable Roller Support (Cooper B-Line B3122)	357.66	62.35
		For Work In Restricted Working Space, Add	*37.41*	
23 05 29 00-0155	EA	18" Diameter Size, Steel Adjustable Roller Support (Cooper B-Line B3122)	408.43	77.93
		For Work In Restricted Working Space, Add	*46.76*	
23 05 29 00-0156		**Adjustable Double Roller Support (Cooper B-Line B3122A)** *(23 05 29 00-0105)*		
23 05 29 00-0157	EA	2" Diameter Size, Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	54.68	16.21
		For Work In Restricted Working Space, Add	*9.35*	
23 05 29 00-0158	EA	2-1/2" Diameter Size, Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	61.13	16.71
		For Work In Restricted Working Space, Add	*10.02*	
23 05 29 00-0159	EA	3" Diameter Size, Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	64.54	17.46
		For Work In Restricted Working Space, Add	*10.69*	
23 05 29 00-0160	EA	3-1/2" Diameter Size, Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	67.19	18.71
		For Work In Restricted Working Space, Add	*11.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0161	EA	4" Diameter Size, Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	84.10	21.19
		For Work In Restricted Working Space, Add	*12.47*	
23 05 29 00-0162	EA	5" Diameter Size, Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	95.28	22.81
		For Work In Restricted Working Space, Add	*13.69*	
23 05 29 00-0163	EA	6" Diameter Size, Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	110.53	24.94
		For Work In Restricted Working Space, Add	*14.96*	
23 05 29 00-0164	EA	8" Diameter Size, Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	155.29	31.17
		For Work In Restricted Working Space, Add	*18.71*	
23 05 29 00-0165	EA	10" Diameter Size, Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	194.18	42.40
		For Work In Restricted Working Space, Add	*24.94*	
23 05 29 00-0166	EA	12" Diameter Size, Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	224.29	46.75
		For Work In Restricted Working Space, Add	*28.06*	
23 05 29 00-0167	EA	14" Diameter Size, Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	315.23	53.62
		For Work In Restricted Working Space, Add	*32.17*	
23 05 29 00-0168		Pipe And Riser Clamps *(23 05 29 00-0001)*		
		Note: Includes bolts and weldless eye nuts.		
23 05 29 00-0169		Steel Pipe Clamp (Cooper B-Line B3140) *(23 05 29 00-0168)*		
		Note: Type 4.		
23 05 29 00-0170	EA	1/2" Diameter Size, Steel Pipe Clamp (Cooper B-Line B3140)	19.23	7.44
		For Work In Restricted Working Space, Add	*4.46*	
23 05 29 00-0171	EA	3/4" Diameter Size, Steel Pipe Clamp (Cooper B-Line B3140)	19.48	7.57
		For Work In Restricted Working Space, Add	*4.54*	
23 05 29 00-0172	EA	1" Diameter Size, Steel Pipe Clamp (Cooper B-Line B3140)	19.76	7.69
		For Work In Restricted Working Space, Add	*4.61*	
23 05 29 00-0173	EA	1-1/4" Diameter Size, Steel Pipe Clamp (Cooper B-Line B3140)	21.32	7.81
		For Work In Restricted Working Space, Add	*4.69*	
23 05 29 00-0174	EA	1-1/2" Diameter Size, Steel Pipe Clamp (Cooper B-Line B3140)	21.57	7.94
		For Work In Restricted Working Space, Add	*4.76*	
23 05 29 00-0175	EA	2" Diameter Size, Steel Pipe Clamp (Cooper B-Line B3140)	22.83	8.06
		For Work In Restricted Working Space, Add	*4.84*	
23 05 29 00-0176	EA	2-1/2" Diameter Size, Steel Pipe Clamp (Cooper B-Line B3140)	23.72	8.31
		For Work In Restricted Working Space, Add	*4.99*	
23 05 29 00-0177	EA	3" Diameter Size, Steel Pipe Clamp (Cooper B-Line B3140)	25.05	8.55
		For Work In Restricted Working Space, Add	*5.14*	
23 05 29 00-0178	EA	3-1/2" Diameter Size, Steel Pipe Clamp (Cooper B-Line B3140)	28.57	8.69
		For Work In Restricted Working Space, Add	*5.21*	
23 05 29 00-0179	EA	4" Diameter Size, Steel Pipe Clamp (Cooper B-Line B3140)	33.53	11.17
		For Work In Restricted Working Space, Add	*6.70*	
23 05 29 00-0180	EA	5" Diameter Size, Steel Pipe Clamp (Cooper B-Line B3140)	47.68	14.88
		For Work In Restricted Working Space, Add	*8.93*	
23 05 29 00-0181	EA	6" Diameter Size, Steel Pipe Clamp (Cooper B-Line B3140)	64.66	18.61
		For Work In Restricted Working Space, Add	*11.16*	
23 05 29 00-0182	EA	8" Diameter Size, Steel Pipe Clamp (Cooper B-Line B3140)	76.04	21.71
		For Work In Restricted Working Space, Add	*13.02*	
23 05 29 00-0183	EA	10" Diameter Size, Steel Pipe Clamp (Cooper B-Line B3140)	108.43	24.80
		For Work In Restricted Working Space, Add	*14.88*	
23 05 29 00-0184	EA	12" Diameter Size, Steel Pipe Clamp (Cooper B-Line B3140)	145.55	27.29
		For Work In Restricted Working Space, Add	*16.37*	
23 05 29 00-0185		Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142) *(23 05 29 00-0168)*		
23 05 29 00-0186	EA	3" Diameter Size, Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142)	36.80	8.03
		For Work In Restricted Working Space, Add	*4.78*	
23 05 29 00-0187	EA	4" Diameter Size, Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142)	47.51	8.03
		For Work In Restricted Working Space, Add	*4.78*	
23 05 29 00-0188	EA	5" Diameter Size, Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142)	52.01	8.32
		For Work In Restricted Working Space, Add	*4.99*	
23 05 29 00-0189	EA	6" Diameter Size, Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142)	81.51	8.61
		For Work In Restricted Working Space, Add	*5.20*	
23 05 29 00-0190	EA	8" Diameter Size, Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142)	88.60	9.18
		For Work In Restricted Working Space, Add	*5.50*	
23 05 29 00-0191	EA	10" Diameter Size, Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142)	149.54	9.18
		For Work In Restricted Working Space, Add	*5.49*	
23 05 29 00-0192	EA	12" Diameter Size, Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142)	240.51	10.33
		For Work In Restricted Working Space, Add	*6.19*	
23 05 29 00-0193	EA	14" Diameter Size, Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142)	304.60	11.48
		For Work In Restricted Working Space, Add	*6.89*	
23 05 29 00-0194	EA	16" Diameter Size, Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142)	331.64	13.77
		For Work In Restricted Working Space, Add	*8.27*	
23 05 29 00-0195	EA	18" Diameter Size, Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142)	1,022.27	16.07
		For Work In Restricted Working Space, Add	*9.64*	
23 05 29 00-0196	EA	20" Diameter Size, Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142)	1,174.63	17.22
		For Work In Restricted Working Space, Add	*10.33*	
23 05 29 00-0197	EA	24" Diameter Size, Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142)	1,503.34	18.36
		For Work In Restricted Working Space, Add	*11.02*	
23 05 29 00-0198		Steel Riser Clamp (Cooper B-Line B3373) *(23 05 29 00-0168)*		
		Note: Type 8.		
23 05 29 00-0199	EA	1/2" Diameter Size, Steel Riser Clamp (Cooper B-Line B3373)	19.21	6.89
		For Work In Restricted Working Space, Add	*4.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0200	EA	3/4" Diameter Size, Steel Riser Clamp (Cooper B-Line B3373)	19.95	7.00
		For Work In Restricted Working Space, Add	*4.20*	
23 05 29 00-0201	EA	1" Diameter Size, Steel Riser Clamp (Cooper B-Line B3373)	20.23	7.12
		For Work In Restricted Working Space, Add	*4.27*	
23 05 29 00-0202	EA	1-1/4" Diameter Size, Steel Riser Clamp (Cooper B-Line B3373)	21.72	7.23
		For Work In Restricted Working Space, Add	*4.34*	
23 05 29 00-0203	EA	1-1/2" Diameter Size, Steel Riser Clamp (Cooper B-Line B3373)	22.52	7.35
		For Work In Restricted Working Space, Add	*4.41*	
23 05 29 00-0204	EA	2" Diameter Size, Steel Riser Clamp (Cooper B-Line B3373)	23.05	7.46
		For Work In Restricted Working Space, Add	*4.48*	
23 05 29 00-0205	EA	2-1/2" Diameter Size, Steel Riser Clamp (Cooper B-Line B3373)	23.99	7.69
		For Work In Restricted Working Space, Add	*4.61*	
23 05 29 00-0206	EA	3" Diameter Size, Steel Riser Clamp (Cooper B-Line B3373)	25.36	7.92
		For Work In Restricted Working Space, Add	*4.75*	
23 05 29 00-0207	EA	3-1/2" Diameter Size, Steel Riser Clamp (Cooper B-Line B3373)	27.64	8.03
		For Work In Restricted Working Space, Add	*4.82*	
23 05 29 00-0208	EA	4" Diameter Size, Steel Riser Clamp (Cooper B-Line B3373)	33.76	10.33
		For Work In Restricted Working Space, Add	*6.20*	
23 05 29 00-0209	EA	5" Diameter Size, Steel Riser Clamp (Cooper B-Line B3373)	43.80	13.77
		For Work In Restricted Working Space, Add	*8.27*	
23 05 29 00-0210	EA	6" Diameter Size, Steel Riser Clamp (Cooper B-Line B3373)	55.45	17.22
		For Work In Restricted Working Space, Add	*10.33*	
23 05 29 00-0211	EA	8" Diameter Size, Steel Riser Clamp (Cooper B-Line B3373)	74.59	20.09
		For Work In Restricted Working Space, Add	*12.05*	
23 05 29 00-0212	EA	10" Diameter Size, Steel Riser Clamp (Cooper B-Line B3373)	96.84	22.96
		For Work In Restricted Working Space, Add	*13.77*	
23 05 29 00-0213	EA	12" Diameter Size, Steel Riser Clamp (Cooper B-Line B3373)	116.29	25.25
		For Work In Restricted Working Space, Add	*15.15*	
23 05 29 00-0214	EA	14" Diameter Size, Steel Riser Clamp (Cooper B-Line B3373)	154.07	27.55
		For Work In Restricted Working Space, Add	*16.53*	
23 05 29 00-0215	EA	16" Diameter Size, Steel Riser Clamp (Cooper B-Line B3373)	285.63	29.84
		For Work In Restricted Working Space, Add	*17.91*	

23 05 29 00-0216 Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C) *(23 05 29 00-0168)*

23 05 29 00-0217	EA	1/2" Diameter Size, Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	32.14	6.89
		For Work In Restricted Working Space, Add	*4.13*	
23 05 29 00-0218	EA	3/4" Diameter Size, Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	32.64	7.00
		For Work In Restricted Working Space, Add	*4.20*	
23 05 29 00-0219	EA	1" Diameter Size, Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	33.93	7.12
		For Work In Restricted Working Space, Add	*4.27*	
23 05 29 00-0220	EA	1-1/4" Diameter Size, Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	36.15	7.23
		For Work In Restricted Working Space, Add	*4.34*	
23 05 29 00-0221	EA	1-1/2" Diameter Size, Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	40.55	7.35
		For Work In Restricted Working Space, Add	*4.41*	
23 05 29 00-0222	EA	2" Diameter Size, Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	42.97	7.46
		For Work In Restricted Working Space, Add	*4.48*	
23 05 29 00-0223	EA	2-1/2" Diameter Size, Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	46.38	7.69
		For Work In Restricted Working Space, Add	*4.61*	
23 05 29 00-0224	EA	3" Diameter Size, Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	50.79	7.92
		For Work In Restricted Working Space, Add	*4.75*	
23 05 29 00-0225	EA	4" Diameter Size, Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	68.64	10.33
		For Work In Restricted Working Space, Add	*6.20*	

23 05 29 00-0226 Two Bolt Steel Underground Clamp (Cooper B-Line B3132) *(23 05 29 00-0168)*

Note: Type 42

23 05 29 00-0227	EA	4" Diameter Size, Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	69.86	8.03
		For Work In Restricted Working Space, Add	*4.78*	
23 05 29 00-0228	EA	6" Diameter Size, Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	74.22	8.61
		For Work In Restricted Working Space, Add	*5.20*	
23 05 29 00-0229	EA	8" Diameter Size, Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	81.39	9.18
		For Work In Restricted Working Space, Add	*5.50*	
23 05 29 00-0230	EA	10" Diameter Size, Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	86.67	9.18
		For Work In Restricted Working Space, Add	*5.49*	
23 05 29 00-0231	EA	12" Diameter Size, Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	104.62	10.33
		For Work In Restricted Working Space, Add	*6.19*	

23 05 29 00-0232 Four Bolt Steel Underground Clamp (Cooper B-Line B3134) *(23 05 29 00-0168)*

23 05 29 00-0233	EA	4" Diameter Size, Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	64.68	8.03
		For Work In Restricted Working Space, Add	*4.78*	
23 05 29 00-0234	EA	6" Diameter Size, Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	69.78	8.61
		For Work In Restricted Working Space, Add	*5.20*	
23 05 29 00-0235	EA	8" Diameter Size, Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	120.00	9.18
		For Work In Restricted Working Space, Add	*5.50*	
23 05 29 00-0236	EA	10" Diameter Size, Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	133.09	9.18
		For Work In Restricted Working Space, Add	*5.49*	
23 05 29 00-0237	EA	12" Diameter Size, Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	190.21	10.33
		For Work In Restricted Working Space, Add	*6.19*	
23 05 29 00-0238	EA	14" Diameter Size, Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	290.25	11.48
		For Work In Restricted Working Space, Add	*6.89*	
23 05 29 00-0239	EA	16" Diameter Size, Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	388.81	13.77
		For Work In Restricted Working Space, Add	*8.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0240	EA	18" Diameter Size, Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	462.66	16.07
		For Work In Restricted Working Space, Add	*9.64*	
23 05 29 00-0241	EA	20" Diameter Size, Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	674.28	17.22
		For Work In Restricted Working Space, Add	*10.33*	
23 05 29 00-0242	EA	24" Diameter Size, Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	921.22	18.36
		For Work In Restricted Working Space, Add	*11.02*	

23 05 29 00-0243 Split Pipe Clamps And Rings *(23 05 29 00-0001)*

23 05 29 00-0244 Adjustable Split Ring Swivel Hanger (Cooper B-Line B3171) *(23 05 29 00-0243)*

Note: Type 6.

23 05 29 00-0245	EA	3/4" Diameter Size, Adjustable Swivel Ring (Cooper B-Line B3171)	31.54	10.54
		For Work In Restricted Working Space, Add	*6.33*	
23 05 29 00-0246	EA	1" Diameter Size, Adjustable Swivel Ring (Cooper B-Line B3171)	33.39	11.17
		For Work In Restricted Working Space, Add	*6.70*	
23 05 29 00-0247	EA	1-1/4" Diameter Size, Adjustable Swivel Ring (Cooper B-Line B3171)	36.41	12.40
		For Work In Restricted Working Space, Add	*7.44*	
23 05 29 00-0248	EA	1-1/2" Diameter Size, Adjustable Swivel Ring (Cooper B-Line B3171)	39.11	13.02
		For Work In Restricted Working Space, Add	*7.82*	
23 05 29 00-0249	EA	2" Diameter Size, Adjustable Swivel Ring (Cooper B-Line B3171)	42.10	13.65
		For Work In Restricted Working Space, Add	*8.18*	
23 05 29 00-0250	EA	2-1/2" Diameter Size, Adjustable Swivel Ring (Cooper B-Line B3171)	51.11	14.27
		For Work In Restricted Working Space, Add	*8.56*	
23 05 29 00-0251	EA	3" Diameter Size, Adjustable Swivel Ring (Cooper B-Line B3171)	55.83	14.88
		For Work In Restricted Working Space, Add	*8.93*	
23 05 29 00-0252	EA	4" Diameter Size, Adjustable Swivel Ring (Cooper B-Line B3171)	73.25	16.75
		For Work In Restricted Working Space, Add	*10.05*	
23 05 29 00-0253	EA	5" Diameter Size, Adjustable Swivel Ring (Cooper B-Line B3171)	93.07	21.09
		For Work In Restricted Working Space, Add	*12.65*	
23 05 29 00-0254	EA	6" Diameter Size, Adjustable Swivel Ring (Cooper B-Line B3171)	123.29	24.80
		For Work In Restricted Working Space, Add	*14.88*	

23 05 29 00-0255 Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) *(23 05 29 00-0243)*

Note: Type 11.

23 05 29 00-0256	EA	1/2" Diameter Size, Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	21.18	8.73
		For Work In Restricted Working Space, Add	*5.34*	
23 05 29 00-0257	EA	3/4" Diameter Size, Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	22.32	8.73
		For Work In Restricted Working Space, Add	*5.58*	
23 05 29 00-0258	EA	1" Diameter Size, Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	24.62	11.22
		For Work In Restricted Working Space, Add	*6.23*	
23 05 29 00-0259	EA	1-1/4" Diameter Size, Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	26.64	11.22
		For Work In Restricted Working Space, Add	*6.56*	
23 05 29 00-0260	EA	1-1/2" Diameter Size, Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	29.46	11.22
		For Work In Restricted Working Space, Add	*6.80*	
23 05 29 00-0261	EA	2" Diameter Size, Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	34.18	12.47
		For Work In Restricted Working Space, Add	*7.48*	
23 05 29 00-0262	EA	2-1/2" Diameter Size, Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	44.43	12.47
		For Work In Restricted Working Space, Add	*7.79*	
23 05 29 00-0263	EA	3" Diameter Size, Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	49.11	13.71
		For Work In Restricted Working Space, Add	*8.13*	
23 05 29 00-0264	EA	4" Diameter Size, Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	52.43	14.96
		For Work In Restricted Working Space, Add	*8.90*	

23 05 29 00-0265 Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H) *(23 05 29 00-0243)*

Note: Type 12.

23 05 29 00-0266	EA	1/2" Diameter Size, Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	21.18	8.73
		For Work In Restricted Working Space, Add	*5.34*	
23 05 29 00-0267	EA	3/4" Diameter Size, Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	22.32	9.35
		For Work In Restricted Working Space, Add	*5.58*	
23 05 29 00-0268	EA	1" Diameter Size, Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	24.62	10.60
		For Work In Restricted Working Space, Add	*6.23*	
23 05 29 00-0269	EA	1-1/4" Diameter Size, Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	26.64	11.22
		For Work In Restricted Working Space, Add	*6.56*	
23 05 29 00-0270	EA	1-1/2" Diameter Size, Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	29.46	11.22
		For Work In Restricted Working Space, Add	*6.80*	
23 05 29 00-0271	EA	2" Diameter Size, Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	34.18	12.47
		For Work In Restricted Working Space, Add	*7.48*	
23 05 29 00-0272	EA	2-1/2" Diameter Size, Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	44.43	13.08
		For Work In Restricted Working Space, Add	*7.79*	
23 05 29 00-0273	EA	3" Diameter Size, Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	49.11	13.71
		For Work In Restricted Working Space, Add	*8.13*	

23 05 29 00-0274 Pipe Straps *(23 05 29 00-0001)*

23 05 29 00-0275 Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B-3180) *(23 05 29 00-0274)*

23 05 29 00-0276	EA	1/2" Diameter Size, Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	14.47	6.23
		For Work In Restricted Working Space, Add	*3.74*	
23 05 29 00-0277	EA	3/4" Diameter Size, Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	15.12	7.48
		For Work In Restricted Working Space, Add	*3.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0278	EA	1" Diameter Size, Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	15.85	7.48
		For Work In Restricted Working Space, Add	*4.16*	
23 05 29 00-0279	EA	1-1/4" Diameter Size, Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	16.76	7.48
		For Work In Restricted Working Space, Add	*4.40*	
23 05 29 00-0280	EA	1-1/2" Diameter Size, Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	17.74	8.73
		For Work In Restricted Working Space, Add	*4.67*	
23 05 29 00-0281	EA	2" Diameter Size, Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	20.18	8.73
		For Work In Restricted Working Space, Add	*4.99*	
23 05 29 00-0282	EA	2-1/2" Diameter Size, Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	24.23	8.73
		For Work In Restricted Working Space, Add	*5.34*	
23 05 29 00-0283	EA	3" Diameter Size, Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	30.42	8.73
		For Work In Restricted Working Space, Add	*5.75*	
23 05 29 00-0284	EA	4" Diameter Size, Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	35.98	11.22
		For Work In Restricted Working Space, Add	*6.73*	
23 05 29 00-0285	EA	6" Diameter Size, Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	43.61	12.47
		For Work In Restricted Working Space, Add	*7.48*	
23 05 29 00-0286	EA	8" Diameter Size, Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	53.73	13.71
		For Work In Restricted Working Space, Add	*8.23*	
23 05 29 00-0287		**Two Hole Copper-Clad Pipe Straps** *(23 05 29 00-0274)*		
23 05 29 00-0288	EA	1/2" Diameter Size, Two Hole Copper-Clad Pipe Strap	6.90	
		For Work In Restricted Working Space, Add	*1.87*	
23 05 29 00-0289	EA	3/4" Diameter Size, Two Hole Copper-Clad Pipe Strap	7.33	
		For Work In Restricted Working Space, Add	*1.96*	
23 05 29 00-0290	EA	1" Diameter Size, Two Hole Copper-Clad Pipe Strap	8.23	
		For Work In Restricted Working Space, Add	*2.06*	
23 05 29 00-0291	EA	1-1/4" Diameter Size, Two Hole Copper-Clad Pipe Strap	9.16	
		For Work In Restricted Working Space, Add	*2.15*	
23 05 29 00-0292	EA	1-1/2" Diameter Size, Two Hole Copper-Clad Pipe Strap	9.85	
		For Work In Restricted Working Space, Add	*2.24*	
23 05 29 00-0293	EA	2" Diameter Size, Two Hole Copper-Clad Pipe Strap	10.69	
		For Work In Restricted Working Space, Add	*2.43*	
23 05 29 00-0294		**One Hole Galvanized Steel Pipe Straps** *(23 05 29 00-0274)*		
23 05 29 00-0295	EA	1/2" Diameter Size, One Hole Galvanized Steel Pipe Strap (Anvil 185D)	2.96	
		For Work In Restricted Working Space, Add	*0.62*	
23 05 29 00-0296	EA	3/4" Diameter Size, One Hole Galvanized Steel Pipe Strap (Anvil 185D)	3.48	
		For Work In Restricted Working Space, Add	*0.67*	
23 05 29 00-0297	EA	1" Diameter Size, One Hole Galvanized Steel Pipe Strap (Anvil 185D)	3.75	
		For Work In Restricted Working Space, Add	*0.72*	
23 05 29 00-0298	EA	1-1/4" Diameter Size, One Hole Galvanized Steel Pipe Strap (Anvil 185D)	4.04	
		For Work In Restricted Working Space, Add	*0.78*	
23 05 29 00-0299	EA	1-1/2" Diameter Size, One Hole Galvanized Steel Pipe Strap (Anvil 185D)	4.34	
		For Work In Restricted Working Space, Add	*0.85*	
23 05 29 00-0300	EA	2" Diameter Size, One Hole Galvanized Steel Pipe Strap (Anvil 185D)	4.84	
		For Work In Restricted Working Space, Add	*0.94*	
23 05 29 00-0301		**Pipe and Equipment Support Brackets** *(23 05 29 00-0001)*		
23 05 29 00-0302		**Pipe and Equipment Supports, Light Duty Welded Steel Bracket (Cooper B-Line B3068)** *(23 05 29 00-0301)*		
		Note: Up to 750# load.		
23 05 29 00-0303	EA	9" x 9" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068)	117.18	13.77
		For Galvanized, Add	*17.93*	
		For Work In Restricted Working Space, Add	*8.27*	
23 05 29 00-0304	EA	13" x 13" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068)	118.82	13.77
		For Galvanized, Add	*18.25*	
		For Work In Restricted Working Space, Add	*8.27*	
23 05 29 00-0305	EA	19" x 19" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068)	125.30	13.77
		For Galvanized, Add	*19.55*	
		For Work In Restricted Working Space, Add	*8.27*	
23 05 29 00-0306		**Pipe and Equipment Supports, Medium Duty Welded Steel Bracket (Cooper B-Line B3066)** *(23 05 29 00-0301)*		
		Note: Up to 1500# load.		
23 05 29 00-0307	EA	12" Wide x 18" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066)	275.56	13.77
		For Galvanized, Add	*49.60*	
		For Work In Restricted Working Space, Add	*8.27*	
23 05 29 00-0308	EA	18" Wide x 24" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066)	322.19	13.77
		For Galvanized, Add	*58.93*	
		For Work In Restricted Working Space, Add	*8.27*	
23 05 29 00-0309	EA	24" Wide x 30" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066)	417.26	13.77
		For Galvanized, Add	*77.94*	
		For Work In Restricted Working Space, Add	*8.27*	
23 05 29 00-0310		**Pipe Alignment Guide** *(23 05 29 00-0001)*		
23 05 29 00-0311		**Pipe Alignment Guide, 1" Insulation** *(23 05 29 00-0310)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0312	EA	1/2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1/2)	456.42	21.81
23 05 29 00-0313	EA	3/4" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-3/4)	457.56	22.38
23 05 29 00-0314	EA	1" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1)	458.71	22.96
23 05 29 00-0315	EA	1-1/4" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1-1/4)	459.86	23.53
23 05 29 00-0316	EA	1-1/2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1-1/2)	501.22	24.10
23 05 29 00-0317	EA	2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-2)	512.06	26.40
23 05 29 00-0318	EA	2-1/2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-2-1/2)	513.78	27.26
23 05 29 00-0319	EA	3" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-3)	515.50	28.12
23 05 29 00-0320	EA	4" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-4)	545.63	29.84
23 05 29 00-0321	EA	5" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-5)	637.40	37.88
23 05 29 00-0322	EA	6" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-6)	653.46	45.91
23 05 29 00-0323	EA	8" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-8)	738.57	57.39
23 05 29 00-0324	EA	10" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-10)	1,352.01	68.86
23 05 29 00-0325	EA	12" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-12)	2,052.90	91.81
23 05 29 00-0326	EA	14" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-14)	2,526.86	114.77
23 05 29 00-0327	EA	16" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-16)	3,036.90	128.54
23 05 29 00-0328	EA	18" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-18)	3,277.31	143.47
23 05 29 00-0329	EA	20" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-20)	3,487.27	164.13
23 05 29 00-0330	EA	24" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-24)	4,381.19	172.16
23 05 29 00-0331		**Pipe Alignment Guide, 1-1/2" Insulation** *(23 05 29 00-0310)*		
23 05 29 00-0332	EA	1/2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1/2)	457.56	22.38
23 05 29 00-0333	EA	3/4" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-3/4)	498.92	22.96
23 05 29 00-0334	EA	1" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1)	500.07	23.53
23 05 29 00-0335	EA	1-1/4" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1-1/4)	501.22	24.10
23 05 29 00-0336	EA	1-1/2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1-1/2)	502.37	24.68
23 05 29 00-0337	EA	2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-2)	513.21	26.97
23 05 29 00-0338	EA	2-1/2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-2-1/2)	514.93	27.83
23 05 29 00-0339	EA	3" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-3)	543.33	28.70
23 05 29 00-0340	EA	4" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-4)	546.77	30.42
23 05 29 00-0341	EA	5" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-5)	639.12	38.73
23 05 29 00-0342	EA	6" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-6)	655.76	47.06
23 05 29 00-0343	EA	8" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-8)	741.44	58.82
23 05 29 00-0344	EA	10" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-10)	1,355.45	70.58
23 05 29 00-0345	EA	12" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-12)	2,057.49	94.11
23 05 29 00-0346	EA	14" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-14)	2,532.60	117.64
23 05 29 00-0347	EA	16" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-16)	3,043.79	131.99
23 05 29 00-0348	EA	18" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-18)	3,284.20	146.91
23 05 29 00-0349	EA	20" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-20)	3,495.31	168.14
23 05 29 00-0350	EA	24" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-24)	4,389.80	176.46
23 05 29 00-0351		**Pipe Alignment Guide, 2" Insulation** *(23 05 29 00-0310)*		
23 05 29 00-0352	EA	1/2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1/2)	498.92	22.96
23 05 29 00-0353	EA	3/4" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-3/4)	506.32	23.53
23 05 29 00-0354	EA	1" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1)	507.47	24.10
23 05 29 00-0355	EA	1-1/4" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1-1/4)	508.62	24.68
23 05 29 00-0356	EA	1-1/2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1-1/2)	509.76	25.25
23 05 29 00-0357	EA	2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-2)	541.03	27.55
23 05 29 00-0358	EA	2-1/2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-2-1/2)	543.33	28.70
23 05 29 00-0359	EA	3" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-3)	544.76	29.41
23 05 29 00-0360	EA	4" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-4)	623.63	30.99
23 05 29 00-0361	EA	5" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-5)	640.84	39.60
23 05 29 00-0362	EA	6" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-6)	720.21	48.21
23 05 29 00-0363	EA	8" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-8)	813.15	60.26
23 05 29 00-0364	EA	10" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-10)	1,358.89	72.30
23 05 29 00-0365	EA	12" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-12)	2,062.08	96.41
23 05 29 00-0366	EA	14" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-14)	2,538.34	120.51
23 05 29 00-0367	EA	16" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-16)	3,050.41	135.30
23 05 29 00-0368	EA	18" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-18)	3,291.66	150.63
23 05 29 00-0369	EA	20" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-20)	3,503.33	172.16
23 05 29 00-0370	EA	24" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-24)	4,398.41	180.77
23 05 29 00-0371		**Pipe Alignment Guide, 2-1/2" Insulation** *(23 05 29 00-0310)*		
23 05 29 00-0372	EA	1/2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1/2)	506.32	23.53
23 05 29 00-0373	EA	3/4" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-3/4)	534.15	24.10
23 05 29 00-0374	EA	1" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1)	535.30	24.68
23 05 29 00-0375	EA	1-1/4" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1-1/4)	536.44	25.25
23 05 29 00-0376	EA	1-1/2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1-1/2)	537.59	25.83
23 05 29 00-0377	EA	2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-2)	542.18	28.12
23 05 29 00-0378	EA	2-1/2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-2-1/2)	544.76	29.41
23 05 29 00-0379	EA	3" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-3)	621.91	30.12
23 05 29 00-0380	EA	4" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-4)	624.78	31.56
23 05 29 00-0381	EA	5" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-5)	704.14	40.17
23 05 29 00-0382	EA	6" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-6)	722.50	49.36
23 05 29 00-0383	EA	8" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-8)	1,337.66	61.69
23 05 29 00-0384	EA	10" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-10)	2,017.32	74.02
23 05 29 00-0385	EA	12" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-12)	2,494.73	98.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0386	EA	14" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-14)	2,544.51	123.38
23 05 29 00-0387	EA	16" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-16)	3,057.56	138.87
23 05 29 00-0388	EA	18" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-18)	3,299.12	154.37
23 05 29 00-0389	EA	20" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-20)	3,511.94	176.46
23 05 29 00-0390	EA	24" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-24)	4,407.59	185.36
23 05 29 00-0391		Pipe Alignment Guide, 3" Insulation *(23 05 29 00-0310)*		
23 05 29 00-0392	EA	1/2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1/2)	534.15	24.10
23 05 29 00-0393	EA	3/4" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-3/4)	535.30	24.68
23 05 29 00-0394	EA	1" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1)	536.44	25.25
23 05 29 00-0395	EA	1-1/4" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1-1/4)	537.59	25.83
23 05 29 00-0396	EA	1-1/2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1-1/2)	538.74	26.40
23 05 29 00-0397	EA	2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-2)	619.04	28.70
23 05 29 00-0398	EA	2-1/2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-2-1/2)	621.91	30.12
23 05 29 00-0399	EA	3" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-3)	623.63	30.99
23 05 29 00-0400	EA	4" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-4)	688.53	32.37
23 05 29 00-0401	EA	5" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-5)	706.43	41.32
23 05 29 00-0402	EA	6" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-6)	793.64	50.50
23 05 29 00-0403	EA	8" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-8)	1,340.53	63.13
23 05 29 00-0404	EA	10" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-10)	2,020.76	75.75
23 05 29 00-0405	EA	12" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-12)	2,499.31	101.00
23 05 29 00-0406	EA	14" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-14)	2,550.25	126.25
23 05 29 00-0407	EA	16" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-16)	3,064.45	142.32
23 05 29 00-0408	EA	18" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-18)	3,306.01	157.81
23 05 29 00-0409	EA	20" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-20)	3,520.55	180.77
23 05 29 00-0410	EA	24" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-24)	4,416.77	189.95
23 05 29 00-0411		Pipe Alignment Guide, 3-1/2" Insulation *(23 05 29 00-0310)*		
23 05 29 00-0412	EA	1/2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1/2)	535.30	24.68
23 05 29 00-0413	EA	3/4" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-3/4)	612.15	25.25
23 05 29 00-0414	EA	1" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1)	613.30	25.83
23 05 29 00-0415	EA	1-1/4" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1-1/4)	614.45	26.40
23 05 29 00-0416	EA	1-1/2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1-1/2)	615.60	26.97
23 05 29 00-0417	EA	2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-2)	620.47	29.41
23 05 29 00-0418	EA	2-1/2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-2-1/2)	623.40	30.87
23 05 29 00-0419	EA	3" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-3)	687.32	31.77
23 05 29 00-0420	EA	4" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-4)	690.37	33.29
23 05 29 00-0421	EA	5" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-5)	777.57	42.47
23 05 29 00-0422	EA	6" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-6)	1,317.57	51.65
23 05 29 00-0423	EA	8" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-8)	1,998.38	64.56
23 05 29 00-0424	EA	10" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-10)	2,453.04	77.65
23 05 29 00-0425	EA	12" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-12)	2,986.39	103.29
23 05 29 00-0426	EA	14" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-14)	3,038.62	129.41
23 05 29 00-0427	EA	16" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-16)	3,291.83	145.76
23 05 29 00-0428	EA	18" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-18)	3,482.68	161.83
23 05 29 00-0429	EA	20" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-20)	4,406.44	184.79
23 05 29 00-0430		Pipe Alignment Guide, 4" Insulation *(23 05 29 00-0310)*		
23 05 29 00-0431	EA	1/2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1/2)	612.15	25.25
23 05 29 00-0432	EA	3/4" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-3/4)	613.30	25.83
23 05 29 00-0433	EA	1" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1)	614.45	26.40
23 05 29 00-0434	EA	1-1/4" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1-1/4)	615.60	26.97
23 05 29 00-0435	EA	1-1/2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1-1/2)	616.74	27.55
23 05 29 00-0436	EA	2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-2)	684.06	30.12
23 05 29 00-0437	EA	2-1/2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-2-1/2)	686.93	31.56
23 05 29 00-0438	EA	3" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-3)	688.87	32.54
23 05 29 00-0439	EA	4" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-4)	760.92	34.14
23 05 29 00-0440	EA	5" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-5)	1,301.50	43.62
23 05 29 00-0441	EA	6" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-6)	1,319.87	52.80
23 05 29 00-0442	EA	8" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-8)	2,001.25	66.00
23 05 29 00-0443	EA	10" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-10)	2,457.28	79.76
23 05 29 00-0444	EA	12" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-12)	2,991.56	105.88
23 05 29 00-0445	EA	14" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-14)	3,254.36	131.99
23 05 29 00-0446	EA	16" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-16)	3,457.43	149.20
23 05 29 00-0447	EA	18" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-18)	4,369.72	166.42
23 05 29 00-0448		Sway Bracing For No Hub Pipe *(23 05 29 00-0001)*		
23 05 29 00-0449	EA	1-1/2" Diameter Size, Sway Bracing	165.26	15.15
		For Work In Restricted Working Space, Add	*9.06*	
23 05 29 00-0450	EA	2" Diameter Size, Sway Bracing	170.14	15.95
		For Work In Restricted Working Space, Add	*9.56*	
23 05 29 00-0451	EA	3" Diameter Size, Sway Bracing	176.13	16.87
		For Work In Restricted Working Space, Add	*10.13*	
23 05 29 00-0452	EA	4" Diameter Size, Sway Bracing	199.92	19.17
		For Work In Restricted Working Space, Add	*11.48*	
23 05 29 00-0453	EA	6" Diameter Size, Sway Bracing	293.14	28.70
		For Work In Restricted Working Space, Add	*17.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0454	EA	8" Diameter Size, Sway Bracing	323.49	35.81
		For Work In Restricted Working Space, Add	*21.52*	
23 05 29 00-0455	EA	10" Diameter Size, Sway Bracing	362.45	47.86
		For Work In Restricted Working Space, Add	*28.69*	
23 05 29 00-0456		**Pipe Stand With Adjustable Saddle (Cooper B-Line B3088T-18 Base, B3093 Adjustable Pipe Saddle)** *(23 05 29 00-0001)*		
		Note: Heights listed is total for base and adjustable saddle		
23 05 29 00-0457	EA	23" to 28" High Pipe Stand With Adjustable Saddle For 1-1/4" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	369.26	11.48
		For Work In Restricted Working Space, Add	*6.89*	
23 05 29 00-0458	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 1-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	377.17	12.63
		For Work In Restricted Working Space, Add	*7.58*	
23 05 29 00-0459	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	736.64	14.35
		For Work In Restricted Working Space, Add	*8.61*	
23 05 29 00-0460	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 2-1/2" Diameter Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	906.52	16.07
		For Work In Restricted Working Space, Add	*9.64*	
23 05 29 00-0461	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 3" Diameter Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	917.67	17.79
		For Work In Restricted Working Space, Add	*10.67*	
23 05 29 00-0462	EA	25" to 29" High Pipe Stand With Adjustable Saddle For 3-1/2" Diameter Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,007.01	20.09
		For Work In Restricted Working Space, Add	*12.05*	
23 05 29 00-0463	EA	25" to 30" High Pipe Stand With Adjustable Saddle For 4" Diameter Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,204.55	21.81
		For Work In Restricted Working Space, Add	*13.09*	
23 05 29 00-0464	EA	25" to 30" High Pipe Stand With Adjustable Saddle For 5" Diameter Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,218.15	23.53
		For Work In Restricted Working Space, Add	*14.12*	
23 05 29 00-0465	EA	26" to 31" High Pipe Stand With Adjustable Saddle For 6" Diameter Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,235.53	25.83
		For Work In Restricted Working Space, Add	*15.50*	
23 05 29 00-0466	EA	28" to 33" High Pipe Stand With Adjustable Saddle For 8" Diameter Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,285.27	28.12
		For Work In Restricted Working Space, Add	*16.87*	
23 05 29 00-0467	EA	29" to 34" High Pipe Stand With Adjustable Saddle For 10" Diameter Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,374.72	30.99
		For Work In Restricted Working Space, Add	*18.59*	
23 05 29 00-0468	EA	30" to 35" High Pipe Stand With Adjustable Saddle For 12" Diameter Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,414.52	34.43
		For Work In Restricted Working Space, Add	*20.66*	
23 05 29 00-0469	EA	32" to 37" High Pipe Stand With Adjustable Saddle For 14" Diameter Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,725.91	37.88
		For Work In Restricted Working Space, Add	*22.73*	
23 05 29 00-0470	EA	33" to 38" High Pipe Stand With Adjustable Saddle For 16" Diameter Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,879.19	42.47
		For Work In Restricted Working Space, Add	*25.48*	
23 05 29 00-0471	EA	35" to 40" High Pipe Stand With Adjustable Saddle For 18" Diameter Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	2,663.37	47.06
		For Work In Restricted Working Space, Add	*28.23*	
23 05 29 00-0472	EA	36" to 41" High Pipe Stand With Adjustable Saddle For 20" Diameter Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	3,269.43	51.65
		For Work In Restricted Working Space, Add	*30.99*	
23 05 29 00-0473	EA	39" to 44" High Pipe Stand With Adjustable Saddle For 24" Diameter Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	3,914.43	56.24
		For Work In Restricted Working Space, Add	*33.74*	
23 05 29 00-0474		**Channel Mounted Cushion Clamp** *(23 05 29 00-0001)*		
		Note: Includes fastening into channel.		
23 05 29 00-0475	EA	1/2" Channel Mounted Cushion Clamp For 3/8" Pipe (Cooper B-Line BVT050)	13.61	5.17
23 05 29 00-0476	EA	5/8" Channel Mounted Cushion Clamp For 1/2" Pipe (Cooper B-Line BVT062)	14.33	5.74
23 05 29 00-0477	EA	7/8" Channel Mounted Cushion Clamp For 3/4" Pipe (Cooper B-Line BVT087)	15.82	6.02
23 05 29 00-0478	EA	1-1/8" Channel Mounted Cushion Clamp For 1" Pipe (Cooper B-Line BVT112)	16.92	6.31
23 05 29 00-0479	EA	1-3/8" Channel Mounted Cushion Clamp For 1-1/4" Pipe (Cooper B-Line BVT137)	18.87	6.89
23 05 29 00-0480	EA	1-5/8" Channel Mounted Cushion Clamp For 1-1/2" Pipe (Cooper B-Line BVT162)	21.01	7.17
23 05 29 00-0481	EA	2-1/8" Channel Mounted Cushion Clamp For 2" Pipe (Cooper B-Line BVT212)	26.29	7.46
23 05 29 00-0482	EA	2-5/8" Channel Mounted Cushion Clamp For 2-1/2" Pipe (Cooper B-Line BVT262)	29.05	8.03
23 05 29 00-0483	EA	3-1/8" Channel Mounted Cushion Clamp For 3" Pipe (Cooper B-Line BVT312)	35.60	9.18
23 05 29 00-0484	EA	4-1/8" Channel Mounted Cushion Clamp For 4" Pipe (Cooper B-Line BVT412)	53.42	10.33
23 05 29 00-0485		**Galvanized Steel Cushion Tube Clamp (KMC)** *(23 05 29 00-0001)*		
		Note: Excludes fastening bolt and drilling if necessary.		
23 05 29 00-0486	EA	1/2" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3/8" Pipe Note: 19/32" Center To Center Length, 9/32" Hole Diameter For Screw	4.57	
23 05 29 00-0487	EA	1/2" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3/8" Pipe Note: 23/32" Center To Center Length, 13/32" Hole Diameter For Screw	4.77	
23 05 29 00-0488	EA	5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1/2" Pipe Note: 23/32" Center To Center Length, 9/32" Hole Diameter For Screw	4.90	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0489	EA	5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1/2" Pipe Note: 27/32" Center To Center Length, 13/32" Hole Diameter For Screw	5.22	
23 05 29 00-0490	EA	7/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3/4" Pipe Note: 27/32" Center To Center Length, 9/32" Hole Diameter For Screw	4.83	
23 05 29 00-0491	EA	7/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3/4" Pipe Note: 31/32" Center To Center Length, 13/32" Hole Diameter For Screw	5.41	
23 05 29 00-0492	EA	1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1" Pipe Note: 31/32" Center To Center Length, 9/32" Hole Diameter For Screw	5.06	
23 05 29 00-0493	EA	1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1" Pipe Note: 1-1/32" Center To Center Length, 13/32" Hole Diameter For Screw	5.77	
23 05 29 00-0494	EA	1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1" Pipe Note: 1-5/32" Center To Center Length, 17/32" Hole Diameter For Screw	5.80	
23 05 29 00-0495	EA	1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1-1/4" Pipe Note: 1-3/32" Center To Center Length, 9/32" Hole Diameter For Screw	5.38	
23 05 29 00-0496	EA	1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1-1/4" Pipe Note: 1-7/32" Center To Center Length, 13/32" Hole Diameter For Screw	5.71	
23 05 29 00-0497	EA	1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1-1/4" Pipe Note: 1-11/16" Center To Center Length, 17/32" Hole Diameter For Screw	6.71	
23 05 29 00-0498	EA	1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1-1/2" Pipe Note: 1-5/16" Center To Center Length, 9/32" Hole Diameter For Screw	5.74	
23 05 29 00-0499	EA	1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1-1/2" Pipe Note: 1-9/16" Center To Center Length, 13/32" Hole Diameter For Screw	6.38	
23 05 29 00-0500	EA	1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1-1/2" Pipe Note: 1-13/16" Center To Center Length, 17/32" Hole Diameter For Screw	7.45	
23 05 29 00-0501	EA	2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 2" Pipe Note: 1-7/16" Center To Center Length, 9/32" Hole Diameter For Screw	7.55	
23 05 29 00-0502	EA	2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 2" Pipe Note: 1-9/16" Center To Center Length, 13/32" Hole Diameter For Screw	8.13	
23 05 29 00-0503	EA	2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 2" Pipe Note: 1-11/16" Center To Center Length, 17/32" Hole Diameter For Screw	9.29	
23 05 29 00-0504	EA	2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 2-1/2" Pipe Note: 1-11/16" Center To Center Length, 9/32" Hole Diameter For Screw	9.65	
23 05 29 00-0505	EA	2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 2-1/2" Pipe Note: 1-13/16" Center To Center Length, 13/32" Hole Diameter For Screw	11.39	
23 05 29 00-0506	EA	2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 2-1/2" Pipe Note: 1-15/16" Center To Center Length, 17/32" Hole Diameter For Screw	11.52	
23 05 29 00-0507	EA	3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3" Pipe Note: 1-15/16" Center To Center Length, 9/32" Hole Diameter For Screw	10.00	
23 05 29 00-0508	EA	3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3" Pipe Note: 2-1/16" Center To Center Length, 13/32" Hole Diameter For Screw	11.39	
23 05 29 00-0509	EA	3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 3" Pipe Note: 2-3/16" Center To Center Length, 17/32" Hole Diameter For Screw	12.23	
23 05 29 00-0510	EA	3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3-1/2" Pipe Note: 2-3/16" Center To Center Length, 9/32" Hole Diameter For Screw	10.45	
23 05 29 00-0511	EA	3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3-1/2" Pipe Note: 2-5/16" Center To Center Length, 13/32" Hole Diameter For Screw	11.29	
23 05 29 00-0512	EA	3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 3-1/2" Pipe Note: 2-7/16" Center To Center Length, 17/32" Hole Diameter For Screw	14.56	
23 05 29 00-0513	EA	4" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 4" Pipe Note: 2-7/16" Center To Center Length, 9/32" Hole Diameter For Screw	10.36	
23 05 29 00-0514	EA	4" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 4" Pipe Note: 2-9/16" Center To Center Length, 13/32" Hole Diameter For Screw	11.58	
23 05 29 00-0515	EA	4" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 4" Pipe Note: 2-11/16" Center To Center Length, 17/32" Hole Diameter For Screw	15.27	
23 05 29 00-0516		**Rooftop Pipe Supports** *(23 05 29 00-0001)* Note: Excludes pipe/conduit clamps and straps.		
23 05 29 00-0517		**Rooftop Support Base** *(23 05 29 00-0516)*		
23 05 29 00-0518	EA	4" x 6" x 4.8" Rooftop Support Base (Cooper B-Line Dura-Blok DBM)	38.26	9.35
23 05 29 00-0519	EA	4" x 6" x 9.6" Rooftop Support Base (Cooper B-Line Dura-Blok DBP)	53.15	12.47
23 05 29 00-0520		**Rooftop Support Base With 14 Gauge Galvanized Channel** *(23 05 29 00-0516)*		
23 05 29 00-0521	EA	5" x 6" x 4.8" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB5)	43.13	9.35
23 05 29 00-0522	EA	5" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10)	61.06	12.47
23 05 29 00-0523	EA	5" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB20)	110.74	15.58
23 05 29 00-0524	EA	5" x 6" x 30.8" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB30)	152.30	18.70
23 05 29 00-0525	EA	5" x 6" x 41.4" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB40)	209.80	21.81
23 05 29 00-0526	EA	5" x 6" x 52" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB48)	221.78	24.93
23 05 29 00-0527		**Rooftop Support Base With 12 Gauge Galvanized Channel** *(23 05 29 00-0516)*		
23 05 29 00-0528	EA	6-7/16" x 6" x 9.6" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB610)	73.99	12.47
23 05 29 00-0529	EA	6-7/16" x 6" x 20.2" Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB620)	116.51	15.58
23 05 29 00-0530	EA	6-7/16" x 6" x 30.8" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB630)	154.62	18.70
23 05 29 00-0531	EA	6-7/16" x 6" x 41.4" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB640)	209.93	21.81
23 05 29 00-0532	EA	6-7/16" x 6" x 52" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB648)	234.60	18.70
23 05 29 00-0533		**Rooftop Bridge Support Base With 12 Gauge Galvanized Channel** *(23 05 29 00-0516)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0534	EA	5-5/8" x 6" x 28" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-28)	123.35	18.70
23 05 29 00-0535	EA	5-5/8" x 6" x 36" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-36)	140.62	21.81
23 05 29 00-0536	EA	5-5/8" x 6" x 42" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-42)	146.81	24.93
23 05 29 00-0537	EA	5-5/8" x 6" x 50" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-50)	160.89	28.05
23 05 29 00-0538	EA	5-5/8" x 6" x 60" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-60)	204.65	31.16
23 05 29 00-0539		**Rooftop Pipe Support Base And Rod** *(23 05 29 00-0516)*		
23 05 29 00-0540	EA	9.69" To 11.19" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1/2CT)	89.31	12.47
23 05 29 00-0541	EA	9.84" To 11.34" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-3/4CT)	89.31	12.47
23 05 29 00-0542	EA	9.95" To 11.45" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1CT)	89.79	12.47
23 05 29 00-0543	EA	10.13" To 11.63" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1-1/4CT)	96.52	15.58
23 05 29 00-0544	EA	10.28" To 11.78" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1-1/2CT)	92.98	15.58
23 05 29 00-0545	EA	10.53" To 12.03" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-2CT)	97.52	15.58
23 05 29 00-0546		**Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly** *(23 05 29 00-0516)*		
23 05 29 00-0547	EA	7.09" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR2-3 1/2)	112.48	12.47
23 05 29 00-0548	EA	7.09" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR4-6)	125.18	12.47
23 05 29 00-0549	EA	8.34" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR8-10)	163.89	15.58
23 05 29 00-0550	EA	9.38" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR12-14)	215.82	15.58
23 05 29 00-0551	EA	9.78" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR16-20)	292.95	15.58
23 05 29 00-0552		**Rooftop Support Base And Adjustable Height Roller Assembly** *(23 05 29 00-0516)* Note: Includes base, two zinc all threaded rod risers and pipe roller.		
23 05 29 00-0553	EA	Up To 12" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Roller Assembly (Cooper B-Line Dura-Blok DBR10-12)	140.95	18.70
23 05 29 00-0554		**Rooftop Support Base And Adjustable Height Channel Assembly** *(23 05 29 00-0516)* Note: Includes base, two zinc all threaded rod and 14 gauge slotted channel.		
23 05 29 00-0555	EA	Up To 8" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-8)	93.21	15.58
23 05 29 00-0556	EA	Up To 12" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-12)	126.43	18.70
23 05 29 00-0557	EA	Up To 16" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-16)	141.21	21.81
23 05 29 00-0558		**Rooftop Support Bases With Channel Support And Risers Assembly** *(23 05 29 00-0516)* Note: Includes two support bases, two 12 gauge galvanized channel risers and one 12 gauge galvanized channel support. Dimensions are "overall" (height x width x length).		
23 05 29 00-0559	EA	23" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2318DS)	334.24	24.93
23 05 29 00-0560	EA	29" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2918DS)	337.90	24.93
23 05 29 00-0561	EA	41" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4118DS)	350.72	24.93
23 05 29 00-0562	EA	53" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5318DS)	380.15	24.93
23 05 29 00-0563	EA	23" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2324DS)	327.71	24.93
23 05 29 00-0564	EA	29" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2924DS)	339.98	24.93
23 05 29 00-0565	EA	41" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4124DS)	352.81	24.93
23 05 29 00-0566	EA	53" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5324DS)	382.23	24.93
23 05 29 00-0567	EA	23" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2336DS)	342.30	24.93
23 05 29 00-0568	EA	29" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2936DS)	346.58	24.93
23 05 29 00-0569	EA	41" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4136DS)	359.15	24.93
23 05 29 00-0570	EA	53" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5336DS)	388.71	24.93
23 05 29 00-0571	EA	23" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2348DS)	357.20	24.93
23 05 29 00-0572	EA	29" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2948DS)	361.10	24.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0573	EA	41" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4148DS)	373.68	24.93
23 05 29 00-0574	EA	53" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5348DS)	403.23	24.93

23 05 29 00-0575 Threaded Rod, Accessories And Attachments *(23 05 29)*

23 05 29 00-0576 Threaded Rod And Rod Accessories *(23 05 29 00-0575)*

23 05 29 00-0577 Threaded Rod *(23 05 29 00-0576)*

Note: Fully threaded.

23 05 29 00-0578	LF	3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.30	0.78
		For Galvanized, Add	*0.70*	
		For Zinc Plated, Add	*0.50*	
		For Work In Restricted Working Space, Add	*0.47*	
23 05 29 00-0579	LF	1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	4.43	0.84
		For Galvanized, Add	*1.11*	
		For Zinc Plated, Add	*0.79*	
		For Work In Restricted Working Space, Add	*0.50*	
23 05 29 00-0580	LF	5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	6.02	0.86
		For Galvanized, Add	*1.72*	
		For Zinc Plated, Add	*1.23*	
		For Work In Restricted Working Space, Add	*0.52*	
23 05 29 00-0581	LF	3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	9.58	0.89
		For Galvanized, Add	*3.12*	
		For Zinc Plated, Add	*2.23*	
		For Work In Restricted Working Space, Add	*0.53*	
23 05 29 00-0582	LF	7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	10.41	0.92
		For Galvanized, Add	*3.43*	
		For Zinc Plated, Add	*2.45*	
		For Work In Restricted Working Space, Add	*0.55*	
23 05 29 00-0583	LF	1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	14.11	1.04
		For Galvanized, Add	*4.82*	
		For Zinc Plated, Add	*3.43*	
		For Work In Restricted Working Space, Add	*0.62*	
23 05 29 00-0584	LF	1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	17.50	1.16
		For Galvanized, Add	*6.08*	
		For Zinc Plated, Add	*4.33*	
		For Work In Restricted Working Space, Add	*0.69*	

23 05 29 00-0585 Rod Couplings *(23 05 29 00-0576)*

23 05 29 00-0586	EA	3/8" Diameter, Threaded Rod Coupling Nut	9.52	
		For Work In Restricted Working Space, Add	*2.30*	
23 05 29 00-0587	EA	1/2" Diameter, Threaded Rod Coupling Nut	10.84	
		For Work In Restricted Working Space, Add	*2.55*	
23 05 29 00-0588	EA	5/8" Diameter, Threaded Rod Coupling Nut	13.72	
		For Work In Restricted Working Space, Add	*2.87*	
23 05 29 00-0589	EA	3/4" Diameter, Threaded Rod Coupling Nut	16.93	
		For Work In Restricted Working Space, Add	*3.13*	
23 05 29 00-0590	EA	7/8" Diameter, Threaded Rod Coupling Nut	25.43	
		For Work In Restricted Working Space, Add	*3.44*	
23 05 29 00-0591	EA	1" Diameter, Threaded Rod Coupling Nut	30.19	
		For Work In Restricted Working Space, Add	*4.05*	
23 05 29 00-0592	EA	1-1/8" Diameter, Threaded Rod Coupling Nut	59.47	
		For Work In Restricted Working Space, Add	*4.59*	

23 05 29 00-0593 Flat Washers *(23 05 29 00-0576)*

Note: Zinc plated.

23 05 29 00-0594	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.68	0.25
		For Galvanized, Add	*0.04*	
		For Work In Restricted Working Space, Add	*0.16*	
23 05 29 00-0595	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.93	0.25
		For Galvanized, Add	*0.09*	
		For Work In Restricted Working Space, Add	*0.17*	
23 05 29 00-0596	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.37	0.37
		For Galvanized, Add	*0.17*	
		For Work In Restricted Working Space, Add	*0.21*	
23 05 29 00-0597	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.87	0.37
		For Galvanized, Add	*0.25*	
		For Work In Restricted Working Space, Add	*0.27*	
23 05 29 00-0598	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.21	0.50
		For Galvanized, Add	*0.29*	
		For Work In Restricted Working Space, Add	*0.31*	
23 05 29 00-0599	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.59	0.50
		For Galvanized, Add	*0.36*	
		For Work In Restricted Working Space, Add	*0.35*	
23 05 29 00-0600	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.92	0.62
		For Galvanized, Add	*0.41*	
		For Work In Restricted Working Space, Add	*0.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0601		**Hex Nuts** *(23 05 29 00-0576)* Note: Grade 2 and zinc plated.		
23 05 29 00-0602	EA	3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.84	0.31
		For Galvanized, Add	*0.04*	
		For Work In Restricted Working Space, Add	*0.21*	
23 05 29 00-0603	EA	1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.08	0.31
		For Galvanized, Add	*0.08*	
		For Work In Restricted Working Space, Add	*0.23*	
23 05 29 00-0604	EA	5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.50	0.31
		For Galvanized, Add	*0.17*	
		For Work In Restricted Working Space, Add	*0.25*	
23 05 29 00-0605	EA	3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.79	0.62
		For Galvanized, Add	*0.23*	
		For Work In Restricted Working Space, Add	*0.26*	
23 05 29 00-0606	EA	7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.65	0.62
		For Galvanized, Add	*0.43*	
		For Work In Restricted Working Space, Add	*0.28*	
23 05 29 00-0607	EA	1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	3.38	0.62
		For Galvanized, Add	*0.59*	
		For Work In Restricted Working Space, Add	*0.31*	
23 05 29 00-0608	EA	1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	5.59	0.62
		For Galvanized, Add	*1.11*	
		For Work In Restricted Working Space, Add	*0.35*	
23 05 29 00-0609		**Turnbuckle (Cooper B-Line B3202)** *(23 05 29 00-0576)* Note: Type 13.		
23 05 29 00-0610	EA	3/8" Diameter, Turnbuckle (Cooper B-Line B3202)	27.06	6.23
		For Work In Restricted Working Space, Add	*3.74*	
23 05 29 00-0611	EA	1/2" Diameter, Turnbuckle (Cooper B-Line B3202)	31.99	6.85
		For Work In Restricted Working Space, Add	*4.16*	
23 05 29 00-0612	EA	5/8" Diameter, Turnbuckle (Cooper B-Line B3202)	34.55	7.48
		For Work In Restricted Working Space, Add	*4.67*	
23 05 29 00-0613	EA	3/4" Diameter, Turnbuckle (Cooper B-Line B3202)	43.21	8.73
		For Work In Restricted Working Space, Add	*5.34*	
23 05 29 00-0614	EA	7/8" Diameter, Turnbuckle (Cooper B-Line B3202)	55.60	9.35
		For Work In Restricted Working Space, Add	*6.23*	
23 05 29 00-0615	EA	1" Diameter, Turnbuckle (Cooper B-Line B3202)	68.89	9.98
		For Work In Restricted Working Space, Add	*7.48*	
23 05 29 00-0616	EA	1-1/8" Diameter, Turnbuckle (Cooper B-Line B3202)	95.05	11.23
		For Work In Restricted Working Space, Add	*9.35*	
23 05 29 00-0617		**Swivel Turnbuckle (Cooper B-Line B3224)** *(23 05 29 00-0576)* Note: Type 15.		
23 05 29 00-0618	EA	3/8" Diameter, Swivel Turnbuckle (Cooper B-Line B3224)	17.84	6.23
		For Work In Restricted Working Space, Add	*3.74*	
23 05 29 00-0619	EA	1/2" Diameter, Swivel Turnbuckle (Cooper B-Line B3224)	20.55	6.98
		For Work In Restricted Working Space, Add	*4.16*	
23 05 29 00-0620	EA	5/8" Diameter, Swivel Turnbuckle (Cooper B-Line B3224)	26.82	7.73
		For Work In Restricted Working Space, Add	*4.67*	
23 05 29 00-0621	EA	3/4" Diameter, Swivel Turnbuckle (Cooper B-Line B3224)	32.27	8.85
		For Work In Restricted Working Space, Add	*5.34*	
23 05 29 00-0622		**Forged Steel Clevis (Cooper B-Line B3201)** *(23 05 29 00-0576)* Note: Type 14.		
23 05 29 00-0623	EA	3-9/16" Forged Steel Clevis With Pin, 3/8" To 5/8" Diameter Rod Size (Cooper B-Line B3201)	87.35	11.48
		For Work In Restricted Working Space, Add	*6.89*	
23 05 29 00-0624	EA	4" Forged Steel Clevis With Pin, 3/4" To 7/8" Diameter Rod Size (Cooper B-Line B3201)	127.38	12.05
		For Work In Restricted Working Space, Add	*7.25*	
23 05 29 00-0625	EA	5-1/16" Forged Steel Clevis With Pin, 1" Diameter Rod Size (Cooper B-Line B3201)	137.68	12.63
		For Work In Restricted Working Space, Add	*7.65*	
23 05 29 00-0626	EA	5-1/16" Forged Steel Clevis With Pin, 1-1/8" Diameter Rod Size (Cooper B-Line B3201)	143.43	13.77
		For Work In Restricted Working Space, Add	*8.10*	
23 05 29 00-0627	EA	5-1/16" Forged Steel Clevis With Pin, 1-1/4" Diameter Rod Size (Cooper B-Line B3201)	151.30	15.50
		For Work In Restricted Working Space, Add	*9.18*	
23 05 29 00-0628	EA	6" Forged Steel Clevis With Pin, 1-1/2" Diameter Rod Size (Cooper B-Line B3201)	250.48	20.09
		For Work In Restricted Working Space, Add	*12.05*	
23 05 29 00-0629	EA	5-15/16" Forged Steel Clevis With Pin, 1-3/4" Diameter Rod Size (Cooper B-Line B3201)	272.21	22.96
		For Work In Restricted Working Space, Add	*13.77*	
23 05 29 00-0630	EA	7" Forged Steel Clevis With Pin, 2" Diameter Rod Size (Cooper B-Line B3201)	321.40	28.70
		For Work In Restricted Working Space, Add	*17.21*	
23 05 29 00-0631		**Welded Eye Rod (Cooper B-Line B3211)** *(23 05 29 00-0576)*		
23 05 29 00-0632	EA	3/8" Diameter x 8" Length Shank, Welded Eye Rod	27.07	6.73
		For Work In Restricted Working Space, Add	*4.05*	
23 05 29 00-0633	EA	3/8" Diameter x 10" Length Shank, Welded Eye Rod	27.91	6.85
		For Work In Restricted Working Space, Add	*4.13*	
23 05 29 00-0634	EA	3/8" Diameter x 12" Length Shank, Welded Eye Rod	28.75	6.98
		For Work In Restricted Working Space, Add	*4.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0635	EA	3/8" Diameter x 14" Length Shank, Welded Eye Rod	29.01	7.11
		For Work In Restricted Working Space, Add	*4.28*	
23 05 29 00-0636	EA	3/8" Diameter x 18" Length Shank, Welded Eye Rod	30.70	7.36
		For Work In Restricted Working Space, Add	*4.44*	
23 05 29 00-0637	EA	3/8" Diameter x 24" Length Shank, Welded Eye Rod	32.68	7.85
		For Work In Restricted Working Space, Add	*4.67*	
23 05 29 00-0638	EA	3/8" Diameter x 30" Length Shank, Welded Eye Rod	34.04	8.22
		For Work In Restricted Working Space, Add	*4.91*	
23 05 29 00-0639	EA	3/8" Diameter x 36" Length Shank, Welded Eye Rod	36.60	8.60
		For Work In Restricted Working Space, Add	*5.14*	
23 05 29 00-0640	EA	3/8" Diameter x 42" Length Shank, Welded Eye Rod	38.54	8.98
		For Work In Restricted Working Space, Add	*5.38*	
23 05 29 00-0641	EA	3/8" Diameter x 48" Length Shank, Welded Eye Rod	40.52	9.35
		For Work In Restricted Working Space, Add	*5.61*	
23 05 29 00-0642	EA	1/2" Diameter x 8" Length Shank, Welded Eye Rod	35.57	7.48
		For Work In Restricted Working Space, Add	*4.49*	
23 05 29 00-0643	EA	1/2" Diameter x 10" Length Shank, Welded Eye Rod	36.42	7.60
		For Work In Restricted Working Space, Add	*4.57*	
23 05 29 00-0644	EA	1/2" Diameter x 12" Length Shank, Welded Eye Rod	37.31	7.73
		For Work In Restricted Working Space, Add	*4.65*	
23 05 29 00-0645	EA	1/2" Diameter x 14" Length Shank, Welded Eye Rod	38.18	7.85
		For Work In Restricted Working Space, Add	*4.73*	
23 05 29 00-0646	EA	1/2" Diameter x 18" Length Shank, Welded Eye Rod	39.90	8.10
		For Work In Restricted Working Space, Add	*4.90*	
23 05 29 00-0647	EA	1/2" Diameter x 24" Length Shank, Welded Eye Rod	43.09	8.61
		For Work In Restricted Working Space, Add	*5.15*	
23 05 29 00-0648	EA	1/2" Diameter x 30" Length Shank, Welded Eye Rod	45.69	8.98
		For Work In Restricted Working Space, Add	*5.40*	
23 05 29 00-0649	EA	1/2" Diameter x 36" Length Shank, Welded Eye Rod	48.88	9.35
		For Work In Restricted Working Space, Add	*5.65*	
23 05 29 00-0650	EA	1/2" Diameter x 42" Length Shank, Welded Eye Rod	51.46	9.85
		For Work In Restricted Working Space, Add	*5.90*	
23 05 29 00-0651	EA	1/2" Diameter x 48" Length Shank, Welded Eye Rod	54.07	10.23
		For Work In Restricted Working Space, Add	*6.14*	
23 05 29 00-0652	EA	5/8" Diameter x 8" Length Shank, Welded Eye Rod	47.37	8.36
		For Work In Restricted Working Space, Add	*5.02*	
23 05 29 00-0653	EA	5/8" Diameter x 10" Length Shank, Welded Eye Rod	48.83	8.48
		For Work In Restricted Working Space, Add	*5.11*	
23 05 29 00-0654	EA	5/8" Diameter x 12" Length Shank, Welded Eye Rod	50.31	8.61
		For Work In Restricted Working Space, Add	*5.19*	
23 05 29 00-0655	EA	5/8" Diameter x 14" Length Shank, Welded Eye Rod	51.19	8.85
		For Work In Restricted Working Space, Add	*5.28*	
23 05 29 00-0656	EA	5/8" Diameter x 18" Length Shank, Welded Eye Rod	53.53	9.10
		For Work In Restricted Working Space, Add	*5.45*	
23 05 29 00-0657	EA	5/8" Diameter x 24" Length Shank, Welded Eye Rod	57.34	9.47
		For Work In Restricted Working Space, Add	*5.71*	
23 05 29 00-0658	EA	5/8" Diameter x 30" Length Shank, Welded Eye Rod	61.12	9.98
		For Work In Restricted Working Space, Add	*5.96*	
23 05 29 00-0659	EA	5/8" Diameter x 36" Length Shank, Welded Eye Rod	64.35	10.35
		For Work In Restricted Working Space, Add	*6.23*	
23 05 29 00-0660	EA	5/8" Diameter x 42" Length Shank, Welded Eye Rod	68.16	10.85
		For Work In Restricted Working Space, Add	*6.48*	
23 05 29 00-0661	EA	5/8" Diameter x 48" Length Shank, Welded Eye Rod	71.95	11.23
		For Work In Restricted Working Space, Add	*6.74*	
23 05 29 00-0662	EA	3/4" Diameter x 8" Length Shank, Welded Eye Rod	57.90	9.47
		For Work In Restricted Working Space, Add	*5.71*	
23 05 29 00-0663	EA	3/4" Diameter x 10" Length Shank, Welded Eye Rod	59.97	9.60
		For Work In Restricted Working Space, Add	*5.79*	
23 05 29 00-0664	EA	3/4" Diameter x 12" Length Shank, Welded Eye Rod	61.43	9.85
		For Work In Restricted Working Space, Add	*5.88*	
23 05 29 00-0665	EA	3/4" Diameter x 14" Length Shank, Welded Eye Rod	63.50	9.98
		For Work In Restricted Working Space, Add	*5.97*	
23 05 29 00-0666	EA	3/4" Diameter x 18" Length Shank, Welded Eye Rod	67.04	10.23
		For Work In Restricted Working Space, Add	*6.15*	
23 05 29 00-0667	EA	3/4" Diameter x 24" Length Shank, Welded Eye Rod	72.03	10.72
		For Work In Restricted Working Space, Add	*6.41*	
23 05 29 00-0668	EA	3/4" Diameter x 30" Length Shank, Welded Eye Rod	77.04	11.09
		For Work In Restricted Working Space, Add	*6.68*	
23 05 29 00-0669	EA	3/4" Diameter x 36" Length Shank, Welded Eye Rod	82.66	11.60
		For Work In Restricted Working Space, Add	*6.95*	
23 05 29 00-0670	EA	3/4" Diameter x 42" Length Shank, Welded Eye Rod	88.23	11.97
		For Work In Restricted Working Space, Add	*7.21*	
23 05 29 00-0671	EA	3/4" Diameter x 48" Length Shank, Welded Eye Rod	93.25	12.47
		For Work In Restricted Working Space, Add	*7.48*	
23 05 29 00-0672	EA	7/8" Diameter x 8" Length Shank, Welded Eye Rod	69.19	10.97
		For Work In Restricted Working Space, Add	*6.62*	
23 05 29 00-0673	EA	7/8" Diameter x 10" Length Shank, Welded Eye Rod	71.84	11.23
		For Work In Restricted Working Space, Add	*6.71*	
23 05 29 00-0674	EA	7/8" Diameter x 12" Length Shank, Welded Eye Rod	73.93	11.35
		For Work In Restricted Working Space, Add	*6.80*	
23 05 29 00-0675	EA	7/8" Diameter x 14" Length Shank, Welded Eye Rod	76.00	11.47
		For Work In Restricted Working Space, Add	*6.89*	
23 05 29 00-0676	EA	7/8" Diameter x 18" Length Shank, Welded Eye Rod	80.16	11.85
		For Work In Restricted Working Space, Add	*7.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0677	EA	7/8" Diameter x 24" Length Shank, Welded Eye Rod	86.96	12.22
		For Work In Restricted Working Space, Add	*7.35*	
23 05 29 00-0678	EA	7/8" Diameter x 30" Length Shank, Welded Eye Rod	93.19	12.72
		For Work In Restricted Working Space, Add	*7.63*	
23 05 29 00-0679	EA	7/8" Diameter x 36" Length Shank, Welded Eye Rod	99.99	13.22
		For Work In Restricted Working Space, Add	*7.91*	
23 05 29 00-0680	EA	7/8" Diameter x 42" Length Shank, Welded Eye Rod	106.22	13.59
		For Work In Restricted Working Space, Add	*8.18*	
23 05 29 00-0681	EA	7/8" Diameter x 48" Length Shank, Welded Eye Rod	112.45	14.09
		For Work In Restricted Working Space, Add	*8.46*	
23 05 29 00-0682	EA	1" Diameter x 8" Length Shank, Welded Eye Rod	86.42	13.22
		For Work In Restricted Working Space, Add	*7.90*	
23 05 29 00-0683	EA	1" Diameter x 10" Length Shank, Welded Eye Rod	89.12	13.34
		For Work In Restricted Working Space, Add	*8.00*	
23 05 29 00-0684	EA	1" Diameter x 12" Length Shank, Welded Eye Rod	91.83	13.47
		For Work In Restricted Working Space, Add	*8.11*	
23 05 29 00-0685	EA	1" Diameter x 14" Length Shank, Welded Eye Rod	94.52	13.71
		For Work In Restricted Working Space, Add	*8.21*	
23 05 29 00-0686	EA	1" Diameter x 18" Length Shank, Welded Eye Rod	99.92	14.09
		For Work In Restricted Working Space, Add	*8.42*	
23 05 29 00-0687	EA	1" Diameter x 24" Length Shank, Welded Eye Rod	108.03	14.59
		For Work In Restricted Working Space, Add	*8.73*	
23 05 29 00-0688	EA	1" Diameter x 30" Length Shank, Welded Eye Rod	116.15	15.09
		For Work In Restricted Working Space, Add	*9.04*	
23 05 29 00-0689	EA	1" Diameter x 36" Length Shank, Welded Eye Rod	124.81	15.58
		For Work In Restricted Working Space, Add	*9.35*	
23 05 29 00-0690	EA	1" Diameter x 42" Length Shank, Welded Eye Rod	132.93	16.09
		For Work In Restricted Working Space, Add	*9.66*	
23 05 29 00-0691	EA	1" Diameter x 48" Length Shank, Welded Eye Rod	141.05	16.58
		For Work In Restricted Working Space, Add	*9.98*	

23 05 29 00-0692 Welded Linked Eye Rod (Cooper B-Line B3211X) *(23 05 29 00-0576)*

23 05 29 00-0693	EA	3/8" Diameter x 16" Length Shank, Linked Welded Eye Rod	54.78	9.10
		For Work In Restricted Working Space, Add	*5.49*	
23 05 29 00-0694	EA	3/8" Diameter x 20" Length Shank, Linked Welded Eye Rod	56.26	9.35
		For Work In Restricted Working Space, Add	*5.64*	
23 05 29 00-0695	EA	3/8" Diameter x 24" Length Shank, Linked Welded Eye Rod	57.75	9.72
		For Work In Restricted Working Space, Add	*5.80*	
23 05 29 00-0696	EA	3/8" Diameter x 30" Length Shank, Linked Welded Eye Rod	58.54	10.09
		For Work In Restricted Working Space, Add	*6.03*	
23 05 29 00-0697	EA	3/8" Diameter x 36" Length Shank, Linked Welded Eye Rod	61.25	10.47
		For Work In Restricted Working Space, Add	*6.26*	
23 05 29 00-0698	EA	3/8" Diameter x 48" Length Shank, Linked Welded Eye Rod	64.81	11.22
		For Work In Restricted Working Space, Add	*6.73*	
23 05 29 00-0699	EA	3/8" Diameter x 60" Length Shank, Linked Welded Eye Rod	67.32	11.97
		For Work In Restricted Working Space, Add	*7.20*	
23 05 29 00-0700	EA	3/8" Diameter x 72" Length Shank, Linked Welded Eye Rod	71.85	12.84
		For Work In Restricted Working Space, Add	*7.67*	
23 05 29 00-0701	EA	1/2" Diameter x 16" Length Shank, Linked Welded Eye Rod	70.16	10.10
		For Work In Restricted Working Space, Add	*6.06*	
23 05 29 00-0702	EA	1/2" Diameter x 20" Length Shank, Linked Welded Eye Rod	71.69	10.35
		For Work In Restricted Working Space, Add	*6.23*	
23 05 29 00-0703	EA	1/2" Diameter x 24" Length Shank, Linked Welded Eye Rod	73.26	10.60
		For Work In Restricted Working Space, Add	*6.39*	
23 05 29 00-0704	EA	1/2" Diameter x 30" Length Shank, Linked Welded Eye Rod	75.07	11.09
		For Work In Restricted Working Space, Add	*6.65*	
23 05 29 00-0705	EA	1/2" Diameter x 36" Length Shank, Linked Welded Eye Rod	77.83	11.47
		For Work In Restricted Working Space, Add	*6.89*	
23 05 29 00-0706	EA	1/2" Diameter x 48" Length Shank, Linked Welded Eye Rod	83.43	12.34
		For Work In Restricted Working Space, Add	*7.39*	
23 05 29 00-0707	EA	1/2" Diameter x 60" Length Shank, Linked Welded Eye Rod	88.05	13.09
		For Work In Restricted Working Space, Add	*7.89*	
23 05 29 00-0708	EA	1/2" Diameter x 72" Length Shank, Linked Welded Eye Rod	93.64	13.96
		For Work In Restricted Working Space, Add	*8.39*	
23 05 29 00-0709	EA	5/8" Diameter x 16" Length Shank, Linked Welded Eye Rod	93.09	11.23
		For Work In Restricted Working Space, Add	*6.77*	
23 05 29 00-0710	EA	5/8" Diameter x 20" Length Shank, Linked Welded Eye Rod	95.61	11.60
		For Work In Restricted Working Space, Add	*6.94*	
23 05 29 00-0711	EA	5/8" Diameter x 24" Length Shank, Linked Welded Eye Rod	98.16	11.85
		For Work In Restricted Working Space, Add	*7.11*	
23 05 29 00-0712	EA	5/8" Diameter x 30" Length Shank, Linked Welded Eye Rod	100.02	12.34
		For Work In Restricted Working Space, Add	*7.37*	
23 05 29 00-0713	EA	5/8" Diameter x 36" Length Shank, Linked Welded Eye Rod	103.81	12.72
		For Work In Restricted Working Space, Add	*7.63*	
23 05 29 00-0714	EA	5/8" Diameter x 48" Length Shank, Linked Welded Eye Rod	110.45	13.59
		For Work In Restricted Working Space, Add	*8.14*	
23 05 29 00-0715	EA	5/8" Diameter x 60" Length Shank, Linked Welded Eye Rod	117.06	14.47
		For Work In Restricted Working Space, Add	*8.66*	
23 05 29 00-0716	EA	5/8" Diameter x 72" Length Shank, Linked Welded Eye Rod	122.72	15.33
		For Work In Restricted Working Space, Add	*9.18*	
23 05 29 00-0717	EA	3/4" Diameter x 16" Length Shank, Linked Welded Eye Rod	117.16	12.72
		For Work In Restricted Working Space, Add	*7.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0718	EA	3/4" Diameter x 20" Length Shank, Linked Welded Eye Rod	120.74	13.09
		For Work In Restricted Working Space, Add	*7.84*	
23 05 29 00-0719	EA	3/4" Diameter x 24" Length Shank, Linked Welded Eye Rod	123.27	13.34
		For Work In Restricted Working Space, Add	*8.02*	
23 05 29 00-0720	EA	3/4" Diameter x 30" Length Shank, Linked Welded Eye Rod	127.10	13.84
		For Work In Restricted Working Space, Add	*8.28*	
23 05 29 00-0721	EA	3/4" Diameter x 36" Length Shank, Linked Welded Eye Rod	132.90	14.22
		For Work In Restricted Working Space, Add	*8.55*	
23 05 29 00-0722	EA	3/4" Diameter x 48" Length Shank, Linked Welded Eye Rod	141.52	15.09
		For Work In Restricted Working Space, Add	*9.08*	
23 05 29 00-0723	EA	3/4" Diameter x 60" Length Shank, Linked Welded Eye Rod	150.17	15.96
		For Work In Restricted Working Space, Add	*9.61*	
23 05 29 00-0724	EA	3/4" Diameter x 72" Length Shank, Linked Welded Eye Rod	159.81	16.95
		For Work In Restricted Working Space, Add	*10.14*	
23 05 29 00-0725	EA	7/8" Diameter x 16" Length Shank, Linked Welded Eye Rod	140.53	14.71
		For Work In Restricted Working Space, Add	*8.86*	
23 05 29 00-0726	EA	7/8" Diameter x 20" Length Shank, Linked Welded Eye Rod	145.08	15.09
		For Work In Restricted Working Space, Add	*9.05*	
23 05 29 00-0727	EA	7/8" Diameter x 24" Length Shank, Linked Welded Eye Rod	148.64	15.33
		For Work In Restricted Working Space, Add	*9.23*	
23 05 29 00-0728	EA	7/8" Diameter x 30" Length Shank, Linked Welded Eye Rod	152.50	15.84
		For Work In Restricted Working Space, Add	*9.50*	
23 05 29 00-0729	EA	7/8" Diameter x 36" Length Shank, Linked Welded Eye Rod	159.35	16.33
		For Work In Restricted Working Space, Add	*9.78*	
23 05 29 00-0730	EA	7/8" Diameter x 48" Length Shank, Linked Welded Eye Rod	170.99	17.21
		For Work In Restricted Working Space, Add	*10.34*	
23 05 29 00-0731	EA	7/8" Diameter x 60" Length Shank, Linked Welded Eye Rod	181.66	18.20
		For Work In Restricted Working Space, Add	*10.89*	
23 05 29 00-0732	EA	7/8" Diameter x 72" Length Shank, Linked Welded Eye Rod	193.33	19.08
		For Work In Restricted Working Space, Add	*11.45*	
23 05 29 00-0733	EA	1" Diameter x 16" Length Shank, Linked Welded Eye Rod	178.57	17.58
		For Work In Restricted Working Space, Add	*10.56*	
23 05 29 00-0734	EA	1" Diameter x 20" Length Shank, Linked Welded Eye Rod	183.19	17.95
		For Work In Restricted Working Space, Add	*10.76*	
23 05 29 00-0735	EA	1" Diameter x 24" Length Shank, Linked Welded Eye Rod	187.82	18.33
		For Work In Restricted Working Space, Add	*10.97*	
23 05 29 00-0736	EA	1" Diameter x 30" Length Shank, Linked Welded Eye Rod	192.79	18.83
		For Work In Restricted Working Space, Add	*11.29*	
23 05 29 00-0737	EA	1" Diameter x 36" Length Shank, Linked Welded Eye Rod	201.64	19.33
		For Work In Restricted Working Space, Add	*11.60*	
23 05 29 00-0738	EA	1" Diameter x 48" Length Shank, Linked Welded Eye Rod	215.52	20.33
		For Work In Restricted Working Space, Add	*12.22*	
23 05 29 00-0739	EA	1" Diameter x 60" Length Shank, Linked Welded Eye Rod	229.42	21.44
		For Work In Restricted Working Space, Add	*12.85*	
23 05 29 00-0740	EA	1" Diameter x 72" Length Shank, Linked Welded Eye Rod	244.19	22.44
		For Work In Restricted Working Space, Add	*13.47*	

23 05 29 00-0741 Attachments *(23 05 29 00-0575)*

23 05 29 00-0742 Welded Beam Attachments (Cooper B-Line B-3083) *(23 05 29 00-0741)*

Note: Type 22.

23 05 29 00-0743	EA	3/8" Diameter Rod Size, Welded Beam Attachment With Pin (Cooper B-Line B-3083)	66.37	11.63
		For Work In Restricted Working Space, Add	*6.98*	
23 05 29 00-0744	EA	1/2" Diameter Rod Size, Welded Beam Attachment With Pin (Cooper B-Line B-3083)	70.98	12.22
		For Work In Restricted Working Space, Add	*7.35*	
23 05 29 00-0745	EA	5/8" Diameter Rod Size, Welded Beam Attachment With Pin (Cooper B-Line B-3083)	75.68	12.91
		For Work In Restricted Working Space, Add	*7.76*	
23 05 29 00-0746	EA	3/4" Diameter Rod Size, Welded Beam Attachment With Pin (Cooper B-Line B-3083)	99.55	13.73
		For Work In Restricted Working Space, Add	*8.21*	
23 05 29 00-0747	EA	7/8" Diameter Rod Size, Welded Beam Attachment With Pin (Cooper B-Line B-3083)	121.45	14.54
		For Work In Restricted Working Space, Add	*8.73*	
23 05 29 00-0748	EA	1" Diameter Rod Size, Welded Beam Attachment With Pin (Cooper B-Line B-3083)	174.25	16.64
		For Work In Restricted Working Space, Add	*9.97*	
23 05 29 00-0749	EA	1-1/8" Diameter Rod Size, Welded Beam Attachment With Pin (Cooper B-Line B-3083)	253.24	17.45
		For Work In Restricted Working Space, Add	*10.47*	

23 05 29 00-0750 C-Clamp Style Beam Clamps (Cooper B-Line B-3034) *(23 05 29 00-0741)*

Note: Type 23. Top or bottom flange mount.

23 05 29 00-0751	EA	3/8" Diameter Rod Size, C-Clamp Style Beam Clamp (Cooper B-Line B-3034)	20.85	6.36
		For Work In Restricted Working Space, Add	*4.67*	
23 05 29 00-0752	EA	1/2" Diameter Rod Size, C-Clamp Style Beam Clamp (Cooper B-Line B-3034)	25.75	8.10
		For Work In Restricted Working Space, Add	*4.99*	
23 05 29 00-0753	EA	5/8" Diameter Rod Size, C-Clamp Style Beam Clamp (Cooper B-Line B-3034)	29.68	8.73
		For Work In Restricted Working Space, Add	*5.34*	
23 05 29 00-0754	EA	3/4" Diameter Rod Size, C-Clamp Style Beam Clamp (Cooper B-Line B-3034)	39.77	9.35
		For Work In Restricted Working Space, Add	*5.75*	
23 05 29 00-0755	EA	7/8" Diameter Rod Size, C-Clamp Style Beam Clamp (Cooper B-Line B-3034)	60.77	9.98
		For Work In Restricted Working Space, Add	*6.23*	

23 05 29 00-0756 Bottom Mount I-Beam Clamps (Cooper B-Line B-3055) *(23 05 29 00-0741)*

Note: Type 21. For attaching threaded rod centered under beam flanges.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0757	EA	3/8" Diameter Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (Cooper B-Line B-3055)	67.05	8.73
		For Work In Restricted Working Space, Add	*6.23*	
23 05 29 00-0758	EA	1/2" Diameter Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (Cooper B-Line B-3055)	101.98	11.23
		For Work In Restricted Working Space, Add	*6.80*	
23 05 29 00-0759	EA	5/8" Diameter Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (Cooper B-Line B-3055)	148.95	12.47
		For Work In Restricted Working Space, Add	*7.48*	
23 05 29 00-0760	EA	3/4" Diameter Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (Cooper B-Line B-3055)	179.20	13.71
		For Work In Restricted Working Space, Add	*8.31*	
23 05 29 00-0761	EA	1" Diameter Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (Cooper B-Line B-3055)	449.48	14.96
		For Work In Restricted Working Space, Add	*9.35*	

23 05 29 00-0762 Steel U-Bolts (Cooper B-Line B-3188) *(23 05 29 00-0741)*

Note: Type 24. Includes plate and nuts.

23 05 29 00-0763	EA	1/2" Diameter Size, Steel U-Bolt (Cooper B-Line B-3188)	17.10	3.12
		For Work In Restricted Working Space, Add	*3.74*	
23 05 29 00-0764	EA	3/4" Diameter Size, Steel U-Bolt (Cooper B-Line B-3188)	18.73	3.74
		For Work In Restricted Working Space, Add	*3.94*	
23 05 29 00-0765	EA	1" Diameter Size, Steel U-Bolt (Cooper B-Line B-3188)	20.27	3.74
		For Work In Restricted Working Space, Add	*4.16*	
23 05 29 00-0766	EA	1-1/4" Diameter Size, Steel U-Bolt (Cooper B-Line B-3188)	23.52	3.74
		For Work In Restricted Working Space, Add	*4.40*	
23 05 29 00-0767	EA	1-1/2" Diameter Size, Steel U-Bolt (Cooper B-Line B-3188)	24.10	4.36
		For Work In Restricted Working Space, Add	*4.67*	
23 05 29 00-0768	EA	2" Diameter Size, Steel U-Bolt (Cooper B-Line B-3188)	25.82	4.36
		For Work In Restricted Working Space, Add	*4.99*	
23 05 29 00-0769	EA	2-1/2" Diameter Size, Steel U-Bolt (Cooper B-Line B-3188)	39.84	4.36
		For Work In Restricted Working Space, Add	*5.34*	
23 05 29 00-0770	EA	3" Diameter Size, Steel U-Bolt (Cooper B-Line B-3188)	44.12	4.98
		For Work In Restricted Working Space, Add	*5.75*	
23 05 29 00-0771	EA	4" Diameter Size, Steel U-Bolt (Cooper B-Line B-3188)	54.34	5.61
		For Work In Restricted Working Space, Add	*6.23*	

23 05 29 00-0772 Copper Standoff Brackets With Flange *(23 05 29 00-0741)*

Note: Installed in wood, concrete, concrete block or steel.

23 05 29 00-0773	EA	1/2" Diameter Clamp Size, Copper Standoff Brackets With Flange	37.30	17.83
		For Work In Restricted Working Space, Add	*10.69*	
23 05 29 00-0774	EA	3/4" Diameter Clamp Size, Copper Standoff Brackets With Flange	37.40	17.83
		For Work In Restricted Working Space, Add	*10.69*	
23 05 29 00-0775	EA	1" Diameter Clamp Size, Copper Standoff Brackets With Flange	37.50	17.83
		For Work In Restricted Working Space, Add	*10.69*	
23 05 29 00-0776	EA	1-1/4" Diameter Clamp Size, Copper Standoff Brackets With Flange	39.86	18.96
		For Work In Restricted Working Space, Add	*11.33*	
23 05 29 00-0777	EA	1-1/2" Diameter Clamp Size, Copper Standoff Brackets With Flange	40.06	18.96
		For Work In Restricted Working Space, Add	*11.33*	

23 05 29 00-0778 Malleable Iron Eye Sockets (Cooper B-Line B-3222) *(23 05 29 00-0741)*

Note: Type 16.

23 05 29 00-0779	EA	3/8" Diameter Rod Size, Malleable Iron Eye Socket	15.44	1.87
		For Work In Restricted Working Space, Add	*1.13*	
23 05 29 00-0780	EA	1/2" Diameter Rod Size, Malleable Iron Eye Socket	19.62	2.50
		For Work In Restricted Working Space, Add	*1.49*	
23 05 29 00-0781	EA	5/8" Diameter Rod Size, Malleable Iron Eye Socket	35.09	2.50
		For Work In Restricted Working Space, Add	*1.51*	
23 05 29 00-0782	EA	3/4" Diameter Rod Size, Malleable Iron Eye Socket	50.28	2.50
		For Work In Restricted Working Space, Add	*1.49*	
23 05 29 00-0783	EA	7/8" Diameter Rod Size, Malleable Iron Eye Socket	53.97	3.12
		For Work In Restricted Working Space, Add	*1.87*	

23 05 29 00-0784 Steel Weldless Eye Nuts (Cooper B-Line B-3200) *(23 05 29 00-0741)*

Note: Type 17.

23 05 29 00-0785	EA	3/8" Diameter Rod Size, Steel Weldless Eye Nut	53.61	1.87
		For Work In Restricted Working Space, Add	*1.13*	
23 05 29 00-0786	EA	1/2" Diameter Rod Size, Steel Weldless Eye Nut	54.81	2.50
		For Work In Restricted Working Space, Add	*1.49*	
23 05 29 00-0787	EA	5/8" Diameter Rod Size, Steel Weldless Eye Nut	54.86	2.50
		For Work In Restricted Working Space, Add	*1.51*	
23 05 29 00-0788	EA	3/4" Diameter Rod Size, Steel Weldless Eye Nut	54.81	2.50
		For Work In Restricted Working Space, Add	*1.49*	
23 05 29 00-0789	EA	7/8" Diameter Rod Size, Steel Weldless Eye Nut	108.45	2.74
		For Work In Restricted Working Space, Add	*1.68*	
23 05 29 00-0790	EA	1" Diameter Rod Size, Steel Weldless Eye Nut	109.07	3.12
		For Work In Restricted Working Space, Add	*1.87*	

23 05 29 00-0791 Top Mount I-Beam Clamps (Cooper B-Line B-3042) *(23 05 29 00-0741)*

Note: For attaching threaded rod to either side of an I-beam.

23 05 29 00-0792	EA	3/8" Diameter Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	32.79	5.81
		For Work In Restricted Working Space, Add	*3.49*	
23 05 29 00-0793	EA	1/2" Diameter Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	39.91	6.40
		For Work In Restricted Working Space, Add	*3.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0794	EA	5/8" Diameter Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	48.92	6.98
		For Work In Restricted Working Space, Add	*4.23*	
23 05 29 00-0795	EA	3/4" Diameter Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	69.02	7.56
		For Work In Restricted Working Space, Add	*4.45*	
23 05 29 00-0796	EA	7/8" Diameter Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	108.02	8.73
		For Work In Restricted Working Space, Add	*5.24*	
23 05 29 00-0797	EA	3/8" Diameter Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	34.75	5.81
		For Work In Restricted Working Space, Add	*3.49*	
23 05 29 00-0798	EA	1/2" Diameter Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	42.68	6.40
		For Work In Restricted Working Space, Add	*3.85*	
23 05 29 00-0799	EA	5/8" Diameter Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	48.92	6.98
		For Work In Restricted Working Space, Add	*4.23*	
23 05 29 00-0800	EA	3/4" Diameter Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	76.33	7.56
		For Work In Restricted Working Space, Add	*4.45*	
23 05 29 00-0801	EA	7/8" Diameter Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	120.50	8.73
		For Work In Restricted Working Space, Add	*5.24*	
23 05 29 00-0802	EA	3/8" Diameter Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	39.32	5.81
		For Work In Restricted Working Space, Add	*3.49*	
23 05 29 00-0803	EA	1/2" Diameter Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	47.82	6.40
		For Work In Restricted Working Space, Add	*3.85*	
23 05 29 00-0804	EA	5/8" Diameter Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	60.96	6.98
		For Work In Restricted Working Space, Add	*4.23*	
23 05 29 00-0805	EA	3/4" Diameter Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	89.99	7.56
		For Work In Restricted Working Space, Add	*4.45*	
23 05 29 00-0806	EA	7/8" Diameter Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	147.21	8.73
		For Work In Restricted Working Space, Add	*5.24*	

23 05 29 00-0807 Side Beam Brackets (Cooper B-Line B-3062) *(23 05 29 00-0741)*

Note: Type 34.

23 05 29 00-0808	EA	3/8" Diameter Rod Size, Side Beam Bracket	24.10	8.10
		For Work In Restricted Working Space, Add	*4.67*	
23 05 29 00-0809	EA	1/2" Diameter Rod Size, Side Beam Bracket	29.26	8.10
		For Work In Restricted Working Space, Add	*4.99*	
23 05 29 00-0810	EA	5/8" Diameter Rod Size, Side Beam Bracket	39.38	8.73
		For Work In Restricted Working Space, Add	*5.34*	
23 05 29 00-0811	EA	3/4" Diameter Rod Size, Side Beam Bracket	74.96	9.35
		For Work In Restricted Working Space, Add	*5.75*	
23 05 29 00-0812	EA	7/8" Diameter Rod Size, Side Beam Bracket	88.43	10.60
		For Work In Restricted Working Space, Add	*6.23*	

23 05 29 00-0813 Hex Lag Bolts *(23 05 29 00-0741)*

Note: Also known as coach screws.

23 05 29 00-0814	EA	3/8" Diameter x 3-1/2" Long, Hex Lag Bolt	3.19	
		For Work In Restricted Working Space, Add	*0.78*	
23 05 29 00-0815	EA	3/8" Diameter x 4" Long, Hex Lag Bolt	3.56	
		For Work In Restricted Working Space, Add	*0.81*	
23 05 29 00-0816	EA	3/8" Diameter x 6" Long, Hex Lag Bolt	4.04	
		For Work In Restricted Working Space, Add	*0.83*	
23 05 29 00-0817	EA	3/8" Diameter x 8" Long, Hex Lag Bolt	4.94	
		For Work In Restricted Working Space, Add	*0.87*	
23 05 29 00-0818	EA	3/8" Diameter x 10" Long, Hex Lag Bolt	5.28	
		For Work In Restricted Working Space, Add	*0.90*	
23 05 29 00-0819	EA	3/8" Diameter x 12" Long, Hex Lag Bolt	5.49	
		For Work In Restricted Working Space, Add	*0.94*	
23 05 29 00-0820	EA	1/2" Diameter x 3-1/2" Long, Hex Lag Bolt	4.25	
		For Work In Restricted Working Space, Add	*0.94*	
23 05 29 00-0821	EA	1/2" Diameter x 4" Long, Hex Lag Bolt	4.93	
		For Work In Restricted Working Space, Add	*0.98*	
23 05 29 00-0822	EA	1/2" Diameter x 6" Long, Hex Lag Bolt	5.79	
		For Work In Restricted Working Space, Add	*1.02*	
23 05 29 00-0823	EA	1/2" Diameter x 8" Long, Hex Lag Bolt	6.78	
		For Work In Restricted Working Space, Add	*1.06*	
23 05 29 00-0824	EA	1/2" Diameter x 10" Long, Hex Lag Bolt	8.06	
		For Work In Restricted Working Space, Add	*1.11*	
23 05 29 00-0825	EA	1/2" Diameter x 12" Long, Hex Lag Bolt	8.65	
		For Work In Restricted Working Space, Add	*1.17*	
23 05 29 00-0826	EA	5/8" Diameter x 4" Long, Hex Lag Bolt	5.66	
		For Work In Restricted Working Space, Add	*1.04*	
23 05 29 00-0827	EA	3/4" Diameter x 5" Long, Hex Lag Bolt	6.51	
		For Work In Restricted Working Space, Add	*1.06*	

23 05 29 00-0828 Hanger Strap *(23 05 29 00-0575)*

23 05 29 00-0829	LF	3/4" Wide x 0.025" Thick Galvanized Hanger Strap	6.03	

23 05 29 00-0830 Shields And Saddles *(23 05 29)*

23 05 29 00-0831 Insulation Protection Shield *(23 05 29 00-0830)*

Note: Type 40.

23 05 29 00-0832 Insulation Protection Shield (Cooper B-Line B3151) *(23 05 29 00-0831)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0833	EA	1-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)	16.04	2.99
		For Work In Restricted Working Space, Add	*2.99*	
23 05 29 00-0834	EA	2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)	16.27	3.03
		For Work In Restricted Working Space, Add	*3.03*	
23 05 29 00-0835	EA	2-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)	16.65	3.07
		For Work In Restricted Working Space, Add	*3.07*	
23 05 29 00-0836	EA	3" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)	17.35	3.10
		For Work In Restricted Working Space, Add	*3.11*	
23 05 29 00-0837	EA	4" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)	19.03	3.18
		For Work In Restricted Working Space, Add	*3.18*	
23 05 29 00-0838	EA	6" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)	22.81	3.25
		For Work In Restricted Working Space, Add	*3.26*	
23 05 29 00-0839	EA	8" Outside Diameter, 16 Gauge Insulation Protection Shield, 18" Length (Cooper B-Line B3151)	26.22	3.33
		For Work In Restricted Working Space, Add	*3.33*	
23 05 29 00-0840	EA	10" Outside Diameter, 16 Gauge Insulation Protection Shield, 18" Length (Cooper B-Line B3151)	31.62	3.40
		For Work In Restricted Working Space, Add	*3.41*	
23 05 29 00-0841	EA	12" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	39.98	3.44
		For Work In Restricted Working Space, Add	*3.44*	
23 05 29 00-0842	EA	14" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	43.38	3.48
		For Work In Restricted Working Space, Add	*3.48*	
23 05 29 00-0843	EA	16" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	58.86	3.51
		For Work In Restricted Working Space, Add	*3.52*	
23 05 29 00-0844	EA	18" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	65.88	3.55
		For Work In Restricted Working Space, Add	*3.56*	
23 05 29 00-0845	EA	20" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	120.22	3.59
		For Work In Restricted Working Space, Add	*3.59*	
23 05 29 00-0846	EA	24" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	130.52	3.66
		For Work In Restricted Working Space, Add	*3.67*	
23 05 29 00-0847	EA	30" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	157.30	3.75
		For Work In Restricted Working Space, Add	*3.74*	
23 05 29 00-0848		**Insulation Protection Shield (Cooper B-Line B3154)** *(23 05 29 00-0831)*		
23 05 29 00-0849	EA	1-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	14.37	2.99
		For Work In Restricted Working Space, Add	*2.99*	
23 05 29 00-0850	EA	2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	14.57	3.03
		For Work In Restricted Working Space, Add	*3.03*	
23 05 29 00-0851	EA	2-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	14.88	3.07
		For Work In Restricted Working Space, Add	*3.07*	
23 05 29 00-0852	EA	3" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	15.43	3.10
		For Work In Restricted Working Space, Add	*3.11*	
23 05 29 00-0853	EA	4" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	16.71	3.18
		For Work In Restricted Working Space, Add	*3.18*	
23 05 29 00-0854	EA	6" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	19.52	3.25
		For Work In Restricted Working Space, Add	*3.26*	
23 05 29 00-0855	EA	8" Outside Diameter, 16 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3154)	20.86	3.33
		For Work In Restricted Working Space, Add	*3.33*	
23 05 29 00-0856	EA	10" Outside Diameter, 16 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3154)	26.05	3.40
		For Work In Restricted Working Space, Add	*3.41*	
23 05 29 00-0857	EA	12" Outside Diameter, 14 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3154)	30.83	3.44
		For Work In Restricted Working Space, Add	*3.44*	
23 05 29 00-0858		**Pipe Covering Protection Saddle** *(23 05 29 00-0830)*		
		Note: Sizes are pipe sizes.		
23 05 29 00-0859		**Saddle, For 1" Insulation (Cooper B-Line B3160)** *(23 05 29 00-0858)*		
23 05 29 00-0860	EA	3/4" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	24.32	4.12
		For Work In Restricted Working Space, Add	*4.12*	
23 05 29 00-0861	EA	1" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	24.43	4.15
		For Work In Restricted Working Space, Add	*4.15*	
23 05 29 00-0862	EA	1-1/4" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	24.55	4.18
		For Work In Restricted Working Space, Add	*4.19*	
23 05 29 00-0863	EA	1-1/2" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	25.68	4.26
		For Work In Restricted Working Space, Add	*4.26*	
23 05 29 00-0864	EA	2" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	25.79	4.30
		For Work In Restricted Working Space, Add	*4.29*	
23 05 29 00-0865	EA	2-1/2" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	26.60	4.36
		For Work In Restricted Working Space, Add	*4.36*	
23 05 29 00-0866	EA	3" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	29.34	4.43
		For Work In Restricted Working Space, Add	*4.43*	
23 05 29 00-0867	EA	4" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	32.64	4.50
		For Work In Restricted Working Space, Add	*4.50*	
23 05 29 00-0868	EA	6" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	36.46	4.64
		For Work In Restricted Working Space, Add	*4.64*	
23 05 29 00-0869	EA	8" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	43.89	4.82
		For Work In Restricted Working Space, Add	*4.82*	
23 05 29 00-0870	EA	10" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	48.77	4.89
		For Work In Restricted Working Space, Add	*4.89*	
23 05 29 00-0871	EA	12" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	57.33	4.89
		For Work In Restricted Working Space, Add	*4.99*	
23 05 29 00-0872	EA	14" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	62.36	5.06
		For Work In Restricted Working Space, Add	*5.06*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0873		**Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)** *(23 05 29 00-0858)*		
23 05 29 00-0874	EA	3/4" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	27.14	4.12
		For Work In Restricted Working Space, Add	*4.12*	
23 05 29 00-0875	EA	1" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	27.25	4.15
		For Work In Restricted Working Space, Add	*4.15*	
23 05 29 00-0876	EA	1-1/4" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	27.37	4.18
		For Work In Restricted Working Space, Add	*4.19*	
23 05 29 00-0877	EA	1-1/2" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	28.31	4.26
		For Work In Restricted Working Space, Add	*4.26*	
23 05 29 00-0878	EA	2" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	30.38	4.30
		For Work In Restricted Working Space, Add	*4.29*	
23 05 29 00-0879	EA	2-1/2" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	32.57	4.36
		For Work In Restricted Working Space, Add	*4.36*	
23 05 29 00-0880	EA	3" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	33.12	4.43
		For Work In Restricted Working Space, Add	*4.43*	
23 05 29 00-0881	EA	4" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	37.30	4.43
		For Work In Restricted Working Space, Add	*4.50*	
23 05 29 00-0882	EA	6" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	41.72	4.64
		For Work In Restricted Working Space, Add	*4.64*	
23 05 29 00-0883	EA	8" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	49.05	4.82
		For Work In Restricted Working Space, Add	*4.82*	
23 05 29 00-0884	EA	10" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	54.87	4.89
		For Work In Restricted Working Space, Add	*4.89*	
23 05 29 00-0885	EA	12" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	64.87	4.99
		For Work In Restricted Working Space, Add	*4.99*	
23 05 29 00-0886	EA	14" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	70.82	5.06
		For Work In Restricted Working Space, Add	*5.06*	
23 05 29 00-0887		**Saddle, For 2" Insulation (Cooper B-Line B3162)** *(23 05 29 00-0858)*		
23 05 29 00-0888	EA	3/4" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	28.99	4.33
		For Work In Restricted Working Space, Add	*4.33*	
23 05 29 00-0889	EA	1" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	29.11	4.36
		For Work In Restricted Working Space, Add	*4.36*	
23 05 29 00-0890	EA	1-1/4" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	30.54	4.40
		For Work In Restricted Working Space, Add	*4.40*	
23 05 29 00-0891	EA	1-1/2" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	31.43	4.47
		For Work In Restricted Working Space, Add	*4.47*	
23 05 29 00-0892	EA	2" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	32.20	4.50
		For Work In Restricted Working Space, Add	*4.50*	
23 05 29 00-0893	EA	2-1/2" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	32.44	4.58
		For Work In Restricted Working Space, Add	*4.57*	
23 05 29 00-0894	EA	3" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	34.19	4.65
		For Work In Restricted Working Space, Add	*4.64*	
23 05 29 00-0895	EA	4" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	35.94	4.73
		For Work In Restricted Working Space, Add	*4.71*	
23 05 29 00-0896	EA	6" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	45.24	4.88
		For Work In Restricted Working Space, Add	*4.89*	
23 05 29 00-0897	EA	8" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	51.04	5.06
		For Work In Restricted Working Space, Add	*5.06*	
23 05 29 00-0898	EA	10" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	53.50	5.13
		For Work In Restricted Working Space, Add	*5.13*	
23 05 29 00-0899	EA	12" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	71.32	5.24
		For Work In Restricted Working Space, Add	*5.24*	
23 05 29 00-0900		**Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)** *(23 05 29 00-0858)*		
23 05 29 00-0901	EA	1-1/4" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	32.30	4.50
		For Work In Restricted Working Space, Add	*4.50*	
23 05 29 00-0902	EA	1-1/2" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	34.01	4.57
		For Work In Restricted Working Space, Add	*4.57*	
23 05 29 00-0903	EA	2" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	34.88	4.62
		For Work In Restricted Working Space, Add	*4.61*	
23 05 29 00-0904	EA	2-1/2" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	35.85	4.68
		For Work In Restricted Working Space, Add	*4.68*	
23 05 29 00-0905	EA	3" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	36.20	4.77
		For Work In Restricted Working Space, Add	*4.78*	
23 05 29 00-0906	EA	4" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	41.73	4.84
		For Work In Restricted Working Space, Add	*4.85*	
23 05 29 00-0907	EA	6" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	47.51	4.99
		For Work In Restricted Working Space, Add	*4.99*	
23 05 29 00-0908	EA	8" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	55.02	5.17
		For Work In Restricted Working Space, Add	*5.17*	
23 05 29 00-0909	EA	10" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	58.84	5.26
		For Work In Restricted Working Space, Add	*5.27*	
23 05 29 00-0910	EA	12" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	73.16	5.37
		For Work In Restricted Working Space, Add	*5.37*	
23 05 29 00-0911		**Adjustable Pipe Saddle Support (Cooper B-Line B3096)** *(23 05 29 00-0830)*		
23 05 29 00-0912	EA	2" Diameter Size, Adjustable Pipe Saddle Support (Cooper B-Line B3096)	90.66	15.58
23 05 29 00-0913	EA	3" Diameter Size, Adjustable Pipe Saddle Support (Cooper B-Line B3096)	96.51	18.08
23 05 29 00-0914	EA	4" Diameter Size, Adjustable Pipe Saddle Support (Cooper B-Line B3096)	117.00	20.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0915	EA	5" Diameter Size, Adjustable Pipe Saddle Support (Cooper B-Line B3096)	122.25	22.44
23 05 29 00-0916	EA	6" Diameter Size, Adjustable Pipe Saddle Support (Cooper B-Line B3096)	135.66	24.94
23 05 29 00-0917	EA	8" Diameter Size, Adjustable Pipe Saddle Support (Cooper B-Line B3096)	155.16	31.17
23 05 29 00-0918	EA	10" Diameter Size, Adjustable Pipe Saddle Support (Cooper B-Line B3096)	203.16	41.77
23 05 29 00-0919	EA	12" Diameter Size, Adjustable Pipe Saddle Support (Cooper B-Line B3096)	254.67	62.35
23 05 29 00-0920		**Pipe Stanchion Support (Cooper B-Line B3090)** *(23 05 29 00-0830)*		
23 05 29 00-0921	EA	2-1/2" Diameter Size, Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	110.98	15.58
23 05 29 00-0922	EA	3" Diameter Size, Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	115.44	18.08
23 05 29 00-0923	EA	3-1/2" Diameter Size, Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	123.77	19.33
23 05 29 00-0924	EA	4" Diameter Size, Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	126.68	20.58
23 05 29 00-0925	EA	5" Diameter Size, Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	133.39	22.44
23 05 29 00-0926	EA	6" Diameter Size, Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	141.79	24.94
23 05 29 00-0927	EA	8" Diameter Size, Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	179.90	31.17
23 05 29 00-0928	EA	10" Diameter Size, Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	242.52	41.77
23 05 29 00-0929	EA	12" Diameter Size, Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	319.83	62.35
23 05 29 00-0930		**Pipe Saddle Support (Cooper B-Line B3095)** *(23 05 29 00-0830)*		
23 05 29 00-0931	EA	2-1/2" Diameter Size, Pipe Saddle Support (Cooper B-Line B3095)	59.46	15.58
23 05 29 00-0932	EA	3" Diameter Size, Pipe Saddle Support (Cooper B-Line B3095)	63.92	18.08
23 05 29 00-0933	EA	3-1/2" Diameter Size, Pipe Saddle Support (Cooper B-Line B3095)	93.89	19.33
23 05 29 00-0934	EA	4" Diameter Size, Pipe Saddle Support (Cooper B-Line B3095)	96.80	20.58
23 05 29 00-0935	EA	5" Diameter Size, Pipe Saddle Support (Cooper B-Line B3095)	106.30	22.44
23 05 29 00-0936	EA	6" Diameter Size, Pipe Saddle Support (Cooper B-Line B3095)	117.85	24.94
23 05 29 00-0937	EA	8" Diameter Size, Pipe Saddle Support (Cooper B-Line B3095)	136.03	31.17
23 05 29 00-0938	EA	10" Diameter Size, Pipe Saddle Support (Cooper B-Line B3095)	160.39	41.77
23 05 29 00-0939	EA	12" Diameter Size, Pipe Saddle Support (Cooper B-Line B3095)	205.83	62.35
23 05 29 00-0940		**360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0830)* Note: Insert is for use as isolated protective insulation at hangers.		
23 05 29 00-0941		**1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0940)*		
23 05 29 00-0942	EA	1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	16.93	7.58
23 05 29 00-0943	EA	3/4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.21	7.58
23 05 29 00-0944	EA	1" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.29	7.58
23 05 29 00-0945	EA	1-1/4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.57	7.58
23 05 29 00-0946	EA	1-1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	18.79	8.04
23 05 29 00-0947	EA	2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	19.61	8.28
23 05 29 00-0948	EA	2-1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	20.57	8.63
23 05 29 00-0949	EA	3" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	21.61	8.98
23 05 29 00-0950	EA	4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	23.41	9.32
23 05 29 00-0951	EA	6" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	24.47	8.04
23 05 29 00-0952		**1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0940)*		
23 05 29 00-0953	EA	1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	14.40	5.71
23 05 29 00-0954	EA	3/4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	15.81	5.71
23 05 29 00-0955	EA	1" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	16.16	5.83
23 05 29 00-0956	EA	1-1/4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	16.68	5.95
23 05 29 00-0957	EA	1-1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.18	5.95
23 05 29 00-0958	EA	2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	18.04	6.18
23 05 29 00-0959	EA	2-1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	19.07	6.41
23 05 29 00-0960	EA	3" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	19.60	6.52
23 05 29 00-0961	EA	4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	21.54	7.11
23 05 29 00-0962	EA	6" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	32.42	12.24
23 05 29 00-0963	EA	8" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	28.98	9.21
23 05 29 00-0964	EA	10" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	35.04	10.84
23 05 29 00-0965	EA	12" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	39.82	12.47
23 05 29 00-0966		**2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0940)*		
23 05 29 00-0967	EA	1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	19.75	6.52
23 05 29 00-0968	EA	3/4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	19.98	6.52
23 05 29 00-0969	EA	1" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	20.63	6.65
23 05 29 00-0970	EA	1-1/4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	21.21	6.77
23 05 29 00-0971	EA	1-1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	21.80	6.88
23 05 29 00-0972	EA	2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	22.64	7.11
23 05 29 00-0973	EA	2-1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	23.83	7.34
23 05 29 00-0974	EA	3" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	24.94	7.58
23 05 29 00-0975	EA	4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	27.39	8.04
23 05 29 00-0976	EA	6" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	31.31	9.09
23 05 29 00-0977	EA	8" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	48.95	15.51
23 05 29 00-0978	EA	10" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	53.73	17.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0979	EA	12" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	62.10	21.21
23 05 29 00-0980		**2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0940)*		
23 05 29 00-0981	EA	1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	22.63	7.58
23 05 29 00-0982	EA	3/4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	22.89	7.58
23 05 29 00-0983	EA	1" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	23.69	7.69
23 05 29 00-0984	EA	1-1/4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	24.28	7.81
23 05 29 00-0985	EA	1-1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	24.89	7.81
23 05 29 00-0986	EA	2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	25.91	8.17
23 05 29 00-0987	EA	2-1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	27.25	8.40
23 05 29 00-0988	EA	3" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	28.51	8.74
23 05 29 00-0989	EA	4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	31.28	9.21
23 05 29 00-0990	EA	6" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	35.81	10.49
23 05 29 00-0991	EA	8" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	46.50	11.66
23 05 29 00-0992	EA	10" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	55.25	13.41
23 05 29 00-0993	EA	12" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	63.62	16.67
23 05 29 00-0994		**3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0940)*		
23 05 29 00-0995	EA	1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	51.26	7.81
23 05 29 00-0996	EA	3/4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	61.02	8.17
23 05 29 00-0997	EA	1" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	63.48	8.17
23 05 29 00-0998	EA	1-1/4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	65.03	8.40
23 05 29 00-0999	EA	1-1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	66.87	8.63
23 05 29 00-1000	EA	2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	68.93	8.74
23 05 29 00-1001	EA	2-1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	72.60	8.98
23 05 29 00-1002	EA	3" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	75.79	9.55
23 05 29 00-1003	EA	4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	83.61	9.91
23 05 29 00-1004	EA	6" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	95.66	12.12
23 05 29 00-1005	EA	8" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	124.05	13.29
23 05 29 00-1006	EA	10" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	147.62	14.00
23 05 29 00-1007	EA	12" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	169.29	18.07
23 05 29 00-1008		**Equipment Housekeeping Pads** *(23 05 29)*		
		See CSI section 03 31 13 00-0091 for Concrete Equipment Pads.		
23 05 29 00-1009		**Molded Plastic Condenser Pad** *(23 05 29 00-1008)*		
23 05 29 00-1010	EA	30" Round Molded Plastic Pad	153.99	15.58
23 05 29 00-1011	EA	30" Octagon Molded Plastic Pad	162.07	15.58
23 05 29 00-1012	EA	30" x 30" Molded Plastic Pad	153.99	15.58
23 05 29 00-1013	EA	36" x 36" Molded Plastic Pad	202.40	15.58
23 05 29 00-1014	EA	36" x 48" Molded Plastic Pad	292.97	15.58
23 05 29 00-1015		**Inertia Base** *(23 05 29 00-1008)*		
		Note: Includes spring isolators.		
23 05 29 00-1016	EA	Up To 12 SF Inertia Base, 8" Thick With Spring Base	2,065.95	
23 05 29 00-1017	EA	>12 To 16 SF Inertia Base, 8" Thick With Spring Base	2,495.69	
23 05 29 00-1018	EA	>16 To 20 SF Inertia Base, 8" Thick With Spring Base	2,858.58	
23 05 29 00-1019	EA	>20 To 24 SF Inertia Base, 8" Thick With Spring Base	3,266.04	
23 05 29 00-1020		**Hanger Assemblies** *(23 05 29)*		
		Note: Includes hanger, rod, nuts, washers, clamps, upper attachment, etc. Not for use where detail is available.		
23 05 29 00-1021	EA	1/2" Standard Duty Clevis Pipe Hanger Assembly	54.44	19.38
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*12.47*	
23 05 29 00-1022	EA	3/4" Standard Duty Clevis Pipe Hanger Assembly	56.74	20.53
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*13.16*	
23 05 29 00-1023	EA	1" Standard Duty Clevis Pipe Hanger Assembly	58.61	21.76
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*13.70*	
23 05 29 00-1024	EA	1-1/4" Standard Duty Clevis Pipe Hanger Assembly	59.55	21.79
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*13.91*	
23 05 29 00-1025	EA	1-1/2" Standard Duty Clevis Pipe Hanger Assembly	59.78	21.79
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*13.91*	
23 05 29 00-1026	EA	2" Standard Duty Clevis Pipe Hanger Assembly	60.93	21.96
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*14.11*	
23 05 29 00-1027	EA	2-1/2" Standard Duty Clevis Pipe Hanger Assembly	71.19	23.53
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*14.38*	
23 05 29 00-1028	EA	3" Standard Duty Clevis Pipe Hanger Assembly	73.11	24.21
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*14.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-1029	EA	4" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	88.06	27.32
		For Work In Restricted Working Space, Add	*16.13*	
23 05 29 00-1030	EA	6" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	130.08	35.31
		For Work In Restricted Working Space, Add	*21.18*	
23 05 29 00-1031	EA	8" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	149.05	40.97
		For Work In Restricted Working Space, Add	*24.57*	
23 05 29 00-1032	EA	10" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	208.73	52.03
		For Work In Restricted Working Space, Add	*30.83*	
23 05 29 00-1033	EA	12" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	227.10	55.99
		For Work In Restricted Working Space, Add	*33.65*	

23 05 29 00-1034 Steel Shapes For Hanger Devices *(23 05 29)*

23 05 29 00-1035 Angle Iron For Hanger Devices *(23 05 29 00-1034)*

23 05 29 00-1036	LF	1/2" x 1/2" x 1/8" Angle Iron For Hanger Devices	2.97	1.81
23 05 29 00-1037	LF	3/4" x 3/4" x 1/8" Angle Iron For Hanger Devices	3.90	2.27
23 05 29 00-1038	LF	1" x 1" x 1/8" Angle Iron For Hanger Devices	4.81	2.71
23 05 29 00-1039	LF	1-1/4" x 1-1/4" x 3/16" Angle Iron For Hanger Devices	6.69	3.37
23 05 29 00-1040	LF	1-1/2" x 1-1/2" x 3/16" Angle Iron For Hanger Devices	7.50	3.62
23 05 29 00-1041	LF	2" x 2" x 1/4" Angle Iron For Hanger Devices	10.16	4.07
23 05 29 00-1042	LF	2-1/2" x 2-1/2" x 1/4" Angle Iron For Hanger Devices	12.67	4.95
23 05 29 00-1043	LF	3" x 2" x 3/8" Angle Iron For Hanger Devices	16.50	5.81
23 05 29 00-1044	LF	3" x 3" x 3/8" Angle Iron For Hanger Devices	19.72	6.79

23 05 29 00-1045 Channels For Hanger Devices *(23 05 29 00-1034)*

23 05 29 00-1046	LF	C2 x 1.78, 2" Wide Channels For Hanger Devices	8.84	4.68
23 05 29 00-1047	LF	C3 x 4.1, 3" Wide Channels For Hanger Devices	15.06	6.71
23 05 29 00-1048	LF	C4 x 5.4, 4" Wide Channels For Hanger Devices	18.78	8.07
23 05 29 00-1049	LF	C5 x 6.7 - 5" Wide Channels For Hanger Devices	22.51	9.41
23 05 29 00-1050	LF	C6 x 8.2 - 6" Wide Channels For Hanger Devices	27.24	11.30
23 05 29 00-1051	LF	C7 x 9.8 - 7" Wide Channels For Hanger Devices	32.50	13.45
23 05 29 00-1052	LF	C8 x 11.5 - 8" Wide Channels For Hanger Devices	36.82	14.80

23 05 29 00-1053 Structural Bar Tees For Hanger Devices *(23 05 29 00-1034)*

23 05 29 00-1054	LF	3/4" x 3/4" x 1/8" Structural Bar Tee For Hanger Devices	9.92	6.58
23 05 29 00-1055	LF	1" x 1" x 1/8" Structural Bar Tee For Hanger Devices	11.94	7.77
23 05 29 00-1056	LF	1-1/2" x 1-1/2" x 1/4" Structural Bar Tee For Hanger Devices	16.96	8.97
23 05 29 00-1057	LF	2" x 2" x 1/4" Structural Bar Tee For Hanger Devices	21.84	11.95
23 05 29 00-1058	LF	2-1/2" x 2-1/2" x 3/8" Structural Bar Tee For Hanger Devices	29.85	14.34
23 05 29 00-1059	LF	3" x 3" x 3/8" Structural Bar Tee For Hanger Devices	37.43	18.53

23 05 29 00-1060 Structural Zees For Hanger Devices *(23 05 29 00-1034)*

23 05 29 00-1061	LF	1-1/4" x 1-3/4" x 1-3/4" Structural Zee For Hanger Devices	16.98	8.97
23 05 29 00-1062	LF	2-11/16" x 3" x 2-11/16" Structural Zee For Hanger Devices	20.31	8.97
23 05 29 00-1063	LF	3-1/16" x 4" x 3-1/16" Structural Zee For Hanger Devices	29.67	8.97
23 05 29 00-1064	LF	3-1/4" x 5" x 3-1/4" Structural Zee For Hanger Devices	37.43	8.97
23 05 29 00-1065	LF	3-1/2" x 6" x 3-1/2" Structural Zee For Hanger Devices	45.50	8.97

23 05 29 00-1066 Junior I-beams For Hanger Devices *(23 05 29 00-1034)*

23 05 29 00-1067	LF	3" I-beam (Junior) For Hanger Devices	21.23	13.15
23 05 29 00-1068	LF	4" I-beam (Junior) For Hanger Devices	24.37	14.34
23 05 29 00-1069	LF	5" I-beam (Junior) For Hanger Devices	28.08	15.54
23 05 29 00-1070	LF	6" I-beam (Junior) For Hanger Devices	30.69	17.34
23 05 29 00-1071	LF	7" I-beam (Junior) For Hanger Devices	36.38	18.53
23 05 29 00-1072	LF	8" I-beam (Junior) For Hanger Devices	39.38	19.73

23 05 48 Vibration and Seismic Controls for HVAC *(23 05)*

23 05 48 13 Vibration Controls for HVAC *(23 05 48)*

23 05 48 13-0001 Unhoused Stable Steel Spring Isolators *(23 05 48 13)*

Note: Includes leveling adjustment, cast top, base plate and pad. For use with floor mounted equipment only.

23 05 48 13-0002	EA	60 Lb. Capacity, Unhoused Steel Spring Isolator	121.74	34.90
23 05 48 13-0003	EA	115 Lb. Capacity, Unhoused Steel Spring Isolator	130.14	34.90
23 05 48 13-0004	EA	1,130 Lb. Capacity, Unhoused Steel Spring Isolator	158.01	34.90

23 05 48 13-0005 Housed Stable Steel Spring Isolators *(23 05 48 13)*

Note: Includes leveling adjustment, top plate, base plate and pad. For use with floor mounted equipment only.
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23 05 48 13-0006	EA	To 770 Lb. Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection	265.86	34.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0007	EA	To 1,040 Lb. Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection	296.11	34.90
23 05 48 13-0008	EA	To 1,600 Lb. Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection	311.23	34.90
23 05 48 13-0009	EA	To 2,250 Lb. Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection	371.73	34.90
23 05 48 13-0010	EA	To 3,250 Lb. Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection	386.85	34.90
23 05 48 13-0011	EA	To 730 Lb. Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	292.33	34.90
23 05 48 13-0012	EA	To 930 Lb. Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	318.80	34.90
23 05 48 13-0013	EA	To 1,440 Lb. Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	337.70	34.90
23 05 48 13-0014	EA	To 1,860 Lb. Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	424.66	34.90
23 05 48 13-0015	EA	To 2,880 Lb. Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	458.69	34.90
23 05 48 13-0016	EA	To 3,720 Lb. Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	538.09	34.90
23 05 48 13-0017		**Vibration Isolators** *(23 05 48 13)*		
23 05 48 13-0018		**Spring And Rubber Hanger For 1" Deflection** *(23 05 48 13-0017)*		
23 05 48 13-0019	EA	50 To 500 Lb. Rated Spring And Rubber Hanger For Vibration Isolation With 3/4" Max Rod Size	168.24	22.44
23 05 48 13-0020	EA	600 To 1,000 Lb. Rated Spring And Rubber Hanger For Vibration Isolation With 7/8" Max Rod Size	360.88	24.94
23 05 48 13-0021		**Rubber-In-Shear Isolator Hanger** *(23 05 48 13-0017)*		
23 05 48 13-0022	EA	45-340 Lb. Rated Rubber In Shear Hanger 0.38" Deflection With <1/2" Rod Size	91.53	18.71
23 05 48 13-0023	EA	130-700 Lb. Rated Rubber In Shear Hanger 0.43" Deflection With <3/4" Rod Size	119.22	22.44
23 05 48 13-0024		**Spring Hanger For 1" Deflection** *(23 05 48 13-0017)*		
23 05 48 13-0025	EA	50 To 1,000 Lb. Rated Rubber In Shear Hanger For 1" Deflection With <3/4" Rod Size	103.45	22.44
23 05 48 13-0026		**Rubber-In-Shear Vibration Isolator** *(23 05 48 13-0017)*		
23 05 48 13-0027	EA	45 To 340 Lb. Rubber In Shear Vibration Isolation With 0.38" Deflection	190.16	42.40
23 05 48 13-0028	EA	130 To 700 Lb. Rubber In Shear Vibration Isolation With 0.43" Deflection	264.54	42.40
23 05 48 13-0029	EA	550 To 1,920 Lb. Rubber In Shear Vibration Isolation With 0.48" Deflection	519.76	42.40
23 05 48 13-0030		**Two-Piece Spring Type Vibration Isolator** *(23 05 48 13-0017)* Note: For equipment support aluminum construction 1/2" adjusting and leveling bolt 1" deflection.		
23 05 48 13-0031	EA	50 To 1,000 Lb. Rated Load 2-Piece Isolator Spring Type Vibration Isolator	158.82	42.40
23 05 48 13-0032	EA	>1,000 To 1,600 Lb. Rated Load 2-Piece Isolator Spring Type Vibration Isolator	164.36	42.40
23 05 48 13-0033		**Open Double Spring Type Vibration Isolator** *(23 05 48 13-0017)* Note: For equipment support 1" deflection neoprene pad and 5/8" stud bolt.		
23 05 48 13-0034	EA	150 To 450 Lb. Rated Load Open Isolator, Double Spring Type Vibration Isolator	127.39	21.19
23 05 48 13-0035	EA	500 To 1,000 Lb. Rated Load Open Isolator, Double Spring Type Vibration Isolator	127.39	21.19
23 05 48 13-0036	EA	1,100 To 1,600 Lb. Rated Load Open Isolator, Double Spring Type Vibration Isolator	145.87	21.19
23 05 48 13-0037	EA	1,700 To 2,400 Lb. Rated Load Open Isolator, Double Spring Type Vibration Isolator	145.87	21.19
23 05 48 13-0038	EA	2,500 To 3,400 Lb. Rated Load Open Isolator, Double Spring Type Vibration Isolator	229.42	21.19
23 05 48 13-0039		**Isolation Pads** *(23 05 48 13-0017)*		
23 05 48 13-0040		**Laminated Neoprene And Cork Isolation Pad** *(23 05 48 13-0039)*		
23 05 48 13-0041	EA	2" x 2", 1" Thick Laminated Neoprene And Cork Isolation Pad	7.56	3.12
23 05 48 13-0042	EA	3" x 3", 1" Thick Laminated Neoprene And Cork Isolation Pad	9.69	3.24
23 05 48 13-0043	EA	4" x 4", 1" Thick Laminated Neoprene And Cork Isolation Pad	12.14	3.36
23 05 48 13-0044	EA	12" x 12", 1" Thick Laminated Neoprene And Cork Isolation Pad	48.08	3.87
23 05 48 13-0045	EA	18" x 18", 1" Thick Laminated Neoprene And Cork Isolation Pad	92.02	4.36
23 05 48 13-0046		**Neoprene And Steel Plate Isolation Pad** *(23 05 48 13-0039)*		
23 05 48 13-0047	EA	6" x 4", 5/8" Thick Steel Plate And Ribbed Neoprene Isolation Pad	101.02	3.12
23 05 48 13-0048	EA	6" x 4", 7/8" Thick Steel Plate And Ribbed Neoprene Isolation Pad	111.50	3.12
23 05 48 13-0049		**Neoprene Isolation Pad** *(23 05 48 13-0039)*		
23 05 48 13-0050	EA	2" x 2", 3/8" Thick Ribbed Neoprene Isolation Pad	7.05	3.12
23 05 48 13-0051	EA	3" x 3", 3/8" Thick Ribbed Neoprene Isolation Pad	8.04	3.12
23 05 48 13-0052	EA	4" x 4", 3/8" Thick Ribbed Neoprene Isolation Pad	9.62	3.12
23 05 48 13-0053	EA	12" x 12", 3/8" Thick Ribbed Neoprene Isolation Pad	47.30	3.75
23 05 48 13-0054	EA	18" x 18", 3/8" Thick Ribbed Neoprene Isolation Pad	86.48	4.36
23 05 48 13-0055		**Threaded Flexible Bronze Hose Connectors** *(23 05 48 13)* Note: Includes hex threaded nipple ends.		
23 05 48 13-0056	EA	3/8" Diameter x 9" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	87.95	19.95
23 05 48 13-0057	EA	1/2" Diameter x 10" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	101.94	27.43
23 05 48 13-0058	EA	3/4" Diameter x 11" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	125.29	33.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0059	EA	1" Diameter x 12" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	145.54	39.90
23 05 48 13-0060	EA	1-1/4" Diameter x 12" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	166.61	52.37
23 05 48 13-0061	EA	1-1/2" Diameter x 14" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	187.43	55.73
23 05 48 13-0062	EA	2" Diameter x 14" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	251.97	66.08
23 05 48 13-0063	EA	2-1/2" Diameter x 16" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	350.12	102.99
23 05 48 13-0064		**Weld End Flexible Hose Connectors** *(23 05 48 13)*		
23 05 48 13-0065	EA	1/2" Diameter x 10" Flexible Hose Connection, Weld Ends	246.88	71.57
23 05 48 13-0066	EA	3/4" Diameter x 10" Flexible Hose Connection, Weld Ends	287.35	78.56
23 05 48 13-0067	EA	1" Diameter x 10" Flexible Hose Connection, Weld Ends	322.58	83.17
23 05 48 13-0068	EA	1-1/4" Diameter x 11" Flexible Hose Connection, Weld Ends	361.13	94.77
23 05 48 13-0069	EA	1-1/2" Diameter x 12" Flexible Hose Connection, Weld Ends	408.38	102.25
23 05 48 13-0070	EA	2" Diameter x 14" Flexible Hose Connection, Weld Ends	513.79	133.04
23 05 48 13-0071	EA	2-1/2" Diameter x 16" Flexible Hose Connection, Weld Ends	759.80	149.63
23 05 48 13-0072	EA	3" Diameter x 16" Flexible Hose Connection, Weld Ends	933.78	168.33
23 05 48 13-0073	EA	4" Diameter x 18" Flexible Hose Connection, Weld Ends	1,296.75	249.38
23 05 48 13-0074		**Flanged Flexible Hose Connectors** *(23 05 48 13)*		
23 05 48 13-0075		**Flanged Flexible Molded Rubber Hose Connectors** *(23 05 48 13-0074)*		
		Note: With helical wire reinforcement 150 PSI.		
23 05 48 13-0076	EA	1-1/2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	266.39	93.52
23 05 48 13-0077	EA	2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	287.68	103.87
23 05 48 13-0078	EA	2-1/2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	459.83	207.49
23 05 48 13-0079	EA	3" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	631.82	308.61
23 05 48 13-0080	EA	4" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	824.67	398.39
23 05 48 13-0081	EA	6" Diameter x 18" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	1,067.90	414.29
23 05 48 13-0082	EA	8" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	1,304.57	473.17
23 05 48 13-0083	EA	10" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	1,700.16	563.10
23 05 48 13-0084	EA	12" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	3,989.97	704.28
23 05 48 13-0085		**Flanged Flexible Corrugated Stainless Steel Hose Connectors** *(23 05 48 13-0074)*		
		Note: With braided metal wire.		
23 05 48 13-0086	EA	1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	204.83	85.04
23 05 48 13-0087	EA	1" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	191.66	116.96
23 05 48 13-0088	EA	1-1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	382.82	155.86
23 05 48 13-0089	EA	2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	490.16	233.79
23 05 48 13-0090	EA	2-1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	525.90	257.24
23 05 48 13-0091	EA	3" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	608.53	311.48
23 05 48 13-0092	EA	4" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	779.09	398.76
23 05 48 13-0093	EA	4" Diameter x 30" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,449.37	550.13
23 05 48 13-0094	EA	4" Diameter x 36" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,655.38	644.90
23 05 48 13-0095	EA	6" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,083.13	496.15
23 05 48 13-0096	EA	6" Diameter x 36" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	2,074.76	621.43
23 05 48 13-0097	EA	8" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,805.83	662.86
23 05 48 13-0098	EA	10" Diameter x 13" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	2,128.33	766.49
23 05 48 13-0099	EA	12" Diameter x 14" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	2,772.07	828.58
23 05 48 13-0100		**Flanged Flexible Molded Teflon Hose Connectors** *(23 05 48 13-0074)*		
		Note: 150 PSI.		
23 05 48 13-0101	EA	2-1/2" Diameter x 3-3/16" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	1,211.42	180.80
23 05 48 13-0102	EA	3" Diameter x 3-5/8" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	1,356.96	211.98
23 05 48 13-0103	EA	4" Diameter x 3-5/8" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	2,049.65	356.26
23 05 48 13-0104	EA	6" Diameter x 4" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	2,488.62	414.29
23 05 48 13-0105	EA	8" Diameter x 6" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	3,286.71	508.19
23 05 48 13-0106		**Flexible Hose Connectors Braided Metal Hose Type** *(23 05 48 13)*		
23 05 48 13-0107		**Braided Metal Hose Type Flexible Bronze Hose Connectors** *(23 05 48 13-0106)*		
		Note: MPT connection.		
23 05 48 13-0108	EA	1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	48.48	2.50
23 05 48 13-0109	EA	1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	58.13	2.50
23 05 48 13-0110	EA	1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	64.49	3.24
23 05 48 13-0111	EA	1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	78.70	3.24
23 05 48 13-0112	EA	3/4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	65.04	2.99
23 05 48 13-0113	EA	3/4" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	78.80	2.99
23 05 48 13-0114	EA	3/4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	89.96	3.86
23 05 48 13-0115	EA	3/4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	111.39	3.86
23 05 48 13-0116	EA	1" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	88.93	3.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0117	EA	1" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	97.38	3.49
23 05 48 13-0118	EA	1" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	115.52	4.61
23 05 48 13-0119	EA	1" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	146.87	4.61
23 05 48 13-0120	EA	1" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	177.98	4.61
23 05 48 13-0121	EA	1" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	209.19	4.61
23 05 48 13-0122	EA	1-1/4" Or 1-1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	126.86	4.48
23 05 48 13-0123	EA	1-1/4" Or 1-1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	140.02	4.48
23 05 48 13-0124	EA	1-1/4" Or 1-1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	180.13	4.48
23 05 48 13-0125	EA	1-1/4" Or 1-1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	250.55	5.97
23 05 48 13-0126	EA	1-1/4" Or 1-1/2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	290.96	5.97
23 05 48 13-0127	EA	1-1/4" Or 1-1/2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	344.74	5.97
23 05 48 13-0128	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	173.95	5.40
23 05 48 13-0129	EA	2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	201.45	5.40
23 05 48 13-0130	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	254.71	5.40
23 05 48 13-0131	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	339.71	7.23
23 05 48 13-0132	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	420.88	7.23
23 05 48 13-0133	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	501.99	7.23
23 05 48 13-0134	EA	2-1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	241.95	6.78
23 05 48 13-0135	EA	2-1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	275.82	6.42
23 05 48 13-0136	EA	2-1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	310.03	6.42
23 05 48 13-0137	EA	2-1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	382.08	8.61
23 05 48 13-0138	EA	2-1/2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	450.88	8.61
23 05 48 13-0139	EA	2-1/2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	517.54	8.61
23 05 48 13-0140	EA	3" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	382.12	8.61
23 05 48 13-0141	EA	3" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	427.81	8.61
23 05 48 13-0142	EA	3" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	790.80	8.61
23 05 48 13-0143	EA	3" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	952.64	11.48
23 05 48 13-0144	EA	3" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	663.21	11.48
23 05 48 13-0145	EA	3" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	753.14	11.48
23 05 48 13-0146	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	701.45	10.08
23 05 48 13-0147	EA	4" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	754.85	10.08
23 05 48 13-0148	EA	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	808.25	10.08
23 05 48 13-0149	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	923.36	13.44
23 05 48 13-0150	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	1,029.74	13.44
23 05 48 13-0151	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	1,138.41	13.44

23 05 48 13-0152 Braided Stainless Steel Flexible Hose Connectors *(23 05 48 13-0106)*

Note: Over braided carbon steel connection.

23 05 48 13-0153	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	207.61	5.47
23 05 48 13-0154	EA	2" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	251.30	5.47
23 05 48 13-0155	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	294.17	5.47
23 05 48 13-0156	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	384.98	7.33
23 05 48 13-0157	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	471.88	7.33
23 05 48 13-0158	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	558.67	7.33
23 05 48 13-0159	EA	2-1/2" Or 3" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	235.27	6.42
23 05 48 13-0160	EA	2-1/2" Or 3" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	280.93	6.42
23 05 48 13-0161	EA	2-1/2" Or 3" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	326.80	6.42
23 05 48 13-0162	EA	2-1/2" Or 3" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	423.28	8.61
23 05 48 13-0163	EA	2-1/2" Or 3" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	514.64	8.61
23 05 48 13-0164	EA	2-1/2" Or 3" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	604.74	8.61
23 05 48 13-0165	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	248.98	8.61
23 05 48 13-0166	EA	4" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	301.29	8.84
23 05 48 13-0167	LF	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	354.34	8.61
23 05 48 13-0168	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	469.25	11.48
23 05 48 13-0169	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	574.79	11.48
23 05 48 13-0170	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	683.32	11.48
23 05 48 13-0171	EA	6" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	502.20	16.75
23 05 48 13-0172	EA	6" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	744.11	16.87
23 05 48 13-0173	EA	6" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	998.07	22.22
23 05 48 13-0174	EA	6" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,240.09	22.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0175	EA	6" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,482.03	22.22
23 05 48 13-0176	EA	8" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	874.74	20.58
23 05 48 13-0177	EA	8" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,057.77	20.58
23 05 48 13-0178	EA	8" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,434.48	26.74
23 05 48 13-0179	EA	8" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,797.56	26.74
23 05 48 13-0180	EA	8" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,160.55	26.74
23 05 48 13-0181	EA	10" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	935.75	25.71
23 05 48 13-0182	EA	10" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,393.34	25.71
23 05 48 13-0183	EA	10" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,866.61	33.49
23 05 48 13-0184	EA	10" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,325.79	33.49
23 05 48 13-0185	EA	10" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,783.04	33.49
23 05 48 13-0186	EA	12" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,863.50	31.09
23 05 48 13-0187	EA	12" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,434.56	31.09
23 05 48 13-0188	EA	12" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	3,044.74	41.83
23 05 48 13-0189	EA	12" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	3,620.81	41.83
23 05 48 13-0190	EA	12" Diameter x 72" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	4,199.58	41.83
23 05 48 13-0191		**Braided Metal Hose Type Flexible Bronze Hose Connectors** *(23 05 48 13-0106)*		
		Note: Flanged end connection (carbon steel ends).		
23 05 48 13-0192	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	352.58	5.40
23 05 48 13-0193	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	678.99	152.99
23 05 48 13-0194	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	826.41	152.99
23 05 48 13-0195	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	973.84	152.99
23 05 48 13-0196	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,121.32	152.99
23 05 48 13-0197	EA	2-1/2" Or 3" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	630.18	195.12
23 05 48 13-0198	EA	2-1/2" Or 3" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	785.53	195.12
23 05 48 13-0199	EA	2-1/2" Or 3" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	940.94	195.12
23 05 48 13-0200	EA	2-1/2" Or 3" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,096.41	195.12
23 05 48 13-0201	EA	2-1/2" Or 3" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,249.16	195.12
23 05 48 13-0202	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	885.39	327.10
23 05 48 13-0203	EA	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,066.72	327.92
23 05 48 13-0204	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,251.00	327.10
23 05 48 13-0205	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,457.04	327.10
23 05 48 13-0206	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,614.48	327.10
23 05 48 13-0207	EA	6" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,360.91	418.83
23 05 48 13-0208	EA	6" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,771.77	418.83
23 05 48 13-0209	EA	6" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,182.86	420.33
23 05 48 13-0210	EA	6" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,593.78	418.83
23 05 48 13-0211	EA	6" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	3,004.64	418.83
23 05 48 13-0212	EA	8" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,239.99	525.78
23 05 48 13-0213	EA	8" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,550.81	525.78
23 05 48 13-0214	EA	8" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	3,167.07	525.78
23 05 48 13-0215	EA	8" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	3,783.56	525.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0216	EA	8" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	4,399.77	525.78
23 05 48 13-0217	EA	10" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	3,628.26	640.07
23 05 48 13-0218	EA	10" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	4,402.66	640.07
23 05 48 13-0219	EA	10" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	5,182.25	640.07
23 05 48 13-0220	EA	10" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	5,960.18	640.07
23 05 48 13-0221	EA	10" Diameter x 72" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	6,588.88	640.07
23 05 48 13-0222	EA	12" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	4,909.41	777.23
23 05 48 13-0223	EA	12" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	5,892.09	777.23
23 05 48 13-0224	EA	12" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	6,874.72	777.23
23 05 48 13-0225	EA	12" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	7,857.35	777.23
23 05 48 13-0226	EA	12" Diameter x 72" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	8,840.04	777.23

23 05 53 Identification for HVAC Piping and Equipment *(23 05)*

23 05 53 00-0001 Systems Identification *(23 05 53)*

23 05 53 00-0002 Pipe Marker Snap-On Type Plastic *(23 05 53 00-0001)*

Note: Outside diameters of insulation where necessary.

23 05 53 00-0003	EA	1/2" Outside Diameter Snap-On Plastic Marker	21.47
23 05 53 00-0004	EA	3/4" Outside Diameter Snap-On Plastic Marker	21.78
23 05 53 00-0005	EA	1" Outside Diameter Snap-On Plastic Marker	21.94
23 05 53 00-0006	EA	1-1/4" Outside Diameter Snap-On Plastic Marker	22.28
23 05 53 00-0007	EA	1-1/2" Outside Diameter Snap-On Plastic Marker	25.88
23 05 53 00-0008	EA	2" Outside Diameter Snap-On Plastic Marker	26.44
23 05 53 00-0009	EA	2-1/2" Outside Diameter Snap-On Plastic Marker	41.97
23 05 53 00-0010	EA	3" Outside Diameter Snap-On Plastic Marker	42.42
23 05 53 00-0011	EA	3-1/2" Outside Diameter Snap-On Plastic Marker	42.90
23 05 53 00-0012	EA	4" Outside Diameter Snap-On Plastic Marker	43.15
23 05 53 00-0013	EA	4-1/2" Outside Diameter Snap-On Plastic Marker	43.42
23 05 53 00-0014	EA	5" Outside Diameter Snap-On Plastic Marker	43.69
23 05 53 00-0015	EA	6" Outside Diameter Snap-On Plastic Marker	45.77
23 05 53 00-0016	EA	7" Outside Diameter Snap-On Plastic Marker	46.07
23 05 53 00-0017	EA	8" Outside Diameter Snap-On Plastic Marker	56.72
23 05 53 00-0018	EA	10" Outside Diameter Snap-On Plastic Marker	58.66
23 05 53 00-0019	EA	12" Outside Diameter Snap-On Plastic Marker	67.58
23 05 53 00-0020	EA	14" Outside Diameter Snap-On Plastic Marker	77.50

23 05 53 00-0021 Pipe Markers Pressure-Sensitive *(23 05 53 00-0001)*

Note: Outside diameter includes insulation where necessary.

23 05 53 00-0022	EA	1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	14.96
23 05 53 00-0023	EA	3/4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	15.58
23 05 53 00-0024	EA	1" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	16.84
23 05 53 00-0025	EA	1-1/4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	17.08
23 05 53 00-0026	EA	1-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	18.34
23 05 53 00-0027	EA	2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	18.72
23 05 53 00-0028	EA	2-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	21.32
23 05 53 00-0029	EA	3" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	21.82
23 05 53 00-0030	EA	3-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	22.19
23 05 53 00-0031	EA	4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	22.57
23 05 53 00-0032	EA	4-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	23.35
23 05 53 00-0033	EA	5" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	24.19
23 05 53 00-0034	EA	6" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	24.92
23 05 53 00-0035	EA	7" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	25.65
23 05 53 00-0036	EA	8" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	28.52
23 05 53 00-0037	EA	10" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	29.89
23 05 53 00-0038	EA	12" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	35.06

23 05 53 00-0039 Valve Identification Tag *(23 05 53 00-0001)*

Note: Includes beaded chain and/or "S" hook.

23 05 53 00-0040	EA	2" Diameter Identification Tag, Brass	12.96
23 05 53 00-0041	EA	1-1/2" Diameter Identification Tag, Plastic	12.17
23 05 53 00-0042	EA	1-1/2" Diameter Identification Tag, Brass	11.92

23 05 66 Anti-Microbial Ultraviolet Emitters for HVAC Ducts and Equipment *(23 05)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 66 00-0001		**Double Ended Ultraviolet HVAC Microbial Control Fixtures** *(23 05 66)*		
23 05 66 00-0002	EA	18" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-181-VO) Note: Includes tube.	1,118.65	87.35
23 05 66 00-0003	EA	24" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-241-VO) Note: Includes tube.	1,167.71	91.67
23 05 66 00-0004	EA	30" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-301-VO) Note: Includes tube.	1,170.46	95.61
23 05 66 00-0005	EA	36" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-361-VO) Note: Includes tube.	1,225.15	100.45
23 05 66 00-0006	EA	42" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-421-VO) Note: Includes tube.	1,326.28	104.76
23 05 66 00-0007	EA	62" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-621-VO) Note: Includes tube.	1,193.08	108.04
23 05 66 00-0008		**Single Ended Ultraviolet HVAC Microbial Control Fixtures** *(23 05 66)*		
23 05 66 00-0009	EA	12" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-121-VO) Note: Includes tube.	938.35	60.50
23 05 66 00-0010	EA	16" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-161-VO) Note: Includes tube.	950.69	65.48
23 05 66 00-0011	EA	20" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-201-VO) Note: Includes tube.	974.60	69.41
23 05 66 00-0012	EA	24" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-241-VO) Note: Includes tube.	986.12	74.64
23 05 66 00-0013	EA	30" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-301-VO) Note: Includes tube.	1,010.85	78.58
23 05 66 00-0014	EA	36" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-361-VO) Note: Includes tube.	1,028.98	82.51
23 05 66 00-0015	EA	42" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-421-VO) Note: Includes tube.	1,052.90	87.74
23 05 66 00-0016	EA	12" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-121-VO) Note: Includes tube.	1,070.36	60.50
23 05 66 00-0017	EA	16" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-161-VO) Note: Includes tube.	1,082.70	65.48
23 05 66 00-0018	EA	20" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-201-VO) Note: Includes tube.	1,106.61	69.41
23 05 66 00-0019	EA	24" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-241-VO) Note: Includes tube.	1,118.13	74.64
23 05 66 00-0020	EA	30" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-301-VO) Note: Includes tube.	1,142.86	78.58
23 05 66 00-0021	EA	36" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-361-VO) Note: Includes tube.	1,160.99	82.51
23 05 66 00-0022	EA	42" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-421-VO) Note: Includes tube.	1,184.91	87.74
23 05 66 00-0023	EA	16" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-161-VO) Note: Includes tube.	744.04	65.48
23 05 66 00-0024	EA	20" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-201-VO) Note: Includes tube.	767.95	69.41
23 05 66 00-0025	EA	24" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-241-VO) Note: Includes tube.	779.47	74.64
23 05 66 00-0026	EA	30" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-301-VO) Note: Includes tube.	804.21	78.58
23 05 66 00-0027	EA	36" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-361-VO) Note: Includes tube.	822.33	82.51
23 05 66 00-0028	EA	42" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-421-VO) Note: Includes tube.	846.25	87.74
23 05 66 00-0029		**Fan Coil Unit Ultraviolet Microbial Control Fixtures** *(23 05 66)*		
23 05 66 00-0030	EA	16" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	684.99	83.81
23 05 66 00-0031	EA	20" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	699.73	87.74
23 05 66 00-0032	EA	24" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	714.48	91.67
23 05 66 00-0033	EA	30" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	734.54	95.61
23 05 66 00-0034	EA	36" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	760.68	100.45
23 05 66 00-0035	EA	42" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	783.62	104.76
23 05 66 00-0036		**Ultraviolet HVAC Microbial Control Replacement Parts** *(23 05 66)*		
23 05 66 00-0037	EA	18" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-16-VO)	181.08	
23 05 66 00-0038	EA	24" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-22-VO)	190.44	
23 05 66 00-0039	EA	30" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-28-VO)	216.80	
23 05 66 00-0040	EA	36" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-34-VO)	250.76	
23 05 66 00-0041	EA	42" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-40-VO)	285.47	
23 05 66 00-0042	EA	62" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-60-VO)	276.53	
23 05 66 00-0043	EA	12" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-12-VO)	133.02	
23 05 66 00-0044	EA	16" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-16-VO)	140.11	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 66 00-0045	EA	20" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-20-VO)	158.79	
23 05 66 00-0046	EA	24" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-24-VO)	165.06	
23 05 66 00-0047	EA	30" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-30-VO)	184.57	
23 05 66 00-0048	EA	36" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-36-VO)	197.46	
23 05 66 00-0049	EA	42" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-42-VO)	216.13	
23 05 66 00-0050	EA	Removal And Replacement Of Power Supply For Ultraviolet Microbial Control Fixture (Steril-Aire)	533.13	
23 05 66 00-0051		**Ultraviolet HVAC Microbial Control Mounting Accessories** *(23 05 66)*		
23 05 66 00-0052	EA	Two Spring Clip, 61" Emitter Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 11006610) Note: Includes 61" emitter, power supply, wires and connectors.	738.48	
23 05 66 00-0053	EA	Two Spring Clip, 61" Sleeved Emitter Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 11006620) Note: Includes 61" emitter, power supply, wires and connectors.	946.77	
23 05 66 00-0054	EA	Two Spring Clip, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-1) Note: Includes power supply, wires and connectors. Excludes emitter.	427.71	
23 05 66 00-0055	EA	Two Short Hook Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-2) Note: Includes power supply, wires and connectors. Excludes emitter.	453.21	
23 05 66 00-0056	EA	Flat Plate For Metal, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-3) Note: Includes power supply, wires and connectors. Excludes emitter.	588.32	
23 05 66 00-0057	EA	Flat Plate For Plastic, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-4) Note: Includes power supply, wires and connectors. Excludes emitter.	364.41	
23 05 66 00-0058	EA	Insert Lamp Holder, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-5) Note: Includes power supply, wires and connectors. Excludes emitter.	395.77	
23 05 66 00-0059	EA	16" U-Bracket, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-6) Note: Includes power supply, wires and connectors. Excludes emitter.	514.44	
23 05 66 00-0060	EA	12" U-Bracket, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-7) Note: Includes power supply, wires and connectors. Excludes emitter.	507.21	
23 05 66 00-0061	LF	30 x 30 mm Framing Structure For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000101)	19.06	
23 05 66 00-0062	EA	Vertical Support Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000111)	64.10	
23 05 66 00-0063	EA	Joint Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000112)	21.83	
23 05 66 00-0064	EA	Emitter Mounting Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000113)	20.57	
23 05 66 00-0065	EA	Foundation Bracket FB 8WA For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000104)	58.93	
23 05 66 00-0066	EA	Slider Assembly Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000114)	71.12	
23 05 66 00-0067	EA	Splice Kit For Horizontal Rows For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000108)	63.08	
23 05 66 00-0068	EA	Gusset Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000115)	51.01	
23 05 66 00-0069	EA	ISO "A" Bracket Hanger For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000109)	48.14	
23 05 66 00-0070	EA	DE Boot Kit UV Resistant For 1 DE Fixture For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000223)	25.62	
23 05 66 00-0071	EA	DE Wiring Kit For Up To 65" (DE Bank Install) For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000603)	54.23	
23 05 66 00-0072	EA	Cleaning Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000100)	25.74	
23 05 66 00-0073	EA	480 To 220 Volt AC / 180 VA Step-Down Transformer For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000503)	103.51	
23 05 66 00-0074	EA	Interlock Switch (16 Amps At 125 Volt, 10 Amperes At 250 Volt Maximum Ampacity) For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000120)	108.91	
23 05 66 00-0075		**Ultraviolet Duct Disinfection Unit (eLEDLights)** *(23 05 66)*		
23 05 66 00-0076	EA	Two 12" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD2L120V12-P1)	1,514.86	121.14
23 05 66 00-0077	EA	Two 18" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD2L120V18-P1)	1,694.70	127.69
23 05 66 00-0078	EA	Two 24" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD2L120V24-P1)	1,758.23	137.51
23 05 66 00-0079	EA	Two 30" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD2L120V30-P1)	1,839.31	147.33
23 05 66 00-0080	EA	Two 36" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD2L120V36-P1)	1,894.06	157.15
23 05 66 00-0081	EA	Two 48" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD2L120V48-P1)	2,284.54	163.70
23 05 66 00-0082	EA	Four 18" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD4L120V18-P1)	2,289.75	127.69
23 05 66 00-0083	EA	Four 24" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD4L120V24-P1)	2,379.60	137.51
23 05 66 00-0084	EA	Four 30" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD4L120V30-P1)	2,750.30	147.33
23 05 66 00-0085	EA	Four 36" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD4L120V36-P1)	2,857.71	157.15
23 05 66 00-0086		**Ultraviolet Germicidal Airborne Duct System (Fresh-Aire UV)** *(23 05 66)* Note: Includes 2 Year Warranty		
23 05 66 00-0087	EA	Two 18" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-218D-HO)	962.22	127.69
23 05 66 00-0088	EA	Four 18" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-218Q-HO)	1,588.94	127.69
23 05 66 00-0089	EA	Six 18" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-218H-HO)	2,216.51	127.69
23 05 66 00-0090	EA	Two 24" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-224D-HO)	991.99	137.51
23 05 66 00-0091	EA	Four 24" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-224Q-HO)	1,627.14	137.51
23 05 66 00-0092	EA	Six 24" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-224H-HO)	2,263.14	137.51
23 05 66 00-0093	EA	Two 32" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-232D-HO)	1,020.07	147.33
23 05 66 00-0094	EA	Four 32" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-232Q-HO)	1,665.35	147.33
23 05 66 00-0095	EA	Six 32" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-232H-HO)	2,309.78	147.33
23 05 66 00-0096	EA	Two 46" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-246D-HO)	1,129.57	163.70
23 05 66 00-0097	EA	Four 46" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-246Q-HO)	1,836.42	163.70
23 05 66 00-0098	EA	Six 46" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-246H-HO)	2,543.27	163.70
23 05 66 00-0099	EA	Two 60" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-260D-HO)	1,316.67	180.07
23 05 66 00-0100	EA	Four 60" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-260Q-HO)	2,178.73	180.07
23 05 66 00-0101	EA	Six 60" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-260H-HO)	3,039.94	180.07

23 05 93 Testing, Adjusting, and Balancing for HVAC *(23 05)*

Note: Includes all necessary testing, startup, and checkout. Use these tasks for testing, startup, and checkout of existing systems or for third party testing and report when required.

23 05 93 00-0001 Heating And Ventilating Equipment *(23 05 93)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 93 00-0002	EA	Balancing Centrifugal Fans	543.70	
		For Testing Of Unit Without Balancing, Deduct	*-271.85*	
23 05 93 00-0003	EA	Balancing Heating And Ventilating Units	679.35	
		For Testing Of Unit Without Balancing, Deduct	*-339.68*	
23 05 93 00-0004	EA	Balancing In Line Fan	611.65	
		For Testing Of Unit Without Balancing, Deduct	*-305.83*	
23 05 93 00-0005	EA	Balancing Propeller And Wall Fan	135.92	
		For Testing Of Unit Without Balancing, Deduct	*-67.96*	
23 05 93 00-0006	EA	Balancing Roof Exhaust Fan	407.74	
		For Testing Of Unit Without Balancing, Deduct	*-203.87*	
23 05 93 00-0007	EA	Balancing Wall Fan	101.92	
		For Testing Of Unit Without Balancing, Deduct	*-50.96*	
23 05 93 00-0008	EA	Balancing Fan Section Exhaust	542.82	
		For Testing Of Unit Without Balancing, Deduct	*-271.41*	
23 05 93 00-0009		**Air Conditioning Equipment** *(23 05 93)*		
23 05 93 00-0010	EA	Balancing Constant Volume Air Handling Unit	918.64	
		For Testing Of Unit Without Balancing, Deduct	*-459.32*	
23 05 93 00-0011	EA	Balancing Package A/C Unit	344.49	
		For Testing Of Unit Without Balancing, Deduct	*-172.25*	
23 05 93 00-0012	EA	Balancing Rooftop Heat And Cool Unit	459.33	
		For Testing Of Unit Without Balancing, Deduct	*-229.67*	
23 05 93 00-0013	EA	Balancing Variable Volume Air Handling Unit	1,607.62	
		For Testing Of Unit Without Balancing, Deduct	*-803.81*	
23 05 93 00-0014		**Registers, Diffusers, Terminal Air Units And Dampers** *(23 05 93)*		
23 05 93 00-0015	EA	Balancing HVAC Duct System, Ceiling Height To 12' Supply, Return, Exhaust, Register And Diffuser	101.94	
		For Testing Of Unit Without Balancing, Deduct	*-50.97*	
23 05 93 00-0016	EA	Balancing HVAC Duct System, Ceiling Height >12' Supply, Return, Exhaust, Register And Diffuser	169.91	
		For Testing Of Unit Without Balancing, Deduct	*-84.96*	
23 05 93 00-0017	EA	Balancing HVAC Duct System, Floor Height Supply, Return, Exhaust, Register And Diffuser	88.35	
		For Testing Of Unit Without Balancing, Deduct	*-44.18*	
23 05 93 00-0018	EA	Balance Variable Air Volume Box	95.72	
		For Testing Of Unit Without Balancing, Deduct	*-47.86*	
23 05 93 00-0019	EA	Balance Constant Volume Box	95.72	
		For Testing Of Unit Without Balancing, Deduct	*-47.86*	
23 05 93 00-0020	EA	Balance Fan Powered Box	108.74	
		For Testing Of Unit Without Balancing, Deduct	*-54.37*	
23 05 93 00-0021	EA	Balance Lab Fume Hood	441.77	
		For Testing Of Unit Without Balancing, Deduct	*-220.89*	
23 05 93 00-0022	EA	Balance General Hood	339.81	
		For Testing Of Unit Without Balancing, Deduct	*-169.91*	
23 05 93 00-0023	EA	Balance Induction Unit	203.90	
		For Testing Of Unit Without Balancing, Deduct	*-101.95*	
23 05 93 00-0024	EA	Balance Moduline - Master	81.53	
		For Testing Of Unit Without Balancing, Deduct	*-40.77*	
23 05 93 00-0025	EA	Balance Moduline - Slave	40.78	
		For Testing Of Unit Without Balancing, Deduct	*-20.39*	
23 05 93 00-0026	EA	Balance Dampers	37.86	
		For Testing Of Unit Without Balancing, Deduct	*-18.93*	
23 05 93 00-0027	EA	Balance Regenerators	542.82	
		For Testing Of Unit Without Balancing, Deduct	*-271.41*	
23 05 93 00-0028		**Water Balancing Of Components** *(23 05 93)*		
23 05 93 00-0029	EA	Water Balance, Air-Cool Condenser	631.63	
		For Testing Of Unit Without Balancing, Deduct	*-315.82*	
23 05 93 00-0030	EA	Water Balance, Cabinet Heater	80.38	
		For Testing Of Unit Without Balancing, Deduct	*-40.19*	
23 05 93 00-0031	EA	Water Balance, Chiller, Air-Cooled	688.92	
		For Testing Of Unit Without Balancing, Deduct	*-344.46*	
23 05 93 00-0032	EA	Water Balance, Chiller, Water Cooled	918.64	
		For Testing Of Unit Without Balancing, Deduct	*-459.32*	
23 05 93 00-0033	EA	Water Balance, Cooling Tower	459.33	
		For Testing Of Unit Without Balancing, Deduct	*-229.67*	
23 05 93 00-0034	EA	Water Balance, Fan Coil And Vent	114.90	
		For Testing Of Unit Without Balancing, Deduct	*-57.45*	
23 05 93 00-0035	EA	Water Balance, Fin Tube And Radiant Panel	114.83	
		For Testing Of Unit Without Balancing, Deduct	*-57.42*	
23 05 93 00-0036	EA	Water Balance, Main And Duct Re-Heat Coil	126.31	
		For Testing Of Unit Without Balancing, Deduct	*-63.16*	
23 05 93 00-0037	EA	Water Balance, Pumps	344.51	
		For Testing Of Unit Without Balancing, Deduct	*-172.26*	
23 05 93 00-0038	EA	Water Balance, Unit Heater	80.38	
		For Testing Of Unit Without Balancing, Deduct	*-40.19*	
23 05 93 00-0039	EA	Water Balancing, Converter	344.63	
		For Testing Of Unit Without Balancing, Deduct	*-172.32*	
23 05 93 00-0040	EA	Water Balancing, Cocks And Valves	57.40	
		For Testing Of Unit Without Balancing, Deduct	*-28.70*	
23 05 93 00-0041	EA	Water Balance, Convector	68.89	
		For Testing Of Unit Without Balancing, Deduct	*-34.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 93 00-0042	EA	Water Balancing, Backflow Preventer Or Reduced Pressure Zone Valves	86.12	
		For Testing Of Unit Without Balancing, Deduct	*-43.06*	
23 05 93 00-0043	EA	Water Balance, Boiler, Up To 500 MBH	746.40	
		For Testing Of Unit Without Balancing, Deduct	*-373.20*	
23 05 93 00-0044	EA	>500 To 1,000 MBH, Water Balance, Boiler	1,377.97	
		For Testing Of Unit Without Balancing, Deduct	*-688.99*	
23 05 93 00-0045	EA	>1,000 MBH, Water Balance, Boiler	2,526.27	
		For Testing Of Unit Without Balancing, Deduct	*-1,263.14*	
23 05 93 00-0046		Non-Destructive Testing *(23 05 93)*		
23 05 93 00-0047		X-Ray Welds, Non-Destructive Testing *(23 05 93 00-0046)*		
23 05 93 00-0048		Minimum Charge For X-Ray Welds *(23 05 93 00-0047)*		
23 05 93 00-0049	EA	Minimum Set-up Charge For X-Ray Welds Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	927.22	
23 05 93 00-0050		Piping, X-Ray Welds, Non-Destructive Testing *(23 05 93 00-0047)*		
23 05 93 00-0051	EA	Up To 3/4" Piping, X-Ray Welds, Non-Destructive Testing	94.11	
23 05 93 00-0052	EA	1" Piping, X-Ray Welds, Non-Destructive Testing	107.14	
23 05 93 00-0053	EA	1-1/4" - 1-1/2" Piping, X-Ray Welds, Non-Destructive Testing	120.18	
23 05 93 00-0054	EA	2" Piping, X-Ray Welds, Non-Destructive Testing	126.99	
23 05 93 00-0055	EA	3" Piping, X-Ray Welds, Non-Destructive Testing	133.79	
23 05 93 00-0056	EA	4" Piping, X-Ray Welds, Non-Destructive Testing	141.15	
23 05 93 00-0057	EA	6" Piping, X-Ray Welds, Non-Destructive Testing	154.76	
23 05 93 00-0058	EA	8" Piping, X-Ray Welds, Non-Destructive Testing	168.37	
23 05 93 00-0059	EA	10" Piping, X-Ray Welds, Non-Destructive Testing	175.75	
23 05 93 00-0060	EA	12" Piping, X-Ray Welds, Non-Destructive Testing	188.31	
23 05 93 00-0061		Liquid Penetration Of Welds, Non-Destructive Testing *(23 05 93 00-0046)*		
23 05 93 00-0062		Piping, Liquid Penetration Of Welds, Non-Destructive Testing *(23 05 93 00-0061)*		
23 05 93 00-0063	EA	Up To 3/4" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	81.24	
23 05 93 00-0064	EA	1" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	87.47	
23 05 93 00-0065	EA	1-1/4" - 1-1/2" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	93.70	
23 05 93 00-0066	EA	2" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	96.82	
23 05 93 00-0067	EA	3" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	101.50	
23 05 93 00-0068	EA	4" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	106.18	
23 05 93 00-0069	EA	6" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	115.52	
23 05 93 00-0070	EA	8" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	124.87	
23 05 93 00-0071	EA	10" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	134.23	
23 05 93 00-0072	EA	12" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	143.58	
23 05 93 00-0073		Hydrostatic Testing *(23 05 93 00-0046)* Note: Includes flushing and restoring of system.		
23 05 93 00-0074		Piping, Hydrostatic Testing *(23 05 93 00-0073)*		
23 05 93 00-0075	EA	Up To 100', Up To 1-1/2" Piping, Hydrostatic Testing	820.33	
23 05 93 00-0076	EA	>100' To 250', Up To 1-1/2" Piping, Hydrostatic Testing	1,171.90	
23 05 93 00-0077	EA	>250' To 500', Up To 1-1/2" Piping, Hydrostatic Testing	1,404.17	
23 05 93 00-0078	EA	>500' To 1,000', Up To 1-1/2" Piping, Hydrostatic Testing	1,870.36	
23 05 93 00-0079	EA	>1,000' To 2,000', Up To 1-1/2" Piping, Hydrostatic Testing	2,833.87	
23 05 93 00-0080	EA	Up To 100', >1-1/2" To 4" Piping, Hydrostatic Testing	1,090.72	
23 05 93 00-0081	EA	>100' To 250', >1-1/2" To 4" Piping, Hydrostatic Testing	1,558.62	
23 05 93 00-0082	EA	>250' To 500', >1-1/2" To 4" Piping, Hydrostatic Testing	1,855.51	
23 05 93 00-0083	EA	>500' To 1,000', >1-1/2" To 4" Piping, Hydrostatic Testing	2,431.44	
23 05 93 00-0084	EA	>1,000' To 2,000', >1-1/2" To 4" Piping, Hydrostatic Testing	3,678.35	
23 05 93 00-0085	EA	Up To 100', >4" To 10" Piping, Hydrostatic Testing	1,421.47	
23 05 93 00-0086	EA	>100' To 250', >4" To 10" Piping, Hydrostatic Testing	2,026.22	
23 05 93 00-0087	EA	>250' To 500', >4" To 10" Piping, Hydrostatic Testing	2,137.71	
23 05 93 00-0088	EA	>500' To 1,000', >4" To 10" Piping, Hydrostatic Testing	2,800.58	
23 05 93 00-0089	EA	>1,000' To 2,000', >4" To 10" Piping, Hydrostatic Testing	4,236.75	
23 05 93 00-0090	EA	Up To 100', >10" To 14" Piping, Hydrostatic Testing	1,845.42	
23 05 93 00-0091	EA	>100' To 250', >10" To 14" Piping, Hydrostatic Testing	2,630.96	
23 05 93 00-0092	EA	>250' To 500', >10" To 14" Piping, Hydrostatic Testing	2,779.58	
23 05 93 00-0093	EA	>500' To 1,000', >10" To 14" Piping, Hydrostatic Testing	3,645.71	
23 05 93 00-0094	EA	>1,000' To 2,000', >10" To 14" Piping, Hydrostatic Testing	5,523.81	
23 05 93 00-0095		Pneumatic Testing *(23 05 93 00-0046)* Note: Includes soaping joints flushing and restoring of system. Can be used for gas or smoke test.		
23 05 93 00-0096		Piping, Pneumatic Testing With Inert Gas *(23 05 93 00-0095)*		
23 05 93 00-0097	EA	Up To 100', Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.	932.18	
23 05 93 00-0098	EA	>100' To 250', Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.	1,330.49	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 93 00-0099	EA	>250' To 500', Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.	1,436.57	
23 05 93 00-0100	EA	>500' To 1,000', Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.	1,839.11	
23 05 93 00-0101	EA	>1,000' To 2,000', Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.	2,875.58	
23 05 93 00-0102	EA	Up To 100', >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.	1,216.40	
23 05 93 00-0103	EA	>100' To 250', >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.	1,727.71	
23 05 93 00-0104	EA	>250' To 500', >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.	1,867.49	
23 05 93 00-0105	EA	>500' To 1,000', >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.	2,391.48	
23 05 93 00-0106	EA	>1,000' To 2,000', >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.	3,737.99	
23 05 93 00-0107	EA	Up To 100', >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.	1,464.88	
23 05 93 00-0108	EA	>100' To 250', >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.	2,067.84	
23 05 93 00-0109	EA	>250' To 500', >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.	2,338.36	
23 05 93 00-0110	EA	>500' To 1,000', >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.	2,986.44	
23 05 93 00-0111	EA	>1,000' To 2,000', >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.	4,674.81	
23 05 93 00-0112	EA	Up To 100', >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.	1,907.30	
23 05 93 00-0113	EA	>100' To 250', >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.	2,688.28	
23 05 93 00-0114	EA	>250' To 500', >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.	3,040.60	
23 05 93 00-0115	EA	>500' To 1,000', >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.	3,882.75	
23 05 93 00-0116	EA	>1,000' To 2,000', >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.	6,086.29	

23 05 93 00-0117 EPA Testing Of Sludge *(23 05 93)*

23 05 93 00-0118	EA	Flashpoint And Lead Test For Lead	1,087.36	
23 05 93 00-0119	EA	Air Test/Combustion Gas Level	106.23	
23 05 93 00-0120	EA	Toxicity Test For Heavy Metals	1,669.47	
23 05 93 00-0121	EA	Aboveground Tank Water Settlement Test Including Water	1,265.98	

23 07 HVAC Insulation *(23)*

23 07 13 Duct Insulation *(23 07)*

Note: Based on SF surface area of duct to receive insulation.

23 07 13 00-0001 FSK Fiber Glass Duct Wrap Insulation *(23 07 13)*

Note: Foil-scrim kraft (FSK) facing lapped and joints sealed vapor tight.

23 07 13 00-0002 Type 75, 0.75 Lb./CF, FSK Fiber Glass Duct Wrap Insulation *(23 07 13 00-0001)*

23 07 13 00-0003	SF	1-1/2" Thick, Type 75, 0.75 Lb./CF, FSK Fiber Glass Duct Wrap Insulation	4.74	2.34
23 07 13 00-0004	SF	2" Thick, Type 75, 0.75 Lb./CF, FSK Fiber Glass Duct Wrap Insulation	5.37	3.49
23 07 13 00-0005	SF	3" Thick, Type 75, 0.75 Lb./CF, FSK Fiber Glass Duct Wrap Insulation	6.35	4.08
		For Plain Blanket, With No Facing, Deduct	*-0.59*	
		For Work In Restricted Working Space, Add	*1.46*	
23 07 13 00-0006	SF	4" Thick, Type 75, 0.75 Lb./CF, FSK Fiber Glass Duct Wrap Insulation	7.60	4.43
		For Plain Blanket, With No Facing, Deduct	*-0.94*	
		For Work In Restricted Working Space, Add	*1.58*	

23 07 13 00-0007 Type 100, 1.0 Lb./CF, FSK Fiber Glass Duct Wrap Insulation *(23 07 13 00-0001)*

23 07 13 00-0008	SF	1" Thick, Type 100, 1.0 Lb./CF, FSK Fiber Glass Duct Wrap Insulation	4.99	3.49
23 07 13 00-0009	SF	1-1/2" Thick, Type 100, 1.0 Lb./CF, FSK Fiber Glass Duct Wrap Insulation	5.82	4.08
23 07 13 00-0010	SF	2" Thick, Type 100, 1.0 Lb./CF, Fiber Glass FSK Duct Wrap Insulation	6.88	4.66

23 07 13 00-0011 Type 150, 1.5 Lb./CF, FSK Fiber Glass Duct Wrap Insulation *(23 07 13 00-0001)*

23 07 13 00-0012	SF	1" Thick, Type 150, 1.5 Lb./CF, FSK Fiber Glass Duct Wrap Insulation	6.55	4.66
23 07 13 00-0013	SF	1-1/2" Thick, Type 150, 1.5 Lb./CF, FSK Fiber Glass Duct Wrap Insulation	8.61	5.25
23 07 13 00-0014	SF	2" Thick, Type 150, 1.5 Lb./CF, FSK Fiber Glass Duct Wrap Insulation	10.04	5.83

23 07 13 00-0015 3 Lb./CF, FSK Rigid Fiber Glass Board Insulation *(23 07 13)*

Note: Foil-scrim kraft (FSK) facing, sealed vapor tight and attached to ducts with mechanical fasteners.

23 07 13 00-0016	SF	1" Thick, 3 Lb./CF, FSK Rigid Fiber Glass Board Insulation	10.96	6.67
		For Non-Metallic Weatherproof Paste, 2 Lb., Add	*15.43*	
		For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add	*18.72*	
		For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add	*25.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 13 00-0017	SF	1-1/2" Thick, 3 Lb./CF, FSK Rigid Fiber Glass Board Insulation	14.03	8.11
		For Non-Metallic Weatherproof Paste, 2 Lb., Add	*19.27*	
		For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add	*23.48*	
		For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add	*31.24*	
23 07 13 00-0018	SF	2" Thick, 3 Lb./CF, FSK Rigid Fiber Glass Board Insulation	17.45	9.79
		For Non-Metallic Weatherproof Paste, 2 Lb., Add	*23.62*	
		For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add	*28.85*	
		For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add	*38.06*	
23 07 13 00-0019		4.253 Lb./CF, FSK Rigid Fiber Glass Board Insulation *(23 07 13)*		
		Note: Foil-scrim kraft (FSK) facing, sealed vapor tight and attached to ducts with mechanical fastener.		
23 07 13 00-0020	SF	1" Thick, 4.253 Lb./CF, FSK Rigid Fiber Glass Board Insulation	12.29	7.34
23 07 13 00-0021	SF	1-1/2" Thick, 4.253 Lb./CF, FSK Rigid Fiber Glass Board Insulation	15.88	8.93
23 07 13 00-0022	SF	2" Thick, 4.253 Lb./CF, FSK Rigid Fiber Glass Board Insulation	20.28	10.77
23 07 13 00-0023		Sheet Flexible Elastomeric Insulation *(23 07 13)*		
23 07 13 00-0024	SF	3/8" Thick, Sheet Flexible Elastomeric Insulation	10.52	3.15
23 07 13 00-0025	SF	1/2" Thick, Sheet Flexible Elastomeric Insulation	11.25	3.32
23 07 13 00-0026	SF	3/4" Thick, Sheet Flexible Elastomeric Insulation	15.01	3.49
23 07 13 00-0027	SF	1" Thick, Sheet Flexible Elastomeric Insulation	17.40	3.67
23 07 13 00-0028	SF	1-1/2" Thick, Sheet Flexible Elastomeric Insulation	24.41	4.02
23 07 13 00-0029	SF	2" Thick, Sheet Flexible Elastomeric Insulation	28.97	4.37
23 07 13 00-0030		Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation *(23 07 13)*		
		Note: Jacketing is a 3-ply laminate consisting of a PVC core, 0.012" thick aluminum foil jacketing and UV-protective Mylar film.		
23 07 13 00-0031	SF	1/2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	15.95	3.32
23 07 13 00-0032	SF	3/4" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	17.59	3.49
23 07 13 00-0033	SF	1" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	19.66	3.67
23 07 13 00-0034	SF	1-1/2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	31.17	4.02
23 07 13 00-0035	SF	2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	37.05	4.37
23 07 13 00-0036		Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation *(23 07 13)*		
		Note: Jacketing is a 3-ply laminate consisting of a PVC core, 0.012" thick aluminum foil jacketing and UV-protective Mylar film.		
23 07 13 00-0037	SF	1/2" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	19.30	3.32
23 07 13 00-0038	SF	3/4" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	20.94	3.49
23 07 13 00-0039	SF	1" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	23.59	3.67
23 07 13 00-0040	SF	1-1/2" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	35.07	4.02
23 07 16		**HVAC Equipment Insulation** *(23 07)*		
23 07 16 00-0001		Calcium Silicate Block Insulation *(23 07 16)*		
23 07 16 00-0002	SF	1" Thick, Calcium Silicate Block Insulation	19.26	8.01
		For Work In Restricted Working Space, Add	*4.81*	
23 07 16 00-0003	SF	1-1/2" Thick, Calcium Silicate Block Insulation	22.89	9.01
		For Work In Restricted Working Space, Add	*5.41*	
23 07 16 00-0004	SF	2" Thick, Calcium Silicate Block Insulation	27.34	10.39
23 07 16 00-0005	SF	2-1/2" Thick, Calcium Silicate Block Insulation	32.51	12.21
		For Work In Restricted Working Space, Add	*7.32*	
23 07 16 00-0006	SF	3" Thick, Calcium Silicate Block Insulation	39.76	15.02
		For Work In Restricted Working Space, Add	*9.01*	
23 07 19		**HVAC Piping Insulation** *(23 07)*		
		See CSI section 22 07 19 00-0000 for pipe insulation.		
23 07 19 00-0001		Calcium Silicate Pipe Insulation *(23 07 19)*		
		Note: Includes adhesive. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint. See CSI section 22 07 19 00-0398 for protective jacketing.		
23 07 19 00-0002		1" Thick, Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*		
23 07 19 00-0003	LF	1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	14.60	3.83
		For Work In Restricted Working Space, Add	*2.87*	
23 07 19 00-0004	LF	3/4" Diameter Pipe, 1" Thick Calcium Silicate Insulation	14.60	3.83
		For Work In Restricted Working Space, Add	*2.87*	
23 07 19 00-0005	LF	1" Diameter Pipe, 1" Thick Calcium Silicate Insulation	14.52	3.89
		For Work In Restricted Working Space, Add	*2.92*	
23 07 19 00-0006	LF	1-1/4" Diameter Pipe, 1" Thick Calcium Silicate Insulation	14.75	3.94
		For Work In Restricted Working Space, Add	*2.96*	
23 07 19 00-0007	LF	1-1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	14.93	4.00
		For Work In Restricted Working Space, Add	*3.00*	
23 07 19 00-0008	LF	2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	15.95	4.11
		For Work In Restricted Working Space, Add	*3.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0009	LF	2-1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	16.69	4.28
		For Work In Restricted Working Space, Add	*3.20*	
23 07 19 00-0010	LF	3" Diameter Pipe, 1" Thick Calcium Silicate Insulation	17.42	4.39
		For Work In Restricted Working Space, Add	*3.29*	
23 07 19 00-0011	LF	4" Diameter Pipe, 1" Thick Calcium Silicate Insulation	19.87	4.72
		For Work In Restricted Working Space, Add	*3.54*	
23 07 19 00-0012	LF	6" Diameter Pipe, 1" Thick Calcium Silicate Insulation	22.14	5.33
		For Work In Restricted Working Space, Add	*3.99*	
23 07 19 00-0013		**1-1/2" Thick, Calcium Silicate Pipe Insulation** *(23 07 19 00-0001)*		
23 07 19 00-0014	LF	1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	15.28	3.99
		For Work In Restricted Working Space, Add	*2.99*	
23 07 19 00-0015	LF	3/4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	15.36	3.99
		For Work In Restricted Working Space, Add	*2.99*	
23 07 19 00-0016	LF	1" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	16.45	4.23
		For Work In Restricted Working Space, Add	*3.17*	
23 07 19 00-0017	LF	1-1/4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	17.10	4.31
		For Work In Restricted Working Space, Add	*3.23*	
23 07 19 00-0018	LF	1-1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	17.77	4.39
		For Work In Restricted Working Space, Add	*3.29*	
23 07 19 00-0019	LF	2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	19.07	4.63
		For Work In Restricted Working Space, Add	*3.47*	
23 07 19 00-0020	LF	2-1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	19.95	4.71
		For Work In Restricted Working Space, Add	*3.53*	
23 07 19 00-0021	LF	3" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	20.72	4.87
		For Work In Restricted Working Space, Add	*3.65*	
23 07 19 00-0022	LF	4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	23.06	5.27
		For Work In Restricted Working Space, Add	*3.95*	
23 07 19 00-0023	LF	6" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	26.75	6.14
		For Work In Restricted Working Space, Add	*4.61*	
23 07 19 00-0024	LF	8" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	31.31	6.48
		For Work In Restricted Working Space, Add	*4.87*	
23 07 19 00-0025	LF	10" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	39.39	7.76
		For Work In Restricted Working Space, Add	*5.82*	
23 07 19 00-0026	LF	12" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	46.30	9.04
		For Work In Restricted Working Space, Add	*6.78*	
23 07 19 00-0027	LF	14" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	51.56	9.91
		For Work In Restricted Working Space, Add	*7.43*	
23 07 19 00-0028	LF	16" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	61.52	12.62
		For Work In Restricted Working Space, Add	*9.46*	
23 07 19 00-0029	LF	18" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	66.25	13.24
		For Work In Restricted Working Space, Add	*9.93*	
23 07 19 00-0030		**2" Thick, Calcium Silicate Pipe Insulation** *(23 07 19 00-0001)*		
23 07 19 00-0031	LF	1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation	19.33	4.39
		For Work In Restricted Working Space, Add	*3.29*	
23 07 19 00-0032	LF	3/4" Diameter Pipe, 2" Thick Calcium Silicate Insulation	19.79	4.39
		For Work In Restricted Working Space, Add	*3.29*	
23 07 19 00-0033	LF	1" Diameter Pipe, 2" Thick Calcium Silicate Insulation	20.41	4.44
		For Work In Restricted Working Space, Add	*3.33*	
23 07 19 00-0034	LF	1-1/4" Diameter Pipe, 2" Thick Calcium Silicate Insulation	21.22	4.50
		For Work In Restricted Working Space, Add	*3.38*	
23 07 19 00-0035	LF	1-1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation	21.78	4.55
		For Work In Restricted Working Space, Add	*3.41*	
23 07 19 00-0036	LF	2" Diameter Pipe, 2" Thick Calcium Silicate Insulation	22.71	4.72
		For Work In Restricted Working Space, Add	*3.54*	
23 07 19 00-0037	LF	2-1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation	25.34	4.88
		For Work In Restricted Working Space, Add	*3.66*	
23 07 19 00-0038	LF	3" Diameter Pipe, 2" Thick Calcium Silicate Insulation	25.80	5.05
		For Work In Restricted Working Space, Add	*3.79*	
23 07 19 00-0039	LF	4" Diameter Pipe, 2" Thick Calcium Silicate Insulation	28.56	5.33
		For Work In Restricted Working Space, Add	*4.00*	
23 07 19 00-0040	LF	6" Diameter Pipe, 2" Thick Calcium Silicate Insulation	35.00	6.39
		For Work In Restricted Working Space, Add	*4.80*	
23 07 19 00-0041	LF	8" Diameter Pipe, 2" Thick Calcium Silicate Insulation	39.52	6.75
		For Work In Restricted Working Space, Add	*5.06*	
23 07 19 00-0042	LF	10" Diameter Pipe, 2" Thick Calcium Silicate Insulation	48.64	8.07
		For Work In Restricted Working Space, Add	*6.06*	
23 07 19 00-0043	LF	12" Diameter Pipe, 2" Thick Calcium Silicate Insulation	55.78	9.68
		For Work In Restricted Working Space, Add	*7.25*	
23 07 19 00-0044	LF	14" Diameter Pipe, 2" Thick Calcium Silicate Insulation	68.49	13.49
		For Work In Restricted Working Space, Add	*10.12*	
23 07 19 00-0045	LF	16" Diameter Pipe, 2" Thick Calcium Silicate Insulation	72.04	13.49
		For Work In Restricted Working Space, Add	*10.12*	
23 07 19 00-0046	LF	18" Diameter Pipe, 2" Thick Calcium Silicate Insulation	77.20	14.17
		For Work In Restricted Working Space, Add	*10.63*	
23 07 19 00-0047	LF	20" Diameter Pipe, 2" Thick Calcium Silicate Insulation	91.94	16.20
		For Work In Restricted Working Space, Add	*12.15*	
23 07 19 00-0048	LF	24" Diameter Pipe, 2" Thick Calcium Silicate Insulation	107.15	19.56
		For Work In Restricted Working Space, Add	*14.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0049		**2-1/2" Thick, Calcium Silicate Pipe Insulation** *(23 07 19 00-0001)*		
23 07 19 00-0050	LF	1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	23.18	5.05
		For Work In Restricted Working Space, Add	*3.80*	
23 07 19 00-0051	LF	3/4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	23.65	5.05
		For Work In Restricted Working Space, Add	*3.80*	
23 07 19 00-0052	LF	1" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	24.07	5.13
		For Work In Restricted Working Space, Add	*3.86*	
23 07 19 00-0053	LF	1-1/4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	24.29	5.18
		For Work In Restricted Working Space, Add	*3.89*	
23 07 19 00-0054	LF	1-1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	24.90	5.22
		For Work In Restricted Working Space, Add	*3.91*	
23 07 19 00-0055	LF	2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	25.96	5.44
		For Work In Restricted Working Space, Add	*4.07*	
23 07 19 00-0056	LF	2-1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	29.14	5.62
		For Work In Restricted Working Space, Add	*4.22*	
23 07 19 00-0057	LF	3" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	29.63	5.82
		For Work In Restricted Working Space, Add	*4.36*	
23 07 19 00-0058	LF	4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	34.17	6.13
		For Work In Restricted Working Space, Add	*4.60*	
23 07 19 00-0059	LF	6" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	42.49	6.97
		For Work In Restricted Working Space, Add	*5.23*	
23 07 19 00-0060	LF	8" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	48.47	7.77
		For Work In Restricted Working Space, Add	*5.83*	
23 07 19 00-0061	LF	10" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	57.86	8.96
		For Work In Restricted Working Space, Add	*6.72*	
23 07 19 00-0062	LF	12" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	67.40	11.14
		For Work In Restricted Working Space, Add	*8.36*	
23 07 19 00-0063	LF	14" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	74.54	12.16
		For Work In Restricted Working Space, Add	*9.12*	
23 07 19 00-0064	LF	16" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	90.56	15.55
		For Work In Restricted Working Space, Add	*11.66*	
23 07 19 00-0065	LF	18" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	95.63	16.32
		For Work In Restricted Working Space, Add	*12.24*	
23 07 19 00-0066	LF	20" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	110.92	18.66
		For Work In Restricted Working Space, Add	*13.99*	
23 07 19 00-0067	LF	24" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	130.37	22.54
		For Work In Restricted Working Space, Add	*16.90*	
23 07 19 00-0068		**3" Thick, Calcium Silicate Pipe Insulation** *(23 07 19 00-0001)*		
23 07 19 00-0069	LF	1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation	29.18	5.60
		For Work In Restricted Working Space, Add	*4.20*	
23 07 19 00-0070	LF	3/4" Diameter Pipe, 3" Thick Calcium Silicate Insulation	29.28	5.60
		For Work In Restricted Working Space, Add	*4.20*	
23 07 19 00-0071	LF	1" Diameter Pipe, 3" Thick Calcium Silicate Insulation	29.54	5.66
		For Work In Restricted Working Space, Add	*4.25*	
23 07 19 00-0072	LF	1-1/4" Diameter Pipe, 3" Thick Calcium Silicate Insulation	29.85	5.70
		For Work In Restricted Working Space, Add	*4.27*	
23 07 19 00-0073	LF	1-1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation	30.13	5.76
		For Work In Restricted Working Space, Add	*4.32*	
23 07 19 00-0074	LF	2" Diameter Pipe, 3" Thick Calcium Silicate Insulation	31.15	5.97
		For Work In Restricted Working Space, Add	*4.48*	
23 07 19 00-0075	LF	2-1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation	34.52	6.17
		For Work In Restricted Working Space, Add	*4.63*	
23 07 19 00-0076	LF	3" Diameter Pipe, 3" Thick Calcium Silicate Insulation	35.24	6.39
		For Work In Restricted Working Space, Add	*4.80*	
23 07 19 00-0077	LF	4" Diameter Pipe, 3" Thick Calcium Silicate Insulation	41.46	6.76
		For Work In Restricted Working Space, Add	*5.06*	
23 07 19 00-0078	LF	6" Diameter Pipe, 3" Thick Calcium Silicate Insulation	49.16	7.66
		For Work In Restricted Working Space, Add	*5.75*	
23 07 19 00-0079	LF	8" Diameter Pipe, 3" Thick Calcium Silicate Insulation	57.07	8.55
		For Work In Restricted Working Space, Add	*6.41*	
23 07 19 00-0080	LF	10" Diameter Pipe, 3" Thick Calcium Silicate Insulation	67.77	9.86
		For Work In Restricted Working Space, Add	*7.40*	
23 07 19 00-0081	LF	12" Diameter Pipe, 3" Thick Calcium Silicate Insulation	78.34	12.25
		For Work In Restricted Working Space, Add	*9.19*	
23 07 19 00-0082	LF	14" Diameter Pipe, 3" Thick Calcium Silicate Insulation	86.95	13.38
		For Work In Restricted Working Space, Add	*10.04*	
23 07 19 00-0083	LF	16" Diameter Pipe, 3" Thick Calcium Silicate Insulation	101.85	17.10
		For Work In Restricted Working Space, Add	*12.82*	
23 07 19 00-0084	LF	18" Diameter Pipe, 3" Thick Calcium Silicate Insulation	109.79	17.95
		For Work In Restricted Working Space, Add	*13.46*	
23 07 19 00-0085	LF	20" Diameter Pipe, 3" Thick Calcium Silicate Insulation	128.52	20.53
		For Work In Restricted Working Space, Add	*15.40*	
23 07 19 00-0086	LF	24" Diameter Pipe, 3" Thick Calcium Silicate Insulation	152.06	24.80
		For Work In Restricted Working Space, Add	*18.60*	
23 07 19 00-0087		**3-1/2" Thick, Calcium Silicate Pipe Insulation** *(23 07 19 00-0001)*		
23 07 19 00-0088	LF	1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	37.09	6.13
		For Work In Restricted Working Space, Add	*4.60*	
23 07 19 00-0089	LF	3/4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	38.47	6.13
		For Work In Restricted Working Space, Add	*4.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0090	LF	1" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	38.57	6.17
		For Work In Restricted Working Space, Add	*4.63*	
23 07 19 00-0091	LF	1-1/4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	38.68	6.21
		For Work In Restricted Working Space, Add	*4.66*	
23 07 19 00-0092	LF	1-1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	39.88	6.29
		For Work In Restricted Working Space, Add	*4.72*	
23 07 19 00-0093	LF	2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	42.31	6.50
		For Work In Restricted Working Space, Add	*4.88*	
23 07 19 00-0094	LF	2-1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	45.91	6.74
		For Work In Restricted Working Space, Add	*5.05*	
23 07 19 00-0095	LF	3" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	47.55	6.97
		For Work In Restricted Working Space, Add	*5.23*	
23 07 19 00-0096	LF	4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	54.12	7.37
		For Work In Restricted Working Space, Add	*5.53*	
23 07 19 00-0097	LF	6" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	60.39	8.37
		For Work In Restricted Working Space, Add	*6.27*	
23 07 19 00-0098	LF	8" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	73.48	9.32
		For Work In Restricted Working Space, Add	*6.99*	
23 07 19 00-0099	LF	10" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	89.26	10.75
		For Work In Restricted Working Space, Add	*8.07*	
23 07 19 00-0100	LF	12" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	108.08	13.37
		For Work In Restricted Working Space, Add	*10.03*	
23 07 19 00-0101	LF	14" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	113.90	14.59
		For Work In Restricted Working Space, Add	*10.95*	
23 07 19 00-0102	LF	16" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	132.94	18.66
		For Work In Restricted Working Space, Add	*13.99*	
23 07 19 00-0103	LF	18" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	152.57	19.58
		For Work In Restricted Working Space, Add	*14.69*	
23 07 19 00-0104	LF	20" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	164.74	22.40
		For Work In Restricted Working Space, Add	*16.80*	

23 07 19 00-0105 4" Thick, Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

23 07 19 00-0106	LF	1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation	46.26	6.82
		For Work In Restricted Working Space, Add	*5.11*	
23 07 19 00-0107	LF	3/4" Diameter Pipe, 4" Thick Calcium Silicate Insulation	46.31	6.82
		For Work In Restricted Working Space, Add	*5.11*	
23 07 19 00-0108	LF	1" Diameter Pipe, 4" Thick Calcium Silicate Insulation	46.61	6.93
		For Work In Restricted Working Space, Add	*5.20*	
23 07 19 00-0109	LF	1-1/4" Diameter Pipe, 4" Thick Calcium Silicate Insulation	47.88	7.01
		For Work In Restricted Working Space, Add	*5.26*	
23 07 19 00-0110	LF	1-1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation	50.69	7.23
		For Work In Restricted Working Space, Add	*5.42*	
23 07 19 00-0111	LF	2" Diameter Pipe, 4" Thick Calcium Silicate Insulation	51.75	7.45
		For Work In Restricted Working Space, Add	*5.59*	
23 07 19 00-0112	LF	2-1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation	56.47	7.57
		For Work In Restricted Working Space, Add	*5.68*	
23 07 19 00-0113	LF	3" Diameter Pipe, 4" Thick Calcium Silicate Insulation	58.11	7.85
		For Work In Restricted Working Space, Add	*5.89*	
23 07 19 00-0114	LF	4" Diameter Pipe, 4" Thick Calcium Silicate Insulation	65.92	8.29
		For Work In Restricted Working Space, Add	*6.21*	
23 07 19 00-0115	LF	6" Diameter Pipe, 4" Thick Calcium Silicate Insulation	76.24	9.40
		For Work In Restricted Working Space, Add	*7.05*	
23 07 19 00-0116	LF	8" Diameter Pipe, 4" Thick Calcium Silicate Insulation	90.79	10.48
		For Work In Restricted Working Space, Add	*7.86*	
23 07 19 00-0117	LF	10" Diameter Pipe, 4" Thick Calcium Silicate Insulation	104.55	12.11
		For Work In Restricted Working Space, Add	*9.08*	
23 07 19 00-0118	LF	12" Diameter Pipe, 4" Thick Calcium Silicate Insulation	119.15	15.04
		For Work In Restricted Working Space, Add	*11.28*	
23 07 19 00-0119	LF	14" Diameter Pipe, 4" Thick Calcium Silicate Insulation	126.75	16.43
		For Work In Restricted Working Space, Add	*12.32*	
23 07 19 00-0120	LF	16" Diameter Pipe, 4" Thick Calcium Silicate Insulation	150.20	21.00
		For Work In Restricted Working Space, Add	*15.75*	
23 07 19 00-0121	LF	18" Diameter Pipe, 4" Thick Calcium Silicate Insulation	159.72	22.01
		For Work In Restricted Working Space, Add	*16.51*	
23 07 19 00-0122	LF	20" Diameter Pipe, 4" Thick Calcium Silicate Insulation	176.82	25.19
		For Work In Restricted Working Space, Add	*18.89*	

23 07 19 00-0123 Weather-Protective Coating For Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

23 07 19 00-0124	SF	1/4" Thick (Two 1/8" Coats), Weatherproof Coating Over Glass Cloth Mesh (Insulkote ET)	6.11	
		For Work In Restricted Working Space, Add	*1.08*	

23 08 Commissioning of HVAC *(23)*

See CSI section 23 05 93 00-0000 for testing and balancing.

23 09 Instrumentation and Control for HVAC *(23)*

23 09 23 Direct-Digital Control System for HVAC *(23 09)*

23 09 23 11 Control Valves *(23 09 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 11-0001		**Valves With Actuator** *(23 09 23 11)*		
23 09 23 11-0002	EA	1/2" Diameter, 2-Way Bronze Globe Valve With Actuator (Belimo G215+NV24-MFT US)	865.03	16.09
23 09 23 11-0003	EA	3/4" Diameter, 2-Way Bronze Globe Valve With Actuator (Belimo G220+NV24-MFT US)	892.55	21.69
23 09 23 11-0004	EA	1" Diameter, 2-Way Bronze Globe Valve With Actuator (Belimo B225+NV24-MFT US)	975.85	26.25
23 09 23 11-0005	EA	1-1/4" Diameter, 2-Way Bronze Globe Valve With Actuator (Belimo B232+NV24-MFT US)	1,063.01	33.25
23 09 23 11-0006	EA	1-1/2" Diameter, 2-Way Bronze Globe Valve With Actuator (Belimo G240+NV24-MFT US)	1,210.66	38.37
23 09 23 11-0007	EA	2" Diameter, 2-Way Bronze Globe Valve With Actuator (Belimo G250+NV24-MFT US)	1,367.46	45.34
23 09 23 11-0008	EA	2-1/2" Diameter, 2-Way Bronze Globe Valve With Actuator (Belimo G665+GMX24-MFTX1)	2,555.07	90.68
23 09 23 11-0009	EA	3" Diameter, 2-Way Bronze Globe Valve With Actuator (Belimo G680+GMX24-MFTX1)	2,766.74	106.12
23 09 23 11-0010	EA	4" Diameter, 2-Way Bronze Globe Valve With Actuator (Belimo G6100C+GMX24-MFTX1)	3,729.40	155.86
23 09 23 11-0011	EA	5" Diameter, 2-Way Bronze Globe Valve With Actuator (Belimo G6125C+GMX24-MFTX1)	5,487.32	225.25
23 09 23 11-0012	EA	6" Diameter, 2-Way Bronze Globe Valve With Actuator (Belimo G6150C+GMX24-MFTX1)	6,078.07	249.38
23 09 23 11-0013	EA	1/2" Diameter, 3-Way Bronze Globe Valve With Actuator (Belimo G315+NV24-MFT US)	927.87	24.13
23 09 23 11-0014	EA	3/4" Diameter, 3-Way Bronze Globe Valve With Actuator (Belimo G320+NV24-MFT US)	953.35	32.53
23 09 23 11-0015	EA	1" Diameter, 3-Way Bronze Globe Valve With Actuator (Belimo G325+NV24-MFT US)	1,031.14	39.37
23 09 23 11-0016	EA	1-1/4" Diameter, 3-Way Bronze Globe Valve With Actuator (Belimo G332+NV24-MFT US)	1,140.56	49.88
23 09 23 11-0017	EA	1-1/2" Diameter, 3-Way Bronze Globe Valve With Actuator (Belimo G340+NV24-MFT US)	1,467.64	57.55
23 09 23 11-0018	EA	2" Diameter, 3-Way Bronze Globe Valve With Actuator (Belimo G350+NV24-MFT US)	1,626.38	68.01
23 09 23 11-0019	EA	2-1/2" Diameter, 3-Way Bronze Globe Valve With Actuator (Belimo G765+GMX24-MFTX1)	2,866.22	136.03
23 09 23 11-0020	EA	3" Diameter, 3-Way Bronze Globe Valve With Actuator (Belimo G780+GMX24-MFTX1)	3,146.61	159.18
23 09 23 11-0021	EA	4" Diameter, 3-Way Bronze Globe Valve With Actuator (Belimo G7100+2*GMX24-MFTX1)	4,578.13	233.79
23 09 23 11-0022	EA	5" Diameter, 3-Way Bronze Globe Valve With Actuator (Belimo G7125+2*GMX24-MFTX1)	6,640.93	337.87
23 09 23 11-0023	EA	6" Diameter, 3-Way Bronze Globe Valve With Actuator (Belimo G7150+2*GMX24-MFTX1)	7,383.20	374.07
23 09 23 11-0024	EA	1/2" Diameter, Two Way Brass Zone Valve With Actuator (Belimo ZONE215N-35+ZONE24NC)	159.43	16.09
23 09 23 11-0025	EA	3/4" Diameter, Two Way Brass Zone Valve With Actuator (Belimo ZONE220N-50+ZONE24NC)	186.80	21.69
23 09 23 11-0026	EA	1" Diameter, Two Way Brass Zone Valve With Actuator (Belimo ZONE225N-80+ZONE24NC)	235.83	26.25
23 09 23 11-0027	EA	1/2" Diameter, Two Way Brass Zone Valve With Actuator (Belimo ZONE315N-35+ZONE24NC)	192.93	24.13
23 09 23 11-0028	EA	3/4" Diameter, Two Way Brass Zone Valve With Actuator (Belimo ZONE320N-50+ZONE24NC)	223.48	32.53
23 09 23 11-0029	EA	1" Diameter, Two Way Brass Zone Valve With Actuator (Belimo ZONE325N-80+ZONE24NC)	280.10	39.37
23 09 23 11-0030	EA	1/2" Diameter, 2-Way Brass Ball Valve With Actuator (Belimo B215B+LRB24-3)	270.31	16.09
23 09 23 11-0031	EA	3/4" Diameter, 2-Way Brass Ball Valve With Actuator (Belimo B220B+LRB24-3)	319.23	21.69
23 09 23 11-0032	EA	1" Diameter, 2-Way Brass Ball Valve With Actuator (Belimo B225+LRB24-3)	362.39	26.25
23 09 23 11-0033	EA	1-1/4" Diameter, 2-Way Brass Ball Valve With Actuator (Belimo B232+ARB24-3)	471.91	33.25
23 09 23 11-0034	EA	1-1/2" Diameter, 2-Way Brass Ball Valve With Actuator (Belimo B240+ARB24-3)	486.28	38.37
23 09 23 11-0035	EA	2" Diameter, 2-Way Brass Ball Valve With Actuator (Belimo B250+ARB24-3)	621.15	45.34
23 09 23 11-0036	EA	2-1/2" Diameter, 2-Way Brass Ball Valve With Actuator (Belimo B265+ARB24-3)	1,337.51	90.68
23 09 23 11-0037	EA	3" Diameter, 2-Way Brass Ball Valve With Actuator (Belimo B280+ARB24-3)	1,570.52	106.12
23 09 23 11-0038	EA	1/2" Diameter, 3-Way Brass Ball Valve With Actuator (Belimo B315B+LRB24-3)	325.36	24.13
23 09 23 11-0039	EA	3/4" Diameter, 3-Way Brass Ball Valve With Actuator (Belimo B320B+LRB24-3)	374.10	32.53
23 09 23 11-0040	EA	1" Diameter, 3-Way Brass Ball Valve With Actuator (Belimo B325+LRB24-3)	484.04	39.37
23 09 23 11-0041	EA	1-1/4" Diameter, 3-Way Brass Ball Valve With Actuator (Belimo B331+ARB24-3)	689.61	49.88
23 09 23 11-0042	EA	1-1/2" Diameter, 3-Way Brass Ball Valve With Actuator (Belimo B341+ARB24-3)	724.65	57.55
23 09 23 11-0043	EA	2" Diameter, 3-Way Brass Ball Valve With Actuator (Belimo B352+ARB24-3)	964.26	68.01
23 09 23 11-0044	EA	2" Diameter, 2-Way Butterfly Valve With Actuator (Belimo F650HD+AMB24-3X1)	774.34	83.13
23 09 23 11-0045	EA	2-1/2" Diameter, 2-Way Butterfly Valve With Actuator (Belimo F665HD+AMB24-3X1)	811.47	90.68
23 09 23 11-0046	EA	3" Diameter, 2-Way Butterfly Valve With Actuator (Belimo F680HD+GMB24-3X1)	1,073.03	106.12
23 09 23 11-0047	EA	4" Diameter, 2-Way Butterfly Valve With Actuator (Belimo F6100HD+2*GMB24-3X1)	1,630.74	178.13
23 09 23 11-0048	EA	5" Diameter, 2-Way Butterfly Valve With Actuator (Belimo F6125HD+SY2-24)	3,346.51	225.25
23 09 23 11-0049	EA	6" Diameter, 2-Way Butterfly Valve With Actuator (Belimo F6150HD+SY3-24)	3,525.06	249.38
23 09 23 11-0050	EA	8" Diameter, 2-Way Butterfly Valve With Actuator (Belimo F6200HD+SY4-24)	4,820.94	285.01
23 09 23 11-0051	EA	10" Diameter, 2-Way Butterfly Valve With Actuator (Belimo F6250HD+SY4-24)	5,915.13	349.14
23 09 23 11-0052	EA	12" Diameter, 2-Way Butterfly Valve With Actuator (Belimo F6300HS+SY4-24)	7,314.26	423.20
23 09 23 11-0053	EA	14" Diameter, 2-Way Butterfly Valve With Actuator (Belimo F6350HD+SY5-24)	8,114.13	498.76
23 09 23 11-0054	EA	16" Diameter, 2-Way Butterfly Valve With Actuator (Belimo F6400HD+SY6-110)	10,784.15	548.64
23 09 23 11-0055	EA	18" Diameter, 2-Way Butterfly Valve With Actuator (Belimo F6450HD+SY8-110)	13,096.80	609.49
23 09 23 11-0056	EA	2" Diameter, 3-Way Butterfly Valve With Actuator (Belimo F750HD+AMB24-3X1)	1,444.77	124.69
23 09 23 11-0057	EA	2-1/2" Diameter, 3-Way Butterfly Valve With Actuator (Belimo F765HD+GMB24-3X1)	1,707.16	136.03
23 09 23 11-0058	EA	3" Diameter, 3-Way Butterfly Valve With Actuator (Belimo F780HD+2*GMB24-3X1)	2,111.77	159.18
23 09 23 11-0059	EA	4" Diameter, 3-Way Butterfly Valve With Actuator (Belimo F7100HD+2*GMB24-3X1)	2,678.56	267.19
23 09 23 11-0060	EA	5" Diameter, 3-Way Butterfly Valve With Actuator (Belimo F7125HD+SY3-24)	5,587.85	337.87
23 09 23 11-0061	EA	6" Diameter, 3-Way Butterfly Valve With Actuator (Belimo F7150HD+SY3-24)	5,773.58	374.07
23 09 23 11-0062	EA	8" Diameter, 3-Way Butterfly Valve With Actuator (Belimo F7200HD+SY4-24)	7,299.74	427.56
23 09 23 11-0063	EA	10" Diameter, 3-Way Butterfly Valve With Actuator (Belimo F7250HD+SY4-24)	9,683.19	523.70
23 09 23 11-0064	EA	12" Diameter, 3-Way Butterfly Valve With Actuator (Belimo F7300HD+SY5-24)	11,770.75	634.79
23 09 23 11-0065	EA	14" Diameter, 3-Way Butterfly Valve With Actuator (Belimo F7350HD+SY6-110)	18,487.33	748.14
23 09 23 11-0066	EA	16" Diameter, 3-Way Butterfly Valve With Actuator (Belimo F7400HD+SY7-110)	20,619.85	822.96
23 09 23 11-0067	EA	18" Diameter, 3-Way Butterfly Valve With Actuator (Belimo F7450HD+SY8-110)	31,908.58	914.23
23 09 23 11-0068		**Valve Actuators** *(23 09 23 11)*		
23 09 23 11-0069	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Terminal Strip, 90 Seconds Run Time, 45 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3-T)	508.46	103.02
23 09 23 11-0070	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 95 Seconds Run Time, 45 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3)	517.15	103.02
23 09 23 11-0071	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, Terminal Strip, 90 Seconds Run Time, 45 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-SR-T)	616.65	103.02
23 09 23 11-0072	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Auxiliary Switch, 90 Seconds Run Time, 45 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3-S)	589.37	103.02
23 09 23 11-0073	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 90 Seconds Run Time, 45 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-SR)	602.05	103.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 11-0074	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, 150 Seconds Run Time, 45 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-MFT)	685.38	103.02
23 09 23 11-0075	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 2.5 Seconds Run Time, 35 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRQX24-1)	785.06	103.02
23 09 23 11-0076	EA	24 Volt AC/DC Power Supply, 0-135 Ohms Control Input, 150 Seconds Run Time, 45 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-MFT95)	802.24	103.02
23 09 23 11-0077	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, 2.5 Seconds Run Time, 35 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRQX24-MFT)	843.67	103.02
23 09 23 11-0078	EA	120 Volt AC Power Supply, On/Off/Floating Point Control Input, 90 Seconds Run Time, 45 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX120-3)	599.10	103.02
23 09 23 11-0079	EA	120 Volt AC Power Supply, 2-10 Volt DC Control Input, 90 Seconds Run Time, 45 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX120-SR)	686.02	103.02
23 09 23 11-0080	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Terminal Strip, 300, 150, Or 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3-T)	644.10	103.02
23 09 23 11-0081	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3)	656.82	103.02
23 09 23 11-0082	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARB24-3-5-14)	661.57	103.02
23 09 23 11-0083	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Auxiliary Switch, 300, 150, Or 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3-S)	748.06	103.02
23 09 23 11-0084	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR-T)	785.35	103.02
23 09 23 11-0085	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR)	805.16	103.02
23 09 23 11-0086	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, Variable Run Time (90 To 350 Seconds), 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT)	801.22	103.02
23 09 23 11-0087	EA	24 Volt AC/DC Power Supply, Phasecut Control Input, 95 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-PC)	813.91	103.02
23 09 23 11-0088	EA	24 Volt AC/DC Power Supply, 0-135 Ohms Control Input, 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT95)	813.11	103.02
23 09 23 11-0089	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, NEMA 4X, 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR-T N4)	895.40	103.02
23 09 23 11-0090	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, NEMA 4X, Variable Run Time (75 To 350 Seconds), 160 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT-T N4)	1,103.52	103.02
23 09 23 11-0091	EA	100-240 Volt AC Power Supply, On/Off/Floating Point Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX120-3)	705.20	103.02
23 09 23 11-0092	EA	100-240 Volt AC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX120-SR)	857.57	103.02
23 09 23 11-0093	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 15 Seconds Run Time, 801 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY2-24)	2,052.47	103.02
23 09 23 11-0094	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 22 Seconds Run Time, 1,335 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY3-24)	2,312.70	103.02
23 09 23 11-0095	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 16 Seconds Run Time, 3,560 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY4-24)	2,794.32	103.02
23 09 23 11-0096	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 22 Seconds Run Time, 4,450 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY5-24)	3,177.55	103.02
23 09 23 11-0097	EA	120 Volt AC Power Supply, On/Off Control Input, 28 Seconds Run Time, 5,785 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY6-110)	3,778.18	103.02
23 09 23 11-0098	EA	120 Volt AC Power Supply, On/Off Control Input, 46 Seconds Run Time, 8,900 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY7-110)	4,466.90	103.02
23 09 23 11-0099	EA	120 Volt AC Power Supply, On/Off Control Input, 46 Seconds Run Time, 13,350 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY8-110)	6,050.60	103.02
23 09 23 11-0100	EA	120 Volt AC Power Supply, On/Off Control Input, 58 Seconds Run Time, 17,800 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY9-110)	7,406.56	103.02

23 09 23 12 Control Dampers *(23 09 23)*

23 09 23 12-0001 Rectangular Galvanized Volume Control Dampers *(23 09 23 12)*

Note: Excludes actuators.

23 09 23 12-0002	EA	8" x 8" Low Leakage Volume Control Damper (Johnson Controls VOPSN-008X008)	226.95	42.14
23 09 23 12-0003	EA	10" x 10" Low Leakage Volume Control Damper (Johnson Controls VOPSN-010X010)	255.94	46.21
23 09 23 12-0004	EA	12" x 12" Low Leakage Volume Control Damper (Johnson Controls VOPSN-012X012)	286.24	50.97
23 09 23 12-0005	EA	14" x 14" Low Leakage Volume Control Damper (Johnson Controls VOPSN-014X014)	330.88	59.81
23 09 23 12-0006	EA	16" x 16" Low Leakage Volume Control Damper (Johnson Controls VOPSN-016X016)	374.14	67.97
23 09 23 12-0007	EA	18" x 18" Low Leakage Volume Control Damper (Johnson Controls VOPSN-018X018)	377.65	76.46
23 09 23 12-0008	EA	20" x 20" Low Leakage Volume Control Damper (Johnson Controls VOPSN-020X020)	464.35	84.96
23 09 23 12-0009	EA	24" x 24" Low Leakage Volume Control Damper (Johnson Controls VOPSN-024X024)	554.50	101.94
23 09 23 12-0010	EA	32" x 32" Low Leakage Volume Control Damper (Johnson Controls VOPSN-032X032)	713.21	118.93
23 09 23 12-0011	EA	48" x 48" Low Leakage Volume Control Damper (Johnson Controls VOPSN-048X048)	1,062.93	135.92
23 09 23 12-0012	EA	60" x 60" Low Leakage Volume Control Damper (Johnson Controls VOPSN-060X060)	1,958.83	152.91
23 09 23 12-0013	EA	72" x 72" Low Leakage Volume Control Damper (Johnson Controls VOPSN-072X072)	2,490.62	169.91

23 09 23 12-0014 Round Galvanized Control Dampers *(23 09 23 12)*

Note: Excludes actuators.

23 09 23 12-0015	EA	6" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG06)	219.87	47.58
23 09 23 12-0016	EA	8" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG08)	226.78	50.97
23 09 23 12-0017	EA	10" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG10)	236.78	50.97
23 09 23 12-0018	EA	12" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG12)	262.74	57.77
23 09 23 12-0019	EA	14" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG14)	299.81	57.77
23 09 23 12-0020	EA	16" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG16)	324.70	67.97
23 09 23 12-0021	EA	18" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG18)	436.44	71.54
23 09 23 12-0022	EA	20" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG20)	456.38	74.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 12-0023	EA	22" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG22)	484.14	79.94
23 09 23 12-0024	EA	24" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG24)	512.48	85.72
23 09 23 12-0025		**Remote Damper Control** *(23 09 23 12)*		
23 09 23 12-0026	EA	Remote Cable Control Concealed Ceiling Regulator For Damper (Young Regulator Co. 270-301B)	324.35	
		For Each 10' Flexible Casing And Wire, Add	*43.69*	
23 09 23 12-0027	EA	Remote Cable Control Concealed Ceiling Regulator For Damper (Young Regulator Co. 270-275B)	315.41	
		For Each 10' Flexible Casing And Wire, Add	*43.69*	
23 09 23 12-0028		**Control Damper Actuators** *(23 09 23 12)*		
23 09 23 12-0029	EA	44 IN-Lb., 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo LMB24-SR)	609.99	112.30
23 09 23 12-0030	EA	90 IN-Lb., 24 Volt AC/DC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo NMB24-SR)	664.72	112.30
23 09 23 12-0031	EA	90 IN-Lb., 2 Position, 24 To 240 Volt AC Spring Return Direct Coupled Control Damper Actuator (Belimo NFBUP)	754.38	112.30
23 09 23 12-0032	EA	175 IN-Lb., 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo AMB24-SR)	797.22	112.30
23 09 23 12-0033	EA	90 IN-Lb., 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Spring Return Direct Coupled Control Damper Actuator (Belimo NFB24-SR)	822.65	112.30
23 09 23 12-0034	EA	360 IN-Lb., 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo GMB24-SR)	922.61	112.30
23 09 23 13		**Energy Meters** *(23 09 23)*		
23 09 23 13-0001		**Surge Protectors** *(23 09 23 13)*		
23 09 23 13-0002	EA	Surge Protector, T100's, Summit, BCU, UPCM, PCM, TCM (Transtector TR2255)	375.13	10.50
23 09 23 13-0003	EA	Surge Protector, 1AC Outlet (Transtector TR2251)	283.07	10.50
23 09 23 13-0004	EA	Surge Protector, 2 AC Outlets (Transtector TR2254)	441.48	10.50
23 09 23 13-0005	EA	Surge Protector, DB-15 Connection (Transtector TR2259-DLP15)	238.12	10.50
23 09 23 13-0006	EA	Surge Protector, DB-25 Connection (Transtector TR2259-DLP25)	238.12	10.50
23 09 23 13-0007	EA	Surge Protector, DB-9 Connection (Transtector TR2259-DLP9)	238.12	10.50
23 09 23 13-0008	EA	Surge Protector, Individual Wire Connection (Transtector TR2258)	345.17	10.50
23 09 23 13-0009	EA	Surge Protector, Trane Communication Links (Transtector TR2257)	212.43	10.50
23 09 23 14		**Flow Instruments** *(23 09 23)*		
23 09 23 14-0001		**Water Flow Meters** *(23 09 23 14)*		
23 09 23 14-0002	EA	Insertion Electromagnetic Water Flow Meter (Onicon F-3500) Note: Excludes pipe fittings.	5,605.16	110.18
23 09 23 14-0003		**Air Flow Monitoring Stations** *(23 09 23 14)*		
23 09 23 14-0004	EA	Analog Transmitter, 2 Point, 3 Sensor Air Flow Monitoring Station (Ebtron GTA116) Note: 10' cable, 36" x 24" typical duct size.	4,415.52	130.49
23 09 23 14-0005	EA	Analog Transmitter, 3 Point, 4 Sensor Air Flow Monitoring Station (Ebtron GTA116) Note: 10' cable, 48" x 36" typical duct size.	6,337.90	130.49
23 09 23 14-0006	EA	Analog Transmitter, 4 Point, 4 Sensor Air Flow Monitoring Station (Ebtron GTA116) Note: 10' cable, 60" x 48" typical duct size.	7,886.79	130.49
23 09 23 16		**Gas Instruments** *(23 09 23)*		
23 09 23 16-0001		**Gas Sensors** *(23 09 23 16)*		
23 09 23 16-0002	EA	6-1/4" x 6-1/8" CO2 Sensor, 0-2,000 ppm (Kele WCO-1B)	2,328.64	62.95
23 09 23 16-0003	EA	Wall Mounted CO2 Sensor, 0-2,000 ppm With LCD Display (Kele CD-AW-LCD)	1,027.84	41.97
23 09 23 16-0004	EA	CO Monitor/Transmitter, 0 To 250 ppm (Kele GMT-CO-S2) Note: Solid state sensor.	1,849.97	62.95
23 09 23 16-0005	EA	CO2 Transmitter, Duct Mount, No Display, 0-10 Volt DC Out, 24 Volt AC/Volt DC, 0-10 Or 4-20mA, 0-2,000 ppm Range With CD-AD Duct Probe Assembly (CDE CD-AD-LCD; CD-AD)	1,002.24	75.55
23 09 23 19		**Moisture Instruments** *(23 09 23)*		
23 09 23 19-0001		**Relative Humidity Sensors** *(23 09 23 19)*		
23 09 23 19-0002	EA	3% Duct Mounted RH Sensor (Kele HD30K)	622.73	75.55
23 09 23 19-0003	EA	10K Ohm Thermistor 3% Duct Mounted RH Sensor (Kele HD30K-T3)	639.83	75.55
23 09 23 19-0004	EA	3% RH Outdoor Air Sensor (Kele HO30K)	723.40	104.92
23 09 23 19-0005	EA	2% Surface Mounted RH Transmitter (Kele HW20K)	564.90	41.97
23 09 23 21		**Motion Instruments** *(23 09 23)*		
23 09 23 21-0001		**Peco Motion Sensors** *(23 09 23 21)*		
23 09 23 21-0002	EA	Ceiling Mount Passive Infrared, 24 Volt, Slave Motion Sensor (Peco SA200-001)	205.99	29.51
23 09 23 21-0003	EA	Wall/Ceiling Mount Passive Infrared, 24 Volt, Slave Motion Sensor (Peco SB200-001)	201.91	29.51
23 09 23 21-0004	EA	Wall/Ceiling Passive Infrared, 24 Volt, Master Motion Sensor (Peco SD200-001)	270.35	29.51
23 09 23 21-0005	EA	Wall/Ceiling Mount, Passive Infrared, 24 Volt, Master Time Sensor (Peco SD200-002)	240.14	29.51
23 09 23 21-0006	EA	Door Switch Occupancy Sensor (Peco SE200-001)	74.18	29.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 21-0007	EA	Window Switch Occupancy Sensor (Peco SE200-002)	68.56	29.51
23 09 23 21-0008	EA	Power Pack And Controller (Peco SF200-001)	126.43	29.51
23 09 23 23		**Pressure Instruments** *(23 09 23)*		
23 09 23 23-0001		Pressure Sensors *(23 09 23 23)*		
23 09 23 23-0002	EA	0 To 0.5" W.C., Differential Pressure Transmitters With NEMA 1 Case (Kele T30-005)	831.13	88.61
23 09 23 23-0003	EA	0 To 5" W.C., Differential Pressure Transmitters With NEMA 1 Case (Kele T30-050)	739.27	88.61
23 09 23 23-0004	EA	0.05 To 12" W.C., Adjustable Differential Pressure Switches (Kele AFS-222)	294.79	88.61
23 09 23 23-0005	EA	0.05 To 2" W.C., Adjustable Differential Pressure Switches (Kele AFS-262)	305.46	88.61
23 09 23 23-0006	EA	0.4 To 2" W.C., Manual Reset Adjustable Differential Pressure Switches (Kele AFS-460)	326.35	88.61
23 09 23 23-0007	EA	0.05 To 12" W.C., 1/8" NPT, Adjustable Differential Pressure Switches (Kele AFS-145)	302.37	88.61
23 09 23 23-0008	EA	0 To 100 psid, Bypass Valve Assembly Option, Water Differential Pressure Transmitter (Kele 360C-P210D-BVA) Note: Excludes pipe fittings.	3,068.40	88.61
23 09 23 23-0009	EA	0 To 60 psid, Bypass Valve Assembly Option, Water Differential Pressure Transmitter (Kele 360C-P160D-BVA) Note: Excludes pipe fittings.	3,068.40	88.61
23 09 23 23-0010	EA	Magnahelic Gauge	800.07	54.17
23 09 23 27		**Temperature Instruments** *(23 09 23)*		
23 09 23 27-0001		Air Temperature Sensors *(23 09 23 27)*		
23 09 23 27-0002	EA	10K Ohm Thermistor Duct Temperature Sensor (Kele ST-D24)	228.79	75.55
23 09 23 27-0003	EA	10K Ohm Thermistor Duct Temperature Sensor, 1/2" LB Conduit Fitting (Kele ST-D24-XCO)	320.65	75.55
23 09 23 27-0004	EA	10K Ohm Thermistor Duct Temperature Sensor With Greenfield Fitting (Kele ST-D24-XG)	239.36	75.55
23 09 23 27-0005	EA	10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing (Kele ST-D24-XH)	250.20	75.55
23 09 23 27-0006	EA	10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing, 18" Probe (Kele ST-D24-XH-XL18)	253.80	75.55
23 09 23 27-0007	EA	10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing, 6" Probe (Kele ST-D24-XH-XL6)	250.24	75.55
23 09 23 27-0008	EA	10K Ohm Thermistor Duct Temperature Sensor With Non-Metallic Handibox Housing (Kele ST-D24-XHP)	252.16	75.55
23 09 23 27-0009	EA	10K Ohm Thermistor Duct Temperature Sensor With 4" Probe (Kele ST-D24-XL4)	270.41	75.55
23 09 23 27-0010	EA	10K Ohm Thermistor Duct Temperature Sensor With Weatherproof Housing (Kele ST-D24-XW)	286.35	75.55
23 09 23 27-0011	EA	10K Ohm Thermistor Outdoor Air Temperature Sensor (Kele ST-O24)	346.76	104.92
23 09 23 27-0012	EA	10K Ohm Thermistor Outdoor Air Temperature Sensor With 25' Lead (Kele ST-O24-XC25)	359.03	104.92
23 09 23 27-0013	EA	Delta Style Surface Mounted 10K Ohm Thermistor Room Temperature Sensor (Kele BA/10K3-R-N-DF)	156.81	41.97
23 09 23 27-0014	EA	Delta Style Surface Mounted AD592 Room Temperature Sensor (Kele BA/592-10K-R)	161.33	41.97
23 09 23 27-0015	EA	Stainless Steel Plate 1K Ohm Room Temperature Sensor (Kele BA/1K8-SP)	149.47	41.97
23 09 23 27-0016		Water Temperature Sensors *(23 09 23 27)*		
23 09 23 27-0017	EA	5" Immersion 20K Ohm Water Temp Sensor (Honeywell C7041D2001)	184.37	81.19
23 09 23 27-0018	EA	Strap-On 20K Ohm Water Temp Sensor (Honeywell C7041K2005)	418.36	81.19
23 09 23 27-0019		Peco Thermostats *(23 09 23 27)*		
23 09 23 27-0020	EA	3 Heating Stage, 2 Cooling Stage Programmable Thermostat With Humidification/Dehumidification Control (Peco T12532-IAQ)	431.56	19.67
23 09 23 27-0021	EA	3 Heating Stage, 2 Cooling Stage Programmable Thermostat (Peco T12532-001)	384.76	19.67
23 09 23 53		**Proprietary Control Systems** *(23 09 23)*		
23 09 23 53-0001		EMCS General Costs *(23 09 23 53)*		
23 09 23 53-0002		EMCS System Design Services *(23 09 23 53-0001)* Note: Hourly labor rates for use with Site Inspection, Project Management, Engineering, Design, Programming, Training and Technical Support.		
23 09 23 53-0003	HR	EMCS Site Inspection Of Existing Facilities	242.64	
23 09 23 53-0004	HR	EMCS Engineering Project Management	242.64	
23 09 23 53-0005	HR	EMCS System Engineering, Schematic Design And Layout	255.76	
23 09 23 53-0006	HR	EMCS System Software Programming And Graphics Programming	209.86	
23 09 23 53-0007	HR	EMCS Graphics Picture Creation	219.69	
23 09 23 53-0008	HR	EMCS System Controls Training	229.53	
23 09 23 53-0009	HR	EMCS On Site System Diagnostics Field Technician	236.09	
23 09 23 53-0010	HR	EMCS Remote Technical Support Using Phone Or Internet	203.29	
23 09 23 53-0011	HR	EMCS Travel Time (All Personnel)	196.74	
23 09 23 53-0012		Field Tests, Checkout And Commissioning *(23 09 23 53-0001)* Note: A point is defined as any transmitter, switch, actuator, sensor or device (starter, VFD, controller, fan, electric coil, actuator, valve, etc.) that is monitored or controlled by the EMCS system. Most devices count as 1 point. Actuators, valves and thermostats count as 2 points.		
23 09 23 53-0013	PNT	EMCS Field Test Note: Priced per point.	172.21	
23 09 23 53-0014	PNT	EMCS Field Checkout And Startup Note: Priced per point.	172.21	
23 09 23 53-0015	PNT	EMCS Field Commissioning Note: Priced per point.	172.21	
23 09 23 53-0016	EA	EMCS Field Balance Support Note: Priced per controller.	147.55	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0017			**EMCS System Engineering/Submittal Design And Layout** *(23 09 23 53-0001)* Note: A point is defined as any transmitter, switch, actuator, sensor or device (starter, VFD, controller, fan, electric coil, actuator, valve, etc.) that is monitored or controlled by the EMCS system. Most devices count as 1 point. Actuators, valves and thermostats count as 2 points.		
23 09 23 53-0018		PNT	EMCS System Engineering/Submittal Design And Layout Note: Priced per point.	57.44	
23 09 23 53-0019			**Alerton Controls** *(23 09 23 53)*		
23 09 23 53-0020		EA	50 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-SMALL)	15,579.35	
23 09 23 53-0021		EA	150 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-MEDIUM)	20,646.30	
23 09 23 53-0022		EA	Dashboard Option, 150 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-MEDIUM)	55,643.33	
23 09 23 53-0023		EA	Unlimited Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-LARGE)	41,188.04	
23 09 23 53-0024		EA	Dashboard Option, Unlimited Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-LARGE)	109,660.45	
23 09 23 53-0025		EA	Unlimited Devices, SQL Derver Interface, Unlimited WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-ENTERPRISE)	86,013.12	
23 09 23 53-0026		EA	Dashboard Option, Unlimited Devices, SQL Derver Interface, Unlimited WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-ENTERPRISE)	132,484.56	
23 09 23 53-0027		EA	Alerton Building Suite Tech License (Alerton ABS-3-TECH)	3,452.15	
23 09 23 53-0028		EA	Enterprise Edition With SQL Server Support, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-ENT1)	48,887.37	
23 09 23 53-0029		EA	Unlimited Controllers, Unlimited Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-LRG)	35,170.06	
23 09 23 53-0030		EA	150 Controllers, 3 Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-MED)	20,539.81	
23 09 23 53-0031		EA	50 Controllers, 1 Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-SM)	11,843.79	
23 09 23 53-0032		EA	10 Controllers, 1 Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-XS)	4,320.41	
23 09 23 53-0033		EA	1 Ethernet, 1 MS/TP, BACtalk Control Module (Alerton 715000100)	8,573.31	314.78
23 09 23 53-0034		EA	Foreign Protocol Converter For P1 Systems, BACtalk Control Module (Alerton BCM-FPCS)	12,813.70	419.71
23 09 23 53-0035		EA	Modbus Gateway, BACtalk Control Module (Alerton BCM-MDBS)	12,628.06	419.71
23 09 23 53-0036		EA	V.90/56K Modem, BACtalk Control Module (Alerton BCM-MDM)	4,084.54	314.78
23 09 23 53-0037		EA	1 MS/TP, BACtalk Control Module (Alerton 715000300)	5,172.51	314.78
23 09 23 53-0038		EA	Power Supply, BACtalk Control Module (Alerton BCM-PWS)	3,749.78	314.78
23 09 23 53-0039		EA	1 TUX Trunk, BACtalk Control Module (Alerton BCM-TUX)	4,922.97	314.78
23 09 23 53-0040		EA	Web Server And Configurator CD, BACtalk Control Module (Alerton BCM-WEB)	13,092.48	314.78
23 09 23 53-0041		EA	BACtalk Field Level Gateway For Modbus (Alerton FLG-MODBUS)	5,073.28	419.71
23 09 23 53-0042		EA	EXP BACnet Controller (Alerton VLX)	11,432.31	839.41
23 09 23 53-0043		EA	VLX BACnet High Performance Controller (Alerton VLX-PLATINUM)	13,813.66	839.41
23 09 23 53-0044		EA	Multiple Segment MS/TP Repeater (Alerton MSTP-REP)	1,880.90	93.46
23 09 23 53-0045		EA	4 Inputs, 2 Flow Transducers, 4 Ground-Switching Binary Triac Outputs, Dual-Duct VAV Controller (Alerton VAV-DD)	3,133.55	314.78
23 09 23 53-0046		EA	4 Inputs, 2 Flow Transducers, 3 Binary Triac Outputs, 4 Ground-Switching Binary Triac Outputs, Dual-Duct VAV Controller (Alerton VAV-DD7)	3,384.63	314.78
23 09 23 53-0047		EA	4 Inputs, 1 Flow Transducers, 3 Hot-Switching Binary Triac Outputs, 2 Ground-Switching Binary Triac Outputs, Single-Duct VAV Controller (Alerton VAV-SD)	2,517.31	314.78
23 09 23 53-0048		EA	4 Universal Inputs, 5 Binary Outputs, 2 Analog Outputs, Single-Duct VAV Controller (Alerton VAV-SD2A)	2,867.29	314.78
23 09 23 53-0049		EA	5 Universal Inputs, 6 Binary Outputs, Integral Honeywell Actuator, Single-Duct VAV Controller (Alerton VAViH-SD)	2,852.07	314.78
23 09 23 53-0050		EA	11 Inputs, 8 Binary Triac Outputs, 8 Analog Outputs, BACtalk Field Controller For Central Plant Systems (Alerton VLC-1188)	4,860.59	314.78
23 09 23 53-0051		EA	16 Inputs, BACtalk Field Controller (Alerton VLC-1600)	3,477.45	314.78
23 09 23 53-0052		EA	16 Inputs, 16 Binary Triac Outputs, BACtalk Field Controller (Alerton VLC-16160)	5,400.45	419.71
23 09 23 53-0053		EA	4 Universal Inputs, 4 Binary Outputs, 4 Analog Outputs, Field Controller (Alerton VLC-444)	2,307.65	209.86
23 09 23 53-0054		EA	5 Inputs, 5 Binary Outputs, BACtalk Field Controller (Alerton VLC-550)	2,207.20	209.86
23 09 23 53-0055		EA	6 Inputs, 2 Binary Triac Outputs, 3 Isolated Relay Outputs, BACtalk Field Controller (Alerton VLC-651R)	2,890.09	314.78
23 09 23 53-0056		EA	6 Inputs, 3 Binary Triac Outputs, 3 Isolated Relay Outputs, BACtalk Field Controller (Alerton VLC-660R)	2,890.09	314.78
23 09 23 53-0057		EA	8 Inputs, 5 Binary Triac Outputs, 3 Analog Outputs, BACtalk Field Controller (Alerton VLC-853)	3,701.11	314.78
23 09 23 53-0058		EA	16 Universal Inputs, 8 Binary Outputs, 8 Analog Outputs, Field Controller (Alerton VLCA-1688)	8,064.79	419.71
23 09 23 53-0059		EA	2 Fixed Inputs, 3 Universal Inputs, 6 Binary Outputs, 2 Analog Outputs, VisualLogic Display Controller (Alerton VLD-362)	3,034.65	314.78
23 09 23 53-0060		EA	Wireless Door Contact Sensor (Alerton AL-OC-DS)	239.47	11.80
23 09 23 53-0061		EA	One-Speed BACtalk Microset Wall Sensor (Alerton MS-1010-BT)	416.59	11.80
23 09 23 53-0062		EA	One-Speed BACtalk Microset Wall Sensor With RH Sensor (Alerton MS-1010H-BT)	1,134.78	11.80
23 09 23 53-0063		EA	Three-Speed BACtalk Microset Wall Sensor (Alerton MS-1030-BT)	1,134.78	11.80
23 09 23 53-0064		EA	Three-Speed BACtalk Microset Wall Sensor With RH Sensor (Alerton MS-1030H-BT)	873.09	11.80
23 09 23 53-0065		EA	BACnet-Compliant Wall Sensor (Alerton TS-1050-BT)	264.45	11.80
23 09 23 53-0066		EA	Wireless Temperature And Humidity Sensor (Alerton WTS-1000-KIT)	1,200.23	11.80
23 09 23 53-0067		EA	Wireless Temperature And Humidity Sensor With Temperature Adjustment Knob And Manual Override (Alerton WTS-1050-KIT)	1,352.41	11.80
23 09 23 53-0068		EA	10 12-Bit Inputs, 12 Binary Triac Outputs Expansion Module (Alerton EXP-10-12-0)	4,845.37	314.78
23 09 23 53-0069		EA	10 12-Bit Inputs, 4 Binary Triac Outputs Expansion Module (Alerton EXP-10-4-8)	5,219.67	314.78
23 09 23 53-0070		EA	22 12-Bit Inputs Expansion Module (Alerton EXP-22-0-0)	4,897.11	314.78
23 09 23 53-0071		EA	50 Devices, Ascent Compass 1 Software, Small License (Alerton Compass-1-SM)	11,257.06	
23 09 23 53-0072		EA	Global Controller Base Unit (Alerton ACM)	6,135.35	314.78
23 09 23 53-0073		EA	External Battery Pack For ACM (Alerton ACM-BATT)	1,332.78	175.09
23 09 23 53-0074		EA	Licenses The ACM For Capacity Of 32 Directly Connected Devices (Alerton ACM032)	1,098.62	
23 09 23 53-0075		EA	Microset 4 Wall Sensor (Alerton MS4-THC)	1,257.92	11.80
23 09 23 53-0076			**Automated Logic Controls** *(23 09 23 53)*		
23 09 23 53-0077		EA	0 Digital Outputs, 8 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M0100)	5,601.09	314.78
23 09 23 53-0078		EA	0 Digital Outputs, 32 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M0320)	11,691.85	944.35
23 09 23 53-0079		EA	2 Digital Outputs, 2 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M220nx)	3,525.54	314.78
23 09 23 53-0080		EA	4 Digital Outputs, 10 Universal Inputs, 6 Analog Outputs Standalone Control Module (Automated Logic M4106nx)	8,294.22	419.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0081	EA	8 Digital Outputs, 10 Universal Inputs, 2 Analog Outputs Standalone Control Module (Automated Logic M8102nx)	8,139.33	419.71
23 09 23 53-0082	EA	16 Digital Outputs, 16 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M16160)	12,561.24	839.41
23 09 23 53-0083	EA	8 Digital Outputs, 8 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M880nx)	7,132.53	419.71
23 09 23 53-0084	EA	0 Digital Outputs, 32 Universal Inputs, 0 Analog Outputs Expander Control Module (Automated Logic MX0320)	7,521.75	314.78
23 09 23 53-0085	EA	16 Digital Outputs, 16 Universal Inputs, 0 Analog Outputs Expander Control Module (Automated Logic MX16160)	11,631.89	839.41
23 09 23 53-0086	EA	No Display, Interior Wall Mounted, Standalone Controller For Heat Pumps, Fan Coil Units And Other Packaged HVAC Equipment (Automated Logic RC642)	2,048.05	209.86
23 09 23 53-0087	EA	With Display, Interior Wall Mounted, Standalone Controller For Heat Pumps, Fan Coil Units And Other Packaged HVAC Equipment (Automated Logic RC642D)	2,188.81	209.86
23 09 23 53-0088	EA	3 Digital Outputs, 4 Universal Inputs, 1 Analog Outputs Controller For Pressure Independent VAV Applications (Automated Logic ZN341+)	4,321.36	209.86
23 09 23 53-0089	EA	1 Digital Outputs, 4 Universal Inputs, 1 Analog Outputs Controller For Pressure Independent VAV Applications (Automated Logic ZN141+)	4,147.11	209.86
23 09 23 53-0090	EA	Air Flow Sensor And Damper Actuator Accessory For ZN341V+ Or ZN141V+ (Automated Logic ZASF)	3,122.82	314.78
23 09 23 53-0091	EA	Unlimited Points, Front End Software For Building Control (Automated Logic WC)	23,438.65	
23 09 23 53-0092	EA	500 Point, Front End Software For Building Control (Automated Logic WC500)	13,990.24	
23 09 23 53-0093	EA	Enterprise Integration Option, Front End Software For Building Control (Automated Logic WC-ENTERPRISE)	20,410.77	

23 09 23 53-0094 Cypress Envirosystems Controls *(23 09 23 53)*

23 09 23 53-0095 Wireless Pneumatic Thermostat *(23 09 23 53-0094)*

Note: Wireless pneumatic thermostats, hub and repeaters must be installed by installers certified by the manufacturer.

23 09 23 53-0096	EA	Two-Pipe Direct Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T2DP) Note: One for every thermostat to be retrofitted.	582.85	13.12
		For >50 To 200, Deduct	*-29.98*	
		For >200, Deduct	*-59.90*	
23 09 23 53-0097	EA	Two-Pipe Reverse Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T2RP) Note: One for every thermostat to be retrofitted.	582.85	13.12
		For >50 To 200, Deduct	*-29.98*	
		For >200, Deduct	*-59.90*	
23 09 23 53-0098	EA	Single-Pipe Direct Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T1DP) Note: One for every thermostat to be retrofitted.	582.85	13.12
		For >50 To 200, Deduct	*-29.98*	
		For >200, Deduct	*-59.90*	
23 09 23 53-0099	EA	Single-Pipe Indirect Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T1RP) Note: One for every thermostat to be retrofitted.	582.85	13.12
		For >50 To 200, Deduct	*-29.98*	
		For >200, Deduct	*-59.90*	
23 09 23 53-0100	EA	Two-Pipe Direct Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T2DP-DB) Note: One for every thermostat to be retrofitted.	663.15	13.12
		For >50 To 200, Deduct	*-34.44*	
		For >200, Deduct	*-68.82*	
23 09 23 53-0101	EA	Two-Pipe Reverse Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T2RP-DB) Note: One for every thermostat to be retrofitted.	663.15	13.12
		For >50 To 200, Deduct	*-34.44*	
		For >200, Deduct	*-68.82*	
23 09 23 53-0102	EA	Single-Pipe Direct Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1DP-DB) Note: One for every thermostat to be retrofitted.	663.15	13.12
		For >50 To 200, Deduct	*-34.44*	
		For >200, Deduct	*-68.82*	
23 09 23 53-0103	EA	Single-Pipe Indirect Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T1RP-DB) Note: One for every thermostat to be retrofitted.	663.15	13.12
		For >50 To 200, Deduct	*-34.44*	
		For >200, Deduct	*-68.82*	
23 09 23 53-0104	EA	Wireless Pneumatic Thermostat Blank Cover (Cypress Envirosystems WPT-800-MCOV) Note: Optional cover.	47.55	13.12
		For >50 To 200, Deduct	*-1.91*	
		For >200, Deduct	*-3.83*	
23 09 23 53-0105	EA	Green Box Controller (Cypress Envirosystems GBC-830-COM) Note: One unit for up to 100 thermostats.	5,247.33	13.12
		For 2, Deduct	*-262.58*	
		For >2, Deduct	*-524.69*	
23 09 23 53-0106	EA	WPT USB Hub (Cypress Envirosystems WPT-800-HUSB) Note: One unit for up to 100 thermostats.	505.86	13.12
		For 2, Deduct	*-27.40*	
		For >2, Deduct	*-54.74*	
23 09 23 53-0107	EA	WPT Repeater (Cypress Envirosystems WPT-800-RWAL) Note: One unit for up to 15 thermostats.	879.48	13.12
		For >5 To 10, Deduct	*-45.25*	
		For >10, Deduct	*-90.42*	
23 09 23 53-0108	EA	24 Volt, WPT Repeater (Cypress Envirosystems WPT-800-RWAL24V) Note: One unit for up to 15 thermostats.	1,077.61	13.12
		For >5 To 10, Deduct	*-52.62*	
		For >10, Deduct	*-105.15*	

23 09 23 53-0109 Delta Controls *(23 09 23 53)*

23 09 23 53-0110 Software *(23 09 23 53-0109)*

Note: Excludes programming, set-up and commissioning of application.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0111	EA	Orca Software Unlimited Points License (Delta Controls DOW333-USB)	2,640.86	
23 09 23 53-0112	EA	Orca Graphics Module, Delta Controls Orca View With Graphics Creation Capabilities (Delta Controls DOW333-I-USB)	4,463.82	
23 09 23 53-0113	EA	Orca Historical Module, Delta Controls Historian Package With Unlimited Archiving Trend Logs (Delta Controls DHS330-HL-USB)	9,671.61	
23 09 23 53-0114	EA	Web Server Unlimited Points License, Delta Controls Web Server Front End (Delta Controls DWS330-L-USB)	15,288.35	
23 09 23 53-0115	EA	Web Server Limited Points (Maximum I/O 2500) License, Delta Controls Web Server Front End (Delta Controls DWS330-M-USB)	7,848.65	
23 09 23 53-0116	EA	Web Server Limited Points (Maximum I/O 250) License, Delta Controls Web Server Front End (Delta Controls DWS330-S-USB)	2,640.86	
23 09 23 53-0117	EA	100 User Energy Portal, Data Collection Controller, Web PC Server Program License (Delta Controls EP-2.01)	6,360.71	
23 09 23 53-0118	EA	1,000 User Energy Portal, Data Collection Controller, Web PC Server Program License (Delta Controls EP-2.02)	7,848.65	
23 09 23 53-0119	EA	KW Meter With H8163-2400-4-3 Series, With 3, 2,400 Amperes CT's And BACnet MS/TP Interface (Delta Controls H8186-CB)	2,771.42	131.16
23 09 23 53-0120	EA	Delta Controls Touch Screen (Delta Controls DHMI-7-I)	3,028.35	
23 09 23 53-0121		**EMCS Central Equipment And Controllers** *(23 09 23 53-0109)*		
23 09 23 53-0122	EA	Fully Programmable, Native BACnet Building Controller (Delta Controls DSC-1616E + DFM1616) Note: Includes 32 Universal Inputs/32 Analog Or Binary Outputs HOA's, Twisted-Pair Ethernet Port, BACnet IP, BACnet Over Ethernet, Main LAN RS-485 BACnet MS/TP (Maximum Of 99 Devices), SubLAN (Net2) BACnet MS/TP (Maximum 99 Devices) Or Delta LINKnet At 76,800 BPS, Serial RS-232 BACnet PTP, Real-Time Clock With Lithium Battery And SRAM Backup	9,527.62	524.63
23 09 23 53-0123	EA	Fully Programmable, Native BACnet Building Controller, 16 Universal Inputs/16 Analog Or Binary Outputs HOA'S, Twisted-Pair Ethernet Port, BACnet IP, BACnet Over Ethernet, Main LAN RS-485 BACnet MS/TP (Maximum Of 99 Devices), Sublan (Net2) BACnet MS/TP (Maximum 99 Devices) Or Delta LINKnet At 76,800 BPS (Maximum 12 Devices On LINKnet, With 2 DFM Devices) Serial RS-232 BACnet PTP, Real-Time Clock With Lithium Battery And SRAM Backup (Delta Controls DSC-1616E)	7,146.91	524.63
23 09 23 53-0124	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 4 Analog Output Or 6 Binary (Triac) Outputs (Delta Controls DAC-1146)	5,164.23	524.63
23 09 23 53-0125	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 8 Analog Or Binary Outputs (Delta Controls DAC-1180)	5,164.23	524.63
23 09 23 53-0126	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 4 Analog Output Or 6 Binary (Triac) Outputs (Delta Controls DAC-1146)	5,164.23	524.63
23 09 23 53-0127	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 6 Universal Inputs, 3 Binary (Triac) Outputs And 3 Analog Outputs (Delta Controls DAC-633 R3)	4,801.66	524.63
23 09 23 53-0128	EA	VAV Controllers Are Native BACnet Application Controllers That Are Fully Programmable, Communicate On A RS-485 LAN Using The MS/TP BACnet Protocol, 3 Universal Inputs, 4 Binary Outputs, Actuator Position Feedback, Supports 4 BACstat Network Sensors On LINKnet For Room Sensing And Control Or 2 Delta Field Modules On LINKnet For I/O Expansion (Delta Controls DVC-304AF)	1,707.68	262.31
23 09 23 53-0129	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 4 Binary Triac Outputs (24 Volt AC), 3 Binary Relay Outputs For Fan Speed Control, 240 Volt AC, 1 HP (60 LRA/10 FLA) LED Status Indication Of Each Output (Delta Controls DFC-304R3-240)	1,547.73	262.31
23 09 23 53-0130	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 6 Universal Inputs, 3 Binary (Triac) Outputs And 3 Analog Outputs (Delta Controls DAC-633 R3)	1,653.86	262.31
23 09 23 53-0131	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 4 Binary Triac Outputs (24 Volt AC), 3 Binary Relay Outputs For Fan Speed Control, 240 Volt AC, 1 HP (60 LRA/10 FLA) LED Status Indication Of Each Output (Delta Controls DFC-304R3-240)	1,547.73	262.31
23 09 23 53-0132	EA	Remotely Expandable I/O To Delta's BACnet Controllers, 16 Universal Inputs, 16 Analog Outputs (Delta Controls DFM-1616)	3,692.28	327.89
23 09 23 53-0133	EA	Remotely Expandable I/O To Delta's BACnet Controllers, 4 Universal Inputs, 4 Analog Outputs (Delta Controls DFM-440)	914.66	131.16
23 09 23 53-0134	EA	Remotely Expandable I/O To Delta's BACnet™ Controllers, 4 Universal Inputs, 4 Binary Triac Outputs (Delta Controls DFM-404)	982.10	131.16
23 09 23 53-0135	EA	Remotely Expandable I/O To Delta's BACnet™ Controllers, 16 Universal Inputs (Delta Controls DFM-1600)	1,157.00	131.16
23 09 23 53-0136		**Network, VAV And Special Sensors** *(23 09 23 53-0109)*		
23 09 23 53-0137	EA	BACnet MS/TP VAV Network Room Temperature Sensor With LCD Display (Delta Controls DNS-24)	305.69	41.97
23 09 23 53-0138	EA	BACnet MS/TP VAV Network Temperature And Humidity Sensor With LCD Display (Delta Controls DNS-H24)	415.63	47.22
23 09 23 53-0139	EA	Programmable BACnet MS/TP Thermostat With 8 Button Keypad And LCD Display For DX Unit, Fan Coils And RTU (Delta Controls DAC-T305-G2B)	822.11	19.67
23 09 23 53-0140		**Honeywell Controls** *(23 09 23 53)*		
23 09 23 53-0141		**EMCS Central Equipment And Controllers** *(23 09 23 53-0140)*		
23 09 23 53-0142		**EMCS Network Area Controllers (BACnet Or Lon)** *(23 09 23 53-0141)* Note: Includes loading software, software license, loading data base and mounting on wall.		
23 09 23 53-0143	EA	Network Area Java Controller Supporting 126 Devices (Honeywell WC2003B2004) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 minimum RS-232 serial ports, 1 minimum RS-485 electrically isolated ports, 1 LonWorks port (supports 126 devices), and web user interface software.	13,142.64	639.40
23 09 23 53-0144	EA	Network Area Java Controller Supporting 27 Devices (Honeywell WC2003B1022) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-232 port, 1 RS-485 port, 1 LonWorks port with driver, Lon tunnel service, BACnet driver, wind river VxWorks OS with Jeode java virtual machine, Niagara control engine and web user interface software (supports 27 device).	8,947.81	639.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0145	EA	Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201) Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, 1 RS-232 serial port, 1 RS-485 serial port, NDIO port, 2 communication card option slots, BACnet IP Client, and BACnet MS/TP. Supports up to 10 devices.	6,821.27	639.40
23 09 23 53-0146	EA	Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-EZ) Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, 1 RS-232 serial port, 1 RS-485 serial port, NDIO port, 2 communication card option slots, BACnet IP Client, and BACnet MS/TP. Includes WEB user interface and Enterprise connectivity pack.	8,513.50	639.40
23 09 23 53-0147	EA	Niagara Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-LN) Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, factory installed LON card, NDIO port and MODBus TCP driver. Excludes RS232 and RS485 communications. Includes Niagara network ethernet communication between stations.	6,763.00	639.40
23 09 23 53-0148	EA	Web UI Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-LU) Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, factory installed LON card, NDIO port and MODBus TCP driver. Excludes RS232 and RS485.	6,763.00	639.40
23 09 23 53-0149	EA	16 Point BACnet IP Network Area Java Controller (Honeywell WEB-216-B) Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	7,348.27	639.40
23 09 23 53-0150	EA	16 Point Web UI And BACnet IP Network Area Java Controller (Honeywell WEB-216-BU) Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	7,962.66	639.40
23 09 23 53-0151	EA	16 Point Niagara Network Area Java Controller (Honeywell WEB-216-N) Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	7,348.27	639.40
23 09 23 53-0152	EA	16 Point Web UI And Niagara Network Area Java Controller (Honeywell WEB-216-NU) Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	7,962.66	639.40
23 09 23 53-0153	EA	34 Point BACnet IP Network Area Java Controller (Honeywell WEB-234-B) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	7,967.96	639.40
23 09 23 53-0154	EA	34 Point Web UI and BACnet IP Network Area Java Controller (Honeywell WEB-234-BU.) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this.	8,582.35	639.40
23 09 23 53-0155	EA	34 Point Niagara Network Area Java Controller (Honeywell WEB-216-N) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	7,967.96	639.40
23 09 23 53-0156	EA	34 Point Web UI and Niagara Network Area Java Controller (Honeywell WEB-216-NU) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this.	8,582.35	639.40
23 09 23 53-0157	EA	Network Area Java Controller Supporting 27 Devices (Controller Only) (Honeywell WEB-403-AX) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service.	8,484.37	639.40
23 09 23 53-0158	EA	Unrestricted Network Area Java Controller Supporting 27 Devices (Controller Only) Note: Unrestricted limit on connected devices. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service. Honeywell WEB-403-EXP-AX. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.	10,536.76	639.40
23 09 23 53-0159	EA	Easy Pack Network Area Java Controller Supporting 27 Devices (Honeywell WEB-403-EZ) Note: Includes controller plus User Interface Station Pack and Enterprise Connectivity Station Pack bundled as an "easy-order" bundle. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service.	11,169.69	639.40
23 09 23 53-0160	EA	Expanded Easy Pack Network Area Java Controller Supporting 27 Devices (Honeywell WEB-403-EXP-EZ) Note: Unrestricted limit on connected devices. Includes controller plus User Interface Station Pack and Enterprise Connectivity Station Pack bundled as an "easy-order" bundle. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.	13,222.09	639.40
23 09 23 53-0161	EA	Network Area Java Controller Supporting 124 Devices (Controller Only) (Honeywell WEB-545-AX) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 4 RS-485 port, 2 RS-232 port, 1 LonWorks port. As with other WEBs controllers, capacity is limited by the characteristics of the application. Unit is supplied with a steel, wall mountable enclosure, and 120 volt power supply. Excludes UI service and Enterprise connectivity service.	11,198.82	639.40
23 09 23 53-0162	EA	Easy Pack Network Area Java Controller Supporting 124 Devices (Honeywell WEB-545-EZ) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 4 RS-485 port, 2 RS-232 port, 1 LonWorks port. As with other JACEs, capacity is limited by the characteristics of the application. Unit is supplied with a steel, wall mountable enclosure, and 120 volt power supply. Includes WEB-545-AX plus User Interface Station Pack (UI-SP-5XX) and Enterprise Connectivity Station Pack (EC-SP-5XX) bundled as an "easy-order" bundle.	15,110.29	639.40
23 09 23 53-0163		EMCS Network Interfaces *(23 09 23 53-0141)* Note: Includes installation, start-up and tech labor.		
23 09 23 53-0164	EA	Serial LonTalk Adapter For LonWorks Bus And A PC (Honeywell Q7760A2001) Note: For desktop computer.	1,902.10	177.06
23 09 23 53-0165	EA	Serial LonTalk Card For LonWorks Bus And A PC (Honeywell Q7752B2009) Note: For laptop computer.	1,617.41	118.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0166	EA	FTT-10 To FTT-10 Router (Honeywell Q7751A2010)	2,062.89	221.40
23 09 23 53-0167	EA	4FTT-10 To TP/FTT-1250 Multi Port Router (Honeywell Q7751J2002)	3,163.24	319.77
23 09 23 53-0168	EA	Two Way Lon Repeater (Honeywell Q7740A1008)	1,629.90	319.77
23 09 23 53-0169	EA	FTT Termination Module For Network Bus (Honeywell 209541B)	117.54	39.35
23 09 23 53-0170		**DDC Application Specific Controller Assemblies** *(23 09 23 53-0141)*		
		Note: Includes submittal generation, installation, field test, checkout and start-up. Includes control enclosure, transformer, terminal strip and ancillary devices. (For example, fan coil unit include valves, actuators with controller and thermostat; VAVs include controller, thermostat and hot water valve if VAV has reheat coil). Excludes graphics and database generation. Excludes discharge air sensor.		
23 09 23 53-0171	EA	Up To 10 Factory Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	3,022.74	723.05
23 09 23 53-0172	EA	>10 Factory Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	2,530.90	427.94
23 09 23 53-0173	EA	Up To 10 Field Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	3,229.32	847.00
23 09 23 53-0174	EA	>10 Field Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	2,737.48	551.89
23 09 23 53-0175	EA	Up To 10 Factory Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	3,570.18	885.40
23 09 23 53-0176	EA	>10 Factory Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	3,201.24	663.40
23 09 23 53-0177	EA	Up To 10 Field Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	3,791.49	1,018.20
23 09 23 53-0178	EA	>10 Field Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	3,392.99	779.21
23 09 23 53-0179	EA	Up To 10 Factory Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	2,673.66	722.95
23 09 23 53-0180	EA	>10 Factory Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	2,181.82	427.94
23 09 23 53-0181	EA	Up To 10 Field Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	2,944.24	885.40
23 09 23 53-0182	EA	>10 Field Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	2,452.27	590.22
23 09 23 53-0183	EA	Up To 10 Factory Installed Application Specific Fan Coil Unit Controller Assemblies	3,574.47	734.85
23 09 23 53-0184	EA	>10 Factory Installed Application Specific Fan Coil Unit Controller Assemblies	3,072.80	600.70
23 09 23 53-0185	EA	Up To 10 Field Installed Application Specific Fan Coil Unit Controller Assemblies	3,845.05	1,018.19
23 09 23 53-0186	EA	>10 Field Installed Application Specific Fan Coil Unit Controller Assemblies	3,343.24	676.77
23 09 23 53-0187	EA	Up To 10 Factory Installed Application Specific Unit Ventilator Controller Assemblies	4,520.87	1,018.19
23 09 23 53-0188	EA	>10 Factory Installed Application Specific Unit Ventilator Controller Assemblies	4,073.35	650.54
23 09 23 53-0189	EA	Up To 10 Field Installed Application Specific Unit Ventilator Controller Assemblies	5,062.04	1,018.19
23 09 23 53-0190	EA	>10 Field Installed Application Specific Unit Ventilator Controller Assemblies	4,614.39	762.03
23 09 23 53-0191		**DDC Programmable Controller Assemblies** *(23 09 23 53-0141)*		
		Note: Includes installation, field test, checkout and start-up. Includes control enclosure, transformer and terminal strip only. Excludes ancillary devices. Excludes submittal generation/system engineering and database generation. See CSI section 23 09 23 53-0198 for additional components.		
23 09 23 53-0192	EA	3 AO, 6 UI, 8 DO And 4 DI Small Programmable Controller Assemblies	3,068.27	782.10
23 09 23 53-0193	EA	Oversized Enclosure 3 AO, 6 UI, 8 DO And 4 DI Small Programmable Controller Assemblies	3,570.41	782.10
23 09 23 53-0194	EA	6 AO, 8 AI, 8 DO And 8 DI Medium Programmable Controller Assemblies	4,795.53	919.82
23 09 23 53-0195	EA	Oversized Enclosure 6 AO, 8 AI, 8 DO And 8 DI Medium Programmable Controller Assemblies	5,297.66	919.82
23 09 23 53-0196	EA	10 AO, 16 AI, 16 DO And 16 DI Large Programmable Controller Assemblies	8,767.97	1,077.21
23 09 23 53-0197	EA	Oversized Enclosure 10 AO, 16 AI, 16 DO And 16 DI Large Programmable Controller Assemblies	9,348.41	1,077.21
23 09 23 53-0198		**EMCS Optional DDC Controller Hardware** *(23 09 23 53-0141)*		
		Note: Used to expand the capacity of DDC programmable controller assemblies.		
23 09 23 53-0199	EA	6 DO (Repay), 3 AI, 3 DI AHU Controller (Honeywell W7750A2005) Note: For constant volume single zone and heat pump AHUs.	603.80	
23 09 23 53-0200	EA	6 AI, 5 DI, 8 DO (Triac) AHU Controller (Honeywell W7750B2011) Note: For constant volume single zone and heat pump AHUs.	697.81	
23 09 23 53-0201	EA	3 AO, 6 AI, 5 DI, 5 DO (Triac) AHU Controller (Honeywell W7750C2001) Note: For constant volume single zone and heat pump AHUs.	730.92	
23 09 23 53-0202	EA	VAV Controller Compatible Printed Wiring Board (Honeywell W7751B2010)	689.87	
23 09 23 53-0203	EA	VAV Controller With Internally Wired Subbase (Honeywell W7751D2016)	700.46	
23 09 23 53-0204	EA	VAV Controller With Externally Wired Subbase (Honeywell W7751F2011)	684.57	
23 09 23 53-0205	EA	VAV Controller With Premounted ML6161 Actuator (Honeywell W7751H2025)	589.24	
23 09 23 53-0206	EA	VAV Controller With Premounted ML6161 Actuator (Honeywell W7751J2004)	512.44	
23 09 23 53-0207	EA	Fan Coil Unit Controller With Electric Reheat Relay (Honeywell W7752F2002)	750.78	
23 09 23 53-0208	EA	Fan Coil Unit Controller Without Electric Reheat Relay (Honeywell W7752G2000)	671.33	
23 09 23 53-0209	EA	Unit Ventilator Controller With Heating, Cooling, Actuator And Fan Control (Honeywell W7753A2002)	741.51	
23 09 23 53-0210	EA	Building Manager, Monitor And Control HVAC Equipment (Honeywell W7760A2011)	1,574.38	
23 09 23 53-0211	EA	Plant Controller, Monitor And Control HVAC Equipment (Honeywell W7760C2017)	1,958.38	
23 09 23 53-0212	EA	Remote IO Device For Ancillary Point Monitoring And Control (Honeywell W7761A2002)	978.53	
23 09 23 53-0213	EA	Remote IO, UUKL-UL 864 Approved (Honeywell W7761A2010)	963.96	
23 09 23 53-0214	EA	Hydronic Controller Without Wall Module (Honeywell W7762B1027)	472.71	
23 09 23 53-0215	EA	Hydronic Controller With Built-in Wall Module (Honeywell W7763C1016)	537.59	
23 09 23 53-0216	EA	IO Module, 24 Volt AC Without Overrides (Honeywell XFC3A06001)	993.09	
23 09 23 53-0217	EA	IO Module, 24 Volt AC With Overrides (Honeywell XFC3D06001)	1,061.95	
23 09 23 53-0218	EA	AI Module (Honeywell XFL521B)	664.71	
23 09 23 53-0219	EA	AO Module (Honeywell XFL522B)	664.71	
23 09 23 53-0220	EA	DI Module (Honeywell XFL523B)	664.71	
23 09 23 53-0221	EA	DO Module (Honeywell XFL524B)	664.71	
23 09 23 53-0222	EA	Distributed IO, Lonwork Bus Connector Module With Endplate (Honeywell XSL511)	117.85	
23 09 23 53-0223	EA	Distributed IO, Terminal Block For AI, AO And DI Modules (Honeywell XSL513)	222.45	
23 09 23 53-0224	EA	Distributed IO, Terminal Block For DO Modules (Honeywell XSL514)	218.48	
23 09 23 53-0225	EA	Lon Analog IO Module, 24 Volt AC/DC, 10 Digital Inputs (Honeywell XIO-10DI)	668.68	
23 09 23 53-0226	EA	Lon Hub (Honeywell XIO-HUB)	99.31	
23 09 23 53-0227	EA	Lon Analog IO, 24 Volt AC/DC, 4 Analog Outputs (Honeywell XIO-4AO)	668.68	
23 09 23 53-0228	EA	Lon Digital IO, 24 Volt AC/DC, 4 Digital Inputs (Honeywell XIO-4DI)	615.72	
23 09 23 53-0229	EA	Lon Digital IO, 24 Volt AC/DC, 4 Digital Outputs (Honeywell XIO-4DO)	615.72	
23 09 23 53-0230	EA	Lon Analog IO, 24 Volt AC/DC, 4 Analog Inputs (Honeywell XIO-4NTC)	648.82	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0231	EA	Lon Analog IO, 24 Volt AC/DC, 4 Analog PT1000 Inputs (Honeywell XIO-4PT1000)	648.82	
23 09 23 53-0232	EA	Lon Analog IO, 24 Volt AC/DC, 8 Analog Inputs (Honeywell XIO-8AI)	933.51	
23 09 23 53-0233	EA	16 Point IO Module For Network Area Controllers (Honeywell WEB-IO-16) Note: Includes 8 universal inputs, 4 relay outputs, and 4 analog outputs.	1,101.67	
23 09 23 53-0234	EA	34 Point IO Module For Network Area Controllers (Honeywell W7750A2005) Note: Includes 16 universal inputs, 10 relay outputs, and 8 analog outputs.	2,341.05	
23 09 23 53-0235		EMCS Software *(23 09 23 53-0140)*		
23 09 23 53-0236		Software Packages And License *(23 09 23 53-0235)* Note: Includes installation on equipment.		
23 09 23 53-0237	EA	On Board Programming Tool For Network Area Controllers (Honeywell WP-AX-WEB) Note: Requires UI services to be installed on NAC.	746.81	
23 09 23 53-0238	EA	Software Upgrade To Provide Unrestricted Connected Device Limit (Honeywell WEB-403-EXUP-AX) Note: Upgrade existing network area controller. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.	2,835.61	
23 09 23 53-0239	EA	WEBStation-AX Software For Windows (Honeywell WEB-S-AX) Note: Includes Archon database. WEBs controllers must have Enterprise Connectivity Station Pack (EC-SP). Includes one copy of WP-AX (WEBPro-AX).	8,341.99	
23 09 23 53-0240	EA	Small Building WEBStation-AX Based Software (Honeywell WEB-S-AX-SBS) Note: For up to 3 NAC controllers. NAC controllers must have Enterprise Connectivity Station Pack (EC-SP). Includes Archon database.	4,965.47	
23 09 23 53-0241	EA	Upgrade Small Building To Large Building Software Note: Upgrade WEB-S-AX-SBS to WEB-S-AX.	5,616.27	
23 09 23 53-0242	EA	Additional Copy Of WEBPro-AX (Honeywell WEB-S-AX-W) Note: One copy is included with WEB-S-AX and WEBStation-AX.	3,927.07	
23 09 23 53-0243	EA	WEBs Energy Suite (WES) Base Software (Honeywell WES-BASE-AX) Note: Includes license for 10 points of E^2 Profiler and 2 licensed meters of Cost Profiler. Limit of one WES-BASE per WEBStation-AX Supervisor. Additional E^2 Profiler point requirements or Cost Profiler meter requirements may use one or any combination of point/meter bundles. One WES-BASE required per WES project.	7,032.14	
23 09 23 53-0244	EA	Perpetual License One Meter Point Bundle Of A Cost Profiler Meter And Two E^2 Profiler Points (Honeywell WES-CP-AX) Note: Can be combined with the required single instance of VES-BASE as well as with any combination of other EP points and CP meters.	881.58	
23 09 23 53-0245	EA	Perpetual License For One Point Of E^2 Profiler (Honeywell WES-E2-AX) Note: Can be combined with the required single instance of VES-BASE as well as with any number of other EP Points and Cost Profiler meters.	570.41	
23 09 23 53-0246	EA	Perpetual License For An Unlimited Bundle Of E2 Points And CP Meters Note: Sold on a per server basis. Purchase of this product must be accompanied by VES-M1-ENT-AX maintenance. The first year price of maintenance is included with VES-ENT-AX.	38,286.79	
23 09 23 53-0247	EA	Annual Maintenance For Enterprise WEBs-AX Energy Suite (Honeywell WES-M1-ENT-AX) Note: The first year cost of VES-M1-ENT-AX is included with VES-ENT-AX. After the first year VES-M1-ENT-AX maintenance fee will be invoiced annually.	34,919.10	
23 09 23 53-0248	EA	Standard WEBStation-AX Supervisor Bundled With WES-BASE-AX (Honeywell WES-S-AX)	13,302.16	
23 09 23 53-0249	EA	Small WEBStation-AX Supervisor Bundled With WES-BASE-AX (Honeywell WES-S-AX-SBS)	9,925.64	
23 09 23 53-0250	EA	Add 500 Modbus TCP Points To WEBStation With WS-OSD Option (Honeywell WS-MTCP-500)	2,869.38	
23 09 23 53-0251	EA	Add 500 OPC Points To WEBStation With WS-OSD Option (Honeywell WS-OPC-500)	2,869.38	
23 09 23 53-0252	EA	Vykon Oracle Driver For Support Of Oracle Database (Honeywell WS-ORCL) Note: Excludes Oracle.	19,861.88	
23 09 23 53-0253	EA	Open System Driver Option (Honeywell WS-SNMP-500) Note: Adds 25 points each of BACnet IP, OPC (client), Modbus TCP and SNMP to a standard WEBStation. Can be purchase with the WS or added later. Web Supervisor required to purchase this option.	2,648.25	
23 09 23 53-0254	EA	Add 500 SNMP Points To WEBStation With WS-OSD Option (Honeywell WS-SNMP-500)	2,869.38	
23 09 23 53-0255	EA	WEBStation Software WS-1 And First Copy Of WEBPro Software (Honeywell ZW2000A1003) Note: For a single Honeywell WEB NP controller. Excludes software keys for the additional nodes.	7,503.82	
23 09 23 53-0256	EA	WEBStation Additional Node (Honeywell ZW2000B1002)	2,869.38	
23 09 23 53-0257	EA	WEBStation Software And 20 Pack Of Node Software Keys (Honeywell ZW2000C1001)	48,110.76	
23 09 23 53-0258	EA	WEBStation Software And 50 Pack Of Node Software Keys (Honeywell ZW2000D1000)	88,275.44	
23 09 23 53-0259	EA	WEBStation Software And 100 Pack Of Node Software Keys (Honeywell ZW2000E1009)	154,481.69	
23 09 23 53-0260	EA	Master WEBStation Software For Monitoring Multiple WEBStations (Honeywell ZW2000F1008)	7,944.75	
23 09 23 53-0261	EA	Additional Master WEBStation Software Licenses (Honeywell ZW200G1007)	3,972.38	
23 09 23 53-0262	EA	Additional Copies Of Workplace Pro WP-1 (Web Pro) (Honeywell ZW2001A1001)	3,111.41	
23 09 23 53-0263	EA	Upgrade Existing NAC To Provide Unrestricted Connected Device Limit (Honeywell WC2003B1055) Note: As with other WEBs, capacity is limited by the characteristics of the application including size and complexity.	3,431.46	
23 09 23 53-0264		Initial Database Generation *(23 09 23 53-0235)*		
23 09 23 53-0265	PNT	Database Generation For Central Plant	88.00	
23 09 23 53-0266	PNT	Database Generation For Programmable Controller Note: For VAV AHU, large CV AHU, or heat exchanger, etc.	88.00	
23 09 23 53-0267	EA	Database Generation For Application Specific Controller Note: Price per each VAV box, fan coil unit, unit ventilator or small CV AHU. Task used for the first piece of each equipment.	88.00	
23 09 23 53-0268	EA	Replication Of Database Generation For Application Specific Controller Note: Price per copy made.	61.25	
23 09 23 53-0269	EA	Database Generation For Remote IO Modules, Sensors, etc.	61.25	
23 09 23 53-0270		Application Software Programs *(23 09 23 53-0235)*		
23 09 23 53-0271	EA	Optimum Start/Stop Program Note: Priced per controller requiring optimum start programming.	122.77	
23 09 23 53-0272	EA	Duty Cycling Program	57.98	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0273	EA	Demand Limiting Program Note: Priced per controller requiring optimum start programming.	107.68	
23 09 23 53-0274		**Color Graphics Generation** *(23 09 23 53-0235)* Note: Priced per page.		
23 09 23 53-0275	EA	Single Site Home Page Graphics Page With HTML Navigation Code	2,200.59	
23 09 23 53-0276	EA	Multi Site Home Page Graphics Page With HTML Navigation Code	3,907.06	
23 09 23 53-0277	EA	Color Graphics Page For Central Plant	999.82	
23 09 23 53-0278	EA	Color Graphics Page For Building Floor Plan	923.22	
23 09 23 53-0279	EA	Replication Of Color Graphics Page For Central Plant	501.55	
23 09 23 53-0280	EA	Color Graphics Page For Programmable Controller Note: For VAV AHU, large CV AHU, or heat exchanger, etc.	1,124.82	
23 09 23 53-0281	EA	Replication Of Color Graphics Page For Programmable Controller Note: Priced per copy made.	240.54	
23 09 23 53-0282	EA	Color Graphics Page For Application Specific Controller Note: Price per each VAV box, fan coil unit, unit ventilator or small CV AHU. Task used for the first piece of each equipment.	1,040.35	
23 09 23 53-0283	EA	Replication Of Color Graphics Page For Application Specific Cont Note: Priced per copy made.	104.01	
23 09 23 53-0284		**Sensors, Actuators And Control Devices** *(23 09 23 53-0140)* Note: Includes installation, startup, checkout and miscellaneous parts for installation. Excludes conduit, wire and cable. Excludes engineering and programming labor. Each device is considered one control point. No engineering or programming time required for replacement parts.		
23 09 23 53-0285		**Special Sensors** *(23 09 23 53-0284)*		
23 09 23 53-0286	EA	Dewpoint Sensor (Honeywell C7232B1014)	2,372.88	81.19
23 09 23 53-0287	EA	Enthalpy Sensor -25 To 125 F	2,476.62	81.19
23 09 23 53-0288	EA	Outdoor Mounted Temperature And Humidity Transmitter (Honeywell H7635C1002)	1,102.55	162.38
23 09 23 53-0289	EA	Freezestat (Honeywell L482A1004)	754.88	270.58
23 09 23 53-0290	EA	Wall Mounted Occupancy Sensor	547.08	81.19
23 09 23 53-0291	EA	Ceiling Mounted Occupancy Sensor	432.72	81.19
23 09 23 53-0292	EA	I/P Positioner With Gauge	509.96	81.19
23 09 23 53-0293	EA	Non-Communicating Duct Mounted Smoke Detector With Sampling Tube	610.28	81.19
23 09 23 53-0294	EA	EP Transducer	509.96	54.17
23 09 23 53-0295	EA	Electric Heat Sequencer	807.25	108.20
23 09 23 53-0296		**Meters** *(23 09 23 53-0284)*		
23 09 23 53-0297	EA	208 - 480 Volt, Up To 2,400 Amperes, KW/KWh Meter/Current Transformer	5,203.13	649.24
23 09 23 53-0298	EA	208 - 480 Volt, Up To 2,400 Amperes, KW/KWh Meter/Current Transformer With LON interface	7,538.94	757.44
23 09 23 53-0299	EA	1 To 300 Amperes, Current Transformer For KW Meter	1,800.46	270.58
23 09 23 53-0300	EA	300 To 800 Amperes, Current Transformer For KW Meter	2,067.74	270.58
23 09 23 53-0301	EA	800 To 2,400 Amperes, Current Transformer For KW Meter	2,580.33	270.58
23 09 23 53-0302		**Direct Coupled Actuators** *(23 09 23 53-0284)*		
23 09 23 53-0303	EA	44 IN-Lb., 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4105A1002)	720.99	112.13
23 09 23 53-0304	EA	88 IN-Lb., 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4110A1200)	796.29	112.13
23 09 23 53-0305	EA	175 IN-Lb., 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4120A1209)	925.76	112.13
23 09 23 53-0306	EA	44 IN-Lb., 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8105A1008)	676.93	112.13
23 09 23 53-0307	EA	88 IN-Lb., 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8110A1206)	757.91	112.13
23 09 23 53-0308	EA	175 IN-Lb., 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8120A1205)	838.10	112.13
23 09 23 53-0309	EA	44 IN-Lb., 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator	762.34	112.13
23 09 23 53-0310	EA	88 IN-Lb., 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator (Honeywell MS7510A2206)	877.81	112.13
23 09 23 53-0311	EA	175 IN-Lb., 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator (Honeywell MS7520A2205)	1,002.44	112.13
23 09 23 53-0312	EA	44 IN-Lb., 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Non- Spring Return Direct Coupled Damper Actuator (Honeywell MN7505A2209)	616.85	112.13
23 09 23 53-0313	EA	88 IN-Lb., 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Non- Spring Return Direct Coupled Damper Actuator (Honeywell MN7510A2209)	678.34	112.13
23 09 23 53-0314	EA	175 IN-Lb., 24 Volt AC, 4-20 mA, Floating Control, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN6120A1200)	801.86	112.13
23 09 23 53-0315	EA	175 IN-Lb., 24 Volt AC, 4-20mA, 0-10 Volt DC, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN7220A2007)	860.00	112.13
23 09 23 53-0316	EA	300 IN-Lb., 24 Volt AC, 4-20 mA, Floating Control, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN6134A10030)	859.28	112.13
23 09 23 53-0317	EA	300 IN-Lb., 24 Volt AC, 4-20mA, 0-10 Volt DC, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN7234A2008)	1,018.73	112.13
23 09 23 53-0318	EA	Pneumatic Spring Return Damper Actuator Without Positive Positioner (Honeywell MP909E1018)	642.05	112.13
23 09 23 53-0319	EA	Pneumatic Spring Return Damper Actuator With Positive Positioner (Honeywell MP909H1368)	1,128.73	112.13
23 09 23 53-0320	EA	Foot Mount Kit With Damper Linkage And Connectors For Direct Coupled Actuator	482.02	112.13
23 09 23 53-0321	EA	Direct Coupled Damper Actuator Enclosure For Outdoor Use	736.52	112.13
23 09 23 53-0322		**Thermostats** *(23 09 23 53-0140)*		
23 09 23 53-0323		**Electric And Electronic Thermostats** *(23 09 23 53-0322)* Note: Includes installation, startup and checkout labor. Excludes engineering and programming labor. Each thermostat counts as one control point.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0324	EA	Line Voltage 120 Volt, Heat/Cool Thermostat (Honeywell T651A3018)	239.18	19.67
23 09 23 53-0325	EA	Electronic Non-Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell TH5320)	258.26	19.67
23 09 23 53-0326	EA	Electronic Programmable Heating/Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6110)	237.06	19.67
23 09 23 53-0327	EA	Electronic Programmable Two Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6220)	266.10	19.67
23 09 23 53-0328	EA	Electronic Programmable Three Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6320)	287.94	19.67
23 09 23 53-0329	EA	Electronic Programmable Two Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH8321)	427.87	19.67
23 09 23 53-0330	EA	Humidity Control Electronic Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7351F)	627.16	19.67
23 09 23 53-0331	EA	Lon Communicating Humidity Control Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7350H)	1,021.23	19.67
23 09 23 53-0332	EA	Modulating Lon Communicating Humidity Control Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7350M)	1,089.70	19.67
23 09 23 53-0333		**Pneumatic Thermostats** *(23 09 23 53-0322)* Note: Includes installation, startup and checkout labor. Excludes engineering and programming labor. Each thermostat counts as two control point.		
23 09 23 53-0334	EA	Pneumatic Thermostat (Honeywell TP970B2182)	335.96	19.67
23 09 23 53-0335		**Thermostats Guards** *(23 09 23 53-0322)*		
23 09 23 53-0336	EA	9-3/4" x 7-1/4" x 3-3/8" Universal Thermostat Guard (Honeywell TG512A1009)	80.59	19.67
23 09 23 53-0337	EA	7-1/2" x 6-1/2" x 2-15/16" Universal Thermostat Guard (Honeywell TG511)	96.49	19.67
23 09 23 53-0338	EA	5-7/8" x 5-7/8" x 2-1/2" Deep Universal Thermostat Guard (Honeywell TG510)	90.76	19.67
23 09 23 53-0339		**Johnson Controls** *(23 09 23 53)*		
23 09 23 53-0340		**Software** *(23 09 23 53-0339)* Note: Excludes programming, set-up and commissioning of application.		
23 09 23 53-0341	EA	5 Concurrent User Application And Data Server (Johnson Controls MS-ADS05U-0)	21,558.67	
23 09 23 53-0342	EA	10 Concurrent User External Application And Data Server (Johnson Controls MS-ADX10U-0)	25,499.47	
23 09 23 53-0343	EA	N2 Controllers Commissioning And Download Software (Johnson Controls MW-MTOOL-0)	1,242.15	
23 09 23 53-0344	EA	N2 Controllers Download Cable Kit (Johnson Controls AS-CBLPRO-2)	1,891.61	
23 09 23 53-0345	EA	BACnet FEU Controllers Commissioning And Download Software (Johnson Controls MS-CCTSWO-0)	3,364.89	
23 09 23 53-0346	EA	BACnet Controllers Download Bluetooth Converter (Johnson Controls MS-BTCVT-0)	1,253.15	
23 09 23 53-0347	EA	New User FX Tools Pro CD-Rom (FX Builder, FX Builder Expres, FX CommPro N2, FX CommPro LON, FX CommPro BACnet) Software (Johnson Controls LP-FXTPRO-0)	1,245.75	
23 09 23 53-0348	EA	Upgrade FX Tools Pro CD-Rom (FX Builder, FX Builder Expres, FX CommPro N2, FX CommPro LON, FX CommPro BACnet) Software (Johnson Controls LP-FXTPRO-6)	442.43	
23 09 23 53-0349		**Supervisory Controllers** *(23 09 23 53-0339)*		
23 09 23 53-0350	EA	NAE With 1 RS-485, Support For 50 Devices (Either N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE3510-2)	9,280.81	524.63
23 09 23 53-0351	EA	NAE With 1 RS-485, Support For 100 Devices (Either N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE4511-2)	14,478.04	524.63
23 09 23 53-0352	EA	NAE With 2 RS-485, Support For 200 Devices (N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE5511-1)	19,686.79	524.63
23 09 23 53-0353	EA	NCE, 33 Points, Network Control Engine, 32 N2 Device Support Supervisory Controllers (Johnson Controls MS-NCE2510-0)	7,278.86	524.63
23 09 23 53-0354		**Controllers** *(23 09 23 53-0339)*		
23 09 23 53-0355	EA	10 Point Field Equipment Controller With 2 UI, 1 BI, 3 BO, 4 CO, 24 Volt AC And Sensor Actuator Bus With Mounting Base (Johnson Controls MS-FEU1610-0)	1,076.92	131.16
23 09 23 53-0356	EA	10 Point Field Equipment Controller With 2 UI, 1 BI, 3 BO, 4 CO, 24 Volt AC And Sensor Actuator Bus, Mounting Base And Integral Display (Johnson Controls MS-FEU1620-0)	1,423.46	262.31
23 09 23 53-0357	EA	17 Point Field Equipment Controller With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC, Sensor Actuator Bus And Mounting Base (Johnson Controls MS-FEU2610-0)	1,844.58	262.31
23 09 23 53-0358	EA	17 Point Field Equipment Controller With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC, Sensor Actuator Bus And Integral Display (Johnson Controls MS-FEU2620-0)	2,191.12	262.31
23 09 23 53-0359	EA	BACnet MS/TP 4-Point I/O Module With 4 BI, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM1710-0)	878.10	131.16
23 09 23 53-0360	EA	BACnet MS/TP 6 Point I/O Module With 2 UI, 2 UO, 2 BO, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM2710-0)	966.47	131.16
23 09 23 53-0361	EA	BACnet MS/TP 12 Point I/O Module with 4 UI, 4 UO, 4 BO, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM3710-0)	1,099.02	131.16
23 09 23 53-0362	EA	17 Point I/O Module with 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC And Sensor Actuator Bus With Mounting Base (Johnson Controls MS-IOU4710-0)	1,116.68	131.16
23 09 23 53-0363	EA	BACnet MS/TP Rooftop Controller For Stand-Alone And Networked Zoning Systems (Johnson Controls TEC2664Z-2)	2,281.29	262.31
23 09 23 53-0364	EA	32-bit, Integrated VAV Controller/Actuator/DPT, 3 UI, 3 BO, and 2 CO; 24 Volt AC; Field Controller Bus And Sensor Actuator Bus (Johnson Controls MS-VMA1630-0)	1,093.01	131.16
23 09 23 53-0365	EA	32-bit, Integrated VAV Controller/Actuator/Pressure Sensor - DPT, 3 UI and 3 BO, 2 CO, 24 Volt AC, and Sensor Actuator Bus (Johnson Controls MS-VMA1930-0) Note: Includes 6-pin Sensor Port for use with TE-7xx Series Non-Communicating Sensors and two Ethernet Ports for BACnet/IP Communications	1,596.98	131.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0366		**Master FX Controllers** *(23 09 23 53-0339)*		
23 09 23 53-0367	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, No Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X00-000C)	2,889.18	262.31
23 09 23 53-0368	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, N2 Open Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X01-000C)	3,098.58	262.31
23 09 23 53-0369	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, LON Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X02-000C)	3,202.64	262.31
23 09 23 53-0370	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, RS-232 Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X03-000C)	3,139.40	262.31
23 09 23 53-0371	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, BACnet Communications Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X04-000C)	3,040.57	262.31
23 09 23 53-0372	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, N2 Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X11-000C)	3,056.42	262.31
23 09 23 53-0373	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, BACnet Communications Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X14-000C)	3,040.57	262.31
23 09 23 53-0374	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, No Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X50-000C)	3,098.81	262.31
23 09 23 53-0375	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, N2 Open Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X51-000C)	3,279.66	262.31
23 09 23 53-0376	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, LON Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X52-000C)	3,400.22	262.31
23 09 23 53-0377	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, RS-232 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X53-000C)	3,339.93	262.31
23 09 23 53-0378	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, BACnet Communications Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X54-000C)	3,216.53	262.31
23 09 23 53-0379	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, No Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X60-000C)	3,098.81	262.31
23 09 23 53-0380	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, N2 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X61-000C)	3,279.66	262.31
23 09 23 53-0381	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, LON Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X62-000C)	3,400.22	262.31
23 09 23 53-0382	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, RS-232 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X63-000C)	3,339.93	262.31
23 09 23 53-0383	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, BACnet Communications Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X64-000C)	3,216.53	262.31
23 09 23 53-0384	EA	N2 Open Communication Card For FX16 (Johnson Controls LP-NET151-010C)	344.76	65.58
23 09 23 53-0385	EA	LON Communication Card For FX15 and FX16 (Johnson Controls LP-NET152-010C)	493.12	65.58
23 09 23 53-0386	EA	RS-232 Communication Card For FX16 (Johnson Controls LP-NET163-000C)	386.40	65.58
23 09 23 53-0387	EA	BACnet Communications Card For FX16 (Johnson Controls LP-NET164-000C)	344.76	65.58
23 09 23 53-0388	EA	Remote Medium User Interface For FX16 (Johnson Controls LP-DIS60P20-0C)	955.34	65.58
23 09 23 53-0389	EA	Facility Explorer Extension I/O Module (Johnson Controls LP-XT91D00-000C)	879.03	65.58
23 09 23 53-0390	EA	5 UI, 4 BI, 3 AO, 6 Relay DO Expansion I/O Module (Johnson Controls LP-XM07X01-000C)	896.90	65.58
23 09 23 53-0391	EA	5 UI, 4 BI, 3 AO, 2 Triac DO, 4 Relay DO Expansion I/O Module (Johnson Controls LP-XM07X11-000C)	896.90	65.58
23 09 23 53-0392	EA	5 UI, 4 BI, 3 AO, 6 Relay DO (Manual Overrides For 2 AO And 4 Relay DO) Expansion I/O Module (Johnson Controls LP-XM07X51-000C)	986.16	65.58
23 09 23 53-0393	EA	5 UI, 4 BI, 3 AO, 2 Triac DO, 4 Relay DO (Manual Overrides For 2 AO, 2 Triac DO, And 2 Relay DO) Expansion I/O Module (Johnson Controls LP-XM07X61-000C)	986.16	65.58
23 09 23 53-0394	EA	6 UI, 12 BI, 4 AO, 9 Relay DO Expansion I/O Module (Johnson Controls LP-XM14X01-000C)	1,242.77	65.58
23 09 23 53-0395	EA	6 UI, 12 BI, 4 AO, 4 Triac DO Expansion I/O Module (Johnson Controls LP-XM14X11-000C)	1,242.77	65.58
23 09 23 53-0396	EA	6 UI, 12 BI, 4 AO, 9 Relay DO (Manual Overrides For 3 AO And 7 Relay DO) Expansion I/O Module (Johnson Controls LP-XM14X51-000C)	1,387.81	65.58
23 09 23 53-0397	EA	6 UI, 12 BI, 4 AO, 4 Triac DO, 5 Relay DO (Manual Overrides For 3 AO, 2 Triac DO, And 5 Relay DO) Expansion I/O Module (Johnson Controls LP-XM14X61-000C)	1,387.81	65.58
23 09 23 53-0398		**VAV, Network And Special Sensors** *(23 09 23 53-0339)*		
23 09 23 53-0399	EA	3" x 4-1/2", Surface Or Box Mounted, LCD RH Display, 3% RH Accuracy, Occupancy Override, Adjustable Temperature Setpoint BACnet Temperature And Humidity Sensor (Johnson Controls NS-BHR7001-0)	655.62	41.97
23 09 23 53-0400	EA	3" x 4-1/2", Surface Or Box Mounted, Addressing Switch BACnet Temperature Sensor (Johnson Controls NS-BTN7003-0)	217.43	41.97
23 09 23 53-0401	EA	3" x 4-1/2", Surface Or Box Mounted, 3% RH Accuracy, BACnet Temperature And Humidity Sensor (Johnson Controls NS-BHN7001-0)	506.75	41.97
23 09 23 53-0402	EA	3" x 4-1/2", Surface Or Box Mounted, LCD Display, 2% RH Accuracy, Occupancy Override, Adjustable Temperature Setpoint Addressing Switch BACnet Temperature And Humidity Sensor (Johnson Controls NS-BPB7003-0)	759.44	41.97
23 09 23 53-0403	EA	3" x 4-1/2", Surface Or Box Mounted, LCD Display, Occupancy Override, Adjustable Temperature Setpoint, BACnet Temperature Sensor (Johnson Controls NS-BTB7001-0)	250.24	41.97
23 09 23 53-0404	EA	3" x 4-1/2", Surface Or Box Mounted CO2 Sensor, 0 To 2,000 ppm (Johnson Controls NS-BCN7004-0)	688.19	41.97
23 09 23 53-0405		**Sensors - Hard Wired Type** *(23 09 23 53-0339)*		
23 09 23 53-0406	EA	Duct Mount Temperature Sensor, Platinum RT, With Handi-Box (Johnson Controls TFDCR00)	208.66	75.55
23 09 23 53-0407	EA	Well Insertion Temperature Sensor, With Stainless 4-1/2" Well (Johnson Controls TIGB1C0)	179.91	41.97
23 09 23 53-0408	EA	BACnet MS/TP Networked, Single Stage Thermostat (Johnson Controls TEC2601-2) Note: For fan coil units, unit heaters and single stage packaged heating/cooling equipment.	509.66	19.67
23 09 23 53-0409	EA	BACnet MS/TP Networked Two Outputs, Dehumidification Capability And Three Speed Fan Control Thermostat (Johnson Controls TEC2616-2) Note: For two or four pipe fan coils, cabinet unit heaters or other equipment using on/off, floating, or proportional 0 to 10 Volt DC control input, three speeds of fan control, and dehumidification capability.	691.02	19.67
23 09 23 53-0410	EA	BACnet MS/TP Networked Thermostats With Two Outputs (Johnson Controls TEC2627VVT-2) Note: For VVT systems.	510.66	19.67
23 09 23 53-0411	EA	BACnet MS/TP Zone Controller For Proportional Zone Damper, On/Off Or Proportional Reheat Control (Johnson Controls TEC2647Z-2)	672.01	41.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0412	EA	BACnet Zone Controller With Occupancy Sensor For Proportional Zone Damper, On/Off Or Proportional Reheat Control (Johnson Controls TEC2647Z-2+PIR)	828.96	41.97
23 09 23 53-0413		**Melink Intelli-Hood IH3 Controls** *(23 09 23 53)*		
23 09 23 53-0414		**Kitchen Ventilation Controllers** *(23 09 23 53-0413)*		
23 09 23 53-0415	EA	Fully Programmable Kitchen Ventilation Controller (Melink Intelli-Hood 2SYS-3001) Note: RS-485 communication protocol supports up to 39 Hood Controllers, 10 graphical user interface devices, 10 auxiliary power supplies, and 10 auxiliary light controllers. Modbus VFD communications interface for support of up to 64 variable frequency drives, programmable I/O points. Includes 3 digital inputs, 4 digital outputs, 1 analog output, and 1 analog input. BACnet over TCP/IP Interface, Real-Time Clock with battery back-up.	10,797.90	524.63
23 09 23 53-0416	EA	Graphical User Interface (Melink Intelli-Hood 2KPD-3001) Note: Full color 2.5" display and programming interface device. RS-485 communication protocol for interface with main controller.	2,057.57	108.20
23 09 23 53-0417	EA	Hood Controller (Melink Intelli-Hood 2SEN-3001) Note: 6 point field I/O device, RS-485 communication protocol, supports up to 4 field temperature sensors and 1 optic sensor system.	3,338.67	436.76
23 09 23 53-0418		**Kitchen Ventilation Sensors** *(23 09 23 53-0413)*		
23 09 23 53-0419	EA	Duct Mount Stainless Steel RTD (Melink Intelli-Hood 2SEN-3005-Q) Note: Includes UL listed mounting compression fitting, stainless steel probe protection sleeve, RJ-45 communication connector.	604.88	75.55
23 09 23 53-0420	EA	Optic Sensor System For Detection Of Cooking Effluent (Melink Intelli-Hood 2SEN-3004-28) Note: Includes air purge unit, infrared emitter/receiver with stainless steel housings. Auto-calibration, 0.2 second response time, conformal-coated circuit boards, purge pipe assembly complete with UL listed compression fittings, communication interface cables and blower box assembly.	5,208.81	419.71
23 09 23 53-0421		**Siemens Controls** *(23 09 23 53)*		
23 09 23 53-0422	EA	Concealed Temperature Set Point Adjustment, Electric Line Voltage Heating/Cooling Thermostat (Siemens 134-1083)	491.31	19.67
23 09 23 53-0423	EA	Exposed Temperature Set Point Adjustment, Electric Line Voltage Heating/Cooling Thermostat (Siemens 134-1085)	346.03	19.67
23 09 23 53-0424	EA	SPST/Manual Reset, 1" To 12" Set Point Range, Differential Static Pressure Airflow Switch (Siemens 141-0575)	354.42	88.61
23 09 23 53-0425	EA	-0.5" To 0.5" WG, Low Differential Pressure Transmitter (Siemens 141-0591)	540.20	88.61
23 09 23 53-0426	EA	Spring Clip Mounting Kit For Thermostat (Siemens 182-685)	83.27	13.12
23 09 23 53-0427	EA	Two Position, Pneumatic Circuit, RL243 Switching Relay (Siemens 243-0001)	278.39	131.16
23 09 23 53-0428	EA	3/4" Two Way, Normally Closed, 6.3 Cv, FxF, Brass Trim, Floating, Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 260-02012)	451.62	21.69
23 09 23 53-0429	EA	1" Three Way, 10 Cv, FxF, Stainless Steel Trim. Floating, Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 266-02079)	796.38	39.37
23 09 23 53-0430	EA	1" Three Way, 10 Cv, FxF, Brass Trim, 0 To 10 Volt DC, 4 To 20 mA Electronic Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 274-03203)	1,611.04	39.37
23 09 23 53-0431	EA	1-1/4" Two Way, 16 Cv, FxF, Stainless Steel Trim, 0 To 10 Volt DC Electronic Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 298-03006)	1,359.38	49.88
23 09 23 53-0432	EA	36" Rigid Probe, 4 To 20 mA, 20 To 120 Degree F Range, Duct Averaging Sensor (Siemens 535-490-36)	355.62	75.55
23 09 23 53-0433	EA	-58 To 122 Degree F Range, Outside Air Temperature Sensor (Siemens 536-768)	300.00	41.97
23 09 23 53-0434	EA	Unit Conditioner Controller With Secure Mode (Siemens 540-110C)	655.89	61.91
23 09 23 53-0435	EA	9-Pin, Female To RJ-11 Cable (Siemens 540-143)	119.56	6.55
23 09 23 53-0436	EA	Terminal Box Controller, Electronic Output, For Trane (Siemens 540-800)	1,059.68	125.91
23 09 23 53-0437	EA	MMI Extension Cable (Siemens 545-712)	313.03	6.55
23 09 23 53-0438	EA	Remote Pressure Transmitter (Siemens 547-003)	1,582.95	41.97
23 09 23 53-0439	EA	Cooling Only, GDE, BACnet Actuating Terminal Equipment Controller (Siemens 550-400)	970.42	31.48
23 09 23 53-0440	EA	BACnet Unit Conditioner Fan Coil Controller (Siemens 550-433)	840.59	83.94
23 09 23 53-0441	EA	Door Lock And Key Assembly (Siemens 567-225)	46.16	26.23
23 09 23 53-0442	EA	Insight Advanced Software Package (Siemens 571-010-381-USB) Note: Includes one user license and one sentinel key.	16,068.84	
23 09 23 53-0443	EA	BACnet Client Option For Insight Advanced Software Package (Siemens 571-188)	565.37	
23 09 23 53-0444	EA	Soft Controller Option For Insight Advanced Software Package (Siemens 571-620)	3,535.26	
23 09 23 53-0445	EA	1" Steam, Normally Open, 10 Cv, Stainless Steel Trim, Class 250 Globe Valve (Siemens 599-03059)	530.30	13.09
23 09 23 53-0446	EA	2" Steam, Normally Open, 40 Cv, Stainless Steel Trim, Class 250 Glove Valve (Siemens 599-03062)	1,117.98	22.69
23 09 23 53-0447	EA	Firefinder XLS Driver, Modular Equipment Controller With RS-485 BLN, 8 DI, 8 DO, 8 AI, 8 AO, Point Expansion Support, HOA-Ready (Siemens 986-83481C)	10,552.82	52.47
23 09 23 53-0448	EA	SiPass Driver, Modular Equipment Controller With RS-485 ALN, 8 DI, 8 DO, 8 AI, 8 AO, Point Expansion Support, Modem With HOA (Siemens 986-83482F)	12,433.56	52.47
23 09 23 53-0449	EA	7" x 13-7/16" x 3-3/4" Weather Shield (Siemens ASK75.3U)	192.93	19.67
23 09 23 53-0450	EA	Two Position, 24 Volt AC/Volt DC, Standard Cabling, Dual Auxiallary Switches, Electronic Damper Actuator With Spring Return (Siemens GMA126.1U)	485.28	54.37
23 09 23 53-0451	EA	Modulating, 0 To 10 Volt DC, 24 Volt AC/Volt DC, Standard Cabling, Electronic Damper Actuator With Spring Return (Siemens GMA161.1U)	517.89	54.37
23 09 23 53-0452	EA	License To Enable 4 TX-I/O Modules On the Island Bus And FLN Support On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-36.A)	4,668.72	
23 09 23 53-0453	EA	License To Enable FLN Support On PXC-16 or PXC-24 "F" Models (Siemens LSM-FLN)	942.74	
23 09 23 53-0454	EA	License To Enable FLN Support On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-FLN36.A)	3,034.12	
23 09 23 53-0455	EA	License To Enable BACnet Field Panel Web Server (PXC-36) Or Web Services (PXC-16/24) (Siemens LSM-FPWEB)	2,172.01	
23 09 23 53-0456	EA	License To Enable 4 TX-I/O Modules On the Island Bus On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-IB36.A)	1,867.16	
23 09 23 53-0457	EA	License To Enable SNMP Agent License To Enable SNMP Agent (Siemens LSM-SNMP)	5,520.18	
23 09 23 53-0458	EA	16-Switch HOA Upgrade Kit (Siemens PXA16-M)	877.91	2.62
23 09 23 53-0459	EA	16-Switch HOA Upgrade Kit (Extended Temp, UL 916) With HMI Cable (Siemens PXA16-MR)	979.77	10.50

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23 09 23 53-0460	EA	8-Switch HOA Upgrade Kit (Siemens PXA8-M)	496.47	2.62
23 09 23 53-0461	EA	18" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC18)	489.46	73.45
23 09 23 53-0462	EA	19" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC19)	855.57	73.45
23 09 23 53-0463	EA	34" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC34)	1,200.69	83.94
23 09 23 53-0464	EA	Serial Cable Required For HOA Or PXM10T/S Connection To Non-Rooftop Variants Of The 16-Point And 24-Point Compact Series (Siemens PXA-HMI.CABLEP5)	43.88	13.12
23 09 23 53-0465	EA	115 Volt, 24 Volt AC, 50/60 Hertz, 192 VA PX Series Service Box (Siemens PXA-SB115V192VA)	865.25	32.79
23 09 23 53-0466	EA	115 Volt, 24 Volt AC, 50/60 Hertz, 384 VA PX Series Service Box (Siemens PXA-SB115V384VA)	1,389.15	32.79
23 09 23 53-0467	EA	230 Volt, 24 Volt AC, 50/60 Hertz, 192 VA PX Series Service Box (Siemens PXA-SB230V192VA)	1,058.27	32.79
23 09 23 53-0468	EA	230 Volt, 24 Volt AC, 50/60 Hertz, 384 VA PX Series Service Box (Siemens PXA-SB230V384VA)	1,609.76	32.79
23 09 23 53-0469	EA	PXC Modular, BACnet/IP Or MS/TP ALN, P1 Or MS/TP FLN, PXX-485.3 Is Also Required As The Connection To The FLN Devices (Siemens PXC00-E96.A)	4,711.21	65.58
23 09 23 53-0470	EA	PXC Modular Series For BACnet Networks, TX-I/O Module, 96 Node (Siemens PXC100-E96.A)	6,094.21	65.58
23 09 23 53-0471	EA	Peer To Peer, TX-I/O, 96 Node, APOGEE Automation System, Programmable Controller - Modular (Siemens PXC100-PE96.A)	6,943.30	65.58
23 09 23 53-0472	EA	16 Point, BACnet/IP ALN Compact Programmable Controller (Siemens PXC16.2-E.A)	1,908.47	65.58
23 09 23 53-0473	EA	16 Point, BACnet/IP ALN, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC16.2-EF.A)	2,282.48	65.58
23 09 23 53-0474	EA	16 Point, MS/TP ALN Compact Programmable Controller (Siemens PXC16.2-M.A)	2,034.67	65.58
23 09 23 53-0475	EA	24 Point, BACnet/IP ALN Compact Programmable Controller (Siemens PXC24.2-E.A)	2,783.90	65.58
23 09 23 53-0476	EA	24 Point, BACnet/IP ALN, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC24.2-EF.A)	3,042.14	65.58
23 09 23 53-0477	EA	24 Point, BACnet/IP ALN, Rooftop Compact Programmable Controller (Siemens PXC24.2-ER.A)	2,978.08	65.58
23 09 23 53-0478	EA	24 Point, BACnet/IP ALN, Rooftop, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC24.2-ERF.A)	3,209.46	65.58
23 09 23 53-0479	EA	24 Point, MS/TP ALN Compact Programmable Controller (Siemens PXC24.2-M.A)	2,972.24	65.58
23 09 23 53-0480	EA	24 Point, MS/TP ALN, Rooftop Compact Programmable Controller (Siemens PXC24.2-MR.A)	3,207.88	65.58
23 09 23 53-0481	EA	36 Point, BACnet/IP Or MS/TP ALN Compact Programmable Controller (Siemens PXC36-E.A)	4,135.49	65.58
23 09 23 53-0482	EA	36 Point, BACnet/IP or MS/TP ALN, Island Bus, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC36-EF.A)	8,254.21	65.58
23 09 23 53-0483	EA	License To Enable The Island Bus On PXC00-E96.A and PXC00-PE96.A (Siemens PXF-TXIO.A)	1,400.65	
23 09 23 53-0484	EA	Controller Mounted Operator Display Module With Point Monitor And Optional Blue Backlight (Siemens PXM10S)	557.12	32.79
23 09 23 53-0485	EA	Controller Mounted Operator Display Module (Siemens PXM10T)	405.88	32.79
23 09 23 53-0486	EA	Provides FLN Support For The PXC Modular (Siemens PXX-485.3) Note: Includes Three RS-485 P1 FLN Connections Or One MS/TP FLN Connection, Maximum Of 96 Devices Supported	924.82	26.23
23 09 23 53-0487	EA	Full Feature With Display, Override And Temperature Setpoint Adjustment, Room Temperature Sensor, 10K Ohm Type III Thermistor (Siemens QAA22SS.FWSN)	313.44	32.79
23 09 23 53-0488	EA	Digital Temperature Room Unit for TEC, Sensing, Setpoint, Override, Display, No Logo (Siemens QAA2280.FWNC)	305.56	41.97
23 09 23 53-0489	EA	4" Platinum, 1,000 Ohm, 385 Alpha Probe, Immersion Temperature Sensor (Siemens QAE2012.010)	152.10	32.79
23 09 23 53-0490	EA	8" Platinum, 1,000 Ohm, 385 Alpha Probe, Duct Temperature Sensor (Siemens QAM2012.020)	113.42	32.79
23 09 23 53-0491	EA	24' Flexible Averaging Probe (Siemens QAM2012.750)	334.75	65.58
23 09 23 53-0492	EA	2 Meter Flexible Duct Temperature Sensor With Four Mounting Clamps (Siemens QAM2120.200)	213.98	49.18
23 09 23 53-0493	EA	10 HP, 240 Volt, NEMA 2 Variable Frequency Drive (Siemens SED2-7.5/22X)	3,760.38	422.59
23 09 23 53-0494	EA	Two Sets, Address Keys 1 - 12, Accessory For TX-I/O Module (Siemens TXA1.K12)	39.92	13.12
23 09 23 53-0495	EA	Labels For HOA And TX-I/O Modules (Siemens TXA1.LLT-P100)	0.92	
23 09 23 53-0496	EA	16 Digital Input Module (Siemens TXM1.16D)	694.03	13.12
23 09 23 53-0497	EA	6 Digital Output Relay Points, Manual Override, Digital Output Module (Siemens TXM1.6R-M)	1,050.86	13.12
23 09 23 53-0498	EA	8 Universal Points, Local Override/Identification, Digital Output Module (Siemens TXM1.8X-ML)	1,687.66	26.23
23 09 23 53-0499	EA	1.2 A, 4A Fuse, Power Supply (Siemens TXS1.12F4)	515.67	7.87
23 09 23 53-0500		Trane Controls *(23 09 23 53)*		
23 09 23 53-0501		Software *(23 09 23 53-0500)* Note: Excludes programming, set-up and commissioning of application.		
23 09 23 53-0502	EA	Summit + Building Management Package (Trane 40201152)	7,978.79	
23 09 23 53-0503	EA	Summit Current Version Software (Trane 40201111)	4,504.86	
23 09 23 53-0504	EA	Summit Customer Upgrade Package, Currently V10-V16 To V17 (Trane 40201113)	1,088.90	
23 09 23 53-0505	EA	Rover Service Software And Hardware, Complete Kit (Trane X1365150001)	4,477.65	
23 09 23 53-0506	EA	Tracer SC With -X1365152401 - BACnet (2 Pack) (Trane BMSC000AAA011000)	12,379.10	
23 09 23 53-0507		EMCS Central Equipment And Controllers *(23 09 23 53-0500)*		
23 09 23 53-0508	EA	Summit BTMX Operator Display Upgrade (Trane 40201224)	6,874.94	524.63
23 09 23 53-0509	EA	Summit BTMX Retrofit Kit For BMTS And BMTW BCU (Trane 49500531)	15,712.28	524.63
23 09 23 53-0510	EA	Summit BTMX Retrofit Kit For Tracer 100 (Trane 49500532)	15,712.28	524.63
23 09 23 53-0511	EA	Summit BTMX, 120 Volt, (Trane BMTX-001-A-A-B0-00)	13,793.38	524.63
23 09 23 53-0512	EA	Summit BTMX, 120 Volt, With Display (Trane BMTX-001-A-A-B0-10)	16,024.46	524.63
23 09 23 53-0513	EA	Summit CCP Upgrade ROM Kit (Trane 40201095)	242.24	32.79
23 09 23 53-0514	EA	Summit Comm5 Repeater (Trane 49500457)	1,868.15	262.31
23 09 23 53-0515	EA	AHU Controller MP580/581 E Board Only (Trane 40201157)	3,182.27	327.89
23 09 23 53-0516	EA	AHU Controller MP581 120 Volt AC With Enclosure And Display (Trane BMTM000AAC01)	4,085.06	393.48
23 09 23 53-0517	EA	AHU Controller MP581 120 Volt AC With Enclosure, No Display (Trane BMTM000AAC00)	3,198.36	393.48
23 09 23 53-0518	EA	AHU Controller MP581 Operator Door Display (Trane 40201156)	2,698.10	393.48
23 09 23 53-0519	EA	AHU Controller MP581 Portable, Rugged, With Case (Trane 49500491)	2,695.31	393.48
23 09 23 53-0520	EA	Controller MP503 I/O Module With Metal Enclosure (Trane 49500590)	1,219.26	131.16
23 09 23 53-0521	EA	Controller MP503 I/O Module With Plastic Cover (Trane 49500490)	1,109.04	131.16
23 09 23 53-0522	EA	Controller MP581 EX2 Expansion Module With Metal Enclosure (Trane 49500500)	1,997.74	262.31
23 09 23 53-0523	EA	Controller MP581 EX2 Expansion Module With Plastic Cover (Trane 49500499)	1,906.34	262.31
23 09 23 53-0524	EA	2 Position, FCU Controller ZN511 Zone With Metal Enclosure (Trane 49500569)	1,068.66	131.16
23 09 23 53-0525	EA	2 Position, FCU Controller ZN511 Zone With Plastic Cover (Trane 4950-0469)	935.94	131.16
23 09 23 53-0526	EA	4 Position, FCU Controller ZN517 Zone With Metal Enclosure (Trane 49500596)	1,395.25	131.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0527	EA	4 Position, FCU Controller ZN517 Zone With Plastic Cover (Trane 49500496)	1,263.25	131.16
23 09 23 53-0528	EA	Modulating FCU Controller ZN520 Zone With Plastic Cover (Trane 4950049)	1,080.48	131.16
23 09 23 53-0529	EA	Modulating FCU Controller ZN520 Zone With Plastic Cover (Trane 49500496)	1,029.79	131.16
23 09 23 53-0530	EA	Modulating Tri ST FCU Controller ZN521 Zone With Metal Cover (Trane 49500570)	1,185.43	131.16
23 09 23 53-0531	EA	Modulating Tri ST FCU Controller ZN521 Zone With Plastic Cover (Trane 49500470)	1,080.48	131.16
23 09 23 53-0532	EA	DDC VAV Retrofit Kit (Trane VRTODD01)	1,498.31	262.31
23 09 23 53-0533	EA	DDC VAV Retrofit Kit With Belimo Actuator (Trane VRTODD01BLMO)	1,628.84	262.31
23 09 23 53-0534		Network, VAV And Special Sensors *(23 09 23 53-0500)*		
23 09 23 53-0535	EA	Digital Display Zone Sensor (Trane X13790464010)	255.31	41.97
23 09 23 53-0536	EA	Single Setpoint Wall Mounted Zone Temperature Sensor (Trane X13511529010)	169.81	41.97
23 09 23 53-0537	EA	Wall Mounted Zone Temperature-Only Sensor (Trane X13511528010)	155.39	41.97
23 09 23 53-0538	EA	Ceiling Mount Zone Occupancy Sensor (Trane X13790421-01)	314.78	47.22
23 09 23 53-0539	EA	Zone LCD O/C Setpoint, 3 Speed Fan (Trane 41901121)	189.52	41.97
23 09 23 53-0540	EA	Zone Sensor LCD O/C Setpoint (Trane 41901120)	189.52	41.97
23 09 23 53-0541	EA	Duct CO2 Sensor, 0 To 2,000 ppm (Trane X13790423010)	663.72	75.55
23 09 23 53-0542	EA	Room CO2 Sensor, 0 To 2,000 ppm (Trane X13790422010)	608.61	41.97
23 09 23 53-0543	EA	Transformer 120/24 40 VA (Trane X13550284010)	148.18	41.97
23 09 23 53-0544	EA	Transformer 24 Volt AC Wall Plug-In (Trane 35803005)	143.03	41.97
23 09 23 53-0545	EA	Transformer UL Listed 120 Volt AC, 40 VA (Trane 35812022)	134.79	41.97
23 09 23 53-0546	EA	Controller UC400 VAV Kit With Enclosure, And Belimo (Trane 5189454010)	1,681.93	262.31
23 09 23 53-0547	EA	Controller UC400 VAV Kit With Enclosure, No Actuator (Trane 5189456010)	1,611.51	262.31
23 09 23 53-0548	EA	Controller UC400 XM32 Module (4 Relay) (Trane X13651563010)	1,464.56	262.31
23 09 23 53-0549	EA	Controller UC400 XM70 (8UI,6UI/AO,4R,1P) (Trane X13651568010)	2,615.94	393.48
23 09 23 53-0550	EA	Controller UC400 XM30 I/O Module (4 UI/AO) (Trane X13651537010)	1,464.56	262.31
23 09 23 53-0551	EA	Controller UC210 VAV With Belimo Actuator (Trane BMUC210AAA0B00011)	1,539.10	262.31
23 09 23 53-0552	EA	Controller UC210 VAV Without Actuator (Trane BMUC210AAA0100011)	1,544.90	262.31
23 09 23 53-0553	EA	Controller Optional Metal Enclosure, UC210 (Trane 501898)	558.23	261.20
23 09 23 53-0554	EA	Controller UC400 PM014 24 Volt AC To 1.4 Amperes, 24 Volt DC (Trane X1365153801)	806.30	261.20
23 09 23 53-0555	EA	Controller Tracer UC600 Controller (Trane BMUC600AAA0100011)	2,928.05	393.48
23 09 23 53-0556	EA	Controller UC600 Tracer TD7 Display (Trane X13651571010)	2,814.74	393.48
23 09 23 53-0557	EA	Controller UC600 TD7 Mounting Bracket (Trane X05010511010)	173.93	52.27
23 09 23 53-0558	EA	Controller UC400 13" DIN Rail Enclosure, 120 Volt (Trane X13651559010)	628.42	52.27
23 09 23 53-0559	EA	SC 24" DIN Rail Enclosure, 120 Volt (Trane X13651552010)	2,998.09	393.48
23 09 23 53-0560	EA	BACnet Term (2 Pack) (Trane X1365152401)	276.14	94.04
23 09 23 53-0561	EA	Tracer ES Add License (Trane X40250125010)	3,596.23	
23 09 23 53-0562	EA	Kit - Tracer TU For Controls (Trane X4509151201)	5,501.83	524.63
23 09 23 53-0563	EA	Kit - Tracer TU Complete (Trane X4509151301)	7,228.19	524.63
23 09 23 53-0564	EA	Tracer TU Adapter Wired/Wireless (Trane X13651529010)	712.89	94.04
23 09 23 53-0565	EA	Sensor Wireless Zone Sensor, Fahrenheit (Trane X13790492010)	409.02	94.04
23 09 23 53-0566	EA	Sensor Wireless Display Sensor (Trane X13790822010)	462.58	94.04
23 09 23 53-0567	EA	Sensor Wireless Receiver, 100mW (Trane X13790854010)	414.17	94.04
23 09 23 53-0568	EA	Sensor Wireless Comm Interface (WCI) Indoor, 100mW (Trane X13790901010)	562.35	94.04
23 09 23 53-0569	EA	Sensor Wireless Comm Interface (WCI) Outdoor, 100mW (Trane X13790941010)	612.81	94.04
23 09 23 53-0570		Control Sensors, Meters, Relays, Power Supplies, Valves, Dampers And Actuators *(23 09 23 53)*		
23 09 23 53-0571		Room Pressure Monitoring *(23 09 23 53-0570)*		
23 09 23 53-0572	EA	Hospital Room Pressure Monitor With Digital Interface Monitor, Through Wall Sensor Transformer And Plenum Rated Cable (TSI 8640-PM)	3,649.59	67.97
23 09 23 53-0573	EA	Hospital Room Pressure Controller With Digital Interface Monitor, Through Wall Sensor Transformer And Plenum Rated Cable (TSI 8630-PC) Note: Excludes dampers and actuators.	5,885.57	67.97
23 09 23 53-0574	EA	Hospital Room Pressure Status Remote Visual Display (TSI 8694-4)	462.15	40.78
23 09 23 53-0575	EA	Hospital Room Pressure Status Remote Negative/Neutral Key Switch (TSI 8694-7)	533.51	40.78
23 09 23 53-0576		Current Switches And Current Sensors *(23 09 23 53-0570)*		
23 09 23 53-0577	EA	Up To 20 Amperes, 0 To 5 Volt DC, Current Sensor (Senva C-1203)	158.48	41.97
23 09 23 53-0578	EA	Up To 20 Amperes, 4-20mA, Current Sensor (Senva C-1205)	164.66	41.97
23 09 23 53-0579	EA	0.5 To 135 Amperes Range, Split Core, VFD Current Switch (Senva C-2350VFD-L)	255.31	41.97
23 09 23 53-0580	EA	0.15 To 100 Amperes Range, Split Core, Current Switch With NC Command Relay (Senva C-2300 And CR4-24)	150.24	41.97
23 09 23 53-0581	EA	0 To 50/100/200 Amperes (Selectable), 4-20mA, 0 To 5 Volt DC, Split Core, DC Current Sensor (Veris H970HCA)	465.44	41.97
23 09 23 53-0582	EA	0 To 20/40/80 Amperes (Selectable), 0-20mA, 0 To 5 Volt DC, Split Core, DC Current Sensor (Veris H970LCC)	296.24	41.97
23 09 23 53-0583	EA	1 To 135 Amperes, N.O. Contact, 1 Ampere At 110 Volt, Current Switch (Veris H709)	225.62	41.97
23 09 23 53-0584	EA	0 To 10/20/40 Amperes, 4-20mA Analog Output, Solid Core, Loop Powered, Current Switch (Veris H721)	225.62	41.97
23 09 23 53-0585	EA	Energy Meter H8163 Series, With BACnet Output (Veris H8186-CB-BAC)	6,089.81	209.86
23 09 23 53-0586	EA	100 Amperes, Modbus RTU, Power Transducer (Veris H8035-0100-2) Note: 3 phase networked transducer.	1,548.43	41.97
23 09 23 53-0587	EA	2,400 Amperes, Three Current Switches, Pulse Output, Phase Loss Alarm Output, Energy Meter (Veris H8163-2400-4-3)	2,354.55	41.97
23 09 23 53-0588	EA	Up To 20 Amperes, 0-5 Volt DC, Current Transducer (Kele 4CTV)	242.21	41.97
23 09 23 53-0589	EA	Solid Core Fixed Setpoint Digital Output Current Switch (Veris H-800)	359.87	111.49
23 09 23 53-0590	EA	Split Core Fixed Setpoint Digital Output Current Switch (Veris H-900)	360.36	111.49
23 09 23 53-0591	EA	Solid Core Adjustable Setpoint Digital Output Current Sensor (Veris H-708)	385.09	111.49
23 09 23 53-0592	EA	Split Core Adjustable Setpoint Digital Output Current Sensor (Veris H-908)	391.27	111.49
23 09 23 53-0593	EA	Solid And Split Core Adjustable Setpoint Digital Output VFD Current Switch (Veris H-904)	426.29	111.49
23 09 23 53-0594	EA	Toggle Switch	146.83	52.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0595	EA	Maintained Pushbutton Switch	156.92	52.47
23 09 23 53-0596	EA	Manual Time Switch	252.06	52.47
23 09 23 53-0597	EA	Emergency Stop Switch	422.20	52.47
23 09 23 53-0598	EA	Float Switch	405.60	52.47
23 09 23 53-0599	EA	Break Glass Switch	1,333.88	52.47
23 09 23 53-0600	EA	Boiler E-Stop Switch	815.67	52.47
23 09 23 53-0601		Relays *(23 09 23 53-0570)*		
23 09 23 53-0602	EA	DPDT, 24 Volt AC, Blade, Standard Relay (Kele RH2B-UAC24V)	130.67	41.97
23 09 23 53-0603	EA	SPDT, 24 Volt AC/Volt DC, 120 Volt AC Multi-Voltage Relay Module (Kele PAM-1)	143.34	41.97
23 09 23 53-0604	EA	SPDT, 24 Volt AC/Volt DC, 120 Volt AC Power Relay (Kele RIB2401B) Note: Box type.	202.98	52.47
23 09 23 53-0605	EA	Motor Starter Interface, 300msec Pulse (Kele PIL-2)	257.00	41.97
23 09 23 53-0606	EA	DP Relay Socket, DIN Rail Mounted (Kele SH2B-05)	121.48	41.97
23 09 23 53-0607	EA	SP Relay Socket, DIN Rail Mounted (Kele SH1B-05)	119.63	41.97
23 09 23 53-0608	EA	SPDT, 24 Volt AC, Blade, Standard Relay (Kele RH1B-UAC24V)	130.67	41.97
23 09 23 53-0609	EA	DPDT, 24 Volt AC, Blade, Indicator Light Relay (Kele RH2B-ULAC24V)	136.46	41.97
23 09 23 53-0610	EA	SPDT, 24 Volt AC, Blade, Indicator Light Relay (Kele RH1B-ULAC24V)	138.05	41.97
23 09 23 53-0611	EA	SPDT Pilot Relay, Universal (Kele RIBU1C) Note: Box type.	149.60	52.47
23 09 23 53-0612	EA	SPST Pilot Relay With HOA Switch (Kele RIBU1S) Note: Box type.	201.31	52.47
23 09 23 53-0613	EA	SPDT 3 Phase Line Voltage Monitor, .1-5 Minute Delay On Break Timer (ICM400)	360.78	52.47
23 09 23 53-0614	EA	SPDT 3-Phase Line Voltage Monitor, 0-10 Minute Delay On Break Timer (ICM450)	358.49	52.47
23 09 23 53-0615		Transformers *(23 09 23 53-0570)*		
23 09 23 53-0616	EA	50 VA, 120/240/277/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X050CBA)	157.12	41.97
23 09 23 53-0617	EA	75 VA, 120-24 Volt AC, CB Foot And Dual Hub Control Transformer (Veris X075CAB)	171.50	41.97
23 09 23 53-0618	EA	75 VA, 120/208/240/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X075CBA)	171.50	41.97
23 09 23 53-0619	EA	100 VA, 120-24 Volt AC, CB Foot And Dual Hub Control Transformer (Veris X100CAB)	184.52	41.97
23 09 23 53-0620	EA	100 VA, 120/240/277/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X100CBA)	192.54	41.97
23 09 23 53-0621		Power Supplies *(23 09 23 53-0570)*		
23 09 23 53-0622	EA	Solid Core Current Operated Switch, Terminals, Adjustable Trip, 0.5-150A, SPST (Kele RIBXKTA)	238.02	41.97
23 09 23 53-0623	EA	AC/DC Power Supply, 1.2 Amperes At 24 Volt Output (Kele DCPA-1.2)	277.93	41.97
23 09 23 53-0624	EA	DC Power Supply, 5 Volt DC And 24 Volt DC Output (Kele DCP-524)	259.94	41.97
23 09 23 53-0625	EA	DC Power Supply, 24 Volt DC, DIN Rail Mounted (Kele DCP-250-D)	268.45	41.97
23 09 23 53-0626	EA	DC Power Supply, 24 Volt DC, Hub Mounted (Kele DCP-250-H)	260.87	41.97
23 09 23 53-0627	EA	DC Power Supply, 24 Volt DC, Panel Mounted (Kele DCP-250-P)	273.56	41.97
23 09 23 53-0628	EA	DC Power Supply, 24 Volt AC In To Custom DC Out, At 1.5 Amperes (Kele DCP-1.5-W-C)	203.72	41.97
23 09 43		**Pneumatic Control System For HVAC** *(23 09)*		
23 09 43 00-0001		Pneumatic Tubing For HVAC Instrumentation and Control Devices *(23 09 43)*		
23 09 43 00-0002		Polyurethane Pneumatic Tubing *(23 09 43 00-0001)*		
23 09 43 00-0003	LF	1/4" Outside Diameter x 1/32" Thick Wall Polyurethane Pneumatic Tubing	2.65	1.03
23 09 43 00-0004	LF	5/32" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing	3.38	1.06
23 09 43 00-0005	LF	3/8" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing	4.42	1.09
23 09 43 00-0006	LF	1/2" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing	5.61	1.12
23 09 43 00-0007		Fire Resistant Polyethylene Pneumatic Tubing *(23 09 43 00-0001)*		
23 09 43 00-0008	LF	1/4" Outside Diameter x .040" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	2.36	1.03
23 09 43 00-0009	LF	5/32" Outside Diameter x .030" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	2.54	1.06
23 09 43 00-0010	LF	3/8" Outside Diameter x .062" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	2.91	1.09
23 09 43 00-0011	LF	1/2" Outside Diameter x .062" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	3.63	1.12
23 09 43 00-0012		Nylon Pneumatic Tubing *(23 09 43 00-0001)*		
23 09 43 00-0013	LF	1/8" Outside Diameter x .016" Thick Wall Nylon Pneumatic Tubing	2.80	1.00
23 09 43 00-0014	LF	1/4" Outside Diameter x .035" Thick Wall Nylon Pneumatic Tubing	3.72	1.03
23 09 43 00-0015	LF	3/8" Outside Diameter x .050" Thick Wall Nylon Pneumatic Tubing	5.64	1.09
23 09 43 00-0016	LF	1/2" Outside Diameter x .062" Thick Wall Nylon Pneumatic Tubing	7.25	1.12
23 09 43 00-0017		Flexible Vinyl Pneumatic Tubing *(23 09 43 00-0001)*		
23 09 43 00-0018	LF	1/4" Outside Diameter Flexible Vinyl Pneumatic Tubing	2.73	1.03
23 09 43 00-0019	LF	3/8" Outside Diameter Flexible Vinyl Pneumatic Tubing	4.45	1.09
23 09 43 00-0020	LF	1/2" Outside Diameter Flexible Vinyl Pneumatic Tubing	5.37	1.12
23 09 43 00-0021	LF	5/8" Outside Diameter Flexible Vinyl Pneumatic Tubing	6.55	1.16
23 09 43 00-0022	LF	3/4" Outside Diameter Flexible Vinyl Pneumatic Tubing	7.41	1.19
23 09 43 00-0023	LF	1" Outside Diameter Flexible Vinyl Pneumatic Tubing	10.18	1.22
23 09 43 00-0024		Braided Vinyl Pneumatic Tubing *(23 09 43 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 43 00-0025	LF	5/8" Outside Diameter Braided Vinyl Pneumatic Tubing	3.72	1.16
23 09 43 00-0026	LF	3/4" Outside Diameter Braided Vinyl Pneumatic Tubing	4.33	1.19
23 09 43 00-0027	LF	1" Outside Diameter Braided Vinyl Pneumatic Tubing	5.43	1.22
23 09 43 00-0028		Copper Pneumatic Tubing *(23 09 43 00-0001)*		
23 09 43 00-0029	LF	1/4" Outside Diameter Copper Pneumatic Tubing	6.22	2.22
23 09 43 00-0030	LF	3/8" Outside Diameter Copper Pneumatic Tubing	7.71	2.56
23 09 43 00-0031	LF	1/2" Outside Diameter Copper Pneumatic Tubing	8.98	2.94
23 09 43 00-0032	LF	5/8" Outside Diameter Copper Pneumatic Tubing	11.30	3.39
23 09 43 00-0033	LF	3/4" Outside Diameter Copper Pneumatic Tubing	12.80	3.89
23 09 43 00-0034		Brass Couplings *(23 09 43 00-0001)*		
23 09 43 00-0035		Straight Brass Couplings *(23 09 43 00-0034)* Note: Barb x Barb		
23 09 43 00-0036	EA	1/4" x 1/4" Straight Brass Coupling	12.08	5.61
23 09 43 00-0037	EA	3/8" x 1/4" Straight Brass Coupling	12.22	5.61
23 09 43 00-0038	EA	3/8" x 3/8" Straight Brass Coupling	12.36	5.61
23 09 43 00-0039		Elbow Brass Couplings *(23 09 43 00-0034)* Note: Barb x Barb		
23 09 43 00-0040	EA	1/4" x 1/4" Elbow Brass Coupling	12.86	5.61
23 09 43 00-0041	EA	3/8" x 3/8" Elbow Brass Coupling	13.33	5.61
23 09 43 00-0042		Tee Brass Couplings *(23 09 43 00-0034)* Note: Barb x Barb		
23 09 43 00-0043	EA	1/4" x 1/4" x 1/4" Tee Brass Coupling	19.62	8.73
23 09 43 00-0044	EA	3/8" x 3/8" x 1/4" Tee Brass Coupling	22.57	9.35
23 09 43 00-0045	EA	3/8" x 3/8" x 3/8" Tee Brass Coupling	22.07	9.35

23 10 Facility Fuel Systems *(23)*

23 11 Facility Fuel Piping *(23 10)*

23 11 23 Facility Natural-Gas Piping *(23 11)*

See CSI section 23 21 13 23-0001 for threaded black steel pipe, 33 52 16 00-0000 for underground MDPE and HDPE pipe.

23 11 23 00-0001		Corrugated Stainless Steel Tubing (CSST), Flexible Gas Piping *(23 11 23)*		
23 11 23 00-0002		Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0001)* Note: Includes UV resistant polyethylene jacket. Excludes fittings and pipe hangers.		
23 11 23 00-0003	LF	3/8" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	6.53	2.19
23 11 23 00-0004	LF	1/2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	7.19	2.37
23 11 23 00-0005	LF	3/4" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	8.59	2.56
23 11 23 00-0006	LF	1" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	10.81	2.71
23 11 23 00-0007	LF	1-1/4" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	12.71	2.85
23 11 23 00-0008	LF	1-1/2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	19.22	2.96
23 11 23 00-0009	LF	2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	25.96	3.15
23 11 23 00-0010		Fittings And Accessories For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0001)*		
23 11 23 00-0011		Male Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0012	EA	3/8" x 1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	31.26	
23 11 23 00-0013	EA	3/8" x 3/8", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	31.26	
23 11 23 00-0014	EA	1/2" x 3/8", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	33.50	
23 11 23 00-0015	EA	1/2" x 1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	33.50	
23 11 23 00-0016	EA	3/4" x 3/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	40.15	
23 11 23 00-0017	EA	1" x 3/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	54.94	
23 11 23 00-0018	EA	1" x 1", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	54.94	
23 11 23 00-0019	EA	1-1/4" x 1-1/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	92.61	
23 11 23 00-0020	EA	1-1/2" x 1-1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	168.61	
23 11 23 00-0021	EA	2" x 2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	272.32	
23 11 23 00-0022		Female Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0023	EA	3/8" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	30.30	
23 11 23 00-0024	EA	1/2" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	33.50	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0025	EA	1/2" x 3/8", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	33.50	
23 11 23 00-0026	EA	3/4" x 3/4", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	40.15	
23 11 23 00-0027	EA	3/4" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	40.15	
23 11 23 00-0028	EA	1" x 3/4", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	52.57	
23 11 23 00-0029	EA	1" x 1", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	52.57	
23 11 23 00-0030		Reducing Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0031	EA	3/4" x 1/2", (CSST x Threaded) Reducing Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	40.73	
23 11 23 00-0032	EA	1" x 3/4", (CSST x Threaded) Reducing Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	53.44	
23 11 23 00-0033		Couplings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0034	EA	3/8" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	41.71	
23 11 23 00-0035	EA	1/2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	46.23	
23 11 23 00-0036	EA	3/4" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	57.86	
23 11 23 00-0037	EA	1" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	82.56	
23 11 23 00-0038	EA	1-1/4" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	153.69	
23 11 23 00-0039	EA	1-1/2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	298.96	
23 11 23 00-0040	EA	2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	495.68	
23 11 23 00-0041		Tees For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0042	EA	1/2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	57.74	
23 11 23 00-0043	EA	3/4" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	92.23	
23 11 23 00-0044	EA	1" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	145.40	
23 11 23 00-0045	EA	1-1/4" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	249.26	
23 11 23 00-0046	EA	1-1/2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	267.96	
23 11 23 00-0047	EA	2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	307.50	
23 11 23 00-0048		Indoor Termination Fittings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0049	EA	3/8" x 1/2", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	37.53	
23 11 23 00-0050	EA	1/2" x 1/2", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	38.83	
23 11 23 00-0051	EA	3/4" x 3/4", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	42.22	
23 11 23 00-0052	EA	1" x 3/4", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	56.50	
23 11 23 00-0053	EA	1" x 1", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	57.31	
23 11 23 00-0054		Outdoor Termination Fittings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0055	EA	3/8" x 1/2", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	41.28	
23 11 23 00-0056	EA	1/2" x 1/2", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	42.42	
23 11 23 00-0057	EA	3/4" x 3/4", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	49.83	
23 11 23 00-0058	EA	1" x 3/4", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	58.64	
23 11 23 00-0059	EA	1" x 1", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	58.64	
23 11 23 00-0060		Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0061	EA	3/8" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	65.51	
23 11 23 00-0062	EA	1/2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	67.18	
23 11 23 00-0063	EA	3/4" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	70.41	
23 11 23 00-0064	EA	1" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	110.77	
23 11 23 00-0065	EA	1-1/4" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	114.97	
23 11 23 00-0066	EA	1-1/2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	164.94	
23 11 23 00-0067	EA	2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	204.65	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0068		**Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
23 11 23 00-0069	EA	3/8" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	69.14	
23 11 23 00-0070	EA	1/2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	70.74	
23 11 23 00-0071	EA	3/4" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	77.89	
23 11 23 00-0072	EA	1" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	139.36	
23 11 23 00-0073	EA	1-1/4" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	143.80	
23 11 23 00-0074	EA	1-1/2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	197.08	
23 11 23 00-0075	EA	2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	248.19	
23 11 23 00-0076		**Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
23 11 23 00-0077	EA	1/2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	39.85	
23 11 23 00-0078	EA	3/4" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	43.01	
23 11 23 00-0079	EA	1" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	64.91	
23 11 23 00-0080	EA	1-1/4" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	99.39	
23 11 23 00-0081	EA	1-1/2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	192.10	
23 11 23 00-0082	EA	2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	305.21	
23 11 23 00-0083		**Stub-Outs For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
		Note: Includes mounting plate.		
23 11 23 00-0084	EA	1/2" Appliance Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	34.40	
23 11 23 00-0085	EA	3/4" Appliance Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	37.49	
23 11 23 00-0086	EA	1/2" Fireplace Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	34.44	
23 11 23 00-0087	EA	1/2" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	34.55	
23 11 23 00-0088	EA	3/4" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	36.04	
23 11 23 00-0089	EA	1" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	42.73	
23 11 23 00-0090	EA	1-1/4" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	51.30	
23 11 23 00-0091		**Flush Mount Gas Valve Kits For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
		Note: Includes flush fitting plastic valve box and 90 degree brass shut-off valve.		
23 11 23 00-0092	EA	1/2" x 1/2", (CSST x Threaded) Flush Mount Gas Valve Kit For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	96.96	22.96
23 11 23 00-0093	EA	3/4" x 3/4", (CSST x Threaded) Flush Mount Gas Valve Kit For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	109.42	24.10
23 11 23 00-0094		**Shut-Off Valves For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
23 11 23 00-0095	EA	3/8" x 1/2", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	69.82	20.09
23 11 23 00-0096	EA	1/2" x 1/2", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	81.27	23.87
23 11 23 00-0097	EA	3/4" x 3/4", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	99.67	28.70
23 11 23 00-0098	EA	1" x 3/4", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	124.85	38.33
23 11 23 00-0099		**Manifolds For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
		Note: Includes mounting hardware.		
23 11 23 00-0100	EA	1/2" Inlet, Three 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	85.69	23.87
23 11 23 00-0101	EA	3/4" Inlet, Three 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	97.36	28.70
23 11 23 00-0102	EA	1/2" Inlet, Four 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	91.67	23.87
23 11 23 00-0103	EA	3/4" Inlet, Four 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	101.23	28.70
23 11 23 00-0104	EA	2" x 1-1/2" Inlet, Four 1" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	194.19	71.73
23 11 23 00-0105		**Pressure Regulators For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
23 11 23 00-0106	EA	1/2" Port, 250 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	90.53	23.87
23 11 23 00-0107	EA	1/2" Port, 355 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	90.53	23.87
23 11 23 00-0108	EA	1/2" Port, 425 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	126.31	23.87
23 11 23 00-0109	EA	3/4" Port, 550 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	135.87	28.70
23 11 23 00-0110	EA	3/4" Port, 810 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	135.87	28.70
23 11 23 00-0111	EA	1" Port, 550 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	154.99	38.33
23 11 23 00-0112	EA	1-1/4" Port, 1,000 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	230.85	43.04
23 11 23 00-0113	EA	1/2" Port, 200 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	119.98	23.87
23 11 23 00-0114	EA	3/4" Port, 425 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	297.90	28.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0115	EA	1-1/4" Port, 900 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	722.63	43.04
23 11 23 00-0116		Polymer Coated Stainless Steel, Flexible Gas Appliance Connectors (Brass Craft) *(23 11 23)*		
23 11 23 00-0117		3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0118	EA	12" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-12)	47.11	17.22
23 11 23 00-0119	EA	18" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-18)	51.31	18.36
23 11 23 00-0120	EA	24" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-24)	55.34	18.36
23 11 23 00-0121	EA	30" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-30)	57.96	19.51
23 11 23 00-0122	EA	36" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-36)	61.23	19.51
23 11 23 00-0123	EA	48" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-48)	68.34	20.66
23 11 23 00-0124	EA	60" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-60)	74.81	20.66
23 11 23 00-0125	EA	72" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-72)	81.21	21.81
23 11 23 00-0126		3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0127	EA	12" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-12)	47.11	17.22
23 11 23 00-0128	EA	18" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-18)	51.31	18.36
23 11 23 00-0129	EA	24" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-24)	55.34	18.36
23 11 23 00-0130	EA	30" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-30)	57.96	19.51
23 11 23 00-0131	EA	36" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-36)	61.23	19.51
23 11 23 00-0132	EA	48" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-48)	68.34	20.66
23 11 23 00-0133	EA	60" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-60)	74.81	20.66
23 11 23 00-0134	EA	72" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-72)	81.21	21.81
23 11 23 00-0135		3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0136	EA	12" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-12)	47.11	17.22
23 11 23 00-0137	EA	18" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-18)	51.31	18.36
23 11 23 00-0138	EA	24" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-24)	55.34	18.36
23 11 23 00-0139	EA	30" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-30)	57.96	19.51
23 11 23 00-0140	EA	36" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-36)	61.23	19.51
23 11 23 00-0141	EA	48" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-48)	68.34	20.66
23 11 23 00-0142	EA	60" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-60)	74.81	20.66
23 11 23 00-0143	EA	72" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-72)	81.21	21.81
23 11 23 00-0144		3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0145	EA	12" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-12)	47.11	17.22
23 11 23 00-0146	EA	18" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-18)	51.31	18.36
23 11 23 00-0147	EA	24" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-24)	64.98	18.36
23 11 23 00-0148	EA	30" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-30)	57.96	19.51
23 11 23 00-0149	EA	36" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-36)	61.23	19.51
23 11 23 00-0150	EA	48" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-48)	68.34	20.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0151	EA	60" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-60)	74.81	20.66
23 11 23 00-0152	EA	72" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-72)	81.21	21.81
23 11 23 00-0153		**3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0154	EA	12" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-12)	50.83	17.22
23 11 23 00-0155	EA	18" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-18)	55.92	18.36
23 11 23 00-0156	EA	24" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-24)	55.34	18.36
23 11 23 00-0157	EA	30" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-30)	63.84	19.51
23 11 23 00-0158	EA	36" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-36)	61.23	19.51
23 11 23 00-0159	EA	48" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-48)	68.34	20.66
23 11 23 00-0160	EA	60" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-60)	74.81	20.66
23 11 23 00-0161	EA	72" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-72)	81.21	21.81
23 11 23 00-0162		**3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0163	EA	12" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-12)	47.11	17.22
23 11 23 00-0164	EA	24" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-24)	60.80	18.36
23 11 23 00-0165	EA	30" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-30)	57.96	19.51
23 11 23 00-0166	EA	36" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-36)	61.23	19.51
23 11 23 00-0167	EA	48" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-48)	68.34	20.66
23 11 23 00-0168	EA	60" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-60)	84.63	20.66
23 11 23 00-0169	EA	72" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-72)	81.21	21.81
23 11 23 00-0170		**3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0171	EA	12" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-12)	47.11	17.22
23 11 23 00-0172	EA	18" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-18)	51.31	18.36
23 11 23 00-0173	EA	24" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-24)	55.34	18.36
23 11 23 00-0174	EA	30" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-30)	57.96	19.51
23 11 23 00-0175	EA	36" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-36)	61.23	19.51
23 11 23 00-0176	EA	48" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-48)	68.34	20.66
23 11 23 00-0177	EA	60" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-60)	74.81	20.66
23 11 23 00-0178	EA	72" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-72)	81.21	21.81
23 11 23 00-0179		**3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0180	EA	12" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-12)	47.11	17.22
23 11 23 00-0181	EA	18" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-18)	51.31	18.36
23 11 23 00-0182	EA	24" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-24)	55.34	18.36
23 11 23 00-0183	EA	30" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-30)	57.96	19.51
23 11 23 00-0184	EA	36" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-36)	61.23	19.51
23 11 23 00-0185	EA	48" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-48)	68.34	20.66
23 11 23 00-0186	EA	60" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-60)	74.81	20.66
23 11 23 00-0187	EA	72" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-72)	81.21	21.81

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23 11 23 00-0188		3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0189	EA	18" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-18)	55.92	18.36
23 11 23 00-0190	EA	24" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-24)	55.34	18.36
23 11 23 00-0191	EA	30" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-30)	63.84	19.51
23 11 23 00-0192	EA	36" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-36)	67.74	19.51
23 11 23 00-0193	EA	48" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-48)	76.60	20.66
23 11 23 00-0194		1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0195	EA	12" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-12)	47.11	17.22
23 11 23 00-0196	EA	18" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-18)	51.31	18.36
23 11 23 00-0197	EA	24" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-24)	51.49	18.36
23 11 23 00-0198	EA	30" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-30)	57.96	19.51
23 11 23 00-0199	EA	36" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-36)	56.62	19.51
23 11 23 00-0200	EA	48" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-48)	69.74	20.66
23 11 23 00-0201	EA	60" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-60)	74.81	20.66
23 11 23 00-0202	EA	72" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-72)	81.21	21.81
23 11 23 00-0203		1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0204	EA	12" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-12)	47.11	17.22
23 11 23 00-0205	EA	18" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-18)	48.17	18.36
23 11 23 00-0206	EA	24" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-24)	49.36	18.36
23 11 23 00-0207	EA	30" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-30)	57.96	19.51
23 11 23 00-0208	EA	36" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-36)	61.23	19.51
23 11 23 00-0209	EA	48" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-48)	62.32	20.66
23 11 23 00-0210	EA	60" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-60)	74.81	20.66
23 11 23 00-0211	EA	72" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-72)	81.21	21.81
23 11 23 00-0212		1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0213	EA	12" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-12)	47.11	17.22
23 11 23 00-0214	EA	18" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-18)	51.31	18.36
23 11 23 00-0215	EA	24" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-24)	55.34	18.36
23 11 23 00-0216	EA	30" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-30)	57.96	19.51
23 11 23 00-0217	EA	36" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-36)	53.42	19.51
23 11 23 00-0218	EA	48" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-48)	68.34	20.66
23 11 23 00-0219	EA	60" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-60)	74.81	20.66
23 11 23 00-0220	EA	72" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-72)	81.21	21.81
23 11 23 00-0221		3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0222	EA	12" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-12)	60.34	17.22

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23 11 23 00-0223	EA	18" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-18)	64.51	18.36
23 11 23 00-0224	EA	24" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-24)	68.54	18.36
23 11 23 00-0225	EA	30" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-30)	71.14	19.51
23 11 23 00-0226	EA	36" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-36)	74.54	19.51
23 11 23 00-0227	EA	48" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-48)	81.23	20.66
23 11 23 00-0228	EA	60" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-60)	88.24	20.66
23 11 23 00-0229	EA	72" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-72)	94.66	21.81

23 11 23 00-0230 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*

23 11 23 00-0231	EA	12" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-12)	71.82	22.96
23 11 23 00-0232	EA	18" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-18)	75.99	24.10
23 11 23 00-0233	EA	24" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-24)	80.02	24.10
23 11 23 00-0234	EA	30" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-30)	82.62	25.25
23 11 23 00-0235	EA	36" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-36)	86.01	25.25
23 11 23 00-0236	EA	48" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-48)	92.71	26.40
23 11 23 00-0237	EA	60" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-60)	99.72	26.40
23 11 23 00-0238	EA	72" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-72)	106.14	27.55

23 11 23 00-0239 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*

23 11 23 00-0240	EA	12" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-12)	71.82	22.96
23 11 23 00-0241	EA	18" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-18)	75.99	24.10
23 11 23 00-0242	EA	24" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-24)	80.02	24.10
23 11 23 00-0243	EA	30" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-30)	82.62	25.25
23 11 23 00-0244	EA	36" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-36)	86.01	25.25
23 11 23 00-0245	EA	48" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-48)	92.71	26.40
23 11 23 00-0246	EA	60" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-60)	99.72	26.40
23 11 23 00-0247	EA	72" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-72)	106.14	27.55

23 11 23 00-0248 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*

23 11 23 00-0249	EA	12" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-12)	82.57	22.96
23 11 23 00-0250	EA	18" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-18)	86.74	24.10
23 11 23 00-0251	EA	24" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-24)	90.77	24.10
23 11 23 00-0252	EA	30" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-30)	93.37	25.25
23 11 23 00-0253	EA	36" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-36)	96.78	25.25
23 11 23 00-0254	EA	48" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-48)	103.47	26.40
23 11 23 00-0255	EA	60" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-60)	110.48	26.40

23 11 23 00-0256 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*

23 11 23 00-0257	EA	12" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-12)	82.57	22.96
23 11 23 00-0258	EA	18" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-18)	86.74	24.10
23 11 23 00-0259	EA	24" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-24)	90.77	24.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0260	EA	36" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-36)	96.78	25.25
23 11 23 00-0261	EA	48" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-48)	103.47	26.40
23 11 23 00-0262	EA	60" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-60)	110.48	26.40
23 11 23 00-0263		1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0264	EA	12" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-12)	82.57	22.96
23 11 23 00-0265	EA	18" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-18)	86.74	24.10
23 11 23 00-0266	EA	24" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-24)	90.77	24.10
23 11 23 00-0267	EA	30" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-30)	93.37	25.25
23 11 23 00-0268	EA	36" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-36)	96.78	25.25
23 11 23 00-0269	EA	48" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-48)	103.47	26.40
23 11 23 00-0270	EA	60" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-60)	110.48	26.40
23 11 23 00-0271	EA	72" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-72)	116.89	27.55
23 11 23 00-0272		1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0273	EA	12" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-12)	68.98	22.96
23 11 23 00-0274	EA	18" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-18)	73.17	24.10
23 11 23 00-0275	EA	24" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-24)	77.22	24.10
23 11 23 00-0276	EA	30" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-30)	79.79	25.25
23 11 23 00-0277	EA	36" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-36)	83.19	25.25
23 11 23 00-0278	EA	48" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-48)	89.87	26.40
23 11 23 00-0279	EA	72" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-72)	103.28	27.55
23 11 23 00-0280		1/2" FIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0281	EA	18" Length, 1/2" FIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC5K-18)	80.82	24.10
23 11 23 00-0282	EA	24" Length, 1/2" FIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC5K-24)	85.71	24.10
23 11 23 00-0283		Quarter-Turn, Gas Ball Valve *(23 11 23)*		
23 11 23 00-0284	EA	3/8" FIP x FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top™ T-3000 102-102)	44.18	12.22
23 11 23 00-0285	EA	1/2" FIP x FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-103)	44.79	12.47
23 11 23 00-0286	EA	3/4" FIP x FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-104)	63.74	13.71
23 11 23 00-0287	EA	3/8" Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-112)	43.86	12.22
23 11 23 00-0288	EA	1/2" Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-113)	46.34	12.47
23 11 23 00-0289	EA	1/2" Flare x 3/4" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-118)	50.89	12.47
23 11 23 00-0290	EA	5/8" Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-121)	55.90	13.08
23 11 23 00-0291	EA	5/8" (7/8" -14) Flare x 3/4" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-114)	58.22	13.08
23 11 23 00-0292	EA	5/8" (15/16" -16) Flare x 3/4" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-115)	58.22	13.08
23 11 23 00-0293	EA	3/8" Flare x Flare, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-312)	45.59	12.22
23 11 23 00-0294	EA	1/2" Flare x Flare, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-313)	48.07	12.47
23 11 23 00-0295	EA	5/8" Flare x Flare, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-314)	59.44	13.08
23 11 23 00-0296	EA	1/2" FIP x 1/8" Texas Pattern, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-413)	48.29	12.47
23 11 23 00-0297	EA	3/4" FIP x 1/8" Texas Pattern, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-414)	65.04	13.71
23 11 23 00-0298	EA	3/8" (9/16" -24) Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-119)	45.50	12.22
23 11 23 00-0299	EA	3/8" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-612)	43.63	12.22
23 11 23 00-0300	EA	1/2" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-613)	44.78	12.47
23 11 23 00-0301	EA	3/4" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-614)	61.24	13.71
23 11 23 00-0302	EA	1" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-615)	81.82	15.58
23 11 23 00-0303	EA	1-1/4" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-616)	115.12	16.20
23 11 23 00-0304	EA	1-1/2" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-617)	136.19	18.70
23 11 23 00-0305	EA	2" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-618)	167.14	22.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0306	EA	1/2" Flathead, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3002 102-713)	45.78	12.47
23 11 23 00-0307	EA	3/4" Flathead, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3002 102-714)	60.93	13.71
23 11 23 00-0308		Gas Stops *(23 11 23)*		
23 11 23 00-0309		Brass/Bronze Gas Stops *(23 11 23 00-0308)*		
		Note: Flat or square head		
23 11 23 00-0310	EA	3/8" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	57.94	12.47
23 11 23 00-0311	EA	1/2" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	57.87	12.47
23 11 23 00-0312	EA	3/4" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	75.87	13.71
23 11 23 00-0313	EA	1" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	107.37	15.58
23 11 23 00-0314	EA	1-1/4" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	143.10	16.58
23 11 23 00-0315	EA	1-1/2" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	180.86	19.19
23 11 23 00-0316	EA	2" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	252.11	22.68
23 11 23 00-0317		Iron Body Gas Stops *(23 11 23 00-0308)*		
23 11 23 00-0318	EA	1/2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	78.91	12.47
23 11 23 00-0319	EA	3/4" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	96.57	13.71
23 11 23 00-0320	EA	1" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	119.85	15.58
23 11 23 00-0321	EA	1-1/4" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	155.22	16.58
23 11 23 00-0322	EA	1-1/2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	196.09	19.19
23 11 23 00-0323	EA	2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	255.57	22.68
23 11 23 00-0324	EA	2-1/2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	500.16	30.65
23 11 23 00-0325	EA	3" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	673.14	35.58
23 11 23 00-0326		Bronze Body Solenoid Valves, 150 PSI Gas *(23 11 23)*		
23 11 23 00-0327	EA	1/4" Solenoid Valve, Bronze, 150 PSI, Gas	206.38	12.47
23 11 23 00-0328	EA	1/2" Solenoid Valve, Bronze, 150 PSI, Gas	240.75	12.47
23 11 23 00-0329	EA	3/4" Solenoid Valve, Bronze, 150 PSI, Gas	306.38	13.71
23 11 23 00-0330	EA	1" Solenoid Valve, Bronze, 150 PSI, Gas	460.60	15.58
23 11 23 00-0331	EA	1-1/2" Solenoid Valve, Bronze, 150 PSI, Gas	825.10	19.19
23 11 23 00-0332	EA	2" Solenoid Valve, Bronze, 150 PSI, Gas	1,407.55	22.68
23 11 23 00-0333	EA	2-1/2" Solenoid Valve, Bronze, 150 PSI, Gas	1,742.97	30.65
23 11 23 00-0334	EA	3" Solenoid Valve, Bronze, 150 PSI, Gas	2,629.82	35.58

23 12 Facility Fuel Pumps *(23 10)*

23 12 13 Facility Fuel-Oil Pumps *(23 12)*

23 12 13 00-0001		Cast Iron Internal Gear Rotary Pump *(23 12 13)*		
		Note: Heavy-duty type with relief valve, 1150 RPM drip-proof motor, common base plate. For viscosity to 20 centipoise; diesel oil, and light oil.		
23 12 13 00-0002		10 GPM 1" Discharge *(23 12 13 00-0001)*		
23 12 13 00-0003	EA	10 GPM Cast Iron Rotary Pump, 20 PSI 1/2 HP With 1" Discharge	1,545.31	333.01
23 12 13 00-0004	EA	10 GPM Cast Iron Rotary Pump, 40 PSI 3/4 HP With 1" Discharge	1,626.70	403.05
23 12 13 00-0005	EA	10 GPM Cast Iron Rotary Pump, 60 PSI 1 HP With 1" Discharge	1,784.83	478.84
23 12 13 00-0006		25 GPM 1-1/4" Discharge *(23 12 13 00-0001)*		
23 12 13 00-0007	EA	25 GPM Cast Iron Rotary Pump, 20 PSI 1 HP With 1-1/4" Discharge	1,678.75	333.01
23 12 13 00-0008	EA	25 GPM Cast Iron Rotary Pump, 40 PSI 1.5 HP With 1-1/4" Discharge	1,770.03	403.05
23 12 13 00-0009	EA	25 GPM Cast Iron Rotary Pump, 60 PSI 2 HP With 1-1/4" Discharge	1,861.12	478.84
23 12 13 00-0010		Pump, Fuel Oil, 2 Stage 3450 RPM 100 PSI *(23 12 13)*		
23 12 13 00-0011	EA	1/4 HP Pump Fuel Oil/Diesel	1,167.23	186.60
23 12 13 00-0012	EA	1/3 HP Pump Fuel Oil/Diesel	1,369.61	208.99
23 12 13 00-0013	EA	1/2 HP Pump Fuel Oil/Diesel	1,498.97	234.25
23 12 13 00-0014	EA	3/4 HP Pump Fuel Oil/Diesel	1,637.53	264.11
23 12 13 00-0015	EA	1 HP Pump Fuel Oil/Diesel	2,283.10	293.97
23 12 13 00-0016	EA	1-1/2 HP Pump Fuel Oil/Diesel	2,784.40	328.99
23 12 13 00-0017	EA	2 HP Pump Fuel Oil/Diesel	3,086.73	368.60
23 12 13 00-0018	EA	3 HP Pump Fuel Oil/Diesel	3,753.89	412.24
23 12 13 00-0019	EA	5 HP Pump Fuel Oil/Diesel	4,418.79	462.20
23 12 13 00-0020	EA	7.5 HP Pump Fuel Oil/Diesel	4,947.69	518.46
23 12 13 00-0021	EA	10 HP Pump Fuel Oil/Diesel	5,547.16	581.15

23 12 23 Facility Natural-Gas Pumps *(23 12)*

23 12 23 00-0001		Natural Gas Booster Pump *(23 12 23)*		
23 12 23 00-0002	EA	Natural Gas Booster Pump, 3/4" Outlet Size	1,282.26	172.25
23 12 23 00-0003	EA	Natural Gas Booster Pump, 1" Outlet Size	1,522.32	192.34
23 12 23 00-0004	EA	Natural Gas Booster Pump, 1-1/4" Outlet Size	1,708.60	200.96
23 12 23 00-0005	EA	Natural Gas Booster Pump, 1-1/2" Outlet Size	1,941.02	209.56
23 12 23 00-0006	EA	Natural Gas Booster Pump, 2" Outlet Size	2,198.50	215.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 13 Facility Fuel-Storage Tanks *(23 10)*

23 13 13 Facility Underground Fuel-Oil, Storage Tanks *(23 13)*

23 13 13 13 Double-Wall Steel, Underground Fuel-Oil, Storage Tanks *(23 13 13)*

23 13 13 13-0001 Coated Underground Double Wall Storage Tanks *(23 13 13 13)*

Note: Includes setting in place with hold down bars and manway and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes excavation, pad, plastic lining, pumps and piping.

23 13 13 13-0002	EA	250 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	17,600.22	811.67
23 13 13 13-0003	EA	550 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	19,018.27	811.67
23 13 13 13-0004	EA	1,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	27,489.50	1,014.52
23 13 13 13-0005	EA	2,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	37,620.11	1,981.60
23 13 13 13-0006	EA	3,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	59,928.90	2,547.62
23 13 13 13-0007	EA	4,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	66,758.67	2,926.03
23 13 13 13-0008	EA	5,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	72,033.02	3,868.82
23 13 13 13-0009	EA	6,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	74,481.15	4,153.85
23 13 13 13-0010	EA	8,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	90,909.67	4,907.25
23 13 13 13-0011	EA	10,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	105,287.18	5,660.15
23 13 13 13-0012	EA	12,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	134,732.21	6,224.41
23 13 13 13-0013	EA	14,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	159,713.92	7,557.43
23 13 13 13-0014	EA	15,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	164,963.80	8,020.40
23 13 13 13-0015	EA	20,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	202,278.71	12,722.03
23 13 13 13-0016	EA	25,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	248,552.49	16,497.35
23 13 13 13-0017	EA	30,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	292,877.58	18,875.97
23 13 13 13-0018	EA	40,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	376,864.97	20,291.68
23 13 13 13-0019	EA	48,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	510,860.48	20,812.02

23 13 13 23 Glass-Fiber-Reinforced-Plastic, Underground Fuel-Oil, Storage Tanks *(23 13 13)*

23 13 13 23-0001 Underground Fiberglass Storage Tanks *(23 13 13 23)*

23 13 13 23-0002 Single Wall Fiberglass Underground Storage Tanks *(23 13 13 23-0001)*

Note: Includes setting in place with hold down bars, fittings, bumper pads, flow channels, monitoring fitting, tank bottom deflector gauge plates, manway, anchor straps and 4" NPT tank mounted fitting connections as follows: 550 gallon or 1,000 gallon, 4 each: all others 6 each. Excludes excavation and backfill.

23 13 13 23-0003	EA	550 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	4,705.63	811.67
23 13 13 23-0004	EA	1,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	5,911.34	1,014.52
23 13 13 23-0005	EA	2,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	7,685.59	1,255.25
23 13 13 23-0006	EA	2,500 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	8,720.55	1,528.96
23 13 13 23-0007	EA	3,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	9,751.43	1,793.22
23 13 13 23-0008	EA	4,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	11,849.82	2,359.50
23 13 13 23-0009	EA	5,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	14,068.53	3,586.43
23 13 13 23-0010	EA	6,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	15,877.01	4,530.24
23 13 13 23-0011	EA	8,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	19,071.48	5,096.51
23 13 13 23-0012	EA	10,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	21,444.34	6,040.31
23 13 13 23-0013	EA	12,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	27,674.35	7,172.87
23 13 13 23-0014	EA	15,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	34,008.96	8,966.09
23 13 13 23-0015	EA	20,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	42,889.95	11,986.24
23 13 13 23-0016	EA	25,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	64,293.69	14,912.02
23 13 13 23-0017	EA	30,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	78,839.16	17,932.18
23 13 13 23-0018	EA	40,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	112,505.42	25,954.46
23 13 13 23-0019	EA	50,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	160,472.10	33,032.96

23 13 13 23-0020 Double Wall Fiberglass Underground Storage Tanks *(23 13 13 23-0001)*

Note: Includes setting in place with hold down bars, fittings, bumper pads, flow channels, monitoring fitting, tank bottom deflector gauge plates, manway, anchor straps and 4" NPT tank mounted fitting connections as follows: 550 gallon or 1,000 gallon, 4 each: all others 6 each. Excludes excavation and backfill.

23 13 13 23-0021	EA	550 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	9,127.89	811.67
23 13 13 23-0022	EA	1,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	12,034.50	1,014.52
23 13 13 23-0023	EA	2,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	14,428.38	1,226.94
23 13 13 23-0024	EA	3,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	18,746.17	1,793.34
23 13 13 23-0025	EA	4,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	21,031.95	2,359.50
23 13 13 23-0026	EA	5,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	24,162.63	3,586.43
23 13 13 23-0027	EA	6,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	26,870.58	4,530.24
23 13 13 23-0028	EA	8,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	33,063.31	5,096.51
23 13 13 23-0029	EA	10,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	35,436.16	6,040.31
23 13 13 23-0030	EA	12,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	42,915.45	7,172.87
23 13 13 23-0031	EA	15,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	59,056.82	8,966.09
23 13 13 23-0032	EA	20,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	73,122.28	11,986.24
23 13 13 23-0033	EA	30,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	113,069.16	17,932.18

23 13 13 23-0034 Underground Storage Tank Pump Enclosures *(23 13 13 23)*

23 13 13 23-0035	EA	Secondary Containment Collar	3,294.80	
23 13 13 23-0036	EA	Turbine Enclosure With Lid 4' Long x 42" Diameter	3,294.80	
23 13 13 23-0037	EA	Fitting Kit For Turbine Enclosure	658.96	
23 13 13 23-0038	EA	Grommet Kits For Plumbing And Electrical	1,317.92	
23 13 13 23-0039	EA	Turbine Electrical Coupling Kit	1,647.40	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 Facility Aboveground Fuel-Oil, Storage Tanks *(23 13)*				
23 13 23 13 Vertical, Steel, Aboveground Fuel-Oil, Storage Tanks *(23 13 23)*				
23 13 23 13-0001		Vertical Rectangular Double Wall Steel Fuel Day Tank *(23 13 23 13)* Note: Includes day tank with standard equipment, pump, pump control, level control, backup level control, level alarms, alarm outputs.		
23 13 23 13-0002	EA	10 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,202.58	149.63
23 13 23 13-0003	EA	15 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,290.89	157.11
23 13 23 13-0004	EA	25 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,400.95	168.33
23 13 23 13-0005	EA	50 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,607.52	179.56
23 13 23 13-0006	EA	60 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,790.65	187.04
23 13 23 13-0007	EA	75 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,111.54	224.44
23 13 23 13-0008	EA	100 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,835.78	261.85
23 13 23 13-0009	EA	150 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	3,584.16	299.25
23 13 23 13-0010	EA	200 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	4,591.06	336.66
23 13 23 13-0011	EA	275 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	5,117.08	374.07
23 13 23 13-0012	EA	300 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	5,858.85	448.89
23 13 23 13-0013	EA	350 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,566.15	523.70
23 13 23 13-0014	EA	400 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	7,294.12	598.52
23 13 23 13-0015	EA	450 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	8,090.76	635.92
23 13 23 13-0016	EA	500 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	8,892.56	673.33
23 13 23 13-0017	EA	550 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	9,802.96	710.73
23 13 23 13-0018	EA	600 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	10,599.60	748.14
23 13 23 13-0019	EA	700 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	11,814.24	897.77
23 13 23 13-0020	EA	800 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	12,743.88	972.58
23 13 23 13-0021	EA	900 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	13,994.72	1,122.21
23 13 23 13-0022	EA	1,000 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	15,250.73	1,271.85
23 13 23 13-0023	EA	10 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,454.23	149.63
23 13 23 13-0024	EA	15 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,544.27	157.11
23 13 23 13-0025	EA	25 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,654.33	168.33
23 13 23 13-0026	EA	50 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,859.18	179.56
23 13 23 13-0027	EA	60 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,042.30	187.04
23 13 23 13-0028	EA	75 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,364.92	224.44
23 13 23 13-0029	EA	100 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	3,113.30	261.85
23 13 23 13-0030	EA	150 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	3,861.67	299.25
23 13 23 13-0031	EA	200 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	4,868.58	336.66
23 13 23 13-0032	EA	275 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	5,394.60	374.07
23 13 23 13-0033	EA	300 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,136.36	448.89
23 13 23 13-0034	EA	350 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,843.66	523.70
23 13 23 13-0035	EA	400 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	7,571.64	598.52
23 13 23 13-0036	EA	450 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	8,368.27	635.92
23 13 23 13-0037	EA	500 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	9,170.07	673.33
23 13 23 13-0038	EA	550 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	10,082.20	710.73
23 13 23 13-0039	EA	600 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	10,878.83	748.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0040	EA	700 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	12,091.75	897.77
23 13 23 13-0041	EA	800 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	13,021.39	972.58
23 13 23 13-0042	EA	900 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	14,272.23	1,122.21
23 13 23 13-0043	EA	1,000 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	15,528.25	1,271.85
23 13 23 13-0044	EA	10 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,407.43	149.63
23 13 23 13-0045	EA	15 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,487.12	157.11
23 13 23 13-0046	EA	25 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,559.26	168.33
23 13 23 13-0047	EA	50 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,833.06	179.56
23 13 23 13-0048	EA	60 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,936.89	187.04
23 13 23 13-0049	EA	75 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,247.44	224.44
23 13 23 13-0050	EA	100 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,907.91	261.85
23 13 23 13-0051	EA	150 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,928.63	299.25
23 13 23 13-0052	EA	200 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	5,542.54	336.66
23 13 23 13-0053	EA	275 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	7,237.21	374.07
23 13 23 13-0054	EA	300 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,182.37	448.89
23 13 23 13-0055	EA	350 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,755.22	523.70
23 13 23 13-0056	EA	400 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	9,531.46	598.52
23 13 23 13-0057	EA	450 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,291.90	635.92
23 13 23 13-0058	EA	500 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,293.65	673.33
23 13 23 13-0059	EA	550 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,712.80	710.73
23 13 23 13-0060	EA	600 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	12,088.86	748.14
23 13 23 13-0061	EA	700 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	13,832.67	897.77
23 13 23 13-0062	EA	800 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	15,515.55	972.58
23 13 23 13-0063	EA	900 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	17,362.79	1,122.21
23 13 23 13-0064	EA	1,000 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	19,239.33	1,271.85
23 13 23 13-0065	EA	10 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,545.06	149.63
23 13 23 13-0066	EA	15 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,624.75	157.11
23 13 23 13-0067	EA	25 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,696.89	168.33
23 13 23 13-0068	EA	50 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,970.69	179.56
23 13 23 13-0069	EA	60 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,074.52	187.04
23 13 23 13-0070	EA	75 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,385.07	224.44
23 13 23 13-0071	EA	100 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	5,045.54	261.85
23 13 23 13-0072	EA	150 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	6,066.26	299.25
23 13 23 13-0073	EA	200 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	6,756.01	336.66
23 13 23 13-0074	EA	275 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	7,978.39	374.07
23 13 23 13-0075	EA	300 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,923.55	448.89
23 13 23 13-0076	EA	350 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	9,498.12	523.70
23 13 23 13-0077	EA	400 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,272.64	598.52
23 13 23 13-0078	EA	450 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,034.81	635.92
23 13 23 13-0079	EA	500 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	12,034.83	673.33
23 13 23 13-0080	EA	550 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	12,453.98	710.73
23 13 23 13-0081	EA	600 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	12,830.04	748.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0082	EA	700 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	14,573.85	897.77
23 13 23 13-0083	EA	800 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	16,258.46	972.58
23 13 23 13-0084	EA	900 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	18,103.97	1,122.21
23 13 23 13-0085	EA	1,000 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	19,980.51	1,271.85
23 13 23 13-0086	EA	10 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,181.09	149.63
23 13 23 13-0087	EA	15 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,269.41	157.11
23 13 23 13-0088	EA	25 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,343.27	168.33
23 13 23 13-0089	EA	50 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,625.69	179.56
23 13 23 13-0090	EA	60 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,777.78	187.04
23 13 23 13-0091	EA	75 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,060.76	224.44
23 13 23 13-0092	EA	100 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,747.08	261.85
23 13 23 13-0093	EA	150 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,816.06	299.25
23 13 23 13-0094	EA	200 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	7,452.37	336.66
23 13 23 13-0095	EA	275 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	9,212.55	374.07
23 13 23 13-0096	EA	300 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,205.97	448.89
23 13 23 13-0097	EA	350 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,725.38	523.70
23 13 23 13-0098	EA	400 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	11,605.05	598.52
23 13 23 13-0099	EA	450 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	12,524.07	635.92
23 13 23 13-0100	EA	500 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,448.25	673.33
23 13 23 13-0101	EA	550 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,917.38	710.73
23 13 23 13-0102	EA	600 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,267.59	748.14
23 13 23 13-0103	EA	700 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	16,088.96	897.77
23 13 23 13-0104	EA	800 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	17,852.86	972.58
23 13 23 13-0105	EA	900 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	19,781.11	1,122.21
23 13 23 13-0106	EA	1,000 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	21,735.22	1,271.85
23 13 23 13-0107	EA	10 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,318.72	149.63
23 13 23 13-0108	EA	15 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,407.03	157.11
23 13 23 13-0109	EA	25 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,480.90	168.33
23 13 23 13-0110	EA	50 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,763.32	179.56
23 13 23 13-0111	EA	60 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,915.41	187.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0112	EA	75 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,194.94	224.44
23 13 23 13-0113	EA	100 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,884.71	261.85
23 13 23 13-0114	EA	150 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	7,953.69	299.25
23 13 23 13-0115	EA	200 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	8,590.00	336.66
23 13 23 13-0116	EA	275 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	9,953.73	374.07
23 13 23 13-0117	EA	300 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,947.15	448.89
23 13 23 13-0118	EA	350 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	11,638.94	523.70
23 13 23 13-0119	EA	400 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	12,346.23	598.52
23 13 23 13-0120	EA	450 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,265.25	635.92
23 13 23 13-0121	EA	500 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,189.43	673.33
23 13 23 13-0122	EA	550 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,658.57	710.73
23 13 23 13-0123	EA	600 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	15,010.49	748.14
23 13 23 13-0124	EA	700 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	16,830.15	897.77
23 13 23 13-0125	EA	800 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	18,594.05	972.58
23 13 23 13-0126	EA	900 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	20,522.29	1,122.21
23 13 23 13-0127	EA	1,000 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	22,476.40	1,271.85
23 13 23 13-0128	EA	150% Containment Double Wall Open Top Basin For 10 Gallon Tank	1,191.34	149.63
23 13 23 13-0129	EA	150% Containment Double Wall Open Top Basin For 15 Gallon Tank	1,290.27	157.11
23 13 23 13-0130	EA	150% Containment Double Wall Open Top Basin For 25 Gallon Tank	1,399.99	168.33
23 13 23 13-0131	EA	150% Containment Double Wall Open Top Basin For 50 Gallon Tank	1,598.42	179.56
23 13 23 13-0132	EA	150% Containment Double Wall Open Top Basin For 60 Gallon Tank	2,118.28	187.04
23 13 23 13-0133	EA	150% Containment Double Wall Open Top Basin For 75 Gallon Tank	2,180.62	224.44
23 13 23 13-0134	EA	150% Containment Double Wall Open Top Basin For 100 Gallon Tank	2,738.98	261.85
23 13 23 13-0135	EA	150% Containment Double Wall Open Top Basin For 150 Gallon Tank	3,386.07	299.25
23 13 23 13-0136	EA	150% Containment Double Wall Open Top Basin For 200 Gallon Tank	4,440.41	336.66
23 13 23 13-0137	EA	150% Containment Double Wall Open Top Basin For 275 Gallon Tank	5,572.14	374.07
23 13 23 13-0138	EA	150% Containment Double Wall Open Top Basin For 300 Gallon Tank	6,688.84	448.89
23 13 23 13-0139	EA	150% Containment Double Wall Open Top Basin For 350 Gallon Tank	7,193.50	523.70
23 13 23 13-0140	EA	150% Containment Double Wall Open Top Basin For 400 Gallon Tank	7,700.43	598.52
23 13 23 13-0141	EA	150% Containment Double Wall Open Top Basin For 450 Gallon Tank	8,452.18	635.92
23 13 23 13-0142	EA	150% Containment Double Wall Open Top Basin For 500 Gallon Tank	9,206.20	673.33
23 13 23 13-0143	EA	150% Containment Double Wall Open Top Basin For 550 Gallon Tank	9,862.41	710.73
23 13 23 13-0144	EA	150% Containment Double Wall Open Top Basin For 600 Gallon Tank	10,525.41	748.14
23 13 23 13-0145	EA	150% Containment Double Wall Open Top Basin For 700 Gallon Tank	11,916.97	897.77
23 13 23 13-0146	EA	150% Containment Double Wall Open Top Basin For 800 Gallon Tank	13,224.78	972.58
23 13 23 13-0147	EA	150% Containment Double Wall Open Top Basin For 900 Gallon Tank	14,693.70	1,122.21
23 13 23 13-0148	EA	150% Containment Double Wall Open Top Basin For 1,000 Gallon Tank	16,112.57	1,271.85
23 13 23 13-0149	EA	200% Containment Double Wall Open Top Basin For 10 Gallon Tank	1,256.14	157.11
23 13 23 13-0150	EA	200% Containment Double Wall Open Top Basin For 15 Gallon Tank	1,366.11	168.33
23 13 23 13-0151	EA	200% Containment Double Wall Open Top Basin For 25 Gallon Tank	1,480.87	179.56
23 13 23 13-0152	EA	200% Containment Double Wall Open Top Basin For 50 Gallon Tank	1,683.08	187.04
23 13 23 13-0153	EA	200% Containment Double Wall Open Top Basin For 60 Gallon Tank	2,280.99	224.44
23 13 23 13-0154	EA	200% Containment Double Wall Open Top Basin For 75 Gallon Tank	2,343.34	261.85
23 13 23 13-0155	EA	200% Containment Double Wall Open Top Basin For 100 Gallon Tank	2,929.25	299.25
23 13 23 13-0156	EA	200% Containment Double Wall Open Top Basin For 150 Gallon Tank	3,608.81	336.66
23 13 23 13-0157	EA	200% Containment Double Wall Open Top Basin For 200 Gallon Tank	4,718.28	374.07
23 13 23 13-0158	EA	200% Containment Double Wall Open Top Basin For 275 Gallon Tank	5,909.40	411.48
23 13 23 13-0159	EA	200% Containment Double Wall Open Top Basin For 300 Gallon Tank	7,081.23	486.29
23 13 23 13-0160	EA	200% Containment Double Wall Open Top Basin For 350 Gallon Tank	7,606.99	561.10
23 13 23 13-0161	EA	200% Containment Double Wall Open Top Basin For 400 Gallon Tank	8,135.16	635.92
23 13 23 13-0162	EA	200% Containment Double Wall Open Top Basin For 450 Gallon Tank	8,925.21	673.33
23 13 23 13-0163	EA	200% Containment Double Wall Open Top Basin For 500 Gallon Tank	9,717.66	710.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0164	EA	200% Containment Double Wall Open Top Basin For 550 Gallon Tank	10,406.86	748.14
23 13 23 13-0165	EA	200% Containment Double Wall Open Top Basin For 600 Gallon Tank	11,165.57	822.96
23 13 23 13-0166	EA	200% Containment Double Wall Open Top Basin For 700 Gallon Tank	12,620.58	972.58
23 13 23 13-0167	EA	200% Containment Double Wall Open Top Basin For 800 Gallon Tank	14,118.82	1,122.21
23 13 23 13-0168	EA	200% Containment Double Wall Open Top Basin For 900 Gallon Tank	15,655.50	1,271.85
23 13 23 13-0169	EA	200% Containment Double Wall Open Top Basin For 1,000 Gallon Tank	17,139.33	1,421.47
23 13 23 13-0170	EA	150% Containment Double Wall Sealed Top Basin For 10 Gallon Tank	1,371.08	149.63
23 13 23 13-0171	EA	150% Containment Double Wall Sealed Top Basin For 15 Gallon Tank	1,492.76	157.11
23 13 23 13-0172	EA	150% Containment Double Wall Sealed Top Basin For 25 Gallon Tank	1,616.14	168.33
23 13 23 13-0173	EA	150% Containment Double Wall Sealed Top Basin For 50 Gallon Tank	1,860.08	179.56
23 13 23 13-0174	EA	150% Containment Double Wall Sealed Top Basin For 60 Gallon Tank	2,477.78	187.04
23 13 23 13-0175	EA	150% Containment Double Wall Sealed Top Basin For 75 Gallon Tank	2,540.12	224.44
23 13 23 13-0176	EA	150% Containment Double Wall Sealed Top Basin For 100 Gallon Tank	3,180.38	261.85
23 13 23 13-0177	EA	150% Containment Double Wall Sealed Top Basin For 150 Gallon Tank	3,934.41	299.25
23 13 23 13-0178	EA	150% Containment Double Wall Sealed Top Basin For 200 Gallon Tank	5,174.70	336.66
23 13 23 13-0179	EA	150% Containment Double Wall Sealed Top Basin For 275 Gallon Tank	6,564.15	374.07
23 13 23 13-0180	EA	150% Containment Double Wall Sealed Top Basin For 300 Gallon Tank	7,883.35	448.89
23 13 23 13-0181	EA	150% Containment Double Wall Sealed Top Basin For 350 Gallon Tank	8,458.54	523.70
23 13 23 13-0182	EA	150% Containment Double Wall Sealed Top Basin For 400 Gallon Tank	9,038.28	598.52
23 13 23 13-0183	EA	150% Containment Double Wall Sealed Top Basin For 450 Gallon Tank	9,933.37	635.92
23 13 23 13-0184	EA	150% Containment Double Wall Sealed Top Basin For 500 Gallon Tank	10,830.73	673.33
23 13 23 13-0185	EA	150% Containment Double Wall Sealed Top Basin For 550 Gallon Tank	11,593.86	710.73
23 13 23 13-0186	EA	150% Containment Double Wall Sealed Top Basin For 600 Gallon Tank	12,375.19	748.14
23 13 23 13-0187	EA	150% Containment Double Wall Sealed Top Basin For 700 Gallon Tank	14,005.66	897.77
23 13 23 13-0188	EA	150% Containment Double Wall Sealed Top Basin For 800 Gallon Tank	15,554.65	972.58
23 13 23 13-0189	EA	150% Containment Double Wall Sealed Top Basin For 900 Gallon Tank	17,262.47	1,122.21
23 13 23 13-0190	EA	150% Containment Double Wall Sealed Top Basin For 1,000 Gallon Tank	18,920.24	1,271.85
23 13 23 13-0191	EA	200% Containment Double Wall Sealed Top Basin For 10 Gallon Tank	1,445.87	157.11
23 13 23 13-0192	EA	200% Containment Double Wall Sealed Top Basin For 15 Gallon Tank	1,579.86	168.33
23 13 23 13-0193	EA	200% Containment Double Wall Sealed Top Basin For 25 Gallon Tank	1,709.02	179.56
23 13 23 13-0194	EA	200% Containment Double Wall Sealed Top Basin For 50 Gallon Tank	1,959.27	187.04
23 13 23 13-0195	EA	200% Containment Double Wall Sealed Top Basin For 60 Gallon Tank	2,660.45	224.44
23 13 23 13-0196	EA	200% Containment Double Wall Sealed Top Basin For 75 Gallon Tank	2,722.80	261.85
23 13 23 13-0197	EA	200% Containment Double Wall Sealed Top Basin For 100 Gallon Tank	3,395.17	299.25
23 13 23 13-0198	EA	200% Containment Double Wall Sealed Top Basin For 150 Gallon Tank	4,187.61	336.66
23 13 23 13-0199	EA	200% Containment Double Wall Sealed Top Basin For 200 Gallon Tank	5,493.36	374.07
23 13 23 13-0200	EA	200% Containment Double Wall Sealed Top Basin For 275 Gallon Tank	6,956.53	411.48
23 13 23 13-0201	EA	200% Containment Double Wall Sealed Top Basin For 300 Gallon Tank	8,342.10	486.29
23 13 23 13-0202	EA	200% Containment Double Wall Sealed Top Basin For 350 Gallon Tank	8,942.32	561.10
23 13 23 13-0203	EA	200% Containment Double Wall Sealed Top Basin For 400 Gallon Tank	9,547.34	635.92
23 13 23 13-0204	EA	200% Containment Double Wall Sealed Top Basin For 450 Gallon Tank	10,488.69	673.33
23 13 23 13-0205	EA	200% Containment Double Wall Sealed Top Basin For 500 Gallon Tank	11,432.45	710.73
23 13 23 13-0206	EA	200% Containment Double Wall Sealed Top Basin For 550 Gallon Tank	12,234.51	748.14
23 13 23 13-0207	EA	200% Containment Double Wall Sealed Top Basin For 600 Gallon Tank	13,118.12	822.96
23 13 23 13-0208	EA	200% Containment Double Wall Sealed Top Basin For 700 Gallon Tank	14,825.30	972.58
23 13 23 13-0209	EA	200% Containment Double Wall Sealed Top Basin For 800 Gallon Tank	16,578.12	1,122.21
23 13 23 13-0210	EA	200% Containment Double Wall Sealed Top Basin For 900 Gallon Tank	18,366.98	1,271.85
23 13 23 13-0211	EA	200% Containment Double Wall Sealed Top Basin For 1,000 Gallon Tank	20,102.98	1,421.47

23 13 23 16 Horizontal, Steel, Aboveground Fuel-Oil, Storage Tanks *(23 13 23)*

23 13 23 16-0001 Single Wall Aboveground Storage Tanks *(23 13 23 16)*

Note: Includes cradles, supports, coating, fittings, and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes pumps, piping, pad, foundation excavation and backfill.

23 13 23 16-0002	EA	300 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	5,355.72	813.23
23 13 23 16-0003	EA	550 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	6,438.28	984.43
23 13 23 16-0004	EA	1,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	8,700.30	1,367.44
23 13 23 16-0005	EA	1,500 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	11,249.12	1,709.30
23 13 23 16-0006	EA	2,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	13,530.10	2,319.10
23 13 23 16-0007	EA	3,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	20,424.49	2,387.31
23 13 23 16-0008	EA	5,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	29,704.43	2,951.57
23 13 23 16-0009	EA	8,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	40,805.12	3,381.95
23 13 23 16-0010	EA	10,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	48,641.28	3,689.37
23 13 23 16-0011	EA	12,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	56,468.27	4,058.34
23 13 23 16-0012	EA	15,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	62,510.39	4,509.22
23 13 23 16-0013	EA	20,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	78,077.81	5,797.57
23 13 23 16-0014	EA	30,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	106,680.62	6,763.90

23 13 23 16-0015 Double Wall Aboveground Storage Tanks *(23 13 23 16)*

Note: Includes cradles, supports, coating, fittings, and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes pumps, piping, pad, foundation excavation and backfill.

23 13 23 16-0016	EA	300 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	8,505.90	1,014.73
23 13 23 16-0017	EA	550 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	10,220.71	1,227.95
23 13 23 16-0018	EA	1,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	13,623.23	1,709.30
23 13 23 16-0019	EA	1,500 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	17,869.97	2,136.63
23 13 23 16-0020	EA	2,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	23,007.24	2,898.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 16-0021	EA	2,500 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	27,838.25	2,898.85
		For 1/4" Thick Shell, Add	*6,681.18*	
		For Fireguard® Tanks, Add	*4,044.88*	
23 13 23 16-0022	EA	3,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	32,788.21	2,984.04
23 13 23 16-0023	EA	4,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	40,381.84	3,330.10
		For 1/4" Thick Shell, Add	*9,691.64*	
		For Fireguard® Tanks, Add	*6,074.98*	
23 13 23 16-0024	EA	5,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	47,975.34	3,676.04
23 13 23 16-0025	EA	6,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	53,551.85	3,820.50
		For 1/4" Thick Shell, Add	*12,852.44*	
		For Fireguard® Tanks, Add	*8,197.40*	
23 13 23 16-0026	EA	8,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	66,328.05	4,227.47
23 13 23 16-0027	EA	10,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	79,268.19	4,611.78
23 13 23 16-0028	EA	12,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	92,156.58	5,072.85
23 13 23 16-0029	EA	15,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	102,007.47	5,636.61
23 13 23 16-0030	EA	20,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	127,313.16	7,246.99
23 13 23 16-0031	EA	25,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	150,975.83	7,850.89
		For Fireguard® Tanks, Add	*23,803.58*	
23 13 23 16-0032	EA	30,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	174,638.53	8,454.80

23 13 23 16-0033 Horizontal Rectangular Double Wall Aboveground Fuel Day Tanks *(23 13 23 16)*

Note: Includes solenoid valve. Excludes piping and concrete pad.

23 13 23 16-0034	EA	550 Gallon, Double Wall, Aboveground Horizontal Fuel Storage Tank	16,570.51	1,227.95
23 13 23 16-0035	EA	750 Gallon, Double Wall, Aboveground Horizontal Fuel Storage Tank	17,523.92	1,410.17
23 13 23 16-0036	EA	1,000 Gallon, Double Wall, Aboveground Horizontal Fuel Storage Tank	19,690.51	1,709.30
23 13 23 16-0037	EA	1,500 Gallon, Double Wall, Aboveground Horizontal Fuel Storage Tank	23,558.65	2,136.63
23 13 23 16-0038	EA	2,000 Gallon, Double Wall, Aboveground Horizontal Fuel Storage Tank Note: Includes 2" solenoid valve.	30,193.96	2,898.85

23 13 23 26 Concrete-Vaulted, Steel, Aboveground Fuel-Oil, Storage Tanks *(23 13 23)*

23 13 23 26-0001 Aboveground Concrete Vaulted Storage Tanks *(23 13 23 26)*

Note: Includes setting in place with stand, NPT openings for an emergency vent, regular vent, gauge, fill with an internal 5 gallon minimum overfill containment, supply and return and leak detection. All tanks that are 2000 gallon and larger shall have a ladder for access. Excludes excavation, pad, pumps and piping.

23 13 23 26-0002	EA	500 Gallon Concrete Vaulted Storage Tank	29,543.36	1,755.34
		For Low Profile Tanks, Add	*10,837.62*	
23 13 23 26-0003	EA	1,000 Gallon Concrete Vaulted Storage Tank	37,183.92	1,981.60
		For Low Profile Tanks, Add	*13,767.56*	
23 13 23 26-0004	EA	2,000 Gallon Concrete Vaulted Storage Tank	65,849.38	2,359.50
		For Low Profile Tanks, Add	*25,022.82*	
23 13 23 26-0005	EA	4,000 Gallon Concrete Vaulted Storage Tank	104,488.59	5,189.76
23 13 23 26-0006	EA	5,000 Gallon Concrete Vaulted Storage Tank	119,338.63	5,668.08
23 13 23 26-0007	EA	6,000 Gallon Concrete Vaulted Storage Tank	134,289.62	6,121.10
23 13 23 26-0008	EA	8,000 Gallon Concrete Vaulted Storage Tank	149,214.20	6,642.21
23 13 23 26-0009	EA	10,000 Gallon Concrete Vaulted Storage Tank	164,130.48	7,070.31

23 13 33 Facility Fuel-Oil, Storage Tank Accessories *(23 13)*

23 13 33 00-0001 EPA Requirements *(23 13 33)*

23 13 33 00-0002	EA	Fill Pipe Spill Containment Manhole (5 Gallon)	808.89	
23 13 33 00-0003	EA	Over-Fill Prevention Valve	1,487.84	
23 13 33 00-0004	EA	Tank Manway With Cover, Fiberglass	4,835.40	
23 13 33 00-0005	EA	Tank Manway With Cover, Steel	3,484.94	
23 13 33 00-0006	EA	Vent Fill Alarm (Whistle Vent)	156.40	
23 13 33 00-0007	EA	Reservoir Sensor, Liquid Level	435.00	
23 13 33 00-0008	EA	Manhole Spill Containment	1,303.27	290.71
23 13 33 00-0009	EA	Fill Adapter, 4"	356.86	193.84
23 13 33 00-0010	EA	Fill Cap, 4"	241.82	72.67
23 13 33 00-0011	EA	2" Vent Cap	145.88	48.49
23 13 33 00-0012	EA	4" x 2" Extractor Fitting	482.58	72.67
23 13 33 00-0013	EA	Float Vent Valve	437.63	145.36
23 13 33 00-0014	EA	Vapor Hose Adapter	465.49	96.86
23 13 33 00-0015	EA	Dust Cap	202.17	52.91
23 13 33 00-0016	EA	1" Double Poppet Foot Valve	494.43	83.03
23 13 33 00-0017	EA	10' Wood Gage Stick	38.68	
23 13 33 00-0018	EA	1-1/4" Tank Filled Breather, NPT	169.43	
23 13 33 00-0019	EA	1-1/2" Tank Filled Breather, Bayonet	228.92	
23 13 33 00-0020	EA	2" Cast Iron Combination Fill Cap And Vent	89.73	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 33 00-0021	EA	3" Cast Iron Combination Fill Cap And Vent	121.14	
23 13 33 00-0022	EA	4" Cast Iron Combination Fill Cap And Vent	190.35	
23 13 33 00-0023	EA	Pressure And Vacuum Control Vent	1,019.90	
23 13 33 00-0024	EA	1/4 HP Fuel/Diesel Pump Set	2,002.30	
23 13 33 00-0025	EA	1/3 HP Fuel/Diesel Pump Set	2,371.22	
23 13 33 00-0026	EA	1/2 HP Fuel/Diesel Pump Set	2,583.03	
23 13 33 00-0027	EA	3/4 HP Fuel/Diesel Pump Set	2,830.24	
23 13 33 00-0028	EA	1 HP Fuel/Diesel Pump Set	4,067.89	
23 13 33 00-0029	EA	1-1/2 HP Fuel/Diesel Pump Set	5,030.44	
23 13 33 00-0030	EA	2 HP Fuel/Diesel Pump Set	5,568.30	
23 13 33 00-0031	EA	3 HP Fuel/Diesel Pump Set	6,852.34	
23 13 33 00-0032	EA	5 HP Fuel/Diesel Pump Set	8,117.33	
23 13 33 00-0033	EA	7.5 HP Fuel/Diesel Pump Set	9,086.23	
23 13 33 00-0034	EA	10 HP Fuel/Diesel Pump Set	10,498.29	
23 13 33 00-0035		Tank Bulkhead Fittings *(23 13 33)*		
23 13 33 00-0036		Tank Bulkhead Fittings *(23 13 33 00-0035)*		
23 13 33 00-0037		Polyvinyl Chloride (PVC) Tank Bulkhead Fittings, Socket x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0038	EA	1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	48.57	
23 13 33 00-0039	EA	3/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	54.26	
23 13 33 00-0040	EA	1" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	59.64	
23 13 33 00-0041	EA	1-1/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	71.70	
23 13 33 00-0042	EA	1-1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	74.19	
23 13 33 00-0043	EA	2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	96.67	
23 13 33 00-0044	EA	3" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	151.35	
23 13 33 00-0045	EA	4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	262.24	
23 13 33 00-0046		Polyvinyl Chloride (PVC) Tank Bulkhead Fittings, Thread x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0047	EA	1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	56.12	
23 13 33 00-0048	EA	3/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	61.78	
23 13 33 00-0049	EA	1" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	67.46	
23 13 33 00-0050	EA	1-1/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	83.86	
23 13 33 00-0051	EA	1-1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	89.54	
23 13 33 00-0052	EA	2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	110.58	
23 13 33 00-0053	EA	3" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	169.89	
23 13 33 00-0054	EA	4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	288.57	
23 13 33 00-0055		Chlorinated Polyvinyl Chloride (CPVC) Tank Bulkhead Fittings, Socket x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0056	EA	1/2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	57.84	
23 13 33 00-0057	EA	3/4" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	66.72	
23 13 33 00-0058	EA	1" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	75.29	
23 13 33 00-0059	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	97.06	
23 13 33 00-0060	EA	2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	126.20	
23 13 33 00-0061	EA	3" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	195.08	
23 13 33 00-0062	EA	4" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	304.23	
23 13 33 00-0063		Polypropylene Tank Bulkhead Fitting Thread x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0064	EA	1/2" Polypropylene Bulkhead Fitting, Thread x Thread	67.41	
23 13 33 00-0065	EA	3/4" Polypropylene Bulkhead Fitting, Thread x Thread	79.46	
23 13 33 00-0066	EA	1" Polypropylene Bulkhead Fitting, Thread x Thread	97.57	
23 13 33 00-0067	EA	1-1/4" Polypropylene Bulkhead Fitting, Thread x Thread	118.60	
23 13 33 00-0068	EA	1-1/2" Polypropylene Bulkhead Fitting, Thread x Thread	121.09	
23 13 33 00-0069	EA	2" Polypropylene Bulkhead Fitting, Thread x Thread	172.23	
23 13 33 00-0070	EA	3" Polypropylene Bulkhead Fitting, Thread x Thread	306.25	
23 13 33 00-0071	EA	4" Polypropylene Bulkhead Fitting, Thread x Thread	544.54	
23 13 33 00-0072		Polyethylene Tank Bulkhead Fittings Thread x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0073	EA	3/4" Polyethylene Bulkhead Fitting, Thread x Thread	59.76	
23 13 33 00-0074	EA	1" Polyethylene Bulkhead Fitting, Thread x Thread	76.64	
23 13 33 00-0075	EA	1-1/4" Polyethylene Bulkhead Fitting, Thread x Thread	79.13	
23 13 33 00-0076	EA	1-1/2" Polyethylene Bulkhead Fitting, Thread x Thread	81.62	
23 13 33 00-0077	EA	2" Polyethylene Bulkhead Fitting, Thread x Thread	112.88	
23 13 33 00-0078	EA	3" Polyethylene Bulkhead Fitting, Thread x Thread	142.17	
23 13 33 00-0079		TFE Teflon Tank Bulkhead Fittings, Thread x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0080	EA	1/8" TFE Teflon Bulkhead Fitting, Thread x Thread	248.64	
23 13 33 00-0081	EA	1/4" TFE Teflon Bulkhead Fitting, Thread x Thread	284.20	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 33 00-0082	EA	3/8" TFE Teflon Bulkhead Fitting, Thread x Thread	349.11	
23 13 33 00-0083	EA	1/2" TFE Teflon Bulkhead Fitting, Thread x Thread	402.38	
23 13 33 00-0084	EA	3/4" TFE Teflon Bulkhead Fitting, Thread x Thread	463.53	
23 13 33 00-0085	EA	1" TFE Teflon Bulkhead Fitting, Thread x Thread	583.50	
23 13 33 00-0086	EA	1-1/2" TFE Teflon Bulkhead Fitting, Thread x Thread	757.65	
23 13 33 00-0087	EA	2" TFE Teflon Bulkhead Fitting, Thread x Thread	837.00	
23 13 33 00-0088		Self-Aligning Bulkhead Fittings *(23 13 33 00-0035)*		
23 13 33 00-0089	EA	3/4" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	255.26	
23 13 33 00-0090	EA	1" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	255.81	
23 13 33 00-0091	EA	1-1/2" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	372.60	
23 13 33 00-0092	EA	2" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	380.53	
23 13 33 00-0093	EA	3" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	512.45	

23 20 HVAC Piping and Pumps *(23)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

23 21 Hydronic Piping and Pumps *(23 20)*

23 21 13 Hydronic Piping *(23 21)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

23 21 13 23 Aboveground Hydronic Piping *(23 21 13)*

See CSI section 22 11 16 00-0000 for additional galvanized or copper piping, 40 05 23 23-0000 for stainless steel pipe and fittings.

23 21 13 23-0001 Threaded Black Steel Pipe *(23 21 13 23)*

23 21 13 23-0002 Threaded Black Steel Pipe Assemblies *(23 21 13 23-0001)*

Note: ASTM A-53 pipe and A-105 fittings. Threaded and coupled. Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. Includes cutting and threading to length where necessary.

23 21 13 23-0003	LF	1/2" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	21.51	4.59
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*5.21*	
		For Work In Restricted Working Space, Add	*4.74*	
23 21 13 23-0004	LF	3/4" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	23.47	4.93
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*5.80*	
		For Work In Restricted Working Space, Add	*4.96*	
23 21 13 23-0005	LF	1" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	25.94	5.40
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*6.55*	
		For Work In Restricted Working Space, Add	*5.23*	
23 21 13 23-0006	LF	1-1/4" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	30.85	5.63
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*8.10*	
		For Work In Restricted Working Space, Add	*5.64*	
23 21 13 23-0007	LF	1-1/2" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	32.76	6.66
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*8.74*	
		For Work In Restricted Working Space, Add	*5.72*	
23 21 13 23-0008	LF	2" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	38.91	8.03
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*10.57*	
		For Work In Restricted Working Space, Add	*6.45*	
23 21 13 23-0009	LF	2-1/2" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	55.29	9.52
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*15.64*	
		For Work In Restricted Working Space, Add	*8.00*	
23 21 13 23-0010	LF	3" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	70.15	12.74
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*20.03*	
		For Work In Restricted Working Space, Add	*9.80*	
23 21 13 23-0011	LF	4" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	95.99	14.89
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*28.82*	
		For Work In Restricted Working Space, Add	*10.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0012	LF	5" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	142.97	19.03
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*44.63*	
		For Work In Restricted Working Space, Add	*12.82*	
23 21 13 23-0013	LF	6" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	172.43	22.51
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*54.33*	
		For Work In Restricted Working Space, Add	*14.52*	
23 21 13 23-0014		**Threaded Black Steel Pipe And Fittings** *(23 21 13 23-0001)* Note: ASTM A-53 pipe and A-105 fittings. Threaded and coupled, schedule 40. Excludes hangers, elbow, tee, or reducer fittings.		
23 21 13 23-0015		**Threaded And Coupled, Black Steel Piping** *(23 21 13 23-0014)* Note: ASTM A-53. Includes coupling. Includes cutting and threading to length where necessary.		
23 21 13 23-0016	LF	3/8" Schedule 40, Threaded And Coupled, Black Steel Pipe	8.86	4.42
		For Work In Restricted Working Space, Add	*2.00*	
		For Schedule 80 Pipe, Add	*1.65*	
23 21 13 23-0017	LF	1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe	10.62	4.59
		For Work In Restricted Working Space, Add	*2.09*	
		For Schedule 80 Pipe, Add	*2.34*	
23 21 13 23-0018	LF	3/4" Schedule 40, Threaded And Coupled, Black Steel Pipe	12.14	4.93
		For Work In Restricted Working Space, Add	*2.22*	
		For Schedule 80 Pipe, Add	*2.87*	
23 21 13 23-0019	LF	1" Schedule 40, Threaded And Coupled, Black Steel Pipe	14.34	5.40
		For Work In Restricted Working Space, Add	*2.41*	
		For Schedule 80 Pipe, Add	*3.65*	
23 21 13 23-0020	LF	1-1/4" Schedule 40, Threaded And Coupled, Black Steel Pipe	16.95	5.63
		For Work In Restricted Working Space, Add	*2.55*	
		For Schedule 80 Pipe, Add	*4.65*	
23 21 13 23-0021	LF	1-1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe	20.09	6.66
		For Work In Restricted Working Space, Add	*2.99*	
		For Schedule 80 Pipe, Add	*5.55*	
23 21 13 23-0022	LF	2" Schedule 40, Threaded And Coupled, Black Steel Pipe	25.32	8.03
		For Work In Restricted Working Space, Add	*3.62*	
		For Schedule 80 Pipe, Add	*7.17*	
23 21 13 23-0023	LF	2-1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe	35.27	9.52
		For Work In Restricted Working Space, Add	*4.31*	
		For Schedule 80 Pipe, Add	*10.85*	
23 21 13 23-0024	LF	3" Schedule 40, Threaded And Coupled, Black Steel Pipe	46.53	12.74
		For Work In Restricted Working Space, Add	*5.74*	
		For Schedule 80 Pipe, Add	*14.24*	
23 21 13 23-0025	LF	4" Schedule 40, Threaded And Coupled, Black Steel Pipe	63.35	14.89
		For Work In Restricted Working Space, Add	*6.72*	
		For Schedule 80 Pipe, Add	*20.67*	
23 21 13 23-0026	LF	5" Schedule 40, Threaded And Coupled, Black Steel Pipe	82.92	19.03
		For Work In Restricted Working Space, Add	*8.55*	
		For Schedule 80 Pipe, Add	*27.34*	
23 21 13 23-0027	LF	6" Schedule 40, Threaded And Coupled, Black Steel Pipe	105.48	22.51
		For Work In Restricted Working Space, Add	*10.11*	
		For Schedule 80 Pipe, Add	*35.67*	
23 21 13 23-0028	LF	8" Schedule 40, Threaded And Coupled, Black Steel Pipe	147.17	27.21
		For Work In Restricted Working Space, Add	*12.22*	
		For Schedule 80 Pipe, Add	*51.97*	
23 21 13 23-0029	LF	10" Schedule 40, Threaded And Coupled, Black Steel Pipe	200.44	33.15
		For Work In Restricted Working Space, Add	*14.93*	
		For Schedule 80 Pipe, Add	*72.78*	
23 21 13 23-0030	LF	12" Schedule 40, Threaded And Coupled, Black Steel Pipe	267.90	43.56
		For Work In Restricted Working Space, Add	*19.60*	
		For Schedule 80 Pipe, Add	*97.69*	
23 21 13 23-0031		**Black Malleable Iron 90 Degree Elbows** *(23 21 13 23-0014)*		
23 21 13 23-0032	EA	3/8", 150 Lb., Black Malleable Iron 90 Degree Elbow	29.89	16.99
		For Work In Restricted Working Space, Add	*7.65*	
		For 300 Lb. Rating, Add	*12.07*	
		For Standard Weight Cast Iron Fittings, Add	*0.07*	
23 21 13 23-0033	EA	1/2", 150 Lb., Black Malleable Iron 90 Degree Elbow	33.65	20.43
		For Work In Restricted Working Space, Add	*9.18*	
		For 300 Lb. Rating, Add	*9.13*	
		For Standard Weight Cast Iron Fittings, Add	*0.05*	
23 21 13 23-0034	EA	3/4", 150 Lb., Black Malleable Iron 90 Degree Elbow	37.93	22.84
		For Work In Restricted Working Space, Add	*10.28*	
		For 300 Lb. Rating, Add	*10.86*	
		For Standard Weight Cast Iron Fittings, Add	*0.06*	
23 21 13 23-0035	EA	1", 150 Lb., Black Malleable Iron 90 Degree Elbow	44.63	25.48
		For Work In Restricted Working Space, Add	*11.48*	
		For 300 Lb. Rating, Add	*17.58*	
		For Standard Weight Cast Iron Fittings, Add	*0.10*	
23 21 13 23-0036	EA	1-1/4", 150 Lb., Black Malleable Iron 90 Degree Elbow	53.81	28.93
		For Work In Restricted Working Space, Add	*12.99*	
		For 300 Lb. Rating, Add	*27.80*	
		For Standard Weight Cast Iron Fittings, Add	*0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0037	EA	1-1/2", 150 Lb., Black Malleable Iron 90 Degree Elbow	62.66	32.59
		For Work In Restricted Working Space, Add	*14.65*	
		For 300 Lb. Rating, Add	*36.10*	
		For Standard Weight Cast Iron Fittings, Add	*0.22*	
23 21 13 23-0038	EA	2", 150 Lb., Black Malleable Iron 90 Degree Elbow	85.88	41.43
		For Work In Restricted Working Space, Add	*18.61*	
		For 300 Lb. Rating, Add	*60.94*	
		For Standard Weight Cast Iron Fittings, Add	*0.38*	
23 21 13 23-0039	EA	2-1/2", 150 Lb., Black Malleable Iron 90 Degree Elbow	144.90	61.29
		For Work In Restricted Working Space, Add	*27.54*	
		For 300 Lb. Rating, Add	*132.92*	
		For Standard Weight Cast Iron Fittings, Add	*0.85*	
23 21 13 23-0040	EA	3", 150 Lb., Black Malleable Iron 90 Degree Elbow	198.50	80.57
		For Work In Restricted Working Space, Add	*36.24*	
		For 300 Lb. Rating, Add	*193.70*	
		For Standard Weight Cast Iron Fittings, Add	*1.24*	
23 21 13 23-0041	EA	4", 150 Lb., Black Malleable Iron 90 Degree Elbow	297.52	87.12
		For Work In Restricted Working Space, Add	*39.19*	
		For 300 Lb. Rating, Add	*408.35*	
		For Standard Weight Cast Iron Fittings, Add	*2.67*	
23 21 13 23-0042	EA	5", 150 Lb., Black Malleable Iron 90 Degree Elbow	623.96	90.93
		For Work In Restricted Working Space, Add	*40.90*	
		For 300 Lb. Rating, Add	*1,178.52*	
		For Standard Weight Cast Iron Fittings, Add	*7.80*	
23 21 13 23-0043	EA	6", 150 Lb., Black Malleable Iron 90 Degree Elbow	705.82	95.07
		For Work In Restricted Working Space, Add	*42.76*	
		For 300 Lb. Rating, Add	*1,360.47*	
		For Standard Weight Cast Iron Fittings, Add	*9.01*	

23 21 13 23-0044 Black Malleable Iron Reducing 90 Degree Elbows *(23 21 13 23-0014)*

23 21 13 23-0045	EA	1/2" x 3/8", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	33.84	18.71
		For Work In Restricted Working Space, Add	*8.42*	
		For 300 Lb. Rating, Add	*15.58*	
		For Standard Weight Cast Iron Fittings, Add	*0.09*	
23 21 13 23-0046	EA	3/4" x 1/2", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	38.39	21.58
		For Work In Restricted Working Space, Add	*9.73*	
		For 300 Lb. Rating, Add	*16.25*	
		For Standard Weight Cast Iron Fittings, Add	*0.10*	
23 21 13 23-0047	EA	3/4" x 3/8", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	38.21	19.97
		For Work In Restricted Working Space, Add	*8.96*	
		For 300 Lb. Rating, Add	*21.78*	
		For Standard Weight Cast Iron Fittings, Add	*0.13*	
23 21 13 23-0048	EA	1" x 3/4", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	43.92	24.21
		For Work In Restricted Working Space, Add	*10.88*	
		For 300 Lb. Rating, Add	*20.56*	
		For Standard Weight Cast Iron Fittings, Add	*0.12*	
23 21 13 23-0049	EA	1" x 1/2", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	42.69	22.96
		For Work In Restricted Working Space, Add	*10.33*	
		For 300 Lb. Rating, Add	*21.89*	
		For Standard Weight Cast Iron Fittings, Add	*0.13*	
23 21 13 23-0050	EA	1" x 3/8", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	48.15	21.23
		For Work In Restricted Working Space, Add	*9.57*	
		For 300 Lb. Rating, Add	*40.94*	
		For Standard Weight Cast Iron Fittings, Add	*0.26*	
23 21 13 23-0051	EA	1-1/4" x 1", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	53.64	27.20
		For Work In Restricted Working Space, Add	*12.23*	
		For 300 Lb. Rating, Add	*33.31*	
		For Standard Weight Cast Iron Fittings, Add	*0.21*	
23 21 13 23-0052	EA	1-1/4" x 3/4", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	53.14	25.83
		For Work In Restricted Working Space, Add	*11.63*	
		For 300 Lb. Rating, Add	*36.79*	
		For Standard Weight Cast Iron Fittings, Add	*0.23*	
23 21 13 23-0053	EA	1-1/4" x 1/2", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	53.73	24.68
		For Work In Restricted Working Space, Add	*11.09*	
		For 300 Lb. Rating, Add	*42.47*	
		For Standard Weight Cast Iron Fittings, Add	*0.27*	
23 21 13 23-0054	EA	1-1/2" x 1-1/4", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	64.22	30.76
		For Work In Restricted Working Space, Add	*13.82*	
		For 300 Lb. Rating, Add	*46.32*	
		For Standard Weight Cast Iron Fittings, Add	*0.29*	
23 21 13 23-0055	EA	1-1/2" x 1", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	61.70	29.04
		For Work In Restricted Working Space, Add	*13.07*	
		For 300 Lb. Rating, Add	*46.17*	
		For Standard Weight Cast Iron Fittings, Add	*0.29*	
23 21 13 23-0056	EA	1-1/2" x 3/4", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	62.31	27.66
		For Work In Restricted Working Space, Add	*12.46*	
		For 300 Lb. Rating, Add	*52.34*	
		For Standard Weight Cast Iron Fittings, Add	*0.33*	
23 21 13 23-0057	EA	2" x 1-1/2", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	81.74	36.96
		For Work In Restricted Working Space, Add	*16.63*	
		For 300 Lb. Rating, Add	*66.45*	
		For Standard Weight Cast Iron Fittings, Add	*0.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0058	EA	2" x 1-1/4", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	82.56	35.12
		For Work In Restricted Working Space, Add	*15.80*	
		For 300 Lb. Rating, Add	*74.90*	
		For Standard Weight Cast Iron Fittings, Add	*0.48*	
23 21 13 23-0059	EA	2" x 1", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	80.03	33.40
		For Work In Restricted Working Space, Add	*15.04*	
		For 300 Lb. Rating, Add	*74.74*	
		For Standard Weight Cast Iron Fittings, Add	*0.48*	
23 21 13 23-0060	EA	2" x 3/4", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	79.84	32.14
		For Work In Restricted Working Space, Add	*14.45*	
		For 300 Lb. Rating, Add	*78.95*	
		For Standard Weight Cast Iron Fittings, Add	*0.51*	
23 21 13 23-0061	EA	2-1/2" x 2", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	149.10	51.30
		For Work In Restricted Working Space, Add	*23.08*	
		For 300 Lb. Rating, Add	*177.82*	
		For Standard Weight Cast Iron Fittings, Add	*1.15*	
23 21 13 23-0062	EA	2-1/2" x 1-1/2", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	146.75	46.94
		For Work In Restricted Working Space, Add	*21.10*	
		For 300 Lb. Rating, Add	*187.63*	
		For Standard Weight Cast Iron Fittings, Add	*1.22*	
23 21 13 23-0063	EA	3" x 2-1/2", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	241.37	70.93
		For Work In Restricted Working Space, Add	*31.89*	
		For 300 Lb. Rating, Add	*330.52*	
		For Standard Weight Cast Iron Fittings, Add	*2.16*	
23 21 13 23-0064	EA	3" x 2", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	208.10	60.94
		For Work In Restricted Working Space, Add	*27.43*	
		For 300 Lb. Rating, Add	*285.49*	
		For Standard Weight Cast Iron Fittings, Add	*1.87*	
23 21 13 23-0065	EA	4" x 3", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	355.08	82.86
		For Work In Restricted Working Space, Add	*37.28*	
		For 300 Lb. Rating, Add	*561.42*	
		For Standard Weight Cast Iron Fittings, Add	*3.69*	

23 21 13 23-0066 Black Malleable Iron 45 Degree Elbows *(23 21 13 23-0014)*

23 21 13 23-0067	EA	3/8", 150 Lb., Black Malleable Iron 45 Degree Elbow	32.11	16.99
		For Work In Restricted Working Space, Add	*7.65*	
		For 300 Lb. Rating, Add	*17.39*	
		For Standard Weight Cast Iron Fittings, Add	*0.11*	
23 21 13 23-0068	EA	1/2", 150 Lb., Black Malleable Iron 45 Degree Elbow	35.63	20.43
		For Work In Restricted Working Space, Add	*9.18*	
		For 300 Lb. Rating, Add	*13.88*	
		For Standard Weight Cast Iron Fittings, Add	*0.08*	
23 21 13 23-0069	EA	3/4", 150 Lb., Black Malleable Iron 45 Degree Elbow	40.47	22.84
		For Work In Restricted Working Space, Add	*10.28*	
		For 300 Lb. Rating, Add	*16.96*	
		For Standard Weight Cast Iron Fittings, Add	*0.10*	
23 21 13 23-0070	EA	1", 150 Lb., Black Malleable Iron 45 Degree Elbow	46.08	25.48
		For Work In Restricted Working Space, Add	*11.48*	
		For 300 Lb. Rating, Add	*21.06*	
		For Standard Weight Cast Iron Fittings, Add	*0.13*	
23 21 13 23-0071	EA	1-1/4", 150 Lb., Black Malleable Iron 45 Degree Elbow	57.14	28.93
		For Work In Restricted Working Space, Add	*12.99*	
		For 300 Lb. Rating, Add	*35.79*	
		For Standard Weight Cast Iron Fittings, Add	*0.22*	
23 21 13 23-0072	EA	1-1/2", 150 Lb., Black Malleable Iron 45 Degree Elbow	65.95	32.59
		For Work In Restricted Working Space, Add	*14.65*	
		For 300 Lb. Rating, Add	*43.99*	
		For Standard Weight Cast Iron Fittings, Add	*0.27*	
23 21 13 23-0073	EA	2", 150 Lb., Black Malleable Iron 45 Degree Elbow	87.91	41.43
		For Work In Restricted Working Space, Add	*18.61*	
		For 300 Lb. Rating, Add	*65.81*	
		For Standard Weight Cast Iron Fittings, Add	*0.41*	
23 21 13 23-0074	EA	2-1/2", 150 Lb., Black Malleable Iron 45 Degree Elbow	166.68	61.29
		For Work In Restricted Working Space, Add	*27.54*	
		For 300 Lb. Rating, Add	*185.20*	
		For Standard Weight Cast Iron Fittings, Add	*1.20*	
23 21 13 23-0075	EA	3", 150 Lb., Black Malleable Iron 45 Degree Elbow	218.05	80.57
		For Work In Restricted Working Space, Add	*36.24*	
		For 300 Lb. Rating, Add	*240.62*	
		For Standard Weight Cast Iron Fittings, Add	*1.56*	
23 21 13 23-0076	EA	4", 150 Lb., Black Malleable Iron 45 Degree Elbow	321.33	87.12
		For Work In Restricted Working Space, Add	*39.19*	
		For 300 Lb. Rating, Add	*465.49*	
		For Standard Weight Cast Iron Fittings, Add	*3.05*	
23 21 13 23-0077	EA	5", 150 Lb., Black Malleable Iron 45 Degree Elbow	889.57	90.93
		For Work In Restricted Working Space, Add	*40.90*	
		For 300 Lb. Rating, Add	*1,815.98*	
		For Standard Weight Cast Iron Fittings, Add	*12.05*	
23 21 13 23-0078	EA	6", 150 Lb., Black Malleable Iron 45 Degree Elbow	913.18	95.07
		For Work In Restricted Working Space, Add	*42.76*	
		For 300 Lb. Rating, Add	*1,858.14*	
		For Standard Weight Cast Iron Fittings, Add	*12.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0079		**Black Malleable Iron Tees** *(23 21 13 23-0014)*		
23 21 13 23-0080	EA	3/8", 150 Lb., Black Malleable Iron Tee	38.25	21.00
		For Work In Restricted Working Space, Add	*9.56*	
		For 300 Lb. Rating, Add	*17.20*	
		For Standard Weight Cast Iron Fittings, Add	*0.10*	
23 21 13 23-0081	EA	1/2", 150 Lb., Black Malleable Iron Tee	42.33	25.48
		For Work In Restricted Working Space, Add	*11.48*	
		For 300 Lb. Rating, Add	*12.06*	
		For Standard Weight Cast Iron Fittings, Add	*0.07*	
23 21 13 23-0082	EA	3/4", 150 Lb., Black Malleable Iron Tee	49.97	29.50
		For Work In Restricted Working Space, Add	*13.24*	
		For 300 Lb. Rating, Add	*16.64*	
		For Standard Weight Cast Iron Fittings, Add	*0.09*	
23 21 13 23-0083	EA	1", 150 Lb., Black Malleable Iron Tee	62.15	34.78
		For Work In Restricted Working Space, Add	*15.65*	
		For 300 Lb. Rating, Add	*27.11*	
		For Standard Weight Cast Iron Fittings, Add	*0.16*	
23 21 13 23-0084	EA	1-1/4", 150 Lb., Black Malleable Iron Tee	78.22	41.43
		For Work In Restricted Working Space, Add	*18.61*	
		For 300 Lb. Rating, Add	*42.55*	
		For Standard Weight Cast Iron Fittings, Add	*0.26*	
23 21 13 23-0085	EA	1-1/2", 150 Lb., Black Malleable Iron Tee	94.16	49.36
		For Work In Restricted Working Space, Add	*22.21*	
		For 300 Lb. Rating, Add	*52.73*	
		For Standard Weight Cast Iron Fittings, Add	*0.32*	
23 21 13 23-0086	EA	2", 150 Lb., Black Malleable Iron Tee	126.10	61.29
		For Work In Restricted Working Space, Add	*27.54*	
		For 300 Lb. Rating, Add	*87.80*	
		For Standard Weight Cast Iron Fittings, Add	*0.55*	
23 21 13 23-0087	EA	2-1/2", 150 Lb., Black Malleable Iron Tee	194.74	80.57
		For Work In Restricted Working Space, Add	*36.24*	
		For 300 Lb. Rating, Add	*184.68*	
		For Standard Weight Cast Iron Fittings, Add	*1.18*	
23 21 13 23-0088	EA	3", 150 Lb., Black Malleable Iron Tee	252.37	95.72
		For Work In Restricted Working Space, Add	*43.04*	
		For 300 Lb. Rating, Add	*269.97*	
		For Standard Weight Cast Iron Fittings, Add	*1.74*	
23 21 13 23-0089	EA	4", 150 Lb., Black Malleable Iron Tee	428.23	110.08
		For Work In Restricted Working Space, Add	*49.51*	
		For 300 Lb. Rating, Add	*641.61*	
		For Standard Weight Cast Iron Fittings, Add	*4.21*	
23 21 13 23-0090	EA	5", 150 Lb., Black Malleable Iron Tee	993.59	130.68
		For Work In Restricted Working Space, Add	*58.79*	
		For 300 Lb. Rating, Add	*1,926.07*	
		For Standard Weight Cast Iron Fittings, Add	*12.76*	
23 21 13 23-0091	EA	6", 150 Lb., Black Malleable Iron Tee	1,079.96	149.38
		For Work In Restricted Working Space, Add	*67.19*	
		For 300 Lb. Rating, Add	*2,067.84*	
		For Standard Weight Cast Iron Fittings, Add	*13.70*	
23 21 13 23-0092		**Black Malleable Iron Reducing Tees** *(23 21 13 23-0014)*		
23 21 13 23-0093	EA	1/2", 150 Lb., Black Malleable Iron Reducing Tee	45.18	25.48
		For Work In Restricted Working Space, Add	*11.48*	
		For 300 Lb. Rating, Add	*18.90*	
		For Standard Weight Cast Iron Fittings, Add	*0.11*	
23 21 13 23-0094	EA	3/4", 150 Lb., Black Malleable Iron Reducing Tee	53.16	29.50
		For Work In Restricted Working Space, Add	*13.24*	
		For 300 Lb. Rating, Add	*24.30*	
		For Standard Weight Cast Iron Fittings, Add	*0.14*	
23 21 13 23-0095	EA	1", 150 Lb., Black Malleable Iron Reducing Tee	63.54	34.78
		For Work In Restricted Working Space, Add	*15.65*	
		For 300 Lb. Rating, Add	*30.44*	
		For Standard Weight Cast Iron Fittings, Add	*0.18*	
23 21 13 23-0096	EA	1-1/4", 150 Lb., Black Malleable Iron Reducing Tee	84.42	41.43
		For Work In Restricted Working Space, Add	*18.61*	
		For 300 Lb. Rating, Add	*57.43*	
		For Standard Weight Cast Iron Fittings, Add	*0.36*	
23 21 13 23-0097	EA	1-1/2", 150 Lb., Black Malleable Iron Reducing Tee	98.83	49.36
		For Work In Restricted Working Space, Add	*22.21*	
		For 300 Lb. Rating, Add	*63.94*	
		For Standard Weight Cast Iron Fittings, Add	*0.40*	
23 21 13 23-0098	EA	2", 150 Lb., Black Malleable Iron Reducing Tee	127.80	61.29
		For Work In Restricted Working Space, Add	*27.54*	
		For 300 Lb. Rating, Add	*91.88*	
		For Standard Weight Cast Iron Fittings, Add	*0.58*	
23 21 13 23-0099	EA	2-1/2", 150 Lb., Black Malleable Iron Reducing Tee	232.96	80.57
		For Work In Restricted Working Space, Add	*36.24*	
		For 300 Lb. Rating, Add	*276.41*	
		For Standard Weight Cast Iron Fittings, Add	*1.79*	
23 21 13 23-0100	EA	3", 150 Lb., Black Malleable Iron Reducing Tee	271.92	95.72
		For Work In Restricted Working Space, Add	*43.04*	
		For 300 Lb. Rating, Add	*316.89*	
		For Standard Weight Cast Iron Fittings, Add	*2.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0101	EA	4", 150 Lb., Black Malleable Iron Reducing Tee	476.54	110.08
		For Work In Restricted Working Space, Add	*49.51*	
		For 300 Lb. Rating, Add	*757.55*	
		For Standard Weight Cast Iron Fittings, Add	*4.98*	
23 21 13 23-0102	EA	5", 150 Lb., Black Malleable Iron Reducing Tee	918.53	130.68
		For Work In Restricted Working Space, Add	*58.79*	
		For 300 Lb. Rating, Add	*1,745.93*	
		For Standard Weight Cast Iron Fittings, Add	*11.56*	
23 21 13 23-0103	EA	6", 150 Lb., Black Malleable Iron Reducing Tee	1,043.52	149.38
		For Work In Restricted Working Space, Add	*67.19*	
		For 300 Lb. Rating, Add	*1,980.38*	
		For Standard Weight Cast Iron Fittings, Add	*13.11*	

23 21 13 23-0104 Black Malleable Iron Couplings *(23 21 13 23-0014)*

23 21 13 23-0105	EA	3/8", 150 Lb., Black Malleable Iron Coupling	30.96	16.99
		For Work In Restricted Working Space, Add	*7.65*	
		For 300 Lb. Rating, Add	*14.63*	
		For Standard Weight Cast Iron Fittings, Add	*0.09*	
23 21 13 23-0106	EA	1/2", 150 Lb., Black Malleable Iron Coupling	34.81	20.43
		For Work In Restricted Working Space, Add	*9.18*	
		For 300 Lb. Rating, Add	*11.92*	
		For Standard Weight Cast Iron Fittings, Add	*0.07*	
23 21 13 23-0107	EA	3/4", 150 Lb., Black Malleable Iron Coupling	39.18	22.84
		For Work In Restricted Working Space, Add	*10.28*	
		For 300 Lb. Rating, Add	*13.86*	
		For Standard Weight Cast Iron Fittings, Add	*0.08*	
23 21 13 23-0108	EA	1", 150 Lb., Black Malleable Iron Coupling	45.63	25.48
		For Work In Restricted Working Space, Add	*11.48*	
		For 300 Lb. Rating, Add	*19.98*	
		For Standard Weight Cast Iron Fittings, Add	*0.12*	
23 21 13 23-0109	EA	1-1/4", 150 Lb., Black Malleable Iron Coupling	52.86	28.93
		For Work In Restricted Working Space, Add	*12.99*	
		For 300 Lb. Rating, Add	*25.52*	
		For Standard Weight Cast Iron Fittings, Add	*0.15*	
23 21 13 23-0110	EA	1-1/2", 150 Lb., Black Malleable Iron Coupling	61.74	32.59
		For Work In Restricted Working Space, Add	*14.65*	
		For 300 Lb. Rating, Add	*33.89*	
		For Standard Weight Cast Iron Fittings, Add	*0.21*	
23 21 13 23-0111	EA	2", 150 Lb., Black Malleable Iron Coupling	81.16	41.43
		For Work In Restricted Working Space, Add	*18.61*	
		For 300 Lb. Rating, Add	*49.61*	
		For Standard Weight Cast Iron Fittings, Add	*0.31*	
23 21 13 23-0112	EA	2-1/2", 150 Lb., Black Malleable Iron Coupling	144.56	61.29
		For Work In Restricted Working Space, Add	*27.54*	
		For 300 Lb. Rating, Add	*132.11*	
		For Standard Weight Cast Iron Fittings, Add	*0.84*	
23 21 13 23-0113	EA	3", 150 Lb., Black Malleable Iron Coupling	192.13	80.57
		For Work In Restricted Working Space, Add	*36.24*	
		For 300 Lb. Rating, Add	*178.42*	
		For Standard Weight Cast Iron Fittings, Add	*1.14*	
23 21 13 23-0114	EA	4", 150 Lb., Black Malleable Iron Coupling	274.28	87.12
		For Work In Restricted Working Space, Add	*39.19*	
		For 300 Lb. Rating, Add	*352.57*	
		For Standard Weight Cast Iron Fittings, Add	*2.30*	
23 21 13 23-0115	EA	5", 150 Lb., Black Malleable Iron Coupling	540.78	90.93
		For Work In Restricted Working Space, Add	*40.90*	
		For 300 Lb. Rating, Add	*978.88*	
		For Standard Weight Cast Iron Fittings, Add	*6.47*	
23 21 13 23-0116	EA	6", 150 Lb., Black Malleable Iron Coupling	603.30	95.07
		For Work In Restricted Working Space, Add	*42.76*	
		For 300 Lb. Rating, Add	*1,114.42*	
		For Standard Weight Cast Iron Fittings, Add	*7.37*	

23 21 13 23-0117 Black Malleable Iron Reducing Couplings *(23 21 13 23-0014)*

23 21 13 23-0118	EA	1/2", 150 Lb., Black Malleable Iron Reducing Coupling	35.83	20.43
		For Work In Restricted Working Space, Add	*9.18*	
		For 300 Lb. Rating, Add	*14.36*	
		For Standard Weight Cast Iron Fittings, Add	*0.08*	
23 21 13 23-0119	EA	3/4", 150 Lb., Black Malleable Iron Reducing Coupling	39.79	22.84
		For Work In Restricted Working Space, Add	*10.28*	
		For 300 Lb. Rating, Add	*15.33*	
		For Standard Weight Cast Iron Fittings, Add	*0.09*	
23 21 13 23-0120	EA	1", 150 Lb., Black Malleable Iron Reducing Coupling	46.86	25.48
		For Work In Restricted Working Space, Add	*11.48*	
		For 300 Lb. Rating, Add	*22.94*	
		For Standard Weight Cast Iron Fittings, Add	*0.14*	
23 21 13 23-0121	EA	1-1/4", 150 Lb., Black Malleable Iron Reducing Coupling	54.37	28.93
		For Work In Restricted Working Space, Add	*12.99*	
		For 300 Lb. Rating, Add	*29.14*	
		For Standard Weight Cast Iron Fittings, Add	*0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0122	EA	1-1/2", 150 Lb., Black Malleable Iron Reducing Coupling	62.82	32.59
		For Work In Restricted Working Space, Add	*14.65*	
		For 300 Lb. Rating, Add	*36.48*	
		For Standard Weight Cast Iron Fittings, Add	*0.22*	
23 21 13 23-0123	EA	2", 150 Lb., Black Malleable Iron Reducing Coupling	82.30	41.43
		For Work In Restricted Working Space, Add	*18.61*	
		For 300 Lb. Rating, Add	*52.35*	
		For Standard Weight Cast Iron Fittings, Add	*0.32*	
23 21 13 23-0124	EA	2-1/2", 150 Lb., Black Malleable Iron Reducing Coupling	151.68	61.29
		For Work In Restricted Working Space, Add	*27.54*	
		For 300 Lb. Rating, Add	*149.20*	
		For Standard Weight Cast Iron Fittings, Add	*0.96*	
23 21 13 23-0125	EA	3", 150 Lb., Black Malleable Iron Reducing Coupling	193.59	80.57
		For Work In Restricted Working Space, Add	*36.24*	
		For 300 Lb. Rating, Add	*181.92*	
		For Standard Weight Cast Iron Fittings, Add	*1.16*	
23 21 13 23-0126	EA	4", 150 Lb., Black Malleable Iron Reducing Coupling	276.52	87.12
		For Work In Restricted Working Space, Add	*39.19*	
		For 300 Lb. Rating, Add	*357.95*	
		For Standard Weight Cast Iron Fittings, Add	*2.33*	
23 21 13 23-0127	EA	5", 150 Lb., Black Malleable Iron Reducing Coupling	464.22	90.93
		For Work In Restricted Working Space, Add	*40.90*	
		For 300 Lb. Rating, Add	*795.14*	
		For Standard Weight Cast Iron Fittings, Add	*5.25*	
23 21 13 23-0128	EA	6", 150 Lb., Black Malleable Iron Reducing Coupling	563.67	95.07
		For Work In Restricted Working Space, Add	*42.76*	
		For 300 Lb. Rating, Add	*1,019.31*	
		For Standard Weight Cast Iron Fittings, Add	*6.74*	

23 21 13 23-0129 Black Malleable Iron Caps *(23 21 13 23-0014)*

23 21 13 23-0130	EA	1/2", 150 Lb., Black Malleable Iron Cap	16.85	9.07
		For Work In Restricted Working Space, Add	*4.13*	
		For 300 Lb. Rating, Add	*8.22*	
		For Standard Weight Cast Iron Fittings, Add	*0.05*	
23 21 13 23-0131	EA	3/4", 150 Lb., Black Malleable Iron Cap	19.57	10.22
		For Work In Restricted Working Space, Add	*4.62*	
		For 300 Lb. Rating, Add	*10.91*	
		For Standard Weight Cast Iron Fittings, Add	*0.07*	
23 21 13 23-0132	EA	1", 150 Lb., Black Malleable Iron Cap	22.26	11.37
		For Work In Restricted Working Space, Add	*5.17*	
		For 300 Lb. Rating, Add	*13.13*	
		For Standard Weight Cast Iron Fittings, Add	*0.08*	
23 21 13 23-0133	EA	1-1/4", 150 Lb., Black Malleable Iron Cap	26.12	12.86
		For Work In Restricted Working Space, Add	*5.85*	
		For 300 Lb. Rating, Add	*17.08*	
		For Standard Weight Cast Iron Fittings, Add	*0.11*	
23 21 13 23-0134	EA	1-1/2", 150 Lb., Black Malleable Iron Cap	31.09	14.46
		For Work In Restricted Working Space, Add	*6.59*	
		For 300 Lb. Rating, Add	*23.18*	
		For Standard Weight Cast Iron Fittings, Add	*0.15*	
23 21 13 23-0135	EA	2", 150 Lb., Black Malleable Iron Cap	41.22	18.48
		For Work In Restricted Working Space, Add	*8.37*	
		For 300 Lb. Rating, Add	*33.62*	
		For Standard Weight Cast Iron Fittings, Add	*0.21*	
23 21 13 23-0136	EA	2-1/2", 150 Lb., Black Malleable Iron Cap	71.85	27.32
		For Work In Restricted Working Space, Add	*12.40*	
		For 300 Lb. Rating, Add	*75.75*	
		For Standard Weight Cast Iron Fittings, Add	*0.49*	
23 21 13 23-0137	EA	3", 150 Lb., Black Malleable Iron Cap	99.40	35.92
		For Work In Restricted Working Space, Add	*16.31*	
		For 300 Lb. Rating, Add	*111.33*	
		For Standard Weight Cast Iron Fittings, Add	*0.72*	
23 21 13 23-0138	EA	4", 150 Lb., Black Malleable Iron Cap	136.00	38.86
		For Work In Restricted Working Space, Add	*17.64*	
		For 300 Lb. Rating, Add	*188.83*	
		For Standard Weight Cast Iron Fittings, Add	*1.24*	
23 21 13 23-0139	EA	5", 150 Lb., Black Malleable Iron Cap	245.37	40.53
		For Work In Restricted Working Space, Add	*18.40*	
		For 300 Lb. Rating, Add	*445.35*	
		For Standard Weight Cast Iron Fittings, Add	*2.94*	
23 21 13 23-0140	EA	6", 150 Lb., Black Malleable Iron Cap	401.47	42.33
		For Work In Restricted Working Space, Add	*19.24*	
		For 300 Lb. Rating, Add	*813.46*	
		For Standard Weight Cast Iron Fittings, Add	*5.40*	

23 21 13 23-0141 Black Malleable Iron Unions *(23 21 13 23-0014)*

23 21 13 23-0142	EA	3/8", 150 Lb., Black Malleable Iron Union	40.24	16.99
		For Work In Restricted Working Space, Add	*7.65*	
23 21 13 23-0143	EA	1/2", 150 Lb., Black Malleable Iron Union	51.60	25.48
		For Work In Restricted Working Space, Add	*11.48*	
23 21 13 23-0144	EA	3/4", 150 Lb., Black Malleable Iron Union	59.48	29.50
		For Work In Restricted Working Space, Add	*13.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0145	EA	1", 150 Lb., Black Malleable Iron Union	72.16	34.78
		For Work In Restricted Working Space, Add	*15.65*	
23 21 13 23-0146	EA	1-1/4", 150 Lb., Black Malleable Iron Union	90.72	41.43
		For Work In Restricted Working Space, Add	*18.61*	
23 21 13 23-0147	EA	1-1/2", 150 Lb., Black Malleable Iron Union	109.79	49.36
		For Work In Restricted Working Space, Add	*22.21*	
23 21 13 23-0148	EA	2", 150 Lb., Black Malleable Iron Union	133.39	61.29
		For Work In Restricted Working Space, Add	*27.54*	
23 21 13 23-0149	EA	2-1/2", 150 Lb., Black Malleable Iron Union	259.40	90.32
		For Work In Restricted Working Space, Add	*40.66*	
23 21 13 23-0150	EA	3", 150 Lb., Black Malleable Iron Union	327.45	118.79
		For Work In Restricted Working Space, Add	*53.50*	
23 21 13 23-0151	EA	3/8", 250 Lb., Black Malleable Iron Union	44.98	16.99
		For Work In Restricted Working Space, Add	*7.65*	
23 21 13 23-0152	EA	1/2", 250 Lb., Black Malleable Iron Union	60.60	25.48
		For Work In Restricted Working Space, Add	*11.48*	
23 21 13 23-0153	EA	3/4", 250 Lb., Black Malleable Iron Union	66.13	29.50
		For Work In Restricted Working Space, Add	*13.24*	
23 21 13 23-0154	EA	1", 250 Lb., Black Malleable Iron Union	79.14	34.78
		For Work In Restricted Working Space, Add	*15.65*	
23 21 13 23-0155	EA	1-1/4", 250 Lb., Black Malleable Iron Union	107.30	41.43
		For Work In Restricted Working Space, Add	*18.61*	
23 21 13 23-0156	EA	1-1/2", 250 Lb., Black Malleable Iron Union	126.16	49.36
		For Work In Restricted Working Space, Add	*22.22*	
23 21 13 23-0157	EA	2", 250 Lb., Black Malleable Iron Union	158.67	61.29
		For Work In Restricted Working Space, Add	*27.54*	
23 21 13 23-0158	EA	2-1/2", 250 Lb., Black Malleable Iron Union	345.10	90.32
		For Work In Restricted Working Space, Add	*40.66*	
23 21 13 23-0159	EA	3", 250 Lb., Black Malleable Iron Union	423.60	118.79
		For Work In Restricted Working Space, Add	*53.50*	
23 21 13 23-0160	EA	4", 250 Lb., Black Malleable Iron Union	627.57	128.55
		For Work In Restricted Working Space, Add	*57.86*	
23 21 13 23-0161	EA	3/8", 300 Lb., Black Malleable Iron Union	57.12	16.99
		For Work In Restricted Working Space, Add	*7.65*	
23 21 13 23-0162	EA	1/2", 300 Lb., Black Malleable Iron Union	63.83	25.48
		For Work In Restricted Working Space, Add	*11.48*	
23 21 13 23-0163	EA	3/4", 300 Lb., Black Malleable Iron Union	72.46	29.50
		For Work In Restricted Working Space, Add	*13.24*	
23 21 13 23-0164	EA	1", 300 Lb., Black Malleable Iron Union	89.14	34.78
		For Work In Restricted Working Space, Add	*15.65*	
23 21 13 23-0165	EA	1-1/4", 300 Lb., Black Malleable Iron Union	122.35	41.43
		For Work In Restricted Working Space, Add	*18.61*	
23 21 13 23-0166	EA	1-1/2", 300 Lb., Black Malleable Iron Union	137.22	49.36
		For Work In Restricted Working Space, Add	*22.22*	
23 21 13 23-0167	EA	2", 300 Lb., Black Malleable Iron Union	170.05	61.29
		For Work In Restricted Working Space, Add	*27.54*	
23 21 13 23-0168	EA	2-1/2", 300 Lb., Black Malleable Iron Union	387.79	90.32
		For Work In Restricted Working Space, Add	*40.66*	
23 21 13 23-0169	EA	3", 300 Lb., Black Malleable Iron Union	504.67	118.79
		For Work In Restricted Working Space, Add	*53.50*	
23 21 13 23-0170	EA	4", 300 Lb., Black Malleable Iron Union	1,228.60	128.55
		For Work In Restricted Working Space, Add	*57.86*	

23 21 13 23-0171 Black Steel Nipples *(23 21 13 23-0014)*

23 21 13 23-0172	EA	3/8" x Close, Schedule 40 Black Steel Nipple	19.42	10.90
		For Schedule 80 Nipples, Add	*1.52*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0173	EA	1/2" x Close, Schedule 40 Black Steel Nipple	18.95	10.90
		For Schedule 80 Nipples, Add	*1.28*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0174	EA	3/4" x Close, Schedule 40 Black Steel Nipple	19.33	10.90
		For Schedule 80 Nipples, Add	*1.47*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0175	EA	1" x Close, Schedule 40 Black Steel Nipple	21.92	11.82
		For Schedule 80 Nipples, Add	*2.13*	
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0176	EA	1-1/4" x Close, Schedule 40 Black Steel Nipple	24.53	12.74
		For Schedule 80 Nipples, Add	*2.70*	
		For Work In Restricted Working Space, Add	*5.74*	
23 21 13 23-0177	EA	1-1/2" x Close, Schedule 40 Black Steel Nipple	25.86	12.74
		For Schedule 80 Nipples, Add	*3.37*	
		For Work In Restricted Working Space, Add	*5.74*	
23 21 13 23-0178	EA	2" x Close, Schedule 40 Black Steel Nipple	33.84	16.41
		For Schedule 80 Nipples, Add	*4.58*	
		For Work In Restricted Working Space, Add	*7.40*	
23 21 13 23-0179	EA	2-1/2" x Close, Schedule 40 Black Steel Nipple	59.29	20.43
		For Schedule 80 Nipples, Add	*14.34*	
		For Work In Restricted Working Space, Add	*9.18*	
23 21 13 23-0180	EA	3" x Close, Schedule 40 Black Steel Nipple	71.10	24.68
		For Schedule 80 Nipples, Add	*17.04*	
		For Work In Restricted Working Space, Add	*11.11*	
23 21 13 23-0181	EA	4" x Close, Schedule 40 Black Steel Nipple	96.12	29.89
		For Schedule 80 Nipples, Add	*25.66*	
		For Work In Restricted Working Space, Add	*13.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0182	EA	3/8" x 1-1/2" Long, Schedule 40 Black Steel Nipple	19.83	10.90
		For Schedule 80 Nipples, Add	*1.72*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0183	EA	1/2" x 1-1/2" Long, Schedule 40 Black Steel Nipple	18.95	10.90
		For Schedule 80 Nipples, Add	*1.28*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0184	EA	3/4" x 1-1/2" Long, Schedule 40 Black Steel Nipple	19.55	10.90
		For Schedule 80 Nipples, Add	*1.58*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0185	EA	3/8" x 2" Long, Schedule 40 Black Steel Nipple	19.83	10.90
		For Schedule 80 Nipples, Add	*1.72*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0186	EA	1/2" x 2" Long, Schedule 40 Black Steel Nipple	18.95	10.90
		For Schedule 80 Nipples, Add	*1.28*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0187	EA	3/4" x 2" Long, Schedule 40 Black Steel Nipple	19.55	10.90
		For Schedule 80 Nipples, Add	*1.58*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0188	EA	1" x 2" Long, Schedule 40 Black Steel Nipple	22.33	11.82
		For Schedule 80 Nipples, Add	*2.34*	
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0189	EA	1-1/4" x 2" Long, Schedule 40 Black Steel Nipple	25.26	12.74
		For Schedule 80 Nipples, Add	*3.07*	
		For Work In Restricted Working Space, Add	*5.74*	
23 21 13 23-0190	EA	1-1/2" x 2" Long, Schedule 40 Black Steel Nipple	26.39	12.74
		For Schedule 80 Nipples, Add	*3.63*	
		For Work In Restricted Working Space, Add	*5.74*	
23 21 13 23-0191	EA	3/8" x 2-1/2" Long, Schedule 40 Black Steel Nipple	20.81	10.90
		For Schedule 80 Nipples, Add	*2.21*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0192	EA	1/2" x 2-1/2" Long, Schedule 40 Black Steel Nipple	19.42	10.90
		For Schedule 80 Nipples, Add	*1.52*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0193	EA	3/4" x 2-1/2" Long, Schedule 40 Black Steel Nipple	19.96	10.90
		For Schedule 80 Nipples, Add	*1.79*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0194	EA	1" x 2-1/2" Long, Schedule 40 Black Steel Nipple	22.62	11.82
		For Schedule 80 Nipples, Add	*2.48*	
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0195	EA	1-1/4" x 2-1/2" Long, Schedule 40 Black Steel Nipple	25.64	12.74
		For Schedule 80 Nipples, Add	*3.26*	
		For Work In Restricted Working Space, Add	*5.74*	
23 21 13 23-0196	EA	1-1/2" x 2-1/2" Long, Schedule 40 Black Steel Nipple	27.25	12.74
		For Schedule 80 Nipples, Add	*4.06*	
		For Work In Restricted Working Space, Add	*5.74*	
23 21 13 23-0197	EA	2" x 2-1/2" Long, Schedule 40 Black Steel Nipple	35.20	16.41
		For Schedule 80 Nipples, Add	*5.26*	
		For Work In Restricted Working Space, Add	*7.40*	
23 21 13 23-0198	EA	3/8" x 3" Long, Schedule 40 Black Steel Nipple	20.81	10.90
		For Schedule 80 Nipples, Add	*2.21*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0199	EA	1/2" x 3" Long, Schedule 40 Black Steel Nipple	19.42	10.90
		For Schedule 80 Nipples, Add	*1.52*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0200	EA	3/4" x 3" Long, Schedule 40 Black Steel Nipple	19.96	10.90
		For Schedule 80 Nipples, Add	*1.79*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0201	EA	1" x 3" Long, Schedule 40 Black Steel Nipple	22.62	11.82
		For Schedule 80 Nipples, Add	*2.48*	
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0202	EA	1-1/4" x 3" Long, Schedule 40 Black Steel Nipple	25.64	12.74
		For Schedule 80 Nipples, Add	*3.26*	
		For Work In Restricted Working Space, Add	*5.74*	
23 21 13 23-0203	EA	1-1/2" x 3" Long, Schedule 40 Black Steel Nipple	27.25	12.74
		For Schedule 80 Nipples, Add	*4.06*	
		For Work In Restricted Working Space, Add	*5.74*	
23 21 13 23-0204	EA	2" x 3" Long, Schedule 40 Black Steel Nipple	35.20	16.41
		For Schedule 80 Nipples, Add	*5.26*	
		For Work In Restricted Working Space, Add	*7.40*	
23 21 13 23-0205	EA	2-1/2" x 3" Long, Schedule 40 Black Steel Nipple	60.04	20.43
		For Schedule 80 Nipples, Add	*14.72*	
		For Work In Restricted Working Space, Add	*9.18*	
23 21 13 23-0206	EA	3" x 3" Long, Schedule 40 Black Steel Nipple	74.07	24.68
		For Schedule 80 Nipples, Add	*18.53*	
		For Work In Restricted Working Space, Add	*11.11*	
23 21 13 23-0207	EA	3/8" x 3-1/2" Long, Schedule 40 Black Steel Nipple	21.60	10.90
		For Schedule 80 Nipples, Add	*2.61*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0208	EA	1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	20.02	10.90
		For Schedule 80 Nipples, Add	*1.82*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0209	EA	3/4" x 3-1/2" Long, Schedule 40 Black Steel Nipple	20.81	10.90
		For Schedule 80 Nipples, Add	*2.21*	
		For Work In Restricted Working Space, Add	*4.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0210	EA	1" x 3-1/2" Long, Schedule 40 Black Steel Nipple	23.79	11.82
		For Schedule 80 Nipples, Add	*3.07*	
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0211	EA	1-1/4" x 3-1/2" Long, Schedule 40 Black Steel Nipple	26.84	12.74
		For Schedule 80 Nipples, Add	*3.86*	
		For Work In Restricted Working Space, Add	*5.74*	
23 21 13 23-0212	EA	1-1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	28.23	12.74
		For Schedule 80 Nipples, Add	*4.55*	
		For Work In Restricted Working Space, Add	*5.74*	
23 21 13 23-0213	EA	2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	37.41	16.41
		For Schedule 80 Nipples, Add	*6.37*	
		For Work In Restricted Working Space, Add	*7.40*	
23 21 13 23-0214	EA	2-1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	65.22	20.43
		For Schedule 80 Nipples, Add	*17.31*	
		For Work In Restricted Working Space, Add	*9.18*	
23 21 13 23-0215	EA	3" x 3-1/2" Long, Schedule 40 Black Steel Nipple	80.89	24.68
		For Schedule 80 Nipples, Add	*21.94*	
		For Work In Restricted Working Space, Add	*11.11*	
23 21 13 23-0216	EA	3/8" x 4" Long, Schedule 40 Black Steel Nipple	21.60	10.90
		For Schedule 80 Nipples, Add	*2.61*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0217	EA	1/2" x 4" Long, Schedule 40 Black Steel Nipple	20.02	10.90
		For Schedule 80 Nipples, Add	*1.82*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0218	EA	3/4" x 4" Long, Schedule 40 Black Steel Nipple	20.81	10.90
		For Schedule 80 Nipples, Add	*2.21*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0219	EA	1" x 4" Long, Schedule 40 Black Steel Nipple	23.79	11.82
		For Schedule 80 Nipples, Add	*3.07*	
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0220	EA	1-1/4" x 4" Long, Schedule 40 Black Steel Nipple	26.84	12.74
		For Schedule 80 Nipples, Add	*3.86*	
		For Work In Restricted Working Space, Add	*5.74*	
23 21 13 23-0221	EA	1-1/2" x 4" Long, Schedule 40 Black Steel Nipple	28.23	12.74
		For Schedule 80 Nipples, Add	*4.55*	
		For Work In Restricted Working Space, Add	*5.74*	
23 21 13 23-0222	EA	2" x 4" Long, Schedule 40 Black Steel Nipple	37.41	16.41
		For Schedule 80 Nipples, Add	*6.37*	
		For Work In Restricted Working Space, Add	*7.40*	
23 21 13 23-0223	EA	2-1/2" x 4" Long, Schedule 40 Black Steel Nipple	65.22	20.43
		For Schedule 80 Nipples, Add	*17.31*	
		For Work In Restricted Working Space, Add	*9.18*	
23 21 13 23-0224	EA	3" x 4" Long, Schedule 40 Black Steel Nipple	80.89	24.68
		For Schedule 80 Nipples, Add	*21.94*	
		For Work In Restricted Working Space, Add	*11.11*	
23 21 13 23-0225	EA	4" x 4" Long, Schedule 40 Black Steel Nipple	104.17	29.89
		For Schedule 80 Nipples, Add	*29.69*	
		For Work In Restricted Working Space, Add	*13.44*	
23 21 13 23-0226	EA	3/8" x 4-1/2" Long, Schedule 40 Black Steel Nipple	23.91	10.90
		For Schedule 80 Nipples, Add	*3.76*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0227	EA	1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	20.65	10.90
		For Schedule 80 Nipples, Add	*2.13*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0228	EA	3/4" x 4-1/2" Long, Schedule 40 Black Steel Nipple	21.95	10.90
		For Schedule 80 Nipples, Add	*2.78*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0229	EA	1" x 4-1/2" Long, Schedule 40 Black Steel Nipple	24.92	11.82
		For Schedule 80 Nipples, Add	*3.63*	
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0230	EA	1-1/4" x 4-1/2" Long, Schedule 40 Black Steel Nipple	28.35	12.74
		For Schedule 80 Nipples, Add	*4.61*	
		For Work In Restricted Working Space, Add	*5.74*	
23 21 13 23-0231	EA	1-1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	30.25	12.74
		For Schedule 80 Nipples, Add	*5.56*	
		For Work In Restricted Working Space, Add	*5.74*	
23 21 13 23-0232	EA	2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	39.33	16.41
		For Schedule 80 Nipples, Add	*7.33*	
		For Work In Restricted Working Space, Add	*7.40*	
23 21 13 23-0233	EA	2-1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	68.63	20.43
		For Schedule 80 Nipples, Add	*19.01*	
		For Work In Restricted Working Space, Add	*9.18*	
23 21 13 23-0234	EA	3" x 4-1/2" Long, Schedule 40 Black Steel Nipple	85.40	24.68
		For Schedule 80 Nipples, Add	*24.19*	
		For Work In Restricted Working Space, Add	*11.11*	
23 21 13 23-0235	EA	4" x 4-1/2" Long, Schedule 40 Black Steel Nipple	112.64	29.89
		For Schedule 80 Nipples, Add	*33.92*	
		For Work In Restricted Working Space, Add	*13.44*	
23 21 13 23-0236	EA	3/8" x 5" Long, Schedule 40 Black Steel Nipple	23.91	10.90
		For Schedule 80 Nipples, Add	*3.76*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0237	EA	1/2" x 5" Long, Schedule 40 Black Steel Nipple	20.65	10.90
		For Schedule 80 Nipples, Add	*2.13*	
		For Work In Restricted Working Space, Add	*4.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0238	EA	3/4" x 5" Long, Schedule 40 Black Steel Nipple	21.95	10.90
		For Schedule 80 Nipples, Add	*2.78*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0239	EA	1" x 5" Long, Schedule 40 Black Steel Nipple	24.92	11.82
		For Schedule 80 Nipples, Add	*3.63*	
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0240	EA	1-1/4" x 5" Long, Schedule 40 Black Steel Nipple	28.35	12.74
		For Schedule 80 Nipples, Add	*4.61*	
		For Work In Restricted Working Space, Add	*5.74*	
23 21 13 23-0241	EA	1-1/2" x 5" Long, Schedule 40 Black Steel Nipple	30.25	12.74
		For Schedule 80 Nipples, Add	*5.56*	
		For Work In Restricted Working Space, Add	*5.74*	
23 21 13 23-0242	EA	2" x 5" Long, Schedule 40 Black Steel Nipple	39.33	16.41
		For Schedule 80 Nipples, Add	*7.33*	
		For Work In Restricted Working Space, Add	*7.40*	
23 21 13 23-0243	EA	2-1/2" x 5" Long, Schedule 40 Black Steel Nipple	68.63	20.43
		For Schedule 80 Nipples, Add	*19.01*	
		For Work In Restricted Working Space, Add	*9.18*	
23 21 13 23-0244	EA	3" x 5" Long, Schedule 40 Black Steel Nipple	85.40	24.68
		For Schedule 80 Nipples, Add	*24.19*	
		For Work In Restricted Working Space, Add	*11.11*	
23 21 13 23-0245	EA	4" x 5" Long, Schedule 40 Black Steel Nipple	112.64	29.89
		For Schedule 80 Nipples, Add	*33.92*	
		For Work In Restricted Working Space, Add	*13.44*	
23 21 13 23-0246	EA	3/8" x 6" Long, Schedule 40 Black Steel Nipple	24.76	10.90
		For Schedule 80 Nipples, Add	*4.19*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0247	EA	1/2" x 6" Long, Schedule 40 Black Steel Nipple	21.16	10.90
		For Schedule 80 Nipples, Add	*2.39*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0248	EA	3/4" x 6" Long, Schedule 40 Black Steel Nipple	22.71	10.90
		For Schedule 80 Nipples, Add	*3.16*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0249	EA	1" x 6" Long, Schedule 40 Black Steel Nipple	26.25	11.82
		For Schedule 80 Nipples, Add	*4.30*	
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0250	EA	1-1/4" x 6" Long, Schedule 40 Black Steel Nipple	30.06	12.74
		For Schedule 80 Nipples, Add	*5.47*	
		For Work In Restricted Working Space, Add	*5.74*	
23 21 13 23-0251	EA	1-1/2" x 6" Long, Schedule 40 Black Steel Nipple	31.89	12.74
		For Schedule 80 Nipples, Add	*6.38*	
		For Work In Restricted Working Space, Add	*5.74*	
23 21 13 23-0252	EA	2" x 6" Long, Schedule 40 Black Steel Nipple	41.86	16.41
		For Schedule 80 Nipples, Add	*8.59*	
		For Work In Restricted Working Space, Add	*7.40*	
23 21 13 23-0253	EA	2-1/2" x 6" Long, Schedule 40 Black Steel Nipple	70.25	20.43
		For Schedule 80 Nipples, Add	*19.82*	
		For Work In Restricted Working Space, Add	*9.18*	
23 21 13 23-0254	EA	3" x 6" Long, Schedule 40 Black Steel Nipple	89.60	24.68
		For Schedule 80 Nipples, Add	*26.29*	
		For Work In Restricted Working Space, Add	*11.11*	
23 21 13 23-0255	EA	4" x 6" Long, Schedule 40 Black Steel Nipple	117.31	29.89
		For Schedule 80 Nipples, Add	*36.26*	
		For Work In Restricted Working Space, Add	*13.44*	
23 21 13 23-0256	EA	3/8" x 8" Long, Schedule 40 Black Steel Nipple	31.08	10.90
		For Schedule 80 Nipples, Add	*7.35*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0257	EA	1/2" x 8" Long, Schedule 40 Black Steel Nipple	24.98	10.90
		For Schedule 80 Nipples, Add	*4.30*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0258	EA	3/4" x 8" Long, Schedule 40 Black Steel Nipple	26.91	10.90
		For Schedule 80 Nipples, Add	*5.26*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0259	EA	1" x 8" Long, Schedule 40 Black Steel Nipple	31.71	11.82
		For Schedule 80 Nipples, Add	*7.03*	
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0260	EA	1-1/4" x 8" Long, Schedule 40 Black Steel Nipple	36.78	12.74
		For Schedule 80 Nipples, Add	*8.83*	
		For Work In Restricted Working Space, Add	*5.74*	
23 21 13 23-0261	EA	1-1/2" x 8" Long, Schedule 40 Black Steel Nipple	39.37	12.74
		For Schedule 80 Nipples, Add	*10.12*	
		For Work In Restricted Working Space, Add	*5.74*	
23 21 13 23-0262	EA	2" x 8" Long, Schedule 40 Black Steel Nipple	53.48	16.41
		For Schedule 80 Nipples, Add	*14.40*	
		For Work In Restricted Working Space, Add	*7.40*	
23 21 13 23-0263	EA	2-1/2" x 8" Long, Schedule 40 Black Steel Nipple	81.05	20.43
		For Schedule 80 Nipples, Add	*25.22*	
		For Work In Restricted Working Space, Add	*9.18*	
23 21 13 23-0264	EA	3" x 8" Long, Schedule 40 Black Steel Nipple	107.95	24.68
		For Schedule 80 Nipples, Add	*35.47*	
		For Work In Restricted Working Space, Add	*11.11*	
23 21 13 23-0265	EA	4" x 8" Long, Schedule 40 Black Steel Nipple	128.49	29.89
		For Schedule 80 Nipples, Add	*41.85*	
		For Work In Restricted Working Space, Add	*13.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0266	EA	3/8" x 10" Long, Schedule 40 Black Steel Nipple	32.88	10.90
		For Schedule 80 Nipples, Add	*8.25*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0267	EA	1/2" x 10" Long, Schedule 40 Black Steel Nipple	26.72	10.90
		For Schedule 80 Nipples, Add	*5.17*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0268	EA	3/4" x 10" Long, Schedule 40 Black Steel Nipple	28.61	10.90
		For Schedule 80 Nipples, Add	*6.11*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0269	EA	1" x 10" Long, Schedule 40 Black Steel Nipple	34.08	11.82
		For Schedule 80 Nipples, Add	*8.21*	
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0270	EA	1-1/4" x 10" Long, Schedule 40 Black Steel Nipple	40.29	12.74
		For Schedule 80 Nipples, Add	*10.58*	
		For Work In Restricted Working Space, Add	*5.74*	
23 21 13 23-0271	EA	1-1/2" x 10" Long, Schedule 40 Black Steel Nipple	42.82	12.74
		For Schedule 80 Nipples, Add	*11.85*	
		For Work In Restricted Working Space, Add	*5.74*	
23 21 13 23-0272	EA	2" x 10" Long, Schedule 40 Black Steel Nipple	58.54	16.41
		For Schedule 80 Nipples, Add	*16.93*	
		For Work In Restricted Working Space, Add	*7.40*	
23 21 13 23-0273	EA	2-1/2" x 10" Long, Schedule 40 Black Steel Nipple	87.27	20.43
		For Schedule 80 Nipples, Add	*28.33*	
		For Work In Restricted Working Space, Add	*9.18*	
23 21 13 23-0274	EA	3" x 10" Long, Schedule 40 Black Steel Nipple	116.70	24.68
		For Schedule 80 Nipples, Add	*39.84*	
		For Work In Restricted Working Space, Add	*11.11*	
23 21 13 23-0275	EA	4" x 10" Long, Schedule 40 Black Steel Nipple	140.12	29.89
		For Schedule 80 Nipples, Add	*47.66*	
		For Work In Restricted Working Space, Add	*13.44*	
23 21 13 23-0276	EA	3/8" x 12" Long, Schedule 40 Black Steel Nipple	35.15	10.90
		For Schedule 80 Nipples, Add	*9.38*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0277	EA	1/2" x 12" Long, Schedule 40 Black Steel Nipple	28.64	10.90
		For Schedule 80 Nipples, Add	*6.13*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0278	EA	3/4" x 12" Long, Schedule 40 Black Steel Nipple	29.97	10.90
		For Schedule 80 Nipples, Add	*6.79*	
		For Work In Restricted Working Space, Add	*4.92*	
23 21 13 23-0279	EA	1" x 12" Long, Schedule 40 Black Steel Nipple	36.51	11.82
		For Schedule 80 Nipples, Add	*9.43*	
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0280	EA	1-1/4" x 12" Long, Schedule 40 Black Steel Nipple	43.13	12.74
		For Schedule 80 Nipples, Add	*12.00*	
		For Work In Restricted Working Space, Add	*5.74*	
23 21 13 23-0281	EA	1-1/2" x 12" Long, Schedule 40 Black Steel Nipple	46.42	12.74
		For Schedule 80 Nipples, Add	*13.65*	
		For Work In Restricted Working Space, Add	*5.74*	
23 21 13 23-0282	EA	2" x 12" Long, Schedule 40 Black Steel Nipple	63.65	16.41
		For Schedule 80 Nipples, Add	*19.49*	
		For Work In Restricted Working Space, Add	*7.40*	
23 21 13 23-0283	EA	2-1/2" x 12" Long, Schedule 40 Black Steel Nipple	93.65	20.43
		For Schedule 80 Nipples, Add	*31.52*	
		For Work In Restricted Working Space, Add	*9.18*	
23 21 13 23-0284	EA	3" x 12" Long, Schedule 40 Black Steel Nipple	125.45	24.68
		For Schedule 80 Nipples, Add	*44.22*	
		For Work In Restricted Working Space, Add	*11.11*	
23 21 13 23-0285	EA	4" x 12" Long, Schedule 40 Black Steel Nipple	156.54	29.89
		For Schedule 80 Nipples, Add	*55.87*	
		For Work In Restricted Working Space, Add	*13.44*	

23 21 13 23-0286 Black Malleable Iron Bushing *(23 21 13 23-0014)*

23 21 13 23-0287	EA	1/2" x 3/8", 150 Lb., Black Malleable Iron Bushing	32.72	18.71
		For Work In Restricted Working Space, Add	*8.42*	
23 21 13 23-0288	EA	3/4" x 3/8", 150 Lb., Black Malleable Iron Bushing	36.86	20.09
		For Work In Restricted Working Space, Add	*9.04*	
23 21 13 23-0289	EA	3/4" x 1/2", 150 Lb., Black Malleable Iron Bushing	39.16	21.58
		For Work In Restricted Working Space, Add	*9.73*	
23 21 13 23-0290	EA	1" x 3/8", 150 Lb., Black Malleable Iron Bushing	41.43	21.47
		For Work In Restricted Working Space, Add	*9.64*	
23 21 13 23-0291	EA	1" x 1/2", 150 Lb., Black Malleable Iron Bushing	41.37	22.96
		For Work In Restricted Working Space, Add	*10.33*	
23 21 13 23-0292	EA	1" x 3/4", 150 Lb., Black Malleable Iron Bushing	43.20	24.21
		For Work In Restricted Working Space, Add	*10.88*	
23 21 13 23-0293	EA	1-1/4" x 3/8", 150 Lb., Black Malleable Iron Bushing	45.08	23.07
		For Work In Restricted Working Space, Add	*10.40*	
23 21 13 23-0294	EA	1-1/4" x 1/2", 150 Lb., Black Malleable Iron Bushing	46.91	24.68
		For Work In Restricted Working Space, Add	*11.09*	
23 21 13 23-0295	EA	1-1/4" x 3/4", 150 Lb., Black Malleable Iron Bushing	47.74	25.83
		For Work In Restricted Working Space, Add	*11.63*	
23 21 13 23-0296	EA	1-1/4" x 1", 150 Lb., Black Malleable Iron Bushing	49.74	27.20
		For Work In Restricted Working Space, Add	*12.23*	
23 21 13 23-0297	EA	1-1/2" x 3/8", 150 Lb., Black Malleable Iron Bushing	51.16	25.02
		For Work In Restricted Working Space, Add	*11.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0298	EA	1-1/2" x 1/2", 150 Lb., Black Malleable Iron Bushing	51.05	26.51
		For Work In Restricted Working Space, Add	*11.92*	
23 21 13 23-0299	EA	1-1/2" x 3/4", 150 Lb., Black Malleable Iron Bushing	52.87	27.66
		For Work In Restricted Working Space, Add	*12.46*	
23 21 13 23-0300	EA	1-1/2" x 1", 150 Lb., Black Malleable Iron Bushing	53.50	29.04
		For Work In Restricted Working Space, Add	*13.07*	
23 21 13 23-0301	EA	1-1/2" x 1-1/4", 150 Lb., Black Malleable Iron Bushing	57.43	30.76
		For Work In Restricted Working Space, Add	*13.82*	
23 21 13 23-0302	EA	2" x 3/8", 150 Lb., Black Malleable Iron Bushing	63.43	29.38
		For Work In Restricted Working Space, Add	*13.21*	
23 21 13 23-0303	EA	2" x 1/2", 150 Lb., Black Malleable Iron Bushing	63.43	30.87
		For Work In Restricted Working Space, Add	*13.90*	
23 21 13 23-0304	EA	2" x 3/4", 150 Lb., Black Malleable Iron Bushing	62.62	32.14
		For Work In Restricted Working Space, Add	*14.45*	
23 21 13 23-0305	EA	2" x 1", 150 Lb., Black Malleable Iron Bushing	63.70	33.40
		For Work In Restricted Working Space, Add	*15.04*	
23 21 13 23-0306	EA	2" x 1-1/4", 150 Lb., Black Malleable Iron Bushing	66.23	35.12
		For Work In Restricted Working Space, Add	*15.80*	
23 21 13 23-0307	EA	2" x 1-1/2", 150 Lb., Black Malleable Iron Bushing	70.53	36.96
		For Work In Restricted Working Space, Add	*16.63*	
23 21 13 23-0308	EA	2-1/2" x 3/4", 150 Lb., Black Malleable Iron Bushing	87.68	42.01
		For Work In Restricted Working Space, Add	*18.92*	
23 21 13 23-0309	EA	2-1/2" x 1", 150 Lb., Black Malleable Iron Bushing	89.67	43.39
		For Work In Restricted Working Space, Add	*19.51*	
23 21 13 23-0310	EA	2-1/2" x 1-1/4", 150 Lb., Black Malleable Iron Bushing	92.20	44.99
		For Work In Restricted Working Space, Add	*20.27*	
23 21 13 23-0311	EA	2-1/2" x 1-1/2", 150 Lb., Black Malleable Iron Bushing	93.28	46.94
		For Work In Restricted Working Space, Add	*21.10*	
23 21 13 23-0312	EA	2-1/2" x 2", 150 Lb., Black Malleable Iron Bushing	99.69	51.30
		For Work In Restricted Working Space, Add	*23.08*	
23 21 13 23-0313	EA	3" x 3/4", 150 Lb., Black Malleable Iron Bushing	111.61	51.65
		For Work In Restricted Working Space, Add	*23.26*	
23 21 13 23-0314	EA	3" x 1", 150 Lb., Black Malleable Iron Bushing	113.61	53.02
		For Work In Restricted Working Space, Add	*23.86*	
23 21 13 23-0315	EA	3" x 1-1/4", 150 Lb., Black Malleable Iron Bushing	116.13	54.74
		For Work In Restricted Working Space, Add	*24.62*	
23 21 13 23-0316	EA	3" x 1-1/2", 150 Lb., Black Malleable Iron Bushing	118.24	56.58
		For Work In Restricted Working Space, Add	*25.45*	
23 21 13 23-0317	EA	3" x 2", 150 Lb., Black Malleable Iron Bushing	122.65	60.94
		For Work In Restricted Working Space, Add	*27.43*	
23 21 13 23-0318	EA	3" x 2-1/2", 150 Lb., Black Malleable Iron Bushing	138.00	70.93
		For Work In Restricted Working Space, Add	*31.89*	
23 21 13 23-0319	EA	4" x 3/4", 150 Lb., Black Malleable Iron Bushing	147.38	54.65
		For Work In Restricted Working Space, Add	*24.61*	
23 21 13 23-0320	EA	4" x 1", 150 Lb., Black Malleable Iron Bushing	149.32	55.99
		For Work In Restricted Working Space, Add	*25.19*	
23 21 13 23-0321	EA	4" x 1-1/4", 150 Lb., Black Malleable Iron Bushing	151.79	57.67
		For Work In Restricted Working Space, Add	*25.94*	
23 21 13 23-0322	EA	4" x 1-1/2", 150 Lb., Black Malleable Iron Bushing	154.49	59.47
		For Work In Restricted Working Space, Add	*26.75*	
23 21 13 23-0323	EA	4" x 2", 150 Lb., Black Malleable Iron Bushing	157.42	63.72
		For Work In Restricted Working Space, Add	*28.68*	
23 21 13 23-0324	EA	4" x 2-1/2", 150 Lb., Black Malleable Iron Bushing	171.94	73.46
		For Work In Restricted Working Space, Add	*33.03*	
23 21 13 23-0325	EA	4" x 3", 150 Lb., Black Malleable Iron Bushing	186.09	82.86
		For Work In Restricted Working Space, Add	*37.28*	

23 21 13 23-0326 Black Malleable Iron Square Head Plugs *(23 21 13 23-0014)*

23 21 13 23-0327	EA	3/8", 150 Lb., Black Malleable Iron Square Head Plug	13.77	6.78
		For Work In Restricted Working Space, Add	*3.06*	
23 21 13 23-0328	EA	1/2", 150 Lb., Black Malleable Iron Square Head Plug	16.05	8.15
		For Work In Restricted Working Space, Add	*3.67*	
23 21 13 23-0329	EA	3/4", 150 Lb., Black Malleable Iron Square Head Plug	17.51	9.18
		For Work In Restricted Working Space, Add	*4.11*	
23 21 13 23-0330	EA	1", 150 Lb., Black Malleable Iron Square Head Plug	20.09	10.22
		For Work In Restricted Working Space, Add	*4.59*	
23 21 13 23-0331	EA	1-1/4", 150 Lb., Black Malleable Iron Square Head Plug	23.35	11.59
		For Work In Restricted Working Space, Add	*5.20*	
23 21 13 23-0332	EA	1-1/2", 150 Lb., Black Malleable Iron Square Head Plug	27.94	12.97
		For Work In Restricted Working Space, Add	*5.86*	
23 21 13 23-0333	EA	2", 150 Lb., Black Malleable Iron Square Head Plug	36.76	16.52
		For Work In Restricted Working Space, Add	*7.44*	
23 21 13 23-0334	EA	2-1/2", 150 Lb., Black Malleable Iron Square Head Plug	58.48	24.45
		For Work In Restricted Working Space, Add	*11.02*	
23 21 13 23-0335	EA	3", 150 Lb., Black Malleable Iron Square Head Plug	78.19	32.25
		For Work In Restricted Working Space, Add	*14.50*	
23 21 13 23-0336	EA	4", 150 Lb., Black Malleable Iron Square Head Plug	114.90	34.82
		For Work In Restricted Working Space, Add	*15.68*	
23 21 13 23-0337	EA	5", 150 Lb., Black Malleable Iron Square Head Plug	189.08	36.39
		For Work In Restricted Working Space, Add	*16.36*	
23 21 13 23-0338	EA	6", 150 Lb., Black Malleable Iron Square Head Plug	223.66	37.96
		For Work In Restricted Working Space, Add	*17.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 21 13 23-0339 125 Lb., Black Cast Iron Screwed Flanges *(23 21 13 23-0014)*

Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0619 for Class 150 steel bolt and gasket set.

23 21 13 23-0340	EA	3/4", 125 Lb., Black Cast Iron Flange	137.06	45.91
		For Work In Restricted Working Space, Add	*20.66*	
23 21 13 23-0341	EA	1", 125 Lb., Black Cast Iron Flange	121.19	51.87
		For Work In Restricted Working Space, Add	*23.34*	
23 21 13 23-0342	EA	1-1/4", 125 Lb., Black Cast Iron Flange	132.43	53.72
		For Work In Restricted Working Space, Add	*24.16*	
23 21 13 23-0343	EA	1-1/2", 125 Lb., Black Cast Iron Flange	135.58	58.42
		For Work In Restricted Working Space, Add	*26.29*	
23 21 13 23-0344	EA	2", 125 Lb., Black Cast Iron Flange	139.30	60.94
		For Work In Restricted Working Space, Add	*27.44*	
23 21 13 23-0345	EA	2-1/2", 125 Lb., Black Cast Iron Flange	161.75	70.58
		For Work In Restricted Working Space, Add	*31.73*	
23 21 13 23-0346	EA	3", 125 Lb., Black Cast Iron Flange	206.35	89.52
		For Work In Restricted Working Space, Add	*40.27*	
23 21 13 23-0347	EA	4", 125 Lb., Black Cast Iron Flange	276.36	119.49
		For Work In Restricted Working Space, Add	*53.75*	
23 21 13 23-0348	EA	5", 125 Lb., Black Cast Iron Flange	350.59	142.33
		For Work In Restricted Working Space, Add	*63.99*	
23 21 13 23-0349	EA	6", 125 Lb., Black Cast Iron Flange	400.31	163.38
		For Work In Restricted Working Space, Add	*73.49*	

23 21 13 23-0350 150 Lb., Black Malleable Iron Flanges *(23 21 13 23-0014)*

Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0619 for Class 150 steel bolt and gasket set.

23 21 13 23-0351	EA	1/2", 150 Lb., Black Malleable Iron Flange	77.98	41.89
		For Work In Restricted Working Space, Add	*18.87*	
23 21 13 23-0352	EA	3/4", 150 Lb., Black Malleable Iron Flange	85.12	45.91
		For Work In Restricted Working Space, Add	*20.66*	
23 21 13 23-0353	EA	1", 150 Lb., Black Malleable Iron Flange	98.92	51.87
		For Work In Restricted Working Space, Add	*23.34*	
23 21 13 23-0354	EA	1-1/4", 150 Lb., Black Malleable Iron Flange	103.11	53.72
		For Work In Restricted Working Space, Add	*24.16*	
23 21 13 23-0355	EA	1-1/2", 150 Lb., Black Malleable Iron Flange	112.25	58.42
		For Work In Restricted Working Space, Add	*26.29*	
23 21 13 23-0356	EA	2", 150 Lb., Black Malleable Iron Flange	123.57	60.94
		For Work In Restricted Working Space, Add	*27.43*	
23 21 13 23-0357	EA	2-1/2", 150 Lb., Black Malleable Iron Flange	156.14	70.58
		For Work In Restricted Working Space, Add	*31.73*	
23 21 13 23-0358	EA	3", 150 Lb., Black Malleable Iron Flange	197.88	89.52
		For Work In Restricted Working Space, Add	*40.26*	
23 21 13 23-0359	EA	4", 150 Lb., Black Malleable Iron Flange	287.28	119.49
		For Work In Restricted Working Space, Add	*53.74*	

23 21 13 23-0360 Welded Black Steel Pipe *(23 21 13 23)*

23 21 13 23-0361 Welded Plain End Black Steel Pipe Assemblies *(23 21 13 23-0360)*

Note: ASTM A-53 pipe and A-234 WPB fittings. Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.

23 21 13 23-0362	LF	3/4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	27.55	8.73
		For Work In Restricted Working Space, Add	*6.38*	
23 21 13 23-0363	LF	1" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	30.86	9.31
		For Work In Restricted Working Space, Add	*7.14*	
23 21 13 23-0364	LF	1-1/4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	37.31	9.89
		For Work In Restricted Working Space, Add	*8.20*	
23 21 13 23-0365	LF	1-1/2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	40.21	9.89
		For Work In Restricted Working Space, Add	*8.57*	
23 21 13 23-0366	LF	2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	46.10	9.89
		For Work In Restricted Working Space, Add	*9.92*	
23 21 13 23-0367	LF	2-1/2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	53.35	9.89
		For Work In Restricted Working Space, Add	*11.50*	
23 21 13 23-0368	LF	3" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	62.78	9.66
		For Work In Restricted Working Space, Add	*12.14*	
23 21 13 23-0369	LF	4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	84.85	12.35
		For Work In Restricted Working Space, Add	*15.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0370	LF	6" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	115.05	18.41
		For Work In Restricted Working Space, Add	*17.64*	
23 21 13 23-0371	LF	8" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	173.60	22.86
		For Work In Restricted Working Space, Add	*26.17*	
23 21 13 23-0372	LF	10" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	230.08	28.57
		For Work In Restricted Working Space, Add	*31.21*	
23 21 13 23-0373	LF	12" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	288.54	34.52
		For Work In Restricted Working Space, Add	*36.06*	
23 21 13 23-0374	LF	14" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	310.99	45.03
		For Work In Restricted Working Space, Add	*40.23*	
23 21 13 23-0375	LF	16" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	358.05	57.15
		For Work In Restricted Working Space, Add	*44.96*	
23 21 13 23-0376	LF	18" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	452.57	70.76
		For Work In Restricted Working Space, Add	*49.33*	
23 21 13 23-0377	LF	20" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	565.08	87.44
		For Work In Restricted Working Space, Add	*56.47*	
23 21 13 23-0378	LF	24" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	694.20	99.10
		For Work In Restricted Working Space, Add	*62.08*	

23 21 13 23-0379 Welded Black Steel Pipe And Fittings *(23 21 13 23-0360)*

Note: ASTM A-53 pipe and A-234 WPB fittings. Excludes hangers or fittings.

23 21 13 23-0380 Welded Plain End (A-53) Black Steel Piping *(23 21 13 23-0379)*

23 21 13 23-0381	LF	3/4" Schedule 40, Welded Plain End Black Steel Pipe	12.27	4.65
		For Schedule 80 Pipe, Add	*1.99*	
		For Work In Restricted Working Space, Add	*2.79*	
23 21 13 23-0382	LF	1" Schedule 40, Welded Plain End Black Steel Pipe	15.58	5.82
		For Schedule 80 Pipe, Add	*2.53*	
		For Work In Restricted Working Space, Add	*3.49*	
23 21 13 23-0383	LF	1-1/4" Schedule 40, Welded Plain End Black Steel Pipe	19.74	6.98
		For Schedule 80 Pipe, Add	*3.25*	
		For Work In Restricted Working Space, Add	*4.19*	
23 21 13 23-0384	LF	1-1/2" Schedule 40, Welded Plain End Black Steel Pipe	23.96	8.14
		For Schedule 80 Pipe, Add	*3.98*	
		For Work In Restricted Working Space, Add	*4.89*	
23 21 13 23-0385	LF	2" Schedule 40, Welded Plain End Black Steel Pipe	28.49	9.66
		For Schedule 80 Pipe, Add	*4.73*	
		For Work In Restricted Working Space, Add	*5.79*	
23 21 13 23-0386	LF	2-1/2" Schedule 40, Welded Plain End Black Steel Pipe	32.58	10.94
		For Work In Restricted Working Space, Add	*6.56*	
		For Schedule 80 Pipe, Add	*7.58*	
23 21 13 23-0387	LF	3" Schedule 40, Welded Plain End Black Steel Pipe	40.50	11.75
		For Work In Restricted Working Space, Add	*7.05*	
		For Schedule 80 Pipe, Add	*10.06*	
23 21 13 23-0388	LF	4" Schedule 40, Welded Plain End Black Steel Pipe	56.33	14.54
		For Work In Restricted Working Space, Add	*8.73*	
		For Schedule 80 Pipe, Add	*14.62*	
23 21 13 23-0389	LF	6" Schedule 40, Welded Plain End Black Steel Pipe	81.73	23.56
		For Work In Restricted Working Space, Add	*10.82*	
		For Schedule 80 Pipe, Add	*22.29*	
23 21 13 23-0390	LF	8" Schedule 40, Welded Plain End Black Steel Pipe	118.00	24.58
		For Schedule 30 Pipe, Deduct	*-18.69*	
		For Work In Restricted Working Space, Add	*14.75*	
		For Schedule 80 Pipe, Add	*32.70*	
23 21 13 23-0391	LF	10" Schedule 40, Welded Plain End Black Steel Pipe	156.66	29.60
		For Schedule 30 Pipe, Deduct	*-25.41*	
		For Work In Restricted Working Space, Add	*17.76*	
		For Schedule 80 Pipe, Add	*44.47*	
23 21 13 23-0392	LF	12" Schedule 40, Welded Plain End Black Steel Pipe	200.43	35.77
		For Schedule 30 Pipe, Deduct	*-32.93*	
		For Work In Restricted Working Space, Add	*21.47*	
		For Schedule 80 Pipe, Add	*57.63*	

23 21 13 23-0393 Welded Plain End (A-106) Seamless Carbon Steel Piping *(23 21 13 23-0379)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0394	LF	1/4" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	11.69	3.26
		For Work In Restricted Working Space, Add	*1.95*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*2.89*	
23 21 13 23-0395	LF	1/2" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	11.84	3.60
		For Work In Restricted Working Space, Add	*2.13*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*2.82*	
23 21 13 23-0396	LF	3/4" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	14.98	4.65
		For Work In Restricted Working Space, Add	*2.79*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*3.49*	
23 21 13 23-0397	LF	1" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	18.37	5.82
		For Work In Restricted Working Space, Add	*3.49*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*4.24*	
23 21 13 23-0398	LF	1-1/4" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	23.19	6.98
		For Work In Restricted Working Space, Add	*4.19*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*5.51*	
23 21 13 23-0399	LF	1-1/2" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	27.08	8.14
		For Work In Restricted Working Space, Add	*4.89*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*6.44*	
23 21 13 23-0400	LF	2" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	32.17	9.66
		For Work In Restricted Working Space, Add	*5.79*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*7.65*	
23 21 13 23-0401	LF	2-1/2" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	42.45	10.94
		For Work In Restricted Working Space, Add	*6.56*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*14.81*	
23 21 13 23-0402	LF	3" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	48.69	11.75
		For Work In Restricted Working Space, Add	*7.05*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*17.63*	
23 21 13 23-0403	LF	4" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	60.51	14.54
		For Work In Restricted Working Space, Add	*8.73*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*21.96*	
23 21 13 23-0404	LF	6" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	94.61	23.62
		For Work In Restricted Working Space, Add	*10.82*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*38.19*	
23 21 13 23-0405	LF	8" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	137.25	24.58
		For Work In Restricted Working Space, Add	*14.75*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*56.71*	
23 21 13 23-0406	LF	10" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	184.86	29.60
		For Work In Restricted Working Space, Add	*17.76*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*79.25*	
23 21 13 23-0407	LF	12" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	225.40	35.77
		For Work In Restricted Working Space, Add	*21.47*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*96.88*	
23 21 13 23-0408	LF	14" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	264.63	37.72
		For Work In Restricted Working Space, Add	*22.63*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*117.27*	
23 21 13 23-0409	LF	16" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	305.69	40.57
		For Work In Restricted Working Space, Add	*24.35*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*137.91*	
23 21 13 23-0410	LF	18" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	371.05	43.89
		For Work In Restricted Working Space, Add	*26.33*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*171.80*	
23 21 13 23-0411	LF	20" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	447.17	52.58
		For Work In Restricted Working Space, Add	*31.55*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*207.30*	
23 21 13 23-0412	LF	24" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	564.01	60.47
		For Work In Restricted Working Space, Add	*36.28*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*266.26*	

23 21 13 23-0413 Welded Plain End Black Steel 90 Degree Elbows *(23 21 13 23-0379)*

23 21 13 23-0414	EA	3/4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	126.74	72.47
		For Schedule 80 Or Extra Heavy Fittings, Add	*26.62*	
		For Work In Restricted Working Space, Add	*32.58*	
23 21 13 23-0415	EA	1" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	132.43	76.23
		For Schedule 80 Or Extra Heavy Fittings, Add	*27.73*	
		For Work In Restricted Working Space, Add	*34.28*	
23 21 13 23-0416	EA	1-1/4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	148.44	86.86
		For Schedule 80 Or Extra Heavy Fittings, Add	*30.85*	
		For Work In Restricted Working Space, Add	*39.09*	
23 21 13 23-0417	EA	1-1/2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	158.71	93.72
		For Schedule 80 Or Extra Heavy Fittings, Add	*32.85*	
		For Work In Restricted Working Space, Add	*42.17*	
23 21 13 23-0418	EA	2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	200.99	121.96
		For Schedule 80 Or Extra Heavy Fittings, Add	*41.10*	
		For Work In Restricted Working Space, Add	*54.85*	
23 21 13 23-0419	EA	2-1/2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	252.75	152.47
		For Schedule 80 Or Extra Heavy Fittings, Add	*51.83*	
		For Work In Restricted Working Space, Add	*68.57*	
23 21 13 23-0420	EA	3" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	264.66	157.30
		For Schedule 80 Or Extra Heavy Fittings, Add	*54.65*	
		For Work In Restricted Working Space, Add	*70.72*	
23 21 13 23-0421	EA	4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	455.29	271.77
		For Schedule 80 Or Extra Heavy Fittings, Add	*93.80*	
		For Work In Restricted Working Space, Add	*122.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0422	EA	6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	790.10	448.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*166.42*	
		For Work In Restricted Working Space, Add	*201.75*	
23 21 13 23-0423	EA	8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,146.92	619.39
		For Schedule 80 Or Extra Heavy Fittings, Add	*246.57*	
		For Work In Restricted Working Space, Add	*278.60*	
23 21 13 23-0424	EA	10" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,462.08	707.97
		For Schedule 80 Or Extra Heavy Fittings, Add	*327.18*	
		For Work In Restricted Working Space, Add	*318.41*	
23 21 13 23-0425	EA	12" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,969.74	926.28
		For Schedule 80 Or Extra Heavy Fittings, Add	*445.11*	
		For Work In Restricted Working Space, Add	*416.60*	

23 21 13 23-0426 Welded Plain End Black Steel Reducing 90 Degree Elbows *(23 21 13 23-0379)*

23 21 13 23-0427	EA	4" x 3" 90 Standard Weight, Welded Plain End Black Steel Reducing 90 Degree Elbow	604.97	272.24
		For Schedule 80 Or Extra Heavy Fittings, Add	*138.63*	
		For Work In Restricted Working Space, Add	*122.47*	
23 21 13 23-0428	EA	6" x 4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,049.66	443.38
		For Schedule 80 Or Extra Heavy Fittings, Add	*245.09*	
		For Work In Restricted Working Space, Add	*199.44*	
23 21 13 23-0429	EA	6" x 3" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,115.64	443.38
		For Schedule 80 Or Extra Heavy Fittings, Add	*264.89*	
		For Work In Restricted Working Space, Add	*199.44*	
23 21 13 23-0430	EA	8" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,740.49	619.39
		For Schedule 80 Or Extra Heavy Fittings, Add	*424.64*	
		For Work In Restricted Working Space, Add	*278.60*	
23 21 13 23-0431	EA	8" x 4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,897.82	619.39
		For Schedule 80 Or Extra Heavy Fittings, Add	*471.84*	
		For Work In Restricted Working Space, Add	*278.60*	
23 21 13 23-0432	EA	10" x 8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,358.99	707.97
		For Schedule 80 Or Extra Heavy Fittings, Add	*596.26*	
		For Work In Restricted Working Space, Add	*318.41*	
23 21 13 23-0433	EA	10" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,358.99	707.97
		For Schedule 80 Or Extra Heavy Fittings, Add	*596.26*	
		For Work In Restricted Working Space, Add	*318.41*	
23 21 13 23-0434	EA	12" x 10" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	3,824.37	943.88
		For Schedule 80 Or Extra Heavy Fittings, Add	*998.72*	
		For Work In Restricted Working Space, Add	*424.54*	
23 21 13 23-0435	EA	12" x 8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	3,824.37	943.88
		For Schedule 80 Or Extra Heavy Fittings, Add	*998.72*	
		For Work In Restricted Working Space, Add	*424.54*	
23 21 13 23-0436	EA	12" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	4,252.32	943.88
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,127.11*	
		For Work In Restricted Working Space, Add	*424.54*	

23 21 13 23-0437 Welded Plain End Black Steel 45 Degree Elbows *(23 21 13 23-0379)*

23 21 13 23-0438	EA	3/4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	113.30	65.96
		For Schedule 80 Or Extra Heavy Fittings, Add	*23.61*	
		For Work In Restricted Working Space, Add	*29.67*	
23 21 13 23-0439	EA	1" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	116.79	68.29
		For Schedule 80 Or Extra Heavy Fittings, Add	*24.29*	
		For Work In Restricted Working Space, Add	*30.71*	
23 21 13 23-0440	EA	1-1/4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	131.91	78.41
		For Schedule 80 Or Extra Heavy Fittings, Add	*27.24*	
		For Work In Restricted Working Space, Add	*35.25*	
23 21 13 23-0441	EA	1-1/2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	141.22	84.58
		For Schedule 80 Or Extra Heavy Fittings, Add	*29.05*	
		For Work In Restricted Working Space, Add	*38.04*	
23 21 13 23-0442	EA	2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	178.45	109.36
		For Schedule 80 Or Extra Heavy Fittings, Add	*36.31*	
		For Work In Restricted Working Space, Add	*49.21*	
23 21 13 23-0443	EA	2-1/2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	222.70	137.40
		For Schedule 80 Or Extra Heavy Fittings, Add	*45.19*	
		For Work In Restricted Working Space, Add	*61.78*	
23 21 13 23-0444	EA	3" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	256.82	157.18
		For Schedule 80 Or Extra Heavy Fittings, Add	*52.30*	
		For Work In Restricted Working Space, Add	*70.71*	
23 21 13 23-0445	EA	4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	442.28	271.66
		For Schedule 80 Or Extra Heavy Fittings, Add	*89.91*	
		For Work In Restricted Working Space, Add	*122.21*	
23 21 13 23-0446	EA	6" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	757.58	448.03
		For Schedule 80 Or Extra Heavy Fittings, Add	*156.74*	
		For Work In Restricted Working Space, Add	*201.52*	
23 21 13 23-0447	EA	8" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	1,088.03	619.39
		For Schedule 80 Or Extra Heavy Fittings, Add	*228.90*	
		For Work In Restricted Working Space, Add	*278.60*	
23 21 13 23-0448	EA	10" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	1,353.95	707.97
		For Schedule 80 Or Extra Heavy Fittings, Add	*294.74*	
		For Work In Restricted Working Space, Add	*318.41*	
23 21 13 23-0449	EA	12" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	1,810.36	924.57
		For Schedule 80 Or Extra Heavy Fittings, Add	*397.57*	
		For Work In Restricted Working Space, Add	*415.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 21 13 23-0450 Welded Plain End Black Steel Tee *(23 21 13 23-0379)*

23 21 13 23-0451	EA	3/4" Standard Weight, Welded Plain End Black Steel Tee	229.66	124.14
		For Schedule 80 Or Extra Heavy Fittings, Add	*49.35*	
		For Work In Restricted Working Space, Add	*55.85*	
23 21 13 23-0452	EA	1" Standard Weight, Welded Plain End Black Steel Tee	229.60	124.14
		For Schedule 80 Or Extra Heavy Fittings, Add	*49.34*	
		For Work In Restricted Working Space, Add	*55.83*	
23 21 13 23-0453	EA	1-1/4" Standard Weight, Welded Plain End Black Steel Tee	259.45	138.10
		For Schedule 80 Or Extra Heavy Fittings, Add	*56.10*	
		For Work In Restricted Working Space, Add	*62.10*	
23 21 13 23-0454	EA	1-1/2" Standard Weight, Welded Plain End Black Steel Tee	285.12	155.20
		For Schedule 80 Or Extra Heavy Fittings, Add	*61.10*	
		For Work In Restricted Working Space, Add	*69.80*	
23 21 13 23-0455	EA	2" Standard Weight, Welded Plain End Black Steel Tee	357.04	207.21
		For Schedule 80 Or Extra Heavy Fittings, Add	*74.49*	
		For Work In Restricted Working Space, Add	*93.20*	
23 21 13 23-0456	EA	2-1/2" Standard Weight, Welded Plain End Black Steel Tee	406.66	232.80
		For Schedule 80 Or Extra Heavy Fittings, Add	*85.35*	
		For Work In Restricted Working Space, Add	*104.71*	
23 21 13 23-0457	EA	3" Standard Weight, Welded Plain End Black Steel Tee	487.28	282.71
		For Schedule 80 Or Extra Heavy Fittings, Add	*101.72*	
		For Work In Restricted Working Space, Add	*127.05*	
23 21 13 23-0458	EA	4" Standard Weight, Welded Plain End Black Steel Tee	701.07	408.47
		For Schedule 80 Or Extra Heavy Fittings, Add	*146.03*	
		For Work In Restricted Working Space, Add	*183.70*	
23 21 13 23-0459	EA	6" Standard Weight, Welded Plain End Black Steel Tee	1,173.19	674.78
		For Schedule 80 Or Extra Heavy Fittings, Add	*245.73*	
		For Work In Restricted Working Space, Add	*303.50*	
23 21 13 23-0460	EA	8" Standard Weight, Welded Plain End Black Steel Tee	1,714.19	943.88
		For Schedule 80 Or Extra Heavy Fittings, Add	*365.67*	
		For Work In Restricted Working Space, Add	*424.54*	
23 21 13 23-0461	EA	10" Standard Weight, Welded Plain End Black Steel Tee	2,152.43	1,101.15
		For Schedule 80 Or Extra Heavy Fittings, Add	*472.38*	
		For Work In Restricted Working Space, Add	*495.29*	
23 21 13 23-0462	EA	12" Standard Weight, Welded Plain End Black Steel Tee	2,885.35	1,415.82
		For Schedule 80 Or Extra Heavy Fittings, Add	*642.72*	
		For Work In Restricted Working Space, Add	*636.81*	

23 21 13 23-0463 Welded Plain End Black Steel Reducing Tees *(23 21 13 23-0379)*

23 21 13 23-0464	EA	3/4" Standard Weight, Welded Plain End Black Steel Reducing Tee	223.84	120.30
		For Schedule 80 Or Extra Heavy Fittings, Add	*48.22*	
		For Work In Restricted Working Space, Add	*54.10*	
23 21 13 23-0465	EA	1" Standard Weight, Welded Plain End Black Steel Reducing Tee	229.60	124.14
		For Schedule 80 Or Extra Heavy Fittings, Add	*49.34*	
		For Work In Restricted Working Space, Add	*55.83*	
23 21 13 23-0466	EA	1-1/4" Standard Weight, Welded Plain End Black Steel Reducing Tee	256.67	138.10
		For Schedule 80 Or Extra Heavy Fittings, Add	*55.26*	
		For Work In Restricted Working Space, Add	*62.10*	
23 21 13 23-0467	EA	1-1/2" Standard Weight, Welded Plain End Black Steel Reducing Tee	282.34	155.20
		For Schedule 80 Or Extra Heavy Fittings, Add	*60.27*	
		For Work In Restricted Working Space, Add	*69.80*	
23 21 13 23-0468	EA	2" Standard Weight, Welded Plain End Black Steel Reducing Tee	363.30	207.21
		For Schedule 80 Or Extra Heavy Fittings, Add	*76.36*	
		For Work In Restricted Working Space, Add	*93.22*	
23 21 13 23-0469	EA	2-1/2" Standard Weight, Welded Plain End Black Steel Reducing Tee	406.79	232.92
		For Schedule 80 Or Extra Heavy Fittings, Add	*85.38*	
		For Work In Restricted Working Space, Add	*104.75*	
23 21 13 23-0470	EA	3" Standard Weight, Welded Plain End Black Steel Reducing Tee	487.57	282.71
		For Schedule 80 Or Extra Heavy Fittings, Add	*101.80*	
		For Work In Restricted Working Space, Add	*127.05*	
23 21 13 23-0471	EA	4" Standard Weight, Welded Plain End Black Steel Reducing Tee	701.48	408.47
		For Schedule 80 Or Extra Heavy Fittings, Add	*146.15*	
		For Work In Restricted Working Space, Add	*183.70*	
23 21 13 23-0472	EA	6" Standard Weight, Welded Plain End Black Steel Reducing Tee	1,173.90	674.78
		For Schedule 80 Or Extra Heavy Fittings, Add	*245.94*	
		For Work In Restricted Working Space, Add	*303.50*	
23 21 13 23-0473	EA	8" Standard Weight, Welded Plain End Black Steel Reducing Tee	1,715.54	943.88
		For Schedule 80 Or Extra Heavy Fittings, Add	*366.07*	
		For Work In Restricted Working Space, Add	*424.54*	
23 21 13 23-0474	EA	10" Standard Weight, Welded Plain End Black Steel Reducing Tee	2,154.72	1,101.15
		For Schedule 80 Or Extra Heavy Fittings, Add	*473.06*	
		For Work In Restricted Working Space, Add	*495.29*	
23 21 13 23-0475	EA	12" Standard Weight, Welded Plain End Black Steel Reducing Tee	2,888.81	1,415.82
		For Schedule 80 Or Extra Heavy Fittings, Add	*643.76*	
		For Work In Restricted Working Space, Add	*636.81*	

23 21 13 23-0476 Welded Plain End Black Steel Eccentric Reducers *(23 21 13 23-0379)*

23 21 13 23-0477	EA	1" x 3/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	140.02	75.66
		For Schedule 80 Or Extra Heavy Fittings, Add	*30.10*	
		For Work In Restricted Working Space, Add	*34.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0478	EA	1-/4" x 1" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	151.06	83.02
		For Schedule 80 Or Extra Heavy Fittings, Add	*32.25*	
		For Work In Restricted Working Space, Add	*37.34*	
23 21 13 23-0479	EA	1-/4" x 3/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	148.17	81.09
		For Schedule 80 Or Extra Heavy Fittings, Add	*31.69*	
		For Work In Restricted Working Space, Add	*36.47*	
23 21 13 23-0480	EA	1-/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	164.44	91.95
		For Schedule 80 Or Extra Heavy Fittings, Add	*34.86*	
		For Work In Restricted Working Space, Add	*41.35*	
23 21 13 23-0481	EA	1-/2" x 1" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	156.30	86.51
		For Schedule 80 Or Extra Heavy Fittings, Add	*33.27*	
		For Work In Restricted Working Space, Add	*38.91*	
23 21 13 23-0482	EA	1-/2" x 3/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	153.40	84.58
		For Schedule 80 Or Extra Heavy Fittings, Add	*32.71*	
		For Work In Restricted Working Space, Add	*38.04*	
23 21 13 23-0483	EA	2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	180.72	109.78
		For Schedule 80 Or Extra Heavy Fittings, Add	*36.93*	
		For Work In Restricted Working Space, Add	*49.38*	
23 21 13 23-0484	EA	2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	185.46	106.29
		For Schedule 80 Or Extra Heavy Fittings, Add	*38.90*	
		For Work In Restricted Working Space, Add	*47.81*	
23 21 13 23-0485	EA	2" x 1" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	177.32	100.87
		For Schedule 80 Or Extra Heavy Fittings, Add	*37.32*	
		For Work In Restricted Working Space, Add	*45.37*	
23 21 13 23-0486	EA	2-1/2" x 2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	228.07	139.66
		For Schedule 80 Or Extra Heavy Fittings, Add	*46.44*	
		For Work In Restricted Working Space, Add	*62.81*	
23 21 13 23-0487	EA	2-1/2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	209.77	125.30
		For Schedule 80 Or Extra Heavy Fittings, Add	*43.21*	
		For Work In Restricted Working Space, Add	*56.36*	
23 21 13 23-0488	EA	2-1/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	222.25	121.81
		For Schedule 80 Or Extra Heavy Fittings, Add	*47.50*	
		For Work In Restricted Working Space, Add	*54.79*	
23 21 13 23-0489	EA	3" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	255.50	156.72
		For Schedule 80 Or Extra Heavy Fittings, Add	*51.97*	
		For Work In Restricted Working Space, Add	*70.51*	
23 21 13 23-0490	EA	3" x 2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	256.95	156.72
		For Schedule 80 Or Extra Heavy Fittings, Add	*52.41*	
		For Work In Restricted Working Space, Add	*70.51*	
23 21 13 23-0491	EA	3" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	260.01	156.72
		For Schedule 80 Or Extra Heavy Fittings, Add	*53.32*	
		For Work In Restricted Working Space, Add	*70.51*	
23 21 13 23-0492	EA	4" x 3" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	434.96	272.24
		For Schedule 80 Or Extra Heavy Fittings, Add	*87.62*	
		For Work In Restricted Working Space, Add	*122.47*	
23 21 13 23-0493	EA	4" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	436.41	272.24
		For Schedule 80 Or Extra Heavy Fittings, Add	*88.06*	
		For Work In Restricted Working Space, Add	*122.47*	
23 21 13 23-0494	EA	4" x 2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	440.76	272.24
		For Schedule 80 Or Extra Heavy Fittings, Add	*89.36*	
		For Work In Restricted Working Space, Add	*122.47*	
23 21 13 23-0495	EA	6" x 4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	719.90	443.38
		For Schedule 80 Or Extra Heavy Fittings, Add	*146.16*	
		For Work In Restricted Working Space, Add	*199.44*	
23 21 13 23-0496	EA	6" x 3" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	751.15	443.38
		For Schedule 80 Or Extra Heavy Fittings, Add	*155.54*	
		For Work In Restricted Working Space, Add	*199.44*	
23 21 13 23-0497	EA	8" x 6" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,081.92	674.78
		For Schedule 80 Or Extra Heavy Fittings, Add	*218.35*	
		For Work In Restricted Working Space, Add	*303.50*	
23 21 13 23-0498	EA	8" x 4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,140.07	674.78
		For Schedule 80 Or Extra Heavy Fittings, Add	*235.79*	
		For Work In Restricted Working Space, Add	*303.50*	
23 21 13 23-0499	EA	10" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,255.40	776.00
		For Schedule 80 Or Extra Heavy Fittings, Add	*254.46*	
		For Work In Restricted Working Space, Add	*349.03*	
23 21 13 23-0500	EA	10" x 6" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,325.32	776.00
		For Schedule 80 Or Extra Heavy Fittings, Add	*275.44*	
		For Work In Restricted Working Space, Add	*349.03*	
23 21 13 23-0501	EA	10" x 4" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	1,417.30	776.00
		For Schedule 80 Or Extra Heavy Fittings, Add	*303.03*	
		For Concentric Reducers, Deduct	*-81.24*	
		For Work In Restricted Working Space, Add	*349.03*	
23 21 13 23-0502	EA	12" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,555.96	942.05
		For Schedule 80 Or Extra Heavy Fittings, Add	*318.48*	
		For Work In Restricted Working Space, Add	*423.73*	
23 21 13 23-0503	EA	12" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,637.63	942.05
		For Schedule 80 Or Extra Heavy Fittings, Add	*342.98*	
		For Work In Restricted Working Space, Add	*423.73*	
23 21 13 23-0504	EA	12" x 6" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	1,775.69	942.05
		For Schedule 80 Or Extra Heavy Fittings, Add	*384.40*	
		For Concentric Reducers, Deduct	*-116.24*	
		For Work In Restricted Working Space, Add	*423.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0505	EA	12" x 4" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	1,553.64	942.05
		For Schedule 80 Or Extra Heavy Fittings, Add	*317.79*	
		For Concentric Reducers, Deduct	*-45.19*	
		For Work In Restricted Working Space, Add	*423.73*	

23 21 13 23-0506 Welded Plain End Black Steel Concentric Reducers *(23 21 13 23-0379)*

23 21 13 23-0507	EA	1" x 3/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	133.05	75.66
		For Schedule 80 Or Extra Heavy Fittings, Add	*28.01*	
		For Work In Restricted Working Space, Add	*34.03*	
23 21 13 23-0508	EA	1-/4" x 1" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	144.09	83.02
		For Schedule 80 Or Extra Heavy Fittings, Add	*30.16*	
		For Work In Restricted Working Space, Add	*37.34*	
23 21 13 23-0509	EA	1-/4" x 3/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	141.20	81.09
		For Schedule 80 Or Extra Heavy Fittings, Add	*29.60*	
		For Work In Restricted Working Space, Add	*36.47*	
23 21 13 23-0510	EA	1-/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	157.47	91.95
		For Schedule 80 Or Extra Heavy Fittings, Add	*32.77*	
		For Work In Restricted Working Space, Add	*41.35*	
23 21 13 23-0511	EA	1-/2" x 1" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	149.33	86.51
		For Schedule 80 Or Extra Heavy Fittings, Add	*31.18*	
		For Work In Restricted Working Space, Add	*38.91*	
23 21 13 23-0512	EA	1-/2" x 3/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	146.43	84.58
		For Schedule 80 Or Extra Heavy Fittings, Add	*30.62*	
		For Work In Restricted Working Space, Add	*38.04*	
23 21 13 23-0513	EA	2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	177.17	109.78
		For Schedule 80 Or Extra Heavy Fittings, Add	*35.87*	
		For Work In Restricted Working Space, Add	*49.38*	
23 21 13 23-0514	EA	2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	171.93	106.29
		For Schedule 80 Or Extra Heavy Fittings, Add	*34.85*	
		For Work In Restricted Working Space, Add	*47.81*	
23 21 13 23-0515	EA	2" x 1" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	168.63	100.87
		For Schedule 80 Or Extra Heavy Fittings, Add	*34.71*	
		For Work In Restricted Working Space, Add	*45.37*	
23 21 13 23-0516	EA	2-1/2" x 2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	225.49	139.66
		For Schedule 80 Or Extra Heavy Fittings, Add	*45.66*	
		For Work In Restricted Working Space, Add	*62.81*	
23 21 13 23-0517	EA	2-1/2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	208.32	125.30
		For Schedule 80 Or Extra Heavy Fittings, Add	*42.77*	
		For Work In Restricted Working Space, Add	*56.36*	
23 21 13 23-0518	EA	2-1/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	210.00	121.81
		For Schedule 80 Or Extra Heavy Fittings, Add	*43.82*	
		For Work In Restricted Working Space, Add	*54.79*	
23 21 13 23-0519	EA	3" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	248.09	156.72
		For Schedule 80 Or Extra Heavy Fittings, Add	*49.75*	
		For Work In Restricted Working Space, Add	*70.51*	
23 21 13 23-0520	EA	3" x 2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	249.06	156.72
		For Schedule 80 Or Extra Heavy Fittings, Add	*50.04*	
		For Work In Restricted Working Space, Add	*70.51*	
23 21 13 23-0521	EA	3" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	251.15	156.72
		For Schedule 80 Or Extra Heavy Fittings, Add	*50.67*	
		For Work In Restricted Working Space, Add	*70.51*	
23 21 13 23-0522	EA	4" x 3" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	424.97	272.24
		For Schedule 80 Or Extra Heavy Fittings, Add	*84.63*	
		For Work In Restricted Working Space, Add	*122.47*	
23 21 13 23-0523	EA	4" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	428.68	272.24
		For Schedule 80 Or Extra Heavy Fittings, Add	*85.74*	
		For Work In Restricted Working Space, Add	*122.47*	
23 21 13 23-0524	EA	4" x 2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	428.68	272.24
		For Schedule 80 Or Extra Heavy Fittings, Add	*85.74*	
		For Work In Restricted Working Space, Add	*122.47*	
23 21 13 23-0525	EA	6" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	699.93	443.38
		For Schedule 80 Or Extra Heavy Fittings, Add	*140.17*	
		For Work In Restricted Working Space, Add	*199.44*	
23 21 13 23-0526	EA	6" x 3" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	707.34	443.38
		For Schedule 80 Or Extra Heavy Fittings, Add	*142.40*	
		For Work In Restricted Working Space, Add	*199.44*	
23 21 13 23-0527	EA	8" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,057.75	674.78
		For Schedule 80 Or Extra Heavy Fittings, Add	*211.10*	
		For Work In Restricted Working Space, Add	*303.50*	
23 21 13 23-0528	EA	8" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,070.96	674.78
		For Schedule 80 Or Extra Heavy Fittings, Add	*215.06*	
		For Work In Restricted Working Space, Add	*303.50*	
23 21 13 23-0529	EA	10" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,252.83	776.00
		For Schedule 80 Or Extra Heavy Fittings, Add	*253.69*	
		For Work In Restricted Working Space, Add	*349.03*	
23 21 13 23-0530	EA	10" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,247.35	776.00
		For Schedule 80 Or Extra Heavy Fittings, Add	*252.05*	
		For Work In Restricted Working Space, Add	*349.03*	
23 21 13 23-0531	EA	10" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,316.30	776.00
		For Schedule 80 Or Extra Heavy Fittings, Add	*272.73*	
		For Work In Restricted Working Space, Add	*349.03*	
23 21 13 23-0532	EA	12" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,522.94	942.05
		For Schedule 80 Or Extra Heavy Fittings, Add	*308.58*	
		For Work In Restricted Working Space, Add	*423.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0533	EA	12" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,539.49	942.05
		For Schedule 80 Or Extra Heavy Fittings, Add	*313.54*	
		For Work In Restricted Working Space, Add	*423.73*	
23 21 13 23-0534	EA	12" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,545.49	942.05
		For Schedule 80 Or Extra Heavy Fittings, Add	*315.34*	
		For Work In Restricted Working Space, Add	*423.73*	
23 21 13 23-0535	EA	12" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,721.24	942.05
		For Schedule 80 Or Extra Heavy Fittings, Add	*368.07*	
		For Work In Restricted Working Space, Add	*423.73*	
23 21 13 23-0536		**Welded Plain End Black Steel Caps** *(23 21 13 23-0379)*		
23 21 13 23-0537	EA	1" Standard Weight, Welded Plain End Black Steel Cap	67.40	38.86
		For Schedule 80 Fittings, Add	*12.95*	
		For Work In Restricted Working Space, Add	*17.45*	
23 21 13 23-0538	EA	1-1/4" Standard Weight, Welded Plain End Black Steel Cap	73.78	42.69
		For Schedule 80 Fittings, Add	*14.14*	
		For Work In Restricted Working Space, Add	*19.19*	
23 21 13 23-0539	EA	1-1/2" Standard Weight, Welded Plain End Black Steel Cap	76.68	44.21
		For Schedule 80 Fittings, Add	*14.72*	
		For Work In Restricted Working Space, Add	*19.89*	
23 21 13 23-0540	EA	2" Standard Weight, Welded Plain End Black Steel Cap	95.84	56.65
		For Schedule 80 Fittings, Add	*18.13*	
		For Work In Restricted Working Space, Add	*25.49*	
23 21 13 23-0541	EA	2-1/2" Standard Weight, Welded Plain End Black Steel Cap	113.80	68.29
		For Schedule 80 Fittings, Add	*21.34*	
		For Work In Restricted Working Space, Add	*30.72*	
23 21 13 23-0542	EA	3" Standard Weight, Welded Plain End Black Steel Cap	133.10	78.76
		For Schedule 80 Fittings, Add	*25.17*	
		For Work In Restricted Working Space, Add	*35.44*	
23 21 13 23-0543	EA	4" Standard Weight, Welded Plain End Black Steel Cap	224.05	136.12
		For Schedule 80 Fittings, Add	*41.70*	
		For Work In Restricted Working Space, Add	*61.23*	
23 21 13 23-0544	EA	6" Standard Weight, Welded Plain End Black Steel Cap	375.08	224.89
		For Schedule 80 Fittings, Add	*70.37*	
		For Work In Restricted Working Space, Add	*101.17*	
23 21 13 23-0545	EA	8" Standard Weight, Welded Plain End Black Steel Cap	529.46	315.29
		For Schedule 80 Fittings, Add	*99.76*	
		For Work In Restricted Working Space, Add	*141.79*	
23 21 13 23-0546	EA	10" Standard Weight, Welded Plain End Black Steel Cap	696.32	398.00
		For Schedule 80 Fittings, Add	*134.32*	
		For Work In Restricted Working Space, Add	*178.99*	
23 21 13 23-0547	EA	12" Standard Weight, Welded Plain End Black Steel Cap	815.76	460.97
		For Schedule 80 Fittings, Add	*158.34*	
		For Work In Restricted Working Space, Add	*207.33*	
23 21 13 23-0548		**150 Lb., Welded Plain End Black Steel Neck Flanges** *(23 21 13 23-0379)*		
		Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0619 for Class 150 steel bolt and gasket set.		
23 21 13 23-0549	EA	2", 150 Lb., Welded Plain End Black Steel Neck Flange	170.33	87.72
		For 300 Lb. Rating, Add	*40.98*	
		For Work In Restricted Working Space, Add	*39.46*	
23 21 13 23-0550	EA	2-1/2", 150 Lb., Welded Plain End Black Steel Neck Flange	202.93	109.48
		For 300 Lb. Rating, Add	*44.40*	
		For Work In Restricted Working Space, Add	*49.24*	
23 21 13 23-0551	EA	3", 150 Lb., Welded Plain End Black Steel Neck Flange	226.50	125.18
		For 300 Lb. Rating, Add	*46.90*	
		For Work In Restricted Working Space, Add	*56.30*	
23 21 13 23-0552	EA	4", 150 Lb., Welded Plain End Black Steel Neck Flange	297.04	165.09
		For 300 Lb. Rating, Add	*60.64*	
		For Work In Restricted Working Space, Add	*74.26*	
23 21 13 23-0553	EA	6", 150 Lb., Welded Plain End Black Steel Neck Flange	451.45	250.37
		For 300 Lb. Rating, Add	*92.72*	
		For Work In Restricted Working Space, Add	*112.59*	
23 21 13 23-0554	EA	8", 150 Lb., Welded Plain End Black Steel Neck Flange	520.86	267.92
		For 300 Lb. Rating, Add	*125.66*	
		For Work In Restricted Working Space, Add	*120.48*	
23 21 13 23-0555	EA	10" , 150 Lb., Welded Plain End Black Steel Neck Flange	677.96	335.92
		For 300 Lb. Rating, Add	*174.88*	
		For Work In Restricted Working Space, Add	*151.11*	
23 21 13 23-0556	EA	12" , 150 Lb., Welded Plain End Black Steel Neck Flange	825.61	381.18
		For 300 Lb. Rating, Add	*237.88*	
		For Work In Restricted Working Space, Add	*171.45*	
23 21 13 23-0557		**150 Lb., Welded Black Steel Slip-On Flanges** *(23 21 13 23-0379)*		
		Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0619 for Class 150 steel bolt and gasket set.		
23 21 13 23-0558	EA	2", 150 Lb., Welded Black Steel Slip-On Flanges	122.05	87.72
		For Work In Restricted Working Space, Add	*31.41*	
		For 300 Lb. Rating, Add	*26.60*	
23 21 13 23-0559	EA	2-1/2", 150 Lb., Welded Black Steel Slip-On Flange	150.24	109.48
		For Work In Restricted Working Space, Add	*38.39*	
		For 300 Lb. Rating, Add	*33.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0560	EA	3", 150 Lb., Welded Black Steel Slip-On Flange	177.45	125.18
		For Work In Restricted Working Space, Add	*45.38*	
		For 300 Lb. Rating, Add	*39.46*	
23 21 13 23-0561	EA	4", 150 Lb., Welded Black Steel Slip-On Flange	233.54	165.09
		For Work In Restricted Working Space, Add	*59.34*	
		For 300 Lb. Rating, Add	*52.94*	
23 21 13 23-0562	EA	6", 150 Lb., Welded Black Steel Slip-On Flange	345.88	250.37
		For Work In Restricted Working Space, Add	*87.26*	
		For 300 Lb. Rating, Add	*80.06*	
23 21 13 23-0563	EA	8", 150 Lb., Welded Black Steel Slip-On Flange	449.46	267.92
		For Work In Restricted Working Space, Add	*109.73*	
		For 300 Lb. Rating, Add	*113.73*	
23 21 13 23-0564	EA	10", 150 Lb., Welded Black Steel Slip-On Flange	601.70	335.92
		For Work In Restricted Working Space, Add	*137.16*	
		For 300 Lb. Rating, Add	*178.06*	
23 21 13 23-0565	EA	12", 150 Lb., Welded Black Steel Slip-On Flange	776.61	381.18
		For Work In Restricted Working Space, Add	*164.59*	
		For 300 Lb. Rating, Add	*262.79*	
23 21 13 23-0566	EA	14", 150 Lb., Welded Black Steel Slip-On Flange	973.16	460.97
		For Work In Restricted Working Space, Add	*192.02*	
		For 300 Lb. Rating, Add	*366.99*	
23 21 13 23-0567	EA	16", 150 Lb., Welded Black Steel Slip-On Flange	1,157.13	535.71
		For Work In Restricted Working Space, Add	*212.60*	
		For 300 Lb. Rating, Add	*478.04*	
23 21 13 23-0568	EA	18", 150 Lb., Welded Black Steel Slip-On Flange	1,280.08	600.64
		For Work In Restricted Working Space, Add	*233.17*	
		For 300 Lb. Rating, Add	*534.17*	
23 21 13 23-0569	EA	20", 150 Lb., Welded Black Steel Slip-On Flange	1,417.38	762.37
		For Work In Restricted Working Space, Add	*253.74*	
		For 300 Lb. Rating, Add	*603.22*	
23 21 13 23-0570	EA	24", 150 Lb., Welded Black Steel Slip-On Flange	1,625.17	825.93
		For Work In Restricted Working Space, Add	*294.89*	
		For 300 Lb. Rating, Add	*681.20*	

23 21 13 23-0571 150 Lb., Forged Steel Blind Flanges *(23 21 13 23-0379)*

23 21 13 23-0572	EA	2", 150 Lb., Forged Steel Blind Flange	84.25	31.17
		For 300 Lb. Rating, Add	*24.07*	
		For 600 Lb. Rating, Add	*61.91*	
		For Work In Restricted Working Space, Add	*18.71*	
23 21 13 23-0573	EA	2-1/2", 150 Lb., Forged Steel Blind Flange	110.32	37.41
		For 300 Lb. Rating, Add	*36.26*	
		For 600 Lb. Rating, Add	*96.45*	
		For Work In Restricted Working Space, Add	*22.44*	
23 21 13 23-0574	EA	3", 150 Lb., Forged Steel Blind Flange	136.49	49.88
		For 300 Lb. Rating, Add	*39.87*	
		For 600 Lb. Rating, Add	*103.14*	
		For Work In Restricted Working Space, Add	*29.93*	
23 21 13 23-0575	EA	4", 150 Lb., Forged Steel Blind Flange	175.32	62.35
		For 300 Lb. Rating, Add	*53.60*	
		For 600 Lb. Rating, Add	*140.22*	
		For Work In Restricted Working Space, Add	*37.41*	
23 21 13 23-0576	EA	6", 150 Lb., Forged Steel Blind Flange	238.83	81.05
		For 300 Lb. Rating, Add	*78.40*	
		For 600 Lb. Rating, Add	*208.47*	
		For Work In Restricted Working Space, Add	*48.63*	
23 21 13 23-0577	EA	8", 150 Lb., Forged Steel Blind Flange	308.75	93.52
		For 300 Lb. Rating, Add	*117.01*	
		For 600 Lb. Rating, Add	*320.16*	
		For Work In Restricted Working Space, Add	*56.11*	
23 21 13 23-0578	EA	10", 150 Lb., Forged Steel Blind Flange	462.11	112.22
		For 300 Lb. Rating, Add	*213.70*	
		For 600 Lb. Rating, Add	*604.07*	
		For Work In Restricted Working Space, Add	*67.33*	
23 21 13 23-0579	EA	12", 150 Lb., Forged Steel Blind Flange	598.24	130.92
		For 300 Lb. Rating, Add	*296.61*	
		For 600 Lb. Rating, Add	*846.61*	
		For Work In Restricted Working Space, Add	*78.56*	
23 21 13 23-0580	EA	14", 150 Lb., Forged Steel Blind Flange	991.86	149.63
		For 300 Lb. Rating, Add	*585.51*	
		For Work In Restricted Working Space, Add	*89.78*	
23 21 13 23-0581	EA	16", 150 Lb., Forged Steel Blind Flange	1,066.71	168.33
		For 300 Lb. Rating, Add	*619.39*	
		For Work In Restricted Working Space, Add	*101.00*	
23 21 13 23-0582	EA	18", 150 Lb., Forged Steel Blind Flange	1,204.41	205.74
		For 300 Lb. Rating, Add	*677.55*	
		For Work In Restricted Working Space, Add	*123.44*	
23 21 13 23-0583	EA	20", 150 Lb., Forged Steel Blind Flange	1,534.55	224.44
		For 300 Lb. Rating, Add	*915.66*	
		For Work In Restricted Working Space, Add	*134.67*	
23 21 13 23-0584	EA	24", 150 Lb., Forged Steel Blind Flange	2,078.00	261.85
		For 300 Lb. Rating, Add	*1,298.43*	
		For Work In Restricted Working Space, Add	*157.11*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 21 13 23-0585 3,000 Lb., Forge Steel Thread-O-Lets *(23 21 13 23-0379)*

23 21 13 23-0586	EA	1/2", 3,000 Lb., Forge Steel Thread-O-Let	80.20	
		For Work In Restricted Working Space, Add	*21.99*	
23 21 13 23-0587	EA	3/4", 3,000 Lb., Forge Steel Thread-O-Let	84.89	
		For Work In Restricted Working Space, Add	*23.03*	
23 21 13 23-0588	EA	1", 3,000 Lb., Forge Steel Thread-O-Let	90.54	
		For Work In Restricted Working Space, Add	*24.43*	
23 21 13 23-0589	EA	1-1/4", 3,000 Lb., Forge Steel Thread-O-Let	100.15	
		For Work In Restricted Working Space, Add	*26.18*	
23 21 13 23-0590	EA	1-1/2", 3,000 Lb., Forge Steel Thread-O-Let	112.44	
		For Work In Restricted Working Space, Add	*29.67*	
23 21 13 23-0591	EA	2", 3,000 Lb., Forge Steel Thread-O-Let	145.40	
		For Work In Restricted Working Space, Add	*38.78*	
23 21 13 23-0592	EA	2-1/2", 3,000 Lb., Forge Steel Thread-O-Let	224.75	
		For Work In Restricted Working Space, Add	*49.86*	
23 21 13 23-0593	EA	3", 3,000 Lb., Forge Steel Thread-O-Let	310.13	
		For Work In Restricted Working Space, Add	*69.80*	
23 21 13 23-0594	EA	4", 3,000 Lb., Forge Steel Thread-O-Let	411.90	
		For Work In Restricted Working Space, Add	*87.26*	

23 21 13 23-0595 3,000 Lb., Forge Steel Weld-O-Lets *(23 21 13 23-0379)*

23 21 13 23-0596	EA	1/2", 3,000 Lb., Forge Steel Weld-O-Let	91.59	
		For Work In Restricted Working Space, Add	*25.37*	
23 21 13 23-0597	EA	3/4", 3,000 Lb., Forge Steel Weld-O-Let	96.88	
		For Work In Restricted Working Space, Add	*26.60*	
23 21 13 23-0598	EA	1", 3,000 Lb., Forge Steel Weld-O-Let	102.29	
		For Work In Restricted Working Space, Add	*27.92*	
23 21 13 23-0599	EA	1-1/4", 3,000 Lb., Forge Steel Weld-O-Let	116.51	
		For Work In Restricted Working Space, Add	*31.03*	
23 21 13 23-0600	EA	1-1/2", 3,000 Lb., Forge Steel Weld-O-Let	130.07	
		For Work In Restricted Working Space, Add	*34.90*	
23 21 13 23-0601	EA	2", 3,000 Lb., Forge Steel Weld-O-Let	173.61	
		For Work In Restricted Working Space, Add	*46.52*	
23 21 13 23-0602	EA	2-1/2", 3,000 Lb., Forge Steel Weld-O-Let	245.51	
		For Work In Restricted Working Space, Add	*55.85*	
23 21 13 23-0603	EA	3", 3,000 Lb., Forge Steel Weld-O-Let	322.85	
		For Work In Restricted Working Space, Add	*73.30*	
23 21 13 23-0604	EA	4", 3,000 Lb., Forge Steel Weld-O-Let	433.02	
		For Work In Restricted Working Space, Add	*93.09*	
23 21 13 23-0605	EA	6", 3,000 Lb., Forge Steel Weld-O-Let	628.16	
		For Work In Restricted Working Space, Add	*139.61*	
23 21 13 23-0606	EA	8", 3,000 Lb., Forge Steel Weld-O-Let	928.48	
		For Work In Restricted Working Space, Add	*186.14*	
23 21 13 23-0607	EA	10", 3,000 Lb., Forge Steel Weld-O-Let	1,153.91	
		For Work In Restricted Working Space, Add	*214.79*	
23 21 13 23-0608	EA	12", 3,000 Lb., Forge Steel Weld-O-Let	1,677.98	
		For Work In Restricted Working Space, Add	*253.85*	

23 21 13 23-0609 3,000 Lb., Forge Steel Sock-O-Lets *(23 21 13 23-0379)*

23 21 13 23-0610	EA	1/2", 3,000 Lb., Forge Steel Sock-O-Let	108.43	
		For Work In Restricted Working Space, Add	*30.33*	
23 21 13 23-0611	EA	3/4", 3,000 Lb., Forge Steel Sock-O-Let	114.60	
		For Work In Restricted Working Space, Add	*31.80*	
23 21 13 23-0612	EA	1", 3,000 Lb., Forge Steel Sock-O-Let	122.04	
		For Work In Restricted Working Space, Add	*33.72*	
23 21 13 23-0613	EA	1-1/4", 3,000 Lb., Forge Steel Sock-O-Let	134.09	
		For Work In Restricted Working Space, Add	*36.12*	
23 21 13 23-0614	EA	1-1/2", 3,000 Lb., Forge Steel Sock-O-Let	150.84	
		For Work In Restricted Working Space, Add	*40.94*	
23 21 13 23-0615	EA	2", 3,000 Lb., Forge Steel Sock-O-Let	196.29	
		For Work In Restricted Working Space, Add	*53.51*	
23 21 13 23-0616	EA	2-1/2", 3,000 Lb., Forge Steel Sock-O-Let	291.40	
		For Work In Restricted Working Space, Add	*68.79*	
23 21 13 23-0617	EA	3", 3,000 Lb., Forge Steel Sock-O-Let	403.26	
		For Work In Restricted Working Space, Add	*96.33*	
23 21 13 23-0618	EA	4", 3,000 Lb., Forge Steel Sock-O-Let	529.76	
		For Work In Restricted Working Space, Add	*120.41*	

23 21 13 23-0619 Class 150 Flange, Steel Bolt And Gasket Sets *(23 21 13 23-0379)*

Note: Used between weld neck or slip-on flanges and valves, or equipment with bolt connections, or between two bolted valves. Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets.

23 21 13 23-0620	EA	3/4" To 1-1/2" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and four (4) 1/2" diameter bolts with washers and nut.	16.53	
		For Zinc Plated, Add	*4.63*	
		For Advanced Fluoropolymer (Blue Coating), Add	*11.57*	
		For Hot Dip Galvanized, Add	*6.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0621	EA	2" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.	20.97	
		For Zinc Plated, Add	*5.87*	
		For Advanced Fluoropolymer (Blue Coating), Add	*14.68*	
		For Hot Dip Galvanized, Add	*8.39*	
23 21 13 23-0622	EA	2-1/2" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.	21.20	
		For Zinc Plated, Add	*5.94*	
		For Advanced Fluoropolymer (Blue Coating), Add	*14.84*	
		For Hot Dip Galvanized, Add	*8.48*	
23 21 13 23-0623	EA	3" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.	21.31	
		For Zinc Plated, Add	*5.97*	
		For Advanced Fluoropolymer (Blue Coating), Add	*14.92*	
		For Hot Dip Galvanized, Add	*8.52*	
23 21 13 23-0624	EA	4" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 5/8" diameter bolts with washers and nut.	50.27	
		For Zinc Plated, Add	*14.08*	
		For Advanced Fluoropolymer (Blue Coating), Add	*35.19*	
		For Hot Dip Galvanized, Add	*20.11*	
23 21 13 23-0625	EA	5" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	67.91	
		For Zinc Plated, Add	*19.01*	
		For Advanced Fluoropolymer (Blue Coating), Add	*47.54*	
		For Hot Dip Galvanized, Add	*27.16*	
23 21 13 23-0626	EA	6" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	77.69	
		For Zinc Plated, Add	*21.75*	
		For Advanced Fluoropolymer (Blue Coating), Add	*54.38*	
		For Hot Dip Galvanized, Add	*31.08*	
23 21 13 23-0627	EA	8" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	86.21	
		For Zinc Plated, Add	*24.14*	
		For Advanced Fluoropolymer (Blue Coating), Add	*60.35*	
		For Hot Dip Galvanized, Add	*34.48*	
23 21 13 23-0628	EA	10" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.	186.69	
		For Zinc Plated, Add	*52.27*	
		For Advanced Fluoropolymer (Blue Coating), Add	*130.68*	
		For Hot Dip Galvanized, Add	*74.68*	
23 21 13 23-0629	EA	12" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.	192.87	
		For Zinc Plated, Add	*54.00*	
		For Advanced Fluoropolymer (Blue Coating), Add	*135.01*	
		For Hot Dip Galvanized, Add	*77.15*	

23 21 13 23-0630 Class 300 Flange, Steel Bolt And Gasket Sets *(23 21 13 23-0379)*

Note: Used between weld neck or slip-on flanges and valves, or equipment with bolt connections, or between two bolted valves. Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets.

23 21 13 23-0631	EA	3/4" To 1-1/2" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.	26.60	
		For Zinc Plated, Add	*7.45*	
		For Advanced Fluoropolymer (Blue Coating), Add	*18.62*	
		For Hot Dip Galvanized, Add	*10.64*	
23 21 13 23-0632	EA	2" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 5/8" diameter bolts with washers and nut.	48.65	
		For Zinc Plated, Add	*13.62*	
		For Advanced Fluoropolymer (Blue Coating), Add	*34.06*	
		For Hot Dip Galvanized, Add	*19.46*	
23 21 13 23-0633	EA	2-1/2" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	75.61	
		For Zinc Plated, Add	*21.17*	
		For Advanced Fluoropolymer (Blue Coating), Add	*52.93*	
		For Hot Dip Galvanized, Add	*30.24*	
23 21 13 23-0634	EA	3" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	82.15	
		For Zinc Plated, Add	*23.00*	
		For Advanced Fluoropolymer (Blue Coating), Add	*57.51*	
		For Hot Dip Galvanized, Add	*32.86*	
23 21 13 23-0635	EA	4" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	92.17	
		For Zinc Plated, Add	*25.81*	
		For Advanced Fluoropolymer (Blue Coating), Add	*64.52*	
		For Hot Dip Galvanized, Add	*36.87*	
23 21 13 23-0636	EA	5" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	106.00	
		For Zinc Plated, Add	*29.68*	
		For Advanced Fluoropolymer (Blue Coating), Add	*74.20*	
		For Hot Dip Galvanized, Add	*42.40*	
23 21 13 23-0637	EA	6" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twelve (12) 3/4" diameter bolts with washers and nut.	145.48	
		For Zinc Plated, Add	*40.73*	
		For Advanced Fluoropolymer (Blue Coating), Add	*101.84*	
		For Hot Dip Galvanized, Add	*58.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0638	EA	8" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.	223.52	
		For Zinc Plated, Add	*62.59*	
		For Advanced Fluoropolymer (Blue Coating), Add	*156.46*	
		For Hot Dip Galvanized, Add	*89.41*	
23 21 13 23-0639	EA	10" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and sixteen (16) 1" diameter bolts with washers and nut.	396.10	
		For Zinc Plated, Add	*110.91*	
		For Advanced Fluoropolymer (Blue Coating), Add	*277.27*	
		For Hot Dip Galvanized, Add	*158.44*	
23 21 13 23-0640	EA	12" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and sixteen (16) 1-1/8" diameter bolts with washers and nut.	564.62	
		For Zinc Plated, Add	*158.09*	
		For Advanced Fluoropolymer (Blue Coating), Add	*395.23*	
		For Hot Dip Galvanized, Add	*225.85*	

23 21 13 23-0641 150 Lb., Rubber Flange Gasket Replacement *(23 21 13 23-0379)*

Note: Includes unbolting, removal of old gaskets, new 150 Lb. rubber gasket and rebolting.

23 21 13 23-0642	EA	1/2", 150 Lb., Rubber Flange Gasket Replacement	34.99	
		For 300 Lb. Rating Gasket Set, Add	*0.19*	
		For 150 Lb. Rating Teflon Gasket Set, Add	*4.17*	
		For Work In Restricted Working Space, Add	*10.34*	
		For 300 Lb. Rating Teflon Gasket Set, Add	*4.81*	
23 21 13 23-0643	EA	3/4", 150 Lb., Rubber Flange Gasket Replacement	37.48	
		For 300 Lb. Rating Gasket Set, Add	*0.26*	
		For 150 Lb. Rating Teflon Gasket Set, Add	*5.64*	
		For Work In Restricted Working Space, Add	*11.03*	
		For 300 Lb. Rating Teflon Gasket Set, Add	*6.50*	
23 21 13 23-0644	EA	1", 150 Lb., Rubber Flange Gasket Replacement	41.46	
		For 300 Lb. Rating Gasket Set, Add	*0.44*	
		For 150 Lb. Rating Teflon Gasket Set, Add	*9.82*	
		For Work In Restricted Working Space, Add	*12.06*	
		For 300 Lb. Rating Teflon Gasket Set, Add	*11.30*	
23 21 13 23-0645	EA	1-1/4", 150 Lb., Rubber Flange Gasket Replacement	45.09	
		For 300 Lb. Rating Gasket Set, Add	*0.51*	
		For 150 Lb. Rating Teflon Gasket Set, Add	*11.21*	
		For Work In Restricted Working Space, Add	*13.09*	
		For 300 Lb. Rating Teflon Gasket Set, Add	*12.91*	
23 21 13 23-0646	EA	1-1/2", 150 Lb., Rubber Flange Gasket Replacement	50.05	
		For 300 Lb. Rating Gasket Set, Add	*0.64*	
		For 150 Lb. Rating Teflon Gasket Set, Add	*14.07*	
		For Work In Restricted Working Space, Add	*14.47*	
		For 300 Lb. Rating Teflon Gasket Set, Add	*16.20*	
23 21 13 23-0647	EA	2", 150 Lb., Rubber Flange Gasket Replacement	55.37	
		For 300 Lb. Rating Gasket Set, Add	*0.89*	
		For 150 Lb. Rating Teflon Gasket Set, Add	*19.63*	
		For Work In Restricted Working Space, Add	*15.85*	
		For 300 Lb. Rating Teflon Gasket Set, Add	*22.61*	
23 21 13 23-0648	EA	2-1/2", 150 Lb., Rubber Flange Gasket Replacement	65.46	
		For 300 Lb. Rating Gasket Set, Add	*1.21*	
		For 150 Lb. Rating Teflon Gasket Set, Add	*26.67*	
		For Work In Restricted Working Space, Add	*18.60*	
		For 300 Lb. Rating Teflon Gasket Set, Add	*30.71*	
23 21 13 23-0649	EA	3", 150 Lb., Rubber Flange Gasket Replacement	69.46	
		For 300 Lb. Rating Gasket Set, Add	*1.40*	
		For 150 Lb. Rating Teflon Gasket Set, Add	*30.92*	
		For Work In Restricted Working Space, Add	*19.64*	
		For 300 Lb. Rating Teflon Gasket Set, Add	*35.60*	
23 21 13 23-0650	EA	4", 150 Lb., Rubber Flange Gasket Replacement	92.66	
		For 300 Lb. Rating Gasket Set, Add	*2.29*	
		For 150 Lb. Rating Teflon Gasket Set, Add	*50.55*	
		For Work In Restricted Working Space, Add	*25.84*	
		For 300 Lb. Rating Teflon Gasket Set, Add	*58.21*	
23 21 13 23-0651	EA	5", 150 Lb., Rubber Flange Gasket Replacement	107.17	
		For 300 Lb. Rating Gasket Set, Add	*2.54*	
		For 150 Lb. Rating Teflon Gasket Set, Add	*56.20*	
		For Work In Restricted Working Space, Add	*29.97*	
		For 300 Lb. Rating Teflon Gasket Set, Add	*64.70*	
23 21 13 23-0652	EA	6", 150 Lb., Rubber Flange Gasket Replacement	123.13	
		For 300 Lb. Rating Gasket Set, Add	*3.31*	
		For 150 Lb. Rating Teflon Gasket Set, Add	*73.05*	
		For Work In Restricted Working Space, Add	*34.10*	
		For 300 Lb. Rating Teflon Gasket Set, Add	*84.11*	
23 21 13 23-0653	EA	8", 150 Lb., Rubber Flange Gasket Replacement	151.62	
		For 300 Lb. Rating Gasket Set, Add	*4.84*	
		For 150 Lb. Rating Teflon Gasket Set, Add	*106.83*	
		For Work In Restricted Working Space, Add	*41.34*	
		For 300 Lb. Rating Teflon Gasket Set, Add	*123.00*	
23 21 13 23-0654	EA	10", 150 Lb., Rubber Flange Gasket Replacement	166.61	
		For 300 Lb. Rating Gasket Set, Add	*6.87*	
		For 150 Lb. Rating Teflon Gasket Set, Add	*151.74*	
		For Work In Restricted Working Space, Add	*44.09*	
		For 300 Lb. Rating Teflon Gasket Set, Add	*174.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0655	EA	12", 150 Lb., Rubber Flange Gasket Replacement	191.60	
		For 300 Lb. Rating Gasket Set, Add	*8.78*	
		For 150 Lb. Rating Teflon Gasket Set, Add	*193.95*	
		For Work In Restricted Working Space, Add	*49.95*	
		For 300 Lb. Rating Teflon Gasket Set, Add	*223.30*	

23 21 13 23-0656 Cut And Prepare For Welding Existing In-Place Black Steel Pipe *(23 21 13 23-0379)*

Note: For use when connecting pipe to an existing in-place system.

23 21 13 23-0657	EA	1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	24.93	
		For Work In Restricted Working Space, Add	*7.48*	
23 21 13 23-0658	EA	3/4", Cut And Prepare For Welding Existing In Place Black Steel Pipe	26.92	
		For Work In Restricted Working Space, Add	*8.08*	
23 21 13 23-0659	EA	1", Cut And Prepare For Welding Existing In Place Black Steel Pipe	30.29	
		For Work In Restricted Working Space, Add	*9.09*	
23 21 13 23-0660	EA	1-1/4", Cut And Prepare For Welding Existing In Place Black Steel Pipe	31.78	
		For Work In Restricted Working Space, Add	*9.53*	
23 21 13 23-0661	EA	1-1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	33.65	
		For Work In Restricted Working Space, Add	*10.10*	
23 21 13 23-0662	EA	2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	36.14	
		For Work In Restricted Working Space, Add	*10.84*	
23 21 13 23-0663	EA	2-1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	38.65	
		For Work In Restricted Working Space, Add	*11.60*	
23 21 13 23-0664	EA	3", Cut And Prepare For Welding Existing In Place Black Steel Pipe	42.38	
		For Work In Restricted Working Space, Add	*12.71*	
23 21 13 23-0665	EA	4", Cut And Prepare For Welding Existing In Place Black Steel Pipe	46.11	
		For Work In Restricted Working Space, Add	*13.83*	
23 21 13 23-0666	EA	6", Cut And Prepare For Welding Existing In Place Black Steel Pipe	49.86	
		For Work In Restricted Working Space, Add	*14.96*	
23 21 13 23-0667	EA	8", Cut And Prepare For Welding Existing In Place Black Steel Pipe	53.60	
		For Work In Restricted Working Space, Add	*16.08*	
23 21 13 23-0668	EA	10", Cut And Prepare For Welding Existing In Place Black Steel Pipe	58.58	
		For Work In Restricted Working Space, Add	*17.57*	
23 21 13 23-0669	EA	12", Cut And Prepare For Welding Existing In Place Black Steel Pipe	63.57	
		For Work In Restricted Working Space, Add	*19.07*	

23 21 13 23-0670 Welded Plain End Electric Resistance Black Steel Pipe *(23 21 13 23-0379)*

Note: ASTM A-135.

23 21 13 23-0671	LF	2" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	27.18	12.80
		For Work In Restricted Working Space, Add	*6.28*	
23 21 13 23-0672	LF	2-1/2" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	30.52	13.96
		For Work In Restricted Working Space, Add	*6.28*	
23 21 13 23-0673	LF	3" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	32.34	13.73
		For Work In Restricted Working Space, Add	*6.16*	
23 21 13 23-0674	LF	4" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	40.42	17.45
		For Work In Restricted Working Space, Add	*7.85*	
23 21 13 23-0675	LF	6" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	66.33	25.83
		For Work In Restricted Working Space, Add	*11.61*	
23 21 13 23-0676	LF	8.322" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	85.85	31.20
		For Work In Restricted Working Space, Add	*14.06*	
23 21 13 23-0677	LF	10.365" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	116.22	38.86
		For Work In Restricted Working Space, Add	*17.49*	
23 21 13 23-0678	LF	12.375" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	141.10	46.86
		For Work In Restricted Working Space, Add	*21.08*	

23 21 13 23-0679 Welded Plain End Black Steel Half Coupling *(23 21 13 23-0379)*

Note: Threaded Female x Butt Weld Straight Adapter

23 21 13 23-0680	EA	1/2", Schedule 40, Black Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	63.86	41.65
		For Schedule 80 Fittings, Add	*11.35*	
		For Work In Restricted Working Space, Add	*18.74*	
23 21 13 23-0681	EA	3/4", Schedule 40, Black Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	74.49	48.40
		For Schedule 80 Fittings, Add	*13.27*	
		For Work In Restricted Working Space, Add	*21.78*	
23 21 13 23-0682	EA	1", Schedule 40, Black Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	80.48	51.78
		For Schedule 80 Fittings, Add	*14.44*	
		For Work In Restricted Working Space, Add	*23.28*	
23 21 13 23-0683	EA	1-1/4", Schedule 40, Black Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	91.80	58.87
		For Schedule 80 Fittings, Add	*16.50*	
		For Work In Restricted Working Space, Add	*26.49*	
23 21 13 23-0684	EA	1-1/2", Schedule 40, Black Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	100.83	64.22
		For Schedule 80 Fittings, Add	*18.21*	
		For Work In Restricted Working Space, Add	*28.90*	
23 21 13 23-0685	EA	2", Schedule 40, Black Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	130.58	83.07
		For Schedule 80 Fittings, Add	*23.61*	
		For Work In Restricted Working Space, Add	*37.35*	
23 21 13 23-0686	EA	2-1/2", Schedule 40, Black Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	179.20	108.67
		For Schedule 80 Fittings, Add	*33.40*	
		For Work In Restricted Working Space, Add	*48.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0687	EA	3", Schedule 40, Black Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	204.51	119.48
		For Schedule 80 Fittings, Add	*38.97*	
		For Work In Restricted Working Space, Add	*53.72*	
23 21 13 23-0688	EA	4", Schedule 40, Black Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	306.24	181.14
		For Schedule 80 Fittings, Add	*57.91*	
		For Work In Restricted Working Space, Add	*81.50*	
23 21 13 23-0689	EA	6", Schedule 40, Black Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	502.77	273.64
		For Schedule 80 Fittings, Add	*99.54*	
		For Work In Restricted Working Space, Add	*123.10*	
23 21 13 23-0690	EA	8", Schedule 40, Black Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	699.95	384.63
		For Schedule 80 Fittings, Add	*137.90*	
		For Work In Restricted Working Space, Add	*173.01*	

23 21 13 23-0691 Flanged Steel Fittings *(23 21 13 23)*

See CSI section 23 21 13 23-0380 for steel pipe, 23 21 13 23-0548 for welded neck flange ends.

23 21 13 23-0692 Flanged Steel Fittings, Standard Weight *(23 21 13 23-0691)*

Note: Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets. See CSI section 23 21 13 23-0619 for Class 150 steel bolt and gasket set.

23 21 13 23-0693 Flanged Steel, 90 Degree Elbows *(23 21 13 23-0692)*

23 21 13 23-0694	EA	2" Standard Weight, Flanged Steel, 90 Degree Elbow	324.57	53.59
		For Galvanized Fittings, Add	*195.38*	
		For Extra Heavy Weight Fittings, Add	*293.08*	
23 21 13 23-0695	EA	2-1/2" Standard Weight, Flanged Steel, 90 Degree Elbow	361.98	59.69
		For Galvanized Fittings, Add	*217.97*	
		For Extra Heavy Weight Fittings, Add	*326.95*	
23 21 13 23-0696	EA	3" Standard Weight, Flanged Steel, 90 Degree Elbow	363.80	65.88
		For Galvanized Fittings, Add	*212.08*	
		For Extra Heavy Weight Fittings, Add	*318.12*	
23 21 13 23-0697	EA	4" Standard Weight, Flanged Steel, 90 Degree Elbow	457.19	76.55
		For Galvanized Fittings, Add	*273.94*	
		For Extra Heavy Weight Fittings, Add	*410.90*	
23 21 13 23-0698	EA	5" Standard Weight, Flanged Steel, 90 Degree Elbow	625.60	85.73
		For Galvanized Fittings, Add	*397.65*	
		For Extra Heavy Weight Fittings, Add	*596.47*	
23 21 13 23-0699	EA	6" Standard Weight, Flanged Steel, 90 Degree Elbow	667.12	99.51
		For Galvanized Fittings, Add	*414.34*	
		For Extra Heavy Weight Fittings, Add	*621.50*	
23 21 13 23-0700	EA	8" Standard Weight, Flanged Steel, 90 Degree Elbow	836.23	110.18
		For Galvanized Fittings, Add	*536.77*	
		For Extra Heavy Weight Fittings, Add	*805.15*	

23 21 13 23-0701 Flanged Steel, Reducing 90 Degree Elbows *(23 21 13 23-0692)*

23 21 13 23-0702	EA	2-1/2" x 2" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	578.31	56.70
		For Galvanized Fittings, Add	*394.70*	
		For Extra Heavy Weight Fittings, Add	*592.06*	
23 21 13 23-0703	EA	3" x 2-1/2" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	604.67	62.78
		For Galvanized Fittings, Add	*408.45*	
		For Extra Heavy Weight Fittings, Add	*612.67*	
23 21 13 23-0704	EA	4" x 3" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	748.62	71.15
		For Galvanized Fittings, Add	*513.50*	
		For Extra Heavy Weight Fittings, Add	*770.26*	
23 21 13 23-0705	EA	5" x 3" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	918.73	75.75
		For Galvanized Fittings, Add	*644.09*	
		For Extra Heavy Weight Fittings, Add	*966.13*	
23 21 13 23-0706	EA	6" x 4" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	1,047.56	88.03
		For Galvanized Fittings, Add	*732.46*	
		For Extra Heavy Weight Fittings, Add	*1,098.68*	
23 21 13 23-0707	EA	8" x 6" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	1,449.59	104.90
		For Galvanized Fittings, Add	*1,033.88*	
		For Extra Heavy Weight Fittings, Add	*1,550.82*	

23 21 13 23-0708 Flanged Steel, 45 Degree Elbows *(23 21 13 23-0692)*

23 21 13 23-0709	EA	2" Standard Weight, Flanged Steel, 45 Degree Elbow	412.94	53.59
		For Galvanized Fittings, Add	*266.08*	
		For Extra Heavy Weight Fittings, Add	*399.12*	
23 21 13 23-0710	EA	2-1/2" Standard Weight, Flanged Steel, 45 Degree Elbow	433.17	59.69
		For Galvanized Fittings, Add	*274.92*	
		For Extra Heavy Weight Fittings, Add	*412.38*	
23 21 13 23-0711	EA	3" Standard Weight, Flanged Steel, 45 Degree Elbow	452.16	65.88
		For Galvanized Fittings, Add	*282.77*	
		For Extra Heavy Weight Fittings, Add	*424.15*	
23 21 13 23-0712	EA	4" Standard Weight, Flanged Steel, 45 Degree Elbow	560.28	76.55
		For Galvanized Fittings, Add	*356.41*	
		For Extra Heavy Weight Fittings, Add	*534.61*	
23 21 13 23-0713	EA	5" Standard Weight, Flanged Steel, 45 Degree Elbow	792.51	85.73
		For Galvanized Fittings, Add	*531.18*	
		For Extra Heavy Weight Fittings, Add	*796.76*	
23 21 13 23-0714	EA	6" Standard Weight, Flanged Steel, 45 Degree Elbow	782.49	99.51
		For Galvanized Fittings, Add	*506.63*	
		For Extra Heavy Weight Fittings, Add	*759.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0715	EA	8" Standard Weight, Flanged Steel, 45 Degree Elbow	918.39	110.18
		For Galvanized Fittings, Add	*602.50*	
		For Extra Heavy Weight Fittings, Add	*903.74*	

23 21 13 23-0716 Flanged Steel, Tees *(23 21 13 23-0692)*

23 21 13 23-0717	EA	2" Standard Weight, Flanged Steel, Tee	423.65	80.34
		For Galvanized Fittings, Add	*242.51*	
		For Extra Heavy Weight Fittings, Add	*363.77*	
23 21 13 23-0718	EA	2-1/2" Standard Weight, Flanged Steel, Tee	538.06	89.52
		For Galvanized Fittings, Add	*323.02*	
		For Extra Heavy Weight Fittings, Add	*484.54*	
23 21 13 23-0719	EA	3" Standard Weight, Flanged Steel, Tee	501.53	98.70
		For Galvanized Fittings, Add	*282.78*	
		For Extra Heavy Weight Fittings, Add	*424.16*	
23 21 13 23-0720	EA	4" Standard Weight, Flanged Steel, Tee	699.88	114.89
		For Galvanized Fittings, Add	*422.18*	
		For Extra Heavy Weight Fittings, Add	*633.28*	
23 21 13 23-0721	EA	5" Standard Weight, Flanged Steel, Tee	1,013.12	128.65
		For Galvanized Fittings, Add	*656.24*	
		For Extra Heavy Weight Fittings, Add	*984.36*	
23 21 13 23-0722	EA	6" Standard Weight, Flanged Steel, Tee	1,231.57	149.32
		For Galvanized Fittings, Add	*806.22*	
		For Extra Heavy Weight Fittings, Add	*1,209.34*	
23 21 13 23-0723	EA	8" Standard Weight, Flanged Steel, Tee	1,368.52	172.97
		For Galvanized Fittings, Add	*887.31*	
		For Extra Heavy Weight Fittings, Add	*1,330.97*	

23 21 13 23-0724 Flanged Steel, Reducing Tees *(23 21 13 23-0692)*

23 21 13 23-0725	EA	2-1/2" Standard Weight, Flanged Steel, Reducing Tee	643.93	86.54
		For Galvanized Fittings, Add	*411.39*	
		For Extra Heavy Weight Fittings, Add	*617.09*	
23 21 13 23-0726	EA	3" Standard Weight, Flanged Steel, Reducing Tee	741.17	95.72
		For Galvanized Fittings, Add	*478.16*	
		For Extra Heavy Weight Fittings, Add	*717.24*	
23 21 13 23-0727	EA	4" Standard Weight, Flanged Steel, Reducing Tee	1,240.39	109.49
		For Galvanized Fittings, Add	*861.02*	
		For Extra Heavy Weight Fittings, Add	*1,291.52*	
23 21 13 23-0728	EA	5" Standard Weight, Flanged Steel, Reducing Tee	1,344.36	124.06
		For Galvanized Fittings, Add	*926.74*	
		For Extra Heavy Weight Fittings, Add	*1,390.12*	
23 21 13 23-0729	EA	6" Standard Weight, Flanged Steel, Reducing Tee	1,681.36	142.43
		For Galvanized Fittings, Add	*1,174.31*	
		For Extra Heavy Weight Fittings, Add	*1,761.47*	
23 21 13 23-0730	EA	8" Standard Weight, Flanged Steel, Reducing Tee	2,088.19	159.99
		For Galvanized Fittings, Add	*1,478.66*	
		For Extra Heavy Weight Fittings, Add	*2,217.98*	

23 21 13 23-0731 Flanged Steel, Concentric Reducers *(23 21 13 23-0692)*

23 21 13 23-0732	EA	3" x 2-1/2" Standard Weight, Flanged Steel, Concentric Reducer	597.31	62.78
		For Galvanized Fittings, Add	*402.56*	
		For Extra Heavy Weight Fittings, Add	*603.84*	
23 21 13 23-0733	EA	4" x 3" Standard Weight, Flanged Steel, Concentric Reducer	678.66	71.15
		For Galvanized Fittings, Add	*457.54*	
		For Extra Heavy Weight Fittings, Add	*686.30*	
23 21 13 23-0734	EA	5" x 4" Standard Weight, Flanged Steel, Concentric Reducer	991.82	81.14
		For Galvanized Fittings, Add	*696.13*	
		For Extra Heavy Weight Fittings, Add	*1,044.19*	
23 21 13 23-0735	EA	6" x 4" Standard Weight, Flanged Steel, Concentric Reducer	1,092.97	88.03
		For Galvanized Fittings, Add	*768.78*	
		For Extra Heavy Weight Fittings, Add	*1,153.18*	
23 21 13 23-0736	EA	8" x 6" Standard Weight, Flanged Steel, Concentric Reducer	1,281.45	104.90
		For Galvanized Fittings, Add	*899.37*	
		For Extra Heavy Weight Fittings, Add	*1,349.05*	

23 21 13 23-0737 Flanged Steel, Eccentric Reducers *(23 21 13 23-0692)*

23 21 13 23-0738	EA	4" x 3" Standard Weight, Flanged Steel, Eccentric Reducer	647.74	71.15
		For Galvanized Fittings, Add	*432.80*	
		For Extra Heavy Weight Fittings, Add	*649.20*	
23 21 13 23-0739	EA	5" x 4" Standard Weight, Flanged Steel, Eccentric Reducer	870.81	81.14
		For Galvanized Fittings, Add	*599.32*	
		For Extra Heavy Weight Fittings, Add	*898.98*	

23 21 13 23-0740 Plain End Couplings And Fittings *(23 21 13 23)*

Note: For use on standard weight steel pipe (Schedule 40), but may be used on lightwall steel or other metallic pipe such as aluminum or stainless steel.

23 21 13 23-0741 Plain End Piping System Couplings *(23 21 13 23-0740)*

23 21 13 23-0742 Plainlock Plain End Piping System Couplings *(23 21 13 23-0741)*

Note: Ductile iron body with gasket, bolts and nuts.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0743	EA	1" Plainlock Plain End Piping System Coupling	151.35	6.89
		For Galvanized Fittings, Add	*28.20*	
23 21 13 23-0744	EA	1-1/2" Plainlock Plain End Piping System Coupling	155.36	9.52
		For Galvanized Fittings, Add	*28.20*	
23 21 13 23-0745	EA	2" Plainlock Plain End Piping System Coupling	160.01	12.63
		For Galvanized Fittings, Add	*28.20*	
23 21 13 23-0746	EA	2-1/2" Plainlock Plain End Piping System Coupling	163.98	15.26
		For Galvanized Fittings, Add	*28.20*	
23 21 13 23-0747	EA	3" Plainlock Plain End Piping System Coupling	193.97	18.36
		For Galvanized Fittings, Add	*33.29*	
23 21 13 23-0748	EA	4" Plainlock Plain End Piping System Coupling	267.31	24.45
		For Galvanized Fittings, Add	*46.12*	
23 21 13 23-0749	EA	6" Plainlock Plain End Piping System Coupling	449.04	39.83
		For Galvanized Fittings, Add	*77.87*	

23 21 13 23-0750 Roust-A-Bout Plain End Piping System Couplings *(23 21 13 23-0741)*

Note: Ductile iron body with gasket, bolts and nuts.

23 21 13 23-0751	EA	1-1/2" Roust-A-Bout Plain End Piping System Coupling	182.75	9.52
		For Galvanized Fittings, Add	*42.10*	
23 21 13 23-0752	EA	2" Roust-A-Bout Plain End Piping System Coupling	187.40	12.63
		For Galvanized Fittings, Add	*42.10*	
23 21 13 23-0753	EA	2-1/2" Roust-A-Bout Plain End Piping System Coupling	191.38	15.37
		For Galvanized Fittings, Add	*42.10*	
23 21 13 23-0754	EA	3" Roust-A-Bout Plain End Piping System Coupling	276.98	18.36
		For Galvanized Fittings, Add	*62.36*	
23 21 13 23-0755	EA	3-1/2" Roust-A-Bout Plain End Piping System Coupling	320.86	21.47
		For Galvanized Fittings, Add	*72.17*	
23 21 13 23-0756	EA	4" Roust-A-Bout Plain End Piping System Coupling	325.40	24.45
		For Galvanized Fittings, Add	*72.17*	
23 21 13 23-0757	EA	5" Roust-A-Bout Plain End Piping System Coupling	458.37	30.65
		For Galvanized Fittings, Add	*103.11*	
23 21 13 23-0758	EA	6" Roust-A-Bout Plain End Piping System Coupling	563.42	39.83
		For Galvanized Fittings, Add	*125.93*	
23 21 13 23-0759	EA	8" Roust-A-Bout Plain End Piping System Coupling	964.41	47.51
		For Galvanized Fittings, Add	*223.30*	
23 21 13 23-0760	EA	10" Roust-A-Bout Plain End Piping System Coupling	1,246.41	56.24
		For Galvanized Fittings, Add	*290.51*	
23 21 13 23-0761	EA	12" Roust-A-Bout Plain End Piping System Coupling	1,557.97	66.57
		For Galvanized Fittings, Add	*364.53*	
23 21 13 23-0762	EA	14" Roust-A-Bout Plain End Piping System Coupling	2,180.88	73.57
		For Galvanized Fittings, Add	*517.63*	
23 21 13 23-0763	EA	16" Roust-A-Bout Plain End Piping System Coupling	2,960.16	83.21
		For Galvanized Fittings, Add	*708.85*	

23 21 13 23-0764 Plain End Piping System Fittings *(23 21 13 23-0740)*

Note: Cast ductile iron bodies.

23 21 13 23-0765 Plain End Piping System, 90 Degree Elbows *(23 21 13 23-0764)*

23 21 13 23-0766	EA	1" Plain End Piping System, 90 Degree Elbow	151.88	12.52
		For Galvanized Fittings, Add	*26.62*	
23 21 13 23-0767	EA	1-1/2" Plain End Piping System, 90 Degree Elbow	161.53	18.94
		For Galvanized Fittings, Add	*26.62*	
23 21 13 23-0768	EA	2" Plain End Piping System, 90 Degree Elbow	170.63	25.02
		For Galvanized Fittings, Add	*26.62*	
23 21 13 23-0769	EA	2-1/2" Plain End Piping System, 90 Degree Elbow	178.81	30.53
		For Galvanized Fittings, Add	*26.62*	
23 21 13 23-0770	EA	3" Plain End Piping System, 90 Degree Elbow	215.29	36.96
		For Galvanized Fittings, Add	*31.98*	
23 21 13 23-0771	EA	4" Plain End Piping System, 90 Degree Elbow	306.18	48.66
		For Galvanized Fittings, Add	*46.63*	
23 21 13 23-0772	EA	5" Plain End Piping System, 90 Degree Elbow	898.47	60.94
		For Galvanized Fittings, Add	*161.42*	
23 21 13 23-0773	EA	6" Plain End Piping System, 90 Degree Elbow	761.32	79.76
		For Galvanized Fittings, Add	*128.35*	
23 21 13 23-0774	EA	8" Plain End Piping System, 90 Degree Elbow	1,497.52	94.68
		For Galvanized Fittings, Add	*271.09*	
23 21 13 23-0775	EA	10" Plain End Piping System, 90 Degree Elbow	1,869.48	110.64
		For Galvanized Fittings, Add	*340.72*	
23 21 13 23-0776	EA	12" Plain End Piping System, 90 Degree Elbow	2,368.35	132.90
		For Galvanized Fittings, Add	*433.82*	

23 21 13 23-0777 Plain End Piping System, 45 Degree Elbows *(23 21 13 23-0764)*

23 21 13 23-0778	EA	1" Plain End Piping System, 45 Degree Elbow	151.88	12.52
		For Galvanized Fittings, Add	*26.62*	
23 21 13 23-0779	EA	1-1/2" Plain End Piping System, 45 Degree Elbow	161.53	18.94
		For Galvanized Fittings, Add	*26.62*	
23 21 13 23-0780	EA	2" Plain End Piping System, 45 Degree Elbow	170.63	25.02
		For Galvanized Fittings, Add	*26.62*	
23 21 13 23-0781	EA	2-1/2" Plain End Piping System, 45 Degree Elbow	178.81	30.53
		For Galvanized Fittings, Add	*26.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0782	EA	3" Plain End Piping System, 45 Degree Elbow	215.29	36.96
		For Galvanized Fittings, Add	*31.98*	
23 21 13 23-0783	EA	4" Plain End Piping System, 45 Degree Elbow	306.18	48.66
		For Galvanized Fittings, Add	*46.63*	
23 21 13 23-0784	EA	5" Plain End Piping System, 45 Degree Elbow	898.47	60.94
		For Galvanized Fittings, Add	*161.42*	
23 21 13 23-0785	EA	6" Plain End Piping System, 45 Degree Elbow	763.79	79.76
		For Galvanized Fittings, Add	*128.85*	
23 21 13 23-0786	EA	8" Plain End Piping System, 45 Degree Elbow	886.83	94.68
		For Galvanized Fittings, Add	*148.96*	
23 21 13 23-0787	EA	10" Plain End Piping System, 45 Degree Elbow	1,205.25	110.64
		For Galvanized Fittings, Add	*207.88*	
23 21 13 23-0788	EA	12" Plain End Piping System, 45 Degree Elbow	1,542.02	132.90
		For Galvanized Fittings, Add	*268.55*	

23 21 13 23-0789 Plain End Piping System, Tees *(23 21 13 23-0764)*

23 21 13 23-0790	EA	1" Plain End Piping System, Tee	207.67	18.94
		For Galvanized Fittings, Add	*35.85*	
23 21 13 23-0791	EA	1-1/2" Plain End Piping System, Tee	221.89	28.46
		For Galvanized Fittings, Add	*35.85*	
23 21 13 23-0792	EA	2" Plain End Piping System, Tee	234.44	36.84
		For Galvanized Fittings, Add	*35.85*	
23 21 13 23-0793	EA	2-1/2" Plain End Piping System, Tee	246.93	45.11
		For Galvanized Fittings, Add	*35.85*	
23 21 13 23-0794	EA	3" Plain End Piping System, Tee	341.14	55.44
		For Galvanized Fittings, Add	*51.59*	
23 21 13 23-0795	EA	4" Plain End Piping System, Tee	466.22	71.73
		For Galvanized Fittings, Add	*71.75*	
23 21 13 23-0796	EA	5" Plain End Piping System, Tee	928.75	93.77
		For Galvanized Fittings, Add	*157.62*	
23 21 13 23-0797	EA	6" Plain End Piping System, Tee	1,148.68	117.41
		For Galvanized Fittings, Add	*194.53*	
23 21 13 23-0798	EA	8" Plain End Piping System, Tee	1,561.82	142.78
		For Galvanized Fittings, Add	*269.54*	
23 21 13 23-0799	EA	10" Plain End Piping System, Tee	2,307.57	166.42
		For Galvanized Fittings, Add	*411.61*	
23 21 13 23-0800	EA	12" Plain End Piping System, Tee	3,082.97	199.36
		For Galvanized Fittings, Add	*556.82*	

23 21 13 23-0801 Plain End Piping System, Reducing Tees *(23 21 13 23-0764)*

23 21 13 23-0802	EA	1-1/2" Plain End Piping System, Reducing Tee	400.06	30.53
		For Galvanized Fittings, Add	*70.86*	
23 21 13 23-0803	EA	2" Plain End Piping System, Reducing Tee	409.50	36.84
		For Galvanized Fittings, Add	*70.86*	
23 21 13 23-0804	EA	2-1/2" Plain End Piping System, Reducing Tee	421.99	45.11
		For Galvanized Fittings, Add	*70.86*	
23 21 13 23-0805	EA	3" Plain End Piping System, Reducing Tee	437.49	55.44
		For Galvanized Fittings, Add	*70.86*	
23 21 13 23-0806	EA	4" Plain End Piping System, Reducing Tee	630.55	71.73
		For Galvanized Fittings, Add	*104.62*	
23 21 13 23-0807	EA	6" Plain End Piping System, Reducing Tee	1,064.29	117.41
		For Galvanized Fittings, Add	*177.65*	
23 21 13 23-0808	EA	8" Plain End Piping System, Reducing Tee	1,383.92	142.78
		For Galvanized Fittings, Add	*233.96*	
23 21 13 23-0809	EA	10" Plain End Piping System, Reducing Tee	2,052.93	166.42
		For Galvanized Fittings, Add	*360.68*	
23 21 13 23-0810	EA	12" Plain End Piping System, Reducing Tee	3,010.11	199.36
		For Galvanized Fittings, Add	*542.25*	

23 21 13 23-0811 Plain End Piping System, Wyes *(23 21 13 23-0764)*

23 21 13 23-0812	EA	2" Plain End Piping System, Wye	580.24	36.84
		For Galvanized Fittings, Add	*105.01*	
23 21 13 23-0813	EA	2-1/2" Plain End Piping System, Wye	592.73	45.11
		For Galvanized Fittings, Add	*105.01*	
23 21 13 23-0814	EA	3" Plain End Piping System, Wye	673.37	55.44
		For Galvanized Fittings, Add	*118.04*	
23 21 13 23-0815	EA	4" Plain End Piping System, Wye	983.51	71.73
		For Galvanized Fittings, Add	*175.21*	
23 21 13 23-0816	EA	5" Plain End Piping System, Wye	1,206.70	93.77
		For Galvanized Fittings, Add	*213.21*	
23 21 13 23-0817	EA	6" Plain End Piping System, Wye	1,644.01	117.41
		For Galvanized Fittings, Add	*293.60*	
23 21 13 23-0818	EA	8" Plain End Piping System, Wye	2,115.26	142.78
		For Galvanized Fittings, Add	*380.23*	
23 21 13 23-0819	EA	10" Plain End Piping System, Wye	3,052.97	166.42
		For Galvanized Fittings, Add	*560.69*	
23 21 13 23-0820	EA	12" Plain End Piping System, Wye	4,620.65	199.36
		For Galvanized Fittings, Add	*864.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 21 13 23-0821 Plain End Piping System, Laterals *(23 21 13 23-0764)*

23 21 13 23-0822	EA	2" Plain End Piping System, Lateral	617.38	36.84
		For Galvanized Fittings, Add	*112.44*	
23 21 13 23-0823	EA	2-1/2" Plain End Piping System, Lateral	629.87	45.11
		For Galvanized Fittings, Add	*112.44*	
23 21 13 23-0824	EA	3" Plain End Piping System, Lateral	710.26	55.44
		For Galvanized Fittings, Add	*125.42*	
23 21 13 23-0825	EA	4" Plain End Piping System, Lateral	1,053.95	71.73
		For Galvanized Fittings, Add	*189.30*	
23 21 13 23-0826	EA	5" Plain End Piping System, Lateral	1,374.48	93.77
		For Galvanized Fittings, Add	*246.76*	
23 21 13 23-0827	EA	6" Plain End Piping System, Lateral	1,751.96	117.41
		For Galvanized Fittings, Add	*315.19*	
23 21 13 23-0828	EA	8" Plain End Piping System, Lateral	2,511.77	142.78
		For Galvanized Fittings, Add	*459.53*	
23 21 13 23-0829	EA	10" Plain End Piping System, Lateral	3,492.91	166.42
		For Galvanized Fittings, Add	*648.68*	
23 21 13 23-0830	EA	12" Plain End Piping System, Lateral	4,686.04	199.36
		For Galvanized Fittings, Add	*877.43*	

23 21 13 23-0831 Plain End Piping System, Crosses *(23 21 13 23-0764)*

23 21 13 23-0832	EA	2" Plain End Piping System, Cross	693.12	55.21
		For Galvanized Fittings, Add	*76.30*	
23 21 13 23-0833	EA	2-1/2" Plain End Piping System, Cross	711.82	67.60
		For Galvanized Fittings, Add	*76.30*	
23 21 13 23-0834	EA	3" Plain End Piping System, Cross	832.77	83.21
		For Galvanized Fittings, Add	*88.50*	
23 21 13 23-0835	EA	4" Plain End Piping System, Cross	1,133.85	107.54
		For Galvanized Fittings, Add	*121.58*	
23 21 13 23-0836	EA	5" Plain End Piping System, Cross	1,592.47	140.71
		For Galvanized Fittings, Add	*172.69*	
23 21 13 23-0837	EA	6" Plain End Piping System, Cross	2,087.39	175.60
		For Galvanized Fittings, Add	*228.02*	
23 21 13 23-0838	EA	8" Plain End Piping System, Cross	2,659.02	212.68
		For Galvanized Fittings, Add	*292.53*	
23 21 13 23-0839	EA	10" Plain End Piping System, Cross	3,787.14	248.60
		For Galvanized Fittings, Add	*426.81*	
23 21 13 23-0840	EA	12" Plain End Piping System, Cross	5,371.78	299.09
		For Galvanized Fittings, Add	*615.43*	

23 21 13 23-0841 Plain End Piping System, Adapter Nipples *(23 21 13 23-0764)*

Note: Plain to threaded, plain to beveled or plain to grooved.

23 21 13 23-0842	EA	1" Plain End Piping System, Adapter Nipple	42.68	6.89
		For Galvanized Fittings, Add	*8.09*	
23 21 13 23-0843	EA	1-1/2" Plain End Piping System, Adapter Nipple	47.59	9.52
		For Galvanized Fittings, Add	*8.31*	
23 21 13 23-0844	EA	2" Plain End Piping System, Adapter Nipple	52.12	12.63
		For Galvanized Fittings, Add	*8.31*	
23 21 13 23-0845	EA	2-1/2" Plain End Piping System, Adapter Nipple	61.91	15.26
		For Galvanized Fittings, Add	*9.74*	
23 21 13 23-0846	EA	3" Plain End Piping System, Adapter Nipple	75.67	18.36
		For Galvanized Fittings, Add	*12.03*	
23 21 13 23-0847	EA	4" Plain End Piping System, Adapter Nipple	117.21	24.45
		For Galvanized Fittings, Add	*20.12*	
23 21 13 23-0848	EA	6" Plain End Piping System, Adapter Nipple	263.54	30.65
		For Galvanized Fittings, Add	*54.41*	

23 21 13 23-0849 Plain End Piping System, Reducing (Swaged) Nipples *(23 21 13 23-0764)*

23 21 13 23-0850	EA	1-1/2" x 1" Plain End Piping System, Reducing (Swaged) Nipple	133.40	16.41
		For Galvanized Fittings, Add	*27.18*	
23 21 13 23-0851	EA	2" x 1" Plain End Piping System, Reducing (Swaged) Nipple	138.01	19.51
		For Galvanized Fittings, Add	*27.18*	
23 21 13 23-0852	EA	2" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	142.65	22.61
		For Galvanized Fittings, Add	*27.18*	
23 21 13 23-0853	EA	2-1/2" x 1" Plain End Piping System, Reducing (Swaged) Nipple	141.52	21.92
		For Galvanized Fittings, Add	*27.18*	
23 21 13 23-0854	EA	2-1/2" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	146.04	24.91
		For Galvanized Fittings, Add	*27.18*	
23 21 13 23-0855	EA	2-1/2" x 2" Plain End Piping System, Reducing (Swaged) Nipple	150.61	27.89
		For Galvanized Fittings, Add	*27.18*	
23 21 13 23-0856	EA	3" x 1" Plain End Piping System, Reducing (Swaged) Nipple	170.23	25.25
		For Galvanized Fittings, Add	*33.11*	
23 21 13 23-0857	EA	3" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	174.30	27.89
		For Galvanized Fittings, Add	*33.11*	
23 21 13 23-0858	EA	3" x 2" Plain End Piping System, Reducing (Swaged) Nipple	148.35	30.99
		For Galvanized Fittings, Add	*25.46*	
23 21 13 23-0859	EA	3" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple	157.24	36.96
		For Galvanized Fittings, Add	*25.46*	
23 21 13 23-0860	EA	3-1/2" x 3" Plain End Piping System, Reducing (Swaged) Nipple	181.44	39.83
		For Galvanized Fittings, Add	*30.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0861	EA	4" x 1" Plain End Piping System, Reducing (Swaged) Nipple	233.25	31.33
		For Galvanized Fittings, Add	*46.55*	
23 21 13 23-0862	EA	4" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	237.27	34.09
		For Galvanized Fittings, Add	*46.55*	
23 21 13 23-0863	EA	4" x 2" Plain End Piping System, Reducing (Swaged) Nipple	196.72	37.18
		For Galvanized Fittings, Add	*35.25*	
23 21 13 23-0864	EA	4" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple	200.66	39.83
		For Galvanized Fittings, Add	*35.25*	
23 21 13 23-0865	EA	4" x 3" Plain End Piping System, Reducing (Swaged) Nipple	205.34	42.92
		For Galvanized Fittings, Add	*35.25*	
23 21 13 23-0866	EA	4" x 3-1/2" Plain End Piping System, Reducing (Swaged) Nipple	209.81	45.91
		For Galvanized Fittings, Add	*35.25*	
23 21 13 23-0867	EA	5" x 2" Plain End Piping System, Reducing (Swaged) Nipple	583.43	43.26
		For Galvanized Fittings, Add	*129.63*	
23 21 13 23-0868	EA	5" x 3" Plain End Piping System, Reducing (Swaged) Nipple	473.60	48.89
		For Galvanized Fittings, Add	*100.06*	
23 21 13 23-0869	EA	5" x 4" Plain End Piping System, Reducing (Swaged) Nipple	412.04	55.21
		For Galvanized Fittings, Add	*82.34*	
23 21 13 23-0870	EA	6" x 1" Plain End Piping System, Reducing (Swaged) Nipple	1,057.99	46.71
		For Galvanized Fittings, Add	*247.00*	
23 21 13 23-0871	EA	6" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	1,061.95	49.36
		For Galvanized Fittings, Add	*247.00*	
23 21 13 23-0872	EA	6" x 2" Plain End Piping System, Reducing (Swaged) Nipple	809.36	52.45
		For Galvanized Fittings, Add	*182.69*	
23 21 13 23-0873	EA	6" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple	813.44	55.21
		For Galvanized Fittings, Add	*182.69*	
23 21 13 23-0874	EA	6" x 3" Plain End Piping System, Reducing (Swaged) Nipple	560.80	58.19
		For Galvanized Fittings, Add	*118.40*	
23 21 13 23-0875	EA	6" x 3-1/2" Plain End Piping System, Reducing (Swaged) Nipple	564.97	60.94
		For Galvanized Fittings, Add	*118.40*	
23 21 13 23-0876	EA	6" x 4" Plain End Piping System, Reducing (Swaged) Nipple	455.45	64.28
		For Galvanized Fittings, Add	*89.79*	
23 21 13 23-0877	EA	6" x 5" Plain End Piping System, Reducing (Swaged) Nipple	517.30	70.36
		For Galvanized Fittings, Add	*102.95*	
23 21 13 23-0878	EA	8" x 3" Plain End Piping System, Reducing (Swaged) Nipple	669.75	65.77
		For Galvanized Fittings, Add	*142.79*	
23 21 13 23-0879	EA	8" x 4" Plain End Piping System, Reducing (Swaged) Nipple	679.01	71.96
		For Galvanized Fittings, Add	*142.79*	
23 21 13 23-0880	EA	8" x 5" Plain End Piping System, Reducing (Swaged) Nipple	766.87	78.16
		For Galvanized Fittings, Add	*162.44*	
23 21 13 23-0881	EA	8" x 6" Plain End Piping System, Reducing (Swaged) Nipple	859.34	87.34
		For Galvanized Fittings, Add	*182.08*	

23 21 13 23-0882 Plain End Piping System, Bull Plugs *(23 21 13 23-0764)*

23 21 13 23-0883	EA	1" Plain End Piping System, Bull Plug	299.76	6.89
		For Galvanized Fittings, Add	*86.83*	
23 21 13 23-0884	EA	1-1/2" Plain End Piping System, Bull Plug	303.78	9.52
		For Galvanized Fittings, Add	*86.83*	
23 21 13 23-0885	EA	2" Plain End Piping System, Bull Plug	308.31	12.63
		For Galvanized Fittings, Add	*86.83*	
23 21 13 23-0886	EA	2-1/2" Plain End Piping System, Bull Plug	312.38	15.26
		For Galvanized Fittings, Add	*86.83*	
23 21 13 23-0887	EA	3" Plain End Piping System, Bull Plug	451.81	18.36
		For Galvanized Fittings, Add	*127.28*	
23 21 13 23-0888	EA	4" Plain End Piping System, Bull Plug	584.73	24.45
		For Galvanized Fittings, Add	*164.40*	
23 21 13 23-0889	EA	5" Plain End Piping System, Bull Plug	1,014.35	30.65
		For Galvanized Fittings, Add	*290.54*	
23 21 13 23-0890	EA	6" Plain End Piping System, Bull Plug	1,351.36	39.83
		For Galvanized Fittings, Add	*387.50*	
23 21 13 23-0891	EA	8" Plain End Piping System, Bull Plug	2,499.56	47.40
		For Galvanized Fittings, Add	*728.53*	
23 21 13 23-0892	EA	10" Plain End Piping System, Bull Plug	4,491.55	55.44
		For Galvanized Fittings, Add	*1,322.51*	
23 21 13 23-0893	EA	12" Plain End Piping System, Bull Plug	6,879.13	66.57
		For Galvanized Fittings, Add	*2,033.79*	

23 21 13 23-0894 Carbon Steel Piping Systems *(23 21 13 23)*

23 21 13 23-0895 Class 3,000 Lb. Carbon Steel Socket Weld Fittings *(23 21 13 23-0894)*

Note: ASTM A105.

23 21 13 23-0896 90 Degree Elbows, 3,000 LB Carbon Steel Socket Weld *(23 21 13 23-0895)*

23 21 13 23-0897	EA	1/2", 3,000 Lb., Carbon Steel, Socket Weld, 90 Degree Elbow	73.32	34.48
23 21 13 23-0898	EA	3/4", 3,000 Lb., Carbon Steel, Socket Weld, 90 Degree Elbow	82.18	38.59
23 21 13 23-0899	EA	1", 3,000 Lb., Carbon Steel, Socket Weld, 90 Degree Elbow	95.40	43.09
23 21 13 23-0900	EA	1-1/4", 3,000 Lb., Carbon Steel, Socket Weld, 90 Degree Elbow	114.75	48.79
23 21 13 23-0901	EA	1-1/2", 3,000 Lb., Carbon Steel, Socket Weld, 90 Degree Elbow	130.01	55.01
23 21 13 23-0902	EA	2", 3,000 Lb., Carbon Steel, Socket Weld, 90 Degree Elbow	169.12	69.87
23 21 13 23-0903	EA	2-1/2", 3,000 Lb., Carbon Steel, Socket Weld, 90 Degree Elbow	281.35	103.42
23 21 13 23-0904	EA	3", 3,000 Lb., Carbon Steel, Socket Weld, 90 Degree Elbow	383.39	136.07
23 21 13 23-0905	EA	4", 3,000 Lb., Carbon Steel, Socket Weld, 90 Degree Elbow	537.85	150.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0906		**45 Degree Elbows, 3,000 LB Carbon Steel Socket Weld** *(23 21 13 23-0895)*		
23 21 13 23-0907	EA	1/2", 3,000 Lb., Carbon Steel, Socket Weld, 45 Degree Elbow	75.24	34.48
23 21 13 23-0908	EA	3/4", 3,000 Lb., Carbon Steel, Socket Weld, 45 Degree Elbow	85.10	38.59
23 21 13 23-0909	EA	1", 3,000 Lb., Carbon Steel, Socket Weld, 45 Degree Elbow	96.29	43.09
23 21 13 23-0910	EA	1-1/4", 3,000 Lb., Carbon Steel, Socket Weld, 45 Degree Elbow	115.88	48.79
23 21 13 23-0911	EA	1-1/2", 3,000 Lb., Carbon Steel, Socket Weld, 45 Degree Elbow	132.73	55.01
23 21 13 23-0912	EA	2", 3,000 Lb., Carbon Steel, Socket Weld, 45 Degree Elbow	169.07	69.87
23 21 13 23-0913	EA	2-1/2", 3,000 Lb., Carbon Steel, Socket Weld, 45 Degree Elbow	298.00	103.42
23 21 13 23-0914	EA	3", 3,000 Lb., Carbon Steel, Socket Weld, 45 Degree Elbow	397.48	136.07
23 21 13 23-0915	EA	4", 3,000 Lb., Carbon Steel, Socket Weld, 45 Degree Elbow	531.75	150.82
23 21 13 23-0916		**Straight Tees, 3,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-0895)*		
23 21 13 23-0917	EA	1/2", 3,000 Lb., Carbon Steel, Socket Weld, Straight Tee	91.15	43.09
23 21 13 23-0918	EA	3/4", 3,000 Lb., Carbon Steel, Socket Weld, Straight Tee	106.62	49.71
23 21 13 23-0919	EA	1", 3,000 Lb., Carbon Steel, Socket Weld, Straight Tee	130.21	58.76
23 21 13 23-0920	EA	1-1/4", 3,000 Lb., Carbon Steel, Socket Weld, Straight Tee	160.46	69.87
23 21 13 23-0921	EA	1-1/2", 3,000 Lb., Carbon Steel, Socket Weld, Straight Tee	192.48	83.39
23 21 13 23-0922	EA	2", 3,000 Lb., Carbon Steel, Socket Weld, Straight Tee	244.11	103.42
23 21 13 23-0923	EA	2-1/2", 3,000 Lb., Carbon Steel, Socket Weld, Straight Tee	361.89	136.07
23 21 13 23-0924	EA	3", 3,000 Lb., Carbon Steel, Socket Weld, Straight Tee	457.92	161.58
23 21 13 23-0925	EA	4", 3,000 Lb., Carbon Steel, Socket Weld, Straight Tee	697.60	190.50
23 21 13 23-0926		**Reducing Tees, 3,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-0895)*		
23 21 13 23-0927	EA	1/2", 3,000 Lb., Carbon Steel, Socket Weld, Reducing Tee	91.68	43.09
23 21 13 23-0928	EA	3/4", 3,000 Lb., Carbon Steel, Socket Weld, Reducing Tee	107.17	49.71
23 21 13 23-0929	EA	1", 3,000 Lb., Carbon Steel, Socket Weld, Reducing Tee	130.87	58.76
23 21 13 23-0930	EA	1-1/4", 3,000 Lb., Carbon Steel, Socket Weld, Reducing Tee	162.01	69.87
23 21 13 23-0931	EA	1-1/2", 3,000 Lb., Carbon Steel, Socket Weld, Reducing Tee	194.30	83.39
23 21 13 23-0932	EA	2", 3,000 Lb., Carbon Steel, Socket Weld, Reducing Tee	246.89	103.42
23 21 13 23-0933	EA	2-1/2", 3,000 Lb., Carbon Steel, Socket Weld, Reducing Tee	368.51	136.07
23 21 13 23-0934	EA	3", 3,000 Lb., Carbon Steel, Socket Weld, Reducing Tee	467.45	161.58
23 21 13 23-0935	EA	4", 3,000 Lb., Carbon Steel, Socket Weld, Reducing Tee	663.68	190.50
23 21 13 23-0936		**Straight Couplings, 3,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-0895)*		
23 21 13 23-0937	EA	1/2", 3,000 Lb., Carbon Steel, Socket Weld, Straight Coupling	70.94	34.48
23 21 13 23-0938	EA	3/4", 3,000 Lb., Carbon Steel, Socket Weld, Straight Coupling	79.55	38.59
23 21 13 23-0939	EA	1", 3,000 Lb., Carbon Steel, Socket Weld, Straight Coupling	89.81	43.09
23 21 13 23-0940	EA	1-1/4", 3,000 Lb., Carbon Steel, Socket Weld, Straight Coupling	102.14	48.79
23 21 13 23-0941	EA	1-1/2", 3,000 Lb., Carbon Steel, Socket Weld, Straight Coupling	116.16	55.01
23 21 13 23-0942	EA	2", 3,000 Lb., Carbon Steel, Socket Weld, Straight Coupling	148.74	69.87
23 21 13 23-0943	EA	2-1/2" Coupling, Straight, Carbon Steel, Socket, Weld, 3,000 Lb.	229.45	103.42
23 21 13 23-0944	EA	3", 3,000 Lb., Carbon Steel, Socket Weld, Straight Coupling	303.34	136.07
23 21 13 23-0945	EA	4", 3,000 Lb., Carbon Steel, Socket Weld, Straight Coupling	363.84	150.82
23 21 13 23-0946		**Reducing Couplings, 3,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-0895)*		
23 21 13 23-0947	EA	1/2", 3,000 Lb., Carbon Steel, Socket Weld, Reducing Coupling	72.01	34.48
23 21 13 23-0948	EA	3/4", 3,000 Lb., Carbon Steel, Socket Weld, Reducing Coupling	80.73	38.59
23 21 13 23-0949	EA	1", 3,000 Lb., Carbon Steel, Socket Weld, Reducing Coupling	91.70	43.09
23 21 13 23-0950	EA	1-1/4", 3,000 Lb., Carbon Steel, Socket Weld, Reducing Coupling	104.42	48.79
23 21 13 23-0951	EA	1-1/2", 3,000 Lb., Carbon Steel, Socket Weld, Reducing Coupling	119.55	55.01
23 21 13 23-0952	EA	2", 3,000 Lb., Carbon Steel, Socket Weld, Reducing Coupling	152.36	69.87
23 21 13 23-0953	EA	2-1/2", 3,000 Lb., Carbon Steel, Socket Weld, Reducing Coupling	237.41	103.42
23 21 13 23-0954	EA	3", 3,000 Lb., Carbon Steel, Socket Weld, Reducing Coupling	319.37	136.07
23 21 13 23-0955	EA	4", 3,000 Lb., Carbon Steel, Socket Weld, Reducing Coupling	397.15	150.82
23 21 13 23-0956		**Half Coupling, Threaded Female x Butt Weld Straight Adapter, 3,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-0895)*		
23 21 13 23-0957	EA	1/2", 3,000 Lb., Carbon Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	64.60	41.65
23 21 13 23-0958	EA	3/4", 3,000 Lb., Carbon Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	75.67	48.40
23 21 13 23-0959	EA	1", 3,000 Lb., Carbon Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	81.81	51.78
23 21 13 23-0960	EA	1-1/4", 3,000 Lb., Carbon Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	95.91	58.87
23 21 13 23-0961	EA	1-1/2", 3,000 Lb., Carbon Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	106.45	64.22
23 21 13 23-0962	EA	2", 3,000 Lb., Carbon Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	138.10	83.07
23 21 13 23-0963	EA	2-1/2", 3,000 Lb., Carbon Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	190.77	108.67
23 21 13 23-0964	EA	3", 3,000 Lb., Carbon Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	234.51	119.48
23 21 13 23-0965	EA	4", 3,000 Lb., Carbon Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	368.54	181.14
23 21 13 23-0966		**Caps, 3,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-0895)*		
23 21 13 23-0967	EA	1/2", 3,000 Lb., Carbon Steel, Socket Weld, Cap	35.47	16.16
23 21 13 23-0968	EA	3/4", 3,000 Lb., Carbon Steel, Socket Weld, Cap	38.62	17.24
23 21 13 23-0969	EA	1", 3,000 Lb., Carbon Steel, Socket Weld, Cap	44.78	19.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0970	EA	1-1/4", 3,000 Lb., Carbon Steel, Socket Weld, Cap	49.63	21.55
23 21 13 23-0971	EA	1-1/2", 3,000 Lb., Carbon Steel, Socket Weld, Cap	52.02	21.55
23 21 13 23-0972	EA	2", 3,000 Lb., Carbon Steel, Socket Weld, Cap	67.26	27.80
23 21 13 23-0973	EA	2-1/2", 3,000 Lb., Carbon Steel, Socket Weld, Cap	96.39	34.48
23 21 13 23-0974	EA	3", 3,000 Lb., Carbon Steel, Socket Weld, Cap	126.64	41.70
23 21 13 23-0975	EA	4", 3,000 Lb., Carbon Steel, Socket Weld, Cap	170.85	51.70
23 21 13 23-0976		**Black Cast Iron Square Head Plug** *(23 21 13 23-0895)*		
23 21 13 23-0977	EA	1/2", 3,000 Lb., Black Cast Iron, Square Head Plug	28.18	13.75
23 21 13 23-0978	EA	3/4", 3,000 Lb., Black Cast Iron, Square Head Plug	29.21	13.75
23 21 13 23-0979	EA	1", 3,000 Lb., Black Cast Iron, Square Head Plug	43.60	20.85
23 21 13 23-0980	EA	1-1/4", 3,000 Lb., Black Cast Iron, Square Head Plug	43.81	20.85
23 21 13 23-0981	EA	1-1/2", 3,000 Lb., Black Cast Iron, Square Head Plug	44.66	20.85
23 21 13 23-0982	EA	2", 3,000 Lb., Black Cast Iron, Square Head Plug	59.43	27.80
23 21 13 23-0983	EA	2-1/2", 3,000 Lb., Black Cast Iron, Square Head Plug	74.50	34.48
23 21 13 23-0984	EA	3", 3,000 Lb., Black Cast Iron, Square Head Plug	92.32	41.70
23 21 13 23-0985	EA	4", 3,000 Lb., Black Cast Iron, Square Head Plug	113.90	51.70
23 21 13 23-0986		**Unions, 3,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-0895)*		
23 21 13 23-0987	EA	1/2", 3,000 Lb., Carbon Steel, Socket Weld, Union	97.38	43.09
23 21 13 23-0988	EA	3/4", 3,000 Lb., Carbon Steel, Socket Weld, Union	110.93	49.71
23 21 13 23-0989	EA	1", 3,000 Lb., Carbon Steel, Socket Weld, Union	134.31	58.76
23 21 13 23-0990	EA	1-1/4", 3,000 Lb., Carbon Steel, Socket Weld, Union	162.93	69.87
23 21 13 23-0991	EA	1-1/2", 3,000 Lb., Carbon Steel, Socket Weld, Union	195.09	83.39
23 21 13 23-0992	EA	2", 3,000 Lb., Carbon Steel, Socket Weld, Union	242.59	103.42
23 21 13 23-0993	EA	2-1/2", 3,000 Lb., Carbon Steel, Socket Weld, Union	316.36	112.41
23 21 13 23-0994	EA	3", 3,000 Lb., Carbon Steel, Socket Weld, Union	401.91	136.07
23 21 13 23-0995		**Class 6,000 Lb. Carbon Steel Socket Weld Fittings** *(23 21 13 23-0894)* Note: ASTM A105.		
23 21 13 23-0996		**90 Degree Elbow, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-0995)*		
23 21 13 23-0997	EA	1/2", 6,000 Lb., Carbon Steel, Socket Weld, 90 Degree Elbow	75.64	34.48
23 21 13 23-0998	EA	3/4", 6,000 Lb., Carbon Steel, Socket Weld, 90 Degree Elbow	84.83	38.59
23 21 13 23-0999	EA	1", 6,000 Lb., Carbon Steel, Socket Weld, 90 Degree Elbow	100.29	43.09
23 21 13 23-1000	EA	1-1/4", 6,000 Lb., Carbon Steel, Socket Weld, 90 Degree Elbow	123.87	48.79
23 21 13 23-1001	EA	1-1/2", 6,000 Lb., Carbon Steel, Socket Weld, 90 Degree Elbow	140.63	55.01
23 21 13 23-1002	EA	2", 6,000 Lb., Carbon Steel, Socket Weld, 90 Degree Elbow	184.72	69.87
23 21 13 23-1003	EA	2-1/2", 6,000 Lb., Carbon Steel, Socket Weld, 90 Degree Elbow	320.93	103.42
23 21 13 23-1004	EA	3", 6,000 Lb., Carbon Steel, Socket Weld, 90 Degree Elbow	442.47	136.07
23 21 13 23-1005	EA	4", 6,000 Lb., Carbon Steel, Socket Weld, 90 Degree Elbow	663.31	150.82
23 21 13 23-1006		**45 Degree Elbow, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-0995)*		
23 21 13 23-1007	EA	1/2", 6,000 Lb., Carbon Steel, Socket Weld, 45 Degree Elbow	78.81	34.48
23 21 13 23-1008	EA	3/4", 6,000 Lb., Carbon Steel, Socket Weld, 45 Degree Elbow	89.58	38.59
23 21 13 23-1009	EA	1", 6,000 Lb., Carbon Steel, Socket Weld, 45 Degree Elbow	102.02	43.09
23 21 13 23-1010	EA	1-1/4", 6,000 Lb., Carbon Steel, Socket Weld, 45 Degree Elbow	126.26	48.79
23 21 13 23-1011	EA	1-1/2", 6,000 Lb., Carbon Steel, Socket Weld, 45 Degree Elbow	145.59	55.01
23 21 13 23-1012	EA	2", 6,000 Lb., Carbon Steel, Socket Weld, 45 Degree Elbow	185.67	69.87
23 21 13 23-1013	EA	2-1/2", 6,000 Lb., Carbon Steel, Socket Weld, 45 Degree Elbow	349.63	103.42
23 21 13 23-1014	EA	3", 6,000 Lb., Carbon Steel, Socket Weld, 45 Degree Elbow	468.44	136.07
23 21 13 23-1015	EA	4", 6,000 Lb., Carbon Steel, Socket Weld, 45 Degree Elbow	662.06	150.82
23 21 13 23-1016		**Straight Tees, 6,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-0995)*		
23 21 13 23-1017	EA	1/2", 6,000 Lb., Carbon Steel, Socket Weld, Straight Tee	95.76	43.09
23 21 13 23-1018	EA	3/4", 6,000 Lb., Carbon Steel, Socket Weld, Straight Tee	113.27	49.71
23 21 13 23-1019	EA	1", 6,000 Lb., Carbon Steel, Socket Weld, Straight Tee	141.98	58.76
23 21 13 23-1020	EA	1-1/4", 6,000 Lb., Carbon Steel, Socket Weld, Straight Tee	179.64	69.87
23 21 13 23-1021	EA	1-1/2", 6,000 Lb., Carbon Steel, Socket Weld, Straight Tee	216.27	83.39
23 21 13 23-1022	EA	2", 6,000 Lb., Carbon Steel, Socket Weld, Straight Tee	278.64	103.42
23 21 13 23-1023	EA	2-1/2", 6,000 Lb., Carbon Steel, Socket Weld, Straight Tee	445.01	136.07
23 21 13 23-1024	EA	3", 6,000 Lb., Carbon Steel, Socket Weld, Straight Tee	582.73	161.58
23 21 13 23-1025	EA	4", 6,000 Lb., Carbon Steel, Socket Weld, Straight Tee	990.82	190.50
23 21 13 23-1026		**Reducing Tees, 6,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-0995)*		
23 21 13 23-1027	EA	1/2", 6,000 Lb., Carbon Steel, Socket Weld, Reducing Tee	91.68	43.09
23 21 13 23-1028	EA	3/4", 6,000 Lb., Carbon Steel, Socket Weld, Reducing Tee	107.17	49.71
23 21 13 23-1029	EA	1", 6,000 Lb., Carbon Steel, Socket Weld, Reducing Tee	130.87	58.76
23 21 13 23-1030	EA	1-1/4", 6,000 Lb., Carbon Steel, Socket Weld, Reducing Tee	162.01	69.87
23 21 13 23-1031	EA	1-1/2", 6,000 Lb., Carbon Steel, Socket Weld, Reducing Tee	194.30	83.39
23 21 13 23-1032	EA	2", 6,000 Lb., Carbon Steel, Socket Weld, Reducing Tee	246.89	103.42
23 21 13 23-1033	EA	2-1/2", 6,000 Lb., Carbon Steel, Socket Weld, Reducing Tee	368.51	136.07
23 21 13 23-1034	EA	3", 6,000 Lb., Carbon Steel, Socket Weld, Reducing Tee	467.45	161.58
23 21 13 23-1035	EA	4", 6,000 Lb., Carbon Steel, Socket Weld, Reducing Tee	663.68	190.50

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1036		**Straight Couplings, 6,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-0995)*		
23 21 13 23-1037	EA	1/2", 6,000 Lb., Carbon Steel, Socket Weld, Straight Coupling	71.90	34.48
23 21 13 23-1038	EA	3/4", 6,000 Lb., Carbon Steel, Socket Weld, Straight Coupling	80.69	38.59
23 21 13 23-1039	EA	1", 6,000 Lb., Carbon Steel, Socket Weld, Straight Coupling	91.56	43.09
23 21 13 23-1040	EA	1-1/4", 6,000 Lb., Carbon Steel, Socket Weld, Straight Coupling	104.35	48.79
23 21 13 23-1041	EA	1-1/2", 6,000 Lb., Carbon Steel, Socket Weld, Straight Coupling	119.14	55.01
23 21 13 23-1042	EA	2", 6,000 Lb., Carbon Steel, Socket Weld, Straight Coupling	153.09	69.87
23 21 13 23-1043	EA	2-1/2" Coupling, Straight, Carbon Steel, Socket, Weld, 6,000 Lb.	240.38	103.42
23 21 13 23-1044	EA	3", 6,000 Lb., Carbon Steel, Socket Weld, Straight Coupling	318.42	136.07
23 21 13 23-1045	EA	4", 6,000 Lb., Carbon Steel, Socket Weld, Straight Coupling	393.93	150.82
23 21 13 23-1046		**Reducing Couplings, 6,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-0995)*		
23 21 13 23-1047	EA	1/2", 6,000 Lb., Carbon Steel, Socket Weld, Reducing Coupling	73.49	34.48
23 21 13 23-1048	EA	3/4", 6,000 Lb., Carbon Steel, Socket Weld, Reducing Coupling	82.43	38.59
23 21 13 23-1049	EA	1", 6,000 Lb., Carbon Steel, Socket Weld, Reducing Coupling	94.35	43.09
23 21 13 23-1050	EA	1-1/4", 6,000 Lb., Carbon Steel, Socket Weld, Reducing Coupling	107.71	48.79
23 21 13 23-1051	EA	1-1/2", 6,000 Lb., Carbon Steel, Socket Weld, Reducing Coupling	124.13	55.01
23 21 13 23-1052	EA	2", 6,000 Lb., Carbon Steel, Socket Weld, Reducing Coupling	158.42	69.87
23 21 13 23-1053	EA	2-1/2", 6,000 Lb., Carbon Steel, Socket Weld, Reducing Coupling	252.09	103.42
23 21 13 23-1054	EA	3", 6,000 Lb., Carbon Steel, Socket Weld, Reducing Coupling	342.03	136.07
23 21 13 23-1055	EA	4", 6,000 Lb., Carbon Steel, Socket Weld, Reducing Coupling	443.01	150.82
23 21 13 23-1056		**Caps, 6,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-0995)*		
23 21 13 23-1057	EA	1/2", 6,000 Lb., Carbon Steel, Socket Weld, Cap	37.59	16.16
23 21 13 23-1058	EA	3/4", 6,000 Lb., Carbon Steel, Socket Weld, Cap	41.40	17.24
23 21 13 23-1059	EA	1", 6,000 Lb., Carbon Steel, Socket Weld, Cap	48.14	19.89
23 21 13 23-1060	EA	1-1/4", 6,000 Lb., Carbon Steel, Socket Weld, Cap	54.01	21.55
23 21 13 23-1061	EA	1-1/2", 6,000 Lb., Carbon Steel, Socket Weld, Cap	58.02	21.55
23 21 13 23-1062	EA	2", 6,000 Lb., Carbon Steel, Socket Weld, Cap	75.08	27.80
23 21 13 23-1063	EA	2-1/2", 6,000 Lb., Carbon Steel, Socket Weld, Cap	114.81	34.48
23 21 13 23-1064	EA	3", 6,000 Lb., Carbon Steel, Socket Weld, Cap	155.66	41.70
23 21 13 23-1065	EA	4", 6,000 Lb., Carbon Steel, Socket Weld, Cap	216.10	51.70
23 21 13 23-1066		**Black Cast Iron Square Head Plug** *(23 21 13 23-0995)*		
23 21 13 23-1067	EA	1/2", 6,000 Lb., Black Cast Iron, Square Head Plug	28.19	13.75
23 21 13 23-1068	EA	3/4", 6,000 Lb., Black Cast Iron, Square Head Plug	29.22	13.75
23 21 13 23-1069	EA	1", 6,000 Lb., Black Cast Iron, Square Head Plug	43.61	20.85
23 21 13 23-1070	EA	1-1/4", 6,000 Lb., Black Cast Iron, Square Head Plug	43.82	20.85
23 21 13 23-1071	EA	1-1/2", 6,000 Lb., Black Cast Iron, Square Head Plug	44.67	20.85
23 21 13 23-1072	EA	2", 6,000 Lb., Black Cast Iron, Square Head Plug	59.45	27.80
23 21 13 23-1073	EA	2-1/2", 6,000 Lb., Black Cast Iron, Square Head Plug	74.53	34.48
23 21 13 23-1074	EA	3", 6,000 Lb., Black Cast Iron, Square Head Plug	92.36	41.70
23 21 13 23-1075	EA	4", 6,000 Lb., Black Cast Iron, Square Head Plug	113.95	51.70
23 21 13 23-1076		**Unions, 6,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-0995)*		
23 21 13 23-1077	EA	1/2", 6,000 Lb., Carbon Steel, Socket Weld, Union	104.23	43.09
23 21 13 23-1078	EA	3/4", 6,000 Lb., Carbon Steel, Socket Weld, Union	117.96	49.71
23 21 13 23-1079	EA	1", 6,000 Lb., Carbon Steel, Socket Weld, Union	144.58	58.76
23 21 13 23-1080	EA	1-1/4", 6,000 Lb., Carbon Steel, Socket Weld, Union	177.11	69.87
23 21 13 23-1081	EA	1-1/2", 6,000 Lb., Carbon Steel, Socket Weld, Union	212.39	83.39
23 21 13 23-1082	EA	2", 6,000 Lb., Carbon Steel, Socket Weld, Union	264.45	103.42
23 21 13 23-1083	EA	2-1/2", 6,000 Lb., Carbon Steel, Socket Weld, Union	372.34	112.41
23 21 13 23-1084	EA	3", 6,000 Lb., Carbon Steel, Socket Weld, Union	481.26	136.07
23 21 13 23-1085		**Carbon Steel, Seamless Piping System** *(23 21 13 23-0894)*		
		Note: ASTM A106. Excludes hangers or fittings. Demolition Note applies to all pipe demolition.		
23 21 13 23-1086		**Schedule 40, Threaded, (A-106) Seamless Carbon Steel Piping** *(23 21 13 23-1085)*		
		Note: Excludes hangers, elbow, tee, or reducer fittings.		
23 21 13 23-1087	LF	1/4" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe	13.85	2.87
		For Schedule 80, Add	*2.90*	
23 21 13 23-1088	LF	3/8" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe	16.76	4.48
		For Schedule 80, Add	*3.64*	
23 21 13 23-1089	LF	1/2" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe	13.72	4.59
		For Schedule 160, Add	*10.14*	
		For Schedule 80, Add	*2.43*	
23 21 13 23-1090	LF	3/4" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe	15.36	4.94
		For Schedule 160, Add	*11.94*	
		For Schedule 80, Add	*2.87*	
23 21 13 23-1091	LF	1" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe	18.35	5.40
		For Schedule 160, Add	*15.48*	
		For Schedule 80, Add	*3.72*	
23 21 13 23-1092	LF	1-1/4" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe	22.19	5.63
		For Schedule 80, Add	*4.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1093	LF	1-1/2" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe	24.55	6.66
		For Schedule 160, Add	*21.86*	
		For Schedule 80, Add	*5.25*	
23 21 13 23-1094	LF	2" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe	30.11	8.04
		For Schedule 160, Add	*27.03*	
		For Schedule 80, Add	*6.49*	
23 21 13 23-1095	LF	2-1/2" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe	36.06	9.53
		For Schedule 80, Add	*7.82*	

23 21 13 23-1096 90 Degree Elbows, Screwed Carbon Steel *(23 21 13 23-1085)*

23 21 13 23-1097	EA	1/4", 2,000 Lb., Screwed Carbon Steel, 90 Degree Elbow	28.89	17.40
23 21 13 23-1098	EA	3/8", 2,000 Lb., Screwed Carbon Steel, 90 Degree Elbow	31.66	18.95
23 21 13 23-1099	EA	1/2", 2,000 Lb., Screwed Carbon Steel, 90 Degree Elbow	34.41	20.42
23 21 13 23-1100	EA	3/4", 2,000 Lb., Screwed Carbon Steel, 90 Degree Elbow	38.48	22.86
23 21 13 23-1101	EA	1", 2,000 Lb., Screwed Carbon Steel, 90 Degree Elbow	43.57	25.52
23 21 13 23-1102	EA	1-1/4", 2,000 Lb., Screwed Carbon Steel, 90 Degree Elbow	53.00	29.05
23 21 13 23-1103	EA	1-1/2", 2,000 Lb., Screwed Carbon Steel, 90 Degree Elbow	62.54	32.58
23 21 13 23-1104	EA	2", 2,000 Lb., Screwed Carbon Steel, 90 Degree Elbow	79.33	41.38
23 21 13 23-1105	EA	2-1/2", 2,000 Lb., Screwed Carbon Steel, 90 Degree Elbow	130.30	61.32
23 21 13 23-1106	EA	1/4", 3,000 Lb., Screwed Carbon Steel, 90 Degree Elbow	29.77	17.40
23 21 13 23-1107	EA	3/8", 3,000 Lb., Screwed Carbon Steel, 90 Degree Elbow	32.26	18.95
23 21 13 23-1108	EA	1/2", 3,000 Lb., Screwed Carbon Steel, 90 Degree Elbow	34.74	20.42
23 21 13 23-1109	EA	3/4", 3,000 Lb., Screwed Carbon Steel, 90 Degree Elbow	39.57	22.86
23 21 13 23-1110	EA	1", 3,000 Lb., Screwed Carbon Steel, 90 Degree Elbow	45.94	25.52
23 21 13 23-1111	EA	1-1/4", 3,000 Lb., Screwed Carbon Steel, 90 Degree Elbow	57.00	29.05
23 21 13 23-1112	EA	1-1/2", 3,000 Lb., Screwed Carbon Steel, 90 Degree Elbow	68.19	32.58
23 21 13 23-1113	EA	2", 3,000 Lb., Screwed Carbon Steel, 90 Degree Elbow	85.56	41.38
23 21 13 23-1114	EA	2-1/2", 3,000 Lb., Screwed Carbon Steel, 90 Degree Elbow	144.19	61.32
23 21 13 23-1115	EA	1/2", 6,000 Lb., Screwed Carbon Steel, 90 Degree Elbow	37.81	20.42
23 21 13 23-1116	EA	3/4", 6,000 Lb., Screwed Carbon Steel, 90 Degree Elbow	43.44	22.86
23 21 13 23-1117	EA	1", 6,000 Lb., Screwed Carbon Steel, 90 Degree Elbow	50.00	25.52
23 21 13 23-1118	EA	1-1/4", 6,000 Lb., Screwed Carbon Steel, 90 Degree Elbow	64.75	29.05
23 21 13 23-1119	EA	1-1/2", 6,000 Lb., Screwed Carbon Steel, 90 Degree Elbow	79.61	32.58
23 21 13 23-1120	EA	2", 6,000 Lb., Screwed Carbon Steel, 90 Degree Elbow	115.86	41.38
23 21 13 23-1121	EA	2-1/2", 6,000 Lb., Screwed Carbon Steel, 90 Degree Elbow	211.68	61.32

23 21 13 23-1122 45 Degree Elbows, Screwed Carbon Steel *(23 21 13 23-1085)*

23 21 13 23-1123	EA	1/4", 2,000 Lb., Screwed Carbon Steel, 45 Degree Elbow	30.90	17.61
23 21 13 23-1124	EA	3/8", 2,000 Lb., Screwed Carbon Steel, 45 Degree Elbow	32.87	18.95
23 21 13 23-1125	EA	1/2", 2,000 Lb., Screwed Carbon Steel, 45 Degree Elbow	35.17	20.42
23 21 13 23-1126	EA	3/4", 2,000 Lb., Screwed Carbon Steel, 45 Degree Elbow	39.40	22.86
23 21 13 23-1127	EA	1", 2,000 Lb., Screwed Carbon Steel, 45 Degree Elbow	44.27	25.52
23 21 13 23-1128	EA	1-1/4", 2,000 Lb., Screwed Carbon Steel, 45 Degree Elbow	52.22	29.05
23 21 13 23-1129	EA	1-1/2", 2,000 Lb., Screwed Carbon Steel, 45 Degree Elbow	60.29	32.58
23 21 13 23-1130	EA	2", 2,000 Lb., Screwed Carbon Steel, 45 Degree Elbow	82.80	41.38
23 21 13 23-1131	EA	2-1/2", 2,000 Lb., Screwed Carbon Steel, 45 Degree Elbow	138.04	61.32
23 21 13 23-1132	EA	1/4", 3,000 Lb., Screwed Carbon Steel, 45 Degree Elbow	31.05	17.61
23 21 13 23-1133	EA	3/8", 3,000 Lb., Screwed Carbon Steel, 45 Degree Elbow	33.34	18.95
23 21 13 23-1134	EA	1/2", 3,000 Lb., Screwed Carbon Steel, 45 Degree Elbow	35.92	20.42
23 21 13 23-1135	EA	3/4", 3,000 Lb., Screwed Carbon Steel, 45 Degree Elbow	40.33	22.86
23 21 13 23-1136	EA	1", 3,000 Lb., Screwed Carbon Steel, 45 Degree Elbow	46.69	25.52
23 21 13 23-1137	EA	1-1/4", 3,000 Lb., Screwed Carbon Steel, 45 Degree Elbow	56.95	29.05
23 21 13 23-1138	EA	1-1/2", 3,000 Lb., Screwed Carbon Steel, 45 Degree Elbow	67.32	32.58
23 21 13 23-1139	EA	2", 3,000 Lb., Screwed Carbon Steel, 45 Degree Elbow	87.51	41.38
23 21 13 23-1140	EA	2-1/2", 3,000 Lb., Screwed Carbon Steel, 45 Degree Elbow	148.53	61.32
23 21 13 23-1141	EA	1/2", 6,000 Lb., Screwed Carbon Steel, 45 Degree Elbow	39.93	20.42
23 21 13 23-1142	EA	3/4", 6,000 Lb., Screwed Carbon Steel, 45 Degree Elbow	47.27	22.86
23 21 13 23-1143	EA	1", 6,000 Lb., Screwed Carbon Steel, 45 Degree Elbow	51.44	25.52
23 21 13 23-1144	EA	1-1/4", 6,000 Lb., Screwed Carbon Steel, 45 Degree Elbow	69.54	29.05
23 21 13 23-1145	EA	1-1/2", 6,000 Lb., Screwed Carbon Steel, 45 Degree Elbow	87.76	32.58
23 21 13 23-1146	EA	2", 6,000 Lb., Screwed Carbon Steel, 45 Degree Elbow	116.40	41.38
23 21 13 23-1147	EA	2-1/2", 6,000 Lb., Screwed Carbon Steel, 45 Degree Elbow	212.88	61.32

23 21 13 23-1148 90 Degree Street Elbows, Screwed Carbon Steel *(23 21 13 23-1085)*

23 21 13 23-1149	EA	1/4", 3,000 Lb., Screwed Carbon Steel, 90 Degree Street Elbow	31.70	17.40
23 21 13 23-1150	EA	3/8", 3,000 Lb., Screwed Carbon Steel, 90 Degree Street Elbow	34.17	18.95
23 21 13 23-1151	EA	1/2", 3,000 Lb., Screwed Carbon Steel, 90 Degree Street Elbow	36.61	20.42
23 21 13 23-1152	EA	3/4", 3,000 Lb., Screwed Carbon Steel, 90 Degree Street Elbow	41.98	22.86
23 21 13 23-1153	EA	1", 3,000 Lb., Screwed Carbon Steel, 90 Degree Street Elbow	48.13	25.52
23 21 13 23-1154	EA	1-1/4", 3,000 Lb., Screwed Carbon Steel, 90 Degree Street Elbow	59.00	29.05
23 21 13 23-1155	EA	1-1/2", 3,000 Lb., Screwed Carbon Steel, 90 Degree Street Elbow	69.96	32.58
23 21 13 23-1156	EA	2", 3,000 Lb., Screwed Carbon Steel, 90 Degree Street Elbow	92.19	41.38
23 21 13 23-1157	EA	2-1/2", 3,000 Lb., Screwed Carbon Steel, 90 Degree Street Elbow	158.95	61.32
23 21 13 23-1158	EA	1/2", 6,000 Lb., Screwed Carbon Steel, 90 Degree Street Elbow	44.64	20.42
23 21 13 23-1159	EA	3/4", 6,000 Lb., Screwed Carbon Steel, 90 Degree Street Elbow	58.31	22.86
23 21 13 23-1160	EA	1", 6,000 Lb., Screwed Carbon Steel, 90 Degree Street Elbow	75.45	25.52
23 21 13 23-1161	EA	1-1/4", 6,000 Lb., Screwed Carbon Steel, 90 Degree Street Elbow	110.22	29.05
23 21 13 23-1162	EA	1-1/2", 6,000 Lb., Screwed Carbon Steel, 90 Degree Street Elbow	145.09	32.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1163	EA	2", 6,000 Lb., Screwed Carbon Steel, 90 Degree Street Elbow	213.28	41.34
23 21 13 23-1164	EA	2-1/2", 6,000 Lb., Screwed Carbon Steel, 90 Degree Street Elbow	428.56	61.32
23 21 13 23-1165		**Straight Tees, Screwed Carbon Steel** *(23 21 13 23-1085)*		
23 21 13 23-1166	EA	1/4", 2,000 Lb., Screwed Carbon Steel, Straight Tee	38.33	22.97
23 21 13 23-1167	EA	3/8", 2,000 Lb., Screwed Carbon Steel, Straight Tee	40.81	24.23
23 21 13 23-1168	EA	1/2", 2,000 Lb., Screwed Carbon Steel, Straight Tee	43.18	25.52
23 21 13 23-1169	EA	3/4", 2,000 Lb., Screwed Carbon Steel, Straight Tee	50.85	29.45
23 21 13 23-1170	EA	1", 2,000 Lb., Screwed Carbon Steel, Straight Tee	61.34	34.79
23 21 13 23-1171	EA	1-1/4", 2,000 Lb., Screwed Carbon Steel, Straight Tee	77.35	42.14
23 21 13 23-1172	EA	1-1/2", 2,000 Lb., Screwed Carbon Steel, Straight Tee	93.32	49.39
23 21 13 23-1173	EA	2", 2,000 Lb., Screwed Carbon Steel, Straight Tee	115.70	61.25
23 21 13 23-1174	EA	2-1/2", 2,000 Lb., Screwed Carbon Steel, Straight Tee	174.02	80.61
23 21 13 23-1175	EA	1/4", 3,000 Lb., Screwed Carbon Steel, Straight Tee	39.09	22.97
23 21 13 23-1176	EA	3/8", 3,000 Lb., Screwed Carbon Steel, Straight Tee	41.43	24.23
23 21 13 23-1177	EA	1/2", 3,000 Lb., Screwed Carbon Steel, Straight Tee	43.67	25.52
23 21 13 23-1178	EA	3/4", 3,000 Lb., Screwed Carbon Steel, Straight Tee	52.48	29.45
23 21 13 23-1179	EA	1", 3,000 Lb., Screwed Carbon Steel, Straight Tee	62.74	34.79
23 21 13 23-1180	EA	1-1/4", 3,000 Lb., Screwed Carbon Steel, Straight Tee	80.47	42.14
23 21 13 23-1181	EA	1-1/2", 3,000 Lb., Screwed Carbon Steel, Straight Tee	98.16	49.39
23 21 13 23-1182	EA	2", 3,000 Lb., Screwed Carbon Steel, Straight Tee	123.72	61.25
23 21 13 23-1183	EA	2-1/2", 3,000 Lb., Screwed Carbon Steel, Straight Tee	191.89	80.61
23 21 13 23-1184	EA	1/2", 6,000 Lb., Screwed Carbon Steel, Straight Tee	47.36	25.52
23 21 13 23-1185	EA	3/4", 6,000 Lb., Screwed Carbon Steel, Straight Tee	56.44	29.45
23 21 13 23-1186	EA	1", 6,000 Lb., Screwed Carbon Steel, Straight Tee	72.53	34.79
23 21 13 23-1187	EA	1-1/4", 6,000 Lb., Screwed Carbon Steel, Straight Tee	90.93	42.14
23 21 13 23-1188	EA	1-1/2", 6,000 Lb., Screwed Carbon Steel, Straight Tee	109.29	49.39
23 21 13 23-1189	EA	2", 6,000 Lb., Screwed Carbon Steel, Straight Tee	159.19	61.25
23 21 13 23-1190	EA	2-1/2", 6,000 Lb., Screwed Carbon Steel, Straight Tee	270.89	80.61
23 21 13 23-1191		**Screwed Carbon Steel Laterals** *(23 21 13 23-1085)*		
23 21 13 23-1192	EA	1/2", 3,000 Lb., Screwed Carbon Steel, Straight Lateral	93.57	25.52
23 21 13 23-1193	EA	3/4", 3,000 Lb., Screwed Carbon Steel, Straight Lateral	111.48	29.45
23 21 13 23-1194	EA	1", 3,000 Lb., Screwed Carbon Steel, Straight Lateral	135.37	34.79
23 21 13 23-1195	EA	1-1/4", 3,000 Lb., Screwed Carbon Steel, Straight Lateral	156.68	42.14
23 21 13 23-1196	EA	1-1/2", 3,000 Lb., Screwed Carbon Steel, Straight Lateral	177.94	49.39
23 21 13 23-1197	EA	2", 3,000 Lb., Screwed Carbon Steel, Straight Lateral	221.69	61.25
23 21 13 23-1198	EA	2-1/2", 3,000 Lb., Screwed Carbon Steel, Straight Lateral	410.12	80.61
23 21 13 23-1199	EA	1/2", 3,000 Lb., Screwed Carbon Steel, Straight Lateral	112.33	25.52
23 21 13 23-1200	EA	3/4", 6,000 Lb., Screwed Carbon Steel, Straight Lateral	139.36	29.45
23 21 13 23-1201	EA	1", 6,000 Lb., Screwed Carbon Steel, Straight Lateral	165.19	34.79
23 21 13 23-1202	EA	1-1/4", 6,000 Lb., Screwed Carbon Steel, Straight Lateral	199.01	42.14
23 21 13 23-1203	EA	1-1/2", 6,000 Lb., Screwed Carbon Steel, Straight Lateral	232.76	49.39
23 21 13 23-1204	EA	2", 6,000 Lb., Screwed Carbon Steel, Straight Lateral	297.06	61.32
23 21 13 23-1205	EA	2-1/2", 6,000 Lb., Screwed Carbon Steel, Straight Lateral	578.00	80.61
23 21 13 23-1206		**Crosses, Screwed Carbon Steel** *(23 21 13 23-1085)*		
23 21 13 23-1207	EA	1/4", 2,000 Lb., Screwed Carbon Steel, Cross	54.48	30.59
23 21 13 23-1208	EA	3/8", 2,000 Lb., Screwed Carbon Steel, Cross	58.77	32.50
23 21 13 23-1209	EA	1/2", 2,000 Lb., Screwed Carbon Steel, Cross	63.08	34.48
23 21 13 23-1210	EA	3/4", 2,000 Lb., Screwed Carbon Steel, Cross	67.51	36.71
23 21 13 23-1211	EA	1", 2,000 Lb., Screwed Carbon Steel, Cross	82.70	44.35
23 21 13 23-1212	EA	1-1/4", 2,000 Lb., Screwed Carbon Steel, Cross	107.36	53.17
23 21 13 23-1213	EA	1-1/2", 2,000 Lb., Screwed Carbon Steel, Cross	132.01	62.02
23 21 13 23-1214	EA	2", 2,000 Lb., Screwed Carbon Steel, Cross	167.66	76.56
23 21 13 23-1215	EA	2-1/2", 2,000 Lb., Screwed Carbon Steel, Cross	286.14	112.42
23 21 13 23-1216	EA	1/2", 3,000 Lb., Screwed Carbon Steel, Cross	64.00	34.48
23 21 13 23-1217	EA	3/4", 3,000 Lb., Screwed Carbon Steel, Cross	72.81	36.71
23 21 13 23-1218	EA	1", 3,000 Lb., Screwed Carbon Steel, Cross	87.33	44.35
23 21 13 23-1219	EA	1-1/4", 3,000 Lb., Screwed Carbon Steel, Cross	113.03	53.17
23 21 13 23-1220	EA	1-1/2", 3,000 Lb., Screwed Carbon Steel, Cross	138.69	62.02
23 21 13 23-1221	EA	2", 3,000 Lb., Screwed Carbon Steel, Cross	179.87	76.56
23 21 13 23-1222	EA	2-1/2", 3,000 Lb., Screwed Carbon Steel, Cross	313.34	112.42
23 21 13 23-1223	EA	1/2", 6,000 Lb., Screwed Carbon Steel, Cross	81.26	34.48
23 21 13 23-1224	EA	3/4", 6,000 Lb., Screwed Carbon Steel, Cross	119.91	36.71
23 21 13 23-1225	EA	1", 6,000 Lb., Screwed Carbon Steel, Cross	159.90	44.35
23 21 13 23-1226	EA	1-1/4", 6,000 Lb., Screwed Carbon Steel, Cross	203.27	53.17
23 21 13 23-1227	EA	1-1/2", 6,000 Lb., Screwed Carbon Steel, Cross	246.61	62.02
23 21 13 23-1228	EA	2", 6,000 Lb., Screwed Carbon Steel, Cross	276.90	76.56
23 21 13 23-1229	EA	2-1/2", 6,000 Lb., Screwed Carbon Steel, Cross	529.49	112.42
23 21 13 23-1230		**Straight Couplings, Screwed Carbon Steel** *(23 21 13 23-1085)*		
23 21 13 23-1231	EA	1/4", 2,000 Lb., Screwed Carbon Steel, Straight Coupling	27.94	17.61
23 21 13 23-1232	EA	3/8", 2,000 Lb., Screwed Carbon Steel, Straight Coupling	30.01	19.06
23 21 13 23-1233	EA	1/2", 2,000 Lb., Screwed Carbon Steel, Straight Coupling	32.15	20.42
23 21 13 23-1234	EA	3/4", 2,000 Lb., Screwed Carbon Steel, Straight Coupling	36.39	22.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1235	EA	1", 2,000 Lb., Screwed Carbon Steel, Straight Coupling	41.45	25.52
23 21 13 23-1236	EA	1-1/4", 2,000 Lb., Screwed Carbon Steel, Straight Coupling	49.10	29.05
23 21 13 23-1237	EA	1-1/2", 2,000 Lb., Screwed Carbon Steel, Straight Coupling	56.85	32.58
23 21 13 23-1238	EA	2", 2,000 Lb., Screwed Carbon Steel, Straight Coupling	72.17	41.38
23 21 13 23-1239	EA	2-1/2", 2,000 Lb., Screwed Carbon Steel, Straight Coupling	114.36	61.32
23 21 13 23-1240	EA	1/4", 3,000 Lb., Screwed Carbon Steel, Straight Coupling	29.07	17.61
23 21 13 23-1241	EA	3/8", 3,000 Lb., Screwed Carbon Steel, Straight Coupling	30.96	19.06
23 21 13 23-1242	EA	1/2", 3,000 Lb., Screwed Carbon Steel, Straight Coupling	32.92	20.42
23 21 13 23-1243	EA	3/4", 3,000 Lb., Screwed Carbon Steel, Straight Coupling	37.07	22.86
23 21 13 23-1244	EA	1", 3,000 Lb., Screwed Carbon Steel, Straight Coupling	42.39	25.52
23 21 13 23-1245	EA	1-1/4", 3,000 Lb., Screwed Carbon Steel, Straight Coupling	50.45	29.05
23 21 13 23-1246	EA	1-1/2", 3,000 Lb., Screwed Carbon Steel, Straight Coupling	58.60	32.58
23 21 13 23-1247	EA	2", 3,000 Lb., Screwed Carbon Steel, Straight Coupling	76.70	41.38
23 21 13 23-1248	EA	2-1/2", 3,000 Lb., Screwed Carbon Steel, Straight Coupling	124.45	61.32
23 21 13 23-1249	EA	1/4", 6,000 Lb., Screwed Carbon Steel, Straight Coupling	30.15	17.61
23 21 13 23-1250	EA	3/8", 6,000 Lb., Screwed Carbon Steel, Straight Coupling	31.81	19.06
23 21 13 23-1251	EA	1/2", 6,000 Lb., Screwed Carbon Steel, Straight Coupling	33.55	20.42
23 21 13 23-1252	EA	3/4", 6,000 Lb., Screwed Carbon Steel, Straight Coupling	37.46	22.86
23 21 13 23-1253	EA	1", 6,000 Lb., Screwed Carbon Steel, Straight Coupling	42.88	25.52
23 21 13 23-1254	EA	1-1/4", 6,000 Lb., Screwed Carbon Steel, Straight Coupling	50.90	29.05
23 21 13 23-1255	EA	1-1/2", 6,000 Lb., Screwed Carbon Steel, Straight Coupling	59.04	32.58
23 21 13 23-1256	EA	2", 6,000 Lb., Screwed Carbon Steel, Straight Coupling	80.17	41.38
23 21 13 23-1257	EA	2-1/2", 6,000 Lb., Screwed Carbon Steel, Straight Coupling	132.17	61.32
23 21 13 23-1258		**Reducing Couplings, Screwed Carbon Steel** *(23 21 13 23-1085)*		
23 21 13 23-1259	EA	3/8", 2,000 Lb., Screwed Carbon Steel, Reducing Coupling	30.32	19.06
23 21 13 23-1260	EA	1/2", 2,000 Lb., Screwed Carbon Steel, Reducing Coupling	32.88	20.42
23 21 13 23-1261	EA	3/4", 2,000 Lb., Screwed Carbon Steel, Reducing Coupling	37.50	22.86
23 21 13 23-1262	EA	1", 2,000 Lb., Screwed Carbon Steel, Reducing Coupling	42.99	25.52
23 21 13 23-1263	EA	1-1/4", 2,000 Lb., Screwed Carbon Steel, Reducing Coupling	50.06	29.05
23 21 13 23-1264	EA	1-1/2", 2,000 Lb., Screwed Carbon Steel, Reducing Coupling	57.25	32.58
23 21 13 23-1265	EA	2", 2,000 Lb., Screwed Carbon Steel, Reducing Coupling	74.33	41.38
23 21 13 23-1266	EA	2-1/2", 2,000 Lb., Screwed Carbon Steel, Reducing Coupling	119.16	61.32
23 21 13 23-1267	EA	3/8", 3,000 Lb., Screwed Carbon Steel, Reducing Coupling	30.53	19.06
23 21 13 23-1268	EA	1/2", 3,000 Lb., Screwed Carbon Steel, Reducing Coupling	36.22	20.42
23 21 13 23-1269	EA	3/4", 3,000 Lb., Screwed Carbon Steel, Reducing Coupling	40.82	22.86
23 21 13 23-1270	EA	1", 3,000 Lb., Screwed Carbon Steel, Reducing Coupling	46.97	25.52
23 21 13 23-1271	EA	1-1/4", 3,000 Lb., Screwed Carbon Steel, Reducing Coupling	55.07	29.05
23 21 13 23-1272	EA	1-1/2", 3,000 Lb., Screwed Carbon Steel, Reducing Coupling	63.28	32.58
23 21 13 23-1273	EA	2", 3,000 Lb., Screwed Carbon Steel, Reducing Coupling	83.41	41.38
23 21 13 23-1274	EA	2-1/2", 3,000 Lb., Screwed Carbon Steel, Reducing Coupling	139.39	61.32
23 21 13 23-1275	EA	3/8", 6,000 Lb., Screwed Carbon Steel, Reducing Coupling	58.69	19.06
23 21 13 23-1276	EA	1/2", 6,000 Lb., Screwed Carbon Steel, Reducing Coupling	61.20	20.42
23 21 13 23-1277	EA	3/4", 6,000 Lb., Screwed Carbon Steel, Reducing Coupling	64.86	22.86
23 21 13 23-1278	EA	1", 6,000 Lb., Screwed Carbon Steel, Reducing Coupling	74.88	25.52
23 21 13 23-1279	EA	1-1/4", 6,000 Lb., Screwed Carbon Steel, Reducing Coupling	89.59	29.05
23 21 13 23-1280	EA	1-1/2", 6,000 Lb., Screwed Carbon Steel, Reducing Coupling	104.42	32.58
23 21 13 23-1281	EA	2", 6,000 Lb., Screwed Carbon Steel, Reducing Coupling	145.73	41.38
23 21 13 23-1282	EA	2-1/2", 6,000 Lb., Screwed Carbon Steel, Reducing Coupling	278.21	61.32
23 21 13 23-1283		**Caps, Screwed Carbon Steel** *(23 21 13 23-1085)*		
23 21 13 23-1284	EA	1/4", 2,000 Lb., Screwed Carbon Steel, Cap	13.05	7.83
23 21 13 23-1285	EA	3/8", 2,000 Lb., Screwed Carbon Steel, Cap	14.09	8.50
23 21 13 23-1286	EA	1/2", 2,000 Lb., Screwed Carbon Steel, Cap	15.19	9.19
23 21 13 23-1287	EA	3/4", 2,000 Lb., Screwed Carbon Steel, Cap	17.40	10.29
23 21 13 23-1288	EA	1", 2,000 Lb., Screwed Carbon Steel, Cap	20.26	11.48
23 21 13 23-1289	EA	1-1/4", 2,000 Lb., Screwed Carbon Steel, Cap	23.57	13.10
23 21 13 23-1290	EA	1-1/2", 2,000 Lb., Screwed Carbon Steel, Cap	26.83	14.66
23 21 13 23-1291	EA	2", 2,000 Lb., Screwed Carbon Steel, Cap	35.45	18.62
23 21 13 23-1292	EA	2-1/2", 2,000 Lb., Screwed Carbon Steel, Cap	58.22	27.67
23 21 13 23-1293	EA	1/4", 3,000 Lb., Screwed Carbon Steel, Cap	14.35	7.83
23 21 13 23-1294	EA	3/8", 3,000 Lb., Screwed Carbon Steel, Cap	15.18	8.50
23 21 13 23-1295	EA	1/2", 3,000 Lb., Screwed Carbon Steel, Cap	16.08	9.19
23 21 13 23-1296	EA	3/4", 3,000 Lb., Screwed Carbon Steel, Cap	18.81	10.29
23 21 13 23-1297	EA	1", 3,000 Lb., Screwed Carbon Steel, Cap	21.45	11.48
23 21 13 23-1298	EA	1-1/4", 3,000 Lb., Screwed Carbon Steel, Cap	26.22	13.10
23 21 13 23-1299	EA	1-1/2", 3,000 Lb., Screwed Carbon Steel, Cap	30.94	14.66
23 21 13 23-1300	EA	2", 3,000 Lb., Screwed Carbon Steel, Cap	39.73	18.62
23 21 13 23-1301	EA	2-1/2", 3,000 Lb., Screwed Carbon Steel, Cap	67.77	27.67
23 21 13 23-1302	EA	1/4", 6,000 Lb., Screwed Carbon Steel, Cap	15.71	7.83
23 21 13 23-1303	EA	3/8", 6,000 Lb., Screwed Carbon Steel, Cap	16.27	8.50
23 21 13 23-1304	EA	1/2", 6,000 Lb., Screwed Carbon Steel, Cap	16.89	9.19
23 21 13 23-1305	EA	3/4", 6,000 Lb., Screwed Carbon Steel, Cap	20.17	10.29
23 21 13 23-1306	EA	1", 6,000 Lb., Screwed Carbon Steel, Cap	22.28	11.48
23 21 13 23-1307	EA	1-1/4", 6,000 Lb., Screwed Carbon Steel, Cap	28.70	13.10
23 21 13 23-1308	EA	1-1/2", 6,000 Lb., Screwed Carbon Steel, Cap	35.08	14.66
23 21 13 23-1309	EA	2", 6,000 Lb., Screwed Carbon Steel, Cap	43.48	18.62
23 21 13 23-1310	EA	2-1/2", 6,000 Lb., Screwed Carbon Steel, Cap	76.11	27.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1311		**Nipples, Screwed Carbon Steel** *(23 21 13 23-1085)*		
23 21 13 23-1312	EA	1/4" x 2" Long, Screwed Carbon Steel, Nipple	17.02	10.64
23 21 13 23-1313	EA	3/8" x 2" Long, Screwed Carbon Steel, Nipple	17.23	10.80
23 21 13 23-1314	EA	1/2" x 2" Long, Screwed Carbon Steel, Nipple	17.41	10.94
23 21 13 23-1315	EA	3/4" x 2" Long, Screwed Carbon Steel, Nipple	17.34	10.94
23 21 13 23-1316	EA	1" x 2" Long, Screwed Carbon Steel, Nipple	19.01	11.78
23 21 13 23-1317	EA	1-1/4" x 2" Long, Screwed Carbon Steel, Nipple	20.05	12.29
23 21 13 23-1318	EA	1-1/2" x 2" Long, Screwed Carbon Steel, Nipple	21.17	12.76
23 21 13 23-1319	EA	2" x 2" Long, Screwed Carbon Steel, Nipple	26.22	16.46
23 21 13 23-1320	EA	2-1/2" x 2" Long, Screwed Carbon Steel, Nipple	34.06	20.44
23 21 13 23-1321	EA	1/4" x 4" Long, Screwed Carbon Steel, Nipple	17.53	10.64
23 21 13 23-1322	EA	3/8" x 4" Long, Screwed Carbon Steel, Nipple	17.69	10.80
23 21 13 23-1323	EA	1/2" x 4" Long, Screwed Carbon Steel, Nipple	17.81	10.94
23 21 13 23-1324	EA	3/4" x 4" Long, Screwed Carbon Steel, Nipple	17.80	10.94
23 21 13 23-1325	EA	1" x 4" Long, Screwed Carbon Steel, Nipple	19.63	11.78
23 21 13 23-1326	EA	1-1/4" x 4" Long, Screwed Carbon Steel, Nipple	20.91	12.29
23 21 13 23-1327	EA	1-1/2" x 4" Long, Screwed Carbon Steel, Nipple	22.26	12.76
23 21 13 23-1328	EA	2" x 4" Long, Screwed Carbon Steel, Nipple	27.82	16.46
23 21 13 23-1329	EA	2-1/2" x 4" Long, Screwed Carbon Steel, Nipple	37.62	20.44
23 21 13 23-1330	EA	1/4" x 6" Long, Screwed Carbon Steel, Nipple	18.74	10.64
23 21 13 23-1331	EA	3/8" x 6" Long, Screwed Carbon Steel, Nipple	18.61	10.80
23 21 13 23-1332	EA	1/2" x 6" Long, Screwed Carbon Steel, Nipple	18.45	10.94
23 21 13 23-1333	EA	3/4" x 6" Long, Screwed Carbon Steel, Nipple	18.51	10.94
23 21 13 23-1334	EA	1" x 6" Long, Screwed Carbon Steel, Nipple	20.51	11.78
23 21 13 23-1335	EA	1-1/4" x 6" Long, Screwed Carbon Steel, Nipple	22.10	12.29
23 21 13 23-1336	EA	1-1/2" x 6" Long, Screwed Carbon Steel, Nipple	23.76	12.76
23 21 13 23-1337	EA	2" x 6" Long, Screwed Carbon Steel, Nipple	29.14	16.46
23 21 13 23-1338	EA	2-1/2" x 6" Long, Screwed Carbon Steel, Nipple	40.57	20.44
23 21 13 23-1339		**Unions, Screwed Carbon Steel** *(23 21 13 23-1085)*		
23 21 13 23-1340	EA	1/4", 3,000 Lb., Screwed Carbon Steel, Union	36.24	22.97
23 21 13 23-1341	EA	3/8", 3,000 Lb., Screwed Carbon Steel, Union	37.74	24.23
23 21 13 23-1342	EA	1/2", 3,000 Lb., Screwed Carbon Steel, Union	39.15	25.52
23 21 13 23-1343	EA	3/4", 3,000 Lb., Screwed Carbon Steel, Union	45.05	29.45
23 21 13 23-1344	EA	1", 3,000 Lb., Screwed Carbon Steel, Union	53.49	34.79
23 21 13 23-1345	EA	1-1/4", 3,000 Lb., Screwed Carbon Steel, Union	64.91	42.14
23 21 13 23-1346	EA	1-1/2", 3,000 Lb., Screwed Carbon Steel, Union	76.27	49.39
23 21 13 23-1347	EA	2", 3,000 Lb., Screwed Carbon Steel, Union	94.63	61.25
23 21 13 23-1348	EA	2-1/2", 3,000 Lb., Screwed Carbon Steel, Union	141.78	90.37
23 21 13 23-1349	EA	1/4", 6,000 Lb., Screwed Carbon Steel, Union	47.99	22.97
23 21 13 23-1350	EA	3/8", 6,000 Lb., Screwed Carbon Steel, Union	50.71	24.23
23 21 13 23-1351	EA	1/2", 6,000 Lb., Screwed Carbon Steel, Union	53.35	25.52
23 21 13 23-1352	EA	3/4", 6,000 Lb., Screwed Carbon Steel, Union	62.25	29.45
23 21 13 23-1353	EA	1", 6,000 Lb., Screwed Carbon Steel, Union	74.69	34.79
23 21 13 23-1354	EA	1-1/4", 6,000 Lb., Screwed Carbon Steel, Union	97.17	42.14
23 21 13 23-1355	EA	1-1/2", 6,000 Lb., Screwed Carbon Steel, Union	119.61	49.39
23 21 13 23-1356	EA	2", 6,000 Lb., Screwed Carbon Steel, Union	147.97	61.25
23 21 13 23-1357	EA	2-1/2", 6,000 Lb., Screwed Carbon Steel, Union	260.59	90.37
23 21 13 23-1358		**Flanges, Screwed Carbon Steel** *(23 21 13 23-1085)*		
23 21 13 23-1359	EA	1/2", 150 Lb., Screwed Carbon Steel, Flange	77.41	47.45
23 21 13 23-1360	EA	3/4", 150 Lb., Screwed Carbon Steel, Flange	81.05	49.74
23 21 13 23-1361	EA	1", 150 Lb., Screwed Carbon Steel, Flange	84.29	51.90
23 21 13 23-1362	EA	1-1/4", 150 Lb., Screwed Carbon Steel, Flange	89.35	55.12
23 21 13 23-1363	EA	1-1/2", 150 Lb., Screwed Carbon Steel, Flange	94.33	58.44
23 21 13 23-1364	EA	2", 150 Lb., Screwed Carbon Steel, Flange	98.16	61.00
23 21 13 23-1365	EA	2-1/2", 150 Lb., Screwed Carbon Steel, Flange	176.88	108.06
23 21 13 23-1366	EA	1/2", 300 Lb., Screwed Carbon Steel, Flange	77.80	47.45
		For Blind Flange, Deduct	*-29.79*	
		For Ring Type Joint, Add	*6.64*	
23 21 13 23-1367	EA	3/4", 300 Lb., Screwed Carbon Steel, Flange	81.47	49.74
		For Blind Flange, Deduct	*-31.21*	
		For Ring Type Joint, Add	*6.87*	
23 21 13 23-1368	EA	1", 300 Lb., Screwed Carbon Steel, Flange	84.92	51.90
		For Blind Flange, Deduct	*-32.55*	
		For Ring Type Joint, Add	*7.08*	
23 21 13 23-1369	EA	1-1/4", 300 Lb., Screwed Carbon Steel, Flange	90.43	55.12
23 21 13 23-1370	EA	1-1/2", 300 Lb., Screwed Carbon Steel, Flange	95.86	58.44
		For Blind Flange, Deduct	*-36.70*	
		For Ring Type Joint, Add	*8.20*	
23 21 13 23-1371	EA	2", 300 Lb., Screwed Carbon Steel, Flange	99.69	61.00
		For Blind Flange, Deduct	*-38.24*	
		For Ring Type Joint, Add	*8.20*	
23 21 13 23-1372	EA	2-1/2", 300 Lb., Screwed Carbon Steel, Flange	180.28	108.06
23 21 13 23-1373	EA	1/2", 600 Lb., Screwed Carbon Steel, Flange	80.42	47.45
		For Blind Flange, Deduct	*-30.32*	
		For Ring Type Joint, Add	*9.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1374	EA	3/4", 600 Lb., Screwed Carbon Steel, Flange	83.86	49.74
		For Blind Flange, Deduct	*-31.69*	
		For Ring Type Joint, Add	*9.26*	
23 21 13 23-1375	EA	1", 600 Lb., Screwed Carbon Steel, Flange	87.52	51.90
		For Blind Flange, Deduct	*-33.07*	
		For Ring Type Joint, Add	*9.68*	
23 21 13 23-1376	EA	1-1/4", 600 Lb., Screwed Carbon Steel, Flange	93.34	55.12
23 21 13 23-1377	EA	1-1/2", 600 Lb., Screwed Carbon Steel, Flange	99.07	58.44
		For Blind Flange, Deduct	*-37.35*	
		For Ring Type Joint, Add	*11.41*	
23 21 13 23-1378	EA	2", 600 Lb., Screwed Carbon Steel, Flange	102.11	61.00
		For Blind Flange, Deduct	*-38.72*	
		For Ring Type Joint, Add	*10.62*	
23 21 13 23-1379	EA	2-1/2", 600 Lb., Screwed Carbon Steel, Flange	185.68	108.06

23 21 13 23-1380 Square Head Plugs, Screwed Carbon Steel *(23 21 13 23-1085)*

23 21 13 23-1381	EA	1/4", Screwed Carbon Steel, Square Head Plug	10.17	4.79
23 21 13 23-1382	EA	3/8", Screwed Carbon Steel, Square Head Plug	11.56	7.23
23 21 13 23-1383	EA	1/2", Screwed Carbon Steel, Square Head Plug	12.19	5.74
23 21 13 23-1384	EA	3/4", Screwed Carbon Steel, Square Head Plug	13.94	6.53
23 21 13 23-1385	EA	1", Screwed Carbon Steel, Square Head Plug	16.58	10.22
23 21 13 23-1386	EA	1-1/4", Screwed Carbon Steel, Square Head Plug	19.50	11.59
23 21 13 23-1387	EA	1-1/2", Screwed Carbon Steel, Square Head Plug	22.35	13.10
23 21 13 23-1388	EA	2", Screwed Carbon Steel, Square Head Plug	29.63	16.53
23 21 13 23-1389	EA	2-1/2", Screwed Carbon Steel, Square Head Plug	47.15	24.46

23 21 13 23-1390 Hex Head Plugs, Screwed Carbon Steel *(23 21 13 23-1085)*

23 21 13 23-1391	EA	1/4", Screwed Carbon Steel, Hex Head Plug	10.01	4.79
23 21 13 23-1392	EA	3/8", Screwed Carbon Steel, Hex Head Plug	11.42	7.23
23 21 13 23-1393	EA	1/2", Screwed Carbon Steel, Hex Head Plug	12.05	5.74
23 21 13 23-1394	EA	3/4", Screwed Carbon Steel, Hex Head Plug	13.85	6.53
23 21 13 23-1395	EA	1", Screwed Carbon Steel, Hex Head Plug	16.50	10.22
23 21 13 23-1396	EA	1-1/4", Screwed Carbon Steel, Hex Head Plug	19.29	11.59
23 21 13 23-1397	EA	1-1/2", Screwed Carbon Steel, Hex Head Plug	22.01	13.10
23 21 13 23-1398	EA	2", Screwed Carbon Steel, Hex Head Plug	29.87	16.53
23 21 13 23-1399	EA	2-1/2", Screwed Carbon Steel, Hex Head Plug	47.69	24.46

23 21 13 23-1400 Round Head Plugs, Screwed Carbon Steel *(23 21 13 23-1085)*

23 21 13 23-1401	EA	1/4", Screwed Carbon Steel, Roud Head Plug	10.51	4.79
23 21 13 23-1402	EA	3/8", Screwed Carbon Steel, Round Head Plug	11.75	7.23
23 21 13 23-1403	EA	1/2", Screwed Carbon Steel, Roud Head Plug	12.21	5.74
23 21 13 23-1404	EA	3/4", Screwed Carbon Steel, Roud Head Plug	13.87	6.53
23 21 13 23-1405	EA	1", Screwed Carbon Steel, Roud Head Plug	16.63	10.22
23 21 13 23-1406	EA	1-1/4", Screwed Carbon Steel, Round Head Plug	19.74	11.59
23 21 13 23-1407	EA	1-1/2", Screwed Carbon Steel, Roud Head Plug	22.78	13.10
23 21 13 23-1408	EA	2", Screwed Carbon Steel, Roud Head Plug	29.78	16.53
23 21 13 23-1409	EA	2-1/2", Screwed Carbon Steel, Round Head Plug	47.48	24.46

23 21 13 23-1410 Hexagon Bushings, Screwed Carbon Steel *(23 21 13 23-1085)*

23 21 13 23-1411	EA	1/4", Screwed Carbon Steel, Hex Bushing	10.13	4.79
23 21 13 23-1412	EA	3/8", Screwed Carbon Steel, Hex Bushing	11.47	7.23
23 21 13 23-1413	EA	1/2", Screwed Carbon Steel, Hex Bushing	12.04	5.74
23 21 13 23-1414	EA	3/4", Screwed Carbon Steel, Hex Bushing	13.81	6.53
23 21 13 23-1415	EA	1", Screwed Carbon Steel, Hex Bushing	16.60	10.22
23 21 13 23-1416	EA	1-1/4", Screwed Carbon Steel, Hex Bushing	19.33	11.59
23 21 13 23-1417	EA	1-1/2", Screwed Carbon Steel, Hex Bushing	21.98	13.10
23 21 13 23-1418	EA	2", Screwed Carbon Steel, Hex Bushing	29.51	16.53
23 21 13 23-1419	EA	2-1/2", Screwed Carbon Steel, Hex Bushing	46.89	24.46

23 21 13 23-1420 Grooved-Joint Pipe *(23 21 13 23)*

Note: Includes grooving of pipe. Excludes hangers, elbow, tee, reducer fitting or couplings.

23 21 13 23-1421 Schedule 10 Black Grooved Pipe *(23 21 13 23-1420)*

23 21 13 23-1422	LF	2" Black Schedule 10 Grooved Pipe	30.11	14.58
		For Work In Restricted Working Space, Add	*6.54*	
23 21 13 23-1423	LF	2-1/2" Black Schedule 10 Grooved Pipe	40.73	19.97
		For Work In Restricted Working Space, Add	*8.99*	
23 21 13 23-1424	LF	3" Black Schedule 10 Grooved Pipe	45.65	22.15
		For Work In Restricted Working Space, Add	*9.97*	
23 21 13 23-1425	LF	3-1/2" Black Schedule 10 Grooved Pipe	50.39	22.96
		For Work In Restricted Working Space, Add	*10.34*	
23 21 13 23-1426	LF	4" Black Schedule 10 Grooved Pipe	53.63	24.91
		For Work In Restricted Working Space, Add	*11.19*	
23 21 13 23-1427	LF	5" Black Schedule 10 Grooved Pipe	74.39	30.53
		For Work In Restricted Working Space, Add	*13.71*	
23 21 13 23-1428	LF	6" Black Schedule 10 Grooved Pipe	97.08	43.39
		For Work In Restricted Working Space, Add	*19.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1429	LF	8" Black Schedule 10 Grooved Pipe	129.58	48.66
		For Work In Restricted Working Space, Add	*21.87*	
23 21 13 23-1430	LF	10" Black Schedule 10 Grooved Pipe	161.78	58.65
		For Work In Restricted Working Space, Add	*26.37*	
23 21 13 23-1431	LF	12" Black Schedule 10 Grooved Pipe	186.29	66.45
		For Work In Restricted Working Space, Add	*29.89*	
23 21 13 23-1432		**Schedule 40 Black Grooved Pipe** *(23 21 13 23-1420)*		
23 21 13 23-1433	LF	3/4" Black Schedule 40 Grooved Pipe	18.08	8.84
		For Work In Restricted Working Space, Add	*3.96*	
23 21 13 23-1434	LF	1" Black Schedule 40 Grooved Pipe	20.41	9.99
		For Work In Restricted Working Space, Add	*4.46*	
23 21 13 23-1435	LF	1-1/4" Black Schedule 40 Grooved Pipe	23.07	10.79
		For Work In Restricted Working Space, Add	*4.85*	
23 21 13 23-1436	LF	1-1/2" Black Schedule 40 Grooved Pipe	26.24	12.28
		For Work In Restricted Working Space, Add	*5.51*	
23 21 13 23-1437	LF	2" Black Schedule 40 Grooved Pipe	33.13	15.61
		For Work In Restricted Working Space, Add	*7.03*	
23 21 13 23-1438	LF	2-1/2" Black Schedule 40 Grooved Pipe	46.02	21.35
		For Work In Restricted Working Space, Add	*9.62*	
23 21 13 23-1439	LF	3" Black Schedule 40 Grooved Pipe	54.07	24.34
		For Work In Restricted Working Space, Add	*10.97*	
23 21 13 23-1440	LF	4" Black Schedule 40 Grooved Pipe	65.53	27.08
		For Work In Restricted Working Space, Add	*12.19*	
23 21 13 23-1441	LF	5" Black Schedule 40 Grooved Pipe	88.96	32.94
		For Work In Restricted Working Space, Add	*14.82*	
23 21 13 23-1442	LF	6" Black Schedule 40 Grooved Pipe	120.57	47.51
		For Work In Restricted Working Space, Add	*21.35*	
23 21 13 23-1443	LF	8" Black Schedule 40 Grooved Pipe	157.43	53.83
		For Work In Restricted Working Space, Add	*24.23*	
23 21 13 23-1444	LF	10" Black Schedule 40 Grooved Pipe	214.13	64.28
		For Work In Restricted Working Space, Add	*28.93*	
23 21 13 23-1445	LF	12" Black Schedule 40 Grooved Pipe	251.68	73.80
		For Work In Restricted Working Space, Add	*33.21*	
23 21 13 23-1446		**Schedule 80 Black Grooved Pipe** *(23 21 13 23-1420)*		
23 21 13 23-1447	LF	3/4" Black Schedule 80 Grooved Pipe	19.80	9.65
		For Work In Restricted Working Space, Add	*4.33*	
23 21 13 23-1448	LF	1" Black Schedule 80 Grooved Pipe	21.86	10.22
		For Work In Restricted Working Space, Add	*4.61*	
23 21 13 23-1449	LF	1-1/4" Black Schedule 80 Grooved Pipe	25.47	11.37
		For Work In Restricted Working Space, Add	*5.12*	
23 21 13 23-1450	LF	1-1/2" Black Schedule 80 Grooved Pipe	28.95	12.74
		For Work In Restricted Working Space, Add	*5.74*	
23 21 13 23-1451	LF	2" Black Schedule 80 Grooved Pipe	37.43	16.41
		For Work In Restricted Working Space, Add	*7.40*	
23 21 13 23-1452	LF	2-1/2" Black Schedule 80 Grooved Pipe	52.54	22.61
		For Work In Restricted Working Space, Add	*10.15*	
23 21 13 23-1453	LF	3" Black Schedule 80 Grooved Pipe	62.23	25.36
		For Work In Restricted Working Space, Add	*11.42*	
23 21 13 23-1454	LF	4" Black Schedule 80 Grooved Pipe	76.95	27.66
		For Work In Restricted Working Space, Add	*12.46*	
23 21 13 23-1455	LF	5" Black Schedule 80 Grooved Pipe	115.37	34.78
		For Work In Restricted Working Space, Add	*15.67*	
23 21 13 23-1456	LF	6" Black Schedule 80 Grooved Pipe	151.50	49.81
		For Work In Restricted Working Space, Add	*22.42*	
23 21 13 23-1457	LF	8" Black Schedule 80 Grooved Pipe	221.61	56.93
		For Work In Restricted Working Space, Add	*25.62*	
23 21 13 23-1458	LF	10" Black Schedule 80 Grooved Pipe	275.19	68.75
		For Work In Restricted Working Space, Add	*30.92*	
23 21 13 23-1459	LF	12" Black Schedule 80 Grooved Pipe	292.95	83.10
		For Work In Restricted Working Space, Add	*37.36*	
23 21 13 23-1460		**Schedule 40 Galvanized Grooved Pipe** *(23 21 13 23-1420)*		
23 21 13 23-1461	LF	3/4" Galvanized Schedule 40 Grooved Pipe	20.60	8.84
		For Work In Restricted Working Space, Add	*3.96*	
23 21 13 23-1462	LF	1" Galvanized Schedule 40 Grooved Pipe	23.93	9.99
		For Work In Restricted Working Space, Add	*4.46*	
23 21 13 23-1463	LF	1-1/4" Galvanized Schedule 40 Grooved Pipe	26.74	10.79
		For Work In Restricted Working Space, Add	*4.85*	
23 21 13 23-1464	LF	1-1/2" Galvanized Schedule 40 Grooved Pipe	30.44	12.28
		For Work In Restricted Working Space, Add	*5.51*	
23 21 13 23-1465	LF	2" Galvanized Schedule 40 Grooved Pipe	38.47	15.61
		For Work In Restricted Working Space, Add	*7.03*	
23 21 13 23-1466	LF	2-1/2" Galvanized Schedule 40 Grooved Pipe	53.98	21.35
		For Work In Restricted Working Space, Add	*9.62*	
23 21 13 23-1467	LF	3" Galvanized Schedule 40 Grooved Pipe	64.30	24.34
		For Work In Restricted Working Space, Add	*10.97*	
23 21 13 23-1468	LF	4" Galvanized Schedule 40 Grooved Pipe	80.04	27.08
		For Work In Restricted Working Space, Add	*12.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1469	LF	5" Galvanized Schedule 40 Grooved Pipe	113.57	32.94
		For Work In Restricted Working Space, Add	*14.82*	
23 21 13 23-1470	LF	6" Galvanized Schedule 40 Grooved Pipe	152.47	47.51
		For Work In Restricted Working Space, Add	*21.35*	
23 21 13 23-1471	LF	8" Galvanized Schedule 40 Grooved Pipe	204.52	53.83
		For Work In Restricted Working Space, Add	*24.23*	
23 21 13 23-1472	LF	10" Galvanized Schedule 40 Grooved Pipe	290.87	64.28
		For Work In Restricted Working Space, Add	*28.93*	
23 21 13 23-1473	LF	12" Galvanized Schedule 40 Grooved Pipe	344.04	73.80
		For Work In Restricted Working Space, Add	*33.21*	

23 21 13 23-1474 Schedule 80 Galvanized Grooved Pipe *(23 21 13 23-1420)*

23 21 13 23-1475	LF	3/4" Galvanized Schedule 80 Grooved Pipe	22.09	9.65
		For Work In Restricted Working Space, Add	*4.33*	
23 21 13 23-1476	LF	1" Galvanized Schedule 80 Grooved Pipe	29.29	10.22
		For Work In Restricted Working Space, Add	*4.61*	
23 21 13 23-1477	LF	1-1/4" Galvanized Schedule 80 Grooved Pipe	29.40	11.37
		For Work In Restricted Working Space, Add	*5.12*	
23 21 13 23-1478	LF	1-1/2" Galvanized Schedule 80 Grooved Pipe	38.72	13.54
		For Work In Restricted Working Space, Add	*6.12*	
23 21 13 23-1479	LF	2" Galvanized Schedule 80 Grooved Pipe	43.56	16.41
		For Work In Restricted Working Space, Add	*7.40*	
23 21 13 23-1480	LF	2-1/2" Galvanized Schedule 80 Grooved Pipe	61.81	22.61
		For Work In Restricted Working Space, Add	*10.15*	
23 21 13 23-1481	LF	3" Galvanized Schedule 80 Grooved Pipe	74.74	25.36
		For Work In Restricted Working Space, Add	*11.42*	
23 21 13 23-1482	LF	4" Galvanized Schedule 80 Grooved Pipe	95.00	27.66
		For Work In Restricted Working Space, Add	*12.46*	
23 21 13 23-1483	LF	5" Galvanized Schedule 80 Grooved Pipe	144.55	34.78
		For Work In Restricted Working Space, Add	*15.67*	
23 21 13 23-1484	LF	6" Galvanized Schedule 80 Grooved Pipe	186.34	49.81
		For Work In Restricted Working Space, Add	*22.42*	
23 21 13 23-1485	LF	8" Galvanized Schedule 80 Grooved Pipe	282.46	56.93
		For Work In Restricted Working Space, Add	*25.62*	
23 21 13 23-1486	LF	10" Galvanized Schedule 80 Grooved Pipe	335.94	68.75
		For Work In Restricted Working Space, Add	*30.92*	
23 21 13 23-1487	LF	12" Galvanized Schedule 80 Grooved Pipe	367.07	83.10
		For Work In Restricted Working Space, Add	*37.36*	

23 21 13 23-1488 Painted Grooved-Joint Pipe Fittings *(23 21 13 23)*

Note: Couplings are not included with fittings.

23 21 13 23-1489 Grooved Elbows *(23 21 13 23-1488)*

23 21 13 23-1490 90 Degree Grooved Elbows *(23 21 13 23-1489)*

Note: Victaulic No. 10

23 21 13 23-1491	EA	3/4", Ductile Iron, Grooved 90 Degree Elbow	83.33	12.52
		For Work In Restricted Working Space, Add	*5.63*	
		For Galvanized Fittings, Add	*21.31*	
23 21 13 23-1492	EA	1", Ductile Iron, Grooved 90 Degree Elbow	83.33	12.52
		For Work In Restricted Working Space, Add	*5.63*	
		For Galvanized Fittings, Add	*21.31*	
23 21 13 23-1493	EA	1-1/4", Ductile Iron, Grooved 90 Degree Elbow	88.01	15.61
		For Work In Restricted Working Space, Add	*7.03*	
		For Galvanized Fittings, Add	*21.31*	
23 21 13 23-1494	EA	1-1/2", Ductile Iron, Grooved 90 Degree Elbow	92.98	18.94
		For Work In Restricted Working Space, Add	*8.52*	
		For Galvanized Fittings, Add	*21.31*	
23 21 13 23-1495	EA	2", Ductile Iron, Grooved 90 Degree Elbow	102.08	25.02
		For Work In Restricted Working Space, Add	*11.25*	
		For Galvanized Fittings, Add	*21.31*	
23 21 13 23-1496	EA	2-1/2", Ductile Iron, Grooved 90 Degree Elbow	110.26	30.53
		For Work In Restricted Working Space, Add	*13.71*	
		For Galvanized Fittings, Add	*21.31*	
23 21 13 23-1497	EA	3", Ductile Iron, Grooved 90 Degree Elbow	170.09	36.96
		For Work In Restricted Working Space, Add	*16.61*	
		For Galvanized Fittings, Add	*37.85*	
23 21 13 23-1498	EA	4", Ductile Iron, Grooved 90 Degree Elbow	198.05	48.78
		For Work In Restricted Working Space, Add	*21.93*	
		For Galvanized Fittings, Add	*41.23*	
23 21 13 23-1499	EA	5", Ductile Iron, Grooved 90 Degree Elbow	395.51	60.94
		For Work In Restricted Working Space, Add	*27.41*	
		For Galvanized Fittings, Add	*100.36*	
23 21 13 23-1500	EA	6", Ductile Iron, Grooved 90 Degree Elbow	473.00	79.76
		For Work In Restricted Working Space, Add	*35.87*	
		For Galvanized Fittings, Add	*116.64*	
23 21 13 23-1501	EA	8", Ductile Iron, Grooved 90 Degree Elbow	886.22	94.92
		For Work In Restricted Working Space, Add	*42.70*	
		For Galvanized Fittings, Add	*245.48*	
23 21 13 23-1502	EA	10", Ductile Iron, Grooved 90 Degree Elbow	1,325.03	110.75
		For Work In Restricted Working Space, Add	*49.82*	
		For Galvanized Fittings, Add	*382.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1503	EA	12", Ductile Iron, Grooved 90 Degree Elbow	2,056.92	132.90
		For Work In Restricted Working Space, Add	*59.78*	
		For Galvanized Fittings, Add	*613.03*	

23 21 13 23-1504 45 Degree Grooved Elbows *(23 21 13 23-1489)*

Note: Victaulic No. 11

23 21 13 23-1505	EA	3/4", Ductile Iron, Grooved 45 Degree Elbow	83.29	12.52
		For Galvanized Fittings, Add	*15.49*	
		For Work In Restricted Working Space, Add	*5.63*	
23 21 13 23-1506	EA	1", Ductile Iron, Grooved 45 Degree Elbow	83.29	12.52
		For Galvanized Fittings, Add	*15.49*	
		For Work In Restricted Working Space, Add	*5.63*	
23 21 13 23-1507	EA	1-1/4", Ductile Iron, Grooved 45 Degree Elbow	87.97	15.61
		For Galvanized Fittings, Add	*15.49*	
		For Work In Restricted Working Space, Add	*7.03*	
23 21 13 23-1508	EA	1-1/2", Ductile Iron, Grooved 45 Degree Elbow	92.94	18.94
		For Galvanized Fittings, Add	*15.49*	
		For Work In Restricted Working Space, Add	*8.52*	
23 21 13 23-1509	EA	2", Ductile Iron, Grooved 45 Degree Elbow	102.04	25.02
		For Galvanized Fittings, Add	*15.49*	
		For Work In Restricted Working Space, Add	*11.25*	
23 21 13 23-1510	EA	2-1/2", Ductile Iron, Grooved 45 Degree Elbow	110.22	30.53
		For Galvanized Fittings, Add	*15.49*	
		For Work In Restricted Working Space, Add	*13.71*	
23 21 13 23-1511	EA	3", Ductile Iron, Grooved 45 Degree Elbow	170.05	36.96
		For Galvanized Fittings, Add	*27.52*	
		For Work In Restricted Working Space, Add	*16.61*	
23 21 13 23-1512	EA	4", Ductile Iron, Grooved 45 Degree Elbow	198.05	48.78
		For Galvanized Fittings, Add	*29.99*	
		For Work In Restricted Working Space, Add	*21.93*	
23 21 13 23-1513	EA	5", Ductile Iron, Grooved 45 Degree Elbow	395.51	60.94
		For Galvanized Fittings, Add	*72.99*	
		For Work In Restricted Working Space, Add	*27.41*	
23 21 13 23-1514	EA	6", Ductile Iron, Grooved 45 Degree Elbow	473.00	79.76
		For Galvanized Fittings, Add	*84.83*	
		For Work In Restricted Working Space, Add	*35.87*	
23 21 13 23-1515	EA	8", Ductile Iron, Grooved 45 Degree Elbow	886.22	94.92
		For Galvanized Fittings, Add	*178.53*	
		For Work In Restricted Working Space, Add	*42.70*	
23 21 13 23-1516	EA	10", Ductile Iron, Grooved 45 Degree Elbow	1,325.03	110.75
		For Galvanized Fittings, Add	*278.16*	
		For Work In Restricted Working Space, Add	*49.82*	
23 21 13 23-1517	EA	12", Ductile Iron, Grooved 45 Degree Elbow	2,056.92	132.90
		For Galvanized Fittings, Add	*445.84*	
		For Work In Restricted Working Space, Add	*59.78*	

23 21 13 23-1518 22-1/2 Degree Grooved Elbows *(23 21 13 23-1489)*

Note: Victaulic No. 12

23 21 13 23-1519	EA	1", Ductile Iron, Grooved 22-1/2 Degree Elbow	87.53	12.52
		For Work In Restricted Working Space, Add	*5.63*	
		For Galvanized Fittings, Add	*16.50*	
23 21 13 23-1520	EA	1-1/4", Ductile Iron, Grooved 22-1/2 Degree Elbow	92.21	15.61
		For Work In Restricted Working Space, Add	*7.03*	
		For Galvanized Fittings, Add	*16.50*	
23 21 13 23-1521	EA	1-1/2", Ductile Iron, Grooved 22-1/2 Degree Elbow	97.18	18.94
		For Work In Restricted Working Space, Add	*8.52*	
		For Galvanized Fittings, Add	*16.50*	
23 21 13 23-1522	EA	2", Ductile Iron, Grooved 22-1/2 Degree Elbow	106.28	25.02
		For Work In Restricted Working Space, Add	*11.25*	
		For Galvanized Fittings, Add	*16.50*	
23 21 13 23-1523	EA	2-1/2", Ductile Iron, Grooved 22-1/2 Degree Elbow	114.46	30.53
		For Work In Restricted Working Space, Add	*13.71*	
		For Galvanized Fittings, Add	*16.50*	
23 21 13 23-1524	EA	3", Ductile Iron, Grooved 22-1/2 Degree Elbow	155.97	36.96
		For Work In Restricted Working Space, Add	*16.61*	
		For Galvanized Fittings, Add	*24.14*	
23 21 13 23-1525	EA	4", Ductile Iron, Grooved 22-1/2 Degree Elbow	207.99	48.78
		For Work In Restricted Working Space, Add	*21.93*	
		For Galvanized Fittings, Add	*32.37*	
23 21 13 23-1526	EA	5", Ductile Iron, Grooved 22-1/2 Degree Elbow	509.66	60.94
		For Work In Restricted Working Space, Add	*27.41*	
		For Galvanized Fittings, Add	*100.39*	
23 21 13 23-1527	EA	6", Ductile Iron, Grooved 22-1/2 Degree Elbow	501.66	79.76
		For Work In Restricted Working Space, Add	*35.87*	
		For Galvanized Fittings, Add	*91.71*	
23 21 13 23-1528	EA	8", Ductile Iron, Grooved 22-1/2 Degree Elbow	941.83	94.92
		For Work In Restricted Working Space, Add	*42.70*	
		For Galvanized Fittings, Add	*191.88*	
23 21 13 23-1529	EA	10", Steel, Grooved 22-1/2 Degree Elbow	1,263.66	110.75
		For Work In Restricted Working Space, Add	*49.82*	
		For Galvanized Fittings, Add	*263.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1530	EA	12", Steel, Grooved 22-1/2 Degree Elbow	1,683.13	132.90
		For Work In Restricted Working Space, Add	*59.78*	
		For Galvanized Fittings, Add	*356.13*	
23 21 13 23-1531		**11-1/4 Degree Grooved Elbows** *(23 21 13 23-1489)*		
		Note: Victaulic No. 13		
23 21 13 23-1532	EA	1", Ductile Iron, Grooved 11-1/4 Degree Elbow	87.54	12.52
		For Work In Restricted Working Space, Add	*5.63*	
		For Galvanized Fittings, Add	*16.51*	
23 21 13 23-1533	EA	1-1/4", Ductile Iron, Grooved 11-1/4 Degree Elbow	92.22	15.61
		For Work In Restricted Working Space, Add	*7.03*	
		For Galvanized Fittings, Add	*16.51*	
23 21 13 23-1534	EA	1-1/2", Ductile Iron, Grooved 11-1/4 Degree Elbow	97.19	18.94
		For Work In Restricted Working Space, Add	*8.52*	
		For Galvanized Fittings, Add	*16.51*	
23 21 13 23-1535	EA	2", Ductile Iron, Grooved 11-1/4 Degree Elbow	106.29	25.02
		For Work In Restricted Working Space, Add	*11.25*	
		For Galvanized Fittings, Add	*16.51*	
23 21 13 23-1536	EA	2-1/2", Ductile Iron, Grooved 11-1/4 Degree Elbow	114.47	30.53
		For Work In Restricted Working Space, Add	*13.71*	
		For Galvanized Fittings, Add	*16.51*	
23 21 13 23-1537	EA	3", Ductile Iron, Grooved 11-1/4 Degree Elbow	155.96	36.96
		For Work In Restricted Working Space, Add	*16.61*	
		For Galvanized Fittings, Add	*24.14*	
23 21 13 23-1538	EA	4", Ductile Iron, Grooved 11-1/4 Degree Elbow	207.98	48.78
		For Work In Restricted Working Space, Add	*21.93*	
		For Galvanized Fittings, Add	*32.37*	
23 21 13 23-1539	EA	5", Ductile Iron, Grooved 11-1/4 Degree Elbow	509.63	60.94
		For Work In Restricted Working Space, Add	*27.41*	
		For Galvanized Fittings, Add	*100.38*	
23 21 13 23-1540	EA	6", Ductile Iron, Grooved 11-1/4 Degree Elbow	501.64	79.76
		For Work In Restricted Working Space, Add	*35.87*	
		For Galvanized Fittings, Add	*91.70*	
23 21 13 23-1541	EA	8", Ductile Iron, Grooved 11-1/4 Degree Elbow	941.78	94.92
		For Work In Restricted Working Space, Add	*42.70*	
		For Galvanized Fittings, Add	*191.87*	
23 21 13 23-1542	EA	10", Steel, Grooved 11-1/4 Degree Elbow	1,263.60	110.75
		For Work In Restricted Working Space, Add	*49.82*	
		For Galvanized Fittings, Add	*263.41*	
23 21 13 23-1543	EA	12", Steel, Grooved 11-1/4 Degree Elbow	1,683.05	132.90
		For Work In Restricted Working Space, Add	*59.78*	
		For Galvanized Fittings, Add	*356.11*	
23 21 13 23-1544		**90 Degree Grooved Long Radius Elbows** *(23 21 13 23-1489)*		
		Note: Victaulic No. 100		
23 21 13 23-1545	EA	2", Ductile Iron, Grooved 90 Degree Long Radius Elbow	185.13	25.02
		For Work In Restricted Working Space, Add	*11.25*	
		For Galvanized Fittings, Add	*35.43*	
23 21 13 23-1546	EA	2-1/2", Ductile Iron, Grooved 90 Degree Long Radius Elbow	474.03	30.53
		For Work In Restricted Working Space, Add	*13.71*	
		For Galvanized Fittings, Add	*102.80*	
23 21 13 23-1547	EA	3", Ductile Iron, Grooved 90 Degree Long Radius Elbow	203.00	36.96
		For Work In Restricted Working Space, Add	*16.61*	
		For Galvanized Fittings, Add	*35.43*	
23 21 13 23-1548	EA	4", Ductile Iron, Grooved 90 Degree Long Radius Elbow	294.25	48.78
		For Work In Restricted Working Space, Add	*21.93*	
		For Galvanized Fittings, Add	*53.07*	
23 21 13 23-1549	EA	5", Ductile Iron, Grooved 90 Degree Long Radius Elbow	1,224.84	60.94
		For Work In Restricted Working Space, Add	*27.41*	
		For Galvanized Fittings, Add	*272.03*	
23 21 13 23-1550	EA	6", Ductile Iron, Grooved 90 Degree Long Radius Elbow	766.46	79.76
		For Work In Restricted Working Space, Add	*35.87*	
		For Galvanized Fittings, Add	*155.26*	
23 21 13 23-1551	EA	8", Ductile Iron, Grooved, 90 Degree Long Radius Elbow	1,694.05	94.92
		For Work In Restricted Working Space, Add	*42.70*	
		For Galvanized Fittings, Add	*372.41*	
23 21 13 23-1552	EA	10", Ductile Iron, Grooved 90 Degree Long Radius Elbow	3,383.42	110.75
		For Work In Restricted Working Space, Add	*49.82*	
		For Galvanized Fittings, Add	*772.17*	
23 21 13 23-1553	EA	12", Ductile Iron, Grooved 90 Degree Long Radius Elbow	4,035.97	132.90
		For Work In Restricted Working Space, Add	*59.78*	
		For Galvanized Fittings, Add	*920.81*	
23 21 13 23-1554		**Grooved Tees, Wyes And Crosses** *(23 21 13 23-1488)*		
23 21 13 23-1555		**Grooved Tees** *(23 21 13 23-1554)*		
		Note: Victaulic No. 20		
23 21 13 23-1556	EA	3/4", Ductile Iron, Grooved Tee	123.35	16.41
		For Work In Restricted Working Space, Add	*7.40*	
		For Galvanized Fittings, Add	*29.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1557	EA	1", Ductile Iron, Grooved Tee	127.08	18.94
		For Work In Restricted Working Space, Add	*8.52*	
		For Galvanized Fittings, Add	*29.60*	
23 21 13 23-1558	EA	1-1/4", Ductile Iron, Grooved Tee	133.40	23.19
		For Work In Restricted Working Space, Add	*10.42*	
		For Galvanized Fittings, Add	*29.60*	
23 21 13 23-1559	EA	1-1/2", Ductile Iron, Grooved Tee	141.29	28.46
		For Work In Restricted Working Space, Add	*12.79*	
		For Galvanized Fittings, Add	*29.60*	
23 21 13 23-1560	EA	2", Ductile Iron, Grooved Tee	153.83	36.84
		For Work In Restricted Working Space, Add	*16.55*	
		For Galvanized Fittings, Add	*29.60*	
23 21 13 23-1561	EA	2-1/2", Ductile Iron, Grooved Tee	166.36	45.11
		For Work In Restricted Working Space, Add	*20.31*	
		For Galvanized Fittings, Add	*29.60*	
23 21 13 23-1562	EA	3", Ductile Iron, Grooved Tee	221.29	55.44
		For Work In Restricted Working Space, Add	*24.92*	
		For Galvanized Fittings, Add	*41.47*	
23 21 13 23-1563	EA	4", Ductile Iron, Grooved Tee	319.52	71.73
		For Work In Restricted Working Space, Add	*32.25*	
		For Galvanized Fittings, Add	*63.61*	
23 21 13 23-1564	EA	5", Ductile Iron, Grooved Tee	638.02	93.77
		For Work In Restricted Working Space, Add	*42.18*	
		For Galvanized Fittings, Add	*149.23*	
23 21 13 23-1565	EA	6", Ductile Iron, Grooved Tee	750.71	117.30
		For Work In Restricted Working Space, Add	*52.75*	
		For Galvanized Fittings, Add	*172.47*	
23 21 13 23-1566	EA	8", Ductile Iron, Grooved Tee	1,469.28	142.43
		For Work In Restricted Working Space, Add	*64.05*	
		For Galvanized Fittings, Add	*376.74*	
23 21 13 23-1567	EA	10", Ductile Iron, Grooved Tee	2,491.56	166.08
		For Work In Restricted Working Space, Add	*74.72*	
		For Galvanized Fittings, Add	*672.75*	
23 21 13 23-1568	EA	12", Ductile Iron, Grooved Tee	3,438.37	199.36
		For Work In Restricted Working Space, Add	*89.66*	
		For Galvanized Fittings, Add	*941.85*	

23 21 13 23-1569 Grooved Wyes (90 Degree True Wye) *(23 21 13 23-1554)*

Note: Victaulic No. 33

23 21 13 23-1570	EA	1", Steel, Grooved Wye	444.73	18.94
		For Work In Restricted Working Space, Add	*8.52*	
		For Galvanized Fittings, Add	*66.61*	
23 21 13 23-1571	EA	1-1/4", Steel, Grooved Wye	451.05	23.19
		For Work In Restricted Working Space, Add	*10.42*	
		For Galvanized Fittings, Add	*66.61*	
23 21 13 23-1572	EA	1-1/2", Steel, Grooved Wye	458.94	28.46
		For Work In Restricted Working Space, Add	*12.79*	
		For Galvanized Fittings, Add	*66.61*	
23 21 13 23-1573	EA	2", Steel, Grooved Wye	471.48	36.84
		For Work In Restricted Working Space, Add	*16.55*	
		For Galvanized Fittings, Add	*66.61*	
23 21 13 23-1574	EA	2-1/2", Steel, Grooved Wye	484.01	45.11
		For Work In Restricted Working Space, Add	*20.31*	
		For Galvanized Fittings, Add	*66.61*	
23 21 13 23-1575	EA	3", Steel, Grooved Wye	580.71	55.44
		For Work In Restricted Working Space, Add	*24.92*	
		For Galvanized Fittings, Add	*79.62*	
23 21 13 23-1576	EA	4", Steel, Grooved Wye	759.32	71.73
		For Work In Restricted Working Space, Add	*32.25*	
		For Galvanized Fittings, Add	*104.29*	
23 21 13 23-1577	EA	5", Steel, Grooved Wye	1,074.88	93.77
		For Work In Restricted Working Space, Add	*42.18*	
		For Galvanized Fittings, Add	*149.49*	
23 21 13 23-1578	EA	6", Steel, Grooved Wye	1,331.80	117.30
		For Work In Restricted Working Space, Add	*52.75*	
		For Galvanized Fittings, Add	*184.96*	
23 21 13 23-1579	EA	8", Steel, Grooved Wye	1,878.42	142.43
		For Work In Restricted Working Space, Add	*64.05*	
		For Galvanized Fittings, Add	*266.39*	
23 21 13 23-1580	EA	10", Steel, Grooved Wye	3,122.72	166.08
		For Work In Restricted Working Space, Add	*74.72*	
		For Galvanized Fittings, Add	*459.78*	
23 21 13 23-1581	EA	12", Steel, Grooved Wye	3,473.59	199.36
		For Work In Restricted Working Space, Add	*89.66*	
		For Galvanized Fittings, Add	*507.95*	

23 21 13 23-1582 Grooved Reducing Tees *(23 21 13 23-1554)*

Note: Victaulic No. 25

23 21 13 23-1583	EA	1", Steel, Grooved Reducing Tee	218.79	18.94
		For Work In Restricted Working Space, Add	*8.52*	
		For Galvanized Fittings, Add	*38.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1584	EA	1-1/4", Steel, Grooved Reducing Tee	231.09	23.19
		For Work In Restricted Working Space, Add	*10.42*	
		For Galvanized Fittings, Add	*39.27*	
23 21 13 23-1585	EA	1-1/2", Steel, Grooved Reducing Tee	243.87	28.46
		For Work In Restricted Working Space, Add	*12.79*	
		For Galvanized Fittings, Add	*40.25*	
23 21 13 23-1586	EA	2", Steel, Grooved Reducing Tee	290.77	36.84
		For Work In Restricted Working Space, Add	*16.55*	
		For Galvanized Fittings, Add	*47.12*	
23 21 13 23-1587	EA	2-1/2", Steel, Grooved Reducing Tee	327.55	45.11
		For Work In Restricted Working Space, Add	*20.31*	
		For Galvanized Fittings, Add	*51.97*	
23 21 13 23-1588	EA	3", Steel, Grooved Reducing Tee	367.50	55.44
		For Work In Restricted Working Space, Add	*24.92*	
		For Galvanized Fittings, Add	*56.89*	
23 21 13 23-1589	EA	4", Steel, Grooved Reducing Tee	491.09	71.73
		For Work In Restricted Working Space, Add	*32.25*	
		For Galvanized Fittings, Add	*76.72*	
23 21 13 23-1590	EA	5", Steel, Grooved Reducing Tee	647.09	93.77
		For Work In Restricted Working Space, Add	*42.18*	
		For Galvanized Fittings, Add	*101.30*	
23 21 13 23-1591	EA	6", Steel, Grooved Reducing Tee	888.34	117.30
		For Work In Restricted Working Space, Add	*52.75*	
		For Galvanized Fittings, Add	*142.50*	
23 21 13 23-1592	EA	8", Steel, Grooved Reducing Tee	1,389.15	142.43
		For Work In Restricted Working Space, Add	*64.05*	
		For Galvanized Fittings, Add	*235.13*	
23 21 13 23-1593	EA	10", Steel, Grooved Reducing Tee	1,982.24	166.08
		For Work In Restricted Working Space, Add	*74.72*	
		For Galvanized Fittings, Add	*346.63*	
23 21 13 23-1594	EA	12", Steel, Grooved Reducing Tee	2,855.59	199.36
		For Work In Restricted Working Space, Add	*89.66*	
		For Galvanized Fittings, Add	*511.34*	

23 21 13 23-1595 Grooved 45 Degree Lateral Wyes *(23 21 13 23-1554)*

Note: Victaulic No. 30

23 21 13 23-1596	EA	3/4", Steel, Grooved, 45 Degree Lateral Wye	418.93	16.41
		For Galvanized Fittings, Add	*70.97*	
		For Work In Restricted Working Space, Add	*7.40*	
23 21 13 23-1597	EA	1", Steel, Grooved, 45 Degree Lateral Wye	422.66	18.94
		For Galvanized Fittings, Add	*70.97*	
		For Work In Restricted Working Space, Add	*8.52*	
23 21 13 23-1598	EA	1-1/4", Steel, Grooved, 45 Degree Lateral Wye	428.98	23.19
		For Galvanized Fittings, Add	*70.97*	
		For Work In Restricted Working Space, Add	*10.42*	
23 21 13 23-1599	EA	1-1/2", Steel, Grooved, 45 Degree Lateral Wye	436.87	28.46
		For Galvanized Fittings, Add	*70.97*	
		For Work In Restricted Working Space, Add	*12.79*	
23 21 13 23-1600	EA	2", Steel, Grooved, 45 Degree Lateral Wye	449.41	36.84
		For Galvanized Fittings, Add	*70.97*	
		For Work In Restricted Working Space, Add	*16.55*	
23 21 13 23-1601	EA	2-1/2", Steel, Grooved, 45 Degree Lateral Wye	461.94	45.11
		For Galvanized Fittings, Add	*70.97*	
		For Work In Restricted Working Space, Add	*20.31*	
23 21 13 23-1602	EA	3", Steel, Grooved, 45 Degree Lateral Wye	423.67	55.44
		For Galvanized Fittings, Add	*61.31*	
		For Work In Restricted Working Space, Add	*24.92*	
23 21 13 23-1603	EA	3-1/2", Steel, Grooved, 45 Degree Lateral Wye	672.82	63.92
		For Galvanized Fittings, Add	*103.87*	
		For Work In Restricted Working Space, Add	*28.73*	
23 21 13 23-1604	EA	4", Steel, Grooved, 45 Degree Lateral Wye	779.21	71.73
		For Galvanized Fittings, Add	*120.91*	
		For Work In Restricted Working Space, Add	*32.25*	
23 21 13 23-1605	EA	5", Steel, Grooved, 45 Degree Lateral Wye	1,122.27	93.77
		For Galvanized Fittings, Add	*176.70*	
		For Work In Restricted Working Space, Add	*42.18*	
23 21 13 23-1606	EA	6", Steel, Grooved, 45 Degree Lateral Wye	1,757.48	117.30
		For Galvanized Fittings, Add	*284.70*	
		For Work In Restricted Working Space, Add	*52.75*	
23 21 13 23-1607	EA	8", Steel, Grooved, 45 Degree Lateral Wye	2,491.67	142.43
		For Galvanized Fittings, Add	*410.07*	
		For Work In Restricted Working Space, Add	*64.05*	
23 21 13 23-1608	EA	10", Steel, Grooved, 45 Degree Lateral Wye	3,464.66	166.08
		For Galvanized Fittings, Add	*578.81*	
		For Work In Restricted Working Space, Add	*74.72*	
23 21 13 23-1609	EA	12", Steel, Grooved, 45 Degree Lateral Wye	4,186.68	199.36
		For Galvanized Fittings, Add	*699.80*	
		For Work In Restricted Working Space, Add	*89.66*	

23 21 13 23-1610 Grooved 45 Degree Lateral Reducing Wyes *(23 21 13 23-1554)*

Note: Victaulic No. 30R

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1611	EA	3", Steel, Grooved 45 Degree Lateral Reducing Wye	423.67	55.44
		For Work In Restricted Working Space, Add	*24.92*	
		For Galvanized Fittings, Add	*44.28*	
23 21 13 23-1612	EA	4", Steel, Grooved 45 Degree Lateral Reducing Wye	779.21	71.73
		For Work In Restricted Working Space, Add	*32.25*	
		For Galvanized Fittings, Add	*87.32*	
23 21 13 23-1613	EA	5", Steel, Grooved 45 Degree Lateral Reducing Wye	1,122.27	93.77
		For Work In Restricted Working Space, Add	*42.18*	
		For Galvanized Fittings, Add	*127.62*	
23 21 13 23-1614	EA	6", Steel, Grooved 45 Degree Lateral Reducing Wye	1,444.15	117.30
		For Work In Restricted Working Space, Add	*52.75*	
		For Galvanized Fittings, Add	*164.88*	
23 21 13 23-1615	EA	8", Steel, Grooved 45 Degree Lateral Reducing Wye	2,044.45	142.43
		For Work In Restricted Working Space, Add	*64.05*	
		For Galvanized Fittings, Add	*238.02*	
23 21 13 23-1616	EA	10", Steel, Grooved 45 Degree Lateral Reducing Wye	2,491.48	166.08
		For Work In Restricted Working Space, Add	*74.72*	
		For Galvanized Fittings, Add	*291.51*	
23 21 13 23-1617	EA	12", Steel, Grooved 45 Degree Lateral Reducing Wye	3,023.96	199.36
		For Work In Restricted Working Space, Add	*89.66*	
		For Galvanized Fittings, Add	*354.26*	

23 21 13 23-1618 Mechanical-T Outlet *(23 21 13 23-1554)*

Note: Includes making opening in pipe. Grooved or treaded branch outlets. Victaulic Styles 920 or 921.

23 21 13 23-1619	EA	2" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet	148.20	41.32
		For Galvanized Fittings, Add	*16.26*	
		For Work In Restricted Working Space, Add	*24.79*	
23 21 13 23-1620	EA	2" x 1" Mechanical-T Outlet With Threaded Branch Outlet	148.20	41.32
		For Galvanized Fittings, Add	*16.26*	
		For Work In Restricted Working Space, Add	*24.79*	
23 21 13 23-1621	EA	2" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	158.43	41.32
		For Galvanized Fittings, Add	*18.80*	
		For Work In Restricted Working Space, Add	*24.79*	
23 21 13 23-1622	EA	2" x 1-1/2" Mechanical-T Outlet With Threaded Branch Outlet	158.43	41.32
		For Work In Restricted Working Space, Add	*24.79*	
23 21 13 23-1623	EA	2-1/2" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet	158.53	46.49
		For Work In Restricted Working Space, Add	*27.89*	
23 21 13 23-1624	EA	2-1/2" x 1" Mechanical-T Outlet With Threaded Branch Outlet	158.53	46.49
		For Work In Restricted Working Space, Add	*27.89*	
23 21 13 23-1625	EA	2-1/2" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	185.55	46.49
		For Work In Restricted Working Space, Add	*27.89*	
23 21 13 23-1626	EA	3" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet	178.79	51.65
		For Work In Restricted Working Space, Add	*30.99*	
23 21 13 23-1627	EA	3" x 1" Mechanical-T Outlet With Threaded Branch Outlet	178.79	51.65
		For Work In Restricted Working Space, Add	*30.99*	
23 21 13 23-1628	EA	3" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	200.55	51.65
		For Work In Restricted Working Space, Add	*30.99*	
23 21 13 23-1629	EA	3" x 1-1/2" Mechanical-T Outlet With Threaded Branch Outlet	200.55	51.65
		For Work In Restricted Working Space, Add	*30.99*	
23 21 13 23-1630	EA	3" x 2" Mechanical-T Outlet With Threaded Branch Outlet	215.45	51.65
		For Work In Restricted Working Space, Add	*30.99*	
23 21 13 23-1631	EA	4" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet	233.99	68.86
		For Work In Restricted Working Space, Add	*41.32*	
23 21 13 23-1632	EA	4" x 1" Mechanical-T Outlet With Threaded Branch Outlet	233.99	68.86
		For Work In Restricted Working Space, Add	*41.32*	
23 21 13 23-1633	EA	4" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	250.98	68.86
		For Work In Restricted Working Space, Add	*41.32*	
23 21 13 23-1634	EA	4" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	255.75	68.86
		For Work In Restricted Working Space, Add	*41.32*	
23 21 13 23-1635	EA	4" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet	255.75	68.86
		For Work In Restricted Working Space, Add	*41.32*	
23 21 13 23-1636	EA	4" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	260.52	68.86
		For Work In Restricted Working Space, Add	*41.32*	
23 21 13 23-1637	EA	4" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet	269.66	68.86
		For Work In Restricted Working Space, Add	*41.32*	
23 21 13 23-1638	EA	5" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	334.32	94.68
		For Work In Restricted Working Space, Add	*56.81*	
23 21 13 23-1639	EA	5" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet	334.32	94.68
		For Work In Restricted Working Space, Add	*56.81*	
23 21 13 23-1640	EA	5" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	342.57	94.68
		For Work In Restricted Working Space, Add	*56.81*	
23 21 13 23-1641	EA	5" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet	352.90	94.68
		For Work In Restricted Working Space, Add	*56.81*	
23 21 13 23-1642	EA	6" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	389.34	120.51
		For Work In Restricted Working Space, Add	*72.31*	
23 21 13 23-1643	EA	6" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet	389.34	120.51
		For Work In Restricted Working Space, Add	*72.31*	
23 21 13 23-1644	EA	6" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	401.46	120.51
		For Work In Restricted Working Space, Add	*72.31*	
23 21 13 23-1645	EA	6" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet	411.69	120.51
		For Work In Restricted Working Space, Add	*72.31*	
23 21 13 23-1646	EA	6" x 4" Mechanical-T Outlet With Threaded Or Grooved Outlet	429.87	120.51
		For Work In Restricted Working Space, Add	*72.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1647	EA	8" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet	581.53	159.53
		For Work In Restricted Working Space, Add	*95.72*	
23 21 13 23-1648	EA	8" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	581.53	159.53
		For Work In Restricted Working Space, Add	*95.72*	
23 21 13 23-1649	EA	8" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet	596.13	159.53
		For Work In Restricted Working Space, Add	*95.72*	
23 21 13 23-1650	EA	8" x 4" Mechanical-T Outlet With Threaded Or Grooved Outlet	604.78	159.53
		For Work In Restricted Working Space, Add	*95.72*	

23 21 13 23-1651 Installation-Ready™ Grooved Fittings *(23 21 13 23-1488)*

23 21 13 23-1652 Installation-Ready™ 90 Degree Grooved Elbows *(23 21 13 23-1651)*

Note: Victaulic No. 101

23 21 13 23-1653	EA	1-1/4" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	278.65	11.37
		For Work In Restricted Working Space, Add	*5.17*	
		For Galvanized Fittings, Add	*86.27*	
		For Galvanized Fittings, Add	*66.93*	
23 21 13 23-1654	EA	1-1/2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	289.78	13.63
		For Work In Restricted Working Space, Add	*6.20*	
		For Galvanized Fittings, Add	*88.81*	
		For Galvanized Fittings, Add	*68.89*	
23 21 13 23-1655	EA	2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	298.60	18.18
		For Work In Restricted Working Space, Add	*8.27*	
		For Galvanized Fittings, Add	*89.45*	
		For Galvanized Fittings, Add	*69.39*	
23 21 13 23-1656	EA	2-1/2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	361.22	22.72
		For Work In Restricted Working Space, Add	*10.33*	
		For Galvanized Fittings, Add	*107.84*	
		For Galvanized Fittings, Add	*83.66*	

23 21 13 23-1657 Installation-Ready™ 45 Degree Grooved Elbows *(23 21 13 23-1651)*

Note: Victaulic No. 103

23 21 13 23-1658	EA	1-1/4" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	278.65	11.37
		For Galvanized Fittings, Add	*62.74*	
		For Work In Restricted Working Space, Add	*5.17*	
		For Galvanized Fittings, Add	*66.93*	
23 21 13 23-1659	EA	1-1/2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	289.78	13.63
		For Galvanized Fittings, Add	*64.59*	
		For Work In Restricted Working Space, Add	*6.20*	
		For Galvanized Fittings, Add	*68.89*	
23 21 13 23-1660	EA	2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	298.60	18.18
		For Galvanized Fittings, Add	*65.05*	
		For Work In Restricted Working Space, Add	*8.27*	
		For Galvanized Fittings, Add	*69.39*	
23 21 13 23-1661	EA	2-1/2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	361.22	22.72
		For Galvanized Fittings, Add	*78.43*	
		For Work In Restricted Working Space, Add	*10.33*	
		For Galvanized Fittings, Add	*83.66*	

23 21 13 23-1662 Installation-Ready™ Grooved Tees *(23 21 13 23-1651)*

Note: Victaulic No. 102

23 21 13 23-1663	EA	1-1/4" Ductile Iron, Grooved, Installation-Ready™ Tee	426.65	15.15
		For Work In Restricted Working Space, Add	*6.89*	
		For Galvanized Fittings, Add	*121.11*	
		For Galvanized Fittings, Add	*103.34*	
23 21 13 23-1664	EA	1-1/2" Ductile Iron, Grooved, Installation-Ready™ Tee	444.69	18.18
		For Work In Restricted Working Space, Add	*8.27*	
		For Galvanized Fittings, Add	*125.14*	
		For Galvanized Fittings, Add	*106.79*	
23 21 13 23-1665	EA	2" Ductile Iron, Grooved, Installation-Ready™ Tee	459.64	24.24
		For Work In Restricted Working Space, Add	*11.02*	
		For Galvanized Fittings, Add	*126.87*	
		For Galvanized Fittings, Add	*108.26*	
23 21 13 23-1666	EA	2-1/2" Ductile Iron, Grooved, Installation-Ready™ Tee	534.18	30.30
		For Work In Restricted Working Space, Add	*13.77*	
		For Galvanized Fittings, Add	*146.48*	
		For Galvanized Fittings, Add	*125.00*	

23 21 13 23-1667 Grooved Fittings *(23 21 13 23-1488)*

23 21 13 23-1668 Flanged Adapter Nipple, Grooved *(23 21 13 23-1667)*

Note: Victaulic No. 41 and 45

23 21 13 23-1669	EA	1" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	298.12	13.77
		For 300 Lb. Rating, Add	*41.62*	
		For Galvanized Fittings, Add	*49.94*	
		For Work In Restricted Working Space, Add	*6.20*	
23 21 13 23-1670	EA	1-1/4" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	300.42	15.26
		For 300 Lb. Rating, Add	*41.62*	
		For Galvanized Fittings, Add	*49.94*	
		For Work In Restricted Working Space, Add	*6.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1671	EA	1-1/2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	306.16	19.17
		For 300 Lb. Rating, Add	*41.62*	
		For Galvanized Fittings, Add	*49.94*	
		For Work In Restricted Working Space, Add	*8.61*	
23 21 13 23-1672	EA	2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	318.23	27.20
		For 300 Lb. Rating, Add	*41.62*	
		For Galvanized Fittings, Add	*49.94*	
		For Work In Restricted Working Space, Add	*12.23*	
23 21 13 23-1673	EA	2-1/2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	326.86	32.94
		For 300 Lb. Rating, Add	*41.62*	
		For Galvanized Fittings, Add	*49.94*	
		For Work In Restricted Working Space, Add	*14.82*	
23 21 13 23-1674	EA	3" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	413.98	39.37
		For 300 Lb. Rating, Add	*53.25*	
		For Galvanized Fittings, Add	*63.91*	
		For Work In Restricted Working Space, Add	*17.69*	
23 21 13 23-1675	EA	4" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	502.86	53.02
		For 300 Lb. Rating, Add	*63.51*	
		For Galvanized Fittings, Add	*76.21*	
		For Work In Restricted Working Space, Add	*23.84*	
23 21 13 23-1676	EA	5" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	701.20	64.16
		For 300 Lb. Rating, Add	*90.75*	
		For Galvanized Fittings, Add	*108.90*	
		For Work In Restricted Working Space, Add	*28.85*	
23 21 13 23-1677	EA	6" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	820.24	86.65
		For 300 Lb. Rating, Add	*103.54*	
		For Galvanized Fittings, Add	*124.25*	
		For Work In Restricted Working Space, Add	*38.99*	
23 21 13 23-1678	EA	8" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	1,128.65	117.30
		For 300 Lb. Rating, Add	*142.92*	
		For Galvanized Fittings, Add	*171.51*	
		For Work In Restricted Working Space, Add	*52.75*	
23 21 13 23-1679	EA	10" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	1,768.37	142.43
		For 300 Lb. Rating, Add	*233.23*	
		For Galvanized Fittings, Add	*279.88*	
		For Work In Restricted Working Space, Add	*64.05*	
23 21 13 23-1680	EA	12" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	2,375.08	166.08
		For 300 Lb. Rating, Add	*318.90*	
		For Galvanized Fittings, Add	*382.68*	
		For Work In Restricted Working Space, Add	*74.72*	

23 21 13 23-1681 Grooved Concentric Reducers *(23 21 13 23-1667)*

Note: Victaulic No. 50

23 21 13 23-1682	EA	1-1/4" x 3/4", Grooved Concentric Reducer	316.60	13.77
		For Galvanized Fittings, Add	*13.02*	
		For Work In Restricted Working Space, Add	*6.20*	
23 21 13 23-1683	EA	1-1/4" x 1", Grooved Concentric Reducer	331.09	14.58
		For Galvanized Fittings, Add	*13.61*	
		For Work In Restricted Working Space, Add	*6.54*	
23 21 13 23-1684	EA	1-1/2" x 3/4", Grooved Concentric Reducer	372.83	15.73
		For Galvanized Fittings, Add	*41.99*	
		For Work In Restricted Working Space, Add	*7.06*	
23 21 13 23-1685	EA	1-1/2" x 1", Grooved Concentric Reducer	99.48	16.41
		For Galvanized Fittings, Add	*8.99*	
		For Work In Restricted Working Space, Add	*7.40*	
23 21 13 23-1686	EA	1-1/2" x 1-1/4", Grooved Concentric Reducer	315.34	17.22
		For Galvanized Fittings, Add	*34.80*	
		For Work In Restricted Working Space, Add	*7.75*	
23 21 13 23-1687	EA	2" x 3/4", Grooved Concentric Reducer	102.92	18.71
		For Galvanized Fittings, Add	*8.99*	
		For Work In Restricted Working Space, Add	*8.44*	
23 21 13 23-1688	EA	2" x 1", Grooved Concentric Reducer	104.07	19.51
		For Galvanized Fittings, Add	*8.99*	
		For Work In Restricted Working Space, Add	*8.78*	
23 21 13 23-1689	EA	2" x 1-1/4", Grooved Concentric Reducer	112.73	20.32
		For Galvanized Fittings, Add	*9.89*	
		For Work In Restricted Working Space, Add	*9.13*	
23 21 13 23-1690	EA	2" x 1-1/2", Grooved Concentric Reducer	108.72	22.61
		For Galvanized Fittings, Add	*8.99*	
		For Work In Restricted Working Space, Add	*10.18*	
23 21 13 23-1691	EA	2-1/2" x 3/4", Grooved Concentric Reducer	640.44	21.11
		For Galvanized Fittings, Add	*73.17*	
		For Work In Restricted Working Space, Add	*9.50*	
23 21 13 23-1692	EA	2-1/2" x 1", Grooved Concentric Reducer	510.34	21.92
		For Galvanized Fittings, Add	*57.40*	
		For Work In Restricted Working Space, Add	*9.84*	
23 21 13 23-1693	EA	2-1/2" x 1-1/4", Grooved Concentric Reducer	466.22	22.61
		For Galvanized Fittings, Add	*51.96*	
		For Work In Restricted Working Space, Add	*10.18*	
23 21 13 23-1694	EA	2-1/2" x 1-1/2", Grooved Concentric Reducer	112.09	24.91
		For Galvanized Fittings, Add	*8.99*	
		For Work In Restricted Working Space, Add	*11.19*	
23 21 13 23-1695	EA	2-1/2" x 2", Grooved Concentric Reducer	116.68	27.89
		For Galvanized Fittings, Add	*8.99*	
		For Work In Restricted Working Space, Add	*12.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1696	EA	3" x 3/4", Grooved Concentric Reducer	649.50	24.56
		For Galvanized Fittings, Add	*93.13*	
		For Work In Restricted Working Space, Add	*11.03*	
23 21 13 23-1697	EA	3" x 1", Grooved Concentric Reducer	120.44	25.25
		For Galvanized Fittings, Add	*12.56*	
		For Work In Restricted Working Space, Add	*11.35*	
23 21 13 23-1698	EA	3" x 1-1/4", Grooved Concentric Reducer	513.58	26.06
		For Galvanized Fittings, Add	*72.14*	
		For Work In Restricted Working Space, Add	*11.70*	
23 21 13 23-1699	EA	3" x 1-1/2", Grooved Concentric Reducer	482.87	27.89
		For Galvanized Fittings, Add	*67.03*	
		For Work In Restricted Working Space, Add	*12.56*	
23 21 13 23-1700	EA	3" x 2", Grooved Concentric Reducer	112.10	30.99
		For Galvanized Fittings, Add	*9.97*	
		For Work In Restricted Working Space, Add	*13.95*	
23 21 13 23-1701	EA	3" x 2-1/2", Grooved Concentric Reducer	145.79	36.96
		For Galvanized Fittings, Add	*13.74*	
		For Work In Restricted Working Space, Add	*16.61*	
23 21 13 23-1702	EA	3-1/2" x 3", Grooved Concentric Reducer	156.02	39.83
		For Galvanized Fittings, Add	*14.64*	
		For Work In Restricted Working Space, Add	*17.90*	
23 21 13 23-1703	EA	4" x 1", Grooved Concentric Reducer	146.36	31.33
		For Work In Restricted Working Space, Add	*14.12*	
		For Galvanized Fittings, Add	*17.03*	
23 21 13 23-1704	EA	4" x 1-1/4", Grooved Concentric Reducer	833.26	32.14
		For Work In Restricted Working Space, Add	*14.46*	
		For Galvanized Fittings, Add	*134.64*	
23 21 13 23-1705	EA	4" x 1-1/2", Grooved Concentric Reducer	651.27	34.09
		For Work In Restricted Working Space, Add	*15.33*	
		For Galvanized Fittings, Add	*102.93*	
23 21 13 23-1706	EA	4" x 2", Grooved Concentric Reducer	143.02	37.18
		For Work In Restricted Working Space, Add	*16.70*	
		For Galvanized Fittings, Add	*14.98*	
23 21 13 23-1707	EA	4" x 2-1/2", Grooved Concentric Reducer	169.17	39.83
		For Work In Restricted Working Space, Add	*17.91*	
		For Galvanized Fittings, Add	*18.78*	
23 21 13 23-1708	EA	4" x 3", Grooved Concentric Reducer	173.76	42.92
		For Work In Restricted Working Space, Add	*19.28*	
		For Galvanized Fittings, Add	*18.78*	
23 21 13 23-1709	EA	4" x 3-1/2", Grooved Concentric Reducer	178.36	45.91
		For Work In Restricted Working Space, Add	*20.66*	
		For Galvanized Fittings, Add	*18.78*	
23 21 13 23-1710	EA	5" x 2", Grooved Concentric Reducer	1,169.66	43.26
		For Work In Restricted Working Space, Add	*19.46*	
		For Galvanized Fittings, Add	*189.47*	
23 21 13 23-1711	EA	5" x 2-1/2", Grooved Concentric Reducer	926.06	45.91
		For Work In Restricted Working Space, Add	*20.66*	
		For Galvanized Fittings, Add	*147.01*	
23 21 13 23-1712	EA	5" x 3", Grooved Concentric Reducer	201.62	49.00
		For Work In Restricted Working Space, Add	*22.04*	
		For Galvanized Fittings, Add	*21.98*	
23 21 13 23-1713	EA	5" x 4", Grooved Concentric Reducer	235.70	55.09
		For Work In Restricted Working Space, Add	*24.79*	
		For Galvanized Fittings, Add	*26.25*	
23 21 13 23-1714	EA	6" x 1", Grooved Concentric Reducer	273.57	46.71
		For Galvanized Fittings, Add	*37.98*	
		For Work In Restricted Working Space, Add	*21.01*	
23 21 13 23-1715	EA	6" x 1-1/2", Grooved Concentric Reducer	1,235.64	49.36
		For Galvanized Fittings, Add	*216.76*	
		For Work In Restricted Working Space, Add	*22.21*	
23 21 13 23-1716	EA	6" x 2", Grooved Concentric Reducer	282.16	52.45
		For Galvanized Fittings, Add	*37.98*	
		For Work In Restricted Working Space, Add	*23.58*	
23 21 13 23-1717	EA	6" x 2-1/2", Grooved Concentric Reducer	1,250.88	55.09
		For Galvanized Fittings, Add	*217.99*	
		For Work In Restricted Working Space, Add	*24.79*	
23 21 13 23-1718	EA	6" x 3", Grooved Concentric Reducer	290.79	58.19
		For Galvanized Fittings, Add	*37.98*	
		For Work In Restricted Working Space, Add	*26.17*	
23 21 13 23-1719	EA	6" x 4", Grooved Concentric Reducer	273.69	64.28
		For Galvanized Fittings, Add	*33.08*	
		For Work In Restricted Working Space, Add	*28.93*	
23 21 13 23-1720	EA	6" x 5", Grooved Concentric Reducer	367.85	70.47
		For Galvanized Fittings, Add	*48.93*	
		For Work In Restricted Working Space, Add	*31.68*	
23 21 13 23-1721	EA	8" x 3", Grooved Concentric Reducer	462.42	65.88
		For Galvanized Fittings, Add	*67.87*	
		For Work In Restricted Working Space, Add	*29.61*	
23 21 13 23-1722	EA	8" x 4", Grooved Concentric Reducer	471.58	71.96
		For Galvanized Fittings, Add	*67.87*	
		For Work In Restricted Working Space, Add	*32.36*	
23 21 13 23-1723	EA	8" x 5", Grooved Concentric Reducer	480.79	78.04
		For Galvanized Fittings, Add	*67.87*	
		For Work In Restricted Working Space, Add	*35.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1724	EA	8" x 6", Grooved Concentric Reducer	594.66	87.22
		For Galvanized Fittings, Add	*86.55*	
		For Work In Restricted Working Space, Add	*39.25*	
23 21 13 23-1725	EA	10" x 4", Grooved Concentric Reducer	985.94	79.99
		For Galvanized Fittings, Add	*161.59*	
		For Work In Restricted Working Space, Add	*35.99*	
23 21 13 23-1726	EA	10" x 5", Grooved Concentric Reducer	2,038.05	86.08
		For Galvanized Fittings, Add	*356.20*	
		For Work In Restricted Working Space, Add	*38.74*	
23 21 13 23-1727	EA	10" x 6", Grooved Concentric Reducer	1,089.89	95.26
		For Galvanized Fittings, Add	*176.71*	
		For Work In Restricted Working Space, Add	*42.87*	
23 21 13 23-1728	EA	10" x 8", Grooved Concentric Reducer	1,101.35	102.95
		For Galvanized Fittings, Add	*176.71*	
		For Work In Restricted Working Space, Add	*46.31*	
23 21 13 23-1729	EA	12" x 4", Grooved Concentric Reducer	3,003.26	91.13
		For Galvanized Fittings, Add	*430.00*	
		For Work In Restricted Working Space, Add	*40.97*	
23 21 13 23-1730	EA	12" x 6", Grooved Concentric Reducer	1,288.99	106.39
		For Galvanized Fittings, Add	*169.43*	
		For Work In Restricted Working Space, Add	*47.85*	
23 21 13 23-1731	EA	12" x 8", Grooved Concentric Reducer	1,867.67	114.09
		For Galvanized Fittings, Add	*254.50*	
		For Work In Restricted Working Space, Add	*51.30*	
23 21 13 23-1732	EA	12" x 10", Grooved Concentric Reducer	1,879.79	122.12
		For Galvanized Fittings, Add	*254.50*	
		For Work In Restricted Working Space, Add	*54.93*	

23 21 13 23-1733 Grooved Eccentric Reducers *(23 21 13 23-1667)*

Note: Victaulic No. 51

23 21 13 23-1734	EA	1-1/2" x 3/4", Grooved Eccentric Reducer	384.88	15.73
		For Galvanized Fittings, Add	*43.43*	
		For Work In Restricted Working Space, Add	*7.06*	
23 21 13 23-1735	EA	1-1/2" x 1", Grooved Eccentric Reducer	350.85	16.41
		For Galvanized Fittings, Add	*39.21*	
		For Work In Restricted Working Space, Add	*7.40*	
23 21 13 23-1736	EA	1-1/2" x 1-1/4", Grooved Eccentric Reducer	344.89	17.22
		For Galvanized Fittings, Add	*38.35*	
		For Work In Restricted Working Space, Add	*7.75*	
23 21 13 23-1737	EA	2" x 3/4", Grooved Eccentric Reducer	730.27	18.71
		For Galvanized Fittings, Add	*84.40*	
		For Work In Restricted Working Space, Add	*8.44*	
23 21 13 23-1738	EA	2" x 1", Grooved Eccentric Reducer	389.43	19.51
		For Galvanized Fittings, Add	*43.29*	
		For Work In Restricted Working Space, Add	*8.78*	
23 21 13 23-1739	EA	2" x 1-1/4", Grooved Eccentric Reducer	425.27	20.32
		For Galvanized Fittings, Add	*47.46*	
		For Work In Restricted Working Space, Add	*9.13*	
23 21 13 23-1740	EA	2" x 1-1/2", Grooved Eccentric Reducer	364.44	22.61
		For Galvanized Fittings, Add	*39.73*	
		For Work In Restricted Working Space, Add	*10.18*	
23 21 13 23-1741	EA	2-1/2" x 3/4", Grooved Eccentric Reducer	948.24	21.11
		For Galvanized Fittings, Add	*110.17*	
		For Work In Restricted Working Space, Add	*9.50*	
23 21 13 23-1742	EA	2-1/2" x 1", Grooved Eccentric Reducer	886.71	21.92
		For Galvanized Fittings, Add	*102.64*	
		For Work In Restricted Working Space, Add	*9.84*	
23 21 13 23-1743	EA	2-1/2" x 1-1/4", Grooved Eccentric Reducer	529.85	22.61
		For Galvanized Fittings, Add	*59.61*	
		For Work In Restricted Working Space, Add	*10.18*	
23 21 13 23-1744	EA	2-1/2" x 1-1/2", Grooved Eccentric Reducer	430.26	24.91
		For Galvanized Fittings, Add	*47.23*	
		For Work In Restricted Working Space, Add	*11.19*	
23 21 13 23-1745	EA	2-1/2" x 2", Grooved Eccentric Reducer	200.17	27.89
		For Galvanized Fittings, Add	*19.03*	
		For Work In Restricted Working Space, Add	*12.56*	
23 21 13 23-1746	EA	3" x 1", Grooved Eccentric Reducer	953.80	25.25
		For Galvanized Fittings, Add	*110.10*	
		For Work In Restricted Working Space, Add	*11.35*	
23 21 13 23-1747	EA	3" x 1-1/4", Grooved Eccentric Reducer	868.21	26.06
		For Galvanized Fittings, Add	*99.67*	
		For Work In Restricted Working Space, Add	*11.70*	
23 21 13 23-1748	EA	3" x 1-1/2", Grooved Eccentric Reducer	496.41	27.89
		For Galvanized Fittings, Add	*54.63*	
		For Work In Restricted Working Space, Add	*12.56*	
23 21 13 23-1749	EA	3" x 2", Grooved Eccentric Reducer	228.40	30.99
		For Galvanized Fittings, Add	*21.87*	
		For Work In Restricted Working Space, Add	*13.95*	
23 21 13 23-1750	EA	3" x 2-1/2", Grooved Eccentric Reducer	237.29	36.96
		For Galvanized Fittings, Add	*21.87*	
		For Work In Restricted Working Space, Add	*16.61*	
23 21 13 23-1751	EA	3-1/2" x 3", Grooved Eccentric Reducer	1,066.07	39.83
		For Galvanized Fittings, Add	*120.97*	
		For Work In Restricted Working Space, Add	*17.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1752	EA	4" x 1", Grooved Eccentric Reducer	1,903.71	31.33
		For Work In Restricted Working Space, Add	*14.12*	
		For Galvanized Fittings, Add	*318.42*	
23 21 13 23-1753	EA	4" x 1-1/2", Grooved Eccentric Reducer	1,173.97	34.09
		For Work In Restricted Working Space, Add	*15.33*	
		For Galvanized Fittings, Add	*192.57*	
23 21 13 23-1754	EA	4" x 2", Grooved Eccentric Reducer	278.09	37.18
		For Work In Restricted Working Space, Add	*16.70*	
		For Galvanized Fittings, Add	*38.15*	
23 21 13 23-1755	EA	4" x 2-1/2", Grooved Eccentric Reducer	282.11	39.83
		For Work In Restricted Working Space, Add	*17.91*	
		For Galvanized Fittings, Add	*38.15*	
23 21 13 23-1756	EA	4" x 3", Grooved Eccentric Reducer	286.70	42.92
		For Work In Restricted Working Space, Add	*19.28*	
		For Galvanized Fittings, Add	*38.15*	
23 21 13 23-1757	EA	5" x 2", Grooved Eccentric Reducer	1,303.05	43.26
		For Work In Restricted Working Space, Add	*19.46*	
		For Galvanized Fittings, Add	*212.35*	
23 21 13 23-1758	EA	5" x 2-1/2", Grooved Eccentric Reducer	1,123.78	45.91
		For Work In Restricted Working Space, Add	*20.66*	
		For Galvanized Fittings, Add	*180.92*	
23 21 13 23-1759	EA	5" x 3", Grooved Eccentric Reducer	1,092.39	49.00
		For Work In Restricted Working Space, Add	*22.04*	
		For Galvanized Fittings, Add	*174.75*	
23 21 13 23-1760	EA	5" x 4", Grooved Eccentric Reducer	385.59	55.09
		For Work In Restricted Working Space, Add	*24.79*	
		For Galvanized Fittings, Add	*51.96*	
23 21 13 23-1761	EA	6" x 1", Grooved Eccentric Reducer	1,994.85	46.71
		For Galvanized Fittings, Add	*359.17*	
		For Work In Restricted Working Space, Add	*21.01*	
23 21 13 23-1762	EA	6" x 2", Grooved Eccentric Reducer	1,833.98	52.45
		For Galvanized Fittings, Add	*327.55*	
		For Work In Restricted Working Space, Add	*23.58*	
23 21 13 23-1763	EA	6" x 2-1/2", Grooved Eccentric Reducer	2,172.88	55.09
		For Galvanized Fittings, Add	*390.04*	
		For Work In Restricted Working Space, Add	*24.79*	
23 21 13 23-1764	EA	6" x 3", Grooved Eccentric Reducer	490.58	58.19
		For Galvanized Fittings, Add	*75.26*	
		For Work In Restricted Working Space, Add	*26.17*	
23 21 13 23-1765	EA	6" x 4", Grooved Eccentric Reducer	449.47	64.28
		For Galvanized Fittings, Add	*65.88*	
		For Work In Restricted Working Space, Add	*28.93*	
23 21 13 23-1766	EA	6" x 5", Grooved Eccentric Reducer	529.11	70.47
		For Galvanized Fittings, Add	*79.03*	
		For Work In Restricted Working Space, Add	*31.68*	
23 21 13 23-1767	EA	8" x 3", Grooved Eccentric Reducer	2,138.25	65.88
		For Galvanized Fittings, Add	*380.58*	
		For Work In Restricted Working Space, Add	*29.61*	
23 21 13 23-1768	EA	8" x 4", Grooved Eccentric Reducer	1,890.30	71.96
		For Galvanized Fittings, Add	*332.60*	
		For Work In Restricted Working Space, Add	*32.36*	
23 21 13 23-1769	EA	8" x 5", Grooved Eccentric Reducer	1,776.59	78.04
		For Galvanized Fittings, Add	*309.67*	
		For Work In Restricted Working Space, Add	*35.12*	
23 21 13 23-1770	EA	8" x 6", Grooved Eccentric Reducer	846.72	87.22
		For Galvanized Fittings, Add	*133.58*	
		For Work In Restricted Working Space, Add	*39.25*	
23 21 13 23-1771	EA	10" x 4", Grooved Eccentric Reducer	3,390.79	79.99
		For Galvanized Fittings, Add	*610.34*	
		For Work In Restricted Working Space, Add	*35.99*	
23 21 13 23-1772	EA	10" x 5", Grooved Eccentric Reducer	3,210.73	86.08
		For Galvanized Fittings, Add	*575.03*	
		For Work In Restricted Working Space, Add	*38.74*	
23 21 13 23-1773	EA	10" x 6", Grooved Eccentric Reducer	2,466.72	95.26
		For Galvanized Fittings, Add	*433.63*	
		For Work In Restricted Working Space, Add	*42.87*	
23 21 13 23-1774	EA	10" x 8", Grooved Eccentric Reducer	2,121.17	102.95
		For Galvanized Fittings, Add	*367.01*	
		For Work In Restricted Working Space, Add	*46.31*	
23 21 13 23-1775	EA	12" x 4", Grooved Eccentric Reducer	3,462.43	91.13
		For Galvanized Fittings, Add	*501.87*	
		For Work In Restricted Working Space, Add	*40.97*	
23 21 13 23-1776	EA	12" x 6", Grooved Eccentric Reducer	3,263.92	106.39
		For Galvanized Fittings, Add	*468.46*	
		For Work In Restricted Working Space, Add	*47.85*	
23 21 13 23-1777	EA	12" x 8", Grooved Eccentric Reducer	3,195.98	114.09
		For Galvanized Fittings, Add	*456.47*	
		For Work In Restricted Working Space, Add	*51.30*	
23 21 13 23-1778	EA	12" x 10", Grooved Eccentric Reducer	2,892.59	122.12
		For Galvanized Fittings, Add	*408.86*	
		For Work In Restricted Working Space, Add	*54.93*	

23 21 13 23-1779 Grooved, Close Nipple *(23 21 13 23-1667)*
Note: Victaulic No. 143

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1780	EA	1-1/4" Ductile Iron, Grooved, Close Nipple	65.89	15.15
		For 300 Lb. Rating, Add	*6.44*	
		For Galvanized Fittings, Add	*7.73*	
		For Work In Restricted Working Space, Add	*6.89*	
		For Galvanized Fittings, Add	*10.99*	
23 21 13 23-1781	EA	1-1/2" Ductile Iron, Grooved, Close Nipple	75.48	18.94
		For 300 Lb. Rating, Add	*7.02*	
		For Galvanized Fittings, Add	*8.42*	
		For Work In Restricted Working Space, Add	*8.61*	
		For Galvanized Fittings, Add	*11.98*	
23 21 13 23-1782	EA	2" Ductile Iron, Grooved, Close Nipple	94.27	25.00
		For 300 Lb. Rating, Add	*8.46*	
		For Galvanized Fittings, Add	*10.15*	
		For Work In Restricted Working Space, Add	*11.36*	
		For Galvanized Fittings, Add	*14.44*	
23 21 13 23-1783	EA	2-1/2" Ductile Iron, Grooved, Close Nipple	112.55	30.30
		For 300 Lb. Rating, Add	*10.00*	
		For Galvanized Fittings, Add	*12.00*	
		For Work In Restricted Working Space, Add	*13.77*	
		For Galvanized Fittings, Add	*17.06*	

23 21 13 23-1784 Grooved Caps *(23 21 13 23-1667)*

Note: Victaulic No. 60

23 21 13 23-1785	EA	1" Carbon Steel Grooved Cap	127.18	4.70
		For Work In Restricted Working Space, Add	*2.82*	
23 21 13 23-1786	EA	1-1/4" Carbon Steel Grooved Cap	129.48	5.85
		For Work In Restricted Working Space, Add	*3.51*	
23 21 13 23-1787	EA	1-1/2" Carbon Steel Grooved Cap	132.00	7.12
		For Work In Restricted Working Space, Add	*4.27*	
23 21 13 23-1788	EA	2" Carbon Steel Grooved Cap	136.48	9.41
		For Work In Restricted Working Space, Add	*5.61*	
23 21 13 23-1789	EA	2-1/2" Carbon Steel Grooved Cap	140.61	11.48
		For Work In Restricted Working Space, Add	*6.85*	
23 21 13 23-1790	EA	3" Carbon Steel Grooved Cap	145.43	13.88
		For Work In Restricted Working Space, Add	*8.30*	
23 21 13 23-1791	EA	4" Carbon Steel Grooved Cap	162.08	18.36
		For Work In Restricted Working Space, Add	*10.98*	
23 21 13 23-1792	EA	5" Carbon Steel Grooved Cap	334.02	22.84
		For Work In Restricted Working Space, Add	*13.70*	
23 21 13 23-1793	EA	6" Carbon Steel Grooved Cap	347.74	29.95
		For Work In Restricted Working Space, Add	*17.94*	
23 21 13 23-1794	EA	8" Carbon Steel Grooved Cap	618.67	35.58
		For Work In Restricted Working Space, Add	*21.35*	
23 21 13 23-1795	EA	10" Carbon Steel Grooved Cap	1,037.86	41.54
		For Work In Restricted Working Space, Add	*24.89*	
23 21 13 23-1796	EA	12" Carbon Steel Grooved Cap	1,769.16	49.81
		For Work In Restricted Working Space, Add	*29.89*	

23 21 13 23-1797 Grooved Couplings *(23 21 13 23-1488)*

23 21 13 23-1798 Flexible Grooved Coupling *(23 21 13 23-1797)*

Note: Victaulic Style 77

23 21 13 23-1799	EA	3/4" Grooved Standard Coupling	23.56	6.20
		For Work In Restricted Working Space, Add	*2.81*	
		For Galvanized Fittings, Add	*3.97*	
23 21 13 23-1800	EA	1" Grooved Standard Coupling	23.56	6.20
		For Work In Restricted Working Space, Add	*2.81*	
		For Galvanized Fittings, Add	*3.97*	
23 21 13 23-1801	EA	1-1/4" Grooved Standard Coupling	30.59	7.80
		For Work In Restricted Working Space, Add	*3.52*	
		For Galvanized Fittings, Add	*5.28*	
23 21 13 23-1802	EA	1-1/2" Grooved Standard Coupling	34.63	9.29
		For Work In Restricted Working Space, Add	*4.20*	
		For Galvanized Fittings, Add	*5.78*	
23 21 13 23-1803	EA	2" Grooved Standard Coupling	40.56	12.52
		For Work In Restricted Working Space, Add	*5.63*	
		For Galvanized Fittings, Add	*6.10*	
23 21 13 23-1804	EA	2-1/2" Grooved Standard Coupling	48.94	15.26
		For Work In Restricted Working Space, Add	*6.86*	
		For Galvanized Fittings, Add	*7.31*	
23 21 13 23-1805	EA	3" Grooved Standard Coupling	53.37	18.24
		For Work In Restricted Working Space, Add	*8.18*	
		For Galvanized Fittings, Add	*7.31*	
23 21 13 23-1806	EA	3-1/2" Grooved Standard Coupling	74.10	21.35
		For Work In Restricted Working Space, Add	*9.62*	
		For Galvanized Fittings, Add	*11.77*	
23 21 13 23-1807	EA	4" Grooved Standard Coupling	78.59	24.34
		For Work In Restricted Working Space, Add	*10.97*	
		For Galvanized Fittings, Add	*11.77*	
23 21 13 23-1808	EA	5" Grooved Standard Coupling	110.15	30.53
		For Work In Restricted Working Space, Add	*13.71*	
		For Galvanized Fittings, Add	*18.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1809	EA	6" Grooved Standard Coupling	135.97	39.83
		For Work In Restricted Working Space, Add	*17.93*	
		For Galvanized Fittings, Add	*21.33*	
23 21 13 23-1810	EA	8" Grooved Standard Coupling	195.36	47.51
		For Work In Restricted Working Space, Add	*21.35*	
		For Galvanized Fittings, Add	*34.78*	
23 21 13 23-1811	EA	10" Grooved Standard Coupling	291.81	56.93
		For Work In Restricted Working Space, Add	*25.62*	
		For Galvanized Fittings, Add	*57.79*	
23 21 13 23-1812	EA	12" Grooved Standard Coupling	328.43	62.32
		For Work In Restricted Working Space, Add	*28.02*	
		For Galvanized Fittings, Add	*65.81*	

23 21 13 23-1813 Zero-Flex® Rigid Coupling *(23 21 13 23-1797)*

Note: Victaulic Style 07

23 21 13 23-1814	EA	1" Grooved Rigid Coupling	29.11	6.20
		For Galvanized Fittings, Add	*4.84*	
		For Work In Restricted Working Space, Add	*2.81*	
23 21 13 23-1815	EA	1-1/4" Grooved Rigid Coupling	31.46	7.80
		For Galvanized Fittings, Add	*4.84*	
		For Work In Restricted Working Space, Add	*3.52*	
23 21 13 23-1816	EA	1-1/2" Grooved Rigid Coupling	33.74	9.29
		For Galvanized Fittings, Add	*4.84*	
		For Work In Restricted Working Space, Add	*4.20*	
23 21 13 23-1817	EA	2" Grooved Rigid Coupling	39.00	12.52
		For Galvanized Fittings, Add	*4.96*	
		For Work In Restricted Working Space, Add	*5.63*	
23 21 13 23-1818	EA	2-1/2" Grooved Rigid Coupling	46.18	15.26
		For Galvanized Fittings, Add	*5.72*	
		For Work In Restricted Working Space, Add	*6.86*	
23 21 13 23-1819	EA	3" Grooved Rigid Coupling	50.61	18.24
		For Galvanized Fittings, Add	*5.72*	
		For Work In Restricted Working Space, Add	*8.18*	
23 21 13 23-1820	EA	3-1/2" Grooved Rigid Coupling	59.33	21.35
		For Galvanized Fittings, Add	*6.68*	
		For Work In Restricted Working Space, Add	*9.62*	
23 21 13 23-1821	EA	4" Grooved Rigid Coupling	75.19	24.34
		For Galvanized Fittings, Add	*9.47*	
		For Work In Restricted Working Space, Add	*10.97*	
23 21 13 23-1822	EA	5" Grooved Rigid Coupling	95.87	30.53
		For Galvanized Fittings, Add	*12.29*	
		For Work In Restricted Working Space, Add	*13.71*	
23 21 13 23-1823	EA	6" Grooved Rigid Coupling	126.86	39.83
		For Galvanized Fittings, Add	*16.43*	
		For Work In Restricted Working Space, Add	*17.93*	
23 21 13 23-1824	EA	8" Grooved Rigid Coupling	176.83	47.51
		For Galvanized Fittings, Add	*25.89*	
		For Work In Restricted Working Space, Add	*21.35*	
23 21 13 23-1825	EA	10" Grooved Rigid Coupling	274.75	56.93
		For Galvanized Fittings, Add	*46.39*	
		For Work In Restricted Working Space, Add	*25.62*	
23 21 13 23-1826	EA	12" Grooved Rigid Coupling	305.30	62.32
		For Galvanized Fittings, Add	*51.91*	
		For Work In Restricted Working Space, Add	*28.02*	

23 21 13 23-1827 Installation-Ready™ Coupling *(23 21 13 23-1797)*

Note: Victaulic Style 009N

23 21 13 23-1828	EA	1-1/4" Ductile Iron, Installation-Ready™ Coupling	84.41	5.80
		For Work In Restricted Working Space, Add	*2.63*	
		For Galvanized Fittings, Add	*19.36*	
23 21 13 23-1829	EA	1-1/2" Ductile Iron, Installation-Ready™ Coupling	87.69	6.93
		For Work In Restricted Working Space, Add	*3.15*	
		For Galvanized Fittings, Add	*19.76*	
23 21 13 23-1830	EA	2" Ductile Iron, Installation-Ready™ Coupling	101.44	9.31
		For Work In Restricted Working Space, Add	*4.24*	
		For Galvanized Fittings, Add	*22.35*	
23 21 13 23-1831	EA	2-1/2" Ductile Iron, Installation-Ready™ Coupling	117.68	11.29
		For Work In Restricted Working Space, Add	*5.13*	
		For Galvanized Fittings, Add	*25.75*	
23 21 13 23-1832	EA	3" Ductile Iron, Installation-Ready™ Coupling	134.36	13.56
		For Work In Restricted Working Space, Add	*6.16*	
		For Galvanized Fittings, Add	*29.14*	
23 21 13 23-1833	EA	4" Ductile Iron, Installation-Ready™ Coupling	187.26	18.10
		For Work In Restricted Working Space, Add	*8.23*	
		For Galvanized Fittings, Add	*40.92*	
23 21 13 23-1834	EA	5" Ductile Iron, Installation-Ready™ Coupling	295.74	22.65
		For Work In Restricted Working Space, Add	*10.29*	
		For Galvanized Fittings, Add	*66.93*	
23 21 13 23-1835	EA	6" Ductile Iron, Installation-Ready™ Coupling	357.26	29.62
		For Work In Restricted Working Space, Add	*13.46*	
		For Galvanized Fittings, Add	*79.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1836	EA	8" Ductile Iron, Installation-Ready™ Coupling	575.28	35.22
		For Work In Restricted Working Space, Add	*16.01*	
		For Galvanized Fittings, Add	*133.61*	
23 21 13 23-1837		**Grooved Strainers And Suction Diffusers** *(23 21 13 23-1488)*		
23 21 13 23-1838		**Grooved Wye Strainers** *(23 21 13 23-1837)*		
		Note: Victaulic Style 732		
23 21 13 23-1839	EA	2" Grooved Wye Strainer	2,660.51	25.25
		For Work In Restricted Working Space, Add	*11.25*	
23 21 13 23-1840	EA	2-1/2" Grooved Wye Strainer	2,800.90	30.65
		For Work In Restricted Working Space, Add	*13.71*	
23 21 13 23-1841	EA	3" Grooved Wye Strainer	3,149.95	36.73
		For Work In Restricted Working Space, Add	*16.61*	
23 21 13 23-1842	EA	4" Grooved Wye Strainer	3,575.96	49.00
		For Work In Restricted Working Space, Add	*21.93*	
23 21 13 23-1843	EA	5" Grooved Wye Strainer	5,165.52	61.29
		For Work In Restricted Working Space, Add	*27.41*	
23 21 13 23-1844	EA	6" Grooved Wye Strainer	5,628.16	79.65
		For Work In Restricted Working Space, Add	*35.87*	
23 21 13 23-1845	EA	8" Grooved Wye Strainer	8,587.28	94.92
		For Work In Restricted Working Space, Add	*42.70*	
23 21 13 23-1846	EA	10" Grooved Wye Strainer	13,741.70	110.98
		For Work In Restricted Working Space, Add	*49.82*	
23 21 13 23-1847	EA	12" Grooved Wye Strainer	23,914.81	133.25
		For Work In Restricted Working Space, Add	*59.78*	
23 21 13 23-1848		**Grooved Tee Type Strainers** *(23 21 13 23-1837)*		
		Note: Victaulic Style 730		
23 21 13 23-1849	EA	1-1/2" Grooved Tee Type Strainer	2,052.54	19.17
		For Work In Restricted Working Space, Add	*8.52*	
23 21 13 23-1850	EA	2" Grooved Tee Type Strainer	2,628.14	25.25
		For Work In Restricted Working Space, Add	*11.25*	
23 21 13 23-1851	EA	2-1/2" Grooved Tee Type Strainer	2,767.26	30.65
		For Work In Restricted Working Space, Add	*13.71*	
23 21 13 23-1852	EA	3" Grooved Tee Type Strainer	3,111.94	36.73
		For Work In Restricted Working Space, Add	*16.61*	
23 21 13 23-1853	EA	4" Grooved Tee Type Strainer	3,532.86	49.00
		For Work In Restricted Working Space, Add	*21.93*	
23 21 13 23-1854	EA	5" Grooved Tee Type Strainer	5,102.77	61.29
		For Work In Restricted Working Space, Add	*27.41*	
23 21 13 23-1855	EA	6" Grooved Tee Type Strainer	5,560.50	79.65
		For Work In Restricted Working Space, Add	*35.87*	
23 21 13 23-1856	EA	8" Grooved Tee Type Strainer	8,482.53	94.92
		For Work In Restricted Working Space, Add	*42.70*	
23 21 13 23-1857	EA	10" Grooved Tee Type Strainer	12,415.92	110.98
		For Work In Restricted Working Space, Add	*49.82*	
23 21 13 23-1858	EA	12" Grooved Tee Type Strainer	15,968.17	133.25
		For Work In Restricted Working Space, Add	*59.78*	
23 21 13 23-1859		**Grooved Suction Diffuser** *(23 21 13 23-1837)*		
		Note: Victaulic Style 731		
23 21 13 23-1860	EA	2-1/2" Grooved x 2" Flanged Suction Diffuser	5,421.00	28.35
		For Work In Restricted Working Space, Add	*12.56*	
23 21 13 23-1861	EA	3" Grooved x 2" Flanged Suction Diffuser	5,754.78	31.33
		For Work In Restricted Working Space, Add	*13.95*	
23 21 13 23-1862	EA	3" Grooved x 2-1/2" Flanged Suction Diffuser	4,158.19	36.73
		For Work In Restricted Working Space, Add	*16.61*	
23 21 13 23-1863	EA	3" Grooved x 3" Flanged Suction Diffuser	4,217.05	39.83
		For Work In Restricted Working Space, Add	*17.90*	
23 21 13 23-1864	EA	4" Grooved x 2-1/2" Flanged Suction Diffuser	4,567.87	39.83
		For Work In Restricted Working Space, Add	*17.91*	
23 21 13 23-1865	EA	4" Grooved x 3" Flanged Suction Diffuser	4,928.18	42.92
		For Work In Restricted Working Space, Add	*19.28*	
23 21 13 23-1866	EA	4" Grooved x 4" Flanged Suction Diffuser	5,697.50	42.92
		For Work In Restricted Working Space, Add	*19.46*	
23 21 13 23-1867	EA	5" Grooved x 4" Flanged Suction Diffuser	6,361.61	55.09
		For Work In Restricted Working Space, Add	*24.79*	
23 21 13 23-1868	EA	5" Grooved x 5" Flanged Suction Diffuser	6,684.84	58.19
		For Work In Restricted Working Space, Add	*26.17*	
23 21 13 23-1869	EA	6" Grooved x 4" Flanged Suction Diffuser	6,791.13	64.28
		For Work In Restricted Working Space, Add	*28.93*	
23 21 13 23-1870	EA	6" Grooved x 5" Flanged Suction Diffuser	8,114.09	70.47
		For Work In Restricted Working Space, Add	*31.68*	
23 21 13 23-1871	EA	6" Grooved x 6" Flanged Suction Diffuser	8,427.75	75.06
		For Work In Restricted Working Space, Add	*33.74*	
23 21 13 23-1872	EA	8" Grooved x 5" Flanged Suction Diffuser	8,647.50	78.04
		For Work In Restricted Working Space, Add	*35.12*	
23 21 13 23-1873	EA	8" Grooved x 6" Flanged Suction Diffuser	9,126.11	87.22
		For Work In Restricted Working Space, Add	*39.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1874	EA	8" Grooved x 8" Flanged Suction Diffuser	15,622.06	94.92
		For Work In Restricted Working Space, Add	*42.70*	
23 21 13 23-1875	EA	10" Grooved x 8" Flanged Suction Diffuser	17,621.30	102.61
		For Work In Restricted Working Space, Add	*46.31*	
23 21 13 23-1876	EA	10" Grooved x 10" Flanged Suction Diffuser	21,207.31	106.39
		For Work In Restricted Working Space, Add	*47.85*	
23 21 13 23-1877	EA	12" Grooved x 10" Flanged Suction Diffuser	25,097.14	122.46
		For Work In Restricted Working Space, Add	*54.93*	
23 21 13 23-1878	EA	12" Grooved x 12" Flanged Suction Diffuser	34,849.08	130.16
		For Work In Restricted Working Space, Add	*58.52*	

23 21 13 23-1879 Grooved Steel Valves *(23 21 13 23-1488)*

23 21 13 23-1880 Grooved Butterfly Valves With Standard Trim *(23 21 13 23-1879)*

23 21 13 23-1881	EA	1-1/2" Butterfly Valve, Grooved, With Standard Trim	290.97	12.52
		For Work In Restricted Working Space, Add	*5.63*	
23 21 13 23-1882	EA	2" Butterfly Valve, Grooved, With Standard Trim	296.89	16.41
		For Work In Restricted Working Space, Add	*7.40*	
23 21 13 23-1883	EA	3" Butterfly Valve, Grooved, With Standard Trim	486.99	24.34
		For Work In Restricted Working Space, Add	*10.97*	
23 21 13 23-1884	EA	4" Butterfly Valve, Grooved, With Standard Trim	654.09	32.02
		For Work In Restricted Working Space, Add	*14.43*	
23 21 13 23-1885	EA	6" Butterfly Valve, Grooved, With Standard Trim	1,426.73	52.45
		For Work In Restricted Working Space, Add	*23.60*	
23 21 13 23-1886	EA	8" Butterfly Valve, Grooved, With Standard Trim	1,977.27	73.80
		For Work In Restricted Working Space, Add	*33.21*	
23 21 13 23-1887	EA	10" Butterfly Valve, Grooved, With Standard Trim	2,968.75	99.74
		For Work In Restricted Working Space, Add	*44.84*	

23 21 13 23-1888 Grooved Butterfly Valves With Stainless Steel Trim *(23 21 13 23-1879)*

23 21 13 23-1889	EA	1-1/2" Butterfly Valve, Grooved, With Stainless Steel Trim	436.79	12.52
		For Work In Restricted Working Space, Add	*5.63*	
23 21 13 23-1890	EA	2" Butterfly Valve, Grooved, With Stainless Steel Trim	442.71	16.41
		For Work In Restricted Working Space, Add	*7.40*	
23 21 13 23-1891	EA	3" Butterfly Valve, Grooved, With Stainless Steel Trim	684.66	24.34
		For Work In Restricted Working Space, Add	*10.97*	
23 21 13 23-1892	EA	4" Butterfly Valve, Grooved, With Stainless Steel Trim	871.21	32.02
		For Work In Restricted Working Space, Add	*14.43*	
23 21 13 23-1893	EA	6" Butterfly Valve, Grooved, With Stainless Steel Trim	1,666.53	52.45
		For Work In Restricted Working Space, Add	*23.60*	
23 21 13 23-1894	EA	8" Butterfly Valve, Grooved, With Stainless Steel Trim	2,767.97	73.80
		For Work In Restricted Working Space, Add	*33.21*	
23 21 13 23-1895	EA	10" Butterfly Valve, Grooved, With Stainless Steel Trim	4,362.19	99.74
		For Work In Restricted Working Space, Add	*44.84*	

23 21 13 23-1896 Grooved Ball Valves With Standard Trim And Handle *(23 21 13 23-1879)*

Note: Victaulic No. 721

23 21 13 23-1897	EA	1-1/2" Ball Valve, Grooved, With Standard Trim	245.64	12.28
		For Work In Restricted Working Space, Add	*5.63*	
23 21 13 23-1898	EA	2" Ball Valve, Grooved, With Standard Trim	281.53	16.87
		For Work In Restricted Working Space, Add	*7.40*	
23 21 13 23-1899	EA	2-1/2" Ball Valve, Grooved, With Standard Trim	641.60	20.66
		For Work In Restricted Working Space, Add	*9.29*	
23 21 13 23-1900	EA	3" Ball Valve, Grooved, With Standard Trim	1,051.54	24.45
		For Work In Restricted Working Space, Add	*10.97*	
23 21 13 23-1901	EA	4" Ball Valve, Grooved, With Standard Trim	1,637.15	32.14
		For Work In Restricted Working Space, Add	*14.43*	
23 21 13 23-1902	EA	6" Ball Valve, Grooved, With Standard Trim	5,087.36	52.80
		For Work In Restricted Working Space, Add	*23.60*	

23 21 13 23-1903 Grooved Ball Valves With Stainless Steel Trim And Handle *(23 21 13 23-1879)*

Note: Victaulic No. 721

23 21 13 23-1904	EA	1-1/2" Ball Valve, Grooved, With Stainless Steel Trim	261.61	12.28
		For Work In Restricted Working Space, Add	*5.63*	
23 21 13 23-1905	EA	2" Ball Valve, Grooved, With Stainless Steel Trim	447.32	16.87
		For Work In Restricted Working Space, Add	*7.40*	
23 21 13 23-1906	EA	2-1/2" Ball Valve, Grooved, With Stainless Steel Trim	1,164.37	20.66
		For Work In Restricted Working Space, Add	*9.29*	
23 21 13 23-1907	EA	3" Ball Valve, Grooved, With Stainless Steel Trim	1,505.59	24.45
		For Work In Restricted Working Space, Add	*10.97*	
23 21 13 23-1908	EA	4" Ball Valve, Grooved, With Stainless Steel Trim	2,056.74	32.14
		For Work In Restricted Working Space, Add	*14.43*	
23 21 13 23-1909	EA	6" Ball Valve, Grooved, With Stainless Steel Trim	5,607.29	52.80
		For Work In Restricted Working Space, Add	*23.60*	

23 21 13 23-1910 Grooved Check Valves *(23 21 13 23-1879)*

Note: Victaulic No. 712

23 21 13 23-1911	EA	2" Check Valve, Grooved	372.80	16.87
		For Work In Restricted Working Space, Add	*7.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1912	EA	2-1/2" Check Valve, Grooved	604.74	20.66
		For Work In Restricted Working Space, Add	*9.29*	
23 21 13 23-1913	EA	3" Check Valve, Grooved	704.65	24.45
		For Work In Restricted Working Space, Add	*10.97*	
23 21 13 23-1914	EA	4" Check Valve, Grooved	998.66	32.14
		For Work In Restricted Working Space, Add	*14.43*	

23 21 13 23-1915 Grooved Vic-Check Check Valves *(23 21 13 23-1879)*

Note: Victaulic No. 716

23 21 13 23-1916	EA	2-1/2" "Vic-Check" Check Valve, Grooved	483.50	20.66
		For Work In Restricted Working Space, Add	*9.29*	
23 21 13 23-1917	EA	3" "Vic-Check" Check Valve, Grooved	489.08	24.45
		For Work In Restricted Working Space, Add	*10.97*	
23 21 13 23-1918	EA	4" "Vic-Check" Check Valve, Grooved	613.02	32.14
		For Work In Restricted Working Space, Add	*14.43*	
23 21 13 23-1919	EA	6" "Vic-Check" Check Valve, Grooved	1,194.42	52.80
		For Work In Restricted Working Space, Add	*23.60*	
23 21 13 23-1920	EA	8" "Vic-Check" Check Valve, Grooved	1,634.42	73.45
		For Work In Restricted Working Space, Add	*32.83*	
23 21 13 23-1921	EA	10" "Vic-Check" Check Valve, Grooved	4,561.35	99.51
		For Work In Restricted Working Space, Add	*44.46*	
23 21 13 23-1922	EA	12" "Vic-Check" Check Valve, Grooved	5,401.27	114.89
		For Work In Restricted Working Space, Add	*51.30*	

23 21 13 23-1923 Grooved Plug Valves With Lever Operator *(23 21 13 23-1879)*

Note: Victaulic No. 377

23 21 13 23-1924	EA	3" Balancing Plug Valve, Grooved, With Lever Handle	1,379.22	24.45
		For Work In Restricted Working Space, Add	*10.97*	
23 21 13 23-1925	EA	4" Balancing Plug Valve, Grooved, With Lever Handle	1,525.57	32.14
		For Work In Restricted Working Space, Add	*14.43*	
23 21 13 23-1926	EA	6" Balancing Plug Valve, Grooved, With Lever Handle	2,728.54	52.80
		For Work In Restricted Working Space, Add	*23.60*	

23 21 13 23-1927 Grooved Plug Valve With Gear Operator *(23 21 13 23-1879)*

Note: Victaulic No. 377

23 21 13 23-1928	EA	3" Balancing Plug Valve, Grooved, With Gear Operator	2,462.07	24.45
		For Work In Restricted Working Space, Add	*10.97*	
23 21 13 23-1929	EA	4" Balancing Plug Valve, Grooved, With Gear Operator	2,608.51	32.14
		For Work In Restricted Working Space, Add	*14.43*	
23 21 13 23-1930	EA	6" Balancing Plug Valve, Grooved, With Gear Operator	3,811.49	52.80
		For Work In Restricted Working Space, Add	*23.60*	
23 21 13 23-1931	EA	8" Balancing Plug Valve, Grooved, With Gear Operator	5,095.68	73.45
		For Work In Restricted Working Space, Add	*32.83*	
23 21 13 23-1932	EA	10" Balancing Plug Valve, Grooved, With Gear Operator	8,011.53	99.51
		For Work In Restricted Working Space, Add	*44.46*	
23 21 13 23-1933	EA	12" Balancing Plug Valve, Grooved, With Gear Operator	11,624.52	114.89
		For Work In Restricted Working Space, Add	*51.30*	

23 21 13 23-1934 Prepare Pipe For Groove *(23 21 13 23-1488)*

23 21 13 23-1935 Cut Grooved Pipe *(23 21 13 23-1934)*

Note: For use where connecting ungrooved pipe with grooved pipe, coupling to grooved pipe, or for field groove preparation on existing cut pipe.

23 21 13 23-1936	EA	Cut 3/4" Groove Pipe	12.02	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-1937	EA	Cut 1" Groove Pipe	13.06	
		For Work In Restricted Working Space, Add	*3.92*	
23 21 13 23-1938	EA	Cut 1-1/4" Groove Pipe	14.74	
		For Work In Restricted Working Space, Add	*4.42*	
23 21 13 23-1939	EA	Cut 1-1/2" Groove Pipe	16.03	
		For Work In Restricted Working Space, Add	*4.81*	
23 21 13 23-1940	EA	Cut 2" Groove Pipe	17.57	
		For Work In Restricted Working Space, Add	*5.27*	
23 21 13 23-1941	EA	Cut 2-1/2" Groove Pipe	19.04	
		For Work In Restricted Working Space, Add	*5.71*	
23 21 13 23-1942	EA	Cut 3" Groove Pipe	20.77	
		For Work In Restricted Working Space, Add	*6.23*	
23 21 13 23-1943	EA	Cut 3-1/2" Groove Pipe	22.02	
		For Work In Restricted Working Space, Add	*6.61*	
23 21 13 23-1944	EA	Cut 4" Groove Pipe	23.43	
		For Work In Restricted Working Space, Add	*7.03*	
23 21 13 23-1945	EA	Cut 5" Groove Pipe	25.38	
		For Work In Restricted Working Space, Add	*7.61*	
23 21 13 23-1946	EA	Cut 6" Groove Pipe	26.11	
		For Work In Restricted Working Space, Add	*7.83*	
23 21 13 23-1947	EA	Cut 8" Groove Pipe	33.84	
		For Work In Restricted Working Space, Add	*10.15*	
23 21 13 23-1948	EA	Cut 10" Groove Pipe	48.10	
		For Work In Restricted Working Space, Add	*14.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1949	EA	Cut 12" Groove Pipe	60.91	
		For Work In Restricted Working Space, Add	*18.27*	

23 21 13 23-1950 Roll Grooved Pipe *(23 21 13 23-1934)*

Note: For use where connecting ungrooved pipe with grooved pipe, coupling to grooved pipe, or for field groove preparation on existing cut pipe.

23 21 13 23-1951	EA	Roll 3/4" Groove	6.87	
		For Work In Restricted Working Space, Add	*2.06*	
23 21 13 23-1952	EA	Roll 1" Groove	8.01	
		For Work In Restricted Working Space, Add	*2.40*	
23 21 13 23-1953	EA	Roll 1-1/4" Groove	9.14	
		For Work In Restricted Working Space, Add	*2.74*	
23 21 13 23-1954	EA	Roll 1-1/2" Groove	10.27	
		For Work In Restricted Working Space, Add	*3.08*	
23 21 13 23-1955	EA	Roll 2" Groove	15.76	
		For Work In Restricted Working Space, Add	*4.73*	
23 21 13 23-1956	EA	Roll 2-1/2" Groove	16.61	
		For Work In Restricted Working Space, Add	*4.98*	
23 21 13 23-1957	EA	Roll 3" Groove	18.27	
		For Work In Restricted Working Space, Add	*5.48*	
23 21 13 23-1958	EA	Roll 3-1/2" Groove	19.44	
		For Work In Restricted Working Space, Add	*5.83*	
23 21 13 23-1959	EA	Roll 4" Groove	21.25	
		For Work In Restricted Working Space, Add	*6.38*	
23 21 13 23-1960	EA	Roll 5" Groove	21.76	
		For Work In Restricted Working Space, Add	*6.53*	
23 21 13 23-1961	EA	Roll 6" Groove	22.85	
		For Work In Restricted Working Space, Add	*6.86*	
23 21 13 23-1962	EA	Roll 8" Groove	27.69	
		For Work In Restricted Working Space, Add	*8.31*	
23 21 13 23-1963	EA	Roll 10" Groove	31.51	
		For Work In Restricted Working Space, Add	*9.45*	
23 21 13 23-1964	EA	Roll 12" Groove	39.73	
		For Work In Restricted Working Space, Add	*11.92*	

23 21 13 23-1965 Standard Gaskets *(23 21 13 23-1934)*

Note: For use on replacement of existing gaskets.

23 21 13 23-1966	EA	3/4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	15.02	
		For Work In Restricted Working Space, Add	*1.43*	
23 21 13 23-1967	EA	1" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	15.98	
		For Work In Restricted Working Space, Add	*1.72*	
23 21 13 23-1968	EA	1-1/4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	16.90	
		For Work In Restricted Working Space, Add	*1.91*	
23 21 13 23-1969	EA	1-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	18.62	
		For Work In Restricted Working Space, Add	*2.15*	
23 21 13 23-1970	EA	2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	19.31	
		For Work In Restricted Working Space, Add	*2.36*	
23 21 13 23-1971	EA	2-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	22.12	
		For Work In Restricted Working Space, Add	*2.46*	
23 21 13 23-1972	EA	3" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	24.39	
		For Work In Restricted Working Space, Add	*2.78*	
23 21 13 23-1973	EA	3-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	29.38	
		For Work In Restricted Working Space, Add	*3.02*	
23 21 13 23-1974	EA	4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	29.93	
		For Work In Restricted Working Space, Add	*3.19*	
23 21 13 23-1975	EA	5" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	36.16	
		For Work In Restricted Working Space, Add	*3.28*	
23 21 13 23-1976	EA	6" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	38.74	
		For Work In Restricted Working Space, Add	*3.44*	
23 21 13 23-1977	EA	8" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	52.00	
		For Work In Restricted Working Space, Add	*4.31*	
23 21 13 23-1978	EA	10" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	64.21	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-1979	EA	12" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	76.58	
		For Work In Restricted Working Space, Add	*6.15*	
23 21 13 23-1980	EA	14" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	107.73	
		For Work In Restricted Working Space, Add	*9.06*	
23 21 13 23-1981	EA	16" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	140.01	
		For Work In Restricted Working Space, Add	*9.78*	
23 21 13 23-1982	EA	18" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	163.48	
		For Work In Restricted Working Space, Add	*10.13*	
23 21 13 23-1983	EA	20" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	235.44	
		For Work In Restricted Working Space, Add	*10.76*	
23 21 13 23-1984	EA	24" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	318.39	
		For Work In Restricted Working Space, Add	*12.30*	

23 21 13 23-1985 Copper Grooved-Joint Pipe Fittings *(23 21 13 23)*

Note: Couplings are not included with fittings.

23 21 13 23-1986 Grooved Fittings *(23 21 13 23-1985)*

23 21 13 23-1987 Grooved 90 Degree Elbows *(23 21 13 23-1986)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1988	EA	2" Copper 90 Degree Elbow, Grooved	156.48	18.71
		For Work In Restricted Working Space, Add	*11.25*	
23 21 13 23-1989	EA	2-1/2" Copper 90 Degree Elbow, Grooved	174.45	22.84
		For Work In Restricted Working Space, Add	*13.71*	
23 21 13 23-1990	EA	3" Copper 90 Degree Elbow, Grooved	235.76	27.66
		For Work In Restricted Working Space, Add	*16.61*	
23 21 13 23-1991	EA	4" Copper 90 Degree Elbow, Grooved	487.12	36.50
		For Work In Restricted Working Space, Add	*21.93*	
23 21 13 23-1992	EA	5" Copper 90 Degree Elbow, Grooved	1,264.90	45.68
		For Work In Restricted Working Space, Add	*27.41*	
23 21 13 23-1993	EA	6" Copper 90 Degree Elbow, Grooved	1,992.31	59.80
		For Work In Restricted Working Space, Add	*35.87*	
23 21 13 23-1994	EA	8" Copper 90 Degree Elbow, Grooved	3,658.06	71.15
		For Work In Restricted Working Space, Add	*42.70*	

23 21 13 23-1995 Grooved 45 Degree Elbows *(23 21 13 23-1986)*

23 21 13 23-1996	EA	2" Copper 45 Degree Elbow, Grooved	156.48	18.71
		For Work In Restricted Working Space, Add	*11.25*	
23 21 13 23-1997	EA	2-1/2" Copper 45 Degree Elbow, Grooved	174.45	22.84
		For Work In Restricted Working Space, Add	*13.71*	
23 21 13 23-1998	EA	3" Copper 45 Degree Elbow, Grooved	235.76	27.66
		For Work In Restricted Working Space, Add	*16.61*	
23 21 13 23-1999	EA	4" Copper 45 Degree Elbow, Grooved	487.12	36.50
		For Work In Restricted Working Space, Add	*21.93*	
23 21 13 23-2000	EA	5" Copper 45 Degree Elbow, Grooved	1,264.90	45.68
		For Work In Restricted Working Space, Add	*27.41*	
23 21 13 23-2001	EA	6" Copper 45 Degree Elbow, Grooved	1,992.31	59.80
		For Work In Restricted Working Space, Add	*35.87*	
23 21 13 23-2002	EA	8" Copper 45 Degree Elbow, Grooved	3,658.06	71.15
		For Work In Restricted Working Space, Add	*42.70*	

23 21 13 23-2003 Grooved Tees *(23 21 13 23-1986)*

23 21 13 23-2004	EA	2" Copper Tee, Grooved	250.21	27.55
		For Work In Restricted Working Space, Add	*16.55*	
23 21 13 23-2005	EA	2-1/2" Copper Tee, Grooved	274.68	33.86
		For Work In Restricted Working Space, Add	*20.31*	
23 21 13 23-2006	EA	3" Copper Tee, Grooved	391.12	41.54
		For Work In Restricted Working Space, Add	*24.92*	
23 21 13 23-2007	EA	4" Copper Tee, Grooved	782.83	53.72
		For Work In Restricted Working Space, Add	*32.25*	
23 21 13 23-2008	EA	5" Copper Tee, Grooved	3,112.34	70.24
		For Work In Restricted Working Space, Add	*42.18*	
23 21 13 23-2009	EA	6" Copper Tee, Grooved	2,510.40	87.92
		For Work In Restricted Working Space, Add	*52.75*	
23 21 13 23-2010	EA	8" Copper Tee, Grooved	4,382.25	106.74
		For Work In Restricted Working Space, Add	*64.05*	

23 21 13 23-2011 Grooved Reducing Tees *(23 21 13 23-1986)*

23 21 13 23-2012	EA	2-1/2" Copper Tee, Reducing, Grooved	376.27	33.86
		For Work In Restricted Working Space, Add	*20.31*	
23 21 13 23-2013	EA	3" Copper Tee, Reducing, Grooved	606.82	41.54
		For Work In Restricted Working Space, Add	*24.92*	
23 21 13 23-2014	EA	4" Copper Tee, Reducing, Grooved	994.72	53.83
		For Work In Restricted Working Space, Add	*32.25*	
23 21 13 23-2015	EA	5" Copper Tee, Reducing, Grooved	2,848.42	70.36
		For Work In Restricted Working Space, Add	*42.18*	
23 21 13 23-2016	EA	6" Copper Tee, Reducing, Grooved	3,481.82	87.92
		For Work In Restricted Working Space, Add	*52.75*	

23 21 13 23-2017 Grooved X Cup Reducing Tees *(23 21 13 23-1986)*

23 21 13 23-2018	EA	2" Copper Tee, Reducing, Grooved X Cup	304.54	27.55
		For Work In Restricted Working Space, Add	*16.55*	
23 21 13 23-2019	EA	2-1/2" Copper Tee, Reducing, Grooved X Cup	377.38	33.86
		For Work In Restricted Working Space, Add	*20.31*	
23 21 13 23-2020	EA	3" Copper Tee, Reducing, Grooved X Cup	655.71	41.54
		For Work In Restricted Working Space, Add	*24.92*	
23 21 13 23-2021	EA	4" Copper Tee, Reducing, Grooved X Cup	994.72	53.72
		For Work In Restricted Working Space, Add	*32.25*	

23 21 13 23-2022 Grooved Flanged Adapter Nipples *(23 21 13 23-1986)*

23 21 13 23-2023	EA	2" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	554.08	20.32
		For Work In Restricted Working Space, Add	*12.23*	
23 21 13 23-2024	EA	2-1/2" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	583.93	24.68
		For Work In Restricted Working Space, Add	*14.82*	
23 21 13 23-2025	EA	3" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	618.94	29.50
		For Work In Restricted Working Space, Add	*17.69*	
23 21 13 23-2026	EA	4" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	693.36	39.71
		For Work In Restricted Working Space, Add	*23.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2027	EA	5" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	921.41	48.09
		For Work In Restricted Working Space, Add	*28.85*	
23 21 13 23-2028	EA	6" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	1,027.92	64.96
		For Work In Restricted Working Space, Add	*38.99*	

23 21 13 23-2029 Grooved Concentric Reducers *(23 21 13 23-1986)*

23 21 13 23-2030	EA	2-1/2" x 2" Copper Concentric Reducer, Grooved	212.48	20.89
		For Work In Restricted Working Space, Add	*12.56*	
23 21 13 23-2031	EA	3" x 2" Copper Concentric Reducer, Grooved	217.09	23.30
		For Work In Restricted Working Space, Add	*13.95*	
23 21 13 23-2032	EA	3" x 2-1/2" Copper Concentric Reducer, Grooved	225.98	27.66
		For Work In Restricted Working Space, Add	*16.61*	
23 21 13 23-2033	EA	4" x 2" Copper Concentric Reducer, Grooved	404.49	27.89
		For Work In Restricted Working Space, Add	*16.70*	
23 21 13 23-2034	EA	4" x 2-1/2" Copper Concentric Reducer, Grooved	408.51	29.84
		For Work In Restricted Working Space, Add	*17.91*	
23 21 13 23-2035	EA	4" x 3" Copper Concentric Reducer, Grooved	413.10	32.14
		For Work In Restricted Working Space, Add	*19.28*	
23 21 13 23-2036	EA	5" x 3" Copper Concentric Reducer, Grooved	1,054.66	36.73
		For Work In Restricted Working Space, Add	*22.04*	
23 21 13 23-2037	EA	5" x 4" Copper Concentric Reducer, Grooved	1,063.84	41.32
		For Work In Restricted Working Space, Add	*24.79*	
23 21 13 23-2038	EA	6" x 3" Copper Concentric Reducer, Grooved	1,149.39	43.62
		For Work In Restricted Working Space, Add	*26.17*	
23 21 13 23-2039	EA	6" x 4" Copper Concentric Reducer, Grooved	1,158.57	48.21
		For Work In Restricted Working Space, Add	*28.93*	
23 21 13 23-2040	EA	6" x 5" Copper Concentric Reducer, Grooved	1,167.76	52.80
		For Work In Restricted Working Space, Add	*31.68*	
23 21 13 23-2041	EA	8" x 6" Copper Concentric Reducer, Grooved	1,994.92	65.42
		For Work In Restricted Working Space, Add	*39.25*	

23 21 13 23-2042 Grooved X Cup Concentric Reducers *(23 21 13 23-1986)*

23 21 13 23-2043	EA	2" x 1" Copper Concentric Reducer, Grooved X Cup	170.54	14.69
		For Work In Restricted Working Space, Add	*8.78*	
23 21 13 23-2044	EA	2" x 1-1/4" Copper Concentric Reducer, Grooved X Cup	171.69	15.26
		For Work In Restricted Working Space, Add	*9.13*	
23 21 13 23-2045	EA	2" x 1-1/2" Copper Concentric Reducer, Grooved X Cup	175.19	16.99
		For Work In Restricted Working Space, Add	*10.18*	
23 21 13 23-2046	EA	2-1/2" x 1" Copper Concentric Reducer, Grooved X Cup	205.57	16.41
		For Work In Restricted Working Space, Add	*9.84*	
23 21 13 23-2047	EA	2-1/2" x 1-1/4" Copper Concentric Reducer, Grooved X Cup	206.70	16.99
		For Work In Restricted Working Space, Add	*10.18*	
23 21 13 23-2048	EA	2-1/2" x 1-1/2" Copper Concentric Reducer, Grooved X Cup	210.07	18.71
		For Work In Restricted Working Space, Add	*11.19*	
23 21 13 23-2049	EA	2-1/2" x 2" Copper Concentric Reducer, Grooved X Cup	214.66	20.89
		For Work In Restricted Working Space, Add	*12.56*	
23 21 13 23-2050	EA	3" x 1-1/2" Copper Concentric Reducer, Grooved X Cup	256.47	20.89
		For Work In Restricted Working Space, Add	*12.56*	
23 21 13 23-2051	EA	3" x 2" Copper Concentric Reducer, Grooved X Cup	261.08	23.30
		For Work In Restricted Working Space, Add	*13.95*	
23 21 13 23-2052	EA	4" x 2" Copper Concentric Reducer, Grooved X Cup	453.93	27.78
		For Work In Restricted Working Space, Add	*16.70*	

23 21 13 23-2053 Grooved Standard Couplings *(23 21 13 23-1986)*

23 21 13 23-2054	EA	2" Copper Standard Coupling, Grooved	59.78	9.41
		For Work In Restricted Working Space, Add	*5.63*	
23 21 13 23-2055	EA	2-1/2" Copper Standard Coupling, Grooved	69.87	11.48
		For Work In Restricted Working Space, Add	*6.86*	
23 21 13 23-2056	EA	3" Copper Standard Coupling, Grooved	79.03	13.65
		For Work In Restricted Working Space, Add	*8.18*	
23 21 13 23-2057	EA	4" Copper Standard Coupling, Grooved	115.76	18.36
		For Work In Restricted Working Space, Add	*10.97*	
23 21 13 23-2058	EA	5" Copper Standard Coupling, Grooved	180.44	22.84
		For Work In Restricted Working Space, Add	*13.71*	
23 21 13 23-2059	EA	6" Copper Standard Coupling, Grooved	237.76	29.84
		For Work In Restricted Working Space, Add	*17.93*	
23 21 13 23-2060	EA	8" Copper Standard Coupling, Grooved	348.24	35.58
		For Work In Restricted Working Space, Add	*21.35*	

23 21 13 23-2061 Grooved Caps *(23 21 13 23-1986)*

23 21 13 23-2062	EA	2" Copper Cap, Grooved	100.78	9.41
		For Work In Restricted Working Space, Add	*5.63*	
23 21 13 23-2063	EA	2-1/2" Copper Cap, Grooved	144.56	11.48
		For Work In Restricted Working Space, Add	*6.86*	
23 21 13 23-2064	EA	3" Copper Cap, Grooved	178.31	13.65
		For Work In Restricted Working Space, Add	*8.18*	
23 21 13 23-2065	EA	4" Copper Cap, Grooved	263.11	18.24
		For Work In Restricted Working Space, Add	*10.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2066	EA	5" Copper Cap, Grooved	447.39	22.84
		For Work In Restricted Working Space, Add	*13.71*	
23 21 13 23-2067	EA	6" Copper Cap, Grooved	522.13	29.84
		For Work In Restricted Working Space, Add	*17.93*	

23 21 13 23-2068 Grooved Valves *(23 21 13 23-1985)*

23 21 13 23-2069 Grooved Butterfly Valves, Standard Trim, Without Operator *(23 21 13 23-2068)*

Note: Copper body.

23 21 13 23-2070	EA	2" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	480.18	12.28
		For Valve Bracket Insulation, Add	*38.20*	
		For Work In Restricted Working Space, Add	*7.40*	
		For Chain Wheel, Add	*43.45*	
23 21 13 23-2071	EA	3" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	546.74	18.24
		For Valve Bracket Insulation, Add	*38.20*	
		For Work In Restricted Working Space, Add	*10.97*	
		For Chain Wheel, Add	*43.45*	
23 21 13 23-2072	EA	4" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	722.72	23.98
		For Valve Bracket Insulation, Add	*38.20*	
		For Work In Restricted Working Space, Add	*14.43*	
		For Chain Wheel, Add	*43.45*	
23 21 13 23-2073	EA	6" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	965.38	39.37
		For Valve Bracket Insulation, Add	*38.20*	
		For Work In Restricted Working Space, Add	*23.60*	
		For Chain Wheel, Add	*43.45*	
23 21 13 23-2074	EA	8" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	1,065.92	55.32
		For Valve Bracket Insulation, Add	*38.20*	
		For Work In Restricted Working Space, Add	*33.21*	
		For Chain Wheel, Add	*43.45*	

23 21 13 23-2075 Grooved Butterfly Valves, Standard Trim, With Operator *(23 21 13 23-2068)*

Note: Copper body.

23 21 13 23-2076	EA	2" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	586.24	12.28
		For Valve Bracket Insulation, Add	*38.20*	
		For Work In Restricted Working Space, Add	*7.40*	
		For Chain Wheel, Add	*43.45*	
23 21 13 23-2077	EA	3" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	652.87	18.24
		For Valve Bracket Insulation, Add	*38.20*	
		For Work In Restricted Working Space, Add	*10.97*	
		For Chain Wheel, Add	*43.45*	
23 21 13 23-2078	EA	4" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	828.85	23.98
		For Valve Bracket Insulation, Add	*38.20*	
		For Work In Restricted Working Space, Add	*14.43*	
		For Chain Wheel, Add	*43.45*	
23 21 13 23-2079	EA	6" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	1,071.58	39.37
		For Valve Bracket Insulation, Add	*38.20*	
		For Work In Restricted Working Space, Add	*23.60*	
		For Chain Wheel, Add	*43.45*	
23 21 13 23-2080	EA	8" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	1,172.05	55.32
		For Valve Bracket Insulation, Add	*38.20*	
		For Work In Restricted Working Space, Add	*33.21*	
		For Chain Wheel, Add	*43.45*	

23 21 13 23-2081 Polyvinyl Chloride (PVC) Pressure Pipe And Fittings *(23 21 13 23)*

Note: Socket or back weld.

23 21 13 23-2082 Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe And Fittings *(23 21 13 23-2081)*

Note: ASTM D1785 with D2466 fittings.

23 21 13 23-2083 Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe *(23 21 13 23-2082)*

23 21 13 23-2084	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	5.35	3.28
		For Work In Restricted Working Space, Add	*1.48*	
23 21 13 23-2085	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	6.70	4.10
		For Work In Restricted Working Space, Add	*1.85*	
23 21 13 23-2086	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	7.35	4.37
		For Work In Restricted Working Space, Add	*1.97*	
23 21 13 23-2087	LF	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	8.10	4.70
		For Work In Restricted Working Space, Add	*2.12*	
23 21 13 23-2088	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	8.37	4.78
		For Work In Restricted Working Space, Add	*2.15*	
23 21 13 23-2089	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	10.23	5.73
		For Work In Restricted Working Space, Add	*2.58*	
23 21 13 23-2090	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	12.78	6.81
		For Work In Restricted Working Space, Add	*3.06*	
23 21 13 23-2091	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	15.69	8.23
		For Work In Restricted Working Space, Add	*3.70*	
23 21 13 23-2092	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	23.34	12.33
		For Work In Restricted Working Space, Add	*5.56*	
23 21 13 23-2093	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	33.09	16.46
		For Work In Restricted Working Space, Add	*7.40*	
23 21 13 23-2094	LF	8" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	42.20	19.61
		For Work In Restricted Working Space, Add	*8.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2095	LF	10" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	71.92	21.91
		For Work In Restricted Working Space, Add	*9.85*	
23 21 13 23-2096		**Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows** *(23 21 13 23-2082)*		
23 21 13 23-2097	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	19.39	12.39
		For Work In Restricted Working Space, Add	*5.56*	
23 21 13 23-2098	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	25.90	16.41
		For Work In Restricted Working Space, Add	*7.40*	
23 21 13 23-2099	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	32.79	20.43
		For Work In Restricted Working Space, Add	*9.18*	
23 21 13 23-2100	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	47.32	28.93
		For Work In Restricted Working Space, Add	*12.99*	
23 21 13 23-2101	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	53.11	32.59
		For Work In Restricted Working Space, Add	*14.65*	
23 21 13 23-2102	EA	2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	68.76	41.43
		For Work In Restricted Working Space, Add	*18.61*	
23 21 13 23-2103	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	112.22	61.29
		For Work In Restricted Working Space, Add	*27.54*	
23 21 13 23-2104	EA	3" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	145.32	80.57
		For Work In Restricted Working Space, Add	*36.24*	
23 21 13 23-2105	EA	4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	187.25	95.72
		For Work In Restricted Working Space, Add	*43.04*	
23 21 13 23-2106	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	268.80	109.37
		For Work In Restricted Working Space, Add	*49.19*	
23 21 13 23-2107	EA	8" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	461.24	127.63
		For Work In Restricted Working Space, Add	*57.39*	
23 21 13 23-2108	EA	10" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	689.74	190.29
		For Work In Restricted Working Space, Add	*85.57*	
23 21 13 23-2109		**Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows** *(23 21 13 23-2082)*		
23 21 13 23-2110	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	19.83	12.39
		For Work In Restricted Working Space, Add	*5.56*	
23 21 13 23-2111	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	26.77	16.41
		For Work In Restricted Working Space, Add	*7.40*	
23 21 13 23-2112	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	34.01	20.43
		For Work In Restricted Working Space, Add	*9.18*	
23 21 13 23-2113	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	48.11	28.93
		For Work In Restricted Working Space, Add	*12.99*	
23 21 13 23-2114	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	54.86	32.59
		For Work In Restricted Working Space, Add	*14.65*	
23 21 13 23-2115	EA	2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	69.89	41.43
		For Work In Restricted Working Space, Add	*18.61*	
23 21 13 23-2116	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	112.22	61.29
		For Work In Restricted Working Space, Add	*27.54*	
23 21 13 23-2117	EA	3" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	152.65	80.57
		For Work In Restricted Working Space, Add	*36.24*	
23 21 13 23-2118	EA	4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	200.60	95.72
		For Work In Restricted Working Space, Add	*43.04*	
23 21 13 23-2119	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	270.02	109.37
		For Work In Restricted Working Space, Add	*49.19*	
23 21 13 23-2120	EA	8" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	446.50	127.63
		For Work In Restricted Working Space, Add	*57.39*	
23 21 13 23-2121	EA	10" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	689.74	190.29
		For Work In Restricted Working Space, Add	*85.57*	
23 21 13 23-2122		**Schedule 40 Polyvinyl Chloride (PVC) Tees** *(23 21 13 23-2082)*		
23 21 13 23-2123	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees	31.66	20.43
		For Work In Restricted Working Space, Add	*9.18*	
23 21 13 23-2124	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Tees	38.15	24.68
		For Work In Restricted Working Space, Add	*11.11*	
23 21 13 23-2125	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Tees	51.02	32.59
		For Work In Restricted Working Space, Add	*14.65*	
23 21 13 23-2126	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Tees	65.53	41.43
		For Work In Restricted Working Space, Add	*18.61*	
23 21 13 23-2127	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees	78.31	49.36
		For Work In Restricted Working Space, Add	*22.21*	
23 21 13 23-2128	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Tees	98.00	61.29
		For Work In Restricted Working Space, Add	*27.54*	
23 21 13 23-2129	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees	141.39	80.57
		For Work In Restricted Working Space, Add	*36.24*	
23 21 13 23-2130	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Tees	170.42	95.72
		For Work In Restricted Working Space, Add	*43.04*	
23 21 13 23-2131	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Tees	240.13	127.63
		For Work In Restricted Working Space, Add	*57.39*	
23 21 13 23-2132	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Tees	411.49	164.58
		For Work In Restricted Working Space, Add	*74.05*	
23 21 13 23-2133	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Tees	688.08	204.18
		For Work In Restricted Working Space, Add	*91.82*	
23 21 13 23-2134	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Tees	1,952.25	305.06
		For Work In Restricted Working Space, Add	*137.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2135		**Schedule 40 Polyvinyl Chloride (PVC) Crosses** *(23 21 13 23-2082)*		
23 21 13 23-2136	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses	39.90	25.48
		For Work In Restricted Working Space, Add	*11.48*	
23 21 13 23-2137	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Crosses	48.05	30.87
		For Work In Restricted Working Space, Add	*13.88*	
23 21 13 23-2138	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Crosses	64.47	40.75
		For Work In Restricted Working Space, Add	*18.32*	
23 21 13 23-2139	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Crosses	83.02	51.76
		For Work In Restricted Working Space, Add	*23.27*	
23 21 13 23-2140	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses	99.26	61.75
		For Work In Restricted Working Space, Add	*27.77*	
23 21 13 23-2141	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Crosses	124.48	76.55
		For Work In Restricted Working Space, Add	*34.43*	
23 21 13 23-2142	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses	183.29	100.77
		For Work In Restricted Working Space, Add	*45.31*	
23 21 13 23-2143	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Crosses	221.57	119.59
		For Work In Restricted Working Space, Add	*53.80*	
23 21 13 23-2144	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Crosses	315.68	159.53
		For Work In Restricted Working Space, Add	*71.73*	
23 21 13 23-2145	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Crosses	566.54	205.67
		For Work In Restricted Working Space, Add	*92.52*	
23 21 13 23-2146	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Crosses	981.23	255.02
		For Work In Restricted Working Space, Add	*114.71*	
23 21 13 23-2147	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Crosses	2,915.37	381.50
		For Work In Restricted Working Space, Add	*171.61*	
23 21 13 23-2148		**Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts** *(23 21 13 23-2082)*		
23 21 13 23-2149	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	19.98	12.63
		For Work In Restricted Working Space, Add	*5.76*	
23 21 13 23-2150	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	26.24	16.18
		For Work In Restricted Working Space, Add	*7.37*	
23 21 13 23-2151	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	35.02	21.69
		For Work In Restricted Working Space, Add	*9.85*	
23 21 13 23-2152	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	43.22	26.97
		For Work In Restricted Working Space, Add	*12.29*	
23 21 13 23-2153	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	53.13	32.48
		For Work In Restricted Working Space, Add	*14.79*	
23 21 13 23-2154	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	74.48	45.11
		For Work In Restricted Working Space, Add	*20.51*	
23 21 13 23-2155	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	103.66	62.32
		For Work In Restricted Working Space, Add	*28.35*	
23 21 13 23-2156	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	138.13	77.47
		For Work In Restricted Working Space, Add	*35.24*	
23 21 13 23-2157	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	188.01	90.21
		For Work In Restricted Working Space, Add	*40.99*	
23 21 13 23-2158	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	453.26	104.21
		For Work In Restricted Working Space, Add	*47.37*	
23 21 13 23-2159	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	539.68	139.79
		For Work In Restricted Working Space, Add	*63.53*	
23 21 13 23-2160		**Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts** *(23 21 13 23-2082)*		
23 21 13 23-2161	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	20.35	12.39
		For Work In Restricted Working Space, Add	*5.56*	
23 21 13 23-2162	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	26.51	16.41
		For Work In Restricted Working Space, Add	*7.40*	
23 21 13 23-2163	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	32.88	20.43
		For Work In Restricted Working Space, Add	*9.18*	
23 21 13 23-2164	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	46.80	28.93
		For Work In Restricted Working Space, Add	*12.99*	
23 21 13 23-2165	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	52.85	32.59
		For Work In Restricted Working Space, Add	*14.65*	
23 21 13 23-2166	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	67.53	41.43
		For Work In Restricted Working Space, Add	*18.61*	
23 21 13 23-2167	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	99.75	61.29
		For Work In Restricted Working Space, Add	*27.54*	
23 21 13 23-2168	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	129.97	80.57
		For Work In Restricted Working Space, Add	*36.24*	
23 21 13 23-2169	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	164.14	95.72
		For Work In Restricted Working Space, Add	*43.04*	
23 21 13 23-2170		**Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters** *(23 21 13 23-2082)*		
23 21 13 23-2171	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	20.96	12.39
		For Work In Restricted Working Space, Add	*5.56*	
23 21 13 23-2172	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	27.12	16.41
		For Work In Restricted Working Space, Add	*7.40*	
23 21 13 23-2173	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	34.10	20.43
		For Work In Restricted Working Space, Add	*9.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2174	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	47.50	28.93
		For Work In Restricted Working Space, Add	*12.99*	
23 21 13 23-2175	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	54.42	32.59
		For Work In Restricted Working Space, Add	*14.65*	
23 21 13 23-2176	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	68.93	41.43
		For Work In Restricted Working Space, Add	*18.61*	
23 21 13 23-2177	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	101.32	61.29
		For Work In Restricted Working Space, Add	*27.54*	
23 21 13 23-2178	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	134.77	80.57
		For Work In Restricted Working Space, Add	*36.24*	
23 21 13 23-2179	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	161.35	95.72
		For Work In Restricted Working Space, Add	*43.04*	

23 21 13 23-2180 Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters *(23 21 13 23-2082)*

23 21 13 23-2181	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	19.39	12.39
		For Work In Restricted Working Space, Add	*5.56*	
23 21 13 23-2182	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	25.81	16.41
		For Work In Restricted Working Space, Add	*7.40*	
23 21 13 23-2183	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	31.92	20.43
		For Work In Restricted Working Space, Add	*9.18*	
23 21 13 23-2184	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	45.40	28.93
		For Work In Restricted Working Space, Add	*12.99*	
23 21 13 23-2185	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	51.28	32.59
		For Work In Restricted Working Space, Add	*14.65*	
23 21 13 23-2186	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	65.35	41.43
		For Work In Restricted Working Space, Add	*18.61*	
23 21 13 23-2187	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	106.20	61.29
		For Work In Restricted Working Space, Add	*27.54*	
23 21 13 23-2188	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	140.17	80.57
		For Work In Restricted Working Space, Add	*36.24*	
23 21 13 23-2189	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	175.48	95.72
		For Work In Restricted Working Space, Add	*43.04*	

23 21 13 23-2190 Schedule 40 Polyvinyl Chloride (PVC) P-Traps *(23 21 13 23-2082)*

23 21 13 23-2191	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) P-Traps	31.62	16.87
		For Work In Restricted Working Space, Add	*7.58*	

23 21 13 23-2192 Schedule 40 Polyvinyl Chloride (PVC) Couplings *(23 21 13 23-2082)*

23 21 13 23-2193	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings	19.04	12.39
		For Work In Restricted Working Space, Add	*5.56*	
23 21 13 23-2194	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Couplings	25.38	16.41
		For Work In Restricted Working Space, Add	*7.40*	
23 21 13 23-2195	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Couplings	31.92	20.43
		For Work In Restricted Working Space, Add	*9.18*	
23 21 13 23-2196	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Couplings	45.05	28.93
		For Work In Restricted Working Space, Add	*12.99*	
23 21 13 23-2197	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings	50.76	32.59
		For Work In Restricted Working Space, Add	*14.65*	
23 21 13 23-2198	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Couplings	65.00	41.43
		For Work In Restricted Working Space, Add	*18.61*	
23 21 13 23-2199	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings	98.44	61.29
		For Work In Restricted Working Space, Add	*27.54*	
23 21 13 23-2200	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Couplings	131.19	80.57
		For Work In Restricted Working Space, Add	*36.24*	
23 21 13 23-2201	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Couplings	158.56	95.72
		For Work In Restricted Working Space, Add	*43.04*	
23 21 13 23-2202	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Couplings	211.76	109.37
		For Work In Restricted Working Space, Add	*49.19*	
23 21 13 23-2203	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Couplings	280.60	127.63
		For Work In Restricted Working Space, Add	*57.39*	
23 21 13 23-2204	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Couplings	614.95	136.81
		For Work In Restricted Working Space, Add	*61.51*	

23 21 13 23-2205 Schedule 40 Polyvinyl Chloride (PVC) Unions *(23 21 13 23-2082)*

23 21 13 23-2206	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions	37.67	20.43
		For Work In Restricted Working Space, Add	*9.18*	
23 21 13 23-2207	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Unions	51.76	24.68
		For Work In Restricted Working Space, Add	*11.11*	
23 21 13 23-2208	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Unions	65.32	32.59
		For Work In Restricted Working Space, Add	*14.65*	
23 21 13 23-2209	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Unions	102.16	41.43
		For Work In Restricted Working Space, Add	*18.61*	
23 21 13 23-2210	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions	115.91	49.36
		For Work In Restricted Working Space, Add	*22.21*	
23 21 13 23-2211	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Unions	148.24	61.29
		For Work In Restricted Working Space, Add	*27.54*	
23 21 13 23-2212	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions	223.21	80.57
		For Work In Restricted Working Space, Add	*36.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2213	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Unions	251.97	95.72
		For Work In Restricted Working Space, Add	*43.04*	
23 21 13 23-2214	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Unions	406.45	127.63
		For Work In Restricted Working Space, Add	*57.39*	
23 21 13 23-2215	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Unions	535.15	164.58
		For Work In Restricted Working Space, Add	*74.02*	
23 21 13 23-2216	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Unions	781.76	204.07
		For Work In Restricted Working Space, Add	*91.77*	
23 21 13 23-2217	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Unions	1,164.18	253.30
		For Work In Restricted Working Space, Add	*113.95*	
23 21 13 23-2218		**Schedule 40 Polyvinyl Chloride (PVC) Caps** *(23 21 13 23-2082)*		
23 21 13 23-2219	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps	9.15	5.58
		For Work In Restricted Working Space, Add	*2.54*	
23 21 13 23-2220	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Caps	11.98	7.35
		For Work In Restricted Working Space, Add	*3.33*	
23 21 13 23-2221	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Caps	15.17	9.07
		For Work In Restricted Working Space, Add	*4.13*	
23 21 13 23-2222	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Caps	21.67	13.03
		For Work In Restricted Working Space, Add	*5.93*	
23 21 13 23-2223	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps	24.07	14.46
		For Work In Restricted Working Space, Add	*6.59*	
23 21 13 23-2224	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Caps	30.44	18.48
		For Work In Restricted Working Space, Add	*8.37*	
23 21 13 23-2225	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps	49.61	27.32
		For Work In Restricted Working Space, Add	*12.40*	
23 21 13 23-2226	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Caps	63.35	35.92
		For Work In Restricted Working Space, Add	*16.31*	
23 21 13 23-2227	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Caps	85.14	42.58
		For Work In Restricted Working Space, Add	*19.37*	
23 21 13 23-2228	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Caps	123.07	48.66
		For Work In Restricted Working Space, Add	*22.14*	
23 21 13 23-2229	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Caps	250.93	56.82
		For Work In Restricted Working Space, Add	*25.82*	
23 21 13 23-2230	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Caps	738.28	84.71
		For Work In Restricted Working Space, Add	*38.51*	
23 21 13 23-2231		**Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges** *(23 21 13 23-2082)*		
23 21 13 23-2232	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Socket Weld Flanges	48.14	20.43
		For Work In Restricted Working Space, Add	*9.18*	
23 21 13 23-2233	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges	63.88	24.68
		For Work In Restricted Working Space, Add	*11.11*	
23 21 13 23-2234	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges	78.75	32.59
		For Work In Restricted Working Space, Add	*14.65*	
23 21 13 23-2235	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges	92.83	41.43
		For Work In Restricted Working Space, Add	*18.61*	
23 21 13 23-2236	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges	105.53	49.36
		For Work In Restricted Working Space, Add	*22.21*	
23 21 13 23-2237	EA	2" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges	133.67	61.29
		For Work In Restricted Working Space, Add	*27.54*	
23 21 13 23-2238	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges	185.44	80.57
		For Work In Restricted Working Space, Add	*36.24*	
23 21 13 23-2239	EA	3" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges	214.81	95.72
		For Work In Restricted Working Space, Add	*43.04*	
23 21 13 23-2240	EA	4" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges	281.65	127.63
		For Work In Restricted Working Space, Add	*57.39*	
23 21 13 23-2241	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges	388.80	164.58
		For Work In Restricted Working Space, Add	*74.02*	
23 21 13 23-2242	EA	8" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges	626.42	204.07
		For Work In Restricted Working Space, Add	*91.77*	
23 21 13 23-2243	EA	10" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges	1,101.66	252.96
		For Work In Restricted Working Space, Add	*113.77*	
23 21 13 23-2244		**Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe And Fittings** *(23 21 13 23-2081)*		
		Note: ASTM D1785 with D2467 fittings.		
23 21 13 23-2245		**Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe** *(23 21 13 23-2244)*		
23 21 13 23-2246	LF	1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	5.47	3.33
		For Work In Restricted Working Space, Add	*1.48*	
23 21 13 23-2247	LF	3/4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	6.86	4.13
		For Work In Restricted Working Space, Add	*1.85*	
23 21 13 23-2248	LF	1" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	8.42	4.93
		For Work In Restricted Working Space, Add	*2.21*	
23 21 13 23-2249	LF	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	10.04	5.74
		For Work In Restricted Working Space, Add	*2.59*	
23 21 13 23-2250	LF	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	11.54	6.54
		For Work In Restricted Working Space, Add	*2.96*	
23 21 13 23-2251	LF	2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	14.80	8.27
		For Work In Restricted Working Space, Add	*3.70*	
23 21 13 23-2252	LF	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	17.23	9.07
		For Work In Restricted Working Space, Add	*4.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2253	LF	3" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	19.66	9.87
		For Work In Restricted Working Space, Add	*4.44*	
23 21 13 23-2254	LF	4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	25.64	12.39
		For Work In Restricted Working Space, Add	*5.56*	
23 21 13 23-2255	LF	6" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	38.21	16.41
		For Work In Restricted Working Space, Add	*7.40*	
23 21 13 23-2256	LF	8" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	50.05	19.62
		For Work In Restricted Working Space, Add	*8.83*	
23 21 13 23-2257	LF	10" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	95.23	21.11
		For Work In Restricted Working Space, Add	*9.51*	

23 21 13 23-2258 Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows *(23 21 13 23-2244)*

23 21 13 23-2259	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	21.66	12.39
		For Work In Restricted Working Space, Add	*5.56*	
		For Threaded Fittings, Add	*2.78*	
23 21 13 23-2260	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	28.78	16.41
		For Work In Restricted Working Space, Add	*7.40*	
		For Threaded Fittings, Add	*3.70*	
23 21 13 23-2261	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	37.24	20.43
		For Work In Restricted Working Space, Add	*9.18*	
		For Threaded Fittings, Add	*4.59*	
23 21 13 23-2262	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	52.12	28.93
		For Work In Restricted Working Space, Add	*12.99*	
		For Threaded Fittings, Add	*6.50*	
23 21 13 23-2263	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	58.26	32.59
		For Work In Restricted Working Space, Add	*14.65*	
		For Threaded Fittings, Add	*7.33*	
23 21 13 23-2264	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	73.47	41.43
		For Work In Restricted Working Space, Add	*18.61*	
		For Threaded Fittings, Add	*9.31*	
23 21 13 23-2265	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	118.59	61.29
		For Work In Restricted Working Space, Add	*27.54*	
		For Threaded Fittings, Add	*13.77*	
23 21 13 23-2266	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	150.90	80.57
		For Work In Restricted Working Space, Add	*36.24*	
		For Threaded Fittings, Add	*18.12*	
23 21 13 23-2267	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	189.17	95.72
		For Work In Restricted Working Space, Add	*43.04*	
		For Threaded Fittings, Add	*21.52*	
23 21 13 23-2268	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	329.07	109.37
		For Work In Restricted Working Space, Add	*49.19*	
		For Threaded Fittings, Add	*24.59*	
23 21 13 23-2269	EA	8" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	550.20	127.63
		For Work In Restricted Working Space, Add	*57.39*	
		For Threaded Fittings, Add	*28.69*	
23 21 13 23-2270	EA	10" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	689.74	190.29
		For Work In Restricted Working Space, Add	*85.57*	
		For Threaded Fittings, Add	*42.78*	

23 21 13 23-2271 Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows *(23 21 13 23-2244)*

23 21 13 23-2272	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	24.54	12.39
		For Work In Restricted Working Space, Add	*5.56*	
		For Threaded Fittings, Add	*2.78*	
23 21 13 23-2273	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	33.84	16.41
		For Work In Restricted Working Space, Add	*7.40*	
		For Threaded Fittings, Add	*3.70*	
23 21 13 23-2274	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	44.39	20.43
		For Work In Restricted Working Space, Add	*9.18*	
		For Threaded Fittings, Add	*4.59*	
23 21 13 23-2275	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	60.93	28.93
		For Work In Restricted Working Space, Add	*12.99*	
		For Threaded Fittings, Add	*6.50*	
23 21 13 23-2276	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	69.60	32.59
		For Work In Restricted Working Space, Add	*14.65*	
		For Threaded Fittings, Add	*7.33*	
23 21 13 23-2277	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	88.99	41.43
		For Work In Restricted Working Space, Add	*18.61*	
		For Threaded Fittings, Add	*9.31*	
23 21 13 23-2278	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	148.51	61.29
		For Work In Restricted Working Space, Add	*27.54*	
		For Threaded Fittings, Add	*13.77*	
23 21 13 23-2279	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	189.81	80.57
		For Work In Restricted Working Space, Add	*36.24*	
		For Threaded Fittings, Add	*18.12*	
23 21 13 23-2280	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	267.77	95.72
		For Work In Restricted Working Space, Add	*43.04*	
		For Threaded Fittings, Add	*21.52*	
23 21 13 23-2281	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	320.44	109.37
		For Work In Restricted Working Space, Add	*49.19*	
		For Threaded Fittings, Add	*24.59*	
23 21 13 23-2282	EA	8" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	530.60	127.63
		For Work In Restricted Working Space, Add	*57.39*	
		For Threaded Fittings, Add	*28.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2283	EA	10" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	667.70	190.29
		For Work In Restricted Working Space, Add	*85.57*	
		For Threaded Fittings, Add	*42.78*	
23 21 13 23-2284		**Schedule 80 Polyvinyl Chloride (PVC) Tees** *(23 21 13 23-2244)*		
23 21 13 23-2285	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees	38.04	19.39
		For Work In Restricted Working Space, Add	*8.72*	
		For Threaded Fittings, Add	*4.36*	
23 21 13 23-2286	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Tees	46.44	24.68
		For Work In Restricted Working Space, Add	*11.11*	
		For Threaded Fittings, Add	*5.55*	
23 21 13 23-2287	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Tees	60.62	32.59
		For Work In Restricted Working Space, Add	*14.65*	
		For Threaded Fittings, Add	*7.33*	
23 21 13 23-2288	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Tees	94.58	41.43
		For Work In Restricted Working Space, Add	*18.61*	
		For Threaded Fittings, Add	*9.31*	
23 21 13 23-2289	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees	106.58	49.36
		For Work In Restricted Working Space, Add	*22.21*	
		For Threaded Fittings, Add	*11.11*	
23 21 13 23-2290	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Tees	132.54	61.29
		For Work In Restricted Working Space, Add	*27.54*	
		For Threaded Fittings, Add	*13.77*	
23 21 13 23-2291	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees	165.12	80.57
		For Work In Restricted Working Space, Add	*36.24*	
		For Threaded Fittings, Add	*18.12*	
23 21 13 23-2292	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Tees	198.77	95.72
		For Work In Restricted Working Space, Add	*43.04*	
		For Threaded Fittings, Add	*21.52*	
23 21 13 23-2293	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Tees	255.40	127.63
		For Work In Restricted Working Space, Add	*57.39*	
		For Threaded Fittings, Add	*28.69*	
23 21 13 23-2294	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Tees	465.84	164.58
		For Work In Restricted Working Space, Add	*74.05*	
		For Threaded Fittings, Add	*37.02*	
23 21 13 23-2295	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Tees	814.06	204.18
		For Work In Restricted Working Space, Add	*91.82*	
		For Threaded Fittings, Add	*45.91*	
23 21 13 23-2296	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Tees	1,952.35	305.06
		For Work In Restricted Working Space, Add	*137.22*	
		For Threaded Fittings, Add	*68.61*	
23 21 13 23-2297		**Schedule 80 Polyvinyl Chloride (PVC) Crosses** *(23 21 13 23-2244)*		
23 21 13 23-2298	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses	50.40	24.21
		For Work In Restricted Working Space, Add	*10.90*	
		For Threaded Fittings, Add	*5.45*	
23 21 13 23-2299	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Crosses	61.03	30.87
		For Work In Restricted Working Space, Add	*13.88*	
		For Threaded Fittings, Add	*6.94*	
23 21 13 23-2300	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Crosses	79.51	40.75
		For Work In Restricted Working Space, Add	*18.32*	
		For Threaded Fittings, Add	*9.16*	
23 21 13 23-2301	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Crosses	128.55	51.76
		For Work In Restricted Working Space, Add	*23.27*	
		For Threaded Fittings, Add	*11.63*	
23 21 13 23-2302	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses	143.56	61.75
		For Work In Restricted Working Space, Add	*27.77*	
		For Threaded Fittings, Add	*13.88*	
23 21 13 23-2303	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Crosses	178.62	76.55
		For Work In Restricted Working Space, Add	*34.43*	
		For Threaded Fittings, Add	*17.22*	
23 21 13 23-2304	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses	220.49	100.77
		For Work In Restricted Working Space, Add	*45.31*	
		For Threaded Fittings, Add	*22.65*	
23 21 13 23-2305	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Crosses	266.02	119.59
		For Work In Restricted Working Space, Add	*53.80*	
		For Threaded Fittings, Add	*26.90*	
23 21 13 23-2306	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Crosses	339.61	159.53
		For Work In Restricted Working Space, Add	*71.73*	
		For Threaded Fittings, Add	*35.87*	
23 21 13 23-2307	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Crosses	651.74	205.67
		For Work In Restricted Working Space, Add	*92.52*	
		For Threaded Fittings, Add	*46.26*	
23 21 13 23-2308	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Crosses	1,178.71	255.02
		For Work In Restricted Working Space, Add	*114.71*	
		For Threaded Fittings, Add	*57.36*	
23 21 13 23-2309	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Crosses	2,915.52	381.50
		For Work In Restricted Working Space, Add	*171.61*	
		For Threaded Fittings, Add	*85.80*	
23 21 13 23-2310		**Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts** *(23 21 13 23-2244)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2311	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	26.51	16.41
		For Work In Restricted Working Space, Add	*7.40*	
23 21 13 23-2312	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	35.93	20.43
		For Work In Restricted Working Space, Add	*9.18*	
23 21 13 23-2313	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	51.68	28.93
		For Work In Restricted Working Space, Add	*12.99*	
23 21 13 23-2314	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	60.26	32.59
		For Work In Restricted Working Space, Add	*14.65*	
23 21 13 23-2315	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	78.35	41.43
		For Work In Restricted Working Space, Add	*18.61*	
23 21 13 23-2316	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	120.07	61.29
		For Work In Restricted Working Space, Add	*27.54*	
23 21 13 23-2317	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	165.73	80.57
		For Work In Restricted Working Space, Add	*36.24*	
23 21 13 23-2318	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	205.74	95.72
		For Work In Restricted Working Space, Add	*43.04*	
23 21 13 23-2319	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	233.03	109.37
		For Work In Restricted Working Space, Add	*49.19*	
23 21 13 23-2320	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	344.62	127.63
		For Work In Restricted Working Space, Add	*57.39*	
23 21 13 23-2321	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	550.16	148.17
		For Work In Restricted Working Space, Add	*66.67*	

23 21 13 23-2322 Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts *(23 21 13 23-2244)*

23 21 13 23-2323	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	19.13	12.39
		For Work In Restricted Working Space, Add	*5.56*	
23 21 13 23-2324	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	28.08	16.41
		For Work In Restricted Working Space, Add	*7.40*	
23 21 13 23-2325	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	35.93	20.43
		For Work In Restricted Working Space, Add	*9.18*	
23 21 13 23-2326	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	54.12	28.93
		For Work In Restricted Working Space, Add	*12.99*	
23 21 13 23-2327	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	62.45	32.59
		For Work In Restricted Working Space, Add	*14.65*	
23 21 13 23-2328	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	78.70	41.43
		For Work In Restricted Working Space, Add	*18.61*	
23 21 13 23-2329	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	127.04	61.29
		For Work In Restricted Working Space, Add	*27.54*	
23 21 13 23-2330	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	186.05	80.57
		For Work In Restricted Working Space, Add	*36.24*	
23 21 13 23-2331	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	243.77	95.72
		For Work In Restricted Working Space, Add	*43.04*	

23 21 13 23-2332 Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters *(23 21 13 23-2244)*

23 21 13 23-2333	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	25.93	12.39
		For Work In Restricted Working Space, Add	*5.56*	
23 21 13 23-2334	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	32.88	16.41
		For Work In Restricted Working Space, Add	*7.40*	
23 21 13 23-2335	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	44.91	20.43
		For Work In Restricted Working Space, Add	*9.18*	
23 21 13 23-2336	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	60.06	28.93
		For Work In Restricted Working Space, Add	*12.99*	
23 21 13 23-2337	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	72.91	32.59
		For Work In Restricted Working Space, Add	*14.65*	
23 21 13 23-2338	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	93.44	41.43
		For Work In Restricted Working Space, Add	*18.61*	
23 21 13 23-2339	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	127.57	61.29
		For Work In Restricted Working Space, Add	*27.54*	
23 21 13 23-2340	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	160.50	80.57
		For Work In Restricted Working Space, Add	*36.24*	
23 21 13 23-2341	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	214.03	95.72
		For Work In Restricted Working Space, Add	*43.04*	

23 21 13 23-2342 Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters *(23 21 13 23-2244)*

23 21 13 23-2343	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	23.93	12.39
		For Work In Restricted Working Space, Add	*5.56*	
23 21 13 23-2344	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	32.70	16.41
		For Work In Restricted Working Space, Add	*7.40*	
23 21 13 23-2345	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	42.47	20.43
		For Work In Restricted Working Space, Add	*9.18*	
23 21 13 23-2346	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	62.58	28.93
		For Work In Restricted Working Space, Add	*12.99*	
23 21 13 23-2347	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	72.48	32.59
		For Work In Restricted Working Space, Add	*14.65*	
23 21 13 23-2348	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	103.21	41.43
		For Work In Restricted Working Space, Add	*18.61*	
23 21 13 23-2349	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	156.87	61.29
		For Work In Restricted Working Space, Add	*27.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2350	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	194.07	80.57
		For Work In Restricted Working Space, Add	*36.24*	
23 21 13 23-2351	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	269.41	95.72
		For Work In Restricted Working Space, Add	*43.04*	
23 21 13 23-2352		**Schedule 80 Polyvinyl Chloride (PVC) Couplings** *(23 21 13 23-2244)*		
23 21 13 23-2353	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings	24.28	12.39
		For Work In Restricted Working Space, Add	*5.56*	
		For Threaded Fittings, Add	*2.78*	
23 21 13 23-2354	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Couplings	32.44	16.41
		For Work In Restricted Working Space, Add	*7.40*	
		For Threaded Fittings, Add	*3.70*	
23 21 13 23-2355	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Couplings	38.63	20.43
		For Work In Restricted Working Space, Add	*9.18*	
		For Threaded Fittings, Add	*4.59*	
23 21 13 23-2356	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Couplings	55.61	28.93
		For Work In Restricted Working Space, Add	*12.99*	
		For Threaded Fittings, Add	*6.50*	
23 21 13 23-2357	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings	62.10	32.59
		For Work In Restricted Working Space, Add	*14.65*	
		For Threaded Fittings, Add	*7.33*	
23 21 13 23-2358	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Couplings	76.17	41.43
		For Work In Restricted Working Space, Add	*18.61*	
		For Threaded Fittings, Add	*9.31*	
23 21 13 23-2359	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings	126.78	61.29
		For Work In Restricted Working Space, Add	*27.54*	
		For Threaded Fittings, Add	*13.77*	
23 21 13 23-2360	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Couplings	161.02	80.57
		For Work In Restricted Working Space, Add	*36.24*	
		For Threaded Fittings, Add	*18.12*	
23 21 13 23-2361	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Couplings	193.88	95.72
		For Work In Restricted Working Space, Add	*43.04*	
		For Threaded Fittings, Add	*21.52*	
23 21 13 23-2362	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Couplings	272.37	109.37
		For Work In Restricted Working Space, Add	*49.19*	
		For Threaded Fittings, Add	*24.59*	
23 21 13 23-2363	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Couplings	338.86	127.63
		For Work In Restricted Working Space, Add	*57.39*	
		For Threaded Fittings, Add	*28.69*	
23 21 13 23-2364	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Couplings	641.11	136.81
		For Work In Restricted Working Space, Add	*61.51*	
		For Threaded Fittings, Add	*30.75*	
23 21 13 23-2365		**Schedule 80 Polyvinyl Chloride (PVC) Unions** *(23 21 13 23-2244)*		
23 21 13 23-2366	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions	43.52	20.43
		For Work In Restricted Working Space, Add	*9.18*	
23 21 13 23-2367	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Unions	51.94	24.68
		For Work In Restricted Working Space, Add	*11.11*	
23 21 13 23-2368	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Unions	65.85	32.59
		For Work In Restricted Working Space, Add	*14.65*	
23 21 13 23-2369	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Unions	104.60	41.43
		For Work In Restricted Working Space, Add	*18.61*	
23 21 13 23-2370	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions	128.81	49.36
		For Work In Restricted Working Space, Add	*22.21*	
23 21 13 23-2371	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Unions	166.03	61.29
		For Work In Restricted Working Space, Add	*27.54*	
23 21 13 23-2372	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions	259.01	80.57
		For Work In Restricted Working Space, Add	*36.24*	
23 21 13 23-2373	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Unions	321.61	95.72
		For Work In Restricted Working Space, Add	*43.04*	
23 21 13 23-2374	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Unions	406.98	127.63
		For Work In Restricted Working Space, Add	*57.39*	
23 21 13 23-2375	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Unions	535.15	164.58
		For Work In Restricted Working Space, Add	*74.02*	
23 21 13 23-2376	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Unions	781.76	204.07
		For Work In Restricted Working Space, Add	*91.77*	
23 21 13 23-2377	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Unions	1,163.58	252.96
		For Work In Restricted Working Space, Add	*113.77*	
23 21 13 23-2378		**Schedule 80 Polyvinyl Chloride (PVC) Threaded Unions** *(23 21 13 23-2244)*		
23 21 13 23-2379	EA	1/2", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	46.14	25.50
23 21 13 23-2380	EA	3/4", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	55.23	29.50
23 21 13 23-2381	EA	1", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	67.00	34.78
23 21 13 23-2382	EA	1-1/4", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	90.24	41.43
23 21 13 23-2383	EA	1-1/2", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	108.81	49.36
23 21 13 23-2384	EA	2", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	144.90	61.29
23 21 13 23-2385	EA	3", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	312.56	118.79
23 21 13 23-2386	EA	4", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	338.58	131.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2387		**Schedule 80 Polyvinyl Chloride (PVC) Caps** *(23 21 13 23-2244)*		
23 21 13 23-2388	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps	16.45	5.51
		For Work In Restricted Working Space, Add	*2.50*	
		For Threaded Fittings, Add	*1.25*	
23 21 13 23-2389	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Caps	19.66	7.35
		For Work In Restricted Working Space, Add	*3.33*	
		For Threaded Fittings, Add	*1.67*	
23 21 13 23-2390	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Caps	28.95	9.07
		For Work In Restricted Working Space, Add	*4.13*	
		For Threaded Fittings, Add	*2.07*	
23 21 13 23-2391	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Caps	37.81	12.86
		For Work In Restricted Working Space, Add	*5.85*	
		For Threaded Fittings, Add	*2.92*	
23 21 13 23-2392	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps	40.30	14.46
		For Work In Restricted Working Space, Add	*6.59*	
		For Threaded Fittings, Add	*3.30*	
23 21 13 23-2393	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Caps	55.38	18.48
		For Work In Restricted Working Space, Add	*8.37*	
		For Threaded Fittings, Add	*4.19*	
23 21 13 23-2394	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps	97.75	27.32
		For Work In Restricted Working Space, Add	*12.40*	
		For Threaded Fittings, Add	*6.20*	
23 21 13 23-2395	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Caps	123.36	35.92
		For Work In Restricted Working Space, Add	*16.31*	
		For Threaded Fittings, Add	*8.16*	
23 21 13 23-2396	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Caps	175.50	42.58
		For Work In Restricted Working Space, Add	*19.37*	
		For Threaded Fittings, Add	*9.68*	
23 21 13 23-2397	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Caps	349.40	48.66
		For Work In Restricted Working Space, Add	*22.14*	
		For Threaded Fittings, Add	*11.07*	
23 21 13 23-2398	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Caps	464.70	56.82
		For Work In Restricted Working Space, Add	*25.82*	
		For Threaded Fittings, Add	*12.91*	
23 21 13 23-2399	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Caps	825.50	84.71
		For Work In Restricted Working Space, Add	*38.51*	
		For Threaded Fittings, Add	*19.25*	
23 21 13 23-2400		**Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges** *(23 21 13 23-2244)*		
23 21 13 23-2401	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges	55.64	20.43
		For Work In Restricted Working Space, Add	*9.18*	
		For Threaded Fittings, Add	*4.59*	
23 21 13 23-2402	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges	63.88	24.68
		For Work In Restricted Working Space, Add	*11.11*	
		For Threaded Fittings, Add	*5.55*	
23 21 13 23-2403	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges	78.76	32.59
		For Work In Restricted Working Space, Add	*14.65*	
		For Threaded Fittings, Add	*7.33*	
23 21 13 23-2404	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges	92.83	41.43
		For Work In Restricted Working Space, Add	*18.61*	
		For Threaded Fittings, Add	*9.31*	
23 21 13 23-2405	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges	105.53	49.36
		For Work In Restricted Working Space, Add	*22.21*	
		For Threaded Fittings, Add	*11.11*	
23 21 13 23-2406	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges	133.68	61.29
		For Work In Restricted Working Space, Add	*27.54*	
		For Threaded Fittings, Add	*13.77*	
23 21 13 23-2407	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges	185.44	80.57
		For Work In Restricted Working Space, Add	*36.24*	
		For Threaded Fittings, Add	*18.12*	
23 21 13 23-2408	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges	214.82	95.72
		For Work In Restricted Working Space, Add	*43.04*	
		For Threaded Fittings, Add	*21.52*	
23 21 13 23-2409	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges	281.65	127.63
		For Work In Restricted Working Space, Add	*57.39*	
		For Threaded Fittings, Add	*28.69*	
23 21 13 23-2410	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges	388.80	164.58
		For Work In Restricted Working Space, Add	*74.02*	
		For Threaded Fittings, Add	*37.01*	
23 21 13 23-2411	EA	8" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges	626.42	204.07
		For Work In Restricted Working Space, Add	*91.77*	
		For Threaded Fittings, Add	*45.89*	
23 21 13 23-2412	EA	10" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges	1,101.66	252.96
		For Work In Restricted Working Space, Add	*113.77*	
		For Threaded Fittings, Add	*56.89*	
23 21 13 23-2413		**Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe** *(23 21 13 23-2081)*		
		Note: In place pipe.		
23 21 13 23-2414	EA	1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	6.23	
		For Work In Restricted Working Space, Add	*1.87*	
23 21 13 23-2415	EA	3/4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	6.73	
		For Work In Restricted Working Space, Add	*2.02*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2416	EA	1", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	7.57	
		For Work In Restricted Working Space, Add	*2.27*	
23 21 13 23-2417	EA	1-1/4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	7.95	
		For Work In Restricted Working Space, Add	*2.39*	
23 21 13 23-2418	EA	1-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	8.41	
		For Work In Restricted Working Space, Add	*2.52*	
23 21 13 23-2419	EA	2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	9.26	
		For Work In Restricted Working Space, Add	*2.78*	
23 21 13 23-2420	EA	2-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	9.97	
		For Work In Restricted Working Space, Add	*2.99*	
23 21 13 23-2421	EA	3", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	11.77	
		For Work In Restricted Working Space, Add	*3.53*	
23 21 13 23-2422	EA	4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	15.89	
		For Work In Restricted Working Space, Add	*4.77*	
23 21 13 23-2423	EA	6", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	22.71	
		For Work In Restricted Working Space, Add	*6.81*	
23 21 13 23-2424	EA	8", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	30.29	
		For Work In Restricted Working Space, Add	*9.09*	
23 21 13 23-2425	EA	10", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	37.03	
		For Work In Restricted Working Space, Add	*11.11*	

23 21 13 23-2426 Polyethylene Pipe And Fittings *(23 21 13 23)*

23 21 13 23-2427 Small Diameter Tubing *(23 21 13 23-2426)*

23 21 13 23-2428 Tubing *(23 21 13 23-2427)*

23 21 13 23-2429	LF	1/4" Polyethylene Tubing	3.69	
		For Work In Restricted Working Space, Add	*1.04*	
23 21 13 23-2430	LF	5/16" Polyethylene Tubing	3.96	
		For Work In Restricted Working Space, Add	*1.06*	
23 21 13 23-2431	LF	3/8" Polyethylene Tubing	4.16	
		For Work In Restricted Working Space, Add	*1.08*	
23 21 13 23-2432	LF	1/2" Polyethylene Tubing	4.32	
		For Work In Restricted Working Space, Add	*1.17*	

23 21 16 Hydronic Piping Specialties *(23 21)*

23 21 16 00-0001 Air Vents *(23 21 16)*

23 21 16 00-0002 Screwed Ends, Cast Iron, Automatic Air Vents *(23 21 16 00-0001)*

Note: With guided free floating lever.

23 21 16 00-0003	EA	1/2" NPT, Cast Iron, Automatic Air Vent	352.70	36.16
23 21 16 00-0004	EA	3/4" NPT, Cast Iron, Automatic Air Vent	431.59	48.00
23 21 16 00-0005	EA	1" NPT, Cast Iron, Automatic Air Vent	988.24	49.88
23 21 16 00-0006	EA	1-1/4" NPT, Cast Iron, Automatic Air Vent	1,465.16	77.06
23 21 16 00-0007	EA	1-1/2" NPT, Cast Iron, Automatic Air Vent	2,446.35	82.92
23 21 16 00-0008	EA	2" NPT, Cast Iron, Automatic Air Vent	2,807.95	109.36

23 21 16 00-0009 Forged Steel, Stainless Steel Internals, Automatic Air Vents *(23 21 16 00-0001)*

Note: With guided free floating lever.

23 21 16 00-0010	EA	1/2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	2,155.18	41.77
23 21 16 00-0011	EA	3/4" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	2,701.02	48.00
23 21 16 00-0012	EA	1" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	3,222.86	49.88
23 21 16 00-0013	EA	1-1/4" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	5,287.89	77.31
23 21 16 00-0014	EA	1-1/2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	6,107.28	82.92
23 21 16 00-0015	EA	2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	8,978.45	109.10

23 21 16 00-0016 Automatic Air Vent *(23 21 16 00-0001)*

23 21 16 00-0017	EA	3/4" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	263.30	48.00
23 21 16 00-0018	EA	1" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	288.36	49.88
23 21 16 00-0019	EA	1-1/4" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	408.17	77.06
23 21 16 00-0020	EA	1-1/2" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	504.93	82.92
23 21 16 00-0021	EA	2" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	645.01	89.35

23 21 16 00-0022 Manual Air Vent *(23 21 16 00-0001)*

23 21 16 00-0023	EA	Manual Air Vent	85.59	45.01

23 21 16 00-0024 Air Release Valves *(23 21 16 00-0001)*

23 21 16 00-0025 Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50) *(23 21 16 00-0024)*

Note: Up to 175 psi. Stainless steel float.

23 21 16 00-0026	EA	1/2" NPT, Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50)	242.16	18.71
23 21 16 00-0027	EA	3/4" NPT, Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50)	247.15	21.19
23 21 16 00-0028	EA	1" NPT, Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50)	257.12	26.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0029		**Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200)** *(23 21 16 00-0024)*		
		Note: Up to 175 psi. Stainless steel float.		
23 21 16 00-0030	EA	1" NPT, Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200A)	1,009.17	26.19
23 21 16 00-0031	EA	2" NPT, Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200)	1,205.77	45.52
23 21 16 00-0032	EA	3" Flanged, Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200)	1,578.90	106.12
23 21 16 00-0033		**Cast Iron, Air/Vacuum Valves** *(23 21 16 00-0024)*		
		Note: Up to 150 psi. Stainless steel float.		
23 21 16 00-0034	EA	1/2" NPT, Cast Iron, Air/Vacuum Valve (Apco 141)	485.91	18.71
23 21 16 00-0035	EA	1" NPT, Cast Iron, Air/Vacuum Valve (Apco 142)	598.37	26.19
23 21 16 00-0036	EA	2" NPT, Cast Iron, Air/Vacuum Valve (Apco 144)	1,033.52	45.52
23 21 16 00-0037	EA	3" Flanged, Cast Iron, Air/Vacuum Valve (Apco 146)	1,500.90	106.12
23 21 16 00-0038	EA	4" Flanged, Cast Iron, Air/Vacuum Valve (Apco 152)	2,344.91	178.13
23 21 16 00-0039	EA	6" Flanged, Cast Iron, Air/Vacuum Valve (Apco 153)	3,580.31	225.25
23 21 16 00-0040		**Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice** *(23 21 16 00-0024)*		
		Note: Up to 150 psi. Stainless Steel float.		
23 21 16 00-0041	EA	1" NPT, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 143C)	871.37	26.19
23 21 16 00-0042	EA	2" NPT, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 145C)	1,335.77	45.52
23 21 16 00-0043	EA	3" Flanged, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 147C)	2,459.65	106.12
23 21 16 00-0044	EA	4" Flanged, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 149C)	3,180.16	178.13
23 21 16 00-0045		**Vent Valves** *(23 21 16)*		
23 21 16 00-0046	EA	1/8", 1.5 PSIG Operating Pressure, Non-Vacuum Adjustable Angle Radiator Steam Vent Valve (Hoffman 1A)	86.88	18.71
23 21 16 00-0047	EA	1/2" x 3/4", 35 PSIG Operating Pressure, Straight Steam Unit Heater Air Vent Valve (Hoffman 74)	211.21	20.12
23 21 16 00-0048	EA	1/2" x 3/4", 3 PSIG Operating Pressure, Non-Vacuum Main Steam Air Vent Valve (Hoffman 75)	201.29	20.12
23 21 16 00-0049	EA	1/2" x 3/4", 10 PSIG Operating Pressure, Non Vacuum Straight Non-Vacuum Main Steam Air Vent Valve (Hoffman 75H)	208.23	20.12
23 21 16 00-0050	EA	3/4", 150 PSIG Operating Pressure, Straight Water Main Vent Valve (Hoffman 78)	268.99	20.12
23 21 16 00-0051	EA	1/2" x 3/4", 75 PSIG Operating Pressure, Straight Water Main Vent Valve (Hoffman 79)	198.56	20.12
23 21 16 00-0052		**Threaded Inlet, Drip-Pan Elbow** *(23 21 16)*		
23 21 16 00-0053		**Cast Iron, Threaded Inlet, Drip-Pan Elbow** *(23 21 16 00-0052)*		
23 21 16 00-0054	EA	2-1/2" Cast Iron, Threaded Inlet, Drip-Pan Elbow	275.42	31.41
		For Flanged Inlet, Add	*102.67*	
23 21 16 00-0055	EA	3" Cast Iron, Threaded Inlet, Drip-Pan Elbow	312.21	37.23
		For Flanged Inlet, Add	*110.22*	
23 21 16 00-0056	EA	3-1/2" Cast Iron, Threaded Inlet, Drip-Pan Elbow	392.33	43.05
		For Flanged Inlet, Add	*148.70*	
23 21 16 00-0057	EA	4" Cast Iron, Threaded Inlet, Drip-Pan Elbow	581.93	48.87
		For Flanged Inlet, Add	*261.62*	
23 21 16 00-0058	EA	5" Cast Iron, Threaded Inlet, Drip-Pan Elbow	658.00	58.18
		For Flanged Inlet, Add	*289.22*	
23 21 16 00-0059	EA	6" Cast Iron, Threaded Inlet, Drip-Pan Elbow	912.40	73.29
		For Flanged Inlet, Add	*422.65*	
23 21 16 00-0060	EA	8" Cast Iron, Threaded Inlet, Drip-Pan Elbow	2,041.73	96.56
		For Flanged Inlet, Add	*1,124.67*	
23 21 16 00-0061		**Cast Steel, Threaded Inlet, Drip-Pan Elbow** *(23 21 16 00-0052)*		
23 21 16 00-0062	EA	2-1/2" Cast Steel, Threaded Inlet, Drip-Pan Elbow	697.03	31.41
		For Flanged Inlet, Add	*389.37*	
23 21 16 00-0063	EA	3" Cast Steel, Threaded Inlet, Drip-Pan Elbow	843.95	37.23
		For Flanged Inlet, Add	*471.80*	
23 21 16 00-0064	EA	3-1/2" Cast Steel, Threaded Inlet, Drip-Pan Elbow	1,207.69	43.05
		For Flanged Inlet, Add	*703.15*	
23 21 16 00-0065	EA	4" Cast Steel, Threaded Inlet, Drip-Pan Elbow	1,231.23	48.87
		For Flanged Inlet, Add	*703.15*	
23 21 16 00-0066	EA	5" Cast Steel, Threaded Inlet, Drip-Pan Elbow	1,775.49	58.18
		For Flanged Inlet, Add	*1,049.11*	
23 21 16 00-0067	EA	6" Cast Steel, Threaded Inlet, Drip-Pan Elbow	1,833.67	73.29
		For Flanged Inlet, Add	*1,049.11*	
23 21 16 00-0068	EA	8" Cast Steel, Threaded Inlet, Drip-Pan Elbow	3,037.19	96.56
		For Flanged Inlet, Add	*1,801.58*	
23 21 16 00-0069		**Y-Type Strainers** *(23 21 16)*		
23 21 16 00-0070		**Screwed Ends, 250 Lb., Iron Body, Y-Type Strainers** *(23 21 16 00-0069)*		
23 21 16 00-0071	EA	1/4" Or 3/8" Screwed Ends, 250 Lb., Iron Body, Y-Type Strainer	85.51	13.96
		For Galvanized Body, Add	*22.81*	
		For Work In Restricted Working Space, Add	*11.97*	
23 21 16 00-0072	EA	1/2" Screwed Ends, 250 Lb., Iron Body, Y-Type Strainer	86.13	14.22
		For Galvanized Body, Add	*22.81*	
		For Work In Restricted Working Space, Add	*12.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0073	EA	3/4" Screwed Ends, 250 Lb., Iron Body, Y-Type Strainer	109.29	19.20
		For Galvanized Body, Add	*27.22*	
		For Work In Restricted Working Space, Add	*16.46*	
23 21 16 00-0074	EA	1" Screwed Ends, 250 Lb., Iron Body, Y-Type Strainer	139.02	22.94
		For Galvanized Body, Add	*36.78*	
		For Work In Restricted Working Space, Add	*19.64*	
23 21 16 00-0075	EA	1-1/4" Screwed Ends, 250 Lb., Iron Body, Y-Type Strainer	181.82	28.37
		For Galvanized Body, Add	*50.39*	
		For Work In Restricted Working Space, Add	*24.32*	
23 21 16 00-0076	EA	1-1/2" Screwed Ends, 250 Lb., Iron Body, Y-Type Strainer	208.66	30.55
		For Galvanized Body, Add	*60.69*	
		For Work In Restricted Working Space, Add	*26.19*	
23 21 16 00-0077	EA	2" Screwed Ends, 250 Lb., Iron Body, Y-Type Strainer	286.59	34.91
		For Galvanized Body, Add	*93.42*	
		For Work In Restricted Working Space, Add	*29.93*	
23 21 16 00-0078	EA	2-1/2" Screwed Ends, 250 Lb., Iron Body, Y-Type Strainer	544.71	43.64
		For Galvanized Body, Add	*210.01*	
		For Work In Restricted Working Space, Add	*37.41*	
23 21 16 00-0079	EA	3" Screwed Ends, 250 Lb., Iron Body, Y-Type Strainer	704.60	54.62
		For Galvanized Body, Add	*274.37*	
		For Work In Restricted Working Space, Add	*46.76*	

23 21 16 00-0080 Flanged, 125 Lb., Iron Body , Y-Type Strainers *(23 21 16 00-0069)*

23 21 16 00-0081	EA	1-1/2" Flanged, 125 Lb., Iron Body, Y-Type Strainer	511.53	130.92
		For Galvanized Body, Add	*173.74*	
		For Work In Restricted Working Space, Add	*49.22*	
23 21 16 00-0082	EA	2" Flanged, 125 Lb., Iron Body, Y-Type Strainer	583.84	166.21
		For Galvanized Body, Add	*188.01*	
		For Work In Restricted Working Space, Add	*62.35*	
23 21 16 00-0083	EA	3" Flanged, 125 Lb., Iron Body, Y-Type Strainer	1,161.70	211.98
		For Galvanized Body, Add	*448.21*	
		For Work In Restricted Working Space, Add	*79.59*	
23 21 16 00-0084	EA	4" Flanged, 125 Lb., Iron Body, Y-Type Strainer	1,462.58	355.37
		For Galvanized Body, Add	*508.63*	
		For Work In Restricted Working Space, Add	*133.60*	
23 21 16 00-0085	EA	5" Flanged, 125 Lb., Iron Body, Y-Type Strainer	1,584.81	357.95
		For Galvanized Body, Add	*569.03*	
		For Work In Restricted Working Space, Add	*134.03*	
23 21 16 00-0086	EA	6" Flanged, 125 Lb., Iron Body, Y-Type Strainer	1,912.34	397.72
		For Galvanized Body, Add	*706.71*	
		For Work In Restricted Working Space, Add	*149.68*	
23 21 16 00-0087	EA	8" Flanged, 125 Lb., Iron Body, Y-Type Strainer	3,415.03	508.19
		For Galvanized Body, Add	*1,391.87*	
		For Work In Restricted Working Space, Add	*189.39*	
23 21 16 00-0088	EA	10" Flanged, 125 Lb., Iron Body, Y-Type Strainer	6,977.79	618.67
		For Galvanized Body, Add	*3,102.23*	
		For Work In Restricted Working Space, Add	*232.00*	
23 21 16 00-0089	EA	12" Flanged, 125 Lb., Iron Body, Y-Type Strainer	7,556.02	552.38
		For Galvanized Body, Add	*3,225.63*	
		For Work In Restricted Working Space, Add	*331.43*	

23 21 16 00-0090 Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainers *(23 21 16 00-0069)*

Note: With screwed cap (4" size has bolted cap).

23 21 16 00-0091	EA	1/2" Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainer	76.25	14.22
		For 300 Lb. Rating, Add	*60.74*	
		For Work In Restricted Working Space, Add	*12.16*	
23 21 16 00-0092	EA	3/4" Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainer	101.30	19.20
		For 300 Lb. Rating, Add	*78.95*	
		For Work In Restricted Working Space, Add	*16.46*	
23 21 16 00-0093	EA	1" Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainer	123.96	22.94
		For 300 Lb. Rating, Add	*99.45*	
		For Work In Restricted Working Space, Add	*19.64*	
23 21 16 00-0094	EA	1-1/4" Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainer	168.94	28.37
		For 300 Lb. Rating, Add	*149.41*	
		For Work In Restricted Working Space, Add	*24.32*	
23 21 16 00-0095	EA	1-1/2" Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainer	201.44	30.55
		For 300 Lb. Rating, Add	*194.06*	
		For Work In Restricted Working Space, Add	*26.19*	
23 21 16 00-0096	EA	2" Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainer	269.72	34.91
		For 300 Lb. Rating, Add	*288.95*	
		For Work In Restricted Working Space, Add	*29.93*	
23 21 16 00-0097	EA	2-1/2" Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainer	379.69	43.64
		For 300 Lb. Rating, Add	*433.50*	
		For Work In Restricted Working Space, Add	*37.41*	
23 21 16 00-0098	EA	3" Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainer	684.57	54.62
		For 300 Lb. Rating, Add	*898.81*	
		For Work In Restricted Working Space, Add	*46.76*	
23 21 16 00-0099	EA	4" Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainer	1,190.44	65.46
		For 300 Lb. Rating, Add	*1,705.78*	
		For Work In Restricted Working Space, Add	*56.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0100		**Flanged, 150 Lb., Bronze Body, Y-Type Strainers** *(23 21 16 00-0069)* Note: With bolted cap.		
23 21 16 00-0101	EA	2" Flanged, 150 Lb., Bronze Body, Y-Type Strainer	651.63	166.21
		For 300 Lb. Rating, Add	*266.29*	
		For Work In Restricted Working Space, Add	*62.35*	
23 21 16 00-0102	EA	2-1/2" Flanged, 150 Lb., Bronze Body, Y-Type Strainer	678.88	180.80
		For 300 Lb. Rating, Add	*271.31*	
		For Work In Restricted Working Space, Add	*68.01*	
23 21 16 00-0103	EA	3" Flanged, 150 Lb., Bronze Body, Y-Type Strainer	783.07	211.98
		For 300 Lb. Rating, Add	*310.67*	
		For Work In Restricted Working Space, Add	*79.59*	
23 21 16 00-0104	EA	4" Flanged, 150 Lb., Bronze Body, Y-Type Strainer	1,703.46	355.37
		For 300 Lb. Rating, Add	*754.88*	
		For Work In Restricted Working Space, Add	*133.60*	
23 21 16 00-0105	EA	6" Flanged, 150 Lb., Bronze Body, Y-Type Strainer	2,406.03	397.72
		For 300 Lb. Rating, Add	*1,144.27*	
		For Work In Restricted Working Space, Add	*149.68*	
23 21 16 00-0106	EA	8" Flanged, 150 Lb., Bronze Body, Y-Type Strainer	3,885.92	508.19
		For 300 Lb. Rating, Add	*1,952.78*	
		For Work In Restricted Working Space, Add	*189.39*	
23 21 16 00-0107	EA	10" Flanged, 150 Lb., Bronze Body, Y-Type Strainer	12,454.65	618.67
		For 300 Lb. Rating, Add	*7,008.79*	
		For Work In Restricted Working Space, Add	*232.00*	
23 21 16 00-0108		**Crimped Bronze Body, Class 125, Y-Type Strainers** *(23 21 16 00-0069)* Note: NIBCO		
23 21 16 00-0109	EA	1/2" Class 125, Crimped Bronze Body, Y-Type Strainer	188.03	12.47
		For Work In Restricted Working Space, Add	*8.42*	
23 21 16 00-0110	EA	3/4" Class 125, Crimped Bronze Body, Y-Type Strainer	217.88	13.71
		For Work In Restricted Working Space, Add	*9.58*	
23 21 16 00-0111	EA	1" Class 125, Crimped Bronze Body, Y-Type Strainer	311.12	15.58
		For Work In Restricted Working Space, Add	*11.45*	
23 21 16 00-0112	EA	1-1/4" Class 125, Crimped Bronze Body, Y-Type Strainer	418.31	16.58
		For Work In Restricted Working Space, Add	*12.62*	
23 21 16 00-0113	EA	1-1/2" Class 125, Crimped Bronze Body, Y-Type Strainer	504.14	19.19
		For Work In Restricted Working Space, Add	*14.02*	
23 21 16 00-0114	EA	2" Class 125, Crimped Bronze Body, Y-Type Strainer	748.30	22.68
		For Work In Restricted Working Space, Add	*16.83*	
23 21 16 00-0115		**Crimped Bronze Body, 250 PSI, Y-Type Strainers** *(23 21 16 00-0069)*		
23 21 16 00-0116	EA	1/2" 250 PSI, Crimped Bronze Body, Y-Type Strainer	79.15	12.47
23 21 16 00-0117	EA	3/4" 250 PSI, Crimped Bronze Body, Y-Type Strainer	96.36	13.71
23 21 16 00-0118	EA	1" 250 PSI, Crimped Bronze Body, Y-Type Strainer	140.36	15.58
23 21 16 00-0119	EA	1-1/4" 250 PSI, Crimped Bronze Body, Y-Type Strainer	171.10	16.58
23 21 16 00-0120	EA	1-1/2" 250 PSI, Crimped Bronze Body, Y-Type Strainer	203.82	19.19
23 21 16 00-0121	EA	2" 250 PSI, Crimped Bronze Body, Y-Type Strainer	267.14	22.68
23 21 16 00-0122		**Cast Iron Body, Suction Diffusers** *(23 21 16)* Note: 175 PSI, steel inlet vanes, steel orifice cylinder and 16 mesh bronze startup strainer.		
23 21 16 00-0123	EA	2" x 1-1/2" Screwed Ends, 175 Lb., Cast Iron Body, Suction Diffuser	566.14	49.13
		For Work In Restricted Working Space, Add	*24.05*	
23 21 16 00-0124	EA	2" x 2" Screwed Ends, 175 Lb., Cast Iron Body, Suction Diffuser	594.47	54.49
		For Work In Restricted Working Space, Add	*26.72*	
23 21 16 00-0125	EA	2-1/2" x 2" Screwed Ends, 175 Lb., Cast Iron Body, Suction Diffuser	603.82	57.23
		For Work In Restricted Working Space, Add	*28.07*	
23 21 16 00-0126	EA	2-1/2" x 2-1/2" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser	1,140.31	180.80
		For Work In Restricted Working Space, Add	*68.01*	
23 21 16 00-0127	EA	3" x 1-1/2" Screwed Ends, 175 Lb., Cast Iron Body, Suction Diffuser	623.77	66.59
		For Work In Restricted Working Space, Add	*32.60*	
23 21 16 00-0128	EA	3" x 2" Screwed Ends, 175 Lb., Cast Iron Body, Suction Diffuser	706.39	66.59
		For Work In Restricted Working Space, Add	*32.60*	
23 21 16 00-0129	EA	3" x 2-1/2" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser	1,193.63	196.80
		For Work In Restricted Working Space, Add	*73.80*	
23 21 16 00-0130	EA	3" x 3" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser	1,217.78	211.98
		For Work In Restricted Working Space, Add	*79.59*	
23 21 16 00-0131	EA	4" x 3" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser	1,477.89	284.25
		For Work In Restricted Working Space, Add	*106.59*	
23 21 16 00-0132	EA	4" x 4" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser	1,737.99	355.37
		For Work In Restricted Working Space, Add	*133.60*	
23 21 16 00-0133	EA	6" x 4" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser	1,992.12	357.39
		For Work In Restricted Working Space, Add	*134.03*	
23 21 16 00-0134	EA	6" x 6" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser	2,408.76	397.72
		For Work In Restricted Working Space, Add	*149.68*	
23 21 16 00-0135	EA	8" x 6" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser	2,720.94	508.19
		For Work In Restricted Working Space, Add	*189.39*	
23 21 16 00-0136	EA	8" x 8" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser	4,222.56	508.19
		For Work In Restricted Working Space, Add	*189.39*	
23 21 16 00-0137	EA	10" x 8" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser	4,821.41	618.67
		For Work In Restricted Working Space, Add	*232.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0138	EA	10" x 10" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser	5,642.69	618.67
		For Work In Restricted Working Space, Add	*232.00*	

23 21 16 00-0139 Duplex Strainers *(23 21 16)*

23 21 16 00-0140 Iron Body, Duplex Strainers *(23 21 16 00-0139)*

23 21 16 00-0141 Screwed Ends, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainers *(23 21 16 00-0140)*

Note: With brass or stainless steel basket.

23 21 16 00-0142	EA	3/4" Screwed Ends, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	973.16	31.05
		For Work In Restricted Working Space, Add	*18.64*	
23 21 16 00-0143	EA	1" Screwed Ends, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	1,086.54	35.54
		For Work In Restricted Working Space, Add	*21.34*	
23 21 16 00-0144	EA	1-1/4" Screwed Ends, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	1,473.75	41.77
		For Work In Restricted Working Space, Add	*25.05*	
23 21 16 00-0145	EA	1-1/2" Screwed Ends, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	1,856.13	45.52
		For Work In Restricted Working Space, Add	*27.31*	
23 21 16 00-0146	EA	2" Screwed Ends, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	2,488.53	55.48
		For Work In Restricted Working Space, Add	*33.40*	
23 21 16 00-0147	EA	2-1/2" Screwed Ends, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	3,131.40	71.08
		For Work In Restricted Working Space, Add	*42.63*	

23 21 16 00-0148 Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainers *(23 21 16 00-0140)*

Note: With brass or stainless steel basket.

23 21 16 00-0149	EA	2" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	3,386.91	166.21
		For Work In Restricted Working Space, Add	*62.35*	
23 21 16 00-0150	EA	2-1/2" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	3,500.69	180.80
		For Work In Restricted Working Space, Add	*68.01*	
23 21 16 00-0151	EA	3" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	4,488.26	211.98
		For Work In Restricted Working Space, Add	*79.59*	
23 21 16 00-0152	EA	4" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	7,037.44	314.85
		For Work In Restricted Working Space, Add	*118.37*	
23 21 16 00-0153	EA	6" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	13,784.68	397.72
		For Work In Restricted Working Space, Add	*149.68*	
23 21 16 00-0154	EA	8" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	26,253.82	508.19
		For Work In Restricted Working Space, Add	*189.39*	
23 21 16 00-0155	EA	10" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	36,265.28	618.67
		For Work In Restricted Working Space, Add	*232.00*	
23 21 16 00-0156	EA	12" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	41,038.07	779.97
		For Work In Restricted Working Space, Add	*468.12*	
23 21 16 00-0157	EA	14" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	48,933.48	883.81
		For Work In Restricted Working Space, Add	*331.43*	
23 21 16 00-0158	EA	16" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	61,190.93	972.19
		For Work In Restricted Working Space, Add	*364.57*	

23 21 16 00-0159 Bronze Body, Duplex Strainers *(23 21 16 00-0139)*

23 21 16 00-0160 Screwed Ends, 125 Lb., Bronze Diverter, Bronze Body Duplex Strainers *(23 21 16 00-0159)*

Note: With brass or stainless steel basket.

23 21 16 00-0161	EA	3/4" Screwed Ends, 125 Lb., Bronze Diverter, Bronze Body Duplex Strainer	1,817.76	31.17
		For Work In Restricted Working Space, Add	*18.64*	
23 21 16 00-0162	EA	1" Screwed Ends, 125 Lb., Bronze Diverter, Bronze Body Duplex Strainer	2,016.54	35.54
		For Work In Restricted Working Space, Add	*21.34*	
23 21 16 00-0163	EA	1-1/4" Screwed Ends, 125 Lb., Bronze Diverter, Bronze Body Duplex Strainer	2,954.16	41.77
		For Work In Restricted Working Space, Add	*25.05*	
23 21 16 00-0164	EA	1-1/2" Screwed Ends, 125 Lb., Bronze Diverter, Bronze Body Duplex Strainer	3,886.95	45.52
		For Work In Restricted Working Space, Add	*27.31*	
23 21 16 00-0165	EA	2" Screwed Ends, 125 Lb., Bronze Diverter, Bronze Body Duplex Strainer	5,022.31	55.48
		For Work In Restricted Working Space, Add	*33.40*	
23 21 16 00-0166	EA	2-1/2" Screwed Ends, 125 Lb., Bronze Diverter, Bronze Body Duplex Strainer	6,168.15	71.08
		For Work In Restricted Working Space, Add	*42.63*	

23 21 16 00-0167 Flanged, 125 Lb., Bronze Diverter, Bronze Body, Duplex Strainers *(23 21 16 00-0159)*

Note: With brass or stainless steel basket.

23 21 16 00-0168	EA	2" Flanged, 125 Lb., Bronze Diverter, Bronze Body, Duplex Strainer	7,040.49	166.21
		For Work In Restricted Working Space, Add	*62.35*	
23 21 16 00-0169	EA	2-1/2" Flanged, 125 Lb., Bronze Diverter, Bronze Body, Duplex Strainer	7,249.17	180.80
		For Work In Restricted Working Space, Add	*68.01*	
23 21 16 00-0170	EA	3" Flanged, 125 Lb., Bronze Diverter, Bronze Body, Duplex Strainer	9,944.91	211.98
		For Work In Restricted Working Space, Add	*79.59*	
23 21 16 00-0171	EA	4" Flanged, 125 Lb., Bronze Diverter, Bronze Body, Duplex Strainer	15,673.18	314.85
		For Work In Restricted Working Space, Add	*118.37*	
23 21 16 00-0172	EA	6" Flanged, 125 Lb., Bronze Diverter, Bronze Body, Duplex Strainer	34,092.90	397.72
		For Work In Restricted Working Space, Add	*149.68*	

23 21 16 00-0173 Cast Steel Body, Duplex Strainers *(23 21 16 00-0139)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 21 16 00-0174 Screwed Ends, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainers *(23 21 16 00-0173)*

Note: With brass or stainless steel basket.

23 21 16 00-0175	EA	1" Screwed Ends, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer	2,834.35	35.54
		For Work In Restricted Working Space, Add	*21.34*	
23 21 16 00-0176	EA	1-1/4" Screwed Ends, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer	3,491.44	41.77
		For Work In Restricted Working Space, Add	*25.04*	
23 21 16 00-0177	EA	1-1/2" Screwed Ends, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer	4,143.75	45.52
		For Work In Restricted Working Space, Add	*27.31*	
23 21 16 00-0178	EA	2" Screwed Ends, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer	7,019.36	55.48
		For Work In Restricted Working Space, Add	*33.40*	

23 21 16 00-0179 Flanged, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainers *(23 21 16 00-0173)*

Note: With brass or stainless steel basket.

23 21 16 00-0180	EA	2" Flanged, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer	7,161.91	166.21
		For Work In Restricted Working Space, Add	*62.35*	
23 21 16 00-0181	EA	2-1/2" Flanged, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer	7,871.59	180.80
		For Work In Restricted Working Space, Add	*68.01*	
23 21 16 00-0182	EA	3" Flanged, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer	10,351.02	211.98
		For Work In Restricted Working Space, Add	*79.59*	
23 21 16 00-0183	EA	4" Flanged, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer	15,177.75	314.85
		For Work In Restricted Working Space, Add	*118.37*	
23 21 16 00-0184	EA	6" Flanged, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer	25,920.49	397.72
		For Work In Restricted Working Space, Add	*149.68*	
23 21 16 00-0185	EA	8" Flanged, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer	50,553.35	508.19
		For Work In Restricted Working Space, Add	*189.39*	

23 21 16 00-0186 Stainless Steel Body, Duplex Strainers *(23 21 16 00-0139)*

23 21 16 00-0187 Screwed Ends, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainers *(23 21 16 00-0186)*

Note: With stainless steel basket.

23 21 16 00-0188	EA	1" Screwed Ends, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	6,495.03	35.54
		For Work In Restricted Working Space, Add	*21.34*	
23 21 16 00-0189	EA	1-1/4" Screwed Ends, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	8,208.51	41.77
		For Work In Restricted Working Space, Add	*25.04*	
23 21 16 00-0190	EA	1-1/2" Screwed Ends, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	9,905.31	45.52
		For Work In Restricted Working Space, Add	*27.31*	
23 21 16 00-0191	EA	2" Screwed Ends, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	15,873.65	55.48
		For Work In Restricted Working Space, Add	*33.40*	

23 21 16 00-0192 Flanged, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainers *(23 21 16 00-0186)*

Note: With stainless steel basket.

23 21 16 00-0193	EA	2" Flanged, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	16,624.42	166.21
		For Work In Restricted Working Space, Add	*62.35*	
23 21 16 00-0194	EA	2-1/2" Flanged, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	17,476.03	180.80
		For Work In Restricted Working Space, Add	*68.01*	
23 21 16 00-0195	EA	3" Flanged, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	27,388.37	211.98
		For Work In Restricted Working Space, Add	*79.59*	
23 21 16 00-0196	EA	4" Flanged, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	33,465.68	314.85
		For Work In Restricted Working Space, Add	*118.37*	
23 21 16 00-0197	EA	6" Flanged, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	58,789.75	397.72
		For Work In Restricted Working Space, Add	*149.68*	
23 21 16 00-0198	EA	8" Flanged, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	108,647.76	508.19
		For Work In Restricted Working Space, Add	*189.39*	

23 21 16 00-0199 Pressure Regulating Valve *(23 21 16)*

23 21 16 00-0200 Screwed Ends, Iron Body, Water Pressure Reducing Valves *(23 21 16 00-0199)*

Note: For building services, 25 - 75 PSI, up to 300 Lb. rating

23 21 16 00-0201	EA	1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	240.34	15.58
		For Work In Restricted Working Space, Add	*18.70*	
23 21 16 00-0202	EA	3/4" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	296.13	17.45
		For Work In Restricted Working Space, Add	*20.78*	
23 21 16 00-0203	EA	1" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	389.64	18.70
		For Work In Restricted Working Space, Add	*22.00*	
23 21 16 00-0204	EA	1-1/4" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	667.80	20.94
		For Work In Restricted Working Space, Add	*24.93*	
23 21 16 00-0205	EA	1-1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	906.29	24.93
		For Work In Restricted Working Space, Add	*29.91*	
23 21 16 00-0206	EA	2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	1,298.81	38.22
		For Work In Restricted Working Space, Add	*45.91*	
23 21 16 00-0207	EA	2-1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	1,412.90	43.04
		For Work In Restricted Working Space, Add	*51.65*	
23 21 16 00-0208	EA	3" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	1,552.51	124.53
		For Work In Restricted Working Space, Add	*57.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0209		**Cast Iron Body, Steam Pressure Regulator And Reducer** *(23 21 16 00-0199)* Note: Single seated, spring loaded, direct acting diaphragm valve.		
23 21 16 00-0210		**Screwed Ends, Cast Iron Body, Steam Pressure Regulator And Reducer** *(23 21 16 00-0209)*		
23 21 16 00-0211	EA	1/2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	404.27	20.95
		For Work In Restricted Working Space, Add	*25.10*	
23 21 16 00-0212	EA	3/4" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	506.58	29.68
		For Work In Restricted Working Space, Add	*35.63*	
23 21 16 00-0213	EA	1" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	650.97	36.16
		For Work In Restricted Working Space, Add	*43.50*	
23 21 16 00-0214	EA	1-1/4" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	870.41	43.90
		For Work In Restricted Working Space, Add	*50.55*	
23 21 16 00-0215	EA	1-1/2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	1,167.62	49.88
		For Work In Restricted Working Space, Add	*57.55*	
23 21 16 00-0216	EA	2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	1,365.72	69.80
		For Work In Restricted Working Space, Add	*69.80*	
23 21 16 00-0217		**Flanged, Cast Iron Body, Steam Pressure Regulator And Reducer** *(23 21 16 00-0209)* Note: Single seated, spring loaded, direct acting diaphragm valve.		
23 21 16 00-0218	EA	2-1/2" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	3,140.42	168.70
		For Work In Restricted Working Space, Add	*63.46*	
23 21 16 00-0219	EA	3" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	3,904.53	197.79
		For Work In Restricted Working Space, Add	*74.26*	
23 21 16 00-0220	EA	4" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	5,024.62	331.58
		For Work In Restricted Working Space, Add	*124.65*	
23 21 16 00-0221	EA	6" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	12,509.86	403.13
		For Work In Restricted Working Space, Add	*151.72*	
23 21 16 00-0222		**Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves** *(23 21 16 00-0199)*		
23 21 16 00-0223		**Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves** *(23 21 16 00-0222)*		
23 21 16 00-0224	EA	1/2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	2,273.97	15.21
		For Work In Restricted Working Space, Add	*22.82*	
23 21 16 00-0225	EA	3/4" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	2,321.64	15.21
		For Work In Restricted Working Space, Add	*22.82*	
23 21 16 00-0226	EA	1" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	2,473.99	19.20
		For Work In Restricted Working Space, Add	*28.80*	
23 21 16 00-0227	EA	1-1/4" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	2,907.99	24.43
		For Work In Restricted Working Space, Add	*36.66*	
23 21 16 00-0228	EA	1-1/2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	3,329.20	28.18
		For Work In Restricted Working Space, Add	*42.27*	
23 21 16 00-0229	EA	2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	4,127.39	33.16
		For Work In Restricted Working Space, Add	*49.76*	
23 21 16 00-0230		**Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves** *(23 21 16 00-0222)*		
23 21 16 00-0231	EA	2-1/2" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	5,099.90	168.70
		For Work In Restricted Working Space, Add	*63.46*	
23 21 16 00-0232	EA	3" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	6,290.48	197.79
		For Work In Restricted Working Space, Add	*74.26*	
23 21 16 00-0233	EA	4" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	9,530.22	331.58
		For Work In Restricted Working Space, Add	*124.65*	
23 21 16 00-0234	EA	6" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	20,954.26	403.13
		For Work In Restricted Working Space, Add	*151.72*	
23 21 16 00-0235		**Screwed Ends, Cast Iron Body, Air Pressure Reducing Valves** *(23 21 16 00-0199)*		
23 21 16 00-0236	EA	1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	269.61	16.20
23 21 16 00-0237	EA	3/4" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	333.44	17.94
23 21 16 00-0238	EA	1" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	441.65	19.07
23 21 16 00-0239	EA	1-1/4" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	763.94	21.69
23 21 16 00-0240	EA	1-1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	1,038.88	25.92
23 21 16 00-0241	EA	2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	1,487.21	39.71
23 21 16 00-0242	EA	2-1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	1,611.17	43.26
23 21 16 00-0243	EA	3" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	1,776.33	49.81
23 21 16 00-0244		**Screwed Ends, Bronze Body, Water Pressure Reducing Valves** *(23 21 16 00-0199)* Note: For building services, bronze construction, pressure adjustment, union and strainer, factory set at 45 PSI (Watts 25AUB).		
23 21 16 00-0245	EA	1/2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	220.42	15.58
23 21 16 00-0246	EA	3/4" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	242.17	17.45
23 21 16 00-0247	EA	1" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	301.88	19.32
23 21 16 00-0248	EA	1-1/4" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	722.33	20.94
23 21 16 00-0249	EA	1-1/2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	782.17	24.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0250	EA	2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	1,229.38	38.22
23 21 16 00-0251		**Dual Unit Reducing And Relief Valve** *(23 21 16)*		
23 21 16 00-0252	EA	1/2" Dual Unit Reducing And Relief Valve	248.40	38.03
23 21 16 00-0253		**Safety Relief Valve** *(23 21 16)*		
		Note: Used in water heater and hot water storage tank applications.		
23 21 16 00-0254		**Threaded Inlet, Bronze Body Safety Valves** *(23 21 16 00-0253)*		
		Note: Variable set points to 150 PSIG pressure, 210 Degree F temperature range.		
23 21 16 00-0255	EA	1/2" x 1/2" Threaded Inlet, Bronze Body Safety Valve	89.69	15.58
23 21 16 00-0256	EA	3/4" x 3/4" Threaded Inlet, Bronze Body Safety Valve	126.18	17.14
23 21 16 00-0257	EA	1" x 1" Threaded Inlet, Bronze Body Safety Valve	183.93	20.88
23 21 16 00-0258	EA	1-1/4" x 1-1/4" Threaded Inlet, Bronze Body Safety Valve	239.94	22.12
23 21 16 00-0259	EA	1-1/2" x 1-1/2" Threaded Inlet, Bronze Body Safety Valve	330.77	29.60
23 21 16 00-0260	EA	2" x 2" Threaded Inlet, Bronze Body Safety Valve	445.80	34.90
23 21 16 00-0261	EA	2-1/2" x 2-1/2" Threaded Inlet, Bronze Body Safety Valve	503.75	43.63
23 21 16 00-0262		**Threaded, Bronze Body, Temperature And Pressure Relief Valves** *(23 21 16)*		
23 21 16 00-0263	EA	1/2" x 1/2" Threaded, Bronze Body, Temperature And Pressure Relief Valve	102.58	31.78
		For Cast Iron Body, Add	*63.31*	
23 21 16 00-0264	EA	3/4" x 3/4" Threaded, Bronze Body, Temperature And Pressure Relief Valve	132.89	38.14
		For Cast Iron Body, Add	*88.20*	
23 21 16 00-0265	EA	1" x 1" Threaded, Bronze Body, Temperature And Pressure Relief Valve	195.48	50.85
		For Cast Iron Body, Add	*140.48*	
23 21 16 00-0266	EA	1-1/4" x 1-1/4" Threaded, Bronze Body, Temperature And Pressure Relief Valve	327.87	54.47
		For Cast Iron Body, Add	*298.54*	
23 21 16 00-0267	EA	1-1/2" x 1-1/2" Threaded, Bronze Body, Temperature And Pressure Relief Valve	556.55	61.08
		For Cast Iron Body, Add	*571.09*	
23 21 16 00-0268	EA	2" x 2" Threaded, Bronze Body, Temperature And Pressure Relief Valve	640.97	87.80
		For Cast Iron Body, Add	*621.88*	
23 21 16 00-0269		**Thermostatic Radiator Valves** *(23 21 16)*		
		Note: For hot water or two pipe low pressure steam.		
23 21 16 00-0270	EA	1/2" Straight Thermostatic Radiator Valve (Danfoss 013G8015)	99.36	20.12
23 21 16 00-0271	EA	3/4" Straight Thermostatic Radiator Valve (Danfoss 013G8020)	120.59	27.11
23 21 16 00-0272	EA	1" Straight Thermostatic Radiator Valve (Danfoss 013G8025)	160.97	32.82
23 21 16 00-0273	EA	1-1/4" Straight Thermostatic Radiator Valve (Danfoss 013G8032)	250.89	41.57
23 21 16 00-0274	EA	1/2" Angle Thermostatic Radiator Valve (Danfoss 013G8014)	99.36	20.12
23 21 16 00-0275	EA	3/4" Angle Thermostatic Radiator Valve (Danfoss 013G8019)	120.59	27.11
23 21 16 00-0276	EA	1" Angle Thermostatic Radiator Valve (Danfoss 013G8024)	160.97	32.82
23 21 16 00-0277	EA	1-1/4" Angle Thermostatic Radiator Valve (Danfoss 013G8031)	250.89	41.57
23 21 16 00-0278	EA	Tamper Resistant Valve Mounted Dial And Sensor Thermostatic Operator (Danfoss 013G8240)	102.14	15.58
23 21 16 00-0279	EA	Tamper Resistant Valve Mounted Dial With Remote Sensor Thermostatic Operator (Danfoss 013G2922)	172.38	21.82
23 21 16 00-0280		**Radiator Trap Repair Kits** *(23 21 16)*		
		Note: For hot water or two pipe low pressure steam.		
23 21 16 00-0281	EA	1/2" Trap (Spirax-Sarco TH-125), Straight, Radiator Trap Repair Kit (Spirax-Sarco SH1031)	160.24	
23 21 16 00-0282	EA	3/4" Trap (Spirax-Sarco TH-125), Straight, Radiator Trap Repair Kit (Spirax-Sarco SH1032)	200.26	
23 21 16 00-0283	EA	1/2" Trap (Spirax-Sarco TH-125), Angle, Radiator Trap Repair Kit (Spirax-Sarco SH1026)	203.25	
23 21 16 00-0284	EA	3/4" Trap (Spirax-Sarco TH-125), Angle, Radiator Trap Repair Kit (Spirax-Sarco SH1027)	231.00	
23 21 16 00-0285	EA	1" Trap (Spirax-Sarco TH-125), Angle, Radiator Trap Repair Kit (Spirax-Sarco SH1028)	547.58	
23 21 16 00-0286		**Horizontal Steel Expansion Tanks** *(23 21 16)*		
		Note: ASME Code Stamp. 150 PSI with glass gauge and cocks.		
23 21 16 00-0287	EA	10 Gallon Horizontal Steel Expansion Tank	728.19	124.69
23 21 16 00-0288	EA	15 Gallon Horizontal Steel Expansion Tank	1,029.94	155.86
23 21 16 00-0289	EA	30 Gallon Horizontal Steel Expansion Tank	1,349.68	187.04
23 21 16 00-0290	EA	40 Gallon Horizontal Steel Expansion Tank	1,553.64	218.21
23 21 16 00-0291	EA	60 Gallon Horizontal Steel Expansion Tank	1,787.04	220.95
23 21 16 00-0292		**Horizontal Diaphragm Type (Bladder) Steel Expansion Tanks** *(23 21 16)*		
		Note: ASME. Precharged with working pressure 125 psi. Armstrong AX Series.		
23 21 16 00-0293	EA	7.8 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	1,603.62	93.52
23 21 16 00-0294	EA	10.9 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	1,675.95	109.10
23 21 16 00-0295	EA	21.7 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	2,494.11	124.69
23 21 16 00-0296	EA	33.6 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	2,597.94	140.27
23 21 16 00-0297	EA	44.4 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	3,517.80	155.86
23 21 16 00-0298	EA	55.7 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	3,711.21	171.45
23 21 16 00-0299	EA	68.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	4,410.71	187.04
23 21 16 00-0300	EA	77.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	4,720.36	202.62
23 21 16 00-0301	EA	90.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	5,201.93	218.21
23 21 16 00-0302	EA	110.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	5,351.45	249.38
23 21 16 00-0303	EA	132.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	6,709.29	280.56
23 21 16 00-0304	EA	158.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	7,691.81	311.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0305	EA	211.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	8,930.39	374.07
23 21 16 00-0306		**Vertical Diaphragm Type (Bladder) Steel Expansion Tanks (Armstrong AX)** *(23 21 16)*		
		Note: ASME. Precharged with working pressure 125 psi		
23 21 16 00-0307	EA	8.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	1,826.40	93.52
23 21 16 00-0308	EA	11.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	1,886.62	109.10
23 21 16 00-0309	EA	22.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	2,697.52	124.69
23 21 16 00-0310	EA	34.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	2,881.25	140.27
23 21 16 00-0311	EA	44.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	3,660.66	155.86
23 21 16 00-0312	EA	56.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	3,851.65	171.45
23 21 16 00-0313	EA	67.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	4,694.03	187.04
23 21 16 00-0314	EA	77.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	5,073.90	202.62
23 21 16 00-0315	EA	91.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	5,611.17	218.21
23 21 16 00-0316	EA	111.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	5,753.42	249.38
23 21 16 00-0317	EA	132.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	7,074.94	280.56
23 21 16 00-0318	EA	158.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	8,207.59	311.73
23 21 16 00-0319	EA	211.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	9,455.85	374.07
23 21 16 00-0320		**Diaphragm Type (Residential Style) Steel Expansion Tanks** *(23 21 16)*		
23 21 16 00-0321	EA	2.1 Gallon Diaphragm Type (Residential Style) Steel Expansion Tank (Watts DET-5-M1)	109.71	11.48
23 21 16 00-0322	EA	4.5 Gallon Diaphragm Type (Residential Style) Steel Expansion Tank (Watts DET-12-M1)	157.54	11.48
23 21 16 00-0323		**Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tanks** *(23 21 16)*		
23 21 16 00-0324	EA	15 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,293.27	374.20
23 21 16 00-0325	EA	20 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,348.70	374.20
23 21 16 00-0326	EA	30 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,404.12	374.20
23 21 16 00-0327	EA	40 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,548.21	374.20
23 21 16 00-0328	EA	47 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,847.02	498.63
23 21 16 00-0329	EA	60 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	2,178.80	498.89
23 21 16 00-0330	EA	80 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	2,244.63	498.89
23 21 16 00-0331	EA	87 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	2,310.47	498.89
23 21 16 00-0332	EA	120 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	2,940.55	623.45
23 21 16 00-0333	EA	187 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	8,522.20	623.45
23 21 16 00-0334	EA	264 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	10,841.79	747.89
23 21 16 00-0335		**ASME Construction Compression Tanks** *(23 21 16)*		
		Note: With gauge glass taps, 125 PSI, 240 degree F tanks below are sized by capacity and diameter and height.		
23 21 16 00-0336	EA	15 Gallon, 13" x 34-1/2" ASME Construction Compression Tank	1,628.65	219.46
		For Galvanized Steel Tanks, Add	*648.07*	
23 21 16 00-0337	EA	24 Gallon, 13" x 51" ASME Construction Compression Tank	1,658.13	225.69
		For Galvanized Steel Tanks, Add	*657.62*	
23 21 16 00-0338	EA	30 Gallon, 13" x 61-1/2" ASME Construction Compression Tank	1,821.84	233.17
		For Galvanized Steel Tanks, Add	*733.86*	
23 21 16 00-0339	EA	40 Gallon, 16-1/4" x 53" ASME Construction Compression Tank	2,007.07	241.90
		For Galvanized Steel Tanks, Add	*819.62*	
23 21 16 00-0340	EA	60 Gallon, 16-1/4" x 76-1/2" ASME Construction Compression Tank	2,368.88	255.62
		For Galvanized Steel Tanks, Add	*991.17*	
23 21 16 00-0341	EA	80 Gallon, 20-1/4" x 68" ASME Construction Compression Tank	2,460.81	265.59
		For Galvanized Steel Tanks, Add	*1,029.29*	
23 21 16 00-0342	EA	100 Gallon, 20-1/4" x 82" ASME Construction Compression Tank	3,087.01	289.29
		For Galvanized Steel Tanks, Add	*1,324.75*	
23 21 16 00-0343	EA	120 Gallon, 24-1/4" x 71-1/2" ASME Construction Compression Tank	3,367.77	310.48
		For Galvanized Steel Tanks, Add	*1,448.62*	
23 21 16 00-0344	EA	144 Gallon, 24-1/4" x 83-1/2" ASME Construction Compression Tank	4,226.76	350.38
		For Galvanized Steel Tanks, Add	*1,848.08*	
23 21 16 00-0345	EA	180 Gallon, 30" x 60" ASME Construction Compression Tank	5,411.61	401.50
		For Galvanized Steel Tanks, Add	*2,401.69*	
23 21 16 00-0346	EA	202 Gallon, 30" x 72" ASME Construction Compression Tank	6,518.57	445.14
		For Galvanized Steel Tanks, Add	*2,922.29*	
23 21 16 00-0347	EA	230 Gallon, 30" x 84" ASME Construction Compression Tank	7,130.81	483.79
		For Galvanized Steel Tanks, Add	*3,198.67*	
23 21 16 00-0348	EA	280 Gallon, 30" x 96" ASME Construction Compression Tank	9,088.81	531.18
		For Galvanized Steel Tanks, Add	*4,142.18*	
23 21 16 00-0349	EA	306 Gallon, 30" x 108" ASME Construction Compression Tank	9,357.32	567.34
		For Galvanized Steel Tanks, Add	*4,248.70*	
23 21 16 00-0350	EA	340 Gallon, 36" x 84" ASME Construction Compression Tank	12,180.25	609.73
		For Galvanized Steel Tanks, Add	*5,628.31*	
23 21 16 00-0351	EA	550 Gallon, 36" x 96" ASME Construction Compression Tank	20,586.98	715.72
		For Galvanized Steel Tanks, Add	*9,751.36*	
23 21 16 00-0352		**Compression Tank Air Fittings** *(23 21 16)*		
23 21 16 00-0353	EA	9" To 24" Diameter Compression Tank Air Fittings	245.12	34.91
23 21 16 00-0354	EA	>100 Gallon Compression Tank Air Fittings	793.26	41.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0355		**Vortex Air Separators With Strainer** *(23 21 16)*		
		Note: Separators are priced by capacity in gallons per minute and by boiler connection sizes and types.		
23 21 16 00-0356	EA	2" Threaded, 56 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-2N)	2,066.51	265.59
		For 300 PSIG, Add	*249.64*	
23 21 16 00-0357	EA	2-1/2" Threaded, 90 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-2-1/2N)	2,569.25	304.25
		For 300 PSIG, Add	*316.11*	
23 21 16 00-0358	EA	3" Threaded, 190 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-3N)	4,008.57	357.86
		For 300 PSIG, Add	*519.96*	
23 21 16 00-0359	EA	3" Flanged, 190 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-3F)	4,286.77	378.94
		For 300 PSIG, Add	*556.89*	
23 21 16 00-0360	EA	4" Flanged, 300 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-4F)	5,522.02	505.25
		For 300 PSIG, Add	*713.47*	
23 21 16 00-0361	EA	5" Flanged, 500 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-5F)	6,985.89	600.99
		For 300 PSIG, Add	*911.41*	
23 21 16 00-0362	EA	6" Flanged, 700 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-6F)	8,308.63	680.53
		For 300 PSIG, Add	*1,091.63*	
23 21 16 00-0363	EA	8" Flanged, 1,300 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-8F)	12,050.22	816.42
		For 300 PSIG, Add	*1,621.93*	
23 21 16 00-0364	EA	10" Flanged, 2,000 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-10F)	18,757.89	928.00
		For 300 PSIG, Add	*2,602.77*	
23 21 16 00-0365	EA	12" Flanged, 2,750 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-12F)	25,334.94	1,200.88
		For 300 PSIG, Add	*3,527.30*	
23 21 16 00-0366	EA	14" Flanged, 3400 GPM With Strainer, Vortex Air Separator (Rolairtrol R-14F)	53,442.38	1,458.28
		For 300 PSIG, Add	*7,684.93*	
23 21 16 00-0367	EA	16" Flanged, 4400 GPM With Strainer, Vortex Air Separator (Rolairtrol R-16F)	66,008.67	1,749.94
		For 300 PSIG, Add	*9,503.59*	
23 21 16 00-0368	EA	18" Flanged, 5200 GPM With Strainer, Vortex Air Separator (Rolairtrol R-16F)	86,278.36	2,041.60
		For 300 PSIG, Add	*12,477.75*	
23 21 16 00-0369	EA	20" Flanged, 6300 GPM With Strainer, Vortex Air Separator (Rolairtrol R-20F)	100,984.25	2,333.26
		For 300 PSIG, Add	*14,617.35*	
23 21 16 00-0370		**Vortex Air Separators** *(23 21 16)*		
		Note: Without system strainer.		
23 21 16 00-0371	EA	2" Threaded, 56 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-2N)	1,741.53	265.59
		For 300 PSIG, Add	*200.90*	
23 21 16 00-0372	EA	2-1/2" Threaded, 90 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-2-1/2N)	2,214.73	304.25
		For 300 PSIG, Add	*262.94*	
23 21 16 00-0373	EA	3" Threaded, 190 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-3N)	3,919.94	357.86
		For 300 PSIG, Add	*506.67*	
23 21 16 00-0374	EA	3" Flanged, 190 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-3F)	3,508.79	378.94
		For 300 PSIG, Add	*440.20*	
23 21 16 00-0375	EA	4" Flanged, 300 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-4F)	4,704.65	505.25
		For 300 PSIG, Add	*590.87*	
23 21 16 00-0376	EA	5" Flanged, 530 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-5F)	6,129.13	600.99
		For 300 PSIG, Add	*782.90*	
23 21 16 00-0377	EA	6" Flanged, 850 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-6F)	7,146.59	680.53
		For 300 PSIG, Add	*917.32*	
23 21 16 00-0378	EA	8" Flanged, 1,900 GPM Vortex Air Separator (Rolairtrol RL-8F)	9,568.58	816.42
		For 300 PSIG, Add	*1,249.69*	
23 21 16 00-0379	EA	10" Flanged, 3,600 GPM Vortex Air Separator (Rolairtrol RL-10F)	13,449.93	928.00
		For 300 PSIG, Add	*1,806.58*	
23 21 16 00-0380	EA	12" Flanged, 4,800 GPM Vortex Air Separator (Rolairtrol RL-12F)	20,875.10	1,200.88
		For 300 PSIG, Add	*2,858.32*	
23 21 16 00-0381	EA	14" Flanged, 6,100 GPM Vortex Air Separator (Rolairtrol RL-14F)	35,916.31	1,458.28
		For 300 PSIG, Add	*5,056.02*	
23 21 16 00-0382	EA	16" Flanged, 8,000 GPM Vortex Air Separator (Rolairtrol RL-16F)	45,564.97	1,749.94
		For 300 PSIG, Add	*6,437.03*	
23 21 16 00-0383	EA	18" Flanged, 9,700 GPM Vortex Air Separator (Rolairtrol RL-16F)	61,113.76	2,041.60
		For 300 PSIG, Add	*8,703.06*	
23 21 16 00-0384	EA	20" Flanged, 12,000 GPM Vortex Air Separator (Rolairtrol RL-20F)	83,871.51	2,333.26
		For 300 PSIG, Add	*12,050.44*	
23 21 16 00-0385	EA	22" Flanged, 15,000 GPM Vortex Air Separator (Rolairtrol RL-22F)	102,858.63	2,624.92
		For 300 PSIG, Add	*14,832.22*	
23 21 16 00-0386	EA	24" Flanged, 17,000 GPM Vortex Air Separator (Rolairtrol RL-24F)	121,845.75	2,916.57
		For 300 PSIG, Add	*17,614.01*	
23 21 16 00-0387		**Grooved, With Strainer, Vortex Air Separators** *(23 21 16)*		
23 21 16 00-0388	EA	3" Grooved, 190 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-3G)	3,778.04	303.15
23 21 16 00-0389	EA	4" Grooved, 300 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-4G)	5,368.53	403.95
23 21 16 00-0390	EA	5" Grooved, 500 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-5G)	6,803.91	480.35
23 21 16 00-0391	EA	6" Grooved, 700 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-6G)	8,102.33	544.43
23 21 16 00-0392	EA	8" Grooved, 1,300 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-8G)	11,783.05	653.32
23 21 16 00-0393	EA	10" Grooved, 2,000 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-10G)	19,244.78	742.40
23 21 16 00-0394	EA	12" Grooved, 2,750 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-12G)	29,408.29	960.81
23 21 16 00-0395		**Grooved Vortex Air Separators** *(23 21 16)*		
		Note: Without system strainer.		
23 21 16 00-0396	EA	3" Grooved, 190 GPM Vortex Air Separator (Rolairtrol RL-3G)	2,970.52	303.15
23 21 16 00-0397	EA	4" Grooved, 300 GPM Vortex Air Separator (Rolairtrol RL-4G)	4,551.16	403.95
23 21 16 00-0398	EA	5" Grooved, 530 GPM Vortex Air Separator (Rolairtrol RL-5G)	5,947.15	480.35

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0399	EA	6" Grooved, 850 GPM Vortex Air Separator (Rolairtrol RL-6G)	6,940.29	544.43
23 21 16 00-0400	EA	8" Grooved, 1,900 GPM Vortex Air Separator (Rolairtrol RL-8G)	9,321.10	653.32
23 21 16 00-0401	EA	10" Grooved, 3,600 GPM Vortex Air Separator (Rolairtrol RL-10G)	13,858.04	742.40
23 21 16 00-0402	EA	12" Grooved, 4,800 GPM Vortex Air Separator (Rolairtrol RL-12G)	23,196.15	960.81

23 21 16 00-0403 Basket Strainers *(23 21 16)*

23 21 16 00-0404 Bronze Body Basket Strainers *(23 21 16 00-0403)*

23 21 16 00-0405 Screwed Ends, Bronze Body Basket Strainers *(23 21 16 00-0404)*

23 21 16 00-0406	EA	1/2" Screwed Ends, Bronze Body Basket Strainer	339.87	24.94
		For Work In Restricted Working Space, Add	*14.84*	
23 21 16 00-0407	EA	3/4" Screwed Ends, Bronze Body Basket Strainer	401.67	29.31
		For Work In Restricted Working Space, Add	*17.44*	
23 21 16 00-0408	EA	1" Screwed Ends, Bronze Body Basket Strainer	465.95	34.91
		For Work In Restricted Working Space, Add	*20.78*	
23 21 16 00-0409	EA	1-1/4" Screwed Ends, Bronze Body Basket Strainer	580.19	38.65
		For Work In Restricted Working Space, Add	*23.17*	
23 21 16 00-0410	EA	1-1/2" Screwed Ends, Bronze Body Basket Strainer	685.06	43.64
		For Work In Restricted Working Space, Add	*26.16*	
23 21 16 00-0411	EA	2" Screwed Ends, Bronze Body Basket Strainer	1,020.36	49.88
		For Work In Restricted Working Space, Add	*29.96*	
23 21 16 00-0412	EA	2-1/2" Screwed Ends, Bronze Body Basket Strainer	1,443.35	66.71
		For Work In Restricted Working Space, Add	*40.13*	
23 21 16 00-0413	EA	3" Screwed Ends, Bronze Body Basket Strainer	2,030.34	71.08
		For Work In Restricted Working Space, Add	*42.56*	

23 21 16 00-0414 Flanged, Bronze Body Basket Strainers *(23 21 16 00-0404)*

23 21 16 00-0415	EA	2" Flanged, Bronze Body Basket Strainer	1,602.82	166.21
		For Work In Restricted Working Space, Add	*62.35*	
23 21 16 00-0416	EA	2-1/2" Flanged, Bronze Body Basket Strainer	2,409.36	180.80
		For Work In Restricted Working Space, Add	*68.01*	
23 21 16 00-0417	EA	3" Flanged, Bronze Body Basket Strainer	2,732.64	211.98
		For Work In Restricted Working Space, Add	*79.59*	
23 21 16 00-0418	EA	4" Flanged, Bronze Body Basket Strainer	4,620.85	355.37
		For Work In Restricted Working Space, Add	*133.60*	
23 21 16 00-0419	EA	6" Flanged, Bronze Body Basket Strainer	8,755.07	397.72
		For Work In Restricted Working Space, Add	*149.68*	
23 21 16 00-0420	EA	8" Flanged, Bronze Body Basket Strainer	15,957.36	508.19
		For Work In Restricted Working Space, Add	*189.39*	

23 21 16 00-0421 Iron Body Basket Strainers *(23 21 16 00-0403)*

23 21 16 00-0422 Screwed Ends, Iron Body Basket Strainers *(23 21 16 00-0421)*

23 21 16 00-0423	EA	1/2" Screwed Ends, Iron Body Basket Strainer	390.24	24.94
		For Work In Restricted Working Space, Add	*14.84*	
23 21 16 00-0424	EA	3/4" Screwed Ends, Iron Body Basket Strainer	439.54	29.31
		For Work In Restricted Working Space, Add	*17.44*	
23 21 16 00-0425	EA	1" Screwed Ends, Iron Body Basket Strainer	519.46	34.91
		For Work In Restricted Working Space, Add	*20.78*	
23 21 16 00-0426	EA	1-1/4" Screwed Ends, Iron Body Basket Strainer	680.59	38.65
		For Work In Restricted Working Space, Add	*23.17*	
23 21 16 00-0427	EA	1-1/2" Screwed Ends, Iron Body Basket Strainer	746.83	43.64
		For Work In Restricted Working Space, Add	*26.16*	
23 21 16 00-0428	EA	2" Screwed Ends, Iron Body Basket Strainer	887.66	49.88
		For Work In Restricted Working Space, Add	*29.96*	
23 21 16 00-0429	EA	2-1/2" Screwed Ends, Iron Body Basket Strainer	1,259.19	66.71
		For Work In Restricted Working Space, Add	*40.13*	
23 21 16 00-0430	EA	3" Screwed Ends, Iron Body Basket Strainer	1,423.61	71.08
		For Work In Restricted Working Space, Add	*42.56*	

23 21 16 00-0431 Flanged, Iron Body Basket Strainers *(23 21 16 00-0421)*

23 21 16 00-0432	EA	2" Flanged, Iron Body Basket Strainer	1,707.62	166.21
		For Work In Restricted Working Space, Add	*62.35*	
23 21 16 00-0433	EA	2-1/2" Flanged, Iron Body Basket Strainer	2,248.17	180.80
		For Work In Restricted Working Space, Add	*68.01*	
23 21 16 00-0434	EA	3" Flanged, Iron Body Basket Strainer	2,417.17	211.98
		For Work In Restricted Working Space, Add	*79.59*	
23 21 16 00-0435	EA	4" Flanged, Iron Body Basket Strainer	3,684.02	355.37
		For Work In Restricted Working Space, Add	*133.60*	
23 21 16 00-0436	EA	6" Flanged, Iron Body Basket Strainer	6,802.42	397.72
		For Work In Restricted Working Space, Add	*149.68*	
23 21 16 00-0437	EA	8" Flanged, Iron Body Basket Strainer	12,260.16	508.19
		For Work In Restricted Working Space, Add	*189.39*	
23 21 16 00-0438	EA	10" Flanged, Iron Body Basket Strainer	18,270.97	618.67
		For Work In Restricted Working Space, Add	*232.00*	
23 21 16 00-0439	EA	12" Flanged, Iron Body Basket Strainer	22,317.84	779.97
		For Work In Restricted Working Space, Add	*467.93*	
23 21 16 00-0440	EA	14" Flanged, Iron Body Basket Strainer	27,296.88	883.81
		For Work In Restricted Working Space, Add	*331.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0441	EA	16" Flanged, Iron Body Basket Strainer	28,602.85	972.19
		For Work In Restricted Working Space, Add	*364.57*	
23 21 16 00-0442		**Cast Steel Body Basket Strainers** *(23 21 16 00-0403)*		
23 21 16 00-0443		**Screwed Ends, Cast Steel Body Basket Strainers** *(23 21 16 00-0442)*		
23 21 16 00-0444	EA	1" Screwed Ends, Cast Steel Body Basket Strainer	963.15	34.91
		For Work In Restricted Working Space, Add	*20.78*	
23 21 16 00-0445	EA	1-1/4" Screwed Ends, Cast Steel Body Basket Strainer	1,270.33	38.65
		For Work In Restricted Working Space, Add	*23.17*	
23 21 16 00-0446	EA	1-1/2" Screwed Ends, Cast Steel Body Basket Strainer	1,431.78	43.64
		For Work In Restricted Working Space, Add	*26.15*	
23 21 16 00-0447	EA	2" Screwed Ends, Cast Steel Body Basket Strainer	2,012.59	49.88
		For Work In Restricted Working Space, Add	*29.96*	
23 21 16 00-0448	EA	2-1/2" Screwed Ends, Cast Steel Body Basket Strainer	2,822.93	66.71
		For Work In Restricted Working Space, Add	*40.12*	
23 21 16 00-0449	EA	3" Screwed Ends, Cast Steel Body Basket Strainer	3,664.35	71.08
		For Work In Restricted Working Space, Add	*42.56*	
23 21 16 00-0450		**Flanged, Cast Steel Body Basket Strainers** *(23 21 16 00-0442)*		
23 21 16 00-0451	EA	2" Flanged, Cast Steel Body Basket Strainer	2,991.71	166.21
		For Work In Restricted Working Space, Add	*62.35*	
23 21 16 00-0452	EA	2-1/2" Flanged, Cast Steel Body Basket Strainer	4,298.37	180.80
		For Work In Restricted Working Space, Add	*68.01*	
23 21 16 00-0453	EA	3" Flanged, Cast Steel Body Basket Strainer	4,715.72	211.98
		For Work In Restricted Working Space, Add	*79.59*	
23 21 16 00-0454	EA	4" Flanged, Cast Steel Body Basket Strainer	6,694.87	355.37
		For Work In Restricted Working Space, Add	*133.60*	
23 21 16 00-0455	EA	6" Flanged, Cast Steel Body Basket Strainer	11,767.03	397.72
		For Work In Restricted Working Space, Add	*149.68*	
23 21 16 00-0456	EA	8" Flanged, Cast Steel Body Basket Strainer	19,095.84	508.19
		For Work In Restricted Working Space, Add	*189.39*	
23 21 16 00-0457		**Stainless Steel Body Basket Strainers** *(23 21 16 00-0403)*		
23 21 16 00-0458		**Screwed Ends, Stainless Steel Body Basket Strainers** *(23 21 16 00-0457)*		
23 21 16 00-0459	EA	1" Screwed Ends, Stainless Steel Body Basket Strainer	600.27	34.91
		For Work In Restricted Working Space, Add	*20.78*	
23 21 16 00-0460	EA	1-1/4" Screwed Ends, Stainless Steel Body Basket Strainer	863.21	38.65
		For Work In Restricted Working Space, Add	*23.17*	
23 21 16 00-0461	EA	1-1/2" Screwed Ends, Stainless Steel Body Basket Strainer	891.55	43.64
		For Work In Restricted Working Space, Add	*26.15*	
23 21 16 00-0462	EA	2" Screwed Ends, Stainless Steel Body Basket Strainer	1,316.93	49.88
		For Work In Restricted Working Space, Add	*29.96*	
23 21 16 00-0463	EA	2-1/2" Screwed Ends, Stainless Steel Body Basket Strainer	1,860.77	66.71
		For Work In Restricted Working Space, Add	*40.12*	
23 21 16 00-0464	EA	3" Screwed Ends, Stainless Steel Body Basket Strainer	2,625.98	71.08
		For Work In Restricted Working Space, Add	*42.56*	
23 21 16 00-0465		**Flanged, Stainless Steel Body Basket Strainers** *(23 21 16 00-0457)*		
23 21 16 00-0466	EA	2" Flanged, Stainless Steel Body Basket Strainer	2,018.98	166.21
		For Work In Restricted Working Space, Add	*62.35*	
23 21 16 00-0467	EA	2-1/2" Flanged, Stainless Steel Body Basket Strainer	3,047.27	180.80
		For Work In Restricted Working Space, Add	*68.01*	
23 21 16 00-0468	EA	3" Flanged, Stainless Steel Body Basket Strainer	3,451.24	211.98
		For Work In Restricted Working Space, Add	*79.59*	
23 21 16 00-0469	EA	4" Flanged, Stainless Steel Body Basket Strainer	5,834.11	355.37
		For Work In Restricted Working Space, Add	*133.60*	
23 21 16 00-0470	EA	6" Flanged, Stainless Steel Body Basket Strainer	8,910.68	397.72
		For Work In Restricted Working Space, Add	*149.68*	
23 21 16 00-0471	EA	8" Flanged, Stainless Steel Body Basket Strainer	15,457.02	508.19
		For Work In Restricted Working Space, Add	*189.39*	
23 21 16 00-0472		**Bag Filter And Mounting Stands** *(23 21 16)*		
23 21 16 00-0473		**Stainless Steel Housing, Bag Filter And Mounting Stands** *(23 21 16 00-0472)*		
23 21 16 00-0474	EA	4" Diameter Flanged, 395 GPM, 3-Bag, 304 Stainless Steel Housing, Bag Filter And Mounting Stand	6,474.61	355.37
23 21 16 00-0475	EA	4" Diameter Flanged, 525 GPM, 4-Bag, 304 Stainless Steel Housing, Bag Filter And Mounting Stand	7,443.61	355.37
23 21 16 00-0476	EA	6" Diameter Flanged, 785 GPM, 6-Bag, 304 Stainless Steel Housing, Bag Filter And Mounting Stand	11,265.60	397.72
23 21 16 00-0477	EA	8" Diameter Flanged, 1,580 GPM, 12-Bag, 304 Stainless Steel Housing, Bag Filter And Mounting Stand	15,618.50	508.19
23 21 16 00-0478	EA	10" Diameter Flanged, 2,115 GPM, 16-Bag, 304 Stainless Steel Housing, Bag Filter And Mounting Stand	22,909.65	618.67
23 21 16 00-0479	EA	10" Diameter Flanged, 2,645 GPM, 20-Bag, 304 Stainless Steel Housing, Bag Filter And Mounting Stand	26,612.12	618.67
23 21 16 00-0480	EA	4" Diameter Flanged PVC Header, Dual 2" Diameter Inlet/Outlet, 304 Stainless Steel Housing, Bag Filter And Mounting Stands On Skid	5,442.09	708.49
		Note: Includes dual 2" flanged inlet/out stainless steel housing and mounting stands, steel skid, and 4" flanged PVC pipe headers with two 2" butterfly valves on each header.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0481	EA	4" Diameter Flanged Stainless Steel Header, Dual 2" Diameter Inlet/Outlet, 304 Stainless Steel Housing, Bag Filter And Mounting Stands On Skid Note: Includes dual 2" flanged inlet/out stainless steel housing and mounting stands, steel skid, and 4" flanged 304 stainless steel pipe headers with two 2" butterfly valves on each header.	7,380.10	708.49
23 21 16 00-0482	EA	4" Diameter Flanged Carbon Steel Header, Dual 2" Diameter Inlet/Outlet, 304 Stainless Steel Housing, Bag Filter And Mounting Stands On Skid Note: Includes dual 2" flanged inlet/out stainless steel housing and mounting stands, steel skid, and 4" flanged carbon steel pipe headers with two 2" butterfly valves on each header.	6,411.10	708.49
23 21 16 00-0483	EA	4" Diameter Flanged Carbon Steel Header, Dual 4" Diameter Inlet/Outlet, 304 Stainless Steel Housing, Bag Filter And Mounting Stands On Skid Note: Includes dual 4" flanged inlet/out stainless steel housing and mounting stands, steel skid, and 4" flanged carbon steel pipe headers with two 2" butterfly valves on each header.	25,303.27	874.98
23 21 16 00-0484		Carbon Steel Housing, Bag Filter And Mounting Stands *(23 21 16 00-0472)*		
23 21 16 00-0485	EA	4" Diameter Flanged, 395 GPM, 3-Bag, Carbon Steel Housing, Bag Filter And Mounting Stand	4,967.27	355.37
23 21 16 00-0486	EA	4" Diameter Flanged, 525 GPM, 4-Bag, Carbon Steel Housing, Bag Filter And Mounting Stand	6,151.61	355.37
23 21 16 00-0487	EA	6" Diameter Flanged, 5,785 GPM, 6-Bag, Carbon Steel Housing, Bag Filter And Mounting Stand	6,958.92	397.72
23 21 16 00-0488	EA	8" Diameter Flanged, 1,580 GPM, 12-Bag, Carbon Steel Housing, Bag Filter And Mounting Stand	12,259.29	508.19
23 21 23		**Hydronic Pumps** *(23 21)*		
23 21 23 13		**In-Line Centrifugal Hydronic Pumps** *(23 21 23)*		
23 21 23 13-0001		Cast Iron Single Stage In-Line Centrifugal Pump *(23 21 23 13)* Note: For general service, 125 Lb. flanged, 3550 RPM TEFC motor. Includes packed stuffing boxes and ductile iron case.		
23 21 23 13-0002	EA	3 HP, 50 GPM At 100' Head, Single Stage Cast Iron In-Line Circulating Pump	6,922.66	333.01
		For Mechanical Seal, Add	*473.93*	
		For Cast Steel Case, Add	*1,066.35*	
23 21 23 13-0003	EA	5 HP, 75 GPM At 100' Head, Single Stage Cast Iron In-Line Circulating Pump	7,559.55	403.05
		For Mechanical Seal, Add	*508.06*	
		For Cast Steel Case, Add	*1,143.15*	
23 21 23 13-0004	EA	7-1/2 HP, 100 GPM At 150' Head, Single Stage Cast Iron In-Line Circulating Pump	8,737.98	478.84
		For Mechanical Seal, Add	*584.21*	
		For Cast Steel Case, Add	*1,314.47*	
23 21 23 13-0005	EA	10 HP, 125 GPM At 150' Head, Single Stage Cast Iron In-Line Circulating Pump	9,788.36	638.45
		For Mechanical Seal, Add	*629.96*	
		For Cast Steel Case, Add	*1,417.41*	
23 21 23 13-0006	EA	15 HP, 150 GPM At 200' Head, Single Stage Cast Iron In-Line Circulating Pump	11,220.88	695.87
		For Mechanical Seal, Add	*730.64*	
		For Cast Steel Case, Add	*1,643.95*	
23 21 23 13-0007	EA	30 HP, 200 GPM At 300' Head, Single Stage Cast Iron In-Line Circulating Pump	16,770.55	765.91
		For Mechanical Seal, Add	*1,157.92*	
		For Cast Steel Case, Add	*2,605.31*	
23 21 23 13-0008	EA	40 HP, 250 GPM At 300' Head, Single Stage Cast Iron In-Line Circulating Pump	19,707.57	956.54
		For Mechanical Seal, Add	*1,346.94*	
		For Cast Steel Case, Add	*3,030.63*	
23 21 23 13-0009	EA	50 HP, 300 GPM At 300' Head, Single Stage Cast Iron In-Line Circulating Pump	27,412.55	1,093.18
		For Mechanical Seal, Add	*1,930.54*	
		For Cast Steel Case, Add	*4,343.70*	
23 21 23 13-0010	EA	75 HP, 400 GPM At 400' Head, Single Stage Cast Iron In-Line Circulating Pump	34,863.58	1,145.64
		For Mechanical Seal, Add	*2,514.12*	
		For Cast Steel Case, Add	*5,656.78*	
23 21 23 13-0011	EA	100 HP, 600 GPM At 400' Head, Single Stage Cast Iron In-Line Circulating Pump	38,070.97	1,472.65
		For Mechanical Seal, Add	*2,692.15*	
		For Cast Steel Case, Add	*6,057.35*	
23 21 23 13-0012		Cast Iron, Single Stage, Vertical In-Line, Close Coupled, Pump *(23 21 23 13)* Note: For general service, 125 Lb. flanged, 1,800 RPM TEFC motor.		
23 21 23 13-0013	EA	1/2 HP, 1-1/2" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	2,319.88	191.20
23 21 23 13-0014	EA	3/4 HP, 2" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	4,092.18	218.53
23 21 23 13-0015	EA	1 HP, 3" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	4,448.06	244.71
23 21 23 13-0016	EA	1-1/2 HP, 3" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	4,678.28	266.06
23 21 23 13-0017	EA	2 HP, 4" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	6,112.08	291.33
23 21 23 13-0018	EA	3 HP, 5" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	6,287.30	321.98
23 21 23 13-0019	EA	5 HP, 6" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	7,189.08	382.38
23 21 23 13-0020	EA	7-1/2 HP, 6" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	8,368.54	470.69
23 21 23 13-0021	EA	10 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	10,758.46	509.84
23 21 23 13-0022	EA	15 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	12,566.62	539.81
23 21 23 13-0023	EA	20 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	16,131.65	573.58
23 21 23 13-0024	EA	25 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	17,020.37	592.75
23 21 23 13-0025	EA	30 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	17,909.08	611.82
23 21 23 13-0026	EA	40 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	21,254.70	655.57
23 21 23 13-0027	EA	50 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	23,049.98	773.54
23 21 23 13-0028	EA	60 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	25,523.25	1,117.29
23 21 23 13-0029	EA	75 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	30,319.30	2,234.57
23 21 23 13-0030	EA	100 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	34,875.79	2,681.49
23 21 23 16		**Base-Mounted, Centrifugal Hydronic Pumps** *(23 21 23)* See CSI section 26 29 23 00-0000 for variable frequency motor controllers.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 23 16-0001		**Single Stage, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump** *(23 21 23 16)* Note: 1800 RPM, welded steel baseplate, internally flushed mechanical seal, bronze wear ring, galvanized drip pan, and 3 phase 230/460V premium efficiency motor. Bell & Gossett 1510 Series.		
23 21 23 16-0002	EA	5 HP, 50 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 1-1/4 BC, BF, 184T)	6,694.30	364.01
23 21 23 16-0003	EA	7.5 HP, 100 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 1-1/2 BC, BF, 213T)	7,509.92	364.47
23 21 23 16-0004	EA	10 HP, 225 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 2 E, BF, 215T)	9,901.98	478.84
23 21 23 16-0005	EA	15 HP, 250 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 2 E, BF, 254T)	10,848.40	589.08
23 21 23 16-0006	EA	15 HP, 300 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 3 G, BF, 254T)	12,145.80	589.08
23 21 23 16-0007	EA	20 HP, 350 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 3 E, BF, 256T)	11,811.96	638.45
23 21 23 16-0008	EA	20 HP, 500 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 4 E, BF, 256T)	12,549.58	638.45
23 21 23 16-0009	EA	25 HP, 600 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 4 E, BF, 284T)	13,711.29	669.46
23 21 23 16-0010	EA	30 HP, 750 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 5 E, BF, 286T)	15,260.44	850.90
23 21 23 16-0011	EA	40 HP, 1,050 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 5 E, BF, 324T)	16,147.95	956.54
23 21 23 16-0012	EA	60 HP, 1,500 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 6 E, BF, 364T)	25,021.82	2,349.06
23 21 23 16-0013	EA	75 HP, 2,000 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 8 G, BF, 365T)	36,205.29	2,818.38
23 21 23 16-0014	EA	100 HP, 3,000 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 8 G, BF, 404TS)	41,099.84	3,522.97
23 21 23 16-0015		**Single Stage, Vertical Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump** *(23 21 23 16)* Note: 125 Lb. flanged, 1750 RPM drip-proof motor, common base plate 100' head. Standard seal and motor. For general service.		
23 21 23 16-0016	EA	1-1/2 HP, 40 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	6,876.47	267.55
		For 300 Lb. Flanges, Add	*1,598.50*	
23 21 23 16-0017	EA	2 HP, 50 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	8,768.27	287.08
		For 300 Lb. Flanges, Add	*2,084.41*	
23 21 23 16-0018	EA	3 HP, 90 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	10,991.95	306.60
		For 300 Lb. Flanges, Add	*2,620.40*	
23 21 23 16-0019	EA	5 HP, 100 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	12,818.52	364.01
		For 300 Lb. Flanges, Add	*3,040.59*	
23 21 23 16-0020	EA	7-1/2 HP, 150 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	13,472.06	364.47
		For 300 Lb. Flanges, Add	*3,195.77*	
23 21 23 16-0021	EA	10 HP, 200 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	14,073.99	478.84
		For 300 Lb. Flanges, Add	*3,303.19*	
23 21 23 16-0022	EA	10 HP, 225 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	14,388.92	478.84
		For 300 Lb. Flanges, Add	*3,381.92*	
23 21 23 16-0023	EA	10 HP, 250 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	15,086.51	478.84
		For 300 Lb. Flanges, Add	*3,556.32*	
23 21 23 16-0024	EA	15 HP, 300 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	17,510.67	589.08
		For 300 Lb. Flanges, Add	*4,112.67*	
23 21 23 16-0025	EA	17-1/2 HP, 350 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	17,780.97	588.62
		For 300 Lb. Flanges, Add	*4,169.56*	
23 21 23 16-0026	EA	20 HP, 500 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	18,743.69	638.45
		For 300 Lb. Flanges, Add	*4,398.85*	
23 21 23 16-0027	EA	25 HP, 600 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	20,568.76	669.46
		For 300 Lb. Flanges, Add	*4,832.17*	
23 21 23 16-0028	EA	30 HP, 750 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	22,725.88	850.90
		For 300 Lb. Flanges, Add	*5,298.70*	
23 21 23 16-0029	EA	40 HP, 1,050 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	25,781.07	956.54
		For 300 Lb. Flanges, Add	*6,014.65*	
23 21 23 16-0030	EA	60 HP, 1,500 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	40,289.26	2,349.06
		For 300 Lb. Flanges, Add	*8,939.93*	
23 21 23 16-0031	EA	75 HP, 2,000 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	47,917.57	2,818.38
		For 300 Lb. Flanges, Add	*10,620.53*	
23 21 23 16-0032	EA	100 HP, 3,000 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	58,438.73	3,522.97
		For 300 Lb. Flanges, Add	*12,911.11*	
23 21 23 16-0033		**Single Stage, Horizontal Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump** *(23 21 23 16)* Note: 125 Lb. flanged, 1750 RPM drip-proof motor, common base plate 100' head. Standard seal and motor. For general service.		
23 21 23 16-0034	EA	1-1/2 HP, 40 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	6,593.53	267.55
		For 300 Lb. Flanges, Add	*1,527.76*	
23 21 23 16-0035	EA	2 HP, 50 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	6,768.48	287.08
		For 300 Lb. Flanges, Add	*1,562.92*	
23 21 23 16-0036	EA	3 HP, 90 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	6,943.58	306.60
		For 300 Lb. Flanges, Add	*1,598.10*	
23 21 23 16-0037	EA	5 HP, 100 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	7,542.64	313.49
		For 300 Lb. Flanges, Add	*1,744.47*	
23 21 23 16-0038	EA	7-1/2 HP, 100 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	12,306.71	364.01
		For 300 Lb. Flanges, Add	*2,912.63*	
23 21 23 16-0039	EA	10 HP, 250 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	14,908.85	478.84
		For 300 Lb. Flanges, Add	*3,541.04*	
23 21 23 16-0040	EA	15 HP, 350 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	16,764.24	516.73
		For 300 Lb. Flanges, Add	*3,975.75*	
23 21 23 16-0041	EA	20 HP, 500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	17,727.76	574.15
		For 300 Lb. Flanges, Add	*4,166.95*	
23 21 23 16-0042	EA	25 HP, 750 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	19,743.76	573.37
		For 300 Lb. Flanges, Add	*4,678.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 23 16-0043	EA	40 HP, 1,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	22,119.11	736.87
		For 300 Lb. Flanges, Add	*5,198.35*	
23 21 23 16-0044	EA	50 HP, 1,500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	28,173.20	939.88
		For 300 Lb. Flanges, Add	*6,590.35*	
23 21 23 16-0045	EA	75 HP, 2,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	35,958.77	1,173.91
		For 300 Lb. Flanges, Add	*8,423.50*	
23 21 23 16-0046	EA	3,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 100 HP	45,222.69	1,409.19
		For 300 Lb. Flanges, Add	*10,626.24*	
23 21 23 16-0047	EA	150 HP, 3,500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	53,596.83	1,565.21
		For 300 Lb. Flanges, Add	*12,644.28*	
23 21 23 16-0048	EA	200 HP, 4,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	61,680.50	2,013.13
		For 300 Lb. Flanges, Add	*14,449.51*	

23 21 23 16-0049 Two Stage, Horizontal Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump *(23 21 23 16)*

Note: 3500 RPM drip-proof motor, common base plate 500' head. Packed stuffing box and boiler feed water service.

23 21 23 16-0050	EA	40 HP, 100 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case	41,893.21	589.08
		For 300 Lb. Flanges, Add	*10,208.31*	
23 21 23 16-0051	EA	50 HP, 200 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case	45,225.08	638.45
		For 300 Lb. Flanges, Add	*11,019.19*	
23 21 23 16-0052	EA	75 HP, 300 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case	60,399.25	868.42
		For 300 Lb. Flanges, Add	*14,702.17*	
23 21 23 16-0053	EA	100 HP, 400 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case	70,522.69	1,193.27
		For 300 Lb. Flanges, Add	*17,083.92*	
23 21 23 16-0054	EA	200 HP, 800 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case	97,851.83	1,591.03
		For 300 Lb. Flanges, Add	*23,733.95*	

23 21 23 16-0055 Cast Iron Close Coupling Pumps *(23 21 23 16)*

23 21 23 16-0056 Foot Mounted Cast Iron Close Coupled Pumps *(23 21 23 16-0055)*

23 21 23 16-0057	EA	3 HP, 90 GPM At 50' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 1-1/2 AC, BF, 182JM)	5,992.74	344.49
23 21 23 16-0058	EA	3 HP, 150 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 2-1/2 AB, BF, 182JM)	6,523.36	344.49
23 21 23 16-0059	EA	5 HP, 225 GPM At 50' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 2-1/2 BB, BF, 184JM)	7,254.26	363.64
23 21 23 16-0060	EA	5 HP, 350 GPM At 25' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 4 AC, BF, 184JM)	7,723.65	363.64
23 21 23 16-0061	EA	7.5 HP, 350 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 4 AC, BF, 213JM)	8,877.29	382.38
23 21 23 16-0062	EA	10 HP, 600 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 5 A, BF, 215JM)	10,521.04	460.33
23 21 23 16-0063	EA	15 HP, 1,000 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 254JP)	13,812.32	567.08
23 21 23 16-0064	EA	20 HP, 1,350 GPM At 30' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 256JP)	14,786.13	613.76
23 21 23 16-0065	EA	25 HP, 1,550 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 284JP)	17,125.86	662.86

23 21 23 16-0066 Pumps, Polypropylene Body, Housing And Impeller, 115/230 Volt *(23 21 23 16)*

23 21 23 16-0067	EA	1/3 HP, Centrifugal Pump, Polypropylene Body	1,510.39	177.94
23 21 23 16-0068	EA	1/2 HP, Centrifugal Pump, Polypropylene Body	1,611.23	188.66
23 21 23 16-0069	EA	3/4 HP, Centrifugal Pump, Polypropylene Body	1,878.12	200.87

23 21 23 16-0070 Multi Stage, Stainless Steel, Vertical Centrifugal Pump *(23 21 23 16)*

Note: Suction And Discharge Ports On The Same Level

23 21 23 16-0071	EA	7.5 HP, 90.3 GPM @ 206' Head, Multi Stage, Stainless Steel, Vertical Centrifugal Pump (Grundfos CRN15-4)	9,646.16	490.32
23 21 23 16-0072	EA	15 HP, 159 GPM @ 250' Head, Multi Stage, Stainless Steel, Vertical Centrifugal Pump (Grundfos CRN32-4)	13,212.15	606.31
23 21 23 16-0073	EA	25 HP, 239 GPM @ 212' Head, Multi Stage, Stainless Steel, Vertical Centrifugal Pump (Grundfos CRN64-2)	16,187.79	764.77

23 21 23 23 Vertical-Turbine Hydronic Pumps *(23 21 23)*

See CSI section 26 29 23 00-0000 for variable frequency motor controllers.

23 21 23 23-0001 Cast Iron, Bronze Fitted Vertical Turbine Wet Sump Pumps *(23 21 23 23)*

Note: For water supply, cooling towers and process liquids. Multi-stage 1750 RPM drip-proof motor. For 1' to 5' sump depth.

23 21 23 23-0002	EA	2 HP, 50 GPM Cast Iron Turbine Pump, 3" Discharge 100' Head, 10 Stage	13,389.27	850.90
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*484.54*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*350.64*	
		For Each Extra Column Assembly <60", Add	*1,122.18*	
23 21 23 23-0003	EA	3 HP, 100 GPM Cast Iron Turbine Pump, 4" Discharge 100' Head, 7 Stage	15,461.23	956.54
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*567.00*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*412.39*	
		For Each Extra Column Assembly <60", Add	*1,288.35*	
23 21 23 23-0004	EA	15 HP, 250 GPM Cast Iron Turbine Pump, 6" Discharge 150' Head, 5 Stage	18,697.50	939.88
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*680.50*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*493.52*	
		For Each Extra Column Assembly <60", Add	*1,563.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 23 23-0005	EA	25 HP, 500 GPM Cast Iron Turbine Pump, 6" Discharge 150' Head, 3 Stage	22,062.82	1,084.58
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*812.83*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*592.20*	
		For Each Extra Column Assembly <60", Add	*1,834.71*	
23 21 23 23-0006	EA	50 HP, 1,000 GPM Cast Iron Turbine Pump, 8" Discharge 150' Head, 2 Stage	27,191.35	1,173.91
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*1,012.16*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*740.25*	
		For Each Extra Column Assembly <60", Add	*2,250.80*	
23 21 23 23-0007	EA	100 HP, 2,000 GPM Cast Iron Turbine Pump, 10" Discharge 150' Head, 3 Stage	35,769.04	1,409.19
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*1,340.17*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*982.48*	
		For Each Extra Column Assembly <60", Add	*2,952.11*	

23 21 29 Automatic Condensate Pump Units *(23 21)*

23 21 29 00-0001 Automatic Shallow Pan Condensate Pump *(23 21 29)*

23 21 29 00-0002	EA	1/150 HP, 205 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 1-ABS)	239.95	37.32
23 21 29 00-0003	EA	1/40 HP, 300 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 2-ABS)	260.64	37.32
23 21 29 00-0004	EA	1/12 HP, 310 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 3-ABS)	408.19	43.06

23 21 29 00-0005 Automatic Condensate Pump With Tank *(23 21 29)*

23 21 29 00-0006	EA	1/20 HP Automatic Condensate Pump With Tank (Hartell KT-15-1UL)	130.63	28.71
23 21 29 00-0007	EA	1/30 HP Automatic Condensate Pump With Tank (Little Giant VCMX-20)	139.46	28.71
23 21 29 00-0008	EA	1/50 HP, 200 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-14ULS)	233.18	37.32
23 21 29 00-0009	EA	1/18 HP, 270 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-24ULS)	251.43	43.06
23 21 29 00-0010	EA	1/5 HP, 450 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-45ULS) Condensate Pump	467.79	48.81

23 22 Steam and Condensate Piping and Pumps *(23 20)*

23 22 16 Steam and Condensate Heating Piping Specialties *(23 22)*

23 22 16 00-0001 High Temperature Safety Relief Valve *(23 22 16)*

Note: Used in steam or water boiler, heating systems and unfired pressure vessel applications.

23 22 16 00-0002 Cast Iron Body Safety Valve, Steam Or Water *(23 22 16 00-0001)*

Note: Variable set points to 500 PSIG pressure, 400 Degree F temperature range.

23 22 16 00-0003 Threaded *(23 22 16 00-0002)*

23 22 16 00-0004	EA	3/4" x 1" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	526.62	18.70
23 22 16 00-0005	EA	1" x 1-1/4" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	551.35	22.12
23 22 16 00-0006	EA	1-1/4" x 1-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	608.51	28.05
23 22 16 00-0007	EA	1-1/2" x 2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	750.25	31.16
23 22 16 00-0008	EA	2" x 2-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	960.39	38.32
23 22 16 00-0009	EA	2-1/2" x 2-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	1,488.83	43.63
23 22 16 00-0010	EA	3" x 3" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	1,613.66	50.17

23 22 16 00-0011 Flanged *(23 22 16 00-0002)*

23 22 16 00-0012	EA	1-1/2" x 2-1/2" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	3,701.62	130.87
23 22 16 00-0013	EA	2" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	4,310.36	196.73
23 22 16 00-0014	EA	2-1/2" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	4,761.36	181.15
23 22 16 00-0015	EA	2-1/2" x 4" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	5,783.98	261.64
23 22 16 00-0016	EA	3" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	6,171.58	195.12
23 22 16 00-0017	EA	3" x 4" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	7,251.72	261.64
23 22 16 00-0018	EA	4" x 6" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	12,134.28	371.28
23 22 16 00-0019	EA	6" x 8" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	24,130.07	414.66

23 22 16 00-0020 Bronze Body Safety Valve, Threaded, Steam *(23 22 16 00-0001)*

Note: Variable set points to 250 PSIG pressure, 400 Degree F temperature range. Valve also can be set for Air or Gas with variable set points to 300 PSIG pressure.

23 22 16 00-0021	EA	3/4" x 3/4" Threaded Bronze Body Safety Relief Valve, Steam	572.84	17.14
23 22 16 00-0022	EA	3/4" x 1" Threaded Bronze Body Safety Relief Valve, Steam	586.83	18.70
23 22 16 00-0023	EA	1" x 1" Threaded Bronze Body Safety Relief Valve, Steam	686.80	20.57
23 22 16 00-0024	EA	1" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Steam	758.38	22.12
23 22 16 00-0025	EA	1-1/4" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Steam	877.44	24.93
23 22 16 00-0026	EA	1-1/4" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Steam	881.96	28.05
23 22 16 00-0027	EA	1-1/2" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Steam	991.91	29.60
23 22 16 00-0028	EA	1-1/2" x 2" Threaded Bronze Body Safety Relief Valve, Steam	1,080.92	31.16
23 22 16 00-0029	EA	2" x 2" Threaded Bronze Body Safety Relief Valve, Steam	1,500.53	34.90
23 22 16 00-0030	EA	2" x 2-1/2" Threaded Bronze Body Safety Relief Valve, Steam	1,639.92	38.32
23 22 16 00-0031	EA	2-1/2" x 2-1/2" Threaded Bronze Body Safety Relief Valve, Steam	1,956.66	43.63

23 22 16 00-0032 Bronze Body Safety Valve, Threaded, Water *(23 22 16 00-0001)*

Note: Variable set points to 160 psig pressure, 250 Degree F temperature range.

23 22 16 00-0033	EA	3/4" x 3/4" Threaded Bronze Body Safety Relief Valve, Water	269.81	17.14
23 22 16 00-0034	EA	3/4" x 1" Threaded Bronze Body Safety Relief Valve, Water	307.45	18.70
23 22 16 00-0035	EA	1" x 1" Threaded Bronze Body Safety Relief Valve, Water	425.78	20.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0036	EA	1" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Water	468.78	22.12
23 22 16 00-0037	EA	1-1/4" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Water	677.95	24.93
23 22 16 00-0038	EA	1-1/2" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Water	914.45	29.60
23 22 16 00-0039	EA	2" x 2" Threaded Bronze Body Safety Relief Valve, Water	1,333.70	34.90
23 22 16 00-0040		Steam Temperature Regulator, Iron Body *(23 22 16)*		
23 22 16 00-0041		Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body *(23 22 16 00-0040)*		
		Note: Up to 150 PSI.		
23 22 16 00-0042	EA	1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,411.56	17.94
23 22 16 00-0043	EA	3/4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,485.39	24.18
23 22 16 00-0044	EA	1" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,971.19	29.79
23 22 16 00-0045	EA	1-1/4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,176.71	37.64
23 22 16 00-0046	EA	1-1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,233.66	43.25
23 22 16 00-0047	EA	2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,639.26	47.06
23 22 16 00-0048	EA	2-1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,360.63	86.20
23 22 16 00-0049	EA	3" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	5,502.21	94.00
23 22 16 00-0050	EA	4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	8,013.84	220.02
23 22 16 00-0051	EA	6" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	13,395.34	258.24
23 22 16 00-0052		Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body *(23 22 16 00-0040)*		
23 22 16 00-0053	EA	1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,092.34	17.94
23 22 16 00-0054	EA	3/4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,167.21	24.18
23 22 16 00-0055	EA	1" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,263.96	29.79
23 22 16 00-0056	EA	1-1/4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,710.13	37.64
23 22 16 00-0057	EA	1-1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,903.46	43.25
23 22 16 00-0058	EA	2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,297.00	47.06
23 22 16 00-0059	EA	2-1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	5,053.17	86.20
23 22 16 00-0060	EA	3" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	7,638.28	94.00
23 22 16 00-0061	EA	4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	10,517.99	220.02
23 22 16 00-0062	EA	6" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	17,049.13	258.24
23 22 16 00-0063		Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body *(23 22 16 00-0040)*		
23 22 16 00-0064	EA	1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,851.39	17.94
23 22 16 00-0065	EA	3/4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,893.14	24.18
23 22 16 00-0066	EA	1" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,166.38	29.79
23 22 16 00-0067	EA	1-1/4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,448.12	37.64
23 22 16 00-0068	EA	1-1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,573.26	43.25
23 22 16 00-0069	EA	2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,030.99	47.06
23 22 16 00-0070	EA	2-1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	7,459.61	86.20
23 22 16 00-0071	EA	3" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	10,839.58	94.00
23 22 16 00-0072	EA	4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	13,652.40	220.02
23 22 16 00-0073	EA	6" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	19,179.58	258.24
23 22 16 00-0074		Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body *(23 22 16 00-0040)*		
23 22 16 00-0075	EA	1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,653.53	17.94
23 22 16 00-0076	EA	3/4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,691.29	24.18
23 22 16 00-0077	EA	1" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,008.63	29.79
23 22 16 00-0078	EA	1-1/4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,178.04	37.64
23 22 16 00-0079	EA	1-1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,339.30	43.25
23 22 16 00-0080	EA	2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,724.84	47.06
23 22 16 00-0081	EA	2-1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	7,860.68	86.20
23 22 16 00-0082	EA	3" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	11,397.30	94.00
23 22 16 00-0083	EA	4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	14,210.12	220.02
23 22 16 00-0084	EA	6" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	19,737.31	258.24
23 22 16 00-0085		Steam Traps *(23 22 16)*		
23 22 16 00-0086		Inverted Bucket Steam Traps *(23 22 16 00-0085)*		
23 22 16 00-0087	EA	1/2" 250 PSI Inverted Bucket Cast Iron Steam Trap	346.06	37.41
		For Work In Restricted Working Space, Add	*22.44*	
23 22 16 00-0088	EA	3/4" 250 PSI Inverted Bucket Cast Iron Steam Trap	349.18	38.96
		For Work In Restricted Working Space, Add	*23.38*	
23 22 16 00-0089	EA	1" 250 PSI Inverted Bucket Cast Iron Steam Trap	519.77	41.52
		For Work In Restricted Working Space, Add	*24.94*	
23 22 16 00-0090	EA	1-1/4" 250 PSI Inverted Bucket Cast Iron Steam Trap	841.08	56.67
		For Work In Restricted Working Space, Add	*34.01*	
23 22 16 00-0091	EA	1-1/2" 250 PSI Inverted Bucket Cast Iron Steam Trap	1,252.64	69.83
		For Work In Restricted Working Space, Add	*41.56*	
23 22 16 00-0092	EA	2" 250 PSI Inverted Bucket Cast Iron Steam Trap	1,597.96	103.91
		For Work In Restricted Working Space, Add	*62.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0093		**Float And Thermostatic Steam Traps** *(23 22 16 00-0085)*		
23 22 16 00-0094	EA	3/4" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	365.82	38.96
		For Work In Restricted Working Space, Add	*23.38*	
23 22 16 00-0095	EA	1" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	482.27	41.56
		For Work In Restricted Working Space, Add	*24.94*	
23 22 16 00-0096	EA	1-1/4" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	596.30	56.68
		For Work In Restricted Working Space, Add	*34.01*	
23 22 16 00-0097	EA	1-1/2" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	873.55	69.27
		For Work In Restricted Working Space, Add	*41.56*	
23 22 16 00-0098	EA	2" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,475.83	103.87
		For Work In Restricted Working Space, Add	*62.35*	
23 22 16 00-0099	EA	3/4" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	466.05	38.96
		For Work In Restricted Working Space, Add	*23.38*	
23 22 16 00-0100	EA	1" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	506.53	41.52
		For Work In Restricted Working Space, Add	*24.94*	
23 22 16 00-0101	EA	1-1/4" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	662.44	56.67
		For Work In Restricted Working Space, Add	*34.01*	
23 22 16 00-0102	EA	1-1/2" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,033.63	69.21
		For Work In Restricted Working Space, Add	*41.56*	
23 22 16 00-0103	EA	2" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,623.58	103.91
		For Work In Restricted Working Space, Add	*62.35*	
23 22 16 00-0104	EA	3/4" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	604.98	38.96
		For Work In Restricted Working Space, Add	*23.38*	
23 22 16 00-0105	EA	1" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	674.13	41.56
		For Work In Restricted Working Space, Add	*24.94*	
23 22 16 00-0106	EA	1-1/4" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,026.32	56.67
		For Work In Restricted Working Space, Add	*34.01*	
23 22 16 00-0107	EA	1-1/2" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,234.11	69.21
		For Work In Restricted Working Space, Add	*41.56*	
23 22 16 00-0108	EA	2" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	2,040.36	103.91
		For Work In Restricted Working Space, Add	*62.35*	
23 22 16 00-0109	EA	3/4" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap	613.80	38.96
		For Work In Restricted Working Space, Add	*23.38*	
23 22 16 00-0110	EA	1" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap	674.13	41.56
		For Work In Restricted Working Space, Add	*24.94*	
23 22 16 00-0111	EA	1-1/4" 150 PSI Max Pressure Float And Thermostatic Steam Trap	1,026.32	56.67
		For Work In Restricted Working Space, Add	*34.01*	
23 22 16 00-0112	EA	1-1/2" 150 PSI Max Pressure Float And Thermostatic Steam Trap	1,234.11	69.21
		For Work In Restricted Working Space, Add	*41.56*	
23 22 16 00-0113	EA	2" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap	2,040.36	103.91
		For Work In Restricted Working Space, Add	*62.35*	
23 22 16 00-0114		**Thermostatic Steam Traps** *(23 22 16 00-0085)*		
23 22 16 00-0115	EA	1/2" 25 PSI Maximum Pressure Thermostatic Steam Trap	177.12	37.41
		For Work In Restricted Working Space, Add	*22.44*	
23 22 16 00-0116	EA	3/4" 25 PSI Maximum Pressure Thermostatic Steam Trap	296.23	38.96
		For Work In Restricted Working Space, Add	*23.38*	
23 22 16 00-0117	EA	1" 25 PSI Maximum Pressure Thermostatic Steam Trap	365.90	41.52
		For Work In Restricted Working Space, Add	*24.94*	
23 22 16 00-0118		**Thermodynamic Steam Traps** *(23 22 16 00-0085)*		
23 22 16 00-0119	EA	3/8" 600 PSI Maximum Pressure Thermodynamic Steam Trap	391.45	33.67
23 22 16 00-0120	EA	1/2" 600 PSI Maximum Pressure Thermodynamic Steam Trap	555.56	37.41
23 22 16 00-0121	EA	3/4" 600 PSI Maximum Pressure Thermodynamic Steam Trap	688.77	38.96
23 22 16 00-0122	EA	1" 600 PSI Maximum Pressure Thermodynamic Steam Trap	923.31	41.52
23 22 16 00-0123		**Steam Moisture Separator** *(23 22 16 00-0085)*		
23 22 16 00-0124	EA	1/2" Steam Moisture Separator, Threaded (Spirax Sarco S1)	896.62	62.35
23 22 16 00-0125	EA	3/4" Steam Moisture Separator, Threaded (Spirax Sarco S1)	945.92	84.17
23 22 16 00-0126	EA	1" Steam Moisture Separator, Threaded (Spirax Sarco S1)	1,140.68	94.77
23 22 16 00-0127	EA	1-1/2" Steam Moisture Separator, Threaded (Spirax Sarco S2)	1,814.88	108.48
23 22 16 00-0128	EA	2" Steam Moisture Separator, Flanged (Spirax Sarco S3)	2,214.30	166.21
23 22 16 00-0129	EA	2-1/2" Steam Moisture Separator, Flanged (Spirax Sarco S3)	3,347.62	180.80
23 22 16 00-0130	EA	3" Steam Moisture Separator, Flanged (Spirax Sarco S3)	3,817.12	211.98
23 22 16 00-0131	EA	4" Steam Moisture Separator, Flanged (Spirax Sarco S3)	5,279.29	355.37
23 22 16 00-0132	EA	6" Steam Moisture Separator, Flanged (Spirax Sarco S3)	10,367.20	448.89
23 22 16 00-0133		**Steam/Condensate Meter** *(23 22 16)*		
		Note: Meter shall be of the rotary volumetric type and sized on the maximum estimated steam demand.		
23 22 16 00-0134	EA	1" Steam/Condensate Meter	12,874.63	103.29
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0135	EA	2" Steam/Condensate Meter	14,518.97	121.38
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
23 22 16 00-0136	EA	2-1/2" Steam/Condensate Meter	15,368.13	150.63
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
23 22 16 00-0137	EA	3" Steam/Condensate Meter	16,241.38	197.99
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
23 22 16 00-0138	EA	4" Steam/Condensate Meter	18,187.39	307.59
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
23 22 16 00-0139	EA	6" Steam/Condensate Meter	31,348.37	389.08
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
23 22 16 00-0140	EA	8" Steam/Condensate Meter	32,340.08	491.22
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	

23 22 23 Steam Condensate Pumps *(23 22)*

23 22 23 13 Electric-Driven Steam Condensate Pumps *(23 22 23)*

23 22 23 13-0001 Simplex Condensate Pumps And Motors *(23 22 23 13)*

Note: Cast iron receiver, float switch.

23 22 23 13-0002 20 PSI Discharge Pressure *(23 22 23 13-0001)*

23 22 23 13-0003	EA	3 To 6 GPM Simplex Condensate Pump And 1/3 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,105.98	584.49
23 22 23 13-0004	EA	9 To 12 GPM Simplex Condensate Pump And 1/3 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,678.12	600.57
23 22 23 13-0005	EA	15 GPM Simplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,803.17	640.75
23 22 23 13-0006	EA	22.5 GPM Simplex Condensate Pump And 1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,076.41	647.64
23 22 23 13-0007	EA	30 GPM Simplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,434.07	705.06
23 22 23 13-0008	EA	37.5 GPM Simplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	4,988.06	705.06
23 22 23 13-0009	EA	45 GPM Simplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	5,077.52	753.28
23 22 23 13-0010	EA	60 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	6,169.69	787.73
23 22 23 13-0011	EA	75 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	6,237.42	822.19

23 22 23 13-0012 30 PSI Discharge Pressure *(23 22 23 13-0001)*

23 22 23 13-0013	EA	3 To 6 GPM Simplex Condensate Pump And 1/2 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	2,408.76	624.67
23 22 23 13-0014	EA	9 To 12 GPM Simplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	3,106.81	640.75
23 22 23 13-0015	EA	15 GPM Simplex Condensate Pump And 3/4 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	3,229.21	683.24
23 22 23 13-0016	EA	22.5 GPM Simplex Condensate Pump And 1 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	3,725.21	738.36
23 22 23 13-0017	EA	30 To 37.5 GPM Simplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,077.52	754.43
23 22 23 13-0018	EA	45 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,218.91	780.84
23 22 23 13-0019	EA	60 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,380.81	822.19
23 22 23 13-0020	EA	75 GPM Simplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	6,227.70	875.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 23 13-0021		**40 PSI Discharge Pressure** *(23 22 23 13-0001)*		
23 22 23 13-0022	EA	3 To 6 GPM Simplex Condensate Pump And 1 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	2,688.51	716.54
23 22 23 13-0023	EA	9 To 15 GPM Simplex Condensate Pump And 1 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	3,368.03	773.95
23 22 23 13-0024	EA	22.5 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	3,928.31	764.77
23 22 23 13-0025	EA	30 To 37.5 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	5,194.23	780.84
23 22 23 13-0026	EA	45 GPM Simplex Condensate Pump And 2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	5,307.62	814.15
23 22 23 13-0027	EA	60 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	6,237.42	822.19
23 22 23 13-0028	EA	75 GPM Simplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	6,332.61	875.01
23 22 23 13-0029		**50 PSI Discharge Pressure** *(23 22 23 13-0001)*		
23 22 23 13-0030	EA	3 To 6 GPM Simplex Condensate Pump And 2 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	4,960.14	776.25
23 22 23 13-0031	EA	9 To 15 GPM Simplex Condensate Pump And 2 HP Motor With 13.6 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	3,635.16	792.33
23 22 23 13-0032	EA	22.5 GPM Simplex Condensate Pump And 2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	4,156.50	798.07
23 22 23 13-0033	EA	30 To 45 GPM Simplex Condensate Pump And 3 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	5,401.57	868.12
23 22 23 13-0034	EA	60 To 75 GPM Simplex Condensate Pump And 5 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	8,441.33	935.87
23 22 23 13-0035		**Duplex Condensate Pumps And Motors** *(23 22 23 13)*		
		Note: Cast iron receiver, float switch, alternator assembly.		
23 22 23 13-0036		**20 PSI Discharge Pressure** *(23 22 23 13-0035)*		
23 22 23 13-0037	EA	9 To 12 GPM Duplex Condensate Pump And 1/3 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,441.09	784.29
23 22 23 13-0038	EA	15 GPM Duplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,652.12	861.23
23 22 23 13-0039	EA	22.5 GPM Duplex Condensate Pump And 1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,977.19	868.12
23 22 23 13-0040	EA	30 GPM Duplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	4,439.83	946.20
23 22 23 13-0041	EA	37.5 GPM Duplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	6,117.25	946.20
23 22 23 13-0042	EA	45 GPM Duplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	6,244.67	1,019.69
23 22 23 13-0043	EA	60 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	7,370.14	1,064.48
23 22 23 13-0044	EA	75 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	7,557.90	1,117.30
23 22 23 13-0045		**30 PSI Discharge Pressure** *(23 22 23 13-0035)*		
23 22 23 13-0046	EA	9 To 12 GPM Duplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,426.59	845.15
23 22 23 13-0047	EA	15 GPM Duplex Condensate Pump And 3/4 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,642.29	923.23
23 22 23 13-0048	EA	22.5 GPM Duplex Condensate Pump And 1 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,134.30	900.27
23 22 23 13-0049	EA	30 To 37.5 GPM Duplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	6,244.67	1,019.69
23 22 23 13-0050	EA	45 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	6,424.30	1,057.58
23 22 23 13-0051	EA	60 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	7,311.04	1,117.30
23 22 23 13-0052	EA	75 GPM Duplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	7,678.47	1,197.68
23 22 23 13-0053		**40 PSI Discharge Pressure** *(23 22 23 13-0035)*		
23 22 23 13-0054	EA	9 To 15 GPM Duplex Condensate Pump And 1 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	4,819.08	996.73
23 22 23 13-0055	EA	22.5 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	5,311.43	1,041.51
23 22 23 13-0056	EA	30 To 37.5 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	6,439.11	1,057.58
23 22 23 13-0057	EA	45 GPM Duplex Condensate Pump And 2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	6,628.11	1,110.41
23 22 23 13-0058	EA	60 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	7,559.13	1,117.30
23 22 23 13-0059	EA	75 GPM Duplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	7,708.09	1,197.68

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 23 13-0060		50 PSI Discharge Pressure *(23 22 23 13-0035)*		
23 22 23 13-0061	EA	9 To 15 GPM Duplex Condensate Pump And 2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	5,023.98	996.73
23 22 23 13-0062	EA	22.5 GPM Duplex Condensate Pump And 2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	5,426.38	1,095.48
23 22 23 13-0063	EA	30 To 45 GPM Duplex Condensate Pump And 3 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	6,778.29	1,189.64
23 22 23 13-0064	EA	60 To 75 GPM Duplex Condensate Pump And 5 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	11,636.43	1,288.39

23 23 Refrigerant Piping *(23 20)*

23 23 13 Refrigerant Piping Valves *(23 23)*

23 23 13 00-0001 Ball Valves *(23 23 13)*

23 23 13 00-0002 Refrigeration Ball Valves, Sweat, 1400 Series *(23 23 13 00-0001)*

23 23 13 00-0003	EA	3/8" Refrigeration Ball Valve, Sweated	50.59	12.47
23 23 13 00-0004	EA	1/2" Refrigeration Ball Valve, Sweated	52.60	12.47
23 23 13 00-0005	EA	5/8" Refrigeration Ball Valve, Sweated	70.71	12.47
23 23 13 00-0006	EA	7/8" Refrigeration Ball Valve, Sweated	94.67	13.71
23 23 13 00-0007	EA	1-1/8" Refrigeration Ball Valve, Sweated	132.73	15.58
23 23 13 00-0008	EA	1-5/8" Refrigeration Ball Valve, Sweated	216.29	19.19

23 23 13 00-0009 Shut-Off Valves *(23 23 13)*

23 23 13 00-0010 Packless *(23 23 13 00-0009)*

23 23 13 00-0011	EA	1/2" Refrigeration Valve, Packless	67.69	12.97
23 23 13 00-0012	EA	5/8" Refrigeration Valve, Packless	84.68	14.22
23 23 13 00-0013	EA	7/8" Refrigeration Valve, Packless	173.81	19.45

23 23 13 00-0014 Packed *(23 23 13 00-0009)*

23 23 13 00-0015	EA	1-1/8" Refrigeration Valve, Packed	308.94	28.30
23 23 13 00-0016	EA	1 3/8" Refrigeration Valve, Packed	413.10	34.66
23 23 13 00-0017	EA	1-5/8" Refrigeration Valve, Packed	503.28	39.03
23 23 13 00-0018	EA	2-1/8" Refrigeration Valve, Packed	719.34	44.52
23 23 13 00-0019	EA	2-5/8" Refrigeration Valve, Packed	1,192.47	124.69
23 23 13 00-0020	EA	3-1/8" Refrigeration Valve, Packed	1,564.96	155.86
23 23 13 00-0021	EA	4-1/8" Refrigeration Valve, Packed	2,225.69	207.86

23 23 13 00-0022 Check Valves *(23 23 13)*

23 23 13 00-0023	EA	5/8" Check Valve, Refrigeration	85.49	12.47
23 23 13 00-0024	EA	7/8" Check Valve, Refrigeration	270.62	13.71
23 23 13 00-0025	EA	1-1/8" Check Valve, Refrigeration	313.84	15.58
23 23 13 00-0026	EA	1 3/8" Check Valve, Refrigeration	422.70	16.58
23 23 13 00-0027	EA	1-5/8" Check Valve, Refrigeration	556.64	19.20
23 23 13 00-0028	EA	2-1/8" Check Valve, Refrigeration	825.66	22.69
23 23 13 00-0029	EA	2-5/8" Check Valve, Refrigeration	1,155.63	33.29
23 23 13 00-0030	EA	3-1/8" Check Valve, Refrigeration	1,529.09	43.64

23 23 13 00-0031 Solenoid Valves *(23 23 13)*

23 23 13 00-0032 Solenoid Valve, 24 Volt Coil *(23 23 13 00-0031)*

23 23 13 00-0033	EA	1/2" Solenoid Valve, Refrigeration	230.80	12.47
23 23 13 00-0034	EA	5/8" Solenoid Valve, Refrigeration	236.33	12.47
23 23 13 00-0035	EA	3/4" Solenoid Valve, Refrigeration	292.24	13.71
23 23 13 00-0036	EA	7/8" Solenoid Valve, Refrigeration	292.24	13.71
23 23 13 00-0037	EA	1-1/8" Solenoid Valve, Refrigeration	409.07	15.58
23 23 13 00-0038	EA	1 3/8" Solenoid Valve, Refrigeration	656.43	16.58
23 23 13 00-0039	EA	1-5/8" Solenoid Valve, Refrigeration	1,207.89	19.20
23 23 13 00-0040	EA	2-1/8" Solenoid Valve, Refrigeration	1,225.32	22.69

23 23 16 Refrigerant Piping Specialties *(23 23)*

23 23 16 00-0001 Soft Refrigeration Copper Tubing *(23 23 16)*
Note: Based on outside diameter. Nitrogenized. Lengths up to 100' See CSI section 22 07 19 00-0226 for flexible elastomeric insulation (insulation on suction line only).

23 23 16 00-0002	LF	1/8" Outside Diameter Soft Refrigeration Copper Tubing	5.20	2.97
23 23 16 00-0003	LF	3/16" Outside Diameter Soft Refrigeration Copper Tubing	5.45	3.04
23 23 16 00-0004	LF	1/4" Outside Diameter Soft Refrigeration Copper Tubing	5.70	3.13
23 23 16 00-0005	LF	5/16" Outside Diameter Soft Refrigeration Copper Tubing	6.10	3.18
23 23 16 00-0006	LF	3/8" Outside Diameter Soft Refrigeration Copper Tubing	6.29	3.23
23 23 16 00-0007	LF	1/2" Outside Diameter Soft Refrigeration Copper Tubing	7.06	3.39
23 23 16 00-0008	LF	5/8" Outside Diameter Soft Refrigeration Copper Tubing	7.77	3.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0009	LF	3/4" Outside Diameter Soft Refrigeration Copper Tubing	8.50	3.55
23 23 16 00-0010	LF	7/8" Outside Diameter Soft Refrigeration Copper Tubing	10.96	4.17
23 23 16 00-0011	LF	1-1/8" Outside Diameter Soft Refrigeration Copper Tubing	13.93	4.77
23 23 16 00-0012	LF	1-3/8" Outside Diameter Soft Refrigeration Copper Tubing	20.12	5.65
23 23 16 00-0013	LF	1-5/8" Outside Diameter Soft Refrigeration Copper Tubing	24.25	6.32
23 23 16 00-0014		Type L Drawn, ACR Copper Tubing *(23 23 16)*		
		Note: Nitrogenized. Lengths up to 20'. See CSI section 22 07 19 00-0226 for flexible elastomeric insulation (insulation on suction line only).		
23 23 16 00-0015	LF	3/8" Outside Diameter Type L Drawn, ACR Copper Tubing	6.95	3.49
		For Medical Applications "Oxygen Clean", Add	*0.61*	
23 23 16 00-0016	LF	1/2" Outside Diameter Type L Drawn, ACR Copper Tubing	7.80	3.49
		For Medical Applications "Oxygen Clean", Add	*0.66*	
23 23 16 00-0017	LF	5/8" Outside Diameter Type L Drawn, ACR Copper Tubing	8.35	3.49
		For Medical Applications "Oxygen Clean", Add	*0.68*	
23 23 16 00-0018	LF	3/4" Outside Diameter Type L Drawn, ACR Copper Tubing	12.06	5.24
		For Medical Applications "Oxygen Clean", Add	*0.99*	
23 23 16 00-0019	LF	7/8" Outside Diameter Type L Drawn, ACR Copper Tubing	13.18	5.61
		For Medical Applications "Oxygen Clean", Add	*1.08*	
23 23 16 00-0020	LF	1-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing	15.32	5.61
		For Medical Applications "Oxygen Clean", Add	*1.19*	
23 23 16 00-0021	LF	1-3/8" Outside Diameter Type L Drawn, ACR Copper Tubing	19.06	6.48
		For Medical Applications "Oxygen Clean", Add	*1.44*	
23 23 16 00-0022	LF	1-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing	23.07	7.48
		For Medical Applications "Oxygen Clean", Add	*1.72*	
23 23 16 00-0023	LF	2-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing	32.63	9.35
		For Medical Applications "Oxygen Clean", Add	*2.33*	
23 23 16 00-0024	LF	2-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing	48.94	14.09
		For Medical Applications "Oxygen Clean", Add	*3.51*	
23 23 16 00-0025	LF	3-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing	63.30	17.46
		For Medical Applications "Oxygen Clean", Add	*4.47*	
23 23 16 00-0026	LF	3-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing	79.63	20.69
		For Medical Applications "Oxygen Clean", Add	*5.54*	
23 23 16 00-0027	LF	4-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing	98.43	24.94
		For Medical Applications "Oxygen Clean", Add	*6.79*	
23 23 16 00-0028		Refrigeration Fittings *(23 23 16)*		
23 23 16 00-0029		Brass Flare Fittings *(23 23 16 00-0028)*		
23 23 16 00-0030		Brass Flare Unions *(23 23 16 00-0029)*		
23 23 16 00-0031	EA	3/8" Brass Flare Union	26.70	13.47
23 23 16 00-0032	EA	1/2" Brass Flare Union	26.70	13.47
23 23 16 00-0033	EA	5/8" Brass Flare Union	28.40	13.47
23 23 16 00-0034		90 Degree Elbow Brass Flare Unions *(23 23 16 00-0029)*		
23 23 16 00-0035	EA	3/8" 90 Degree Brass Flare Elbow Union	27.73	13.47
23 23 16 00-0036	EA	1/2" 90 Degree Brass Flare Elbow Union	27.73	13.47
23 23 16 00-0037	EA	5/8" 90 Degree Brass Flare Elbow Union	33.41	13.47
23 23 16 00-0038		Brass Flare Tees *(23 23 16 00-0029)*		
23 23 16 00-0039	EA	3/8" Brass Flare Tee	43.35	22.43
23 23 16 00-0040	EA	1/2" Brass Flare Tee	45.89	22.43
23 23 16 00-0041	EA	5/8" Brass Flare Tee	59.68	22.43
23 23 16 00-0042		Male Connector, Half Brass Flare Unions *(23 23 16 00-0029)*		
23 23 16 00-0043	EA	3/8" Brass Flare Male Connector, Half Union	22.04	13.47
23 23 16 00-0044	EA	1/2" Brass Flare Male Connector, Half Union	23.74	13.47
23 23 16 00-0045	EA	5/8" Brass Flare Male Connector, Half Union	26.16	13.47
23 23 16 00-0046		Female Connector, Half Brass Flare Unions *(23 23 16 00-0029)*		
23 23 16 00-0047	EA	3/8" Brass Flare Female Connector, Half Union	24.22	13.47
23 23 16 00-0048	EA	1/2" Brass Flare Female Connector, Half Union	26.52	13.47
23 23 16 00-0049	EA	5/8" Brass Flare Female Connector, Half Union	26.52	13.47
23 23 16 00-0050		Long Forged Nuts *(23 23 16 00-0029)*		
23 23 16 00-0051	EA	3/8" Brass Long Forged Nut	23.07	13.47
23 23 16 00-0052	EA	1/2" Brass Long Forged Nut	23.74	13.47
23 23 16 00-0053	EA	5/8" Brass Long Forged Nut	31.11	13.47
23 23 16 00-0054		Short Forged Nuts *(23 23 16 00-0029)*		
23 23 16 00-0055	EA	3/8" Brass Short Forged Nut	22.11	13.47
23 23 16 00-0056	EA	1/2" Brass Short Forged Nut	23.64	13.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0057	EA	5/8" Brass Short Forged Nut	23.96	13.47
23 23 16 00-0058		**ACR Wrought Copper Fittings** *(23 23 16 00-0028)* Note: Soldered.		
23 23 16 00-0059		**ACR Wrought Copper Coupling** *(23 23 16 00-0058)* Note: C x C		
23 23 16 00-0060	EA	1/4" ACR Wrought Copper Coupling	21.65	13.47
23 23 16 00-0061	EA	3/8" ACR Wrought Copper Coupling	21.38	13.47
23 23 16 00-0062	EA	1/2" ACR Wrought Copper Coupling	21.78	13.47
23 23 16 00-0063	EA	5/8" ACR Wrought Copper Coupling	22.55	14.09
23 23 16 00-0064	EA	3/4" ACR Wrought Copper Coupling	31.57	18.57
23 23 16 00-0065	EA	7/8" ACR Wrought Copper Coupling	31.34	19.08
23 23 16 00-0066	EA	1-1/8" ACR Wrought Copper Coupling	41.01	23.69
23 23 16 00-0067	EA	1-3/8" ACR Wrought Copper Coupling	58.34	32.42
23 23 16 00-0068	EA	1-5/8" ACR Wrought Copper Coupling	69.91	38.03
23 23 16 00-0069	EA	2-1/8" ACR Wrought Copper Coupling	90.55	46.14
23 23 16 00-0070	EA	2-5/8" ACR Wrought Copper Coupling	153.32	70.07
23 23 16 00-0071	EA	3-1/8" ACR Wrought Copper Coupling	203.97	92.15
23 23 16 00-0072	EA	4-1/8" ACR Wrought Copper Coupling	313.72	109.48
23 23 16 00-0073		**ACR Wrought Copper Short Radius 90 Degree Elbows** *(23 23 16 00-0058)* Note: C x C		
23 23 16 00-0074	EA	1/4" ACR Wrought Copper Short Radius 90 Degree Elbow	25.29	13.47
23 23 16 00-0075	EA	3/8" ACR Wrought Copper Short Radius 90 Degree Elbow	25.56	13.47
23 23 16 00-0076	EA	1/2" ACR Wrought Copper Short Radius 90 Degree Elbow	25.29	13.47
23 23 16 00-0077		**ACR Wrought Copper Long Radius 90 Degree Elbows** *(23 23 16 00-0058)* Note: C x C		
23 23 16 00-0078	EA	1/4" ACR Wrought Copper Long Radius 90 Degree Elbow	29.84	13.47
23 23 16 00-0079	EA	3/8" ACR Wrought Copper Long Radius 90 Degree Elbow	27.44	13.47
23 23 16 00-0080	EA	1/2" ACR Wrought Copper Long Radius 90 Degree Elbow	29.34	13.47
23 23 16 00-0081	EA	5/8" ACR Wrought Copper Long Radius 90 Degree Elbow	29.47	14.09
23 23 16 00-0082	EA	3/4" ACR Wrought Copper Long Radius 90 Degree Elbow	36.32	18.57
23 23 16 00-0083	EA	7/8" ACR Wrought Copper Long Radius 90 Degree Elbow	39.30	19.08
23 23 16 00-0084	EA	1-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	52.73	23.69
23 23 16 00-0085	EA	1-3/8" ACR Wrought Copper Long Radius 90 Degree Elbow	76.62	32.42
23 23 16 00-0086	EA	1-5/8" ACR Wrought Copper Long Radius 90 Degree Elbow	94.66	38.03
23 23 16 00-0087	EA	2-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	167.98	46.14
23 23 16 00-0088	EA	2-5/8" ACR Wrought Copper Long Radius 90 Degree Elbow	261.57	70.07
23 23 16 00-0089	EA	3-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	345.47	92.15
23 23 16 00-0090	EA	4-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	719.37	109.48
23 23 16 00-0091		**ACR Wrought Copper 45 Degree Elbow** *(23 23 16 00-0058)* Note: C x C		
23 23 16 00-0092	EA	1/4" ACR Wrought Copper 45 Degree Elbow	33.15	13.47
23 23 16 00-0093	EA	3/8" ACR Wrought Copper 45 Degree Elbow	29.84	13.47
23 23 16 00-0094	EA	1/2" ACR Wrought Copper 45 Degree Elbow	28.43	13.47
23 23 16 00-0095	EA	5/8" ACR Wrought Copper 45 Degree Elbow	24.52	14.09
23 23 16 00-0096	EA	3/4" ACR Wrought Copper 45 Degree Elbow	42.52	18.57
23 23 16 00-0097	EA	7/8" ACR Wrought Copper 45 Degree Elbow	34.43	19.08
23 23 16 00-0098	EA	1-1/8" ACR Wrought Copper 45 Degree Elbow	50.17	23.69
23 23 16 00-0099	EA	1-3/8" ACR Wrought Copper 45 Degree Elbow	68.31	32.42
23 23 16 00-0100	EA	1-5/8" ACR Wrought Copper 45 Degree Elbow	80.79	38.03
23 23 16 00-0101	EA	2-1/8" ACR Wrought Copper 45 Degree Elbow	108.68	46.14
23 23 16 00-0102	EA	2-5/8" ACR Wrought Copper 45 Degree Elbow	189.39	70.07
23 23 16 00-0103	EA	3-1/8" ACR Wrought Copper 45 Degree Elbow	255.91	92.15
23 23 16 00-0104	EA	4-1/8" ACR Wrought Copper45 Degree Elbow	414.93	109.48
23 23 16 00-0105		**ACR Wrought Copper Tee** *(23 23 16 00-0058)* Note: C x C x C		
23 23 16 00-0106	EA	1/4" ACR Wrought Copper Tee	44.00	22.43
23 23 16 00-0107	EA	3/8" ACR Wrought Copper Tee	44.59	22.43
23 23 16 00-0108	EA	1/2" ACR Wrought Copper Tee	42.43	22.43
23 23 16 00-0109	EA	5/8" ACR Wrought Copper Tee	45.45	28.30
23 23 16 00-0110	EA	3/4" ACR Wrought Copper Tee	62.37	28.30
23 23 16 00-0111	EA	7/8" ACR Wrought Copper Tee	50.50	28.68
23 23 16 00-0112	EA	1-1/8" ACR Wrought Copper Tee	80.26	38.03
23 23 16 00-0113	EA	1-3/8" ACR Wrought Copper Tee	100.47	46.14
23 23 16 00-0114	EA	1-5/8" ACR Wrought Copper Tee	130.42	54.74
23 23 16 00-0115	EA	2-1/8" ACR Wrought Copper Tee	184.83	72.94
23 23 16 00-0116	EA	2-5/8" ACR Wrought Copper Tee	390.90	159.23
23 23 16 00-0117	EA	3-1/8" ACR Wrought Copper Tee	480.93	175.07
23 23 16 00-0118	EA	4-1/8" ACR Wrought Copper Tee	820.30	194.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0119		**ACR Wrought Copper Male Adapter** *(23 23 16 00-0058)* Note: C x M		
23 23 16 00-0120	EA	1/4" ACR Wrought Copper Male Adapter	36.43	13.47
23 23 16 00-0121	EA	3/8" ACR Wrought Copper Male Adapter	41.72	13.47
23 23 16 00-0122	EA	1/2" ACR Wrought Copper Male Adapter	32.94	13.47
23 23 16 00-0123		**ACR Wrought Copper Female Adapter** *(23 23 16 00-0058)* Note: C x F		
23 23 16 00-0124	EA	1/4" ACR Wrought Copper Female Adapter	34.36	13.47
23 23 16 00-0125	EA	3/8" ACR Wrought Copper Female Adapter	31.32	13.47
23 23 16 00-0126	EA	1/2" ACR Wrought Copper Female Adapter	32.47	13.47
23 23 16 00-0127		**ACR Wrought Copper Cap** *(23 23 16 00-0058)* Note: C		
23 23 16 00-0128	EA	1/4" ACR Wrought Copper Cap	15.96	8.98
23 23 16 00-0129	EA	3/8" ACR Wrought Copper Cap	15.00	8.98
23 23 16 00-0130	EA	1/2" ACR Wrought Copper Cap	15.93	8.98
23 23 16 00-0131		**ACR Wrought Copper P-Trap** *(23 23 16 00-0058)*		
23 23 16 00-0132	EA	5/8" ACR Wrought Copper P-Trap	97.47	11.48
23 23 16 00-0133	EA	3/4" ACR Wrought Copper P-Trap	131.82	12.63
23 23 16 00-0134	EA	7/8" ACR Wrought Copper P-Trap	115.81	12.63
23 23 16 00-0135	EA	1-1/8" ACR Wrought Copper P-Trap	156.70	13.78
23 23 16 00-0136	EA	1-3/8" ACR Wrought Copper P-Trap	271.59	13.78
23 23 16 00-0137	EA	1-5/8" ACR Wrought Copper P-Trap	381.44	14.93
23 23 16 00-0138	EA	2-1/8" ACR Wrought Copper P-Trap	683.72	16.08
23 23 16 00-0139		**Sight Glass With Moisture And Liquid Indicator, Solder Connection** *(23 23 16)*		
23 23 16 00-0140	EA	1/4" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	63.78	17.23
23 23 16 00-0141	EA	3/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	77.43	20.67
23 23 16 00-0142	EA	1/2" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	93.58	25.26
23 23 16 00-0143	EA	5/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	102.83	28.71
23 23 16 00-0144	EA	7/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	138.83	36.75
23 23 16 00-0145	EA	1-1/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	160.44	44.79
23 23 16 00-0146	EA	1-3/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	248.49	52.83
23 23 16 00-0147	EA	1-5/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	306.02	72.34
23 23 16 00-0148	EA	2-1/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	375.60	89.56
23 23 16 00-0149		**Filter Driers, Solder Connections** *(23 23 16)*		
23 23 16 00-0150		**Replaceable Core Type Filter Driers, Solder Connections** *(23 23 16 00-0149)*		
23 23 16 00-0151	EA	5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	576.84	10.34
23 23 16 00-0152	EA	7/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	579.67	12.63
23 23 16 00-0153	EA	1-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	740.43	12.63
23 23 16 00-0154	EA	1-3/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	737.13	13.78
23 23 16 00-0155	EA	1-5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	820.81	14.93
23 23 16 00-0156	EA	2-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	923.06	16.08
23 23 16 00-0157	EA	2-5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	1,078.40	17.23
23 23 16 00-0158	EA	3-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	1,346.29	17.23
23 23 16 00-0159		**Sealed In-Line Filter Driers, Solder Connections** *(23 23 16 00-0149)*		
23 23 16 00-0160	EA	1/4" Outside Diameter, 1/4 To 1 Ton, Sealed In-Line Filter Drier, Solder Connections	92.88	10.34
23 23 16 00-0161	EA	3/8" Outside Diameter, 1/2 To 2 Ton, Sealed In-Line Filter Drier, Solder Connections	118.67	10.34
23 23 16 00-0162	EA	1/2" Outside Diameter, 1 To 7 Ton, Sealed In-Line Filter Drier, Solder Connections	151.48	11.48
23 23 16 00-0163	EA	1/2" Outside Diameter, 2 To 7-1/2 Ton, Sealed In-Line Filter Drier, Solder Connections	175.40	11.48
23 23 16 00-0164	EA	5/8" Outside Diameter, 2 To 10 Ton, Sealed In-Line Filter Drier, Solder Connections	192.89	11.48
23 23 16 00-0165	EA	5/8" Outside Diameter, 4 To 8 Ton, Sealed In-Line Filter Drier, Solder Connections	222.87	11.48
23 23 16 00-0166	EA	7/8" Outside Diameter, 5 To 20 Ton, Sealed In-Line Filter Drier, Solder Connections	250.81	12.63
23 23 16 00-0167	EA	7/8" Outside Diameter, 7-1/2 To 20 Ton, Sealed In-Line Filter Drier, Solder Connections	369.63	12.63
23 23 16 00-0168	EA	1-1/8" Outside Diameter, 15 To 25 Ton, Sealed In-Line Filter Drier, Solder Connections	402.23	12.63
23 23 16 00-0169		**Bi-Flow Filter Driers, Solder Connections** *(23 23 16 00-0149)*		
23 23 16 00-0170	EA	1/4" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections	130.08	10.34
23 23 16 00-0171	EA	3/8" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections	145.15	10.34
23 23 16 00-0172	EA	1/2" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections	173.15	11.48
23 23 16 00-0173	EA	3/8" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections	155.65	10.34
23 23 16 00-0174	EA	1/2" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections	194.81	11.48
23 23 16 00-0175	EA	5/8" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections	226.59	11.48
23 23 16 00-0176		**Refrigerant Compressor Discharge Mufflers** *(23 23 16)*		
23 23 16 00-0177	EA	3/8" Outside Diameter, 2 Ton, Refrigerant Compressor Discharge Muffler	117.42	10.34
23 23 16 00-0178	EA	1/2" Outside Diameter, 3 Ton, Refrigerant Compressor Discharge Muffler	129.65	10.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0179	EA	5/8" Outside Diameter, 5 Ton, Refrigerant Compressor Discharge Muffler	156.29	10.34
23 23 16 00-0180	EA	7/8" Outside Diameter, 7-1/2 To 10 Ton, Refrigerant Compressor Discharge Muffler	209.50	12.63
23 23 16 00-0181	EA	1-1/8" Outside Diameter, 10 To 15 Ton, Refrigerant Compressor Discharge Muffler	273.35	12.63
23 23 16 00-0182	EA	1-3/8" Outside Diameter, 15 To 25 Ton, Refrigerant Compressor Discharge Muffler	324.79	13.78
23 23 16 00-0183	EA	1-5/8" Outside Diameter, 25 To 50 Ton, Refrigerant Compressor Discharge Muffler	411.59	14.93
23 23 16 00-0184	EA	2-1/8" Outside Diameter, 50 To 75 Ton, Refrigerant Compressor Discharge Muffler	758.70	16.08
23 23 16 00-0185	EA	2-5/8" Outside Diameter, 75 To 100 Ton, Refrigerant Compressor Discharge Muffler	847.91	17.23
23 23 16 00-0186	EA	3-1/8" Outside Diameter, 100 To 125 Ton, Refrigerant Compressor Discharge Muffler	1,049.34	17.23
23 23 16 00-0187		**Expansion Valves And Vibration Absorbers** *(23 23 16)*		
23 23 16 00-0188		**Thermostatic Expansion Valves** *(23 23 16 00-0187)*		
		Note: Outside diameter pipe sizes. Sporlan TP-S.		
23 23 16 00-0189	EA	3/8" In x 5/8" Out, 1/2 To 3 Ton, Thermostatic Expansion Valve	251.33	10.34
23 23 16 00-0190	EA	1/2" In x 7/8" Out, 4 To 5 Ton, Thermostatic Expansion Valve	350.01	11.48
23 23 16 00-0191	EA	5/8" In x 7/8" Out, 6 To 8 Ton, Thermostatic Expansion Valve	596.12	11.48
23 23 16 00-0192	EA	7/8" In x 1-1/8" Out, 7 To 12 Ton, Thermostatic Expansion Valve	706.60	12.63
23 23 16 00-0193	EA	7/8" In x 1-3/8" Out, 15 To 20 Ton, Thermostatic Expansion Valve	764.02	12.63
23 23 16 00-0194		**Electric Expansion Valves** *(23 23 16 00-0187)*		
		Note: Sporlan SEI or SEH.		
23 23 16 00-0195	EA	1/2 To 11 Ton Electric Expansion Valve	608.59	14.35
		Note: Sporlan SEI.		
23 23 16 00-0196	EA	25 Ton Electric Expansion Valve	704.82	14.93
		Note: Sporlan SEI.		
23 23 16 00-0197	EA	50 Ton Electric Expansion Valve	801.61	15.50
		Note: Sporlan SEI.		
23 23 16 00-0198	EA	100 Ton Electric Expansion Valve	941.78	15.50
		Note: Sporlan SEH.		
23 23 16 00-0199	EA	175 Ton Electric Expansion Valve	1,060.56	16.08
		Note: Sporlan SEH.		
23 23 16 00-0200		**Braided Stainless Steel Over Copper Vibration Absorber** *(23 23 16 00-0187)*		
23 23 16 00-0201	EA	1/4" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	66.68	14.93
23 23 16 00-0202	EA	3/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	67.06	17.23
23 23 16 00-0203	EA	1/2" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	86.94	21.82
23 23 16 00-0204	EA	5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	93.66	26.41
23 23 16 00-0205	EA	3/4" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	110.30	32.15
23 23 16 00-0206	EA	7/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	127.67	36.75
23 23 16 00-0207	EA	1-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	181.31	13.78
23 23 16 00-0208	EA	1-3/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	255.71	14.93
23 23 16 00-0209	EA	1-5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	320.25	14.93
23 23 16 00-0210	EA	2-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	438.56	16.08
23 23 16 00-0211	EA	2-5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	748.18	17.23
23 23 16 00-0212	EA	3-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	980.66	17.23
23 23 16 00-0213		**Accumulator, Refrigerant Suction Line** *(23 23 16)*		
23 23 16 00-0214	EA	3/4" Accumulator, Refrigeration Suction Line	212.19	52.25
23 23 16 00-0215	EA	7/8" Accumulator, Refrigeration Suction Line	287.51	71.76
23 23 16 00-0216	EA	1-1/8" Accumulator, Refrigeration Suction Line	342.08	95.65
23 23 16 00-0217	EA	1 3/8" Accumulator, Refrigeration Suction Line	483.55	114.83
23 23 16 00-0218	EA	1-5/8" Accumulator, Refrigeration Suction Line	667.60	143.54
23 23 16 00-0219	EA	2-1/8" Accumulator, Refrigeration Suction Line	1,017.33	191.42
23 23 16 00-0220		**Special Chemicals/Component** *(23 23 16)*		
23 23 16 00-0221	GAL	Special Chemical, Inhibited Propylene Glycol, 100%	28.73	
23 23 16 00-0222	GAL	Removal And Storage For Reuse Of Inhibited Propylene Glycol	8.91	
23 23 16 00-0223	GAL	Special Chemical, Inhibited Ethylene Glycol, 100%	19.86	
23 23 16 00-0224	EA	Internal Coil/Refrigerant Piping Flush	365.51	
		Note: Up to 10 ton AC system.		
23 23 16 00-0225		**Pre-Insulated, Copper Refrigeration Line Sets** *(23 23 16)*		
23 23 16 00-0226	EA	5/16" Outside Diameter Liquid, And 5/8" Outside Diameter Suction, x 30' Length, Refrigerant Line Set With 1/2" Insulation	387.53	28.92
23 23 16 00-0227	EA	5/16" Outside Diameter Liquid, And 3/4" Outside Diameter Suction, x 30' Length, Refrigerant Line Set With 1/2" Insulation	411.86	28.92
23 23 16 00-0228	EA	3/8" Outside Diameter Liquid, And 5/8" Outside Diameter Suction, x 30' Length, Refrigerant Line Set With 1/2" Insulation	361.72	29.18
23 23 16 00-0229	EA	3/8" Outside Diameter Liquid, And 3/4" Outside Diameter Suction, x 30' Length, Refrigerant Line Set With 1/2" Insulation	435.16	29.37
23 23 16 00-0230	EA	3/8" Outside Diameter Liquid, And 7/8" Outside Diameter Suction, x 30' Length, Refrigerant Line Set With 1/2" Insulation	534.94	30.17
23 23 16 00-0231	EA	3/8" Outside Diameter Liquid, And 1-1/8" Outside Diameter Suction, x 30' Length, Refrigerant Line Set With 1/2" Insulation	635.23	32.17
23 23 16 00-0232	EA	1/2" Outside Diameter Liquid, And 3/4" Outside Diameter Suction, x 30' Length, Refrigerant Line Set With 1/2" Insulation	460.00	30.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0233	EA	1/2" Outside Diameter Liquid, And 7/8" Outside Diameter Suction, x 30' Length, Refrigerant Line Set With 1/2" Insulation	593.62	32.30
23 23 16 00-0234	EA	1/2" Outside Diameter Liquid, And 1-1/8" Outside Diameter Suction, x 30' Length, Refrigerant Line Set With 1/2" Insulation	727.38	34.41

23 23 23 Refrigerants *(23 23)*

23 23 23 00-0001 Refrigerant *(23 23 23)*

23 23 23 00-0002	LB	R-123 Refrigerant	38.58	
23 23 23 00-0003	LB	R-134A Refrigerant	13.75	
23 23 23 00-0004	LB	R-404A Refrigerant	15.71	
23 23 23 00-0005	LB	R-407C Refrigerant	14.13	
23 23 23 00-0006	LB	R-408A Refrigerant	32.21	
23 23 23 00-0007	LB	R-410A Refrigerant	13.84	
23 23 23 00-0008	LB	R-500 Refrigerant	47.15	
23 23 23 00-0009	LB	R-507 Refrigerant	8.81	
23 23 23 00-0010	LB	R-32 Refrigerant	18.47	
23 23 23 00-0011	LB	R-452A Refrigerant	20.65	
23 23 23 00-0012	LB	R-453A Refrigerant	24.04	
23 23 23 00-0013	LB	R-454A Refrigerant	32.87	
23 23 23 00-0014	LB	R-454B Refrigerant	26.35	

23 25 HVAC Water Treatment *(23 20)*

23 25 13 Water Treatment for Closed-Loop Hydronic Systems *(23 25)*

23 25 13 00-0001 Polyethylene Chemical Storage Tanks *(23 25 13)*

23 25 13 00-0002	EA	15 Gallon Chemical Storage Tank, Polyethylene	468.71	95.88

23 25 13 00-0003 Gas Chlorinator *(23 25 13)*

23 25 13 00-0004	EA	Gas Chlorinator, Wall Or Cylinder Mounted (10 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit	1,222.66	436.25
		For Booster Pump, Add	*485.22*	
23 25 13 00-0005	EA	Gas Chlorinator, Wall Or Cylinder Mounted (25 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit	1,396.93	498.58
		For Booster Pump, Add	*554.66*	
23 25 13 00-0006	EA	Gas Chlorinator, Wall Or Cylinder Mounted (50 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit	1,906.24	377.67
		For Booster Pump, Add	*674.80*	

23 25 13 00-0007 Bypass Shot Feeders *(23 25 13)*

Note: Includes up to 4 ports (in, out, fill and drain). Excludes valves.

23 25 13 00-0008 In Line Mount, 125 PSIG *(23 25 13 00-0007)*

23 25 13 00-0009	EA	1.7 Gallon Bypass Shot Chemical Feeder In Line Mount, 125 PSIG	1,130.54	324.97

23 25 13 00-0010 Floor Mount, 175 PSIG *(23 25 13 00-0007)*

23 25 13 00-0011	EA	5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 175 PSIG	1,665.67	489.17
23 25 13 00-0012	EA	12 Gallon Bypass Shot Chemical Feeder, Floor Mount, 175 PSIG	2,197.00	647.64

23 25 13 00-0013 Floor Mount, 150 Lb. ASME Code *(23 25 13 00-0007)*

23 25 13 00-0014	EA	5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 150 Lb. ASME Code	1,665.67	489.17
23 25 13 00-0015	EA	10 Gallon Bypass Shot Chemical Feeder, Floor Mount, 150 Lb. ASME Code	2,197.00	647.64

23 25 13 00-0016 Floor Mount, 300 Lb. ASME Code *(23 25 13 00-0007)*

23 25 13 00-0017	EA	5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 300 Lb. ASME Code	2,050.38	489.17
23 25 13 00-0018	EA	10 Gallon Bypass Shot Chemical Feeder, Floor Mount, 300 Lb. ASME Code	2,596.47	647.64

23 30 HVAC Air Distribution *(23)*

23 31 HVAC Ducts and Casings *(23 30)*

Note: Excludes angle iron, threaded rod, anchor bolts or other external supporting devices other than normal sheet metal straps. See CSI section 05 12 23 00-0106 for angle iron, 23 05 29 00-0001 for threaded rod.

23 31 13 Metal Ducts *(23 31)*

23 31 13 13 Rectangular Metal Ducts *(23 31 13)*

23 31 13 13-0001 Steel Sheet Metal Duct *(23 31 13 13)*

Note: Includes all fittings, transitions, collars, straps, support straps, fabrication, installation and sealing the joints by tape, mastic, or spray on sealer. Duct Sealing: Class-C requires sealing transverse joints; Class-B requires sealing all transverse joint and longitudinal seams; Class-A requires sealing all transverse joints longitudinal seams and duct wall penetrations.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0002		**Galvanized Steel Sheet Metal Ductwork And Sealant Assemblies** *(23 31 13 13-0001)* Note: SMACNA weight for galvanized steel ductwork Lbs./SF (surface areas) by gauge: 26 gauge - 0.906 Lbs./SF; 24 gauge - 1.156 Lbs./SF; 22 gauge - 1.406 Lbs./SF; 20 gauge - 1.656 Lbs./SF; 18 gauge - 2.156 Lbs./SF; 16 gauge - 2.656 Lbs./SF		
23 31 13 13-0003	LB	Seal Class C, Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes all fittings, transitions, collars, straps, support straps, fabrication, installation and sealing the joints by tape, mastic, or spray on sealer.	13.56	3.59
		For Polyvinyl Chloride (PVC) Coated, Add	*0.51*	
		For Up To 200, Add	*4.83*	
		For >200 To 500, Add	*3.07*	
		For >500 To 1,000, Add	*2.08*	
		For >1,000 To 2,000, Add	*1.16*	
		For >2,000 To 5,000, Add	*0.52*	
		For Work In Restricted Working Space, Add	*3.31*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.66*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.32*	
		For Elevated Installation >20' To 25' Above Floor, Add	*1.65*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.32*	
		For Elevated Installation >30' To 35' Above Floor, Add	*2.65*	
		For Elevated Installation >35' To 40' Above Floor, Add	*3.31*	
		For Elevated Installation >40' Above Floor, Add	*3.64*	
23 31 13 13-0004	LB	Seal Class B, Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes all fittings, transitions, collars, straps, support straps, fabrication, installation and sealing the joints by tape, mastic, or spray on sealer.	15.48	3.59
		For Polyvinyl Chloride (PVC) Coated, Add	*0.56*	
		For Up To 200, Add	*5.48*	
		For >200 To 500, Add	*3.48*	
		For >500 To 1,000, Add	*2.36*	
		For >1,000 To 2,000, Add	*1.32*	
		For >2,000 To 5,000, Add	*0.59*	
		For Work In Restricted Working Space, Add	*3.81*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.76*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.52*	
		For Elevated Installation >20' To 25' Above Floor, Add	*1.90*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.66*	
		For Elevated Installation >30' To 35' Above Floor, Add	*3.05*	
		For Elevated Installation >35' To 40' Above Floor, Add	*3.81*	
		For Elevated Installation >40' Above Floor, Add	*4.19*	
23 31 13 13-0005	LB	Seal Class A, Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes all fittings, transitions, collars, straps, support straps, fabrication, installation and sealing the joints by tape, mastic, or spray on sealer.	18.49	3.59
		For Polyvinyl Chloride (PVC) Coated, Add	*0.61*	
		For Up To 200, Add	*6.46*	
		For >200 To 500, Add	*4.09*	
		For >500 To 1,000, Add	*2.80*	
		For >1,000 To 2,000, Add	*1.57*	
		For >2,000 To 5,000, Add	*0.71*	
		For Work In Restricted Working Space, Add	*4.64*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.93*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.85*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.32*	
		For Elevated Installation >25' To 30' Above Floor, Add	*3.24*	
		For Elevated Installation >30' To 35' Above Floor, Add	*3.71*	
		For Elevated Installation >35' To 40' Above Floor, Add	*4.64*	
		For Elevated Installation >40' Above Floor, Add	*5.10*	
23 31 13 13-0006		**Alloy 3003-H14, Aluminum Sheet Metal Ductwork Assemblies** *(23 31 13 13-0001)* Note: SMACNA weight for aluminum ductwork Lbs./SF (surface areas) by gauge: 26 gauge - 0.224 Lbs./SF; 24 gauge - 0.282 Lbs./SF; 22 gauge - 0.352 Lbs./SF; 20 gauge - 0.451 Lbs./SF; 18 gauge - 0.563 Lbs./SF; 16 gauge - 0.718 Lbs./SF; 14 gauge – 0.901 Lbs./SF; 12 gauge – 0.141 Lbs./SF		
23 31 13 13-0007	LB	Seal Class C, Alloy 3003-H14, Aluminum Sheet Metal Ductwork Assembly Note: Includes all fittings, transitions, collars, straps, support straps, fabrication, installation and sealing the joints by tape, mastic, or spray on sealer.	26.45	3.59
		For Work In Restricted Working Space, Add	*6.54*	
		For Up To 200, Add	*9.33*	
		For >200 To 500, Add	*5.92*	
		For >500 To 1,000, Add	*4.03*	
		For >1,000 To 2,000, Add	*2.26*	
		For >2,000 To 5,000, Add	*1.01*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.31*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.62*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.27*	
		For Elevated Installation >25' To 30' Above Floor, Add	*4.58*	
		For Elevated Installation >30' To 35' Above Floor, Add	*5.23*	
		For Elevated Installation >35' To 40' Above Floor, Add	*6.54*	
		For Elevated Installation >40' Above Floor, Add	*7.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0008	LB	Seal Class B, Alloy 3003-H14, Aluminum Sheet Metal Ductwork Assembly Note: Includes all fittings, transitions, collars, straps, support straps, fabrication, installation and sealing the joints by tape, mastic, or spray on sealer.	29.97	3.59
		For Work In Restricted Working Space, Add	*7.52*	
		For Up To 200, Add	*10.46*	
		For >200 To 500, Add	*6.62*	
		For >500 To 1,000, Add	*4.54*	
		For >1,000 To 2,000, Add	*2.54*	
		For >2,000 To 5,000, Add	*1.15*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.50*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.01*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.76*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.26*	
		For Elevated Installation >30' To 35' Above Floor, Add	*6.02*	
		For Elevated Installation >35' To 40' Above Floor, Add	*7.52*	
		For Elevated Installation >40' Above Floor, Add	*8.27*	
23 31 13 13-0009	LB	Seal Class A, Alloy 3003-H14, Aluminum Sheet Metal Ductwork Assembly Note: Includes all fittings, transitions, collars, straps, support straps, fabrication, installation and sealing the joints by tape, mastic, or spray on sealer.	35.68	3.59
		For Work In Restricted Working Space, Add	*9.16*	
		For Up To 200, Add	*12.25*	
		For >200 To 500, Add	*7.71*	
		For >500 To 1,000, Add	*5.36*	
		For >1,000 To 2,000, Add	*3.01*	
		For >2,000 To 5,000, Add	*1.38*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.83*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.66*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.58*	
		For Elevated Installation >25' To 30' Above Floor, Add	*6.41*	
		For Elevated Installation >30' To 35' Above Floor, Add	*7.33*	
		For Elevated Installation >35' To 40' Above Floor, Add	*9.16*	
		For Elevated Installation >40' Above Floor, Add	*10.07*	

23 31 13 13-0010 Type 304, Stainless Steel Sheet Metal Ductwork Assemblies *(23 31 13 13-0001)*

Note: SMACNA weight for stainless steel ductwork Lbs./SF (surface areas) by gauge: 26 gauge - 0.748 Lbs./SF; 24 gauge - 0.987 Lbs./SF; 22 gauge – 1.231 Lbs./SF; 20 gauge - 1.491 Lbs./SF; 18 gauge - 2.016 Lbs./SF; 16 gauge - 2.499 Lbs./SF; 14 gauge – 3.154 Lbs./SF; Lbs./SF; gauge – 4.427 Lbs./SF

23 31 13 13-0011	LB	Seal Class C, Type 304, Stainless Steel Sheet Metal Ductwork Assembly Note: Includes all fittings, transitions, collars, straps, support straps, fabrication, installation and sealing the joints by tape, mastic, or spray on sealer.	19.64	4.77
		For Work In Restricted Working Space, Add	*4.02*	
		For Welded Seams, Add	*7.01*	
		For Up To 200, Add	*7.76*	
		For >200 To 500, Add	*5.10*	
		For >500 To 1,000, Add	*3.19*	
		For >1,000 To 2,000, Add	*1.76*	
		For >2,000 To 5,000, Add	*0.72*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.80*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.61*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.01*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.81*	
		For Elevated Installation >30' To 35' Above Floor, Add	*3.22*	
		For Elevated Installation >35' To 40' Above Floor, Add	*4.02*	
		For Elevated Installation >40' Above Floor, Add	*4.42*	
23 31 13 13-0012	LB	Seal Class B, Type 304, Stainless Steel Sheet Metal Ductwork Assembly Note: Includes all fittings, transitions, collars, straps, support straps, fabrication, installation and sealing the joints by tape, mastic, or spray on sealer.	22.66	4.77
		For Work In Restricted Working Space, Add	*4.85*	
		For Welded Seams, Add	*8.41*	
		For Up To 200, Add	*8.75*	
		For >200 To 500, Add	*5.70*	
		For >500 To 1,000, Add	*3.63*	
		For >1,000 To 2,000, Add	*2.01*	
		For >2,000 To 5,000, Add	*0.84*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.97*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.94*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.43*	
		For Elevated Installation >25' To 30' Above Floor, Add	*3.40*	
		For Elevated Installation >30' To 35' Above Floor, Add	*3.88*	
		For Elevated Installation >35' To 40' Above Floor, Add	*4.85*	
		For Elevated Installation >40' Above Floor, Add	*5.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0013	LB	Seal Class A, Type 304, Stainless Steel Sheet Metal Ductwork Assembly Note: Includes all fittings, transitions, collars, straps, support straps, fabrication, installation and sealing the joints by tape, mastic, or spray on sealer.	25.50	4.77
		For Work In Restricted Working Space, Add	*5.63*	
		For Welded Seams, Add	*9.71*	
		For Up To 200, Add	*9.68*	
		For >200 To 500, Add	*6.28*	
		For >500 To 1,000, Add	*4.04*	
		For >1,000 To 2,000, Add	*2.24*	
		For >2,000 To 5,000, Add	*0.95*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.13*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.25*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.81*	
		For Elevated Installation >25' To 30' Above Floor, Add	*3.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*4.50*	
		For Elevated Installation >35' To 40' Above Floor, Add	*5.63*	
		For Elevated Installation >40' Above Floor, Add	*6.19*	
23 31 13 13-0014		**Galvanized Steel Sheet Metal Ductwork By LF Assemblies** *(23 31 13 13-0001)* Note: Ductwork includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed. For fittings add the following equivalent lengths: 0.75' for duct end cap; 1.5' for tap-in; 2.5' for 45-degree elbows; 3' for 90-degree elbows, transition, taper, register box; 4' for 45-degree reducing elbow, offset, turning vanes installed in elbows; 5' for 90-degree reducing elbow, 135-degree angle gooseneck, boots; and 6' for transition/reducer.		
23 31 13 13-0015		**30 Gauge Galvanized Steel Metal Ductwork Assemblies** *(23 31 13 13-0014)* Note: Seal Class C		
23 31 13 13-0016	LF	4" x 4", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	14.44	7.36
		For Seal Class B, Add	*1.84*	
		For Seal Class A, Add	*3.93*	
		For Work In Restricted Working Space, Add	*3.69*	
23 31 13 13-0017	LF	4" x 6", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	18.03	9.21
		For Seal Class B, Add	*2.30*	
		For Seal Class A, Add	*4.92*	
		For Work In Restricted Working Space, Add	*4.61*	
23 31 13 13-0018	LF	4" x 8", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	21.64	11.06
		For Seal Class B, Add	*2.76*	
		For Seal Class A, Add	*5.89*	
		For Work In Restricted Working Space, Add	*5.53*	
23 31 13 13-0019	LF	4" x 10", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	25.24	12.89
		For Seal Class B, Add	*3.22*	
		For Seal Class A, Add	*6.88*	
		For Work In Restricted Working Space, Add	*6.45*	
23 31 13 13-0020	LF	4" x 12", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	28.87	14.74
		For Seal Class B, Add	*3.69*	
		For Seal Class A, Add	*7.86*	
		For Work In Restricted Working Space, Add	*7.37*	
23 31 13 13-0021	LF	4" x 14", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	32.45	16.59
		For Seal Class B, Add	*4.14*	
		For Seal Class A, Add	*8.84*	
		For Work In Restricted Working Space, Add	*8.29*	
23 31 13 13-0022	LF	4" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	36.06	18.42
		For Seal Class B, Add	*4.61*	
		For Seal Class A, Add	*9.83*	
		For Work In Restricted Working Space, Add	*9.21*	
23 31 13 13-0023	LF	6" x 6", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	21.64	11.06
		For Seal Class B, Add	*2.76*	
		For Seal Class A, Add	*5.89*	
		For Work In Restricted Working Space, Add	*5.53*	
23 31 13 13-0024	LF	6" x 8", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	25.24	12.89
		For Seal Class B, Add	*3.22*	
		For Seal Class A, Add	*6.88*	
		For Work In Restricted Working Space, Add	*6.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0025	LF	6" x 10", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	28.87	14.74
		For Seal Class B, Add	*3.69*	
		For Seal Class A, Add	*7.86*	
		For Work In Restricted Working Space, Add	*7.37*	
23 31 13 13-0026	LF	6" x 12", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	32.45	16.59
		For Seal Class B, Add	*4.14*	
		For Seal Class A, Add	*8.84*	
		For Work In Restricted Working Space, Add	*8.29*	
23 31 13 13-0027	LF	6" x 14", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	36.06	18.42
		For Seal Class B, Add	*4.61*	
		For Seal Class A, Add	*9.83*	
		For Work In Restricted Working Space, Add	*9.21*	
23 31 13 13-0028	LF	6" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	39.68	20.27
		For Seal Class B, Add	*5.07*	
		For Seal Class A, Add	*10.81*	
		For Work In Restricted Working Space, Add	*10.13*	
23 31 13 13-0029	LF	8" x 8", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	28.87	14.74
		For Seal Class B, Add	*3.69*	
		For Seal Class A, Add	*7.86*	
		For Work In Restricted Working Space, Add	*7.37*	
23 31 13 13-0030	LF	8" x 10", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	32.45	16.59
		For Seal Class B, Add	*4.14*	
		For Seal Class A, Add	*8.84*	
		For Work In Restricted Working Space, Add	*8.29*	
23 31 13 13-0031	LF	8" x 12", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	36.06	18.42
		For Seal Class B, Add	*4.61*	
		For Seal Class A, Add	*9.83*	
		For Work In Restricted Working Space, Add	*9.21*	
23 31 13 13-0032	LF	8" x 14", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	39.68	20.27
		For Seal Class B, Add	*5.07*	
		For Seal Class A, Add	*10.81*	
		For Work In Restricted Working Space, Add	*10.13*	
23 31 13 13-0033	LF	8" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	43.27	22.10
		For Seal Class B, Add	*5.53*	
		For Seal Class A, Add	*11.79*	
		For Work In Restricted Working Space, Add	*11.06*	
23 31 13 13-0034	LF	8" x 18", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	46.89	23.95
		For Seal Class B, Add	*5.99*	
		For Seal Class A, Add	*12.77*	
		For Work In Restricted Working Space, Add	*11.98*	
23 31 13 13-0035	LF	8" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	50.48	25.80
		For Seal Class B, Add	*6.45*	
		For Seal Class A, Add	*13.76*	
		For Work In Restricted Working Space, Add	*12.90*	
23 31 13 13-0036	LF	8" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	54.10	27.63
		For Seal Class B, Add	*6.91*	
		For Seal Class A, Add	*14.74*	
		For Work In Restricted Working Space, Add	*13.82*	
23 31 13 13-0037	LF	8" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	57.69	29.48
		For Seal Class B, Add	*7.37*	
		For Seal Class A, Add	*15.72*	
		For Work In Restricted Working Space, Add	*14.74*	
23 31 13 13-0038	LF	10" x 10", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	36.06	18.42
		For Seal Class B, Add	*4.61*	
		For Seal Class A, Add	*9.83*	
		For Work In Restricted Working Space, Add	*9.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0039	LF	10" x 12", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	39.68	20.27
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*5.07*	
		For Seal Class A, Add	*10.81*	
		For Work In Restricted Working Space, Add	*10.13*	
23 31 13 13-0040	LF	10" x 14", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	43.27	22.10
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*5.53*	
		For Seal Class A, Add	*11.79*	
		For Work In Restricted Working Space, Add	*11.06*	
23 31 13 13-0041	LF	10" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	46.89	23.95
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*5.99*	
		For Seal Class A, Add	*12.77*	
		For Work In Restricted Working Space, Add	*11.98*	
23 31 13 13-0042	LF	10" x 18", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	50.48	25.80
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*6.45*	
		For Seal Class A, Add	*13.76*	
		For Work In Restricted Working Space, Add	*12.90*	
23 31 13 13-0043	LF	10" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	54.10	27.63
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*6.91*	
		For Seal Class A, Add	*14.74*	
		For Work In Restricted Working Space, Add	*13.82*	
23 31 13 13-0044	LF	10" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	57.69	29.48
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*7.37*	
		For Seal Class A, Add	*15.72*	
		For Work In Restricted Working Space, Add	*14.74*	
23 31 13 13-0045	LF	10" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	61.32	31.32
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*7.83*	
		For Seal Class A, Add	*16.70*	
		For Work In Restricted Working Space, Add	*15.66*	
23 31 13 13-0046	LF	12" x 12", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	43.27	22.10
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*5.53*	
		For Seal Class A, Add	*11.79*	
		For Work In Restricted Working Space, Add	*11.06*	
23 31 13 13-0047	LF	12" x 14", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	46.89	23.95
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*5.99*	
		For Seal Class A, Add	*12.77*	
		For Work In Restricted Working Space, Add	*11.98*	
23 31 13 13-0048	LF	12" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	50.48	25.80
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*6.45*	
		For Seal Class A, Add	*13.76*	
		For Work In Restricted Working Space, Add	*12.90*	
23 31 13 13-0049	LF	12" x 18", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	54.10	27.63
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*6.91*	
		For Seal Class A, Add	*14.74*	
		For Work In Restricted Working Space, Add	*13.82*	
23 31 13 13-0050	LF	12" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	57.69	29.48
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*7.37*	
		For Seal Class A, Add	*15.72*	
		For Work In Restricted Working Space, Add	*14.74*	
23 31 13 13-0051	LF	12" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	61.32	31.32
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*7.83*	
		For Seal Class A, Add	*16.70*	
		For Work In Restricted Working Space, Add	*15.66*	
23 31 13 13-0052	LF	12" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	64.92	33.16
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*8.29*	
		For Seal Class A, Add	*17.69*	
		For Work In Restricted Working Space, Add	*16.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0053	LF	14" x 14", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	50.48	25.80
		For Seal Class B, Add	*6.45*	
		For Seal Class A, Add	*13.76*	
		For Work In Restricted Working Space, Add	*12.90*	
23 31 13 13-0054	LF	14" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	54.10	27.63
		For Seal Class B, Add	*6.91*	
		For Seal Class A, Add	*14.74*	
		For Work In Restricted Working Space, Add	*13.82*	
23 31 13 13-0055	LF	14" x 18", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	57.69	29.48
		For Seal Class B, Add	*7.37*	
		For Seal Class A, Add	*15.72*	
		For Work In Restricted Working Space, Add	*14.74*	
23 31 13 13-0056	LF	14" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	61.32	31.32
		For Seal Class B, Add	*7.83*	
		For Seal Class A, Add	*16.70*	
		For Work In Restricted Working Space, Add	*15.66*	
23 31 13 13-0057	LF	14" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	64.92	33.16
		For Seal Class B, Add	*8.29*	
		For Seal Class A, Add	*17.69*	
		For Work In Restricted Working Space, Add	*16.58*	
23 31 13 13-0058	LF	14" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	68.53	35.01
		For Seal Class B, Add	*8.75*	
		For Seal Class A, Add	*18.67*	
		For Work In Restricted Working Space, Add	*17.50*	
23 31 13 13-0059	LF	16" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	57.69	29.48
		For Seal Class B, Add	*7.37*	
		For Seal Class A, Add	*15.72*	
		For Work In Restricted Working Space, Add	*14.74*	
23 31 13 13-0060	LF	16" x 18", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	61.32	31.32
		For Seal Class B, Add	*7.83*	
		For Seal Class A, Add	*16.70*	
		For Work In Restricted Working Space, Add	*15.66*	
23 31 13 13-0061	LF	16" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	64.92	33.16
		For Seal Class B, Add	*8.29*	
		For Seal Class A, Add	*17.69*	
		For Work In Restricted Working Space, Add	*16.58*	
23 31 13 13-0062	LF	16" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	68.53	35.01
		For Seal Class B, Add	*8.75*	
		For Seal Class A, Add	*18.67*	
		For Work In Restricted Working Space, Add	*17.50*	
23 31 13 13-0063	LF	16" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	72.13	36.85
		For Seal Class B, Add	*9.21*	
		For Seal Class A, Add	*19.65*	
		For Work In Restricted Working Space, Add	*18.42*	
23 31 13 13-0064	LF	18" x 18", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	64.92	33.16
		For Seal Class B, Add	*8.29*	
		For Seal Class A, Add	*17.69*	
		For Work In Restricted Working Space, Add	*16.58*	
23 31 13 13-0065	LF	18" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	68.53	35.01
		For Seal Class B, Add	*8.75*	
		For Seal Class A, Add	*18.67*	
		For Work In Restricted Working Space, Add	*17.50*	
23 31 13 13-0066	LF	18" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	72.13	36.85
		For Seal Class B, Add	*9.21*	
		For Seal Class A, Add	*19.65*	
		For Work In Restricted Working Space, Add	*18.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0067	LF	18" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	75.72	38.69
		For Seal Class B, Add	*9.67*	
		For Seal Class A, Add	*20.63*	
		For Work In Restricted Working Space, Add	*19.34*	
23 31 13 13-0068	LF	20" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	72.13	36.85
		For Seal Class B, Add	*9.21*	
		For Seal Class A, Add	*19.65*	
		For Work In Restricted Working Space, Add	*18.42*	
23 31 13 13-0069	LF	20" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	75.72	38.69
		For Seal Class B, Add	*9.67*	
		For Seal Class A, Add	*20.63*	
		For Work In Restricted Working Space, Add	*19.34*	
23 31 13 13-0070	LF	20" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	79.34	40.53
		For Seal Class B, Add	*10.13*	
		For Seal Class A, Add	*21.62*	
		For Work In Restricted Working Space, Add	*20.27*	
23 31 13 13-0071	LF	22" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	79.34	40.53
		For Seal Class B, Add	*10.13*	
		For Seal Class A, Add	*21.62*	
		For Work In Restricted Working Space, Add	*20.27*	
23 31 13 13-0072	LF	22" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	82.94	42.37
		For Seal Class B, Add	*10.59*	
		For Seal Class A, Add	*22.60*	
		For Work In Restricted Working Space, Add	*21.19*	
23 31 13 13-0073	LF	24" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	86.57	44.22
		For Seal Class B, Add	*11.06*	
		For Seal Class A, Add	*23.58*	
		For Work In Restricted Working Space, Add	*22.11*	
23 31 13 13-0074		**28 Gauge Galvanized Steel Metal Ductwork Assemblies** *(23 31 13 13-0014)* Note: Seal Class C		
23 31 13 13-0075	LF	4" x 4", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	17.16	8.77
		For Seal Class B, Add	*2.19*	
		For Seal Class A, Add	*4.68*	
		For Work In Restricted Working Space, Add	*4.39*	
23 31 13 13-0076	LF	4" x 6", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	21.48	10.96
		For Seal Class B, Add	*2.74*	
		For Seal Class A, Add	*5.85*	
		For Work In Restricted Working Space, Add	*5.48*	
23 31 13 13-0077	LF	4" x 8", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	25.77	13.15
		For Seal Class B, Add	*3.29*	
		For Seal Class A, Add	*7.02*	
		For Work In Restricted Working Space, Add	*6.58*	
23 31 13 13-0078	LF	4" x 10", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	30.04	15.36
		For Seal Class B, Add	*3.84*	
		For Seal Class A, Add	*8.19*	
		For Work In Restricted Working Space, Add	*7.68*	
23 31 13 13-0079	LF	4" x 12", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	34.35	17.56
		For Seal Class B, Add	*4.39*	
		For Seal Class A, Add	*9.36*	
		For Work In Restricted Working Space, Add	*8.77*	
23 31 13 13-0080	LF	4" x 14", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	38.64	19.74
		For Seal Class B, Add	*4.94*	
		For Seal Class A, Add	*10.53*	
		For Work In Restricted Working Space, Add	*9.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0081	LF	4" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	42.93	21.94
		For Seal Class B, Add	*5.48*	
		For Seal Class A, Add	*11.70*	
		For Work In Restricted Working Space, Add	*10.97*	
23 31 13 13-0082	LF	6" x 6", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	25.77	13.15
		For Seal Class B, Add	*3.29*	
		For Seal Class A, Add	*7.02*	
		For Work In Restricted Working Space, Add	*6.58*	
23 31 13 13-0083	LF	6" x 8", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	30.04	15.36
		For Seal Class B, Add	*3.84*	
		For Seal Class A, Add	*8.19*	
		For Work In Restricted Working Space, Add	*7.68*	
23 31 13 13-0084	LF	6" x 10", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	34.35	17.56
		For Seal Class B, Add	*4.39*	
		For Seal Class A, Add	*9.36*	
		For Work In Restricted Working Space, Add	*8.77*	
23 31 13 13-0085	LF	6" x 12", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	38.64	19.74
		For Seal Class B, Add	*4.94*	
		For Seal Class A, Add	*10.53*	
		For Work In Restricted Working Space, Add	*9.87*	
23 31 13 13-0086	LF	6" x 14", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	42.93	21.94
		For Seal Class B, Add	*5.48*	
		For Seal Class A, Add	*11.70*	
		For Work In Restricted Working Space, Add	*10.97*	
23 31 13 13-0087	LF	6" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	47.24	24.13
		For Seal Class B, Add	*6.03*	
		For Seal Class A, Add	*12.87*	
		For Work In Restricted Working Space, Add	*12.07*	
23 31 13 13-0088	LF	8" x 8", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	34.35	17.56
		For Seal Class B, Add	*4.39*	
		For Seal Class A, Add	*9.36*	
		For Work In Restricted Working Space, Add	*8.77*	
23 31 13 13-0089	LF	8" x 10", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	38.64	19.74
		For Seal Class B, Add	*4.94*	
		For Seal Class A, Add	*10.53*	
		For Work In Restricted Working Space, Add	*9.87*	
23 31 13 13-0090	LF	8" x 12", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	42.93	21.94
		For Seal Class B, Add	*5.48*	
		For Seal Class A, Add	*11.70*	
		For Work In Restricted Working Space, Add	*10.97*	
23 31 13 13-0091	LF	8" x 14", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	47.24	24.13
		For Seal Class B, Add	*6.03*	
		For Seal Class A, Add	*12.87*	
		For Work In Restricted Working Space, Add	*12.07*	
23 31 13 13-0092	LF	8" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	51.52	26.32
		For Seal Class B, Add	*6.58*	
		For Seal Class A, Add	*14.04*	
		For Work In Restricted Working Space, Add	*13.16*	
23 31 13 13-0093	LF	8" x 18", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	55.80	28.51
		For Seal Class B, Add	*7.13*	
		For Seal Class A, Add	*15.21*	
		For Work In Restricted Working Space, Add	*14.26*	
23 31 13 13-0094	LF	8" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	60.12	30.71
		For Seal Class B, Add	*7.68*	
		For Seal Class A, Add	*16.38*	
		For Work In Restricted Working Space, Add	*15.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0095	LF	8" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	64.39	32.90
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*8.22*	
		For Seal Class A, Add	*17.55*	
		For Work In Restricted Working Space, Add	*16.45*	
23 31 13 13-0096	LF	8" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	68.71	35.09
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*8.77*	
		For Seal Class A, Add	*18.72*	
		For Work In Restricted Working Space, Add	*17.55*	
23 31 13 13-0097	LF	10" x 10", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	42.93	21.94
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*5.48*	
		For Seal Class A, Add	*11.70*	
		For Work In Restricted Working Space, Add	*10.97*	
23 31 13 13-0098	LF	10" x 12", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	47.24	24.13
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*6.03*	
		For Seal Class A, Add	*12.87*	
		For Work In Restricted Working Space, Add	*12.07*	
23 31 13 13-0099	LF	10" x 14", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	51.52	26.32
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*6.58*	
		For Seal Class A, Add	*14.04*	
		For Work In Restricted Working Space, Add	*13.16*	
23 31 13 13-0100	LF	10" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	55.80	28.51
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*7.13*	
		For Seal Class A, Add	*15.21*	
		For Work In Restricted Working Space, Add	*14.26*	
23 31 13 13-0101	LF	10" x 18", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	60.12	30.71
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*7.68*	
		For Seal Class A, Add	*16.38*	
		For Work In Restricted Working Space, Add	*15.35*	
23 31 13 13-0102	LF	10" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	64.39	32.90
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*8.22*	
		For Seal Class A, Add	*17.55*	
		For Work In Restricted Working Space, Add	*16.45*	
23 31 13 13-0103	LF	10" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	68.71	35.09
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*8.77*	
		For Seal Class A, Add	*18.72*	
		For Work In Restricted Working Space, Add	*17.55*	
23 31 13 13-0104	LF	10" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	73.01	37.29
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*9.32*	
		For Seal Class A, Add	*19.89*	
		For Work In Restricted Working Space, Add	*18.65*	
23 31 13 13-0105	LF	12" x 12", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	51.52	26.32
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*6.58*	
		For Seal Class A, Add	*14.04*	
		For Work In Restricted Working Space, Add	*13.16*	
23 31 13 13-0106	LF	12" x 14", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	55.80	28.51
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*7.13*	
		For Seal Class A, Add	*15.21*	
		For Work In Restricted Working Space, Add	*14.26*	
23 31 13 13-0107	LF	12" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	60.12	30.71
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*7.68*	
		For Seal Class A, Add	*16.38*	
		For Work In Restricted Working Space, Add	*15.35*	
23 31 13 13-0108	LF	12" x 18", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	64.39	32.90
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*8.22*	
		For Seal Class A, Add	*17.55*	
		For Work In Restricted Working Space, Add	*16.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0109	LF	12" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	68.71	35.09
		For Seal Class B, Add	*8.77*	
		For Seal Class A, Add	*18.72*	
		For Work In Restricted Working Space, Add	*17.55*	
23 31 13 13-0110	LF	12" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	73.01	37.29
		For Seal Class B, Add	*9.32*	
		For Seal Class A, Add	*19.89*	
		For Work In Restricted Working Space, Add	*18.65*	
23 31 13 13-0111	LF	12" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	77.28	39.47
		For Seal Class B, Add	*9.87*	
		For Seal Class A, Add	*21.06*	
		For Work In Restricted Working Space, Add	*19.74*	
23 31 13 13-0112	LF	14" x 14", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	60.12	30.71
		For Seal Class B, Add	*7.68*	
		For Seal Class A, Add	*16.38*	
		For Work In Restricted Working Space, Add	*15.35*	
23 31 13 13-0113	LF	14" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	64.39	32.90
		For Seal Class B, Add	*8.22*	
		For Seal Class A, Add	*17.55*	
		For Work In Restricted Working Space, Add	*16.45*	
23 31 13 13-0114	LF	14" x 18", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	68.71	35.09
		For Seal Class B, Add	*8.77*	
		For Seal Class A, Add	*18.72*	
		For Work In Restricted Working Space, Add	*17.55*	
23 31 13 13-0115	LF	14" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	73.01	37.29
		For Seal Class B, Add	*9.32*	
		For Seal Class A, Add	*19.89*	
		For Work In Restricted Working Space, Add	*18.65*	
23 31 13 13-0116	LF	14" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	77.28	39.47
		For Seal Class B, Add	*9.87*	
		For Seal Class A, Add	*21.06*	
		For Work In Restricted Working Space, Add	*19.74*	
23 31 13 13-0117	LF	14" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	81.59	41.67
		For Seal Class B, Add	*10.42*	
		For Seal Class A, Add	*22.23*	
		For Work In Restricted Working Space, Add	*20.84*	
23 31 13 13-0118	LF	16" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	68.71	35.09
		For Seal Class B, Add	*8.77*	
		For Seal Class A, Add	*18.72*	
		For Work In Restricted Working Space, Add	*17.55*	
23 31 13 13-0119	LF	16" x 18", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	73.01	37.29
		For Seal Class B, Add	*9.32*	
		For Seal Class A, Add	*19.89*	
		For Work In Restricted Working Space, Add	*18.65*	
23 31 13 13-0120	LF	16" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	77.28	39.47
		For Seal Class B, Add	*9.87*	
		For Seal Class A, Add	*21.06*	
		For Work In Restricted Working Space, Add	*19.74*	
23 31 13 13-0121	LF	16" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	81.59	41.67
		For Seal Class B, Add	*10.42*	
		For Seal Class A, Add	*22.23*	
		For Work In Restricted Working Space, Add	*20.84*	
23 31 13 13-0122	LF	16" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	85.87	43.87
		For Seal Class B, Add	*10.97*	
		For Seal Class A, Add	*23.40*	
		For Work In Restricted Working Space, Add	*21.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0123	LF	18" x 18", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	77.28	39.47
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*9.87*	
		For Seal Class A, Add	*21.06*	
		For Work In Restricted Working Space, Add	*19.74*	
23 31 13 13-0124	LF	18" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	81.59	41.67
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*10.42*	
		For Seal Class A, Add	*22.23*	
		For Work In Restricted Working Space, Add	*20.84*	
23 31 13 13-0125	LF	18" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	85.87	43.87
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*10.97*	
		For Seal Class A, Add	*23.40*	
		For Work In Restricted Working Space, Add	*21.93*	
23 31 13 13-0126	LF	18" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	90.16	46.07
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*11.52*	
		For Seal Class A, Add	*24.57*	
		For Work In Restricted Working Space, Add	*23.03*	
23 31 13 13-0127	LF	20" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	85.87	43.87
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*10.97*	
		For Seal Class A, Add	*23.40*	
		For Work In Restricted Working Space, Add	*21.93*	
23 31 13 13-0128	LF	20" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	90.16	46.07
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*11.52*	
		For Seal Class A, Add	*24.57*	
		For Work In Restricted Working Space, Add	*23.03*	
23 31 13 13-0129	LF	20" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	94.47	48.26
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*12.06*	
		For Seal Class A, Add	*25.74*	
		For Work In Restricted Working Space, Add	*24.13*	
23 31 13 13-0130	LF	22" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	94.47	48.26
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*12.06*	
		For Seal Class A, Add	*25.74*	
		For Work In Restricted Working Space, Add	*24.13*	
23 31 13 13-0131	LF	22" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	98.74	50.45
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*12.61*	
		For Seal Class A, Add	*26.90*	
		For Work In Restricted Working Space, Add	*25.22*	
23 31 13 13-0132	LF	24" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	103.04	52.65
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*13.16*	
		For Seal Class A, Add	*28.08*	
		For Work In Restricted Working Space, Add	*26.32*	

23 31 13 13-0133 26 Gauge Galvanized Steel Metal Ductwork Assemblies *(23 31 13 13-0014)*

Note: Seal Class C

23 31 13 13-0134	LF	4" x 4", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	19.93	10.17
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*2.55*	
		For Seal Class A, Add	*5.43*	
		For Work In Restricted Working Space, Add	*5.09*	
23 31 13 13-0135	LF	4" x 6", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	24.90	12.72
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*3.18*	
		For Seal Class A, Add	*6.78*	
		For Work In Restricted Working Space, Add	*6.36*	
23 31 13 13-0136	LF	4" x 8", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	29.88	15.27
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*3.82*	
		For Seal Class A, Add	*8.14*	
		For Work In Restricted Working Space, Add	*7.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0137	LF	4" x 10", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	34.86	17.82
		For Seal Class B, Add	*4.45*	
		For Seal Class A, Add	*9.50*	
		For Work In Restricted Working Space, Add	*8.90*	
23 31 13 13-0138	LF	4" x 12", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	39.84	20.36
		For Seal Class B, Add	*5.09*	
		For Seal Class A, Add	*10.85*	
		For Work In Restricted Working Space, Add	*10.18*	
23 31 13 13-0139	LF	4" x 14", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	44.82	22.90
		For Seal Class B, Add	*5.72*	
		For Seal Class A, Add	*12.21*	
		For Work In Restricted Working Space, Add	*11.45*	
23 31 13 13-0140	LF	4" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	49.80	25.44
		For Seal Class B, Add	*6.36*	
		For Seal Class A, Add	*13.57*	
		For Work In Restricted Working Space, Add	*12.72*	
23 31 13 13-0141	LF	6" x 6", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	29.88	15.27
		For Seal Class B, Add	*3.82*	
		For Seal Class A, Add	*8.14*	
		For Work In Restricted Working Space, Add	*7.63*	
23 31 13 13-0142	LF	6" x 8", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	34.86	17.82
		For Seal Class B, Add	*4.45*	
		For Seal Class A, Add	*9.50*	
		For Work In Restricted Working Space, Add	*8.90*	
23 31 13 13-0143	LF	6" x 10", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	39.84	20.36
		For Seal Class B, Add	*5.09*	
		For Seal Class A, Add	*10.85*	
		For Work In Restricted Working Space, Add	*10.18*	
23 31 13 13-0144	LF	6" x 12", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	44.82	22.90
		For Seal Class B, Add	*5.72*	
		For Seal Class A, Add	*12.21*	
		For Work In Restricted Working Space, Add	*11.45*	
23 31 13 13-0145	LF	6" x 14", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	49.80	25.44
		For Seal Class B, Add	*6.36*	
		For Seal Class A, Add	*13.57*	
		For Work In Restricted Working Space, Add	*12.72*	
23 31 13 13-0146	LF	6" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	54.80	27.99
		For Seal Class B, Add	*7.00*	
		For Seal Class A, Add	*14.93*	
		For Work In Restricted Working Space, Add	*14.00*	
23 31 13 13-0147	LF	8" x 8", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	39.84	20.36
		For Seal Class B, Add	*5.09*	
		For Seal Class A, Add	*10.85*	
		For Work In Restricted Working Space, Add	*10.18*	
23 31 13 13-0148	LF	8" x 10", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	44.82	22.90
		For Seal Class B, Add	*5.72*	
		For Seal Class A, Add	*12.21*	
		For Work In Restricted Working Space, Add	*11.45*	
23 31 13 13-0149	LF	8" x 12", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	49.81	25.44
		For Seal Class B, Add	*6.36*	
		For Seal Class A, Add	*13.57*	
		For Work In Restricted Working Space, Add	*12.72*	
23 31 13 13-0150	LF	8" x 14", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	54.80	27.99
		For Seal Class B, Add	*7.00*	
		For Seal Class A, Add	*14.93*	
		For Work In Restricted Working Space, Add	*14.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0151	LF	8" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	59.78	30.53
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*7.64*	
		For Seal Class A, Add	*16.29*	
		For Work In Restricted Working Space, Add	*15.27*	
23 31 13 13-0152	LF	8" x 18", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	64.76	33.08
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*8.27*	
		For Seal Class A, Add	*17.64*	
		For Work In Restricted Working Space, Add	*16.54*	
23 31 13 13-0153	LF	8" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	69.72	35.62
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*8.91*	
		For Seal Class A, Add	*19.00*	
		For Work In Restricted Working Space, Add	*17.81*	
23 31 13 13-0154	LF	8" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	74.72	38.16
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*9.54*	
		For Seal Class A, Add	*20.36*	
		For Work In Restricted Working Space, Add	*19.08*	
23 31 13 13-0155	LF	8" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	79.69	40.70
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*10.18*	
		For Seal Class A, Add	*21.71*	
		For Work In Restricted Working Space, Add	*20.36*	
23 31 13 13-0156	LF	10" x 10", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	49.81	25.44
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*6.36*	
		For Seal Class A, Add	*13.57*	
		For Work In Restricted Working Space, Add	*12.72*	
23 31 13 13-0157	LF	10" x 12", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	54.79	27.99
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*7.00*	
		For Seal Class A, Add	*14.93*	
		For Work In Restricted Working Space, Add	*14.00*	
23 31 13 13-0158	LF	10" x 14", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	59.78	30.53
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*7.64*	
		For Seal Class A, Add	*16.29*	
		For Work In Restricted Working Space, Add	*15.27*	
23 31 13 13-0159	LF	10" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	64.76	33.08
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*8.27*	
		For Seal Class A, Add	*17.64*	
		For Work In Restricted Working Space, Add	*16.54*	
23 31 13 13-0160	LF	10" x 18", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	69.72	35.62
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*8.91*	
		For Seal Class A, Add	*19.00*	
		For Work In Restricted Working Space, Add	*17.81*	
23 31 13 13-0161	LF	10" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	74.72	38.16
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*9.54*	
		For Seal Class A, Add	*20.36*	
		For Work In Restricted Working Space, Add	*19.08*	
23 31 13 13-0162	LF	10" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	79.69	40.70
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*10.18*	
		For Seal Class A, Add	*21.71*	
		For Work In Restricted Working Space, Add	*20.36*	
23 31 13 13-0163	LF	10" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	84.68	43.26
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*10.82*	
		For Seal Class A, Add	*23.07*	
		For Work In Restricted Working Space, Add	*21.63*	
23 31 13 13-0164	LF	12" x 12", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	59.78	30.53
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*7.64*	
		For Seal Class A, Add	*16.29*	
		For Work In Restricted Working Space, Add	*15.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0165	LF	12" x 14", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	64.76	33.08
		For Seal Class B, Add	*8.27*	
		For Seal Class A, Add	*17.64*	
		For Work In Restricted Working Space, Add	*16.54*	
23 31 13 13-0166	LF	12" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	69.72	35.62
		For Seal Class B, Add	*8.91*	
		For Seal Class A, Add	*19.00*	
		For Work In Restricted Working Space, Add	*17.81*	
23 31 13 13-0167	LF	12" x 18", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	74.72	38.16
		For Seal Class B, Add	*9.54*	
		For Seal Class A, Add	*20.36*	
		For Work In Restricted Working Space, Add	*19.08*	
23 31 13 13-0168	LF	12" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	79.69	40.70
		For Seal Class B, Add	*10.18*	
		For Seal Class A, Add	*21.71*	
		For Work In Restricted Working Space, Add	*20.36*	
23 31 13 13-0169	LF	12" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	84.68	43.26
		For Seal Class B, Add	*10.82*	
		For Seal Class A, Add	*23.07*	
		For Work In Restricted Working Space, Add	*21.63*	
23 31 13 13-0170	LF	12" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	89.65	45.81
		For Seal Class B, Add	*11.45*	
		For Seal Class A, Add	*24.43*	
		For Work In Restricted Working Space, Add	*22.90*	
23 31 13 13-0171	LF	14" x 14", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	69.72	35.62
		For Seal Class B, Add	*8.91*	
		For Seal Class A, Add	*19.00*	
		For Work In Restricted Working Space, Add	*17.81*	
23 31 13 13-0172	LF	14" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	74.72	38.16
		For Seal Class B, Add	*9.54*	
		For Seal Class A, Add	*20.36*	
		For Work In Restricted Working Space, Add	*19.08*	
23 31 13 13-0173	LF	14" x 18", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	79.69	40.70
		For Seal Class B, Add	*10.18*	
		For Seal Class A, Add	*21.71*	
		For Work In Restricted Working Space, Add	*20.36*	
23 31 13 13-0174	LF	14" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	84.68	43.26
		For Seal Class B, Add	*10.82*	
		For Seal Class A, Add	*23.07*	
		For Work In Restricted Working Space, Add	*21.63*	
23 31 13 13-0175	LF	14" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	89.65	45.81
		For Seal Class B, Add	*11.45*	
		For Seal Class A, Add	*24.43*	
		For Work In Restricted Working Space, Add	*22.90*	
23 31 13 13-0176	LF	14" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	94.65	48.35
		For Seal Class B, Add	*12.09*	
		For Seal Class A, Add	*25.79*	
		For Work In Restricted Working Space, Add	*24.17*	
23 31 13 13-0177	LF	16" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	79.69	40.70
		For Seal Class B, Add	*10.18*	
		For Seal Class A, Add	*21.71*	
		For Work In Restricted Working Space, Add	*20.36*	
23 31 13 13-0178	LF	16" x 18", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	84.68	43.26
		For Seal Class B, Add	*10.82*	
		For Seal Class A, Add	*23.07*	
		For Work In Restricted Working Space, Add	*21.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0179	LF	16" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	89.65	45.81
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*11.45*	
		For Seal Class A, Add	*24.43*	
		For Work In Restricted Working Space, Add	*22.90*	
23 31 13 13-0180	LF	16" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	94.65	48.35
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*12.09*	
		For Seal Class A, Add	*25.79*	
		For Work In Restricted Working Space, Add	*24.17*	
23 31 13 13-0181	LF	16" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	99.62	50.90
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*12.72*	
		For Seal Class A, Add	*27.14*	
		For Work In Restricted Working Space, Add	*25.45*	
23 31 13 13-0182	LF	18" x 18", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	89.65	45.81
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*11.45*	
		For Seal Class A, Add	*24.43*	
		For Work In Restricted Working Space, Add	*22.90*	
23 31 13 13-0183	LF	18" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	94.65	48.35
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*12.09*	
		For Seal Class A, Add	*25.79*	
		For Work In Restricted Working Space, Add	*24.17*	
23 31 13 13-0184	LF	18" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	99.62	50.90
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*12.72*	
		For Seal Class A, Add	*27.14*	
		For Work In Restricted Working Space, Add	*25.45*	
23 31 13 13-0185	LF	18" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	104.60	53.43
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*13.36*	
		For Seal Class A, Add	*28.50*	
		For Work In Restricted Working Space, Add	*26.72*	
23 31 13 13-0186	LF	20" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	99.62	50.90
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*12.72*	
		For Seal Class A, Add	*27.14*	
		For Work In Restricted Working Space, Add	*25.45*	
23 31 13 13-0187	LF	20" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	104.60	53.43
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*13.36*	
		For Seal Class A, Add	*28.50*	
		For Work In Restricted Working Space, Add	*26.72*	
23 31 13 13-0188	LF	20" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	109.57	55.98
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*14.00*	
		For Seal Class A, Add	*29.86*	
		For Work In Restricted Working Space, Add	*27.99*	
23 31 13 13-0189	LF	22" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	109.57	55.98
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*14.00*	
		For Seal Class A, Add	*29.86*	
		For Work In Restricted Working Space, Add	*27.99*	
23 31 13 13-0190	LF	22" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	114.56	58.52
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*14.63*	
		For Seal Class A, Add	*31.21*	
		For Work In Restricted Working Space, Add	*29.26*	
23 31 13 13-0191	LF	24" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	119.55	61.07
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*15.27*	
		For Seal Class A, Add	*32.57*	
		For Work In Restricted Working Space, Add	*30.53*	

23 31 13 13-0192 24 Gauge Galvanized Steel Metal Ductwork Assemblies *(23 31 13 13-0014)*
Note: Seal Class C

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0193	LF	4" x 4", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	30.11	15.79
		For Seal Class B, Add	*3.95*	
		For Seal Class A, Add	*8.43*	
		For Work In Restricted Working Space, Add	*7.90*	
23 31 13 13-0194	LF	4" x 6", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	37.63	19.74
		For Seal Class B, Add	*4.94*	
		For Seal Class A, Add	*10.53*	
		For Work In Restricted Working Space, Add	*9.87*	
23 31 13 13-0195	LF	4" x 8", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	45.16	23.69
		For Seal Class B, Add	*5.92*	
		For Seal Class A, Add	*12.64*	
		For Work In Restricted Working Space, Add	*11.85*	
23 31 13 13-0196	LF	4" x 10", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	52.68	27.64
		For Seal Class B, Add	*6.91*	
		For Seal Class A, Add	*14.74*	
		For Work In Restricted Working Space, Add	*13.82*	
23 31 13 13-0197	LF	4" x 12", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	60.20	31.60
		For Seal Class B, Add	*7.90*	
		For Seal Class A, Add	*16.85*	
		For Work In Restricted Working Space, Add	*15.80*	
23 31 13 13-0198	LF	4" x 14", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	67.73	35.54
		For Seal Class B, Add	*8.88*	
		For Seal Class A, Add	*18.95*	
		For Work In Restricted Working Space, Add	*17.77*	
23 31 13 13-0199	LF	4" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	75.26	39.49
		For Seal Class B, Add	*9.87*	
		For Seal Class A, Add	*21.06*	
		For Work In Restricted Working Space, Add	*19.75*	
23 31 13 13-0200	LF	6" x 6", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	45.16	23.69
		For Seal Class B, Add	*5.92*	
		For Seal Class A, Add	*12.64*	
		For Work In Restricted Working Space, Add	*11.85*	
23 31 13 13-0201	LF	6" x 8", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	52.68	27.64
		For Seal Class B, Add	*6.91*	
		For Seal Class A, Add	*14.74*	
		For Work In Restricted Working Space, Add	*13.82*	
23 31 13 13-0202	LF	6" x 10", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	60.20	31.60
		For Seal Class B, Add	*7.90*	
		For Seal Class A, Add	*16.85*	
		For Work In Restricted Working Space, Add	*15.80*	
23 31 13 13-0203	LF	6" x 12", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	67.73	35.54
		For Seal Class B, Add	*8.88*	
		For Seal Class A, Add	*18.95*	
		For Work In Restricted Working Space, Add	*17.77*	
23 31 13 13-0204	LF	6" x 14", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	75.26	39.49
		For Seal Class B, Add	*9.87*	
		For Seal Class A, Add	*21.06*	
		For Work In Restricted Working Space, Add	*19.75*	
23 31 13 13-0205	LF	6" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	82.79	43.44
		For Seal Class B, Add	*10.86*	
		For Seal Class A, Add	*23.17*	
		For Work In Restricted Working Space, Add	*21.72*	
23 31 13 13-0206	LF	8" x 8", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	60.20	31.60
		For Seal Class B, Add	*7.90*	
		For Seal Class A, Add	*16.85*	
		For Work In Restricted Working Space, Add	*15.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0207	LF	8" x 10", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	67.73	35.54
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*8.88*	
		For Seal Class A, Add	*18.95*	
		For Work In Restricted Working Space, Add	*17.77*	
23 31 13 13-0208	LF	8" x 12", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	75.26	39.49
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*9.87*	
		For Seal Class A, Add	*21.06*	
		For Work In Restricted Working Space, Add	*19.75*	
23 31 13 13-0209	LF	8" x 14", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	82.79	43.44
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*10.86*	
		For Seal Class A, Add	*23.17*	
		For Work In Restricted Working Space, Add	*21.72*	
23 31 13 13-0210	LF	8" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	90.31	47.38
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*11.85*	
		For Seal Class A, Add	*25.27*	
		For Work In Restricted Working Space, Add	*23.69*	
23 31 13 13-0211	LF	8" x 18", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	97.82	51.34
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*12.83*	
		For Seal Class A, Add	*27.38*	
		For Work In Restricted Working Space, Add	*25.67*	
23 31 13 13-0212	LF	8" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	105.36	55.29
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*13.82*	
		For Seal Class A, Add	*29.48*	
		For Work In Restricted Working Space, Add	*27.64*	
23 31 13 13-0213	LF	8" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	112.88	59.23
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*14.81*	
		For Seal Class A, Add	*31.59*	
		For Work In Restricted Working Space, Add	*29.62*	
23 31 13 13-0214	LF	8" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	120.41	63.18
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*15.80*	
		For Seal Class A, Add	*33.70*	
		For Work In Restricted Working Space, Add	*31.59*	
23 31 13 13-0215	LF	10" x 10", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	75.26	39.49
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*9.87*	
		For Seal Class A, Add	*21.06*	
		For Work In Restricted Working Space, Add	*19.75*	
23 31 13 13-0216	LF	10" x 12", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	82.79	43.44
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*10.86*	
		For Seal Class A, Add	*23.17*	
		For Work In Restricted Working Space, Add	*21.72*	
23 31 13 13-0217	LF	10" x 14", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	90.31	47.38
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*11.85*	
		For Seal Class A, Add	*25.27*	
		For Work In Restricted Working Space, Add	*23.69*	
23 31 13 13-0218	LF	10" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	97.82	51.34
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*12.83*	
		For Seal Class A, Add	*27.38*	
		For Work In Restricted Working Space, Add	*25.67*	
23 31 13 13-0219	LF	10" x 18", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	105.36	55.29
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*13.82*	
		For Seal Class A, Add	*29.48*	
		For Work In Restricted Working Space, Add	*27.64*	
23 31 13 13-0220	LF	10" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	112.88	59.23
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*14.81*	
		For Seal Class A, Add	*31.59*	
		For Work In Restricted Working Space, Add	*29.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0221	LF	10" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	120.41	63.18
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*15.80*	
		For Seal Class A, Add	*33.70*	
		For Work In Restricted Working Space, Add	*31.59*	
23 31 13 13-0222	LF	10" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	127.93	67.13
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*16.78*	
		For Seal Class A, Add	*35.80*	
		For Work In Restricted Working Space, Add	*33.56*	
23 31 13 13-0223	LF	10" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	135.47	71.07
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*17.77*	
		For Seal Class A, Add	*37.91*	
		For Work In Restricted Working Space, Add	*35.54*	
23 31 13 13-0224	LF	10" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	142.99	75.03
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*18.76*	
		For Seal Class A, Add	*40.02*	
		For Work In Restricted Working Space, Add	*37.52*	
23 31 13 13-0225	LF	10" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	150.50	78.98
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*19.74*	
		For Seal Class A, Add	*42.12*	
		For Work In Restricted Working Space, Add	*39.49*	
23 31 13 13-0226	LF	12" x 12", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	90.31	47.38
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*11.85*	
		For Seal Class A, Add	*25.27*	
		For Work In Restricted Working Space, Add	*23.69*	
23 31 13 13-0227	LF	12" x 14", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	97.82	51.34
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*12.83*	
		For Seal Class A, Add	*27.38*	
		For Work In Restricted Working Space, Add	*25.67*	
23 31 13 13-0228	LF	12" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	105.36	55.29
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*13.82*	
		For Seal Class A, Add	*29.48*	
		For Work In Restricted Working Space, Add	*27.64*	
23 31 13 13-0229	LF	12" x 18", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	112.88	59.23
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*14.81*	
		For Seal Class A, Add	*31.59*	
		For Work In Restricted Working Space, Add	*29.62*	
23 31 13 13-0230	LF	12" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	120.41	63.18
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*15.80*	
		For Seal Class A, Add	*33.70*	
		For Work In Restricted Working Space, Add	*31.59*	
23 31 13 13-0231	LF	12" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	127.93	67.13
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*16.78*	
		For Seal Class A, Add	*35.80*	
		For Work In Restricted Working Space, Add	*33.56*	
23 31 13 13-0232	LF	12" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	135.47	71.07
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*17.77*	
		For Seal Class A, Add	*37.91*	
		For Work In Restricted Working Space, Add	*35.54*	
23 31 13 13-0233	LF	12" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	142.99	75.03
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*18.76*	
		For Seal Class A, Add	*40.02*	
		For Work In Restricted Working Space, Add	*37.52*	
23 31 13 13-0234	LF	12" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	150.50	78.98
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*19.74*	
		For Seal Class A, Add	*42.12*	
		For Work In Restricted Working Space, Add	*39.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0235	LF	12" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	158.03	82.93
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*20.73*	
		For Seal Class A, Add	*44.22*	
		For Work In Restricted Working Space, Add	*41.46*	
23 31 13 13-0236	LF	14" x 14", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	105.36	55.29
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*13.82*	
		For Seal Class A, Add	*29.48*	
		For Work In Restricted Working Space, Add	*27.64*	
23 31 13 13-0237	LF	14" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	112.88	59.23
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*14.81*	
		For Seal Class A, Add	*31.59*	
		For Work In Restricted Working Space, Add	*29.62*	
23 31 13 13-0238	LF	14" x 18", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	120.41	63.18
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*15.80*	
		For Seal Class A, Add	*33.70*	
		For Work In Restricted Working Space, Add	*31.59*	
23 31 13 13-0239	LF	14" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	127.93	67.13
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*16.78*	
		For Seal Class A, Add	*35.80*	
		For Work In Restricted Working Space, Add	*33.56*	
23 31 13 13-0240	LF	14" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	135.47	71.07
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*17.77*	
		For Seal Class A, Add	*37.91*	
		For Work In Restricted Working Space, Add	*35.54*	
23 31 13 13-0241	LF	14" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	142.99	75.03
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*18.76*	
		For Seal Class A, Add	*40.02*	
		For Work In Restricted Working Space, Add	*37.52*	
23 31 13 13-0242	LF	14" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	150.50	78.98
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*19.74*	
		For Seal Class A, Add	*42.12*	
		For Work In Restricted Working Space, Add	*39.49*	
23 31 13 13-0243	LF	14" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	158.03	82.93
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*20.73*	
		For Seal Class A, Add	*44.22*	
		For Work In Restricted Working Space, Add	*41.46*	
23 31 13 13-0244	LF	14" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	165.55	86.87
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*21.72*	
		For Seal Class A, Add	*46.33*	
		For Work In Restricted Working Space, Add	*43.43*	
23 31 13 13-0245	LF	16" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	120.41	63.18
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*15.80*	
		For Seal Class A, Add	*33.70*	
		For Work In Restricted Working Space, Add	*31.59*	
23 31 13 13-0246	LF	16" x 18", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	127.93	67.13
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*16.78*	
		For Seal Class A, Add	*35.80*	
		For Work In Restricted Working Space, Add	*33.56*	
23 31 13 13-0247	LF	16" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	135.47	71.07
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*17.77*	
		For Seal Class A, Add	*37.91*	
		For Work In Restricted Working Space, Add	*35.54*	
23 31 13 13-0248	LF	16" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	142.99	75.03
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*18.76*	
		For Seal Class A, Add	*40.02*	
		For Work In Restricted Working Space, Add	*37.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0249	LF	16" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	150.50	78.98
		For Seal Class B, Add	*19.74*	
		For Seal Class A, Add	*42.12*	
		For Work In Restricted Working Space, Add	*39.49*	
23 31 13 13-0250	LF	16" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	158.03	82.93
		For Seal Class B, Add	*20.73*	
		For Seal Class A, Add	*44.22*	
		For Work In Restricted Working Space, Add	*41.46*	
23 31 13 13-0251	LF	16" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	165.55	86.87
		For Seal Class B, Add	*21.72*	
		For Seal Class A, Add	*46.33*	
		For Work In Restricted Working Space, Add	*43.43*	
23 31 13 13-0252	LF	16" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	173.09	90.82
		For Seal Class B, Add	*22.71*	
		For Seal Class A, Add	*48.44*	
		For Work In Restricted Working Space, Add	*45.41*	
23 31 13 13-0253	LF	18" x 18", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	135.47	71.07
		For Seal Class B, Add	*17.77*	
		For Seal Class A, Add	*37.91*	
		For Work In Restricted Working Space, Add	*35.54*	
23 31 13 13-0254	LF	18" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	142.99	75.03
		For Seal Class B, Add	*18.76*	
		For Seal Class A, Add	*40.02*	
		For Work In Restricted Working Space, Add	*37.52*	
23 31 13 13-0255	LF	18" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	150.50	78.98
		For Seal Class B, Add	*19.74*	
		For Seal Class A, Add	*42.12*	
		For Work In Restricted Working Space, Add	*39.49*	
23 31 13 13-0256	LF	18" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	158.03	82.93
		For Seal Class B, Add	*20.73*	
		For Seal Class A, Add	*44.22*	
		For Work In Restricted Working Space, Add	*41.46*	
23 31 13 13-0257	LF	18" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	165.55	86.87
		For Seal Class B, Add	*21.72*	
		For Seal Class A, Add	*46.33*	
		For Work In Restricted Working Space, Add	*43.43*	
23 31 13 13-0258	LF	18" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	173.09	90.82
		For Seal Class B, Add	*22.71*	
		For Seal Class A, Add	*48.44*	
		For Work In Restricted Working Space, Add	*45.41*	
23 31 13 13-0259	LF	18" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	180.61	94.78
		For Seal Class B, Add	*23.69*	
		For Seal Class A, Add	*50.54*	
		For Work In Restricted Working Space, Add	*47.39*	
23 31 13 13-0260	LF	20" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	150.50	78.98
		For Seal Class B, Add	*19.74*	
		For Seal Class A, Add	*42.12*	
		For Work In Restricted Working Space, Add	*39.49*	
23 31 13 13-0261	LF	20" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	158.03	82.93
		For Seal Class B, Add	*20.73*	
		For Seal Class A, Add	*44.22*	
		For Work In Restricted Working Space, Add	*41.46*	
23 31 13 13-0262	LF	20" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	165.55	86.87
		For Seal Class B, Add	*21.72*	
		For Seal Class A, Add	*46.33*	
		For Work In Restricted Working Space, Add	*43.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0263	LF	20" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	173.09	90.82
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*22.71*	
		For Seal Class A, Add	*48.44*	
		For Work In Restricted Working Space, Add	*45.41*	
23 31 13 13-0264	LF	20" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	180.61	94.78
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*23.69*	
		For Seal Class A, Add	*50.54*	
		For Work In Restricted Working Space, Add	*47.39*	
23 31 13 13-0265	LF	20" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	188.13	98.72
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*24.68*	
		For Seal Class A, Add	*52.65*	
		For Work In Restricted Working Space, Add	*49.36*	
23 31 13 13-0266	LF	22" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	165.55	86.87
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*21.72*	
		For Seal Class A, Add	*46.33*	
		For Work In Restricted Working Space, Add	*43.43*	
23 31 13 13-0267	LF	22" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	173.09	90.82
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*22.71*	
		For Seal Class A, Add	*48.44*	
		For Work In Restricted Working Space, Add	*45.41*	
23 31 13 13-0268	LF	22" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	180.61	94.78
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*23.69*	
		For Seal Class A, Add	*50.54*	
		For Work In Restricted Working Space, Add	*47.39*	
23 31 13 13-0269	LF	22" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	188.13	98.72
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*24.68*	
		For Seal Class A, Add	*52.65*	
		For Work In Restricted Working Space, Add	*49.36*	
23 31 13 13-0270	LF	22" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	195.67	102.67
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*25.67*	
		For Seal Class A, Add	*54.76*	
		For Work In Restricted Working Space, Add	*51.34*	
23 31 13 13-0271	LF	24" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	180.61	94.78
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*23.69*	
		For Seal Class A, Add	*50.54*	
		For Work In Restricted Working Space, Add	*47.39*	
23 31 13 13-0272	LF	24" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	188.13	98.72
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*24.68*	
		For Seal Class A, Add	*52.65*	
		For Work In Restricted Working Space, Add	*49.36*	
23 31 13 13-0273	LF	24" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	195.67	102.67
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*25.67*	
		For Seal Class A, Add	*54.76*	
		For Work In Restricted Working Space, Add	*51.34*	
23 31 13 13-0274	LF	24" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	203.19	106.63
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*26.66*	
		For Seal Class A, Add	*56.86*	
		For Work In Restricted Working Space, Add	*53.31*	
23 31 13 13-0275	LF	26" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	195.67	102.67
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*25.67*	
		For Seal Class A, Add	*54.76*	
		For Work In Restricted Working Space, Add	*51.34*	
23 31 13 13-0276	LF	26" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	203.19	106.63
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*26.66*	
		For Seal Class A, Add	*56.86*	
		For Work In Restricted Working Space, Add	*53.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0277	LF	26" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	210.71	110.56
		For Seal Class B, Add	*27.64*	
		For Seal Class A, Add	*58.97*	
		For Work In Restricted Working Space, Add	*55.28*	
23 31 13 13-0278	LF	28" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	210.71	110.56
		For Seal Class B, Add	*27.64*	
		For Seal Class A, Add	*58.97*	
		For Work In Restricted Working Space, Add	*55.28*	
23 31 13 13-0279	LF	28" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	218.23	114.51
		For Seal Class B, Add	*28.63*	
		For Seal Class A, Add	*61.07*	
		For Work In Restricted Working Space, Add	*57.26*	
23 31 13 13-0280	LF	30" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	225.78	118.47
		For Seal Class B, Add	*29.62*	
		For Seal Class A, Add	*63.18*	
		For Work In Restricted Working Space, Add	*59.24*	

23 31 13 13-0281 22 Gauge Galvanized Steel Metal Ductwork Assemblies *(23 31 13 13-0014)*

Note: Seal Class C

23 31 13 13-0282	LF	4" x 4", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	30.92	15.79
		For Seal Class B, Add	*3.95*	
		For Seal Class A, Add	*8.43*	
		For Work In Restricted Working Space, Add	*7.90*	
23 31 13 13-0283	LF	4" x 6", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	38.65	19.74
		For Seal Class B, Add	*4.94*	
		For Seal Class A, Add	*10.53*	
		For Work In Restricted Working Space, Add	*9.87*	
23 31 13 13-0284	LF	4" x 8", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	46.38	23.69
		For Seal Class B, Add	*5.92*	
		For Seal Class A, Add	*12.64*	
		For Work In Restricted Working Space, Add	*11.85*	
23 31 13 13-0285	LF	4" x 10", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	54.11	27.64
		For Seal Class B, Add	*6.91*	
		For Seal Class A, Add	*14.74*	
		For Work In Restricted Working Space, Add	*13.82*	
23 31 13 13-0286	LF	4" x 12", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	61.84	31.60
		For Seal Class B, Add	*7.90*	
		For Seal Class A, Add	*16.85*	
		For Work In Restricted Working Space, Add	*15.80*	
23 31 13 13-0287	LF	4" x 14", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	69.57	35.54
		For Seal Class B, Add	*8.88*	
		For Seal Class A, Add	*18.95*	
		For Work In Restricted Working Space, Add	*17.77*	
23 31 13 13-0288	LF	4" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	77.30	39.49
		For Seal Class B, Add	*9.87*	
		For Seal Class A, Add	*21.06*	
		For Work In Restricted Working Space, Add	*19.75*	
23 31 13 13-0289	LF	6" x 6", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	46.38	23.69
		For Seal Class B, Add	*5.92*	
		For Seal Class A, Add	*12.64*	
		For Work In Restricted Working Space, Add	*11.85*	
23 31 13 13-0290	LF	6" x 8", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	54.11	27.64
		For Seal Class B, Add	*6.91*	
		For Seal Class A, Add	*14.74*	
		For Work In Restricted Working Space, Add	*13.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0291	LF	6" x 10", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	61.84	31.60
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*7.90*	
		For Seal Class A, Add	*16.85*	
		For Work In Restricted Working Space, Add	*15.80*	
23 31 13 13-0292	LF	6" x 12", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	69.57	35.54
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*8.88*	
		For Seal Class A, Add	*18.95*	
		For Work In Restricted Working Space, Add	*17.77*	
23 31 13 13-0293	LF	6" x 14", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	77.30	39.49
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*9.87*	
		For Seal Class A, Add	*21.06*	
		For Work In Restricted Working Space, Add	*19.75*	
23 31 13 13-0294	LF	6" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	85.03	43.44
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*10.86*	
		For Seal Class A, Add	*23.17*	
		For Work In Restricted Working Space, Add	*21.72*	
23 31 13 13-0295	LF	8" x 8", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	61.84	31.60
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*7.90*	
		For Seal Class A, Add	*16.85*	
		For Work In Restricted Working Space, Add	*15.80*	
23 31 13 13-0296	LF	8" x 10", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	69.57	35.54
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*8.88*	
		For Seal Class A, Add	*18.95*	
		For Work In Restricted Working Space, Add	*17.77*	
23 31 13 13-0297	LF	8" x 12", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	77.30	39.49
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*9.87*	
		For Seal Class A, Add	*21.06*	
		For Work In Restricted Working Space, Add	*19.75*	
23 31 13 13-0298	LF	8" x 14", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	85.03	43.44
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*10.86*	
		For Seal Class A, Add	*23.17*	
		For Work In Restricted Working Space, Add	*21.72*	
23 31 13 13-0299	LF	8" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	92.76	47.38
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*11.85*	
		For Seal Class A, Add	*25.27*	
		For Work In Restricted Working Space, Add	*23.69*	
23 31 13 13-0300	LF	8" x 18", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	100.48	51.34
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*12.83*	
		For Seal Class A, Add	*27.38*	
		For Work In Restricted Working Space, Add	*25.67*	
23 31 13 13-0301	LF	8" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	108.22	55.29
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*13.82*	
		For Seal Class A, Add	*29.48*	
		For Work In Restricted Working Space, Add	*27.64*	
23 31 13 13-0302	LF	8" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	115.95	59.23
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*14.81*	
		For Seal Class A, Add	*31.59*	
		For Work In Restricted Working Space, Add	*29.62*	
23 31 13 13-0303	LF	8" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	123.67	63.18
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*15.80*	
		For Seal Class A, Add	*33.70*	
		For Work In Restricted Working Space, Add	*31.59*	
23 31 13 13-0304	LF	10" x 10", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	77.30	39.49
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*9.87*	
		For Seal Class A, Add	*21.06*	
		For Work In Restricted Working Space, Add	*19.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0305	LF	10" x 12", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	85.03	43.44
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*10.86*	
		For Seal Class A, Add	*23.17*	
		For Work In Restricted Working Space, Add	*21.72*	
23 31 13 13-0306	LF	10" x 14", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	92.76	47.38
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*11.85*	
		For Seal Class A, Add	*25.27*	
		For Work In Restricted Working Space, Add	*23.69*	
23 31 13 13-0307	LF	10" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	100.48	51.34
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*12.83*	
		For Seal Class A, Add	*27.38*	
		For Work In Restricted Working Space, Add	*25.67*	
23 31 13 13-0308	LF	10" x 18", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	108.22	55.29
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*13.82*	
		For Seal Class A, Add	*29.48*	
		For Work In Restricted Working Space, Add	*27.64*	
23 31 13 13-0309	LF	10" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	115.95	59.23
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*14.81*	
		For Seal Class A, Add	*31.59*	
		For Work In Restricted Working Space, Add	*29.62*	
23 31 13 13-0310	LF	10" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	123.67	63.18
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*15.80*	
		For Seal Class A, Add	*33.70*	
		For Work In Restricted Working Space, Add	*31.59*	
23 31 13 13-0311	LF	10" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	131.40	67.13
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*16.78*	
		For Seal Class A, Add	*35.80*	
		For Work In Restricted Working Space, Add	*33.56*	
23 31 13 13-0312	LF	10" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	139.14	71.07
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*17.77*	
		For Seal Class A, Add	*37.91*	
		For Work In Restricted Working Space, Add	*35.54*	
23 31 13 13-0313	LF	10" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	146.87	75.03
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*18.76*	
		For Seal Class A, Add	*40.02*	
		For Work In Restricted Working Space, Add	*37.52*	
23 31 13 13-0314	LF	10" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	154.59	78.98
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*19.74*	
		For Seal Class A, Add	*42.12*	
		For Work In Restricted Working Space, Add	*39.49*	
23 31 13 13-0315	LF	10" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	162.32	82.93
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*20.73*	
		For Seal Class A, Add	*44.22*	
		For Work In Restricted Working Space, Add	*41.46*	
23 31 13 13-0316	LF	12" x 12", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	92.76	47.38
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*11.85*	
		For Seal Class A, Add	*25.27*	
		For Work In Restricted Working Space, Add	*23.69*	
23 31 13 13-0317	LF	12" x 14", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	100.48	51.34
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*12.83*	
		For Seal Class A, Add	*27.38*	
		For Work In Restricted Working Space, Add	*25.67*	
23 31 13 13-0318	LF	12" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	108.22	55.29
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*13.82*	
		For Seal Class A, Add	*29.48*	
		For Work In Restricted Working Space, Add	*27.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0319	LF	12" x 18", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	115.95	59.23
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*14.81*	
		For Seal Class A, Add	*31.59*	
		For Work In Restricted Working Space, Add	*29.62*	
23 31 13 13-0320	LF	12" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	123.67	63.18
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*15.80*	
		For Seal Class A, Add	*33.70*	
		For Work In Restricted Working Space, Add	*31.59*	
23 31 13 13-0321	LF	12" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	131.40	67.13
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*16.78*	
		For Seal Class A, Add	*35.80*	
		For Work In Restricted Working Space, Add	*33.56*	
23 31 13 13-0322	LF	12" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	139.14	71.07
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*17.77*	
		For Seal Class A, Add	*37.91*	
		For Work In Restricted Working Space, Add	*35.54*	
23 31 13 13-0323	LF	12" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	146.87	75.03
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*18.76*	
		For Seal Class A, Add	*40.02*	
		For Work In Restricted Working Space, Add	*37.52*	
23 31 13 13-0324	LF	12" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	154.59	78.98
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*19.74*	
		For Seal Class A, Add	*42.12*	
		For Work In Restricted Working Space, Add	*39.49*	
23 31 13 13-0325	LF	12" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	162.32	82.93
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*20.73*	
		For Seal Class A, Add	*44.22*	
		For Work In Restricted Working Space, Add	*41.46*	
23 31 13 13-0326	LF	12" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	170.04	86.87
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*21.72*	
		For Seal Class A, Add	*46.33*	
		For Work In Restricted Working Space, Add	*43.43*	
23 31 13 13-0327	LF	12" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	177.78	90.82
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*22.71*	
		For Seal Class A, Add	*48.44*	
		For Work In Restricted Working Space, Add	*45.41*	
23 31 13 13-0328	LF	12" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	185.51	94.78
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*23.69*	
		For Seal Class A, Add	*50.54*	
		For Work In Restricted Working Space, Add	*47.39*	
23 31 13 13-0329	LF	14" x 14", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	108.22	55.29
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*13.82*	
		For Seal Class A, Add	*29.48*	
		For Work In Restricted Working Space, Add	*27.64*	
23 31 13 13-0330	LF	14" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	115.95	59.23
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*14.81*	
		For Seal Class A, Add	*31.59*	
		For Work In Restricted Working Space, Add	*29.62*	
23 31 13 13-0331	LF	14" x 18", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	123.67	63.18
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*15.80*	
		For Seal Class A, Add	*33.70*	
		For Work In Restricted Working Space, Add	*31.59*	
23 31 13 13-0332	LF	14" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	131.40	67.13
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*16.78*	
		For Seal Class A, Add	*35.80*	
		For Work In Restricted Working Space, Add	*33.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0333	LF	14" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	139.14	71.07
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*17.77*	
		For Seal Class A, Add	*37.91*	
		For Work In Restricted Working Space, Add	*35.54*	
23 31 13 13-0334	LF	14" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	146.87	75.03
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*18.76*	
		For Seal Class A, Add	*40.02*	
		For Work In Restricted Working Space, Add	*37.52*	
23 31 13 13-0335	LF	14" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	154.59	78.98
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*19.74*	
		For Seal Class A, Add	*42.12*	
		For Work In Restricted Working Space, Add	*39.49*	
23 31 13 13-0336	LF	14" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	162.32	82.93
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*20.73*	
		For Seal Class A, Add	*44.22*	
		For Work In Restricted Working Space, Add	*41.46*	
23 31 13 13-0337	LF	14" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	170.04	86.87
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*21.72*	
		For Seal Class A, Add	*46.33*	
		For Work In Restricted Working Space, Add	*43.43*	
23 31 13 13-0338	LF	14" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	177.78	90.82
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*22.71*	
		For Seal Class A, Add	*48.44*	
		For Work In Restricted Working Space, Add	*45.41*	
23 31 13 13-0339	LF	14" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	185.51	94.78
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*23.69*	
		For Seal Class A, Add	*50.54*	
		For Work In Restricted Working Space, Add	*47.39*	
23 31 13 13-0340	LF	14" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	193.24	98.72
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*24.68*	
		For Seal Class A, Add	*52.65*	
		For Work In Restricted Working Space, Add	*49.36*	
23 31 13 13-0341	LF	16" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	123.67	63.18
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*15.80*	
		For Seal Class A, Add	*33.70*	
		For Work In Restricted Working Space, Add	*31.59*	
23 31 13 13-0342	LF	16" x 18", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	131.40	67.13
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*16.78*	
		For Seal Class A, Add	*35.80*	
		For Work In Restricted Working Space, Add	*33.56*	
23 31 13 13-0343	LF	16" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	139.14	71.07
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*17.77*	
		For Seal Class A, Add	*37.91*	
		For Work In Restricted Working Space, Add	*35.54*	
23 31 13 13-0344	LF	16" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	146.87	75.03
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*18.76*	
		For Seal Class A, Add	*40.02*	
		For Work In Restricted Working Space, Add	*37.52*	
23 31 13 13-0345	LF	16" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	154.59	78.98
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*19.74*	
		For Seal Class A, Add	*42.12*	
		For Work In Restricted Working Space, Add	*39.49*	
23 31 13 13-0346	LF	16" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	162.32	82.93
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*20.73*	
		For Seal Class A, Add	*44.22*	
		For Work In Restricted Working Space, Add	*41.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0347	LF	16" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	170.04	86.87
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*21.72*	
		For Seal Class A, Add	*46.33*	
		For Work In Restricted Working Space, Add	*43.43*	
23 31 13 13-0348	LF	16" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	177.78	90.82
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*22.71*	
		For Seal Class A, Add	*48.44*	
		For Work In Restricted Working Space, Add	*45.41*	
23 31 13 13-0349	LF	16" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	185.51	94.78
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*23.69*	
		For Seal Class A, Add	*50.54*	
		For Work In Restricted Working Space, Add	*47.39*	
23 31 13 13-0350	LF	16" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	193.24	98.72
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*24.68*	
		For Seal Class A, Add	*52.65*	
		For Work In Restricted Working Space, Add	*49.36*	
23 31 13 13-0351	LF	16" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	200.98	102.67
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*25.67*	
		For Seal Class A, Add	*54.76*	
		For Work In Restricted Working Space, Add	*51.34*	
23 31 13 13-0352	LF	16" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	208.71	106.63
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*26.66*	
		For Seal Class A, Add	*56.86*	
		For Work In Restricted Working Space, Add	*53.31*	
23 31 13 13-0353	LF	16" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	216.42	110.56
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*27.64*	
		For Seal Class A, Add	*58.97*	
		For Work In Restricted Working Space, Add	*55.28*	
23 31 13 13-0354	LF	16" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	224.15	114.51
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*28.63*	
		For Seal Class A, Add	*61.07*	
		For Work In Restricted Working Space, Add	*57.26*	
23 31 13 13-0355	LF	16" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	231.90	118.47
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*29.62*	
		For Seal Class A, Add	*63.18*	
		For Work In Restricted Working Space, Add	*59.24*	
23 31 13 13-0356	LF	18" x 18", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	139.14	71.07
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*17.77*	
		For Seal Class A, Add	*37.91*	
		For Work In Restricted Working Space, Add	*35.54*	
23 31 13 13-0357	LF	18" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	146.87	75.03
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*18.76*	
		For Seal Class A, Add	*40.02*	
		For Work In Restricted Working Space, Add	*37.52*	
23 31 13 13-0358	LF	18" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	154.59	78.98
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*19.74*	
		For Seal Class A, Add	*42.12*	
		For Work In Restricted Working Space, Add	*39.49*	
23 31 13 13-0359	LF	18" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	162.32	82.93
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*20.73*	
		For Seal Class A, Add	*44.22*	
		For Work In Restricted Working Space, Add	*41.46*	
23 31 13 13-0360	LF	18" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	170.04	86.87
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*21.72*	
		For Seal Class A, Add	*46.33*	
		For Work In Restricted Working Space, Add	*43.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0361	LF	18" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	177.78	90.82
		For Seal Class B, Add	*22.71*	
		For Seal Class A, Add	*48.44*	
		For Work In Restricted Working Space, Add	*45.41*	
23 31 13 13-0362	LF	18" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	185.51	94.78
		For Seal Class B, Add	*23.69*	
		For Seal Class A, Add	*50.54*	
		For Work In Restricted Working Space, Add	*47.39*	
23 31 13 13-0363	LF	18" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	193.24	98.72
		For Seal Class B, Add	*24.68*	
		For Seal Class A, Add	*52.65*	
		For Work In Restricted Working Space, Add	*49.36*	
23 31 13 13-0364	LF	18" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	200.98	102.67
		For Seal Class B, Add	*25.67*	
		For Seal Class A, Add	*54.76*	
		For Work In Restricted Working Space, Add	*51.34*	
23 31 13 13-0365	LF	18" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	208.71	106.63
		For Seal Class B, Add	*26.66*	
		For Seal Class A, Add	*56.86*	
		For Work In Restricted Working Space, Add	*53.31*	
23 31 13 13-0366	LF	18" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	216.42	110.56
		For Seal Class B, Add	*27.64*	
		For Seal Class A, Add	*58.97*	
		For Work In Restricted Working Space, Add	*55.28*	
23 31 13 13-0367	LF	18" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	224.15	114.51
		For Seal Class B, Add	*28.63*	
		For Seal Class A, Add	*61.07*	
		For Work In Restricted Working Space, Add	*57.26*	
23 31 13 13-0368	LF	18" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	231.90	118.47
		For Seal Class B, Add	*29.62*	
		For Seal Class A, Add	*63.18*	
		For Work In Restricted Working Space, Add	*59.24*	
23 31 13 13-0369	LF	18" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	239.62	122.41
		For Seal Class B, Add	*30.60*	
		For Seal Class A, Add	*65.29*	
		For Work In Restricted Working Space, Add	*61.21*	
23 31 13 13-0370	LF	18" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	247.35	126.36
		For Seal Class B, Add	*31.59*	
		For Seal Class A, Add	*67.39*	
		For Work In Restricted Working Space, Add	*63.18*	
23 31 13 13-0371	LF	20" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	154.59	78.98
		For Seal Class B, Add	*19.74*	
		For Seal Class A, Add	*42.12*	
		For Work In Restricted Working Space, Add	*39.49*	
23 31 13 13-0372	LF	20" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	162.32	82.93
		For Seal Class B, Add	*20.73*	
		For Seal Class A, Add	*44.22*	
		For Work In Restricted Working Space, Add	*41.46*	
23 31 13 13-0373	LF	20" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	170.04	86.87
		For Seal Class B, Add	*21.72*	
		For Seal Class A, Add	*46.33*	
		For Work In Restricted Working Space, Add	*43.43*	
23 31 13 13-0374	LF	20" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	177.78	90.82
		For Seal Class B, Add	*22.71*	
		For Seal Class A, Add	*48.44*	
		For Work In Restricted Working Space, Add	*45.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0375	LF	20" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	185.51	94.78
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*23.69*	
		For Seal Class A, Add	*50.54*	
		For Work In Restricted Working Space, Add	*47.39*	
23 31 13 13-0376	LF	20" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	193.24	98.72
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*24.68*	
		For Seal Class A, Add	*52.65*	
		For Work In Restricted Working Space, Add	*49.36*	
23 31 13 13-0377	LF	20" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	200.98	102.67
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*25.67*	
		For Seal Class A, Add	*54.76*	
		For Work In Restricted Working Space, Add	*51.34*	
23 31 13 13-0378	LF	20" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	208.71	106.63
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*26.66*	
		For Seal Class A, Add	*56.86*	
		For Work In Restricted Working Space, Add	*53.31*	
23 31 13 13-0379	LF	20" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	216.42	110.56
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*27.64*	
		For Seal Class A, Add	*58.97*	
		For Work In Restricted Working Space, Add	*55.28*	
23 31 13 13-0380	LF	20" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	224.15	114.51
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*28.63*	
		For Seal Class A, Add	*61.07*	
		For Work In Restricted Working Space, Add	*57.26*	
23 31 13 13-0381	LF	20" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	231.90	118.47
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*29.62*	
		For Seal Class A, Add	*63.18*	
		For Work In Restricted Working Space, Add	*59.24*	
23 31 13 13-0382	LF	20" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	239.62	122.41
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*30.60*	
		For Seal Class A, Add	*65.29*	
		For Work In Restricted Working Space, Add	*61.21*	
23 31 13 13-0383	LF	20" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	247.35	126.36
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*31.59*	
		For Seal Class A, Add	*67.39*	
		For Work In Restricted Working Space, Add	*63.18*	
23 31 13 13-0384	LF	20" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	255.08	130.32
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*32.58*	
		For Seal Class A, Add	*69.50*	
		For Work In Restricted Working Space, Add	*65.15*	
23 31 13 13-0385	LF	20" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	262.81	134.26
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*33.57*	
		For Seal Class A, Add	*71.61*	
		For Work In Restricted Working Space, Add	*67.13*	
23 31 13 13-0386	LF	22" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	170.04	86.87
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*21.72*	
		For Seal Class A, Add	*46.33*	
		For Work In Restricted Working Space, Add	*43.43*	
23 31 13 13-0387	LF	22" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	177.78	90.82
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*22.71*	
		For Seal Class A, Add	*48.44*	
		For Work In Restricted Working Space, Add	*45.41*	
23 31 13 13-0388	LF	22" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	185.51	94.78
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*23.69*	
		For Seal Class A, Add	*50.54*	
		For Work In Restricted Working Space, Add	*47.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0389	LF	22" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	193.24	98.72
		For Seal Class B, Add	*24.68*	
		For Seal Class A, Add	*52.65*	
		For Work In Restricted Working Space, Add	*49.36*	
23 31 13 13-0390	LF	22" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	200.98	102.67
		For Seal Class B, Add	*25.67*	
		For Seal Class A, Add	*54.76*	
		For Work In Restricted Working Space, Add	*51.34*	
23 31 13 13-0391	LF	22" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	208.71	106.63
		For Seal Class B, Add	*26.66*	
		For Seal Class A, Add	*56.86*	
		For Work In Restricted Working Space, Add	*53.31*	
23 31 13 13-0392	LF	22" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	216.42	110.56
		For Seal Class B, Add	*27.64*	
		For Seal Class A, Add	*58.97*	
		For Work In Restricted Working Space, Add	*55.28*	
23 31 13 13-0393	LF	22" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	224.15	114.51
		For Seal Class B, Add	*28.63*	
		For Seal Class A, Add	*61.07*	
		For Work In Restricted Working Space, Add	*57.26*	
23 31 13 13-0394	LF	22" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	231.90	118.47
		For Seal Class B, Add	*29.62*	
		For Seal Class A, Add	*63.18*	
		For Work In Restricted Working Space, Add	*59.24*	
23 31 13 13-0395	LF	22" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	239.62	122.41
		For Seal Class B, Add	*30.60*	
		For Seal Class A, Add	*65.29*	
		For Work In Restricted Working Space, Add	*61.21*	
23 31 13 13-0396	LF	22" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	247.35	126.36
		For Seal Class B, Add	*31.59*	
		For Seal Class A, Add	*67.39*	
		For Work In Restricted Working Space, Add	*63.18*	
23 31 13 13-0397	LF	22" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	255.08	130.32
		For Seal Class B, Add	*32.58*	
		For Seal Class A, Add	*69.50*	
		For Work In Restricted Working Space, Add	*65.15*	
23 31 13 13-0398	LF	22" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	262.81	134.26
		For Seal Class B, Add	*33.57*	
		For Seal Class A, Add	*71.61*	
		For Work In Restricted Working Space, Add	*67.13*	
23 31 13 13-0399	LF	22" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	270.53	138.20
		For Seal Class B, Add	*34.55*	
		For Seal Class A, Add	*73.71*	
		For Work In Restricted Working Space, Add	*69.10*	
23 31 13 13-0400	LF	24" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	185.51	94.78
		For Seal Class B, Add	*23.69*	
		For Seal Class A, Add	*50.54*	
		For Work In Restricted Working Space, Add	*47.39*	
23 31 13 13-0401	LF	24" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	193.24	98.72
		For Seal Class B, Add	*24.68*	
		For Seal Class A, Add	*52.65*	
		For Work In Restricted Working Space, Add	*49.36*	
23 31 13 13-0402	LF	24" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	200.98	102.67
		For Seal Class B, Add	*25.67*	
		For Seal Class A, Add	*54.76*	
		For Work In Restricted Working Space, Add	*51.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0403	LF	24" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	208.71	106.63
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*26.66*	
		For Seal Class A, Add	*56.86*	
		For Work In Restricted Working Space, Add	*53.31*	
23 31 13 13-0404	LF	24" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	216.42	110.56
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*27.64*	
		For Seal Class A, Add	*58.97*	
		For Work In Restricted Working Space, Add	*55.28*	
23 31 13 13-0405	LF	24" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	224.15	114.51
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*28.63*	
		For Seal Class A, Add	*61.07*	
		For Work In Restricted Working Space, Add	*57.26*	
23 31 13 13-0406	LF	24" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	231.90	118.47
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*29.62*	
		For Seal Class A, Add	*63.18*	
		For Work In Restricted Working Space, Add	*59.24*	
23 31 13 13-0407	LF	24" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	239.62	122.41
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*30.60*	
		For Seal Class A, Add	*65.29*	
		For Work In Restricted Working Space, Add	*61.21*	
23 31 13 13-0408	LF	24" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	247.35	126.36
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*31.59*	
		For Seal Class A, Add	*67.39*	
		For Work In Restricted Working Space, Add	*63.18*	
23 31 13 13-0409	LF	24" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	255.08	130.32
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*32.58*	
		For Seal Class A, Add	*69.50*	
		For Work In Restricted Working Space, Add	*65.15*	
23 31 13 13-0410	LF	24" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	262.81	134.26
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*33.57*	
		For Seal Class A, Add	*71.61*	
		For Work In Restricted Working Space, Add	*67.13*	
23 31 13 13-0411	LF	24" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	270.53	138.20
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*34.55*	
		For Seal Class A, Add	*73.71*	
		For Work In Restricted Working Space, Add	*69.10*	
23 31 13 13-0412	LF	24" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	278.26	142.16
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*35.54*	
		For Seal Class A, Add	*75.81*	
		For Work In Restricted Working Space, Add	*71.08*	
23 31 13 13-0413	LF	26" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	200.98	102.67
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*25.67*	
		For Seal Class A, Add	*54.76*	
		For Work In Restricted Working Space, Add	*51.34*	
23 31 13 13-0414	LF	26" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	208.71	106.63
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*26.66*	
		For Seal Class A, Add	*56.86*	
		For Work In Restricted Working Space, Add	*53.31*	
23 31 13 13-0415	LF	26" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	216.42	110.56
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*27.64*	
		For Seal Class A, Add	*58.97*	
		For Work In Restricted Working Space, Add	*55.28*	
23 31 13 13-0416	LF	26" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	224.15	114.51
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*28.63*	
		For Seal Class A, Add	*61.07*	
		For Work In Restricted Working Space, Add	*57.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0417	LF	26" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	231.90	118.47
		For Seal Class B, Add	*29.62*	
		For Seal Class A, Add	*63.18*	
		For Work In Restricted Working Space, Add	*59.24*	
23 31 13 13-0418	LF	26" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	239.62	122.41
		For Seal Class B, Add	*30.60*	
		For Seal Class A, Add	*65.29*	
		For Work In Restricted Working Space, Add	*61.21*	
23 31 13 13-0419	LF	26" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	247.35	126.36
		For Seal Class B, Add	*31.59*	
		For Seal Class A, Add	*67.39*	
		For Work In Restricted Working Space, Add	*63.18*	
23 31 13 13-0420	LF	26" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	255.08	130.32
		For Seal Class B, Add	*32.58*	
		For Seal Class A, Add	*69.50*	
		For Work In Restricted Working Space, Add	*65.15*	
23 31 13 13-0421	LF	26" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	262.81	134.26
		For Seal Class B, Add	*33.57*	
		For Seal Class A, Add	*71.61*	
		For Work In Restricted Working Space, Add	*67.13*	
23 31 13 13-0422	LF	26" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	270.53	138.20
		For Seal Class B, Add	*34.55*	
		For Seal Class A, Add	*73.71*	
		For Work In Restricted Working Space, Add	*69.10*	
23 31 13 13-0423	LF	26" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	278.26	142.16
		For Seal Class B, Add	*35.54*	
		For Seal Class A, Add	*75.81*	
		For Work In Restricted Working Space, Add	*71.08*	
23 31 13 13-0424	LF	26" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	286.00	146.11
		For Seal Class B, Add	*36.53*	
		For Seal Class A, Add	*77.92*	
		For Work In Restricted Working Space, Add	*73.05*	
23 31 13 13-0425	LF	28" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	216.42	110.56
		For Seal Class B, Add	*27.64*	
		For Seal Class A, Add	*58.97*	
		For Work In Restricted Working Space, Add	*55.28*	
23 31 13 13-0426	LF	28" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	224.15	114.51
		For Seal Class B, Add	*28.63*	
		For Seal Class A, Add	*61.07*	
		For Work In Restricted Working Space, Add	*57.26*	
23 31 13 13-0427	LF	28" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	231.90	118.47
		For Seal Class B, Add	*29.62*	
		For Seal Class A, Add	*63.18*	
		For Work In Restricted Working Space, Add	*59.24*	
23 31 13 13-0428	LF	28" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	239.62	122.41
		For Seal Class B, Add	*30.60*	
		For Seal Class A, Add	*65.29*	
		For Work In Restricted Working Space, Add	*61.21*	
23 31 13 13-0429	LF	28" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	247.35	126.36
		For Seal Class B, Add	*31.59*	
		For Seal Class A, Add	*67.39*	
		For Work In Restricted Working Space, Add	*63.18*	
23 31 13 13-0430	LF	28" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	255.08	130.32
		For Seal Class B, Add	*32.58*	
		For Seal Class A, Add	*69.50*	
		For Work In Restricted Working Space, Add	*65.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0431	LF	28" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	262.81	134.26
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*33.57*	
		For Seal Class A, Add	*71.61*	
		For Work In Restricted Working Space, Add	*67.13*	
23 31 13 13-0432	LF	28" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	270.53	138.20
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*34.55*	
		For Seal Class A, Add	*73.71*	
		For Work In Restricted Working Space, Add	*69.10*	
23 31 13 13-0433	LF	28" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	278.26	142.16
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*35.54*	
		For Seal Class A, Add	*75.81*	
		For Work In Restricted Working Space, Add	*71.08*	
23 31 13 13-0434	LF	28" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	286.00	146.11
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*36.53*	
		For Seal Class A, Add	*77.92*	
		For Work In Restricted Working Space, Add	*73.05*	
23 31 13 13-0435	LF	28" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	293.74	150.05
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*37.52*	
		For Seal Class A, Add	*80.03*	
		For Work In Restricted Working Space, Add	*75.03*	
23 31 13 13-0436	LF	30" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	231.90	118.47
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*29.62*	
		For Seal Class A, Add	*63.18*	
		For Work In Restricted Working Space, Add	*59.24*	
23 31 13 13-0437	LF	30" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	239.62	122.41
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*30.60*	
		For Seal Class A, Add	*65.29*	
		For Work In Restricted Working Space, Add	*61.21*	
23 31 13 13-0438	LF	30" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	247.35	126.36
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*31.59*	
		For Seal Class A, Add	*67.39*	
		For Work In Restricted Working Space, Add	*63.18*	
23 31 13 13-0439	LF	30" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	255.08	130.32
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*32.58*	
		For Seal Class A, Add	*69.50*	
		For Work In Restricted Working Space, Add	*65.15*	
23 31 13 13-0440	LF	30" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	262.81	134.26
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*33.57*	
		For Seal Class A, Add	*71.61*	
		For Work In Restricted Working Space, Add	*67.13*	
23 31 13 13-0441	LF	30" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	270.53	138.20
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*34.55*	
		For Seal Class A, Add	*73.71*	
		For Work In Restricted Working Space, Add	*69.10*	
23 31 13 13-0442	LF	30" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	278.26	142.16
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*35.54*	
		For Seal Class A, Add	*75.81*	
		For Work In Restricted Working Space, Add	*71.08*	
23 31 13 13-0443	LF	30" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	286.00	146.11
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*36.53*	
		For Seal Class A, Add	*77.92*	
		For Work In Restricted Working Space, Add	*73.05*	
23 31 13 13-0444	LF	30" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	293.74	150.05
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*37.52*	
		For Seal Class A, Add	*80.03*	
		For Work In Restricted Working Space, Add	*75.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0445	LF	30" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	301.46	154.01
		For Seal Class B, Add	*38.50*	
		For Seal Class A, Add	*82.13*	
		For Work In Restricted Working Space, Add	*77.00*	
23 31 13 13-0446	LF	32" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	247.35	126.36
		For Seal Class B, Add	*31.59*	
		For Seal Class A, Add	*67.39*	
		For Work In Restricted Working Space, Add	*63.18*	
23 31 13 13-0447	LF	32" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	255.08	130.32
		For Seal Class B, Add	*32.58*	
		For Seal Class A, Add	*69.50*	
		For Work In Restricted Working Space, Add	*65.15*	
23 31 13 13-0448	LF	32" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	262.81	134.26
		For Seal Class B, Add	*33.57*	
		For Seal Class A, Add	*71.61*	
		For Work In Restricted Working Space, Add	*67.13*	
23 31 13 13-0449	LF	32" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	270.53	138.20
		For Seal Class B, Add	*34.55*	
		For Seal Class A, Add	*73.71*	
		For Work In Restricted Working Space, Add	*69.10*	
23 31 13 13-0450	LF	32" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	278.26	142.16
		For Seal Class B, Add	*35.54*	
		For Seal Class A, Add	*75.81*	
		For Work In Restricted Working Space, Add	*71.08*	
23 31 13 13-0451	LF	32" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	286.00	146.11
		For Seal Class B, Add	*36.53*	
		For Seal Class A, Add	*77.92*	
		For Work In Restricted Working Space, Add	*73.05*	
23 31 13 13-0452	LF	32" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	293.74	150.05
		For Seal Class B, Add	*37.52*	
		For Seal Class A, Add	*80.03*	
		For Work In Restricted Working Space, Add	*75.03*	
23 31 13 13-0453	LF	32" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	301.46	154.01
		For Seal Class B, Add	*38.50*	
		For Seal Class A, Add	*82.13*	
		For Work In Restricted Working Space, Add	*77.00*	
23 31 13 13-0454	LF	32" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	309.18	157.95
		For Seal Class B, Add	*39.49*	
		For Seal Class A, Add	*84.24*	
		For Work In Restricted Working Space, Add	*78.98*	
23 31 13 13-0455	LF	34" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	262.81	134.26
		For Seal Class B, Add	*33.57*	
		For Seal Class A, Add	*71.61*	
		For Work In Restricted Working Space, Add	*67.13*	
23 31 13 13-0456	LF	34" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	270.53	138.20
		For Seal Class B, Add	*34.55*	
		For Seal Class A, Add	*73.71*	
		For Work In Restricted Working Space, Add	*69.10*	
23 31 13 13-0457	LF	34" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	278.26	142.16
		For Seal Class B, Add	*35.54*	
		For Seal Class A, Add	*75.81*	
		For Work In Restricted Working Space, Add	*71.08*	
23 31 13 13-0458	LF	34" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	286.00	146.11
		For Seal Class B, Add	*36.53*	
		For Seal Class A, Add	*77.92*	
		For Work In Restricted Working Space, Add	*73.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0459	LF	34" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	293.74	150.05
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*37.52*	
		For Seal Class A, Add	*80.03*	
		For Work In Restricted Working Space, Add	*75.03*	
23 31 13 13-0460	LF	34" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	301.46	154.01
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*38.50*	
		For Seal Class A, Add	*82.13*	
		For Work In Restricted Working Space, Add	*77.00*	
23 31 13 13-0461	LF	34" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	309.18	157.95
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*39.49*	
		For Seal Class A, Add	*84.24*	
		For Work In Restricted Working Space, Add	*78.98*	
23 31 13 13-0462	LF	34" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	316.91	161.89
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*40.47*	
		For Seal Class A, Add	*86.35*	
		For Work In Restricted Working Space, Add	*80.95*	
23 31 13 13-0463	LF	36" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	278.26	142.16
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*35.54*	
		For Seal Class A, Add	*75.81*	
		For Work In Restricted Working Space, Add	*71.08*	
23 31 13 13-0464	LF	36" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	286.00	146.11
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*36.53*	
		For Seal Class A, Add	*77.92*	
		For Work In Restricted Working Space, Add	*73.05*	
23 31 13 13-0465	LF	36" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	293.74	150.05
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*37.52*	
		For Seal Class A, Add	*80.03*	
		For Work In Restricted Working Space, Add	*75.03*	
23 31 13 13-0466	LF	36" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	301.46	154.01
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*38.50*	
		For Seal Class A, Add	*82.13*	
		For Work In Restricted Working Space, Add	*77.00*	
23 31 13 13-0467	LF	36" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	309.18	157.95
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*39.49*	
		For Seal Class A, Add	*84.24*	
		For Work In Restricted Working Space, Add	*78.98*	
23 31 13 13-0468	LF	36" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	316.91	161.89
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*40.47*	
		For Seal Class A, Add	*86.35*	
		For Work In Restricted Working Space, Add	*80.95*	
23 31 13 13-0469	LF	36" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	324.64	165.85
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*41.46*	
		For Seal Class A, Add	*88.45*	
		For Work In Restricted Working Space, Add	*82.92*	
23 31 13 13-0470	LF	38" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	293.74	150.05
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*37.52*	
		For Seal Class A, Add	*80.03*	
		For Work In Restricted Working Space, Add	*75.03*	
23 31 13 13-0471	LF	38" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	301.46	154.01
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*38.50*	
		For Seal Class A, Add	*82.13*	
		For Work In Restricted Working Space, Add	*77.00*	
23 31 13 13-0472	LF	38" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	309.18	157.95
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*39.49*	
		For Seal Class A, Add	*84.24*	
		For Work In Restricted Working Space, Add	*78.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0473	LF	38" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	316.91	161.89
		For Seal Class B, Add	*40.47*	
		For Seal Class A, Add	*86.35*	
		For Work In Restricted Working Space, Add	*80.95*	
23 31 13 13-0474	LF	38" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	324.64	165.85
		For Seal Class B, Add	*41.46*	
		For Seal Class A, Add	*88.45*	
		For Work In Restricted Working Space, Add	*82.92*	
23 31 13 13-0475	LF	38" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	332.38	169.80
		For Seal Class B, Add	*42.45*	
		For Seal Class A, Add	*90.56*	
		For Work In Restricted Working Space, Add	*84.90*	
23 31 13 13-0476	LF	38" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	340.11	173.74
		For Seal Class B, Add	*43.44*	
		For Seal Class A, Add	*92.67*	
		For Work In Restricted Working Space, Add	*86.87*	
23 31 13 13-0477	LF	40" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	309.18	157.95
		For Seal Class B, Add	*39.49*	
		For Seal Class A, Add	*84.24*	
		For Work In Restricted Working Space, Add	*78.98*	
23 31 13 13-0478	LF	40" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	316.91	161.89
		For Seal Class B, Add	*40.47*	
		For Seal Class A, Add	*86.35*	
		For Work In Restricted Working Space, Add	*80.95*	
23 31 13 13-0479	LF	40" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	324.64	165.85
		For Seal Class B, Add	*41.46*	
		For Seal Class A, Add	*88.45*	
		For Work In Restricted Working Space, Add	*82.92*	
23 31 13 13-0480	LF	40" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	332.38	169.80
		For Seal Class B, Add	*42.45*	
		For Seal Class A, Add	*90.56*	
		For Work In Restricted Working Space, Add	*84.90*	
23 31 13 13-0481	LF	40" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	340.11	173.74
		For Seal Class B, Add	*43.44*	
		For Seal Class A, Add	*92.67*	
		For Work In Restricted Working Space, Add	*86.87*	
23 31 13 13-0482	LF	40" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	347.84	177.70
		For Seal Class B, Add	*44.42*	
		For Seal Class A, Add	*94.77*	
		For Work In Restricted Working Space, Add	*88.85*	
23 31 13 13-0483	LF	40" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	355.56	181.64
		For Seal Class B, Add	*45.41*	
		For Seal Class A, Add	*96.88*	
		For Work In Restricted Working Space, Add	*90.82*	
23 31 13 13-0484	LF	40" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	363.29	185.58
		For Seal Class B, Add	*46.40*	
		For Seal Class A, Add	*98.98*	
		For Work In Restricted Working Space, Add	*92.80*	
23 31 13 13-0485	LF	42" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	324.64	165.85
		For Seal Class B, Add	*41.46*	
		For Seal Class A, Add	*88.45*	
		For Work In Restricted Working Space, Add	*82.92*	
23 31 13 13-0486	LF	42" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	332.38	169.80
		For Seal Class B, Add	*42.45*	
		For Seal Class A, Add	*90.56*	
		For Work In Restricted Working Space, Add	*84.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0487	LF	42" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	340.11	173.74
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*43.44*	
		For Seal Class A, Add	*92.67*	
		For Work In Restricted Working Space, Add	*86.87*	
23 31 13 13-0488	LF	42" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	347.84	177.70
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*44.42*	
		For Seal Class A, Add	*94.77*	
		For Work In Restricted Working Space, Add	*88.85*	
23 31 13 13-0489	LF	42" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	355.56	181.64
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*45.41*	
		For Seal Class A, Add	*96.88*	
		For Work In Restricted Working Space, Add	*90.82*	
23 31 13 13-0490	LF	42" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	363.29	185.58
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*46.40*	
		For Seal Class A, Add	*98.98*	
		For Work In Restricted Working Space, Add	*92.80*	
23 31 13 13-0491	LF	42" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	371.02	189.54
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*47.39*	
		For Seal Class A, Add	*101.09*	
		For Work In Restricted Working Space, Add	*94.77*	
23 31 13 13-0492	LF	44" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	340.11	173.74
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*43.44*	
		For Seal Class A, Add	*92.67*	
		For Work In Restricted Working Space, Add	*86.87*	
23 31 13 13-0493	LF	44" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	347.84	177.70
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*44.42*	
		For Seal Class A, Add	*94.77*	
		For Work In Restricted Working Space, Add	*88.85*	
23 31 13 13-0494	LF	44" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	355.56	181.64
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*45.41*	
		For Seal Class A, Add	*96.88*	
		For Work In Restricted Working Space, Add	*90.82*	
23 31 13 13-0495	LF	44" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	363.29	185.58
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*46.40*	
		For Seal Class A, Add	*98.98*	
		For Work In Restricted Working Space, Add	*92.80*	
23 31 13 13-0496	LF	44" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	371.02	189.54
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*47.39*	
		For Seal Class A, Add	*101.09*	
		For Work In Restricted Working Space, Add	*94.77*	
23 31 13 13-0497	LF	44" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	378.74	193.49
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*48.37*	
		For Seal Class A, Add	*103.19*	
		For Work In Restricted Working Space, Add	*96.74*	
23 31 13 13-0498	LF	46" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	355.56	181.64
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*45.41*	
		For Seal Class A, Add	*96.88*	
		For Work In Restricted Working Space, Add	*90.82*	
23 31 13 13-0499	LF	46" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	363.29	185.58
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*46.40*	
		For Seal Class A, Add	*98.98*	
		For Work In Restricted Working Space, Add	*92.80*	
23 31 13 13-0500	LF	46" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	371.02	189.54
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*47.39*	
		For Seal Class A, Add	*101.09*	
		For Work In Restricted Working Space, Add	*94.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0501	LF	46" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	378.74	193.49
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*48.37*	
		For Seal Class A, Add	*103.19*	
		For Work In Restricted Working Space, Add	*96.74*	
23 31 13 13-0502	LF	46" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	386.49	197.45
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*49.36*	
		For Seal Class A, Add	*105.30*	
		For Work In Restricted Working Space, Add	*98.72*	
23 31 13 13-0503	LF	48" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	371.02	189.54
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*47.39*	
		For Seal Class A, Add	*101.09*	
		For Work In Restricted Working Space, Add	*94.77*	
23 31 13 13-0504	LF	48" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	378.74	193.49
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*48.37*	
		For Seal Class A, Add	*103.19*	
		For Work In Restricted Working Space, Add	*96.74*	
23 31 13 13-0505	LF	48" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	386.49	197.45
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*49.36*	
		For Seal Class A, Add	*105.30*	
		For Work In Restricted Working Space, Add	*98.72*	
23 31 13 13-0506	LF	48" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	394.22	201.39
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*50.35*	
		For Seal Class A, Add	*107.41*	
		For Work In Restricted Working Space, Add	*100.70*	
23 31 13 13-0507	LF	50" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	386.49	197.45
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*49.36*	
		For Seal Class A, Add	*105.30*	
		For Work In Restricted Working Space, Add	*98.72*	
23 31 13 13-0508	LF	50" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	394.22	201.39
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*50.35*	
		For Seal Class A, Add	*107.41*	
		For Work In Restricted Working Space, Add	*100.70*	
23 31 13 13-0509	LF	50" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	401.94	205.33
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*51.33*	
		For Seal Class A, Add	*109.51*	
		For Work In Restricted Working Space, Add	*102.67*	
23 31 13 13-0510	LF	52" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	401.94	205.33
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*51.33*	
		For Seal Class A, Add	*109.51*	
		For Work In Restricted Working Space, Add	*102.67*	
23 31 13 13-0511	LF	52" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	409.66	209.29
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*52.32*	
		For Seal Class A, Add	*111.62*	
		For Work In Restricted Working Space, Add	*104.64*	
23 31 13 13-0512	LF	54" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	417.40	213.23
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*53.31*	
		For Seal Class A, Add	*113.72*	
		For Work In Restricted Working Space, Add	*106.62*	
23 31 13 13-0513		**20 Gauge Galvanized Steel Metal Ductwork Assemblies** *(23 31 13 13-0014)*		
		Note: Seal Class C		
23 31 13 13-0514	LF	4" x 4", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	36.41	18.60
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*4.65*	
		For Seal Class A, Add	*9.92*	
		For Work In Restricted Working Space, Add	*9.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0515	LF	4" x 6", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	45.52	23.25
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*5.81*	
		For Seal Class A, Add	*12.40*	
		For Work In Restricted Working Space, Add	*11.63*	
23 31 13 13-0516	LF	4" x 8", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	54.63	27.91
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*6.98*	
		For Seal Class A, Add	*14.88*	
		For Work In Restricted Working Space, Add	*13.95*	
23 31 13 13-0517	LF	4" x 10", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	63.72	32.55
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*8.14*	
		For Seal Class A, Add	*17.36*	
		For Work In Restricted Working Space, Add	*16.28*	
23 31 13 13-0518	LF	4" x 12", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	72.83	37.21
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*9.30*	
		For Seal Class A, Add	*19.84*	
		For Work In Restricted Working Space, Add	*18.60*	
23 31 13 13-0519	LF	4" x 14", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	81.94	41.85
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*10.46*	
		For Seal Class A, Add	*22.32*	
		For Work In Restricted Working Space, Add	*20.93*	
23 31 13 13-0520	LF	4" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	91.04	46.51
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*11.63*	
		For Seal Class A, Add	*24.81*	
		For Work In Restricted Working Space, Add	*23.26*	
23 31 13 13-0521	LF	6" x 6", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	54.63	27.91
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*6.98*	
		For Seal Class A, Add	*14.88*	
		For Work In Restricted Working Space, Add	*13.95*	
23 31 13 13-0522	LF	6" x 8", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	63.72	32.55
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*8.14*	
		For Seal Class A, Add	*17.36*	
		For Work In Restricted Working Space, Add	*16.28*	
23 31 13 13-0523	LF	6" x 10", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	72.83	37.21
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*9.30*	
		For Seal Class A, Add	*19.84*	
		For Work In Restricted Working Space, Add	*18.60*	
23 31 13 13-0524	LF	6" x 12", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	81.94	41.85
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*10.46*	
		For Seal Class A, Add	*22.32*	
		For Work In Restricted Working Space, Add	*20.93*	
23 31 13 13-0525	LF	6" x 14", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	91.04	46.51
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*11.63*	
		For Seal Class A, Add	*24.81*	
		For Work In Restricted Working Space, Add	*23.26*	
23 31 13 13-0526	LF	6" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	100.15	51.16
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*12.79*	
		For Seal Class A, Add	*27.29*	
		For Work In Restricted Working Space, Add	*25.58*	
23 31 13 13-0527	LF	8" x 8", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	72.83	37.21
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*9.30*	
		For Seal Class A, Add	*19.84*	
		For Work In Restricted Working Space, Add	*18.60*	
23 31 13 13-0528	LF	8" x 10", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	81.94	41.85
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*10.46*	
		For Seal Class A, Add	*22.32*	
		For Work In Restricted Working Space, Add	*20.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0529	LF	8" x 12", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	91.04	46.51
		For Seal Class B, Add	*11.63*	
		For Seal Class A, Add	*24.81*	
		For Work In Restricted Working Space, Add	*23.26*	
23 31 13 13-0530	LF	8" x 14", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	100.15	51.16
		For Seal Class B, Add	*12.79*	
		For Seal Class A, Add	*27.29*	
		For Work In Restricted Working Space, Add	*25.58*	
23 31 13 13-0531	LF	8" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	109.24	55.81
		For Seal Class B, Add	*13.95*	
		For Seal Class A, Add	*29.77*	
		For Work In Restricted Working Space, Add	*27.91*	
23 31 13 13-0532	LF	8" x 18", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	118.35	60.45
		For Seal Class B, Add	*15.12*	
		For Seal Class A, Add	*32.25*	
		For Work In Restricted Working Space, Add	*30.23*	
23 31 13 13-0533	LF	8" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	127.46	65.12
		For Seal Class B, Add	*16.28*	
		For Seal Class A, Add	*34.73*	
		For Work In Restricted Working Space, Add	*32.56*	
23 31 13 13-0534	LF	8" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	136.54	69.76
		For Seal Class B, Add	*17.44*	
		For Seal Class A, Add	*37.20*	
		For Work In Restricted Working Space, Add	*34.88*	
23 31 13 13-0535	LF	8" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	145.66	74.41
		For Seal Class B, Add	*18.60*	
		For Seal Class A, Add	*39.69*	
		For Work In Restricted Working Space, Add	*37.21*	
23 31 13 13-0536	LF	10" x 10", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	91.04	46.51
		For Seal Class B, Add	*11.63*	
		For Seal Class A, Add	*24.81*	
		For Work In Restricted Working Space, Add	*23.26*	
23 31 13 13-0537	LF	10" x 12", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	100.15	51.16
		For Seal Class B, Add	*12.79*	
		For Seal Class A, Add	*27.29*	
		For Work In Restricted Working Space, Add	*25.58*	
23 31 13 13-0538	LF	10" x 14", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	109.24	55.81
		For Seal Class B, Add	*13.95*	
		For Seal Class A, Add	*29.77*	
		For Work In Restricted Working Space, Add	*27.91*	
23 31 13 13-0539	LF	10" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	118.35	60.45
		For Seal Class B, Add	*15.12*	
		For Seal Class A, Add	*32.25*	
		For Work In Restricted Working Space, Add	*30.23*	
23 31 13 13-0540	LF	10" x 18", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	127.46	65.12
		For Seal Class B, Add	*16.28*	
		For Seal Class A, Add	*34.73*	
		For Work In Restricted Working Space, Add	*32.56*	
23 31 13 13-0541	LF	10" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	136.54	69.76
		For Seal Class B, Add	*17.44*	
		For Seal Class A, Add	*37.20*	
		For Work In Restricted Working Space, Add	*34.88*	
23 31 13 13-0542	LF	10" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	145.66	74.41
		For Seal Class B, Add	*18.60*	
		For Seal Class A, Add	*39.69*	
		For Work In Restricted Working Space, Add	*37.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0543	LF	10" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	154.79	79.06
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*19.77*	
		For Seal Class A, Add	*42.17*	
		For Work In Restricted Working Space, Add	*39.53*	
23 31 13 13-0544	LF	10" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	163.87	83.72
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*20.93*	
		For Seal Class A, Add	*44.65*	
		For Work In Restricted Working Space, Add	*41.86*	
23 31 13 13-0545	LF	10" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	172.99	88.36
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*22.09*	
		For Seal Class A, Add	*47.13*	
		For Work In Restricted Working Space, Add	*44.18*	
23 31 13 13-0546	LF	10" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	182.07	93.02
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*23.25*	
		For Seal Class A, Add	*49.61*	
		For Work In Restricted Working Space, Add	*46.51*	
23 31 13 13-0547	LF	10" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	191.18	97.66
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*24.42*	
		For Seal Class A, Add	*52.09*	
		For Work In Restricted Working Space, Add	*48.83*	
23 31 13 13-0548	LF	12" x 12", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	109.24	55.81
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*13.95*	
		For Seal Class A, Add	*29.77*	
		For Work In Restricted Working Space, Add	*27.91*	
23 31 13 13-0549	LF	12" x 14", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	118.35	60.45
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*15.12*	
		For Seal Class A, Add	*32.25*	
		For Work In Restricted Working Space, Add	*30.23*	
23 31 13 13-0550	LF	12" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	127.46	65.12
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*16.28*	
		For Seal Class A, Add	*34.73*	
		For Work In Restricted Working Space, Add	*32.56*	
23 31 13 13-0551	LF	12" x 18", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	136.54	69.76
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*17.44*	
		For Seal Class A, Add	*37.20*	
		For Work In Restricted Working Space, Add	*34.88*	
23 31 13 13-0552	LF	12" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	145.66	74.41
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*18.60*	
		For Seal Class A, Add	*39.69*	
		For Work In Restricted Working Space, Add	*37.21*	
23 31 13 13-0553	LF	12" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	154.79	79.06
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*19.77*	
		For Seal Class A, Add	*42.17*	
		For Work In Restricted Working Space, Add	*39.53*	
23 31 13 13-0554	LF	12" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	163.87	83.72
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*20.93*	
		For Seal Class A, Add	*44.65*	
		For Work In Restricted Working Space, Add	*41.86*	
23 31 13 13-0555	LF	12" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	172.99	88.36
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*22.09*	
		For Seal Class A, Add	*47.13*	
		For Work In Restricted Working Space, Add	*44.18*	
23 31 13 13-0556	LF	12" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	182.07	93.02
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*23.25*	
		For Seal Class A, Add	*49.61*	
		For Work In Restricted Working Space, Add	*46.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0557	LF	12" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	191.18	97.66
		For Seal Class B, Add	*24.42*	
		For Seal Class A, Add	*52.09*	
		For Work In Restricted Working Space, Add	*48.83*	
23 31 13 13-0558	LF	12" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	200.29	102.32
		For Seal Class B, Add	*25.58*	
		For Seal Class A, Add	*54.57*	
		For Work In Restricted Working Space, Add	*51.16*	
23 31 13 13-0559	LF	12" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	209.38	106.97
		For Seal Class B, Add	*26.74*	
		For Seal Class A, Add	*57.05*	
		For Work In Restricted Working Space, Add	*53.48*	
23 31 13 13-0560	LF	12" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	218.51	111.62
		For Seal Class B, Add	*27.91*	
		For Seal Class A, Add	*59.53*	
		For Work In Restricted Working Space, Add	*55.81*	
23 31 13 13-0561	LF	14" x 14", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	127.46	65.12
		For Seal Class B, Add	*16.28*	
		For Seal Class A, Add	*34.73*	
		For Work In Restricted Working Space, Add	*32.56*	
23 31 13 13-0562	LF	14" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	136.54	69.76
		For Seal Class B, Add	*17.44*	
		For Seal Class A, Add	*37.20*	
		For Work In Restricted Working Space, Add	*34.88*	
23 31 13 13-0563	LF	14" x 18", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	145.66	74.41
		For Seal Class B, Add	*18.60*	
		For Seal Class A, Add	*39.69*	
		For Work In Restricted Working Space, Add	*37.21*	
23 31 13 13-0564	LF	14" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	154.79	79.06
		For Seal Class B, Add	*19.77*	
		For Seal Class A, Add	*42.17*	
		For Work In Restricted Working Space, Add	*39.53*	
23 31 13 13-0565	LF	14" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	163.87	83.72
		For Seal Class B, Add	*20.93*	
		For Seal Class A, Add	*44.65*	
		For Work In Restricted Working Space, Add	*41.86*	
23 31 13 13-0566	LF	14" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	172.99	88.36
		For Seal Class B, Add	*22.09*	
		For Seal Class A, Add	*47.13*	
		For Work In Restricted Working Space, Add	*44.18*	
23 31 13 13-0567	LF	14" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	182.07	93.02
		For Seal Class B, Add	*23.25*	
		For Seal Class A, Add	*49.61*	
		For Work In Restricted Working Space, Add	*46.51*	
23 31 13 13-0568	LF	14" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	191.18	97.66
		For Seal Class B, Add	*24.42*	
		For Seal Class A, Add	*52.09*	
		For Work In Restricted Working Space, Add	*48.83*	
23 31 13 13-0569	LF	14" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	200.29	102.32
		For Seal Class B, Add	*25.58*	
		For Seal Class A, Add	*54.57*	
		For Work In Restricted Working Space, Add	*51.16*	
23 31 13 13-0570	LF	14" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	209.38	106.97
		For Seal Class B, Add	*26.74*	
		For Seal Class A, Add	*57.05*	
		For Work In Restricted Working Space, Add	*53.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0571	LF	14" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	218.51	111.62
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*27.91*	
		For Seal Class A, Add	*59.53*	
		For Work In Restricted Working Space, Add	*55.81*	
23 31 13 13-0572	LF	14" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	227.59	116.26
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*29.07*	
		For Seal Class A, Add	*62.01*	
		For Work In Restricted Working Space, Add	*58.14*	
23 31 13 13-0573	LF	16" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	145.66	74.41
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*18.60*	
		For Seal Class A, Add	*39.69*	
		For Work In Restricted Working Space, Add	*37.21*	
23 31 13 13-0574	LF	16" x 18", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	154.79	79.06
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*19.77*	
		For Seal Class A, Add	*42.17*	
		For Work In Restricted Working Space, Add	*39.53*	
23 31 13 13-0575	LF	16" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	163.87	83.72
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*20.93*	
		For Seal Class A, Add	*44.65*	
		For Work In Restricted Working Space, Add	*41.86*	
23 31 13 13-0576	LF	16" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	172.99	88.36
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*22.09*	
		For Seal Class A, Add	*47.13*	
		For Work In Restricted Working Space, Add	*44.18*	
23 31 13 13-0577	LF	16" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	182.07	93.02
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*23.25*	
		For Seal Class A, Add	*49.61*	
		For Work In Restricted Working Space, Add	*46.51*	
23 31 13 13-0578	LF	16" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	191.18	97.66
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*24.42*	
		For Seal Class A, Add	*52.09*	
		For Work In Restricted Working Space, Add	*48.83*	
23 31 13 13-0579	LF	16" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	200.29	102.32
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*25.58*	
		For Seal Class A, Add	*54.57*	
		For Work In Restricted Working Space, Add	*51.16*	
23 31 13 13-0580	LF	16" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	209.38	106.97
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*26.74*	
		For Seal Class A, Add	*57.05*	
		For Work In Restricted Working Space, Add	*53.48*	
23 31 13 13-0581	LF	16" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	218.51	111.62
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*27.91*	
		For Seal Class A, Add	*59.53*	
		For Work In Restricted Working Space, Add	*55.81*	
23 31 13 13-0582	LF	16" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	227.59	116.26
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*29.07*	
		For Seal Class A, Add	*62.01*	
		For Work In Restricted Working Space, Add	*58.14*	
23 31 13 13-0583	LF	16" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	236.70	120.93
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*30.23*	
		For Seal Class A, Add	*64.49*	
		For Work In Restricted Working Space, Add	*60.46*	
23 31 13 13-0584	LF	16" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	245.82	125.57
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*31.39*	
		For Seal Class A, Add	*66.97*	
		For Work In Restricted Working Space, Add	*62.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0585	LF	16" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	254.90	130.22
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*32.56*	
		For Seal Class A, Add	*69.45*	
		For Work In Restricted Working Space, Add	*65.11*	
23 31 13 13-0586	LF	16" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	264.02	134.88
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*33.72*	
		For Seal Class A, Add	*71.93*	
		For Work In Restricted Working Space, Add	*67.44*	
23 31 13 13-0587	LF	16" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	273.14	139.53
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*34.88*	
		For Seal Class A, Add	*74.42*	
		For Work In Restricted Working Space, Add	*69.77*	
23 31 13 13-0588	LF	18" x 18", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	163.87	83.72
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*20.93*	
		For Seal Class A, Add	*44.65*	
		For Work In Restricted Working Space, Add	*41.86*	
23 31 13 13-0589	LF	18" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	172.99	88.36
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*22.09*	
		For Seal Class A, Add	*47.13*	
		For Work In Restricted Working Space, Add	*44.18*	
23 31 13 13-0590	LF	18" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	182.07	93.02
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*23.25*	
		For Seal Class A, Add	*49.61*	
		For Work In Restricted Working Space, Add	*46.51*	
23 31 13 13-0591	LF	18" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	191.18	97.66
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*24.42*	
		For Seal Class A, Add	*52.09*	
		For Work In Restricted Working Space, Add	*48.83*	
23 31 13 13-0592	LF	18" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	200.29	102.32
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*25.58*	
		For Seal Class A, Add	*54.57*	
		For Work In Restricted Working Space, Add	*51.16*	
23 31 13 13-0593	LF	18" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	209.38	106.97
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*26.74*	
		For Seal Class A, Add	*57.05*	
		For Work In Restricted Working Space, Add	*53.48*	
23 31 13 13-0594	LF	18" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	218.51	111.62
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*27.91*	
		For Seal Class A, Add	*59.53*	
		For Work In Restricted Working Space, Add	*55.81*	
23 31 13 13-0595	LF	18" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	227.59	116.26
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*29.07*	
		For Seal Class A, Add	*62.01*	
		For Work In Restricted Working Space, Add	*58.14*	
23 31 13 13-0596	LF	18" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	236.70	120.93
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*30.23*	
		For Seal Class A, Add	*64.49*	
		For Work In Restricted Working Space, Add	*60.46*	
23 31 13 13-0597	LF	18" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	245.82	125.57
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*31.39*	
		For Seal Class A, Add	*66.97*	
		For Work In Restricted Working Space, Add	*62.79*	
23 31 13 13-0598	LF	18" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	254.90	130.22
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*32.56*	
		For Seal Class A, Add	*69.45*	
		For Work In Restricted Working Space, Add	*65.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0599	LF	18" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	264.02	134.88
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*33.72*	
		For Seal Class A, Add	*71.93*	
		For Work In Restricted Working Space, Add	*67.44*	
23 31 13 13-0600	LF	18" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	273.14	139.53
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*34.88*	
		For Seal Class A, Add	*74.42*	
		For Work In Restricted Working Space, Add	*69.77*	
23 31 13 13-0601	LF	18" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	282.22	144.17
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*36.05*	
		For Seal Class A, Add	*76.90*	
		For Work In Restricted Working Space, Add	*72.09*	
23 31 13 13-0602	LF	18" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	291.34	148.83
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*37.21*	
		For Seal Class A, Add	*79.38*	
		For Work In Restricted Working Space, Add	*74.42*	
23 31 13 13-0603	LF	20" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	182.07	93.02
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*23.25*	
		For Seal Class A, Add	*49.61*	
		For Work In Restricted Working Space, Add	*46.51*	
23 31 13 13-0604	LF	20" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	191.18	97.66
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*24.42*	
		For Seal Class A, Add	*52.09*	
		For Work In Restricted Working Space, Add	*48.83*	
23 31 13 13-0605	LF	20" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	200.29	102.32
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*25.58*	
		For Seal Class A, Add	*54.57*	
		For Work In Restricted Working Space, Add	*51.16*	
23 31 13 13-0606	LF	20" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	209.38	106.97
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*26.74*	
		For Seal Class A, Add	*57.05*	
		For Work In Restricted Working Space, Add	*53.48*	
23 31 13 13-0607	LF	20" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	218.51	111.62
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*27.91*	
		For Seal Class A, Add	*59.53*	
		For Work In Restricted Working Space, Add	*55.81*	
23 31 13 13-0608	LF	20" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	227.59	116.26
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*29.07*	
		For Seal Class A, Add	*62.01*	
		For Work In Restricted Working Space, Add	*58.14*	
23 31 13 13-0609	LF	20" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	236.70	120.93
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*30.23*	
		For Seal Class A, Add	*64.49*	
		For Work In Restricted Working Space, Add	*60.46*	
23 31 13 13-0610	LF	20" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	245.82	125.57
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*31.39*	
		For Seal Class A, Add	*66.97*	
		For Work In Restricted Working Space, Add	*62.79*	
23 31 13 13-0611	LF	20" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	254.90	130.22
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*32.56*	
		For Seal Class A, Add	*69.45*	
		For Work In Restricted Working Space, Add	*65.11*	
23 31 13 13-0612	LF	20" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	264.02	134.88
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*33.72*	
		For Seal Class A, Add	*71.93*	
		For Work In Restricted Working Space, Add	*67.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0613	LF	20" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	273.14	139.53
		For Seal Class B, Add	*34.88*	
		For Seal Class A, Add	*74.42*	
		For Work In Restricted Working Space, Add	*69.77*	
23 31 13 13-0614	LF	20" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	282.22	144.17
		For Seal Class B, Add	*36.05*	
		For Seal Class A, Add	*76.90*	
		For Work In Restricted Working Space, Add	*72.09*	
23 31 13 13-0615	LF	20" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	291.34	148.83
		For Seal Class B, Add	*37.21*	
		For Seal Class A, Add	*79.38*	
		For Work In Restricted Working Space, Add	*74.42*	
23 31 13 13-0616	LF	20" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	300.42	153.48
		For Seal Class B, Add	*38.37*	
		For Seal Class A, Add	*81.86*	
		For Work In Restricted Working Space, Add	*76.74*	
23 31 13 13-0617	LF	20" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	309.54	158.14
		For Seal Class B, Add	*39.53*	
		For Seal Class A, Add	*84.34*	
		For Work In Restricted Working Space, Add	*79.07*	
23 31 13 13-0618	LF	22" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	200.29	102.32
		For Seal Class B, Add	*25.58*	
		For Seal Class A, Add	*54.57*	
		For Work In Restricted Working Space, Add	*51.16*	
23 31 13 13-0619	LF	22" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	209.38	106.97
		For Seal Class B, Add	*26.74*	
		For Seal Class A, Add	*57.05*	
		For Work In Restricted Working Space, Add	*53.48*	
23 31 13 13-0620	LF	22" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	218.51	111.62
		For Seal Class B, Add	*27.91*	
		For Seal Class A, Add	*59.53*	
		For Work In Restricted Working Space, Add	*55.81*	
23 31 13 13-0621	LF	22" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	227.59	116.26
		For Seal Class B, Add	*29.07*	
		For Seal Class A, Add	*62.01*	
		For Work In Restricted Working Space, Add	*58.14*	
23 31 13 13-0622	LF	22" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	236.70	120.93
		For Seal Class B, Add	*30.23*	
		For Seal Class A, Add	*64.49*	
		For Work In Restricted Working Space, Add	*60.46*	
23 31 13 13-0623	LF	22" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	245.82	125.57
		For Seal Class B, Add	*31.39*	
		For Seal Class A, Add	*66.97*	
		For Work In Restricted Working Space, Add	*62.79*	
23 31 13 13-0624	LF	22" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	254.90	130.22
		For Seal Class B, Add	*32.56*	
		For Seal Class A, Add	*69.45*	
		For Work In Restricted Working Space, Add	*65.11*	
23 31 13 13-0625	LF	22" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	264.02	134.88
		For Seal Class B, Add	*33.72*	
		For Seal Class A, Add	*71.93*	
		For Work In Restricted Working Space, Add	*67.44*	
23 31 13 13-0626	LF	22" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	273.14	139.53
		For Seal Class B, Add	*34.88*	
		For Seal Class A, Add	*74.42*	
		For Work In Restricted Working Space, Add	*69.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0627	LF	22" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	282.22	144.17
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*36.05*	
		For Seal Class A, Add	*76.90*	
		For Work In Restricted Working Space, Add	*72.09*	
23 31 13 13-0628	LF	22" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	291.34	148.83
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*37.21*	
		For Seal Class A, Add	*79.38*	
		For Work In Restricted Working Space, Add	*74.42*	
23 31 13 13-0629	LF	22" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	300.42	153.48
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*38.37*	
		For Seal Class A, Add	*81.86*	
		For Work In Restricted Working Space, Add	*76.74*	
23 31 13 13-0630	LF	22" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	309.54	158.14
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*39.53*	
		For Seal Class A, Add	*84.34*	
		For Work In Restricted Working Space, Add	*79.07*	
23 31 13 13-0631	LF	22" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	318.65	162.78
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*40.70*	
		For Seal Class A, Add	*86.82*	
		For Work In Restricted Working Space, Add	*81.39*	
23 31 13 13-0632	LF	24" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	218.51	111.62
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*27.91*	
		For Seal Class A, Add	*59.53*	
		For Work In Restricted Working Space, Add	*55.81*	
23 31 13 13-0633	LF	24" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	227.59	116.26
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*29.07*	
		For Seal Class A, Add	*62.01*	
		For Work In Restricted Working Space, Add	*58.14*	
23 31 13 13-0634	LF	24" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	236.70	120.93
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*30.23*	
		For Seal Class A, Add	*64.49*	
		For Work In Restricted Working Space, Add	*60.46*	
23 31 13 13-0635	LF	24" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	245.82	125.57
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*31.39*	
		For Seal Class A, Add	*66.97*	
		For Work In Restricted Working Space, Add	*62.79*	
23 31 13 13-0636	LF	24" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	254.90	130.22
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*32.56*	
		For Seal Class A, Add	*69.45*	
		For Work In Restricted Working Space, Add	*65.11*	
23 31 13 13-0637	LF	24" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	264.02	134.88
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*33.72*	
		For Seal Class A, Add	*71.93*	
		For Work In Restricted Working Space, Add	*67.44*	
23 31 13 13-0638	LF	24" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	273.14	139.53
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*34.88*	
		For Seal Class A, Add	*74.42*	
		For Work In Restricted Working Space, Add	*69.77*	
23 31 13 13-0639	LF	24" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	282.22	144.17
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*36.05*	
		For Seal Class A, Add	*76.90*	
		For Work In Restricted Working Space, Add	*72.09*	
23 31 13 13-0640	LF	24" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	291.34	148.83
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*37.21*	
		For Seal Class A, Add	*79.38*	
		For Work In Restricted Working Space, Add	*74.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0641	LF	24" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	300.42	153.48
		For Seal Class B, Add	*38.37*	
		For Seal Class A, Add	*81.86*	
		For Work In Restricted Working Space, Add	*76.74*	
23 31 13 13-0642	LF	24" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	309.54	158.14
		For Seal Class B, Add	*39.53*	
		For Seal Class A, Add	*84.34*	
		For Work In Restricted Working Space, Add	*79.07*	
23 31 13 13-0643	LF	24" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	318.65	162.78
		For Seal Class B, Add	*40.70*	
		For Seal Class A, Add	*86.82*	
		For Work In Restricted Working Space, Add	*81.39*	
23 31 13 13-0644	LF	24" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	327.74	167.43
		For Seal Class B, Add	*41.86*	
		For Seal Class A, Add	*89.30*	
		For Work In Restricted Working Space, Add	*83.72*	
23 31 13 13-0645	LF	26" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	236.70	120.93
		For Seal Class B, Add	*30.23*	
		For Seal Class A, Add	*64.49*	
		For Work In Restricted Working Space, Add	*60.46*	
23 31 13 13-0646	LF	26" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	245.82	125.57
		For Seal Class B, Add	*31.39*	
		For Seal Class A, Add	*66.97*	
		For Work In Restricted Working Space, Add	*62.79*	
23 31 13 13-0647	LF	26" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	254.90	130.22
		For Seal Class B, Add	*32.56*	
		For Seal Class A, Add	*69.45*	
		For Work In Restricted Working Space, Add	*65.11*	
23 31 13 13-0648	LF	26" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	264.02	134.88
		For Seal Class B, Add	*33.72*	
		For Seal Class A, Add	*71.93*	
		For Work In Restricted Working Space, Add	*67.44*	
23 31 13 13-0649	LF	26" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	273.14	139.53
		For Seal Class B, Add	*34.88*	
		For Seal Class A, Add	*74.42*	
		For Work In Restricted Working Space, Add	*69.77*	
23 31 13 13-0650	LF	26" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	282.22	144.17
		For Seal Class B, Add	*36.05*	
		For Seal Class A, Add	*76.90*	
		For Work In Restricted Working Space, Add	*72.09*	
23 31 13 13-0651	LF	26" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	291.34	148.83
		For Seal Class B, Add	*37.21*	
		For Seal Class A, Add	*79.38*	
		For Work In Restricted Working Space, Add	*74.42*	
23 31 13 13-0652	LF	26" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	300.42	153.48
		For Seal Class B, Add	*38.37*	
		For Seal Class A, Add	*81.86*	
		For Work In Restricted Working Space, Add	*76.74*	
23 31 13 13-0653	LF	26" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	309.54	158.14
		For Seal Class B, Add	*39.53*	
		For Seal Class A, Add	*84.34*	
		For Work In Restricted Working Space, Add	*79.07*	
23 31 13 13-0654	LF	26" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	318.65	162.78
		For Seal Class B, Add	*40.70*	
		For Seal Class A, Add	*86.82*	
		For Work In Restricted Working Space, Add	*81.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0655	LF	26" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	327.74	167.43
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*41.86*	
		For Seal Class A, Add	*89.30*	
		For Work In Restricted Working Space, Add	*83.72*	
23 31 13 13-0656	LF	26" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	336.86	172.09
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*43.02*	
		For Seal Class A, Add	*91.78*	
		For Work In Restricted Working Space, Add	*86.04*	
23 31 13 13-0657	LF	28" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	254.90	130.22
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*32.56*	
		For Seal Class A, Add	*69.45*	
		For Work In Restricted Working Space, Add	*65.11*	
23 31 13 13-0658	LF	28" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	264.02	134.88
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*33.72*	
		For Seal Class A, Add	*71.93*	
		For Work In Restricted Working Space, Add	*67.44*	
23 31 13 13-0659	LF	28" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	273.14	139.53
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*34.88*	
		For Seal Class A, Add	*74.42*	
		For Work In Restricted Working Space, Add	*69.77*	
23 31 13 13-0660	LF	28" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	282.22	144.17
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*36.05*	
		For Seal Class A, Add	*76.90*	
		For Work In Restricted Working Space, Add	*72.09*	
23 31 13 13-0661	LF	28" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	291.34	148.83
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*37.21*	
		For Seal Class A, Add	*79.38*	
		For Work In Restricted Working Space, Add	*74.42*	
23 31 13 13-0662	LF	28" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	300.42	153.48
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*38.37*	
		For Seal Class A, Add	*81.86*	
		For Work In Restricted Working Space, Add	*76.74*	
23 31 13 13-0663	LF	28" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	309.54	158.14
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*39.53*	
		For Seal Class A, Add	*84.34*	
		For Work In Restricted Working Space, Add	*79.07*	
23 31 13 13-0664	LF	28" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	318.65	162.78
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*40.70*	
		For Seal Class A, Add	*86.82*	
		For Work In Restricted Working Space, Add	*81.39*	
23 31 13 13-0665	LF	28" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	327.74	167.43
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*41.86*	
		For Seal Class A, Add	*89.30*	
		For Work In Restricted Working Space, Add	*83.72*	
23 31 13 13-0666	LF	28" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	336.86	172.09
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*43.02*	
		For Seal Class A, Add	*91.78*	
		For Work In Restricted Working Space, Add	*86.04*	
23 31 13 13-0667	LF	28" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	345.94	176.74
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*44.18*	
		For Seal Class A, Add	*94.26*	
		For Work In Restricted Working Space, Add	*88.37*	
23 31 13 13-0668	LF	30" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	273.14	139.53
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*34.88*	
		For Seal Class A, Add	*74.42*	
		For Work In Restricted Working Space, Add	*69.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0669	LF	30" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	282.22	144.17
		For Seal Class B, Add	*36.05*	
		For Seal Class A, Add	*76.90*	
		For Work In Restricted Working Space, Add	*72.09*	
23 31 13 13-0670	LF	30" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	291.34	148.83
		For Seal Class B, Add	*37.21*	
		For Seal Class A, Add	*79.38*	
		For Work In Restricted Working Space, Add	*74.42*	
23 31 13 13-0671	LF	30" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	300.42	153.48
		For Seal Class B, Add	*38.37*	
		For Seal Class A, Add	*81.86*	
		For Work In Restricted Working Space, Add	*76.74*	
23 31 13 13-0672	LF	30" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	309.54	158.14
		For Seal Class B, Add	*39.53*	
		For Seal Class A, Add	*84.34*	
		For Work In Restricted Working Space, Add	*79.07*	
23 31 13 13-0673	LF	30" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	318.65	162.78
		For Seal Class B, Add	*40.70*	
		For Seal Class A, Add	*86.82*	
		For Work In Restricted Working Space, Add	*81.39*	
23 31 13 13-0674	LF	30" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	327.74	167.43
		For Seal Class B, Add	*41.86*	
		For Seal Class A, Add	*89.30*	
		For Work In Restricted Working Space, Add	*83.72*	
23 31 13 13-0675	LF	30" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	336.86	172.09
		For Seal Class B, Add	*43.02*	
		For Seal Class A, Add	*91.78*	
		For Work In Restricted Working Space, Add	*86.04*	
23 31 13 13-0676	LF	30" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	345.94	176.74
		For Seal Class B, Add	*44.18*	
		For Seal Class A, Add	*94.26*	
		For Work In Restricted Working Space, Add	*88.37*	
23 31 13 13-0677	LF	30" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	355.06	181.38
		For Seal Class B, Add	*45.35*	
		For Seal Class A, Add	*96.74*	
		For Work In Restricted Working Space, Add	*90.69*	
23 31 13 13-0678	LF	32" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	291.34	148.83
		For Seal Class B, Add	*37.21*	
		For Seal Class A, Add	*79.38*	
		For Work In Restricted Working Space, Add	*74.42*	
23 31 13 13-0679	LF	32" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	300.42	153.48
		For Seal Class B, Add	*38.37*	
		For Seal Class A, Add	*81.86*	
		For Work In Restricted Working Space, Add	*76.74*	
23 31 13 13-0680	LF	32" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	309.54	158.14
		For Seal Class B, Add	*39.53*	
		For Seal Class A, Add	*84.34*	
		For Work In Restricted Working Space, Add	*79.07*	
23 31 13 13-0681	LF	32" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	318.65	162.78
		For Seal Class B, Add	*40.70*	
		For Seal Class A, Add	*86.82*	
		For Work In Restricted Working Space, Add	*81.39*	
23 31 13 13-0682	LF	32" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	327.74	167.43
		For Seal Class B, Add	*41.86*	
		For Seal Class A, Add	*89.30*	
		For Work In Restricted Working Space, Add	*83.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0683	LF	32" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	336.86	172.09
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*43.02*	
		For Seal Class A, Add	*91.78*	
		For Work In Restricted Working Space, Add	*86.04*	
23 31 13 13-0684	LF	32" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	345.94	176.74
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*44.18*	
		For Seal Class A, Add	*94.26*	
		For Work In Restricted Working Space, Add	*88.37*	
23 31 13 13-0685	LF	32" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	355.06	181.38
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*45.35*	
		For Seal Class A, Add	*96.74*	
		For Work In Restricted Working Space, Add	*90.69*	
23 31 13 13-0686	LF	32" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	364.17	186.04
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*46.51*	
		For Seal Class A, Add	*99.22*	
		For Work In Restricted Working Space, Add	*93.02*	
23 31 13 13-0687	LF	34" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	309.54	158.14
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*39.53*	
		For Seal Class A, Add	*84.34*	
		For Work In Restricted Working Space, Add	*79.07*	
23 31 13 13-0688	LF	34" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	318.65	162.78
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*40.70*	
		For Seal Class A, Add	*86.82*	
		For Work In Restricted Working Space, Add	*81.39*	
23 31 13 13-0689	LF	34" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	327.74	167.43
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*41.86*	
		For Seal Class A, Add	*89.30*	
		For Work In Restricted Working Space, Add	*83.72*	
23 31 13 13-0690	LF	34" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	336.86	172.09
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*43.02*	
		For Seal Class A, Add	*91.78*	
		For Work In Restricted Working Space, Add	*86.04*	
23 31 13 13-0691	LF	34" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	345.94	176.74
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*44.18*	
		For Seal Class A, Add	*94.26*	
		For Work In Restricted Working Space, Add	*88.37*	
23 31 13 13-0692	LF	34" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	355.06	181.38
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*45.35*	
		For Seal Class A, Add	*96.74*	
		For Work In Restricted Working Space, Add	*90.69*	
23 31 13 13-0693	LF	34" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	364.17	186.04
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*46.51*	
		For Seal Class A, Add	*99.22*	
		For Work In Restricted Working Space, Add	*93.02*	
23 31 13 13-0694	LF	34" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	373.26	190.69
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*47.67*	
		For Seal Class A, Add	*101.70*	
		For Work In Restricted Working Space, Add	*95.34*	
23 31 13 13-0695	LF	36" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	327.74	167.43
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*41.86*	
		For Seal Class A, Add	*89.30*	
		For Work In Restricted Working Space, Add	*83.72*	
23 31 13 13-0696	LF	36" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	336.86	172.09
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*43.02*	
		For Seal Class A, Add	*91.78*	
		For Work In Restricted Working Space, Add	*86.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0697	LF	36" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	345.94	176.74
		For Seal Class B, Add	*44.18*	
		For Seal Class A, Add	*94.26*	
		For Work In Restricted Working Space, Add	*88.37*	
23 31 13 13-0698	LF	36" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	355.06	181.38
		For Seal Class B, Add	*45.35*	
		For Seal Class A, Add	*96.74*	
		For Work In Restricted Working Space, Add	*90.69*	
23 31 13 13-0699	LF	36" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	364.17	186.04
		For Seal Class B, Add	*46.51*	
		For Seal Class A, Add	*99.22*	
		For Work In Restricted Working Space, Add	*93.02*	
23 31 13 13-0700	LF	36" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	373.26	190.69
		For Seal Class B, Add	*47.67*	
		For Seal Class A, Add	*101.70*	
		For Work In Restricted Working Space, Add	*95.34*	
23 31 13 13-0701	LF	36" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	382.37	195.34
		For Seal Class B, Add	*48.83*	
		For Seal Class A, Add	*104.18*	
		For Work In Restricted Working Space, Add	*97.67*	
23 31 13 13-0702	LF	38" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	345.94	176.74
		For Seal Class B, Add	*44.18*	
		For Seal Class A, Add	*94.26*	
		For Work In Restricted Working Space, Add	*88.37*	
23 31 13 13-0703	LF	38" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	355.06	181.38
		For Seal Class B, Add	*45.35*	
		For Seal Class A, Add	*96.74*	
		For Work In Restricted Working Space, Add	*90.69*	
23 31 13 13-0704	LF	38" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	364.17	186.04
		For Seal Class B, Add	*46.51*	
		For Seal Class A, Add	*99.22*	
		For Work In Restricted Working Space, Add	*93.02*	
23 31 13 13-0705	LF	38" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	373.26	190.69
		For Seal Class B, Add	*47.67*	
		For Seal Class A, Add	*101.70*	
		For Work In Restricted Working Space, Add	*95.34*	
23 31 13 13-0706	LF	38" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	382.37	195.34
		For Seal Class B, Add	*48.83*	
		For Seal Class A, Add	*104.18*	
		For Work In Restricted Working Space, Add	*97.67*	
23 31 13 13-0707	LF	38" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	391.49	199.99
		For Seal Class B, Add	*50.00*	
		For Seal Class A, Add	*106.66*	
		For Work In Restricted Working Space, Add	*100.00*	
23 31 13 13-0708	LF	38" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	400.58	204.65
		For Seal Class B, Add	*51.16*	
		For Seal Class A, Add	*109.14*	
		For Work In Restricted Working Space, Add	*102.32*	
23 31 13 13-0709	LF	40" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	364.17	186.04
		For Seal Class B, Add	*46.51*	
		For Seal Class A, Add	*99.22*	
		For Work In Restricted Working Space, Add	*93.02*	
23 31 13 13-0710	LF	40" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	373.26	190.69
		For Seal Class B, Add	*47.67*	
		For Seal Class A, Add	*101.70*	
		For Work In Restricted Working Space, Add	*95.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0711	LF	40" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	382.37	195.34
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*48.83*	
		For Seal Class A, Add	*104.18*	
		For Work In Restricted Working Space, Add	*97.67*	
23 31 13 13-0712	LF	40" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	391.49	199.99
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*50.00*	
		For Seal Class A, Add	*106.66*	
		For Work In Restricted Working Space, Add	*100.00*	
23 31 13 13-0713	LF	40" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	400.58	204.65
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*51.16*	
		For Seal Class A, Add	*109.14*	
		For Work In Restricted Working Space, Add	*102.32*	
23 31 13 13-0714	LF	40" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	409.69	209.29
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*52.32*	
		For Seal Class A, Add	*111.62*	
		For Work In Restricted Working Space, Add	*104.65*	
23 31 13 13-0715	LF	40" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	418.78	213.95
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*53.49*	
		For Seal Class A, Add	*114.10*	
		For Work In Restricted Working Space, Add	*106.97*	
23 31 13 13-0716	LF	40" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	427.88	218.59
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*54.65*	
		For Seal Class A, Add	*116.58*	
		For Work In Restricted Working Space, Add	*109.29*	
23 31 13 13-0717	LF	40" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	437.00	223.25
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*55.81*	
		For Seal Class A, Add	*119.06*	
		For Work In Restricted Working Space, Add	*111.62*	
23 31 13 13-0718	LF	42" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	382.37	195.34
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*48.83*	
		For Seal Class A, Add	*104.18*	
		For Work In Restricted Working Space, Add	*97.67*	
23 31 13 13-0719	LF	42" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	391.49	199.99
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*50.00*	
		For Seal Class A, Add	*106.66*	
		For Work In Restricted Working Space, Add	*100.00*	
23 31 13 13-0720	LF	42" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	400.58	204.65
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*51.16*	
		For Seal Class A, Add	*109.14*	
		For Work In Restricted Working Space, Add	*102.32*	
23 31 13 13-0721	LF	42" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	409.69	209.29
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*52.32*	
		For Seal Class A, Add	*111.62*	
		For Work In Restricted Working Space, Add	*104.65*	
23 31 13 13-0722	LF	42" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	418.78	213.95
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*53.49*	
		For Seal Class A, Add	*114.10*	
		For Work In Restricted Working Space, Add	*106.97*	
23 31 13 13-0723	LF	42" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	427.88	218.59
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*54.65*	
		For Seal Class A, Add	*116.58*	
		For Work In Restricted Working Space, Add	*109.29*	
23 31 13 13-0724	LF	42" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	437.00	223.25
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*55.81*	
		For Seal Class A, Add	*119.06*	
		For Work In Restricted Working Space, Add	*111.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0725	LF	42" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	446.09	227.90
		For Seal Class B, Add	*56.97*	
		For Seal Class A, Add	*121.54*	
		For Work In Restricted Working Space, Add	*113.95*	
23 31 13 13-0726	LF	44" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	400.58	204.65
		For Seal Class B, Add	*51.16*	
		For Seal Class A, Add	*109.14*	
		For Work In Restricted Working Space, Add	*102.32*	
23 31 13 13-0727	LF	44" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	409.69	209.29
		For Seal Class B, Add	*52.32*	
		For Seal Class A, Add	*111.62*	
		For Work In Restricted Working Space, Add	*104.65*	
23 31 13 13-0728	LF	44" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	418.78	213.95
		For Seal Class B, Add	*53.49*	
		For Seal Class A, Add	*114.10*	
		For Work In Restricted Working Space, Add	*106.97*	
23 31 13 13-0729	LF	44" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	427.88	218.59
		For Seal Class B, Add	*54.65*	
		For Seal Class A, Add	*116.58*	
		For Work In Restricted Working Space, Add	*109.29*	
23 31 13 13-0730	LF	44" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	437.00	223.25
		For Seal Class B, Add	*55.81*	
		For Seal Class A, Add	*119.06*	
		For Work In Restricted Working Space, Add	*111.62*	
23 31 13 13-0731	LF	44" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	446.09	227.90
		For Seal Class B, Add	*56.97*	
		For Seal Class A, Add	*121.54*	
		For Work In Restricted Working Space, Add	*113.95*	
23 31 13 13-0732	LF	44" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	455.21	232.55
		For Seal Class B, Add	*58.14*	
		For Seal Class A, Add	*124.03*	
		For Work In Restricted Working Space, Add	*116.27*	
23 31 13 13-0733	LF	46" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	418.78	213.95
		For Seal Class B, Add	*53.49*	
		For Seal Class A, Add	*114.10*	
		For Work In Restricted Working Space, Add	*106.97*	
23 31 13 13-0734	LF	46" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	427.88	218.59
		For Seal Class B, Add	*54.65*	
		For Seal Class A, Add	*116.58*	
		For Work In Restricted Working Space, Add	*109.29*	
23 31 13 13-0735	LF	46" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	437.00	223.25
		For Seal Class B, Add	*55.81*	
		For Seal Class A, Add	*119.06*	
		For Work In Restricted Working Space, Add	*111.62*	
23 31 13 13-0736	LF	46" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	446.09	227.90
		For Seal Class B, Add	*56.97*	
		For Seal Class A, Add	*121.54*	
		For Work In Restricted Working Space, Add	*113.95*	
23 31 13 13-0737	LF	46" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	455.21	232.55
		For Seal Class B, Add	*58.14*	
		For Seal Class A, Add	*124.03*	
		For Work In Restricted Working Space, Add	*116.27*	
23 31 13 13-0738	LF	46" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	472.07	241.86
		For Seal Class B, Add	*60.46*	
		For Seal Class A, Add	*128.99*	
		For Work In Restricted Working Space, Add	*120.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0739	LF	46" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	481.16	246.50
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*61.62*	
		For Seal Class A, Add	*131.47*	
		For Work In Restricted Working Space, Add	*123.25*	
23 31 13 13-0740	LF	48" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	437.00	223.25
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*55.81*	
		For Seal Class A, Add	*119.06*	
		For Work In Restricted Working Space, Add	*111.62*	
23 31 13 13-0741	LF	48" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	446.09	227.90
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*56.97*	
		For Seal Class A, Add	*121.54*	
		For Work In Restricted Working Space, Add	*113.95*	
23 31 13 13-0742	LF	48" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	455.21	232.55
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*58.14*	
		For Seal Class A, Add	*124.03*	
		For Work In Restricted Working Space, Add	*116.27*	
23 31 13 13-0743	LF	48" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	464.32	237.19
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*59.30*	
		For Seal Class A, Add	*126.51*	
		For Work In Restricted Working Space, Add	*118.60*	
23 31 13 13-0744	LF	48" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	473.41	241.86
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*60.46*	
		For Seal Class A, Add	*128.99*	
		For Work In Restricted Working Space, Add	*120.92*	
23 31 13 13-0745	LF	48" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	482.52	246.50
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*61.62*	
		For Seal Class A, Add	*131.47*	
		For Work In Restricted Working Space, Add	*123.25*	
23 31 13 13-0746	LF	48" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	491.60	251.15
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*62.79*	
		For Seal Class A, Add	*133.94*	
		For Work In Restricted Working Space, Add	*125.57*	
23 31 13 13-0747	LF	50" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	455.21	232.55
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*58.14*	
		For Seal Class A, Add	*124.03*	
		For Work In Restricted Working Space, Add	*116.27*	
23 31 13 13-0748	LF	50" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	464.32	237.19
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*59.30*	
		For Seal Class A, Add	*126.51*	
		For Work In Restricted Working Space, Add	*118.60*	
23 31 13 13-0749	LF	50" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	473.41	241.86
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*60.46*	
		For Seal Class A, Add	*128.99*	
		For Work In Restricted Working Space, Add	*120.92*	
23 31 13 13-0750	LF	50" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	482.52	246.50
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*61.62*	
		For Seal Class A, Add	*131.47*	
		For Work In Restricted Working Space, Add	*123.25*	
23 31 13 13-0751	LF	50" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	491.60	251.15
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*62.79*	
		For Seal Class A, Add	*133.94*	
		For Work In Restricted Working Space, Add	*125.57*	
23 31 13 13-0752	LF	50" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	500.72	255.80
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*63.95*	
		For Seal Class A, Add	*136.43*	
		For Work In Restricted Working Space, Add	*127.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0753	LF	52" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	473.41	241.86
		For Seal Class B, Add	*60.46*	
		For Seal Class A, Add	*128.99*	
		For Work In Restricted Working Space, Add	*120.92*	
23 31 13 13-0754	LF	52" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	482.52	246.50
		For Seal Class B, Add	*61.62*	
		For Seal Class A, Add	*131.47*	
		For Work In Restricted Working Space, Add	*123.25*	
23 31 13 13-0755	LF	52" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	491.60	251.15
		For Seal Class B, Add	*62.79*	
		For Seal Class A, Add	*133.94*	
		For Work In Restricted Working Space, Add	*125.57*	
23 31 13 13-0756	LF	52" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	500.72	255.80
		For Seal Class B, Add	*63.95*	
		For Seal Class A, Add	*136.43*	
		For Work In Restricted Working Space, Add	*127.90*	
23 31 13 13-0757	LF	52" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	509.84	260.46
		For Seal Class B, Add	*65.11*	
		For Seal Class A, Add	*138.91*	
		For Work In Restricted Working Space, Add	*130.23*	
23 31 13 13-0758	LF	54" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	491.60	251.15
		For Seal Class B, Add	*62.79*	
		For Seal Class A, Add	*133.94*	
		For Work In Restricted Working Space, Add	*125.57*	
23 31 13 13-0759	LF	54" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	500.72	255.80
		For Seal Class B, Add	*63.95*	
		For Seal Class A, Add	*136.43*	
		For Work In Restricted Working Space, Add	*127.90*	
23 31 13 13-0760	LF	54" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	509.84	260.46
		For Seal Class B, Add	*65.11*	
		For Seal Class A, Add	*138.91*	
		For Work In Restricted Working Space, Add	*130.23*	
23 31 13 13-0761	LF	54" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	518.93	265.10
		For Seal Class B, Add	*66.28*	
		For Seal Class A, Add	*141.39*	
		For Work In Restricted Working Space, Add	*132.55*	
23 31 13 13-0762	LF	54" x 62", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	528.04	269.75
		For Seal Class B, Add	*67.44*	
		For Seal Class A, Add	*143.87*	
		For Work In Restricted Working Space, Add	*134.88*	
23 31 13 13-0763	LF	54" x 64", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	537.13	274.40
		For Seal Class B, Add	*68.60*	
		For Seal Class A, Add	*146.35*	
		For Work In Restricted Working Space, Add	*137.20*	
23 31 13 13-0764	LF	56" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	509.84	260.46
		For Seal Class B, Add	*65.11*	
		For Seal Class A, Add	*138.91*	
		For Work In Restricted Working Space, Add	*130.23*	
23 31 13 13-0765	LF	56" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	518.93	265.10
		For Seal Class B, Add	*66.28*	
		For Seal Class A, Add	*141.39*	
		For Work In Restricted Working Space, Add	*132.55*	
23 31 13 13-0766	LF	56" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	528.04	269.75
		For Seal Class B, Add	*67.44*	
		For Seal Class A, Add	*143.87*	
		For Work In Restricted Working Space, Add	*134.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0767	LF	56" x 62", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	537.13	274.40
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*68.60*	
		For Seal Class A, Add	*146.35*	
		For Work In Restricted Working Space, Add	*137.20*	
23 31 13 13-0768	LF	56" x 64", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	546.24	279.05
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*69.76*	
		For Seal Class A, Add	*148.83*	
		For Work In Restricted Working Space, Add	*139.53*	
23 31 13 13-0769	LF	58" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	528.04	269.75
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*67.44*	
		For Seal Class A, Add	*143.87*	
		For Work In Restricted Working Space, Add	*134.88*	
23 31 13 13-0770	LF	58" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	537.13	274.40
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*68.60*	
		For Seal Class A, Add	*146.35*	
		For Work In Restricted Working Space, Add	*137.20*	
23 31 13 13-0771	LF	58" x 62", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	546.24	279.05
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*69.76*	
		For Seal Class A, Add	*148.83*	
		For Work In Restricted Working Space, Add	*139.53*	
23 31 13 13-0772	LF	58" x 64", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	555.34	283.71
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*70.92*	
		For Seal Class A, Add	*151.31*	
		For Work In Restricted Working Space, Add	*141.85*	
23 31 13 13-0773	LF	58" x 66", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	564.44	288.35
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*72.09*	
		For Seal Class A, Add	*153.79*	
		For Work In Restricted Working Space, Add	*144.18*	
23 31 13 13-0774	LF	60" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	546.24	279.05
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*69.76*	
		For Seal Class A, Add	*148.83*	
		For Work In Restricted Working Space, Add	*139.53*	
23 31 13 13-0775	LF	60" x 62", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	555.34	283.71
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*70.92*	
		For Seal Class A, Add	*151.31*	
		For Work In Restricted Working Space, Add	*141.85*	
23 31 13 13-0776	LF	60" x 64", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	564.44	288.35
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*72.09*	
		For Seal Class A, Add	*153.79*	
		For Work In Restricted Working Space, Add	*144.18*	
23 31 13 13-0777	LF	60" x 66", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	573.56	293.00
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*73.25*	
		For Seal Class A, Add	*156.27*	
		For Work In Restricted Working Space, Add	*146.51*	
23 31 13 13-0778	LF	60" x 68", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	582.67	297.66
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*74.42*	
		For Seal Class A, Add	*158.75*	
		For Work In Restricted Working Space, Add	*148.83*	
23 31 13 13-0779	LF	62" x 62", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	564.44	288.35
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*72.09*	
		For Seal Class A, Add	*153.79*	
		For Work In Restricted Working Space, Add	*144.18*	
23 31 13 13-0780	LF	62" x 64", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	573.56	293.00
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*73.25*	
		For Seal Class A, Add	*156.27*	
		For Work In Restricted Working Space, Add	*146.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0781	LF	62" x 66", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	582.67	297.66
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*74.42*	
		For Seal Class A, Add	*158.75*	
		For Work In Restricted Working Space, Add	*148.83*	
23 31 13 13-0782	LF	62" x 68", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	591.76	302.31
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*75.58*	
		For Seal Class A, Add	*161.23*	
		For Work In Restricted Working Space, Add	*151.16*	
23 31 13 13-0783	LF	62" x 70", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	600.87	306.95
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*76.74*	
		For Seal Class A, Add	*163.71*	
		For Work In Restricted Working Space, Add	*153.48*	
23 31 13 13-0784	LF	64" x 64", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	582.67	297.66
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*74.42*	
		For Seal Class A, Add	*158.75*	
		For Work In Restricted Working Space, Add	*148.83*	
23 31 13 13-0785	LF	64" x 66", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	591.76	302.31
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*75.58*	
		For Seal Class A, Add	*161.23*	
		For Work In Restricted Working Space, Add	*151.16*	
23 31 13 13-0786	LF	64" x 68", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	600.87	306.95
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*76.74*	
		For Seal Class A, Add	*163.71*	
		For Work In Restricted Working Space, Add	*153.48*	
23 31 13 13-0787	LF	64" x 70", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	609.96	311.61
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*77.90*	
		For Seal Class A, Add	*166.19*	
		For Work In Restricted Working Space, Add	*155.81*	
23 31 13 13-0788	LF	66" x 66", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	600.87	306.95
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*76.74*	
		For Seal Class A, Add	*163.71*	
		For Work In Restricted Working Space, Add	*153.48*	
23 31 13 13-0789	LF	66" x 68", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	609.96	311.61
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*77.90*	
		For Seal Class A, Add	*166.19*	
		For Work In Restricted Working Space, Add	*155.81*	
23 31 13 13-0790	LF	66" x 70", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	619.06	316.26
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*79.06*	
		For Seal Class A, Add	*168.67*	
		For Work In Restricted Working Space, Add	*158.13*	
23 31 13 13-0791	LF	66" x 72", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	628.19	320.91
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*80.23*	
		For Seal Class A, Add	*171.15*	
		For Work In Restricted Working Space, Add	*160.46*	
23 31 13 13-0792	LF	68" x 68", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	619.06	316.26
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*79.06*	
		For Seal Class A, Add	*168.67*	
		For Work In Restricted Working Space, Add	*158.13*	
23 31 13 13-0793	LF	68" x 70", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	628.19	320.91
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*80.23*	
		For Seal Class A, Add	*171.15*	
		For Work In Restricted Working Space, Add	*160.46*	
23 31 13 13-0794	LF	68" x 72", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	637.27	325.56
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*81.39*	
		For Seal Class A, Add	*173.63*	
		For Work In Restricted Working Space, Add	*162.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0795	LF	68" x 74", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	646.39	330.22
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*82.55*	
		For Seal Class A, Add	*176.12*	
		For Work In Restricted Working Space, Add	*165.11*	
23 31 13 13-0796	LF	70" x 70", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	637.27	325.56
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*81.39*	
		For Seal Class A, Add	*173.63*	
		For Work In Restricted Working Space, Add	*162.78*	
23 31 13 13-0797	LF	70" x 72", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	646.39	330.22
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*82.55*	
		For Seal Class A, Add	*176.12*	
		For Work In Restricted Working Space, Add	*165.11*	
23 31 13 13-0798	LF	70" x 74", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	655.51	334.86
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*83.72*	
		For Seal Class A, Add	*178.60*	
		For Work In Restricted Working Space, Add	*167.43*	
23 31 13 13-0799	LF	70" x 76", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	664.59	339.52
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*84.88*	
		For Seal Class A, Add	*181.08*	
		For Work In Restricted Working Space, Add	*169.76*	
23 31 13 13-0800	LF	70" x 78", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	673.71	344.16
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*86.04*	
		For Seal Class A, Add	*183.56*	
		For Work In Restricted Working Space, Add	*172.08*	
23 31 13 13-0801	LF	70" x 80", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	682.78	348.82
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*87.20*	
		For Seal Class A, Add	*186.03*	
		For Work In Restricted Working Space, Add	*174.41*	
23 31 13 13-0802	LF	70" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	691.91	353.47
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*88.37*	
		For Seal Class A, Add	*188.52*	
		For Work In Restricted Working Space, Add	*176.74*	
23 31 13 13-0803	LF	70" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	701.02	358.12
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*89.53*	
		For Seal Class A, Add	*191.00*	
		For Work In Restricted Working Space, Add	*179.06*	
23 31 13 13-0804	LF	72" x 72", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	655.51	334.86
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*83.72*	
		For Seal Class A, Add	*178.60*	
		For Work In Restricted Working Space, Add	*167.43*	
23 31 13 13-0805	LF	72" x 74", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	664.59	339.52
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*84.88*	
		For Seal Class A, Add	*181.08*	
		For Work In Restricted Working Space, Add	*169.76*	
23 31 13 13-0806	LF	72" x 76", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	673.71	344.16
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*86.04*	
		For Seal Class A, Add	*183.56*	
		For Work In Restricted Working Space, Add	*172.08*	
23 31 13 13-0807	LF	72" x 78", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	682.78	348.82
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*87.20*	
		For Seal Class A, Add	*186.03*	
		For Work In Restricted Working Space, Add	*174.41*	
23 31 13 13-0808	LF	72" x 80", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	691.91	353.47
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*88.37*	
		For Seal Class A, Add	*188.52*	
		For Work In Restricted Working Space, Add	*176.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0809	LF	72" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	701.02	358.12
		For Seal Class B, Add	*89.53*	
		For Seal Class A, Add	*191.00*	
		For Work In Restricted Working Space, Add	*179.06*	
23 31 13 13-0810	LF	72" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	710.11	362.76
		For Seal Class B, Add	*90.69*	
		For Seal Class A, Add	*193.48*	
		For Work In Restricted Working Space, Add	*181.39*	
23 31 13 13-0811	LF	74" x 74", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	673.71	344.16
		For Seal Class B, Add	*86.04*	
		For Seal Class A, Add	*183.56*	
		For Work In Restricted Working Space, Add	*172.08*	
23 31 13 13-0812	LF	74" x 76", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	682.78	348.82
		For Seal Class B, Add	*87.20*	
		For Seal Class A, Add	*186.03*	
		For Work In Restricted Working Space, Add	*174.41*	
23 31 13 13-0813	LF	74" x 78", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	691.91	353.47
		For Seal Class B, Add	*88.37*	
		For Seal Class A, Add	*188.52*	
		For Work In Restricted Working Space, Add	*176.74*	
23 31 13 13-0814	LF	74" x 80", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	701.02	358.12
		For Seal Class B, Add	*89.53*	
		For Seal Class A, Add	*191.00*	
		For Work In Restricted Working Space, Add	*179.06*	
23 31 13 13-0815	LF	74" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	710.11	362.76
		For Seal Class B, Add	*90.69*	
		For Seal Class A, Add	*193.48*	
		For Work In Restricted Working Space, Add	*181.39*	
23 31 13 13-0816	LF	74" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	719.23	367.43
		For Seal Class B, Add	*91.86*	
		For Seal Class A, Add	*195.96*	
		For Work In Restricted Working Space, Add	*183.71*	
23 31 13 13-0817	LF	76" x 76", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	691.91	353.47
		For Seal Class B, Add	*88.37*	
		For Seal Class A, Add	*188.52*	
		For Work In Restricted Working Space, Add	*176.74*	
23 31 13 13-0818	LF	76" x 78", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	701.02	358.12
		For Seal Class B, Add	*89.53*	
		For Seal Class A, Add	*191.00*	
		For Work In Restricted Working Space, Add	*179.06*	
23 31 13 13-0819	LF	76" x 80", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	710.11	362.76
		For Seal Class B, Add	*90.69*	
		For Seal Class A, Add	*193.48*	
		For Work In Restricted Working Space, Add	*181.39*	
23 31 13 13-0820	LF	76" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	719.23	367.43
		For Seal Class B, Add	*91.86*	
		For Seal Class A, Add	*195.96*	
		For Work In Restricted Working Space, Add	*183.71*	
23 31 13 13-0821	LF	76" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	728.31	372.07
		For Seal Class B, Add	*93.02*	
		For Seal Class A, Add	*198.44*	
		For Work In Restricted Working Space, Add	*186.04*	
23 31 13 13-0822	LF	78" x 78", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	710.11	362.76
		For Seal Class B, Add	*90.69*	
		For Seal Class A, Add	*193.48*	
		For Work In Restricted Working Space, Add	*181.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0823	LF	78" x 80", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	719.23	367.43
		For Seal Class B, Add	*91.86*	
		For Seal Class A, Add	*195.96*	
		For Work In Restricted Working Space, Add	*183.71*	
23 31 13 13-0824	LF	78" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	728.31	372.07
		For Seal Class B, Add	*93.02*	
		For Seal Class A, Add	*198.44*	
		For Work In Restricted Working Space, Add	*186.04*	
23 31 13 13-0825	LF	78" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	737.42	376.72
		For Seal Class B, Add	*94.18*	
		For Seal Class A, Add	*200.92*	
		For Work In Restricted Working Space, Add	*188.36*	
23 31 13 13-0826	LF	80" x 80", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	728.31	372.07
		For Seal Class B, Add	*93.02*	
		For Seal Class A, Add	*198.44*	
		For Work In Restricted Working Space, Add	*186.04*	
23 31 13 13-0827	LF	80" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	737.42	376.72
		For Seal Class B, Add	*94.18*	
		For Seal Class A, Add	*200.92*	
		For Work In Restricted Working Space, Add	*188.36*	
23 31 13 13-0828	LF	80" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	746.54	381.37
		For Seal Class B, Add	*95.34*	
		For Seal Class A, Add	*203.40*	
		For Work In Restricted Working Space, Add	*190.69*	
23 31 13 13-0829	LF	82" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	746.54	381.37
		For Seal Class B, Add	*95.34*	
		For Seal Class A, Add	*203.40*	
		For Work In Restricted Working Space, Add	*190.69*	
23 31 13 13-0830	LF	82" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	755.63	386.03
		For Seal Class B, Add	*96.51*	
		For Seal Class A, Add	*205.88*	
		For Work In Restricted Working Space, Add	*193.01*	
23 31 13 13-0831	LF	84" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	764.75	390.67
		For Seal Class B, Add	*97.67*	
		For Seal Class A, Add	*208.36*	
		For Work In Restricted Working Space, Add	*195.34*	
23 31 13 13-0832		**18 Gauge Galvanized Steel Metal Ductwork Assemblies** *(23 31 13 13-0014)* Note: Seal Class C		
23 31 13 13-0833	LF	4" x 4", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	47.42	24.21
		For Seal Class B, Add	*6.06*	
		For Seal Class A, Add	*12.92*	
		For Work In Restricted Working Space, Add	*12.11*	
23 31 13 13-0834	LF	4" x 6", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	59.26	30.27
		For Seal Class B, Add	*7.57*	
		For Seal Class A, Add	*16.15*	
		For Work In Restricted Working Space, Add	*15.14*	
23 31 13 13-0835	LF	4" x 8", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	71.11	36.34
		For Seal Class B, Add	*9.08*	
		For Seal Class A, Add	*19.38*	
		For Work In Restricted Working Space, Add	*18.17*	
23 31 13 13-0836	LF	4" x 10", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	82.97	42.39
		For Seal Class B, Add	*10.60*	
		For Seal Class A, Add	*22.61*	
		For Work In Restricted Working Space, Add	*21.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0837	LF	4" x 12", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	94.83	48.45
		For Seal Class B, Add	*12.11*	
		For Seal Class A, Add	*25.83*	
		For Work In Restricted Working Space, Add	*24.22*	
23 31 13 13-0838	LF	4" x 14", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	106.67	54.50
		For Seal Class B, Add	*13.62*	
		For Seal Class A, Add	*29.06*	
		For Work In Restricted Working Space, Add	*27.25*	
23 31 13 13-0839	LF	4" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	118.53	60.55
		For Seal Class B, Add	*15.14*	
		For Seal Class A, Add	*32.29*	
		For Work In Restricted Working Space, Add	*30.28*	
23 31 13 13-0840	LF	6" x 6", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	71.11	36.34
		For Seal Class B, Add	*9.08*	
		For Seal Class A, Add	*19.38*	
		For Work In Restricted Working Space, Add	*18.17*	
23 31 13 13-0841	LF	6" x 8", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	82.97	42.39
		For Seal Class B, Add	*10.60*	
		For Seal Class A, Add	*22.61*	
		For Work In Restricted Working Space, Add	*21.20*	
23 31 13 13-0842	LF	6" x 10", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	94.83	48.45
		For Seal Class B, Add	*12.11*	
		For Seal Class A, Add	*25.83*	
		For Work In Restricted Working Space, Add	*24.22*	
23 31 13 13-0843	LF	6" x 12", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	106.67	54.50
		For Seal Class B, Add	*13.62*	
		For Seal Class A, Add	*29.06*	
		For Work In Restricted Working Space, Add	*27.25*	
23 31 13 13-0844	LF	6" x 14", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	118.53	60.55
		For Seal Class B, Add	*15.14*	
		For Seal Class A, Add	*32.29*	
		For Work In Restricted Working Space, Add	*30.28*	
23 31 13 13-0845	LF	6" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	130.38	66.61
		For Seal Class B, Add	*16.65*	
		For Seal Class A, Add	*35.53*	
		For Work In Restricted Working Space, Add	*33.31*	
23 31 13 13-0846	LF	8" x 8", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	94.83	48.45
		For Seal Class B, Add	*12.11*	
		For Seal Class A, Add	*25.83*	
		For Work In Restricted Working Space, Add	*24.22*	
23 31 13 13-0847	LF	8" x 10", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	106.67	54.50
		For Seal Class B, Add	*13.62*	
		For Seal Class A, Add	*29.06*	
		For Work In Restricted Working Space, Add	*27.25*	
23 31 13 13-0848	LF	8" x 12", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	118.53	60.55
		For Seal Class B, Add	*15.14*	
		For Seal Class A, Add	*32.29*	
		For Work In Restricted Working Space, Add	*30.28*	
23 31 13 13-0849	LF	8" x 14", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	130.38	66.61
		For Seal Class B, Add	*16.65*	
		For Seal Class A, Add	*35.53*	
		For Work In Restricted Working Space, Add	*33.31*	
23 31 13 13-0850	LF	8" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	142.23	72.66
		For Seal Class B, Add	*18.17*	
		For Seal Class A, Add	*38.76*	
		For Work In Restricted Working Space, Add	*36.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0851	LF	8" x 18", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	154.09	78.71
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*19.68*	
		For Seal Class A, Add	*41.98*	
		For Work In Restricted Working Space, Add	*39.36*	
23 31 13 13-0852	LF	8" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	165.94	84.77
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*21.19*	
		For Seal Class A, Add	*45.21*	
		For Work In Restricted Working Space, Add	*42.38*	
23 31 13 13-0853	LF	8" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	177.79	90.82
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*22.71*	
		For Seal Class A, Add	*48.44*	
		For Work In Restricted Working Space, Add	*45.41*	
23 31 13 13-0854	LF	8" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	189.64	96.88
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*24.22*	
		For Seal Class A, Add	*51.67*	
		For Work In Restricted Working Space, Add	*48.44*	
23 31 13 13-0855	LF	10" x 10", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	118.53	60.55
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*15.14*	
		For Seal Class A, Add	*32.29*	
		For Work In Restricted Working Space, Add	*30.28*	
23 31 13 13-0856	LF	10" x 12", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	130.38	66.61
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*16.65*	
		For Seal Class A, Add	*35.53*	
		For Work In Restricted Working Space, Add	*33.31*	
23 31 13 13-0857	LF	10" x 14", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	142.23	72.66
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*18.17*	
		For Seal Class A, Add	*38.76*	
		For Work In Restricted Working Space, Add	*36.33*	
23 31 13 13-0858	LF	10" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	154.09	78.71
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*19.68*	
		For Seal Class A, Add	*41.98*	
		For Work In Restricted Working Space, Add	*39.36*	
23 31 13 13-0859	LF	10" x 18", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	165.94	84.77
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*21.19*	
		For Seal Class A, Add	*45.21*	
		For Work In Restricted Working Space, Add	*42.38*	
23 31 13 13-0860	LF	10" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	177.79	90.82
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*22.71*	
		For Seal Class A, Add	*48.44*	
		For Work In Restricted Working Space, Add	*45.41*	
23 31 13 13-0861	LF	10" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	189.64	96.88
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*24.22*	
		For Seal Class A, Add	*51.67*	
		For Work In Restricted Working Space, Add	*48.44*	
23 31 13 13-0862	LF	10" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	201.49	102.94
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*25.74*	
		For Seal Class A, Add	*54.90*	
		For Work In Restricted Working Space, Add	*51.47*	
23 31 13 13-0863	LF	10" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	213.36	108.99
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*27.25*	
		For Seal Class A, Add	*58.13*	
		For Work In Restricted Working Space, Add	*54.50*	
23 31 13 13-0864	LF	10" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	225.21	115.06
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*28.76*	
		For Seal Class A, Add	*61.36*	
		For Work In Restricted Working Space, Add	*57.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0865	LF	10" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	237.06	121.11
		For Seal Class B, Add	*30.28*	
		For Seal Class A, Add	*64.59*	
		For Work In Restricted Working Space, Add	*60.55*	
23 31 13 13-0866	LF	10" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	248.90	127.16
		For Seal Class B, Add	*31.79*	
		For Seal Class A, Add	*67.82*	
		For Work In Restricted Working Space, Add	*63.58*	
23 31 13 13-0867	LF	12" x 12", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	142.23	72.66
		For Seal Class B, Add	*18.17*	
		For Seal Class A, Add	*38.76*	
		For Work In Restricted Working Space, Add	*36.33*	
23 31 13 13-0868	LF	12" x 14", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	154.09	78.71
		For Seal Class B, Add	*19.68*	
		For Seal Class A, Add	*41.98*	
		For Work In Restricted Working Space, Add	*39.36*	
23 31 13 13-0869	LF	12" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	165.94	84.77
		For Seal Class B, Add	*21.19*	
		For Seal Class A, Add	*45.21*	
		For Work In Restricted Working Space, Add	*42.38*	
23 31 13 13-0870	LF	12" x 18", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	177.79	90.82
		For Seal Class B, Add	*22.71*	
		For Seal Class A, Add	*48.44*	
		For Work In Restricted Working Space, Add	*45.41*	
23 31 13 13-0871	LF	12" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	189.64	96.88
		For Seal Class B, Add	*24.22*	
		For Seal Class A, Add	*51.67*	
		For Work In Restricted Working Space, Add	*48.44*	
23 31 13 13-0872	LF	12" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	201.49	102.94
		For Seal Class B, Add	*25.74*	
		For Seal Class A, Add	*54.90*	
		For Work In Restricted Working Space, Add	*51.47*	
23 31 13 13-0873	LF	12" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	213.36	108.99
		For Seal Class B, Add	*27.25*	
		For Seal Class A, Add	*58.13*	
		For Work In Restricted Working Space, Add	*54.50*	
23 31 13 13-0874	LF	12" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	225.21	115.06
		For Seal Class B, Add	*28.76*	
		For Seal Class A, Add	*61.36*	
		For Work In Restricted Working Space, Add	*57.53*	
23 31 13 13-0875	LF	12" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	237.06	121.11
		For Seal Class B, Add	*30.28*	
		For Seal Class A, Add	*64.59*	
		For Work In Restricted Working Space, Add	*60.55*	
23 31 13 13-0876	LF	12" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	248.90	127.16
		For Seal Class B, Add	*31.79*	
		For Seal Class A, Add	*67.82*	
		For Work In Restricted Working Space, Add	*63.58*	
23 31 13 13-0877	LF	12" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	260.74	133.22
		For Seal Class B, Add	*33.30*	
		For Seal Class A, Add	*71.04*	
		For Work In Restricted Working Space, Add	*66.60*	
23 31 13 13-0878	LF	12" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	272.62	139.27
		For Seal Class B, Add	*34.82*	
		For Seal Class A, Add	*74.28*	
		For Work In Restricted Working Space, Add	*69.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0879	LF	12" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	284.48	145.32
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*36.33*	
		For Seal Class A, Add	*77.51*	
		For Work In Restricted Working Space, Add	*72.66*	
23 31 13 13-0880	LF	14" x 14", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	165.94	84.77
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*21.19*	
		For Seal Class A, Add	*45.21*	
		For Work In Restricted Working Space, Add	*42.38*	
23 31 13 13-0881	LF	14" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	177.79	90.82
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*22.71*	
		For Seal Class A, Add	*48.44*	
		For Work In Restricted Working Space, Add	*45.41*	
23 31 13 13-0882	LF	14" x 18", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	189.64	96.88
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*24.22*	
		For Seal Class A, Add	*51.67*	
		For Work In Restricted Working Space, Add	*48.44*	
23 31 13 13-0883	LF	14" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	201.49	102.94
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*25.74*	
		For Seal Class A, Add	*54.90*	
		For Work In Restricted Working Space, Add	*51.47*	
23 31 13 13-0884	LF	14" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	213.36	108.99
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*27.25*	
		For Seal Class A, Add	*58.13*	
		For Work In Restricted Working Space, Add	*54.50*	
23 31 13 13-0885	LF	14" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	225.21	115.06
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*28.76*	
		For Seal Class A, Add	*61.36*	
		For Work In Restricted Working Space, Add	*57.53*	
23 31 13 13-0886	LF	14" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	237.06	121.11
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*30.28*	
		For Seal Class A, Add	*64.59*	
		For Work In Restricted Working Space, Add	*60.55*	
23 31 13 13-0887	LF	14" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	248.90	127.16
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*31.79*	
		For Seal Class A, Add	*67.82*	
		For Work In Restricted Working Space, Add	*63.58*	
23 31 13 13-0888	LF	14" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	260.74	133.22
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*33.30*	
		For Seal Class A, Add	*71.04*	
		For Work In Restricted Working Space, Add	*66.60*	
23 31 13 13-0889	LF	14" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	272.62	139.27
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*34.82*	
		For Seal Class A, Add	*74.28*	
		For Work In Restricted Working Space, Add	*69.63*	
23 31 13 13-0890	LF	14" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	284.48	145.32
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*36.33*	
		For Seal Class A, Add	*77.51*	
		For Work In Restricted Working Space, Add	*72.66*	
23 31 13 13-0891	LF	14" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	296.32	151.38
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*37.85*	
		For Seal Class A, Add	*80.74*	
		For Work In Restricted Working Space, Add	*75.69*	
23 31 13 13-0892	LF	16" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	189.64	96.88
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*24.22*	
		For Seal Class A, Add	*51.67*	
		For Work In Restricted Working Space, Add	*48.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0893	LF	16" x 18", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	201.49	102.94
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*25.74*	
		For Seal Class A, Add	*54.90*	
		For Work In Restricted Working Space, Add	*51.47*	
23 31 13 13-0894	LF	16" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	213.36	108.99
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*27.25*	
		For Seal Class A, Add	*58.13*	
		For Work In Restricted Working Space, Add	*54.50*	
23 31 13 13-0895	LF	16" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	225.21	115.06
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*28.76*	
		For Seal Class A, Add	*61.36*	
		For Work In Restricted Working Space, Add	*57.53*	
23 31 13 13-0896	LF	16" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	237.06	121.11
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*30.28*	
		For Seal Class A, Add	*64.59*	
		For Work In Restricted Working Space, Add	*60.55*	
23 31 13 13-0897	LF	16" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	248.90	127.16
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*31.79*	
		For Seal Class A, Add	*67.82*	
		For Work In Restricted Working Space, Add	*63.58*	
23 31 13 13-0898	LF	16" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	260.74	133.22
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*33.30*	
		For Seal Class A, Add	*71.04*	
		For Work In Restricted Working Space, Add	*66.60*	
23 31 13 13-0899	LF	16" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	272.62	139.27
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*34.82*	
		For Seal Class A, Add	*74.28*	
		For Work In Restricted Working Space, Add	*69.63*	
23 31 13 13-0900	LF	16" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	284.48	145.32
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*36.33*	
		For Seal Class A, Add	*77.51*	
		For Work In Restricted Working Space, Add	*72.66*	
23 31 13 13-0901	LF	16" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	296.32	151.38
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*37.85*	
		For Seal Class A, Add	*80.74*	
		For Work In Restricted Working Space, Add	*75.69*	
23 31 13 13-0902	LF	16" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	308.17	157.43
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*39.36*	
		For Seal Class A, Add	*83.96*	
		For Work In Restricted Working Space, Add	*78.72*	
23 31 13 13-0903	LF	16" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	320.02	163.48
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*40.87*	
		For Seal Class A, Add	*87.20*	
		For Work In Restricted Working Space, Add	*81.75*	
23 31 13 13-0904	LF	16" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	331.88	169.55
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*42.39*	
		For Seal Class A, Add	*90.42*	
		For Work In Restricted Working Space, Add	*84.77*	
23 31 13 13-0905	LF	16" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	343.73	175.60
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*43.90*	
		For Seal Class A, Add	*93.65*	
		For Work In Restricted Working Space, Add	*87.80*	
23 31 13 13-0906	LF	16" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	355.59	181.65
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*45.41*	
		For Seal Class A, Add	*96.88*	
		For Work In Restricted Working Space, Add	*90.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0907	LF	18" x 18", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	213.36	108.99
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*27.25*	
		For Seal Class A, Add	*58.13*	
		For Work In Restricted Working Space, Add	*54.50*	
23 31 13 13-0908	LF	18" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	225.21	115.06
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*28.76*	
		For Seal Class A, Add	*61.36*	
		For Work In Restricted Working Space, Add	*57.53*	
23 31 13 13-0909	LF	18" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	237.06	121.11
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*30.28*	
		For Seal Class A, Add	*64.59*	
		For Work In Restricted Working Space, Add	*60.55*	
23 31 13 13-0910	LF	18" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	248.90	127.16
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*31.79*	
		For Seal Class A, Add	*67.82*	
		For Work In Restricted Working Space, Add	*63.58*	
23 31 13 13-0911	LF	18" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	260.74	133.22
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*33.30*	
		For Seal Class A, Add	*71.04*	
		For Work In Restricted Working Space, Add	*66.60*	
23 31 13 13-0912	LF	18" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	272.62	139.27
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*34.82*	
		For Seal Class A, Add	*74.28*	
		For Work In Restricted Working Space, Add	*69.63*	
23 31 13 13-0913	LF	18" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	284.48	145.32
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*36.33*	
		For Seal Class A, Add	*77.51*	
		For Work In Restricted Working Space, Add	*72.66*	
23 31 13 13-0914	LF	18" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	296.32	151.38
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*37.85*	
		For Seal Class A, Add	*80.74*	
		For Work In Restricted Working Space, Add	*75.69*	
23 31 13 13-0915	LF	18" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	308.17	157.43
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*39.36*	
		For Seal Class A, Add	*83.96*	
		For Work In Restricted Working Space, Add	*78.72*	
23 31 13 13-0916	LF	18" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	320.02	163.48
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*40.87*	
		For Seal Class A, Add	*87.20*	
		For Work In Restricted Working Space, Add	*81.75*	
23 31 13 13-0917	LF	18" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	331.88	169.55
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*42.39*	
		For Seal Class A, Add	*90.42*	
		For Work In Restricted Working Space, Add	*84.77*	
23 31 13 13-0918	LF	18" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	343.73	175.60
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*43.90*	
		For Seal Class A, Add	*93.65*	
		For Work In Restricted Working Space, Add	*87.80*	
23 31 13 13-0919	LF	18" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	355.59	181.65
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*45.41*	
		For Seal Class A, Add	*96.88*	
		For Work In Restricted Working Space, Add	*90.83*	
23 31 13 13-0920	LF	18" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	367.44	187.71
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*46.93*	
		For Seal Class A, Add	*100.12*	
		For Work In Restricted Working Space, Add	*93.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0921	LF	18" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	379.31	193.77
		For Seal Class B, Add	*48.44*	
		For Seal Class A, Add	*103.34*	
		For Work In Restricted Working Space, Add	*96.89*	
23 31 13 13-0922	LF	20" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	237.06	121.11
		For Seal Class B, Add	*30.28*	
		For Seal Class A, Add	*64.59*	
		For Work In Restricted Working Space, Add	*60.55*	
23 31 13 13-0923	LF	20" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	248.90	127.16
		For Seal Class B, Add	*31.79*	
		For Seal Class A, Add	*67.82*	
		For Work In Restricted Working Space, Add	*63.58*	
23 31 13 13-0924	LF	20" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	260.74	133.22
		For Seal Class B, Add	*33.30*	
		For Seal Class A, Add	*71.04*	
		For Work In Restricted Working Space, Add	*66.60*	
23 31 13 13-0925	LF	20" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	272.62	139.27
		For Seal Class B, Add	*34.82*	
		For Seal Class A, Add	*74.28*	
		For Work In Restricted Working Space, Add	*69.63*	
23 31 13 13-0926	LF	20" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	284.48	145.32
		For Seal Class B, Add	*36.33*	
		For Seal Class A, Add	*77.51*	
		For Work In Restricted Working Space, Add	*72.66*	
23 31 13 13-0927	LF	20" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	296.32	151.38
		For Seal Class B, Add	*37.85*	
		For Seal Class A, Add	*80.74*	
		For Work In Restricted Working Space, Add	*75.69*	
23 31 13 13-0928	LF	20" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	308.17	157.43
		For Seal Class B, Add	*39.36*	
		For Seal Class A, Add	*83.96*	
		For Work In Restricted Working Space, Add	*78.72*	
23 31 13 13-0929	LF	20" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	320.02	163.48
		For Seal Class B, Add	*40.87*	
		For Seal Class A, Add	*87.20*	
		For Work In Restricted Working Space, Add	*81.75*	
23 31 13 13-0930	LF	20" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	331.88	169.55
		For Seal Class B, Add	*42.39*	
		For Seal Class A, Add	*90.42*	
		For Work In Restricted Working Space, Add	*84.77*	
23 31 13 13-0931	LF	20" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	343.73	175.60
		For Seal Class B, Add	*43.90*	
		For Seal Class A, Add	*93.65*	
		For Work In Restricted Working Space, Add	*87.80*	
23 31 13 13-0932	LF	20" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	355.59	181.65
		For Seal Class B, Add	*45.41*	
		For Seal Class A, Add	*96.88*	
		For Work In Restricted Working Space, Add	*90.83*	
23 31 13 13-0933	LF	20" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	367.44	187.71
		For Seal Class B, Add	*46.93*	
		For Seal Class A, Add	*100.12*	
		For Work In Restricted Working Space, Add	*93.86*	
23 31 13 13-0934	LF	20" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	379.31	193.77
		For Seal Class B, Add	*48.44*	
		For Seal Class A, Add	*103.34*	
		For Work In Restricted Working Space, Add	*96.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0935	LF	20" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	391.15	199.82
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*49.95*	
		For Seal Class A, Add	*106.57*	
		For Work In Restricted Working Space, Add	*99.91*	
23 31 13 13-0936	LF	20" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	402.99	205.88
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*51.47*	
		For Seal Class A, Add	*109.80*	
		For Work In Restricted Working Space, Add	*102.94*	
23 31 13 13-0937	LF	22" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	260.74	133.22
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*33.30*	
		For Seal Class A, Add	*71.04*	
		For Work In Restricted Working Space, Add	*66.60*	
23 31 13 13-0938	LF	22" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	272.62	139.27
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*34.82*	
		For Seal Class A, Add	*74.28*	
		For Work In Restricted Working Space, Add	*69.63*	
23 31 13 13-0939	LF	22" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	284.48	145.32
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*36.33*	
		For Seal Class A, Add	*77.51*	
		For Work In Restricted Working Space, Add	*72.66*	
23 31 13 13-0940	LF	22" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	296.32	151.38
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*37.85*	
		For Seal Class A, Add	*80.74*	
		For Work In Restricted Working Space, Add	*75.69*	
23 31 13 13-0941	LF	22" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	308.17	157.43
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*39.36*	
		For Seal Class A, Add	*83.96*	
		For Work In Restricted Working Space, Add	*78.72*	
23 31 13 13-0942	LF	22" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	320.02	163.48
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*40.87*	
		For Seal Class A, Add	*87.20*	
		For Work In Restricted Working Space, Add	*81.75*	
23 31 13 13-0943	LF	22" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	331.88	169.55
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*42.39*	
		For Seal Class A, Add	*90.42*	
		For Work In Restricted Working Space, Add	*84.77*	
23 31 13 13-0944	LF	22" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	343.73	175.60
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*43.90*	
		For Seal Class A, Add	*93.65*	
		For Work In Restricted Working Space, Add	*87.80*	
23 31 13 13-0945	LF	22" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	355.59	181.65
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*45.41*	
		For Seal Class A, Add	*96.88*	
		For Work In Restricted Working Space, Add	*90.83*	
23 31 13 13-0946	LF	22" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	367.44	187.71
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*46.93*	
		For Seal Class A, Add	*100.12*	
		For Work In Restricted Working Space, Add	*93.86*	
23 31 13 13-0947	LF	22" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	379.31	193.77
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*48.44*	
		For Seal Class A, Add	*103.34*	
		For Work In Restricted Working Space, Add	*96.89*	
23 31 13 13-0948	LF	22" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	391.15	199.82
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*49.95*	
		For Seal Class A, Add	*106.57*	
		For Work In Restricted Working Space, Add	*99.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0949	LF	22" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	402.99	205.88
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*51.47*	
		For Seal Class A, Add	*109.80*	
		For Work In Restricted Working Space, Add	*102.94*	
23 31 13 13-0950	LF	22" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	414.85	211.93
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*52.98*	
		For Seal Class A, Add	*113.03*	
		For Work In Restricted Working Space, Add	*105.97*	
23 31 13 13-0951	LF	24" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	284.48	145.32
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*36.33*	
		For Seal Class A, Add	*77.51*	
		For Work In Restricted Working Space, Add	*72.66*	
23 31 13 13-0952	LF	24" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	296.32	151.38
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*37.85*	
		For Seal Class A, Add	*80.74*	
		For Work In Restricted Working Space, Add	*75.69*	
23 31 13 13-0953	LF	24" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	308.17	157.43
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*39.36*	
		For Seal Class A, Add	*83.96*	
		For Work In Restricted Working Space, Add	*78.72*	
23 31 13 13-0954	LF	24" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	320.02	163.48
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*40.87*	
		For Seal Class A, Add	*87.20*	
		For Work In Restricted Working Space, Add	*81.75*	
23 31 13 13-0955	LF	24" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	331.88	169.55
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*42.39*	
		For Seal Class A, Add	*90.42*	
		For Work In Restricted Working Space, Add	*84.77*	
23 31 13 13-0956	LF	24" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	343.73	175.60
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*43.90*	
		For Seal Class A, Add	*93.65*	
		For Work In Restricted Working Space, Add	*87.80*	
23 31 13 13-0957	LF	24" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	355.59	181.65
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*45.41*	
		For Seal Class A, Add	*96.88*	
		For Work In Restricted Working Space, Add	*90.83*	
23 31 13 13-0958	LF	24" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	367.44	187.71
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*46.93*	
		For Seal Class A, Add	*100.12*	
		For Work In Restricted Working Space, Add	*93.86*	
23 31 13 13-0959	LF	24" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	379.31	193.77
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*48.44*	
		For Seal Class A, Add	*103.34*	
		For Work In Restricted Working Space, Add	*96.89*	
23 31 13 13-0960	LF	24" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	391.15	199.82
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*49.95*	
		For Seal Class A, Add	*106.57*	
		For Work In Restricted Working Space, Add	*99.91*	
23 31 13 13-0961	LF	24" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	402.99	205.88
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*51.47*	
		For Seal Class A, Add	*109.80*	
		For Work In Restricted Working Space, Add	*102.94*	
23 31 13 13-0962	LF	24" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	414.85	211.93
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*52.98*	
		For Seal Class A, Add	*113.03*	
		For Work In Restricted Working Space, Add	*105.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0963	LF	24" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	426.70	217.98
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*54.50*	
		For Seal Class A, Add	*116.26*	
		For Work In Restricted Working Space, Add	*108.99*	
23 31 13 13-0964	LF	26" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	308.17	157.43
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*39.36*	
		For Seal Class A, Add	*83.96*	
		For Work In Restricted Working Space, Add	*78.72*	
23 31 13 13-0965	LF	26" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	320.02	163.48
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*40.87*	
		For Seal Class A, Add	*87.20*	
		For Work In Restricted Working Space, Add	*81.75*	
23 31 13 13-0966	LF	26" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	331.88	169.55
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*42.39*	
		For Seal Class A, Add	*90.42*	
		For Work In Restricted Working Space, Add	*84.77*	
23 31 13 13-0967	LF	26" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	343.73	175.60
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*43.90*	
		For Seal Class A, Add	*93.65*	
		For Work In Restricted Working Space, Add	*87.80*	
23 31 13 13-0968	LF	26" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	355.59	181.65
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*45.41*	
		For Seal Class A, Add	*96.88*	
		For Work In Restricted Working Space, Add	*90.83*	
23 31 13 13-0969	LF	26" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	367.44	187.71
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*46.93*	
		For Seal Class A, Add	*100.12*	
		For Work In Restricted Working Space, Add	*93.86*	
23 31 13 13-0970	LF	26" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	379.31	193.77
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*48.44*	
		For Seal Class A, Add	*103.34*	
		For Work In Restricted Working Space, Add	*96.89*	
23 31 13 13-0971	LF	26" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	391.15	199.82
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*49.95*	
		For Seal Class A, Add	*106.57*	
		For Work In Restricted Working Space, Add	*99.91*	
23 31 13 13-0972	LF	26" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	402.99	205.88
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*51.47*	
		For Seal Class A, Add	*109.80*	
		For Work In Restricted Working Space, Add	*102.94*	
23 31 13 13-0973	LF	26" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	414.85	211.93
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*52.98*	
		For Seal Class A, Add	*113.03*	
		For Work In Restricted Working Space, Add	*105.97*	
23 31 13 13-0974	LF	26" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	426.70	217.98
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*54.50*	
		For Seal Class A, Add	*116.26*	
		For Work In Restricted Working Space, Add	*108.99*	
23 31 13 13-0975	LF	26" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	438.58	224.04
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*56.01*	
		For Seal Class A, Add	*119.49*	
		For Work In Restricted Working Space, Add	*112.02*	
23 31 13 13-0976	LF	28" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	331.88	169.55
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*42.39*	
		For Seal Class A, Add	*90.42*	
		For Work In Restricted Working Space, Add	*84.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0977	LF	28" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	343.73	175.60
		For Seal Class B, Add	*43.90*	
		For Seal Class A, Add	*93.65*	
		For Work In Restricted Working Space, Add	*87.80*	
23 31 13 13-0978	LF	28" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	355.59	181.65
		For Seal Class B, Add	*45.41*	
		For Seal Class A, Add	*96.88*	
		For Work In Restricted Working Space, Add	*90.83*	
23 31 13 13-0979	LF	28" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	367.44	187.71
		For Seal Class B, Add	*46.93*	
		For Seal Class A, Add	*100.12*	
		For Work In Restricted Working Space, Add	*93.86*	
23 31 13 13-0980	LF	28" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	379.31	193.77
		For Seal Class B, Add	*48.44*	
		For Seal Class A, Add	*103.34*	
		For Work In Restricted Working Space, Add	*96.89*	
23 31 13 13-0981	LF	28" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	391.15	199.82
		For Seal Class B, Add	*49.95*	
		For Seal Class A, Add	*106.57*	
		For Work In Restricted Working Space, Add	*99.91*	
23 31 13 13-0982	LF	28" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	402.99	205.88
		For Seal Class B, Add	*51.47*	
		For Seal Class A, Add	*109.80*	
		For Work In Restricted Working Space, Add	*102.94*	
23 31 13 13-0983	LF	28" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	414.85	211.93
		For Seal Class B, Add	*52.98*	
		For Seal Class A, Add	*113.03*	
		For Work In Restricted Working Space, Add	*105.97*	
23 31 13 13-0984	LF	28" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	426.70	217.98
		For Seal Class B, Add	*54.50*	
		For Seal Class A, Add	*116.26*	
		For Work In Restricted Working Space, Add	*108.99*	
23 31 13 13-0985	LF	28" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	438.58	224.04
		For Seal Class B, Add	*56.01*	
		For Seal Class A, Add	*119.49*	
		For Work In Restricted Working Space, Add	*112.02*	
23 31 13 13-0986	LF	28" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	450.41	230.09
		For Seal Class B, Add	*57.52*	
		For Seal Class A, Add	*122.72*	
		For Work In Restricted Working Space, Add	*115.05*	
23 31 13 13-0987	LF	30" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	355.59	181.65
		For Seal Class B, Add	*45.41*	
		For Seal Class A, Add	*96.88*	
		For Work In Restricted Working Space, Add	*90.83*	
23 31 13 13-0988	LF	30" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	367.44	187.71
		For Seal Class B, Add	*46.93*	
		For Seal Class A, Add	*100.12*	
		For Work In Restricted Working Space, Add	*93.86*	
23 31 13 13-0989	LF	30" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	379.31	193.77
		For Seal Class B, Add	*48.44*	
		For Seal Class A, Add	*103.34*	
		For Work In Restricted Working Space, Add	*96.89*	
23 31 13 13-0990	LF	30" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	391.15	199.82
		For Seal Class B, Add	*49.95*	
		For Seal Class A, Add	*106.57*	
		For Work In Restricted Working Space, Add	*99.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0991	LF	30" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	402.99	205.88
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*51.47*	
		For Seal Class A, Add	*109.80*	
		For Work In Restricted Working Space, Add	*102.94*	
23 31 13 13-0992	LF	30" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	414.85	211.93
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*52.98*	
		For Seal Class A, Add	*113.03*	
		For Work In Restricted Working Space, Add	*105.97*	
23 31 13 13-0993	LF	30" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	426.70	217.98
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*54.50*	
		For Seal Class A, Add	*116.26*	
		For Work In Restricted Working Space, Add	*108.99*	
23 31 13 13-0994	LF	30" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	438.58	224.04
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*56.01*	
		For Seal Class A, Add	*119.49*	
		For Work In Restricted Working Space, Add	*112.02*	
23 31 13 13-0995	LF	30" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	450.41	230.09
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*57.52*	
		For Seal Class A, Add	*122.72*	
		For Work In Restricted Working Space, Add	*115.05*	
23 31 13 13-0996	LF	30" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	462.26	236.16
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*59.04*	
		For Seal Class A, Add	*125.95*	
		For Work In Restricted Working Space, Add	*118.07*	
23 31 13 13-0997	LF	32" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	379.31	193.77
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*48.44*	
		For Seal Class A, Add	*103.34*	
		For Work In Restricted Working Space, Add	*96.89*	
23 31 13 13-0998	LF	32" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	391.15	199.82
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*49.95*	
		For Seal Class A, Add	*106.57*	
		For Work In Restricted Working Space, Add	*99.91*	
23 31 13 13-0999	LF	32" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	402.99	205.88
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*51.47*	
		For Seal Class A, Add	*109.80*	
		For Work In Restricted Working Space, Add	*102.94*	
23 31 13 13-1000	LF	32" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	414.85	211.93
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*52.98*	
		For Seal Class A, Add	*113.03*	
		For Work In Restricted Working Space, Add	*105.97*	
23 31 13 13-1001	LF	32" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	426.70	217.98
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*54.50*	
		For Seal Class A, Add	*116.26*	
		For Work In Restricted Working Space, Add	*108.99*	
23 31 13 13-1002	LF	32" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	438.58	224.04
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*56.01*	
		For Seal Class A, Add	*119.49*	
		For Work In Restricted Working Space, Add	*112.02*	
23 31 13 13-1003	LF	32" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	450.41	230.09
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*57.52*	
		For Seal Class A, Add	*122.72*	
		For Work In Restricted Working Space, Add	*115.05*	
23 31 13 13-1004	LF	32" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	462.26	236.16
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*59.04*	
		For Seal Class A, Add	*125.95*	
		For Work In Restricted Working Space, Add	*118.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1005	LF	32" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	474.11	242.21
		For Seal Class B, Add	*60.55*	
		For Seal Class A, Add	*129.18*	
		For Work In Restricted Working Space, Add	*121.10*	
23 31 13 13-1006	LF	34" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	402.99	205.88
		For Seal Class B, Add	*51.47*	
		For Seal Class A, Add	*109.80*	
		For Work In Restricted Working Space, Add	*102.94*	
23 31 13 13-1007	LF	34" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	414.85	211.93
		For Seal Class B, Add	*52.98*	
		For Seal Class A, Add	*113.03*	
		For Work In Restricted Working Space, Add	*105.97*	
23 31 13 13-1008	LF	34" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	426.70	217.98
		For Seal Class B, Add	*54.50*	
		For Seal Class A, Add	*116.26*	
		For Work In Restricted Working Space, Add	*108.99*	
23 31 13 13-1009	LF	34" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	438.58	224.04
		For Seal Class B, Add	*56.01*	
		For Seal Class A, Add	*119.49*	
		For Work In Restricted Working Space, Add	*112.02*	
23 31 13 13-1010	LF	34" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	450.41	230.09
		For Seal Class B, Add	*57.52*	
		For Seal Class A, Add	*122.72*	
		For Work In Restricted Working Space, Add	*115.05*	
23 31 13 13-1011	LF	34" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	462.26	236.16
		For Seal Class B, Add	*59.04*	
		For Seal Class A, Add	*125.95*	
		For Work In Restricted Working Space, Add	*118.07*	
23 31 13 13-1012	LF	34" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	474.11	242.21
		For Seal Class B, Add	*60.55*	
		For Seal Class A, Add	*129.18*	
		For Work In Restricted Working Space, Add	*121.10*	
23 31 13 13-1013	LF	34" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	485.96	248.26
		For Seal Class B, Add	*62.07*	
		For Seal Class A, Add	*132.41*	
		For Work In Restricted Working Space, Add	*124.13*	
23 31 13 13-1014	LF	36" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	426.70	217.98
		For Seal Class B, Add	*54.50*	
		For Seal Class A, Add	*116.26*	
		For Work In Restricted Working Space, Add	*108.99*	
23 31 13 13-1015	LF	36" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	438.58	224.04
		For Seal Class B, Add	*56.01*	
		For Seal Class A, Add	*119.49*	
		For Work In Restricted Working Space, Add	*112.02*	
23 31 13 13-1016	LF	36" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	450.41	230.09
		For Seal Class B, Add	*57.52*	
		For Seal Class A, Add	*122.72*	
		For Work In Restricted Working Space, Add	*115.05*	
23 31 13 13-1017	LF	36" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	462.26	236.16
		For Seal Class B, Add	*59.04*	
		For Seal Class A, Add	*125.95*	
		For Work In Restricted Working Space, Add	*118.07*	
23 31 13 13-1018	LF	36" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	474.11	242.21
		For Seal Class B, Add	*60.55*	
		For Seal Class A, Add	*129.18*	
		For Work In Restricted Working Space, Add	*121.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1019	LF	36" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	485.96	248.26
		For Seal Class B, Add	*62.07*	
		For Seal Class A, Add	*132.41*	
		For Work In Restricted Working Space, Add	*124.13*	
23 31 13 13-1020	LF	36" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	497.82	254.32
		For Seal Class B, Add	*63.58*	
		For Seal Class A, Add	*135.63*	
		For Work In Restricted Working Space, Add	*127.16*	
23 31 13 13-1021	LF	38" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	450.41	230.09
		For Seal Class B, Add	*57.52*	
		For Seal Class A, Add	*122.72*	
		For Work In Restricted Working Space, Add	*115.05*	
23 31 13 13-1022	LF	38" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	462.26	236.16
		For Seal Class B, Add	*59.04*	
		For Seal Class A, Add	*125.95*	
		For Work In Restricted Working Space, Add	*118.07*	
23 31 13 13-1023	LF	38" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	474.11	242.21
		For Seal Class B, Add	*60.55*	
		For Seal Class A, Add	*129.18*	
		For Work In Restricted Working Space, Add	*121.10*	
23 31 13 13-1024	LF	38" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	485.96	248.26
		For Seal Class B, Add	*62.07*	
		For Seal Class A, Add	*132.41*	
		For Work In Restricted Working Space, Add	*124.13*	
23 31 13 13-1025	LF	38" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	497.82	254.32
		For Seal Class B, Add	*63.58*	
		For Seal Class A, Add	*135.63*	
		For Work In Restricted Working Space, Add	*127.16*	
23 31 13 13-1026	LF	38" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	509.68	260.37
		For Seal Class B, Add	*65.09*	
		For Seal Class A, Add	*138.86*	
		For Work In Restricted Working Space, Add	*130.19*	
23 31 13 13-1027	LF	38" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	521.53	266.42
		For Seal Class B, Add	*66.61*	
		For Seal Class A, Add	*142.10*	
		For Work In Restricted Working Space, Add	*133.22*	
23 31 13 13-1028	LF	40" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	474.11	242.21
		For Seal Class B, Add	*60.55*	
		For Seal Class A, Add	*129.18*	
		For Work In Restricted Working Space, Add	*121.10*	
23 31 13 13-1029	LF	40" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	485.96	248.26
		For Seal Class B, Add	*62.07*	
		For Seal Class A, Add	*132.41*	
		For Work In Restricted Working Space, Add	*124.13*	
23 31 13 13-1030	LF	40" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	497.82	254.32
		For Seal Class B, Add	*63.58*	
		For Seal Class A, Add	*135.63*	
		For Work In Restricted Working Space, Add	*127.16*	
23 31 13 13-1031	LF	40" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	509.68	260.37
		For Seal Class B, Add	*65.09*	
		For Seal Class A, Add	*138.86*	
		For Work In Restricted Working Space, Add	*130.19*	
23 31 13 13-1032	LF	40" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	521.53	266.42
		For Seal Class B, Add	*66.61*	
		For Seal Class A, Add	*142.10*	
		For Work In Restricted Working Space, Add	*133.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1033	LF	40" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	533.38	272.49
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*68.12*	
		For Seal Class A, Add	*145.32*	
		For Work In Restricted Working Space, Add	*136.24*	
23 31 13 13-1034	LF	40" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	545.22	278.54
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*69.63*	
		For Seal Class A, Add	*148.55*	
		For Work In Restricted Working Space, Add	*139.27*	
23 31 13 13-1035	LF	40" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	557.09	284.59
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*71.15*	
		For Seal Class A, Add	*151.78*	
		For Work In Restricted Working Space, Add	*142.29*	
23 31 13 13-1036	LF	40" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	568.94	290.65
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*72.66*	
		For Seal Class A, Add	*155.01*	
		For Work In Restricted Working Space, Add	*145.32*	
23 31 13 13-1037	LF	42" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	497.82	254.32
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*63.58*	
		For Seal Class A, Add	*135.63*	
		For Work In Restricted Working Space, Add	*127.16*	
23 31 13 13-1038	LF	42" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	509.68	260.37
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*65.09*	
		For Seal Class A, Add	*138.86*	
		For Work In Restricted Working Space, Add	*130.19*	
23 31 13 13-1039	LF	42" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	521.53	266.42
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*66.61*	
		For Seal Class A, Add	*142.10*	
		For Work In Restricted Working Space, Add	*133.22*	
23 31 13 13-1040	LF	42" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	533.38	272.49
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*68.12*	
		For Seal Class A, Add	*145.32*	
		For Work In Restricted Working Space, Add	*136.24*	
23 31 13 13-1041	LF	42" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	545.22	278.54
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*69.63*	
		For Seal Class A, Add	*148.55*	
		For Work In Restricted Working Space, Add	*139.27*	
23 31 13 13-1042	LF	42" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	557.09	284.59
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*71.15*	
		For Seal Class A, Add	*151.78*	
		For Work In Restricted Working Space, Add	*142.29*	
23 31 13 13-1043	LF	42" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	568.94	290.65
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*72.66*	
		For Seal Class A, Add	*155.01*	
		For Work In Restricted Working Space, Add	*145.32*	
23 31 13 13-1044	LF	42" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	580.79	296.70
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*74.18*	
		For Seal Class A, Add	*158.24*	
		For Work In Restricted Working Space, Add	*148.35*	
23 31 13 13-1045	LF	44" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	521.53	266.42
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*66.61*	
		For Seal Class A, Add	*142.10*	
		For Work In Restricted Working Space, Add	*133.22*	
23 31 13 13-1046	LF	44" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	533.38	272.49
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*68.12*	
		For Seal Class A, Add	*145.32*	
		For Work In Restricted Working Space, Add	*136.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1047	LF	44" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	545.22	278.54
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*69.63*	
		For Seal Class A, Add	*148.55*	
		For Work In Restricted Working Space, Add	*139.27*	
23 31 13 13-1048	LF	44" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	557.09	284.59
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*71.15*	
		For Seal Class A, Add	*151.78*	
		For Work In Restricted Working Space, Add	*142.29*	
23 31 13 13-1049	LF	44" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	568.94	290.65
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*72.66*	
		For Seal Class A, Add	*155.01*	
		For Work In Restricted Working Space, Add	*145.32*	
23 31 13 13-1050	LF	44" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	580.79	296.70
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*74.18*	
		For Seal Class A, Add	*158.24*	
		For Work In Restricted Working Space, Add	*148.35*	
23 31 13 13-1051	LF	44" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	592.64	302.76
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*75.69*	
		For Seal Class A, Add	*161.47*	
		For Work In Restricted Working Space, Add	*151.38*	
23 31 13 13-1052	LF	46" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	545.22	278.54
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*69.63*	
		For Seal Class A, Add	*148.55*	
		For Work In Restricted Working Space, Add	*139.27*	
23 31 13 13-1053	LF	46" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	557.09	284.59
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*71.15*	
		For Seal Class A, Add	*151.78*	
		For Work In Restricted Working Space, Add	*142.29*	
23 31 13 13-1054	LF	46" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	568.94	290.65
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*72.66*	
		For Seal Class A, Add	*155.01*	
		For Work In Restricted Working Space, Add	*145.32*	
23 31 13 13-1055	LF	46" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	580.79	296.70
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*74.18*	
		For Seal Class A, Add	*158.24*	
		For Work In Restricted Working Space, Add	*148.35*	
23 31 13 13-1056	LF	46" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	592.64	302.76
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*75.69*	
		For Seal Class A, Add	*161.47*	
		For Work In Restricted Working Space, Add	*151.38*	
23 31 13 13-1057	LF	46" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	614.58	314.87
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*78.72*	
		For Seal Class A, Add	*167.93*	
		For Work In Restricted Working Space, Add	*157.43*	
23 31 13 13-1058	LF	46" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	626.45	320.92
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*80.23*	
		For Seal Class A, Add	*171.16*	
		For Work In Restricted Working Space, Add	*160.46*	
23 31 13 13-1059	LF	48" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	568.94	290.65
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*72.66*	
		For Seal Class A, Add	*155.01*	
		For Work In Restricted Working Space, Add	*145.32*	
23 31 13 13-1060	LF	48" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	580.79	296.70
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*74.18*	
		For Seal Class A, Add	*158.24*	
		For Work In Restricted Working Space, Add	*148.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1061	LF	48" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	592.64	302.76
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*75.69*	
		For Seal Class A, Add	*161.47*	
		For Work In Restricted Working Space, Add	*151.38*	
23 31 13 13-1062	LF	48" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	604.49	308.82
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*77.20*	
		For Seal Class A, Add	*164.70*	
		For Work In Restricted Working Space, Add	*154.41*	
23 31 13 13-1063	LF	48" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	616.36	314.87
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*78.72*	
		For Seal Class A, Add	*167.93*	
		For Work In Restricted Working Space, Add	*157.43*	
23 31 13 13-1064	LF	48" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	628.21	320.92
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*80.23*	
		For Seal Class A, Add	*171.16*	
		For Work In Restricted Working Space, Add	*160.46*	
23 31 13 13-1065	LF	48" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	640.05	326.98
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*81.74*	
		For Seal Class A, Add	*174.39*	
		For Work In Restricted Working Space, Add	*163.49*	
23 31 13 13-1066	LF	50" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	592.64	302.76
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*75.69*	
		For Seal Class A, Add	*161.47*	
		For Work In Restricted Working Space, Add	*151.38*	
23 31 13 13-1067	LF	50" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	604.49	308.82
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*77.20*	
		For Seal Class A, Add	*164.70*	
		For Work In Restricted Working Space, Add	*154.41*	
23 31 13 13-1068	LF	50" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	616.36	314.87
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*78.72*	
		For Seal Class A, Add	*167.93*	
		For Work In Restricted Working Space, Add	*157.43*	
23 31 13 13-1069	LF	50" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	628.21	320.92
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*80.23*	
		For Seal Class A, Add	*171.16*	
		For Work In Restricted Working Space, Add	*160.46*	
23 31 13 13-1070	LF	50" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	640.05	326.98
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*81.74*	
		For Seal Class A, Add	*174.39*	
		For Work In Restricted Working Space, Add	*163.49*	
23 31 13 13-1071	LF	50" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	651.90	333.03
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*83.26*	
		For Seal Class A, Add	*177.62*	
		For Work In Restricted Working Space, Add	*166.52*	
23 31 13 13-1072	LF	52" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	616.36	314.87
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*78.72*	
		For Seal Class A, Add	*167.93*	
		For Work In Restricted Working Space, Add	*157.43*	
23 31 13 13-1073	LF	52" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	628.21	320.92
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*80.23*	
		For Seal Class A, Add	*171.16*	
		For Work In Restricted Working Space, Add	*160.46*	
23 31 13 13-1074	LF	52" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	640.05	326.98
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*81.74*	
		For Seal Class A, Add	*174.39*	
		For Work In Restricted Working Space, Add	*163.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1075	LF	52" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	651.90	333.03
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*83.26*	
		For Seal Class A, Add	*177.62*	
		For Work In Restricted Working Space, Add	*166.52*	
23 31 13 13-1076	LF	52" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	663.76	339.08
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*84.77*	
		For Seal Class A, Add	*180.85*	
		For Work In Restricted Working Space, Add	*169.55*	
23 31 13 13-1077	LF	54" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	640.05	326.98
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*81.74*	
		For Seal Class A, Add	*174.39*	
		For Work In Restricted Working Space, Add	*163.49*	
23 31 13 13-1078	LF	54" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	651.90	333.03
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*83.26*	
		For Seal Class A, Add	*177.62*	
		For Work In Restricted Working Space, Add	*166.52*	
23 31 13 13-1079	LF	54" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	663.76	339.08
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*84.77*	
		For Seal Class A, Add	*180.85*	
		For Work In Restricted Working Space, Add	*169.55*	
23 31 13 13-1080	LF	54" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	675.63	345.14
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*86.29*	
		For Seal Class A, Add	*184.08*	
		For Work In Restricted Working Space, Add	*172.58*	
23 31 13 13-1081	LF	54" x 62", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	687.47	351.19
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*87.80*	
		For Seal Class A, Add	*187.31*	
		For Work In Restricted Working Space, Add	*175.60*	
23 31 13 13-1082	LF	54" x 64", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	699.31	357.25
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*89.31*	
		For Seal Class A, Add	*190.53*	
		For Work In Restricted Working Space, Add	*178.63*	
23 31 13 13-1083	LF	56" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	663.76	339.08
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*84.77*	
		For Seal Class A, Add	*180.85*	
		For Work In Restricted Working Space, Add	*169.55*	
23 31 13 13-1084	LF	56" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	675.63	345.14
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*86.29*	
		For Seal Class A, Add	*184.08*	
		For Work In Restricted Working Space, Add	*172.58*	
23 31 13 13-1085	LF	56" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	687.47	351.19
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*87.80*	
		For Seal Class A, Add	*187.31*	
		For Work In Restricted Working Space, Add	*175.60*	
23 31 13 13-1086	LF	56" x 62", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	699.31	357.25
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*89.31*	
		For Seal Class A, Add	*190.53*	
		For Work In Restricted Working Space, Add	*178.63*	
23 31 13 13-1087	LF	56" x 64", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	711.17	363.31
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*90.83*	
		For Seal Class A, Add	*193.77*	
		For Work In Restricted Working Space, Add	*181.66*	
23 31 13 13-1088	LF	58" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	687.47	351.19
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*87.80*	
		For Seal Class A, Add	*187.31*	
		For Work In Restricted Working Space, Add	*175.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1089	LF	58" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	699.31	357.25
		For Seal Class B, Add	*89.31*	
		For Seal Class A, Add	*190.53*	
		For Work In Restricted Working Space, Add	*178.63*	
23 31 13 13-1090	LF	58" x 62", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	711.17	363.31
		For Seal Class B, Add	*90.83*	
		For Seal Class A, Add	*193.77*	
		For Work In Restricted Working Space, Add	*181.66*	
23 31 13 13-1091	LF	58" x 64", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	723.02	369.37
		For Seal Class B, Add	*92.34*	
		For Seal Class A, Add	*197.00*	
		For Work In Restricted Working Space, Add	*184.68*	
23 31 13 13-1092	LF	58" x 66", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	734.88	375.42
		For Seal Class B, Add	*93.85*	
		For Seal Class A, Add	*200.22*	
		For Work In Restricted Working Space, Add	*187.71*	
23 31 13 13-1093	LF	60" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	711.17	363.31
		For Seal Class B, Add	*90.83*	
		For Seal Class A, Add	*193.77*	
		For Work In Restricted Working Space, Add	*181.66*	
23 31 13 13-1094	LF	60" x 62", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	723.02	369.37
		For Seal Class B, Add	*92.34*	
		For Seal Class A, Add	*197.00*	
		For Work In Restricted Working Space, Add	*184.68*	
23 31 13 13-1095	LF	60" x 64", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	734.88	375.42
		For Seal Class B, Add	*93.85*	
		For Seal Class A, Add	*200.22*	
		For Work In Restricted Working Space, Add	*187.71*	
23 31 13 13-1096	LF	60" x 66", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	746.73	381.48
		For Seal Class B, Add	*95.37*	
		For Seal Class A, Add	*203.45*	
		For Work In Restricted Working Space, Add	*190.74*	
23 31 13 13-1097	LF	60" x 68", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	758.59	387.53
		For Seal Class B, Add	*96.88*	
		For Seal Class A, Add	*206.68*	
		For Work In Restricted Working Space, Add	*193.77*	
23 31 13 13-1098	LF	62" x 62", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	734.88	375.42
		For Seal Class B, Add	*93.85*	
		For Seal Class A, Add	*200.22*	
		For Work In Restricted Working Space, Add	*187.71*	
23 31 13 13-1099	LF	62" x 64", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	746.73	381.48
		For Seal Class B, Add	*95.37*	
		For Seal Class A, Add	*203.45*	
		For Work In Restricted Working Space, Add	*190.74*	
23 31 13 13-1100	LF	62" x 66", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	758.59	387.53
		For Seal Class B, Add	*96.88*	
		For Seal Class A, Add	*206.68*	
		For Work In Restricted Working Space, Add	*193.77*	
23 31 13 13-1101	LF	62" x 68", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	770.43	393.58
		For Seal Class B, Add	*98.40*	
		For Seal Class A, Add	*209.91*	
		For Work In Restricted Working Space, Add	*196.79*	
23 31 13 13-1102	LF	62" x 70", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	782.28	399.64
		For Seal Class B, Add	*99.91*	
		For Seal Class A, Add	*213.14*	
		For Work In Restricted Working Space, Add	*199.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1103	LF	64" x 64", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	758.59	387.53
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*96.88*	
		For Seal Class A, Add	*206.68*	
		For Work In Restricted Working Space, Add	*193.77*	
23 31 13 13-1104	LF	64" x 66", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	770.43	393.58
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*98.40*	
		For Seal Class A, Add	*209.91*	
		For Work In Restricted Working Space, Add	*196.79*	
23 31 13 13-1105	LF	64" x 68", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	782.28	399.64
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*99.91*	
		For Seal Class A, Add	*213.14*	
		For Work In Restricted Working Space, Add	*199.82*	
23 31 13 13-1106	LF	64" x 70", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	794.14	405.69
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*101.42*	
		For Seal Class A, Add	*216.37*	
		For Work In Restricted Working Space, Add	*202.85*	
23 31 13 13-1107	LF	66" x 66", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	782.28	399.64
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*99.91*	
		For Seal Class A, Add	*213.14*	
		For Work In Restricted Working Space, Add	*199.82*	
23 31 13 13-1108	LF	66" x 68", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	794.14	405.69
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*101.42*	
		For Seal Class A, Add	*216.37*	
		For Work In Restricted Working Space, Add	*202.85*	
23 31 13 13-1109	LF	66" x 70", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	806.00	411.75
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*102.94*	
		For Seal Class A, Add	*219.60*	
		For Work In Restricted Working Space, Add	*205.88*	
23 31 13 13-1110	LF	66" x 72", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	817.84	417.80
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*104.45*	
		For Seal Class A, Add	*222.83*	
		For Work In Restricted Working Space, Add	*208.90*	
23 31 13 13-1111	LF	68" x 68", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	806.00	411.75
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*102.94*	
		For Seal Class A, Add	*219.60*	
		For Work In Restricted Working Space, Add	*205.88*	
23 31 13 13-1112	LF	68" x 70", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	817.84	417.80
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*104.45*	
		For Seal Class A, Add	*222.83*	
		For Work In Restricted Working Space, Add	*208.90*	
23 31 13 13-1113	LF	68" x 72", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	829.70	423.85
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*105.97*	
		For Seal Class A, Add	*226.06*	
		For Work In Restricted Working Space, Add	*211.93*	
23 31 13 13-1114	LF	68" x 74", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	841.54	429.91
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*107.48*	
		For Seal Class A, Add	*229.29*	
		For Work In Restricted Working Space, Add	*214.96*	
23 31 13 13-1115	LF	70" x 70", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	829.70	423.85
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*105.97*	
		For Seal Class A, Add	*226.06*	
		For Work In Restricted Working Space, Add	*211.93*	
23 31 13 13-1116	LF	70" x 72", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly	841.54	429.91
		Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.		
		For Seal Class B, Add	*107.48*	
		For Seal Class A, Add	*229.29*	
		For Work In Restricted Working Space, Add	*214.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1117	LF	70" x 74", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	853.42	435.98
		For Seal Class B, Add	*108.99*	
		For Seal Class A, Add	*232.52*	
		For Work In Restricted Working Space, Add	*217.99*	
23 31 13 13-1118	LF	70" x 76", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	865.26	442.03
		For Seal Class B, Add	*110.51*	
		For Seal Class A, Add	*235.75*	
		For Work In Restricted Working Space, Add	*221.01*	
23 31 13 13-1119	LF	70" x 78", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	877.11	448.09
		For Seal Class B, Add	*112.02*	
		For Seal Class A, Add	*238.98*	
		For Work In Restricted Working Space, Add	*224.04*	
23 31 13 13-1120	LF	70" x 80", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	888.95	454.14
		For Seal Class B, Add	*113.53*	
		For Seal Class A, Add	*242.20*	
		For Work In Restricted Working Space, Add	*227.07*	
23 31 13 13-1121	LF	70" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	900.82	460.19
		For Seal Class B, Add	*115.05*	
		For Seal Class A, Add	*245.44*	
		For Work In Restricted Working Space, Add	*230.10*	
23 31 13 13-1122	LF	70" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	912.68	466.25
		For Seal Class B, Add	*116.56*	
		For Seal Class A, Add	*248.67*	
		For Work In Restricted Working Space, Add	*233.12*	
23 31 13 13-1123	LF	70" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	924.53	472.30
		For Seal Class B, Add	*118.08*	
		For Seal Class A, Add	*251.89*	
		For Work In Restricted Working Space, Add	*236.15*	
23 31 13 13-1124	LF	72" x 72", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	853.42	435.98
		For Seal Class B, Add	*108.99*	
		For Seal Class A, Add	*232.52*	
		For Work In Restricted Working Space, Add	*217.99*	
23 31 13 13-1125	LF	72" x 74", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	865.26	442.03
		For Seal Class B, Add	*110.51*	
		For Seal Class A, Add	*235.75*	
		For Work In Restricted Working Space, Add	*221.01*	
23 31 13 13-1126	LF	72" x 76", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	877.11	448.09
		For Seal Class B, Add	*112.02*	
		For Seal Class A, Add	*238.98*	
		For Work In Restricted Working Space, Add	*224.04*	
23 31 13 13-1127	LF	72" x 78", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	888.95	454.14
		For Seal Class B, Add	*113.53*	
		For Seal Class A, Add	*242.20*	
		For Work In Restricted Working Space, Add	*227.07*	
23 31 13 13-1128	LF	72" x 80", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	900.82	460.19
		For Seal Class B, Add	*115.05*	
		For Seal Class A, Add	*245.44*	
		For Work In Restricted Working Space, Add	*230.10*	
23 31 13 13-1129	LF	72" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	912.68	466.25
		For Seal Class B, Add	*116.56*	
		For Seal Class A, Add	*248.67*	
		For Work In Restricted Working Space, Add	*233.12*	
23 31 13 13-1130	LF	72" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	924.53	472.30
		For Seal Class B, Add	*118.08*	
		For Seal Class A, Add	*251.89*	
		For Work In Restricted Working Space, Add	*236.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1131	LF	72" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	936.37	478.35
		For Seal Class B, Add	*119.59*	
		For Seal Class A, Add	*255.12*	
		For Work In Restricted Working Space, Add	*239.18*	
23 31 13 13-1132	LF	74" x 74", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	877.11	448.09
		For Seal Class B, Add	*112.02*	
		For Seal Class A, Add	*238.98*	
		For Work In Restricted Working Space, Add	*224.04*	
23 31 13 13-1133	LF	74" x 76", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	888.95	454.14
		For Seal Class B, Add	*113.53*	
		For Seal Class A, Add	*242.20*	
		For Work In Restricted Working Space, Add	*227.07*	
23 31 13 13-1134	LF	74" x 78", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	900.82	460.19
		For Seal Class B, Add	*115.05*	
		For Seal Class A, Add	*245.44*	
		For Work In Restricted Working Space, Add	*230.10*	
23 31 13 13-1135	LF	74" x 80", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	912.68	466.25
		For Seal Class B, Add	*116.56*	
		For Seal Class A, Add	*248.67*	
		For Work In Restricted Working Space, Add	*233.12*	
23 31 13 13-1136	LF	74" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	924.53	472.30
		For Seal Class B, Add	*118.08*	
		For Seal Class A, Add	*251.89*	
		For Work In Restricted Working Space, Add	*236.15*	
23 31 13 13-1137	LF	74" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	936.37	478.35
		For Seal Class B, Add	*119.59*	
		For Seal Class A, Add	*255.12*	
		For Work In Restricted Working Space, Add	*239.18*	
23 31 13 13-1138	LF	74" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	948.22	484.41
		For Seal Class B, Add	*121.10*	
		For Seal Class A, Add	*258.35*	
		For Work In Restricted Working Space, Add	*242.21*	
23 31 13 13-1139	LF	76" x 76", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	900.82	460.19
		For Seal Class B, Add	*115.05*	
		For Seal Class A, Add	*245.44*	
		For Work In Restricted Working Space, Add	*230.10*	
23 31 13 13-1140	LF	76" x 78", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	912.68	466.25
		For Seal Class B, Add	*116.56*	
		For Seal Class A, Add	*248.67*	
		For Work In Restricted Working Space, Add	*233.12*	
23 31 13 13-1141	LF	76" x 80", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	924.53	472.30
		For Seal Class B, Add	*118.08*	
		For Seal Class A, Add	*251.89*	
		For Work In Restricted Working Space, Add	*236.15*	
23 31 13 13-1142	LF	76" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	936.37	478.35
		For Seal Class B, Add	*119.59*	
		For Seal Class A, Add	*255.12*	
		For Work In Restricted Working Space, Add	*239.18*	
23 31 13 13-1143	LF	76" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	948.22	484.41
		For Seal Class B, Add	*121.10*	
		For Seal Class A, Add	*258.35*	
		For Work In Restricted Working Space, Add	*242.21*	
23 31 13 13-1144	LF	76" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	960.07	490.46
		For Seal Class B, Add	*122.62*	
		For Seal Class A, Add	*261.58*	
		For Work In Restricted Working Space, Add	*245.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1145	LF	78" x 78", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	924.53	472.30
		For Seal Class B, Add	*118.08*	
		For Seal Class A, Add	*251.89*	
		For Work In Restricted Working Space, Add	*236.15*	
23 31 13 13-1146	LF	78" x 80", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	936.37	478.35
		For Seal Class B, Add	*119.59*	
		For Seal Class A, Add	*255.12*	
		For Work In Restricted Working Space, Add	*239.18*	
23 31 13 13-1147	LF	78" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	948.22	484.41
		For Seal Class B, Add	*121.10*	
		For Seal Class A, Add	*258.35*	
		For Work In Restricted Working Space, Add	*242.21*	
23 31 13 13-1148	LF	78" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	960.07	490.46
		For Seal Class B, Add	*122.62*	
		For Seal Class A, Add	*261.58*	
		For Work In Restricted Working Space, Add	*245.24*	
23 31 13 13-1149	LF	78" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	971.93	496.51
		For Seal Class B, Add	*124.13*	
		For Seal Class A, Add	*264.81*	
		For Work In Restricted Working Space, Add	*248.26*	
23 31 13 13-1150	LF	80" x 80", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	948.22	484.41
		For Seal Class B, Add	*121.10*	
		For Seal Class A, Add	*258.35*	
		For Work In Restricted Working Space, Add	*242.21*	
23 31 13 13-1151	LF	80" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	960.07	490.46
		For Seal Class B, Add	*122.62*	
		For Seal Class A, Add	*261.58*	
		For Work In Restricted Working Space, Add	*245.24*	
23 31 13 13-1152	LF	80" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	971.93	496.51
		For Seal Class B, Add	*124.13*	
		For Seal Class A, Add	*264.81*	
		For Work In Restricted Working Space, Add	*248.26*	
23 31 13 13-1153	LF	80" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	993.88	508.64
		For Seal Class B, Add	*127.16*	
		For Seal Class A, Add	*271.27*	
		For Work In Restricted Working Space, Add	*254.32*	
23 31 13 13-1154	LF	82" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	971.93	496.51
		For Seal Class B, Add	*124.13*	
		For Seal Class A, Add	*264.81*	
		For Work In Restricted Working Space, Add	*248.26*	
23 31 13 13-1155	LF	82" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	983.79	502.59
		For Seal Class B, Add	*125.64*	
		For Seal Class A, Add	*268.04*	
		For Work In Restricted Working Space, Add	*251.29*	
23 31 13 13-1156	LF	82" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	995.64	508.64
		For Seal Class B, Add	*127.16*	
		For Seal Class A, Add	*271.27*	
		For Work In Restricted Working Space, Add	*254.32*	
23 31 13 13-1157	LF	84" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	995.64	508.64
		For Seal Class B, Add	*127.16*	
		For Seal Class A, Add	*271.27*	
		For Work In Restricted Working Space, Add	*254.32*	
23 31 13 13-1158	LF	84" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	1,007.49	514.69
		For Seal Class B, Add	*128.67*	
		For Seal Class A, Add	*274.50*	
		For Work In Restricted Working Space, Add	*257.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1159	LF	86" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork Assembly Note: Includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed.	1,019.34	520.75
		For Seal Class B, Add	*130.19*	
		For Seal Class A, Add	*277.73*	
		For Work In Restricted Working Space, Add	*260.37*	

23 31 13 16 Round and Flat-Oval Spiral Ducts *(23 31 13)*

23 31 13 16-0001 Low Pressure Round And Flat-Oval Duct *(23 31 13 16)*

Note: 7" diameter round = 4" x 11.85" flat oval. 8" diameter round = 4" x 15" flat oval. 10" diameter round = 4" x 25.99" or 6" x 15.42" or 8" x 11.14" flat oval. 12" diameter round = 6" x 23.28" or 8" x 15.85" flat oval. 14" diameter round = 6" x 32.70" or 8" x 22.14" or 10" x 17.85 or 12" x 15.14" flat oval. 16" diameter round = 6" x 43.70" or 8" x 29.99" or 10" x 24.14" or 12" x 19.85" or 14" x 17.14" flat oval. 18" diameter round = 6" x 59.41" or 8" x 39.42" or 10" x 30.42" or 12" x 24.57" or 14" x 21.85" or 16" x 19.14" flat oval. 20" diameter round = 8" x 51.98" or 10" x 38.27" or 12" x 30.85" or 14" x 26.57" or 16" x 23.85" or 18" x 21.14" flat oval. Includes sealing the joints by tape, mastic, or spray on sealer.

23 31 13 16-0002 Galvanized Sheet Metal Round And Flat-Oval Ducts *(23 31 13 16-0001)*

Note: Includes straps and supports.

23 31 13 16-0003	LF	4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	8.57	2.99
		For Seal Class B, Add	*0.92*	
		For Seal Class A, Add	*2.44*	
		For Up To 20', Add	*0.74*	
		For >20' To 50', Add	*0.30*	
		For >200' To 500', Deduct	*-0.18*	
		For >500', Deduct	*-0.31*	
		For 28 Gauge, Deduct	*-0.34*	
		For 24 Gauge, Add	*0.34*	
		For 22 Gauge, Add	*0.68*	
		For 20 Gauge, Add	*1.02*	
		For 18 Gauge, Add	*1.35*	
		For 16 Gauge, Add	*1.66*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*1.82*	
		For Work In Restricted Working Space, Add	*1.83*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.61*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.22*	
		For Elevated Installation >20' To 25' Above Floor, Add	*1.53*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.14*	
		For Elevated Installation >30' To 35' Above Floor, Add	*2.44*	
		For Elevated Installation >35' To 40' Above Floor, Add	*3.06*	
		For Elevated Installation >40' Above Floor, Add	*3.36*	
23 31 13 16-0004	LF	5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	9.89	3.39
		For Seal Class B, Add	*1.02*	
		For Seal Class A, Add	*2.71*	
		For Up To 20', Add	*0.93*	
		For >20' To 50', Add	*0.37*	
		For >200' To 500', Deduct	*-0.23*	
		For >500', Deduct	*-0.39*	
		For 28 Gauge, Deduct	*-0.43*	
		For 24 Gauge, Add	*0.43*	
		For 22 Gauge, Add	*0.86*	
		For 20 Gauge, Add	*1.29*	
		For 18 Gauge, Add	*1.71*	
		For 16 Gauge, Add	*2.10*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.30*	
		For Work In Restricted Working Space, Add	*2.03*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.68*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.36*	
		For Elevated Installation >20' To 25' Above Floor, Add	*1.70*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.37*	
		For Elevated Installation >30' To 35' Above Floor, Add	*2.71*	
		For Elevated Installation >35' To 40' Above Floor, Add	*3.39*	
		For Elevated Installation >40' Above Floor, Add	*3.73*	
23 31 13 16-0005	LF	6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	11.23	4.07
		For Seal Class B, Add	*1.15*	
		For Seal Class A, Add	*3.06*	
		For Up To 20', Add	*1.08*	
		For >20' To 50', Add	*0.43*	
		For >200' To 500', Deduct	*-0.27*	
		For >500', Deduct	*-0.45*	
		For 28 Gauge, Deduct	*-0.50*	
		For 24 Gauge, Add	*0.50*	
		For 22 Gauge, Add	*0.99*	
		For 20 Gauge, Add	*1.49*	
		For 18 Gauge, Add	*1.97*	
		For 16 Gauge, Add	*2.42*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.66*	
		For Work In Restricted Working Space, Add	*2.29*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.76*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.53*	
		For Elevated Installation >20' To 25' Above Floor, Add	*1.91*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.67*	
		For Elevated Installation >30' To 35' Above Floor, Add	*3.06*	
		For Elevated Installation >35' To 40' Above Floor, Add	*3.82*	
		For Elevated Installation >40' Above Floor, Add	*4.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0006	LF	7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	12.59	4.75
		For Seal Class B, Add	*1.31*	
		For Seal Class A, Add	*3.49*	
		For Up To 20', Add	*1.16*	
		For >20' To 50', Add	*0.46*	
		For >200' To 500', Deduct	*-0.29*	
		For >500', Deduct	*-0.48*	
		For 28 Gauge, Deduct	*-0.54*	
		For 24 Gauge, Add	*0.53*	
		For 22 Gauge, Add	*1.07*	
		For 20 Gauge, Add	*1.60*	
		For 18 Gauge, Add	*2.13*	
		For 16 Gauge, Add	*2.61*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.86*	
		For Work In Restricted Working Space, Add	*2.62*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.87*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.74*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.18*	
		For Elevated Installation >25' To 30' Above Floor, Add	*3.05*	
		For Elevated Installation >30' To 35' Above Floor, Add	*3.49*	
		For Elevated Installation >35' To 40' Above Floor, Add	*4.36*	
		For Elevated Installation >40' Above Floor, Add	*4.80*	
23 31 13 16-0007	LF	8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	14.32	5.42
		For Seal Class B, Add	*1.53*	
		For Seal Class A, Add	*4.07*	
		For Up To 20', Add	*1.25*	
		For >20' To 50', Add	*0.50*	
		For >200' To 500', Deduct	*-0.31*	
		For >500', Deduct	*-0.52*	
		For 28 Gauge, Deduct	*-0.57*	
		For 24 Gauge, Add	*0.57*	
		For 22 Gauge, Add	*1.14*	
		For 20 Gauge, Add	*1.72*	
		For 18 Gauge, Add	*2.28*	
		For 16 Gauge, Add	*2.80*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.07*	
		For Work In Restricted Working Space, Add	*3.05*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.02*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.03*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.54*	
		For Elevated Installation >25' To 30' Above Floor, Add	*3.56*	
		For Elevated Installation >30' To 35' Above Floor, Add	*4.07*	
		For Elevated Installation >35' To 40' Above Floor, Add	*5.09*	
		For Elevated Installation >40' Above Floor, Add	*5.59*	
23 31 13 16-0008	LF	10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	18.26	6.78
		For Seal Class B, Add	*1.83*	
		For Seal Class A, Add	*4.88*	
		For Up To 20', Add	*1.82*	
		For >20' To 50', Add	*0.73*	
		For >200' To 500', Deduct	*-0.45*	
		For >500', Deduct	*-0.76*	
		For 28 Gauge, Deduct	*-0.84*	
		For 24 Gauge, Add	*0.83*	
		For 22 Gauge, Add	*1.67*	
		For 20 Gauge, Add	*2.50*	
		For 18 Gauge, Add	*3.33*	
		For 16 Gauge, Add	*4.08*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.48*	
		For Work In Restricted Working Space, Add	*3.66*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.22*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.44*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.05*	
		For Elevated Installation >25' To 30' Above Floor, Add	*4.27*	
		For Elevated Installation >30' To 35' Above Floor, Add	*4.88*	
		For Elevated Installation >35' To 40' Above Floor, Add	*6.11*	
		For Elevated Installation >40' Above Floor, Add	*6.72*	
23 31 13 16-0009	LF	12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	22.33	9.10
		For Seal Class B, Add	*2.29*	
		For Seal Class A, Add	*6.10*	
		For Up To 20', Add	*2.12*	
		For >20' To 50', Add	*0.85*	
		For >200' To 500', Deduct	*-0.53*	
		For >500', Deduct	*-0.88*	
		For 28 Gauge, Deduct	*-0.98*	
		For 24 Gauge, Add	*0.98*	
		For 22 Gauge, Add	*1.95*	
		For 20 Gauge, Add	*2.93*	
		For 18 Gauge, Add	*3.89*	
		For 16 Gauge, Add	*4.77*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.23*	
		For Work In Restricted Working Space, Add	*4.58*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.53*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.05*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.82*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.34*	
		For Elevated Installation >30' To 35' Above Floor, Add	*6.10*	
		For Elevated Installation >35' To 40' Above Floor, Add	*7.63*	
		For Elevated Installation >40' Above Floor, Add	*8.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0010	LF	14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	27.12	13.57
		For Seal Class B, Add	*2.86*	
		For Seal Class A, Add	*7.64*	
		For Up To 20', Add	*2.41*	
		For >20' To 50', Add	*0.96*	
		For >200' To 500', Deduct	*-0.60*	
		For >500', Deduct	*-1.00*	
		For 28 Gauge, Deduct	*-1.11*	
		For 24 Gauge, Add	*1.11*	
		For 22 Gauge, Add	*2.21*	
		For 20 Gauge, Add	*3.32*	
		For 18 Gauge, Add	*4.42*	
		For 16 Gauge, Add	*5.42*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.94*	
		For Work In Restricted Working Space, Add	*5.73*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.91*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.82*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.77*	
		For Elevated Installation >25' To 30' Above Floor, Add	*6.68*	
		For Elevated Installation >30' To 35' Above Floor, Add	*7.64*	
		For Elevated Installation >35' To 40' Above Floor, Add	*9.55*	
		For Elevated Installation >40' Above Floor, Add	*10.50*	
23 31 13 16-0011	LF	16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	36.48	18.18
		For Seal Class B, Add	*3.82*	
		For Seal Class A, Add	*10.18*	
		For Up To 20', Add	*3.31*	
		For >20' To 50', Add	*1.32*	
		For >200' To 500', Deduct	*-0.83*	
		For >500', Deduct	*-1.38*	
		For 28 Gauge, Deduct	*-1.53*	
		For 24 Gauge, Add	*1.52*	
		For 22 Gauge, Add	*3.04*	
		For 20 Gauge, Add	*4.57*	
		For 18 Gauge, Add	*6.07*	
		For 16 Gauge, Add	*7.45*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*8.16*	
		For Work In Restricted Working Space, Add	*7.64*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.55*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.09*	
		For Elevated Installation >20' To 25' Above Floor, Add	*6.36*	
		For Elevated Installation >25' To 30' Above Floor, Add	*8.91*	
		For Elevated Installation >30' To 35' Above Floor, Add	*10.18*	
		For Elevated Installation >35' To 40' Above Floor, Add	*12.73*	
		For Elevated Installation >40' Above Floor, Add	*14.00*	
23 31 13 16-0012	LF	18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	51.85	21.84
		For Up To 20', Add	*6.40*	
		For >20' To 50', Add	*2.56*	
		For >200' To 500', Deduct	*-1.60*	
		For >500', Deduct	*-2.67*	
		For 28 Gauge, Deduct	*-2.95*	
		For 24 Gauge, Add	*2.94*	
		For 22 Gauge, Add	*5.87*	
		For 20 Gauge, Add	*8.83*	
		For 18 Gauge, Add	*11.73*	
		For 16 Gauge, Add	*14.39*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*15.78*	
		For Work In Restricted Working Space, Add	*9.16*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.05*	
		For Elevated Installation >15' To 20' Above Floor, Add	*6.11*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.63*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.69*	
		For Elevated Installation >30' To 35' Above Floor, Add	*12.21*	
		For Elevated Installation >35' To 40' Above Floor, Add	*15.27*	
		For Elevated Installation >40' Above Floor, Add	*16.79*	
23 31 13 16-0013	LF	20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	59.08	25.23
		For Up To 20', Add	*7.14*	
		For >20' To 50', Add	*2.86*	
		For >200' To 500', Deduct	*-1.79*	
		For >500', Deduct	*-2.98*	
		For 28 Gauge, Deduct	*-3.30*	
		For 24 Gauge, Add	*3.28*	
		For 22 Gauge, Add	*6.56*	
		For 20 Gauge, Add	*9.85*	
		For 18 Gauge, Add	*13.09*	
		For 16 Gauge, Add	*16.07*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*17.61*	
		For Work In Restricted Working Space, Add	*10.58*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.53*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.06*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.82*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.35*	
		For Elevated Installation >30' To 35' Above Floor, Add	*14.11*	
		For Elevated Installation >35' To 40' Above Floor, Add	*17.64*	
		For Elevated Installation >40' Above Floor, Add	*19.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0014		Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbows *(23 31 13 16-0001)* Note: Up to 90 degree.		
23 31 13 16-0015	EA	4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	43.25	18.11
		For Seal Class B, Add	*5.43*	
		For Seal Class A, Add	*14.49*	
		For 28 Gauge, Deduct	*-0.97*	
		For 24 Gauge, Add	*0.97*	
		For 22 Gauge, Add	*1.93*	
		For 20 Gauge, Add	*2.91*	
		For 18 Gauge, Add	*3.86*	
		For 16 Gauge, Add	*4.74*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.19*	
		For Work In Restricted Working Space, Add	*10.87*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.62*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.25*	
		For Elevated Installation >20' To 25' Above Floor, Add	*9.06*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.68*	
		For Elevated Installation >30' To 35' Above Floor, Add	*14.49*	
		For Elevated Installation >35' To 40' Above Floor, Add	*18.12*	
		For Elevated Installation >40' Above Floor, Add	*19.93*	
23 31 13 16-0016	EA	5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	49.44	20.90
		For Seal Class B, Add	*6.27*	
		For Seal Class A, Add	*16.72*	
		For 28 Gauge, Deduct	*-1.06*	
		For 24 Gauge, Add	*1.05*	
		For 22 Gauge, Add	*2.10*	
		For 20 Gauge, Add	*3.16*	
		For 18 Gauge, Add	*4.20*	
		For 16 Gauge, Add	*5.16*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.65*	
		For Work In Restricted Working Space, Add	*12.54*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.18*	
		For Elevated Installation >15' To 20' Above Floor, Add	*8.36*	
		For Elevated Installation >20' To 25' Above Floor, Add	*10.45*	
		For Elevated Installation >25' To 30' Above Floor, Add	*14.63*	
		For Elevated Installation >30' To 35' Above Floor, Add	*16.72*	
		For Elevated Installation >35' To 40' Above Floor, Add	*20.90*	
		For Elevated Installation >40' Above Floor, Add	*22.99*	
23 31 13 16-0017	EA	6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	57.99	24.70
		For Seal Class B, Add	*7.41*	
		For Seal Class A, Add	*19.76*	
		For 28 Gauge, Deduct	*-1.19*	
		For 24 Gauge, Add	*1.19*	
		For 22 Gauge, Add	*2.37*	
		For 20 Gauge, Add	*3.56*	
		For 18 Gauge, Add	*4.73*	
		For 16 Gauge, Add	*5.81*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.36*	
		For Work In Restricted Working Space, Add	*14.82*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.94*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.88*	
		For Elevated Installation >20' To 25' Above Floor, Add	*12.35*	
		For Elevated Installation >25' To 30' Above Floor, Add	*17.29*	
		For Elevated Installation >30' To 35' Above Floor, Add	*19.76*	
		For Elevated Installation >35' To 40' Above Floor, Add	*24.70*	
		For Elevated Installation >40' Above Floor, Add	*27.16*	
23 31 13 16-0018	EA	7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	74.08	31.75
		For Seal Class B, Add	*9.53*	
		For Seal Class A, Add	*25.40*	
		For 28 Gauge, Deduct	*-1.46*	
		For 24 Gauge, Add	*1.46*	
		For 22 Gauge, Add	*2.91*	
		For 20 Gauge, Add	*4.38*	
		For 18 Gauge, Add	*5.81*	
		For 16 Gauge, Add	*7.13*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.82*	
		For Work In Restricted Working Space, Add	*19.05*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.35*	
		For Elevated Installation >15' To 20' Above Floor, Add	*12.70*	
		For Elevated Installation >20' To 25' Above Floor, Add	*15.88*	
		For Elevated Installation >25' To 30' Above Floor, Add	*22.23*	
		For Elevated Installation >30' To 35' Above Floor, Add	*25.40*	
		For Elevated Installation >35' To 40' Above Floor, Add	*31.76*	
		For Elevated Installation >40' Above Floor, Add	*34.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0019	EA	8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	88.75	38.68
		For Seal Class B, Add	*11.60*	
		For Seal Class A, Add	*30.94*	
		For 28 Gauge, Deduct	*-1.58*	
		For 24 Gauge, Add	*1.57*	
		For 22 Gauge, Add	*3.14*	
		For 20 Gauge, Add	*4.72*	
		For 18 Gauge, Add	*6.28*	
		For 16 Gauge, Add	*7.70*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*8.44*	
		For Work In Restricted Working Space, Add	*23.20*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.73*	
		For Elevated Installation >15' To 20' Above Floor, Add	*15.47*	
		For Elevated Installation >20' To 25' Above Floor, Add	*19.34*	
		For Elevated Installation >25' To 30' Above Floor, Add	*27.07*	
		For Elevated Installation >30' To 35' Above Floor, Add	*30.94*	
		For Elevated Installation >35' To 40' Above Floor, Add	*38.67*	
		For Elevated Installation >40' Above Floor, Add	*42.54*	
23 31 13 16-0020	EA	10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	135.83	60.39
		For Seal Class B, Add	*18.12*	
		For Seal Class A, Add	*48.31*	
		For 28 Gauge, Deduct	*-2.09*	
		For 24 Gauge, Add	*2.08*	
		For 22 Gauge, Add	*4.15*	
		For 20 Gauge, Add	*6.23*	
		For 18 Gauge, Add	*8.28*	
		For 16 Gauge, Add	*10.17*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*11.14*	
		For Work In Restricted Working Space, Add	*36.23*	
		For Elevated Installation >10' To 15' Above Floor, Add	*12.08*	
		For Elevated Installation >15' To 20' Above Floor, Add	*24.15*	
		For Elevated Installation >20' To 25' Above Floor, Add	*30.19*	
		For Elevated Installation >25' To 30' Above Floor, Add	*42.27*	
		For Elevated Installation >30' To 35' Above Floor, Add	*48.31*	
		For Elevated Installation >35' To 40' Above Floor, Add	*60.39*	
		For Elevated Installation >40' Above Floor, Add	*66.42*	
23 31 13 16-0021	EA	12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	187.31	83.45
		For Seal Class B, Add	*25.04*	
		For Seal Class A, Add	*66.76*	
		For 28 Gauge, Deduct	*-2.83*	
		For 24 Gauge, Add	*2.82*	
		For 22 Gauge, Add	*5.62*	
		For 20 Gauge, Add	*8.45*	
		For 18 Gauge, Add	*11.23*	
		For 16 Gauge, Add	*13.78*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*15.10*	
		For Work In Restricted Working Space, Add	*50.07*	
		For Elevated Installation >10' To 15' Above Floor, Add	*16.69*	
		For Elevated Installation >15' To 20' Above Floor, Add	*33.38*	
		For Elevated Installation >20' To 25' Above Floor, Add	*41.73*	
		For Elevated Installation >25' To 30' Above Floor, Add	*58.42*	
		For Elevated Installation >30' To 35' Above Floor, Add	*66.76*	
		For Elevated Installation >35' To 40' Above Floor, Add	*83.45*	
		For Elevated Installation >40' Above Floor, Add	*91.80*	
23 31 13 16-0022	EA	14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	228.72	98.71
		For Seal Class B, Add	*29.62*	
		For Seal Class A, Add	*78.98*	
		For 28 Gauge, Deduct	*-4.33*	
		For 24 Gauge, Add	*4.32*	
		For 22 Gauge, Add	*8.62*	
		For 20 Gauge, Add	*12.95*	
		For 18 Gauge, Add	*17.20*	
		For 16 Gauge, Add	*21.11*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*23.15*	
		For Work In Restricted Working Space, Add	*59.23*	
		For Elevated Installation >10' To 15' Above Floor, Add	*19.74*	
		For Elevated Installation >15' To 20' Above Floor, Add	*39.49*	
		For Elevated Installation >20' To 25' Above Floor, Add	*49.36*	
		For Elevated Installation >25' To 30' Above Floor, Add	*69.10*	
		For Elevated Installation >30' To 35' Above Floor, Add	*78.98*	
		For Elevated Installation >35' To 40' Above Floor, Add	*98.72*	
		For Elevated Installation >40' Above Floor, Add	*108.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0023	EA	16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	261.94	108.55
		For Seal Class B, Add	*32.57*	
		For Seal Class A, Add	*86.84*	
		For 28 Gauge, Deduct	*-6.21*	
		For 24 Gauge, Add	*6.19*	
		For 22 Gauge, Add	*12.35*	
		For 20 Gauge, Add	*18.56*	
		For 18 Gauge, Add	*24.66*	
		For 16 Gauge, Add	*30.26*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*33.17*	
		For Work In Restricted Working Space, Add	*65.13*	
		For Elevated Installation >10' To 15' Above Floor, Add	*21.71*	
		For Elevated Installation >15' To 20' Above Floor, Add	*43.42*	
		For Elevated Installation >20' To 25' Above Floor, Add	*54.28*	
		For Elevated Installation >25' To 30' Above Floor, Add	*75.99*	
		For Elevated Installation >30' To 35' Above Floor, Add	*86.84*	
		For Elevated Installation >35' To 40' Above Floor, Add	*108.56*	
		For Elevated Installation >40' Above Floor, Add	*119.41*	
23 31 13 16-0024	EA	18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	293.05	112.97
		For Seal Class B, Add	*33.89*	
		For Seal Class A, Add	*90.37*	
		For 28 Gauge, Deduct	*-9.30*	
		For 24 Gauge, Add	*9.26*	
		For 22 Gauge, Add	*18.49*	
		For 20 Gauge, Add	*27.79*	
		For 18 Gauge, Add	*36.92*	
		For 16 Gauge, Add	*45.31*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*49.67*	
		For Work In Restricted Working Space, Add	*67.78*	
		For Elevated Installation >10' To 15' Above Floor, Add	*22.59*	
		For Elevated Installation >15' To 20' Above Floor, Add	*45.19*	
		For Elevated Installation >20' To 25' Above Floor, Add	*56.48*	
		For Elevated Installation >25' To 30' Above Floor, Add	*79.08*	
		For Elevated Installation >30' To 35' Above Floor, Add	*90.37*	
		For Elevated Installation >35' To 40' Above Floor, Add	*112.97*	
		For Elevated Installation >40' Above Floor, Add	*124.26*	
23 31 13 16-0025	EA	20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	322.88	116.69
		For Seal Class B, Add	*35.01*	
		For Seal Class A, Add	*93.36*	
		For 28 Gauge, Deduct	*-12.39*	
		For 24 Gauge, Add	*12.35*	
		For 22 Gauge, Add	*24.65*	
		For 20 Gauge, Add	*37.05*	
		For 18 Gauge, Add	*49.22*	
		For 16 Gauge, Add	*60.41*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*66.22*	
		For Work In Restricted Working Space, Add	*70.02*	
		For Elevated Installation >10' To 15' Above Floor, Add	*23.34*	
		For Elevated Installation >15' To 20' Above Floor, Add	*46.68*	
		For Elevated Installation >20' To 25' Above Floor, Add	*58.35*	
		For Elevated Installation >25' To 30' Above Floor, Add	*81.69*	
		For Elevated Installation >30' To 35' Above Floor, Add	*93.36*	
		For Elevated Installation >35' To 40' Above Floor, Add	*116.70*	
		For Elevated Installation >40' Above Floor, Add	*128.36*	

23 31 13 16-0026 Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbows *(23 31 13 16-0001)*

23 31 13 16-0027	EA	4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	36.43	12.21
		For Seal Class B, Add	*4.58*	
		For Seal Class A, Add	*12.21*	
		For 28 Gauge, Deduct	*-0.82*	
		For 24 Gauge, Add	*0.81*	
		For 22 Gauge, Add	*1.63*	
		For 20 Gauge, Add	*2.44*	
		For 18 Gauge, Add	*3.25*	
		For 16 Gauge, Add	*3.98*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.37*	
		For Work In Restricted Working Space, Add	*9.16*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.05*	
		For Elevated Installation >15' To 20' Above Floor, Add	*6.11*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.63*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.69*	
		For Elevated Installation >30' To 35' Above Floor, Add	*12.21*	
		For Elevated Installation >35' To 40' Above Floor, Add	*15.27*	
		For Elevated Installation >40' Above Floor, Add	*16.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0028	EA	5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	41.62	13.98
		For Seal Class B, Add	*5.23*	
		For Seal Class A, Add	*13.96*	
		For 28 Gauge, Deduct	*-0.93*	
		For 24 Gauge, Add	*0.93*	
		For 22 Gauge, Add	*1.85*	
		For 20 Gauge, Add	*2.79*	
		For 18 Gauge, Add	*3.70*	
		For 16 Gauge, Add	*4.54*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.98*	
		For Work In Restricted Working Space, Add	*10.47*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.49*	
		For Elevated Installation >15' To 20' Above Floor, Add	*6.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.72*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.21*	
		For Elevated Installation >30' To 35' Above Floor, Add	*13.96*	
		For Elevated Installation >35' To 40' Above Floor, Add	*17.45*	
		For Elevated Installation >40' Above Floor, Add	*19.19*	
23 31 13 16-0029	EA	6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	48.37	16.28
		For Seal Class B, Add	*6.11*	
		For Seal Class A, Add	*16.28*	
		For 28 Gauge, Deduct	*-1.06*	
		For 24 Gauge, Add	*1.06*	
		For 22 Gauge, Add	*2.11*	
		For 20 Gauge, Add	*3.17*	
		For 18 Gauge, Add	*4.21*	
		For 16 Gauge, Add	*5.17*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.67*	
		For Work In Restricted Working Space, Add	*12.21*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.07*	
		For Elevated Installation >15' To 20' Above Floor, Add	*8.14*	
		For Elevated Installation >20' To 25' Above Floor, Add	*10.18*	
		For Elevated Installation >25' To 30' Above Floor, Add	*14.25*	
		For Elevated Installation >30' To 35' Above Floor, Add	*16.28*	
		For Elevated Installation >35' To 40' Above Floor, Add	*20.36*	
		For Elevated Installation >40' Above Floor, Add	*22.39*	
23 31 13 16-0030	EA	7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	56.97	19.54
		For Seal Class B, Add	*7.33*	
		For Seal Class A, Add	*19.54*	
		For 28 Gauge, Deduct	*-1.12*	
		For 24 Gauge, Add	*1.12*	
		For 22 Gauge, Add	*2.24*	
		For 20 Gauge, Add	*3.36*	
		For 18 Gauge, Add	*4.47*	
		For 16 Gauge, Add	*5.48*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.01*	
		For Work In Restricted Working Space, Add	*14.66*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.89*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.77*	
		For Elevated Installation >20' To 25' Above Floor, Add	*12.21*	
		For Elevated Installation >25' To 30' Above Floor, Add	*17.10*	
		For Elevated Installation >30' To 35' Above Floor, Add	*19.54*	
		For Elevated Installation >35' To 40' Above Floor, Add	*24.43*	
		For Elevated Installation >40' Above Floor, Add	*26.87*	
23 31 13 16-0031	EA	8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	70.49	24.43
		For Seal Class B, Add	*9.16*	
		For Seal Class A, Add	*24.42*	
		For 28 Gauge, Deduct	*-1.31*	
		For 24 Gauge, Add	*1.30*	
		For 22 Gauge, Add	*2.60*	
		For 20 Gauge, Add	*3.90*	
		For 18 Gauge, Add	*5.19*	
		For 16 Gauge, Add	*6.37*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.98*	
		For Work In Restricted Working Space, Add	*18.32*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.11*	
		For Elevated Installation >15' To 20' Above Floor, Add	*12.21*	
		For Elevated Installation >20' To 25' Above Floor, Add	*15.27*	
		For Elevated Installation >25' To 30' Above Floor, Add	*21.37*	
		For Elevated Installation >30' To 35' Above Floor, Add	*24.42*	
		For Elevated Installation >35' To 40' Above Floor, Add	*30.53*	
		For Elevated Installation >40' Above Floor, Add	*33.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0032	EA	10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	94.89	32.57
		For Seal Class B, Add	*12.21*	
		For Seal Class A, Add	*32.57*	
		For 28 Gauge, Deduct	*-1.87*	
		For 24 Gauge, Add	*1.86*	
		For 22 Gauge, Add	*3.71*	
		For 20 Gauge, Add	*5.58*	
		For 18 Gauge, Add	*7.41*	
		For 16 Gauge, Add	*9.09*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*9.97*	
		For Work In Restricted Working Space, Add	*24.43*	
		For Elevated Installation >10' To 15' Above Floor, Add	*8.14*	
		For Elevated Installation >15' To 20' Above Floor, Add	*16.28*	
		For Elevated Installation >20' To 25' Above Floor, Add	*20.36*	
		For Elevated Installation >25' To 30' Above Floor, Add	*28.50*	
		For Elevated Installation >30' To 35' Above Floor, Add	*32.57*	
		For Elevated Installation >35' To 40' Above Floor, Add	*40.71*	
		For Elevated Installation >40' Above Floor, Add	*44.78*	
23 31 13 16-0033	EA	12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	139.95	48.85
		For Seal Class B, Add	*18.32*	
		For Seal Class A, Add	*48.85*	
		For 28 Gauge, Deduct	*-2.47*	
		For 24 Gauge, Add	*2.46*	
		For 22 Gauge, Add	*4.91*	
		For 20 Gauge, Add	*7.38*	
		For 18 Gauge, Add	*9.80*	
		For 16 Gauge, Add	*12.03*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*13.19*	
		For Work In Restricted Working Space, Add	*36.64*	
		For Elevated Installation >10' To 15' Above Floor, Add	*12.21*	
		For Elevated Installation >15' To 20' Above Floor, Add	*24.43*	
		For Elevated Installation >20' To 25' Above Floor, Add	*30.53*	
		For Elevated Installation >25' To 30' Above Floor, Add	*42.75*	
		For Elevated Installation >30' To 35' Above Floor, Add	*48.85*	
		For Elevated Installation >35' To 40' Above Floor, Add	*61.07*	
		For Elevated Installation >40' Above Floor, Add	*67.17*	
23 31 13 16-0034	EA	14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	189.40	62.42
		For Seal Class B, Add	*23.41*	
		For Seal Class A, Add	*62.42*	
		For 28 Gauge, Deduct	*-4.62*	
		For 24 Gauge, Add	*4.60*	
		For 22 Gauge, Add	*9.19*	
		For 20 Gauge, Add	*13.81*	
		For 18 Gauge, Add	*18.34*	
		For 16 Gauge, Add	*22.51*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*24.68*	
		For Work In Restricted Working Space, Add	*46.82*	
		For Elevated Installation >10' To 15' Above Floor, Add	*15.61*	
		For Elevated Installation >15' To 20' Above Floor, Add	*31.21*	
		For Elevated Installation >20' To 25' Above Floor, Add	*39.01*	
		For Elevated Installation >25' To 30' Above Floor, Add	*54.62*	
		For Elevated Installation >30' To 35' Above Floor, Add	*62.42*	
		For Elevated Installation >35' To 40' Above Floor, Add	*78.03*	
		For Elevated Installation >40' Above Floor, Add	*85.83*	
23 31 13 16-0035	EA	16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	237.57	78.70
		For Seal Class B, Add	*29.51*	
		For Seal Class A, Add	*78.70*	
		For 28 Gauge, Deduct	*-5.65*	
		For 24 Gauge, Add	*5.63*	
		For 22 Gauge, Add	*11.24*	
		For 20 Gauge, Add	*16.90*	
		For 18 Gauge, Add	*22.45*	
		For 16 Gauge, Add	*27.55*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*30.20*	
		For Work In Restricted Working Space, Add	*59.03*	
		For Elevated Installation >10' To 15' Above Floor, Add	*19.68*	
		For Elevated Installation >15' To 20' Above Floor, Add	*39.35*	
		For Elevated Installation >20' To 25' Above Floor, Add	*49.19*	
		For Elevated Installation >25' To 30' Above Floor, Add	*68.87*	
		For Elevated Installation >30' To 35' Above Floor, Add	*78.70*	
		For Elevated Installation >35' To 40' Above Floor, Add	*98.38*	
		For Elevated Installation >40' Above Floor, Add	*108.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0036	EA	18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	268.29	82.09
		For Seal Class B, Add	*30.74*	
		For Seal Class A, Add	*81.96*	
		For 28 Gauge, Deduct	*-8.78*	
		For 24 Gauge, Add	*8.75*	
		For 22 Gauge, Add	*17.46*	
		For 20 Gauge, Add	*26.24*	
		For 18 Gauge, Add	*34.86*	
		For 16 Gauge, Add	*42.79*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*46.91*	
		For Work In Restricted Working Space, Add	*61.47*	
		For Elevated Installation >10' To 15' Above Floor, Add	*20.49*	
		For Elevated Installation >15' To 20' Above Floor, Add	*40.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*51.23*	
		For Elevated Installation >25' To 30' Above Floor, Add	*71.72*	
		For Elevated Installation >30' To 35' Above Floor, Add	*81.96*	
		For Elevated Installation >35' To 40' Above Floor, Add	*102.45*	
		For Elevated Installation >40' Above Floor, Add	*112.70*	
23 31 13 16-0037	EA	20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	294.84	84.13
		For Seal Class B, Add	*31.55*	
		For Seal Class A, Add	*84.13*	
		For 28 Gauge, Deduct	*-11.71*	
		For 24 Gauge, Add	*11.66*	
		For 22 Gauge, Add	*23.29*	
		For 20 Gauge, Add	*34.99*	
		For 18 Gauge, Add	*46.49*	
		For 16 Gauge, Add	*57.05*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*62.54*	
		For Work In Restricted Working Space, Add	*63.10*	
		For Elevated Installation >10' To 15' Above Floor, Add	*21.03*	
		For Elevated Installation >15' To 20' Above Floor, Add	*42.06*	
		For Elevated Installation >20' To 25' Above Floor, Add	*52.58*	
		For Elevated Installation >25' To 30' Above Floor, Add	*73.61*	
		For Elevated Installation >30' To 35' Above Floor, Add	*84.13*	
		For Elevated Installation >35' To 40' Above Floor, Add	*105.16*	
		For Elevated Installation >40' Above Floor, Add	*115.68*	

23 31 13 16-0038 Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbows *(23 31 13 16-0001)*

23 31 13 16-0039	EA	4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	34.24	12.21
		For Seal Class B, Add	*4.58*	
		For Seal Class A, Add	*12.21*	
		For 28 Gauge, Deduct	*-0.51*	
		For 24 Gauge, Add	*0.51*	
		For 22 Gauge, Add	*1.02*	
		For 20 Gauge, Add	*1.54*	
		For 18 Gauge, Add	*2.04*	
		For 16 Gauge, Add	*2.50*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.75*	
		For Work In Restricted Working Space, Add	*9.16*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.05*	
		For Elevated Installation >15' To 20' Above Floor, Add	*6.11*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.63*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.69*	
		For Elevated Installation >30' To 35' Above Floor, Add	*12.21*	
		For Elevated Installation >35' To 40' Above Floor, Add	*15.27*	
		For Elevated Installation >40' Above Floor, Add	*16.79*	
23 31 13 16-0040	EA	5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	39.65	13.98
		For Seal Class B, Add	*5.23*	
		For Seal Class A, Add	*13.96*	
		For 28 Gauge, Deduct	*-0.66*	
		For 24 Gauge, Add	*0.66*	
		For 22 Gauge, Add	*1.31*	
		For 20 Gauge, Add	*1.97*	
		For 18 Gauge, Add	*2.62*	
		For 16 Gauge, Add	*3.21*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.52*	
		For Work In Restricted Working Space, Add	*10.47*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.49*	
		For Elevated Installation >15' To 20' Above Floor, Add	*6.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.72*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.21*	
		For Elevated Installation >30' To 35' Above Floor, Add	*13.96*	
		For Elevated Installation >35' To 40' Above Floor, Add	*17.45*	
		For Elevated Installation >40' Above Floor, Add	*19.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0041	EA	6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	45.91	16.28
		For Seal Class B, Add	*6.11*	
		For Seal Class A, Add	*16.28*	
		For 28 Gauge, Deduct	*-0.72*	
		For 24 Gauge, Add	*0.72*	
		For 22 Gauge, Add	*1.43*	
		For 20 Gauge, Add	*2.15*	
		For 18 Gauge, Add	*2.86*	
		For 16 Gauge, Add	*3.51*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.85*	
		For Work In Restricted Working Space, Add	*12.21*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.07*	
		For Elevated Installation >15' To 20' Above Floor, Add	*8.14*	
		For Elevated Installation >20' To 25' Above Floor, Add	*10.18*	
		For Elevated Installation >25' To 30' Above Floor, Add	*14.25*	
		For Elevated Installation >30' To 35' Above Floor, Add	*16.28*	
		For Elevated Installation >35' To 40' Above Floor, Add	*20.36*	
		For Elevated Installation >40' Above Floor, Add	*22.39*	
23 31 13 16-0042	EA	7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	54.88	19.54
		For Seal Class B, Add	*7.33*	
		For Seal Class A, Add	*19.54*	
		For 28 Gauge, Deduct	*-0.84*	
		For 24 Gauge, Add	*0.83*	
		For 22 Gauge, Add	*1.66*	
		For 20 Gauge, Add	*2.50*	
		For 18 Gauge, Add	*3.32*	
		For 16 Gauge, Add	*4.07*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.46*	
		For Work In Restricted Working Space, Add	*14.66*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.89*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.77*	
		For Elevated Installation >20' To 25' Above Floor, Add	*12.21*	
		For Elevated Installation >25' To 30' Above Floor, Add	*17.10*	
		For Elevated Installation >30' To 35' Above Floor, Add	*19.54*	
		For Elevated Installation >35' To 40' Above Floor, Add	*24.43*	
		For Elevated Installation >40' Above Floor, Add	*26.87*	
23 31 13 16-0043	EA	8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	67.92	24.43
		For Seal Class B, Add	*9.16*	
		For Seal Class A, Add	*24.42*	
		For 28 Gauge, Deduct	*-0.95*	
		For 24 Gauge, Add	*0.95*	
		For 22 Gauge, Add	*1.89*	
		For 20 Gauge, Add	*2.84*	
		For 18 Gauge, Add	*3.77*	
		For 16 Gauge, Add	*4.63*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.08*	
		For Work In Restricted Working Space, Add	*18.32*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.11*	
		For Elevated Installation >15' To 20' Above Floor, Add	*12.21*	
		For Elevated Installation >20' To 25' Above Floor, Add	*15.27*	
		For Elevated Installation >25' To 30' Above Floor, Add	*21.37*	
		For Elevated Installation >30' To 35' Above Floor, Add	*24.42*	
		For Elevated Installation >35' To 40' Above Floor, Add	*30.53*	
		For Elevated Installation >40' Above Floor, Add	*33.58*	
23 31 13 16-0044	EA	10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	91.88	32.57
		For Seal Class B, Add	*12.21*	
		For Seal Class A, Add	*32.57*	
		For 28 Gauge, Deduct	*-1.45*	
		For 24 Gauge, Add	*1.44*	
		For 22 Gauge, Add	*2.88*	
		For 20 Gauge, Add	*4.33*	
		For 18 Gauge, Add	*5.75*	
		For 16 Gauge, Add	*7.06*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.74*	
		For Work In Restricted Working Space, Add	*24.43*	
		For Elevated Installation >10' To 15' Above Floor, Add	*8.14*	
		For Elevated Installation >15' To 20' Above Floor, Add	*16.28*	
		For Elevated Installation >20' To 25' Above Floor, Add	*20.36*	
		For Elevated Installation >25' To 30' Above Floor, Add	*28.50*	
		For Elevated Installation >30' To 35' Above Floor, Add	*32.57*	
		For Elevated Installation >35' To 40' Above Floor, Add	*40.71*	
		For Elevated Installation >40' Above Floor, Add	*44.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0045	EA	12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	135.60	48.85
		For Seal Class B, Add	*18.32*	
		For Seal Class A, Add	*48.85*	
		For 28 Gauge, Deduct	*-1.87*	
		For 24 Gauge, Add	*1.86*	
		For 22 Gauge, Add	*3.71*	
		For 20 Gauge, Add	*5.58*	
		For 18 Gauge, Add	*7.41*	
		For 16 Gauge, Add	*9.09*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*9.97*	
		For Work In Restricted Working Space, Add	*36.64*	
		For Elevated Installation >10' To 15' Above Floor, Add	*12.21*	
		For Elevated Installation >15' To 20' Above Floor, Add	*24.43*	
		For Elevated Installation >20' To 25' Above Floor, Add	*30.53*	
		For Elevated Installation >25' To 30' Above Floor, Add	*42.75*	
		For Elevated Installation >30' To 35' Above Floor, Add	*48.85*	
		For Elevated Installation >35' To 40' Above Floor, Add	*61.07*	
		For Elevated Installation >40' Above Floor, Add	*67.17*	
23 31 13 16-0046	EA	14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	179.36	62.42
		For Seal Class B, Add	*23.41*	
		For Seal Class A, Add	*62.42*	
		For 28 Gauge, Deduct	*-3.23*	
		For 24 Gauge, Add	*3.22*	
		For 22 Gauge, Add	*6.42*	
		For 20 Gauge, Add	*9.65*	
		For 18 Gauge, Add	*12.82*	
		For 16 Gauge, Add	*15.73*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*17.25*	
		For Work In Restricted Working Space, Add	*46.82*	
		For Elevated Installation >10' To 15' Above Floor, Add	*15.61*	
		For Elevated Installation >15' To 20' Above Floor, Add	*31.21*	
		For Elevated Installation >20' To 25' Above Floor, Add	*39.01*	
		For Elevated Installation >25' To 30' Above Floor, Add	*54.62*	
		For Elevated Installation >30' To 35' Above Floor, Add	*62.42*	
		For Elevated Installation >35' To 40' Above Floor, Add	*78.03*	
		For Elevated Installation >40' Above Floor, Add	*85.83*	
23 31 13 16-0047	EA	16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	234.98	78.70
		For Seal Class B, Add	*29.51*	
		For Seal Class A, Add	*78.70*	
		For 28 Gauge, Deduct	*-5.29*	
		For 24 Gauge, Add	*5.27*	
		For 22 Gauge, Add	*10.53*	
		For 20 Gauge, Add	*15.82*	
		For 18 Gauge, Add	*21.02*	
		For 16 Gauge, Add	*25.80*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*28.28*	
		For Work In Restricted Working Space, Add	*59.03*	
		For Elevated Installation >10' To 15' Above Floor, Add	*19.68*	
		For Elevated Installation >15' To 20' Above Floor, Add	*39.35*	
		For Elevated Installation >20' To 25' Above Floor, Add	*49.19*	
		For Elevated Installation >25' To 30' Above Floor, Add	*68.87*	
		For Elevated Installation >30' To 35' Above Floor, Add	*78.70*	
		For Elevated Installation >35' To 40' Above Floor, Add	*98.38*	
		For Elevated Installation >40' Above Floor, Add	*108.22*	
23 31 13 16-0048	EA	18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	251.10	82.09
		For Seal Class B, Add	*30.74*	
		For Seal Class A, Add	*81.96*	
		For 28 Gauge, Deduct	*-6.40*	
		For 24 Gauge, Add	*6.38*	
		For 22 Gauge, Add	*12.73*	
		For 20 Gauge, Add	*19.13*	
		For 18 Gauge, Add	*25.41*	
		For 16 Gauge, Add	*31.19*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*34.19*	
		For Work In Restricted Working Space, Add	*61.47*	
		For Elevated Installation >10' To 15' Above Floor, Add	*20.49*	
		For Elevated Installation >15' To 20' Above Floor, Add	*40.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*51.23*	
		For Elevated Installation >25' To 30' Above Floor, Add	*71.72*	
		For Elevated Installation >30' To 35' Above Floor, Add	*81.96*	
		For Elevated Installation >35' To 40' Above Floor, Add	*102.45*	
		For Elevated Installation >40' Above Floor, Add	*112.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0049	EA	20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	269.51	84.13
		For Seal Class B, Add	*31.55*	
		For Seal Class A, Add	*84.13*	
		For 28 Gauge, Deduct	*-8.20*	
		For 24 Gauge, Add	*8.17*	
		For 22 Gauge, Add	*16.31*	
		For 20 Gauge, Add	*24.50*	
		For 18 Gauge, Add	*32.55*	
		For 16 Gauge, Add	*39.95*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*43.80*	
		For Work In Restricted Working Space, Add	*63.10*	
		For Elevated Installation >10' To 15' Above Floor, Add	*21.03*	
		For Elevated Installation >15' To 20' Above Floor, Add	*42.06*	
		For Elevated Installation >20' To 25' Above Floor, Add	*52.58*	
		For Elevated Installation >25' To 30' Above Floor, Add	*73.61*	
		For Elevated Installation >30' To 35' Above Floor, Add	*84.13*	
		For Elevated Installation >35' To 40' Above Floor, Add	*105.16*	
		For Elevated Installation >40' Above Floor, Add	*115.68*	

23 31 13 16-0050 Galvanized Sheet Metal Round And Flat-Oval Tees *(23 31 13 16-0001)*

23 31 13 16-0051	EA	4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	54.06	18.32
		For Seal Class B, Add	*6.87*	
		For Seal Class A, Add	*18.32*	
		For 28 Gauge, Deduct	*-1.15*	
		For 24 Gauge, Add	*1.14*	
		For 22 Gauge, Add	*2.28*	
		For 20 Gauge, Add	*3.42*	
		For 18 Gauge, Add	*4.55*	
		For 16 Gauge, Add	*5.58*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.12*	
		For Work In Restricted Working Space, Add	*13.74*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.58*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.16*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.45*	
		For Elevated Installation >25' To 30' Above Floor, Add	*16.03*	
		For Elevated Installation >30' To 35' Above Floor, Add	*18.32*	
		For Elevated Installation >35' To 40' Above Floor, Add	*22.90*	
		For Elevated Installation >40' Above Floor, Add	*25.18*	
23 31 13 16-0052	EA	5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	63.32	20.90
		For Seal Class B, Add	*7.85*	
		For Seal Class A, Add	*20.94*	
		For 28 Gauge, Deduct	*-1.52*	
		For 24 Gauge, Add	*1.52*	
		For 22 Gauge, Add	*3.02*	
		For 20 Gauge, Add	*4.55*	
		For 18 Gauge, Add	*6.04*	
		For 16 Gauge, Add	*7.41*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*8.13*	
		For Work In Restricted Working Space, Add	*15.70*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.23*	
		For Elevated Installation >15' To 20' Above Floor, Add	*10.47*	
		For Elevated Installation >20' To 25' Above Floor, Add	*13.09*	
		For Elevated Installation >25' To 30' Above Floor, Add	*18.32*	
		For Elevated Installation >30' To 35' Above Floor, Add	*20.94*	
		For Elevated Installation >35' To 40' Above Floor, Add	*26.17*	
		For Elevated Installation >40' Above Floor, Add	*28.79*	
23 31 13 16-0053	EA	6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	72.97	24.43
		For Seal Class B, Add	*9.16*	
		For Seal Class A, Add	*24.42*	
		For 28 Gauge, Deduct	*-1.65*	
		For 24 Gauge, Add	*1.64*	
		For 22 Gauge, Add	*3.28*	
		For 20 Gauge, Add	*4.93*	
		For 18 Gauge, Add	*6.55*	
		For 16 Gauge, Add	*8.04*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*8.81*	
		For Work In Restricted Working Space, Add	*18.32*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.11*	
		For Elevated Installation >15' To 20' Above Floor, Add	*12.21*	
		For Elevated Installation >20' To 25' Above Floor, Add	*15.27*	
		For Elevated Installation >25' To 30' Above Floor, Add	*21.37*	
		For Elevated Installation >30' To 35' Above Floor, Add	*24.42*	
		For Elevated Installation >35' To 40' Above Floor, Add	*30.53*	
		For Elevated Installation >40' Above Floor, Add	*33.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0054	EA	7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	86.98	29.31
		For Seal Class B, Add	*10.99*	
		For Seal Class A, Add	*29.31*	
		For 28 Gauge, Deduct	*-1.90*	
		For 24 Gauge, Add	*1.89*	
		For 22 Gauge, Add	*3.78*	
		For 20 Gauge, Add	*5.68*	
		For 18 Gauge, Add	*7.54*	
		For 16 Gauge, Add	*9.25*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*10.15*	
		For Work In Restricted Working Space, Add	*21.98*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.33*	
		For Elevated Installation >15' To 20' Above Floor, Add	*14.65*	
		For Elevated Installation >20' To 25' Above Floor, Add	*18.32*	
		For Elevated Installation >25' To 30' Above Floor, Add	*25.64*	
		For Elevated Installation >30' To 35' Above Floor, Add	*29.31*	
		For Elevated Installation >35' To 40' Above Floor, Add	*36.64*	
		For Elevated Installation >40' Above Floor, Add	*40.30*	
23 31 13 16-0055	EA	8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	113.77	36.63
		For Seal Class B, Add	*13.74*	
		For Seal Class A, Add	*36.64*	
		For 28 Gauge, Deduct	*-3.07*	
		For 24 Gauge, Add	*3.06*	
		For 22 Gauge, Add	*6.11*	
		For 20 Gauge, Add	*9.18*	
		For 18 Gauge, Add	*12.19*	
		For 16 Gauge, Add	*14.96*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*16.41*	
		For Work In Restricted Working Space, Add	*27.48*	
		For Elevated Installation >10' To 15' Above Floor, Add	*9.16*	
		For Elevated Installation >15' To 20' Above Floor, Add	*18.32*	
		For Elevated Installation >20' To 25' Above Floor, Add	*22.90*	
		For Elevated Installation >25' To 30' Above Floor, Add	*32.06*	
		For Elevated Installation >30' To 35' Above Floor, Add	*36.64*	
		For Elevated Installation >35' To 40' Above Floor, Add	*45.80*	
		For Elevated Installation >40' Above Floor, Add	*50.38*	
23 31 13 16-0056	EA	10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	150.41	48.85
		For Seal Class B, Add	*18.32*	
		For Seal Class A, Add	*48.85*	
		For 28 Gauge, Deduct	*-3.92*	
		For 24 Gauge, Add	*3.90*	
		For 22 Gauge, Add	*7.79*	
		For 20 Gauge, Add	*11.71*	
		For 18 Gauge, Add	*15.55*	
		For 16 Gauge, Add	*19.09*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*20.93*	
		For Work In Restricted Working Space, Add	*36.64*	
		For Elevated Installation >10' To 15' Above Floor, Add	*12.21*	
		For Elevated Installation >15' To 20' Above Floor, Add	*24.43*	
		For Elevated Installation >20' To 25' Above Floor, Add	*30.53*	
		For Elevated Installation >25' To 30' Above Floor, Add	*42.75*	
		For Elevated Installation >30' To 35' Above Floor, Add	*48.85*	
		For Elevated Installation >35' To 40' Above Floor, Add	*61.07*	
		For Elevated Installation >40' Above Floor, Add	*67.17*	
23 31 13 16-0057	EA	12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	211.43	73.28
		For Seal Class B, Add	*27.47*	
		For Seal Class A, Add	*73.26*	
		For 28 Gauge, Deduct	*-3.92*	
		For 24 Gauge, Add	*3.90*	
		For 22 Gauge, Add	*7.79*	
		For 20 Gauge, Add	*11.71*	
		For 18 Gauge, Add	*15.55*	
		For 16 Gauge, Add	*19.09*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*20.93*	
		For Work In Restricted Working Space, Add	*54.95*	
		For Elevated Installation >10' To 15' Above Floor, Add	*18.32*	
		For Elevated Installation >15' To 20' Above Floor, Add	*36.63*	
		For Elevated Installation >20' To 25' Above Floor, Add	*45.79*	
		For Elevated Installation >25' To 30' Above Floor, Add	*64.10*	
		For Elevated Installation >30' To 35' Above Floor, Add	*73.26*	
		For Elevated Installation >35' To 40' Above Floor, Add	*91.58*	
		For Elevated Installation >40' Above Floor, Add	*100.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0058	EA	14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	287.82	93.36
		For Seal Class B, Add	*35.09*	
		For Seal Class A, Add	*93.58*	
		For 28 Gauge, Deduct	*-7.46*	
		For 24 Gauge, Add	*7.43*	
		For 22 Gauge, Add	*14.84*	
		For 20 Gauge, Add	*22.30*	
		For 18 Gauge, Add	*29.62*	
		For 16 Gauge, Add	*36.36*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*39.86*	
		For Work In Restricted Working Space, Add	*70.19*	
		For Elevated Installation >10' To 15' Above Floor, Add	*23.40*	
		For Elevated Installation >15' To 20' Above Floor, Add	*46.79*	
		For Elevated Installation >20' To 25' Above Floor, Add	*58.49*	
		For Elevated Installation >25' To 30' Above Floor, Add	*81.89*	
		For Elevated Installation >30' To 35' Above Floor, Add	*93.58*	
		For Elevated Installation >35' To 40' Above Floor, Add	*116.98*	
		For Elevated Installation >40' Above Floor, Add	*128.68*	
23 31 13 16-0059	EA	16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	370.60	118.32
		For Seal Class B, Add	*44.25*	
		For Seal Class A, Add	*118.00*	
		For 28 Gauge, Deduct	*-10.47*	
		For 24 Gauge, Add	*10.43*	
		For 22 Gauge, Add	*20.83*	
		For 20 Gauge, Add	*31.30*	
		For 18 Gauge, Add	*41.59*	
		For 16 Gauge, Add	*51.04*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*55.95*	
		For Work In Restricted Working Space, Add	*88.50*	
		For Elevated Installation >10' To 15' Above Floor, Add	*29.50*	
		For Elevated Installation >15' To 20' Above Floor, Add	*59.00*	
		For Elevated Installation >20' To 25' Above Floor, Add	*73.75*	
		For Elevated Installation >25' To 30' Above Floor, Add	*103.25*	
		For Elevated Installation >30' To 35' Above Floor, Add	*118.00*	
		For Elevated Installation >35' To 40' Above Floor, Add	*147.50*	
		For Elevated Installation >40' Above Floor, Add	*162.24*	
23 31 13 16-0060	EA	18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	426.06	131.62
		For Seal Class B, Add	*49.46*	
		For Seal Class A, Add	*131.89*	
		For 28 Gauge, Deduct	*-13.34*	
		For 24 Gauge, Add	*13.29*	
		For 22 Gauge, Add	*26.54*	
		For 20 Gauge, Add	*39.88*	
		For 18 Gauge, Add	*52.98*	
		For 16 Gauge, Add	*65.02*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*71.28*	
		For Work In Restricted Working Space, Add	*98.92*	
		For Elevated Installation >10' To 15' Above Floor, Add	*32.97*	
		For Elevated Installation >15' To 20' Above Floor, Add	*65.95*	
		For Elevated Installation >20' To 25' Above Floor, Add	*82.43*	
		For Elevated Installation >25' To 30' Above Floor, Add	*115.41*	
		For Elevated Installation >30' To 35' Above Floor, Add	*131.89*	
		For Elevated Installation >35' To 40' Above Floor, Add	*164.87*	
		For Elevated Installation >40' Above Floor, Add	*181.35*	
23 31 13 16-0061	EA	20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	447.48	136.37
		For Seal Class B, Add	*51.09*	
		For Seal Class A, Add	*136.24*	
		For 28 Gauge, Deduct	*-14.80*	
		For 24 Gauge, Add	*14.75*	
		For 22 Gauge, Add	*29.45*	
		For 20 Gauge, Add	*44.25*	
		For 18 Gauge, Add	*58.79*	
		For 16 Gauge, Add	*72.15*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*79.10*	
		For Work In Restricted Working Space, Add	*102.18*	
		For Elevated Installation >10' To 15' Above Floor, Add	*34.06*	
		For Elevated Installation >15' To 20' Above Floor, Add	*68.12*	
		For Elevated Installation >20' To 25' Above Floor, Add	*85.15*	
		For Elevated Installation >25' To 30' Above Floor, Add	*119.21*	
		For Elevated Installation >30' To 35' Above Floor, Add	*136.24*	
		For Elevated Installation >35' To 40' Above Floor, Add	*170.30*	
		For Elevated Installation >40' Above Floor, Add	*187.32*	

23 31 13 16-0062 Galvanized Sheet Metal Round And Flat-Oval Connectors *(23 31 13 16-0001)*

23 31 13 16-0063	EA	4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	24.49	
		For Seal Class B, Add	*3.26*	
		For Seal Class A, Add	*8.68*	
		For Work In Restricted Working Space, Add	*6.51*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.17*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.34*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.43*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.60*	
		For Elevated Installation >30' To 35' Above Floor, Add	*8.68*	
		For Elevated Installation >35' To 40' Above Floor, Add	*10.86*	
		For Elevated Installation >40' Above Floor, Add	*11.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0064	EA	5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	25.80	
		For Seal Class B, Add	*3.42*	
		For Seal Class A, Add	*9.13*	
		For Work In Restricted Working Space, Add	*6.85*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.28*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.56*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.71*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.99*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.13*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.41*	
		For Elevated Installation >40' Above Floor, Add	*12.55*	
23 31 13 16-0065	EA	6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	27.64	
		For Seal Class B, Add	*3.66*	
		For Seal Class A, Add	*9.77*	
		For Work In Restricted Working Space, Add	*7.33*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.44*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.89*	
		For Elevated Installation >20' To 25' Above Floor, Add	*6.11*	
		For Elevated Installation >25' To 30' Above Floor, Add	*8.55*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.77*	
		For Elevated Installation >35' To 40' Above Floor, Add	*12.22*	
		For Elevated Installation >40' Above Floor, Add	*13.44*	
23 31 13 16-0066	EA	7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	29.45	
		For Seal Class B, Add	*3.87*	
		For Seal Class A, Add	*10.31*	
		For Work In Restricted Working Space, Add	*7.73*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.58*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.16*	
		For Elevated Installation >20' To 25' Above Floor, Add	*6.45*	
		For Elevated Installation >25' To 30' Above Floor, Add	*9.02*	
		For Elevated Installation >30' To 35' Above Floor, Add	*10.31*	
		For Elevated Installation >35' To 40' Above Floor, Add	*12.89*	
		For Elevated Installation >40' Above Floor, Add	*14.18*	
23 31 13 16-0067	EA	8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	31.96	
		For Seal Class B, Add	*4.17*	
		For Seal Class A, Add	*11.13*	
		For Work In Restricted Working Space, Add	*8.35*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.78*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.56*	
		For Elevated Installation >20' To 25' Above Floor, Add	*6.96*	
		For Elevated Installation >25' To 30' Above Floor, Add	*9.74*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.13*	
		For Elevated Installation >35' To 40' Above Floor, Add	*13.91*	
		For Elevated Installation >40' Above Floor, Add	*15.30*	
23 31 13 16-0068	EA	10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	37.61	
		For Seal Class B, Add	*4.66*	
		For Seal Class A, Add	*12.43*	
		For Work In Restricted Working Space, Add	*9.32*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.11*	
		For Elevated Installation >15' To 20' Above Floor, Add	*6.22*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.77*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.88*	
		For Elevated Installation >30' To 35' Above Floor, Add	*12.43*	
		For Elevated Installation >35' To 40' Above Floor, Add	*15.54*	
		For Elevated Installation >40' Above Floor, Add	*17.09*	
23 31 13 16-0069	EA	12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	51.30	
		For Seal Class B, Add	*6.51*	
		For Seal Class A, Add	*17.37*	
		For Work In Restricted Working Space, Add	*13.03*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.34*	
		For Elevated Installation >15' To 20' Above Floor, Add	*8.69*	
		For Elevated Installation >20' To 25' Above Floor, Add	*10.86*	
		For Elevated Installation >25' To 30' Above Floor, Add	*15.20*	
		For Elevated Installation >30' To 35' Above Floor, Add	*17.37*	
		For Elevated Installation >35' To 40' Above Floor, Add	*21.72*	
		For Elevated Installation >40' Above Floor, Add	*23.89*	
23 31 13 16-0070	EA	14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	58.57	
		For Seal Class B, Add	*7.41*	
		For Seal Class A, Add	*19.76*	
		For Work In Restricted Working Space, Add	*14.82*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.94*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.88*	
		For Elevated Installation >20' To 25' Above Floor, Add	*12.35*	
		For Elevated Installation >25' To 30' Above Floor, Add	*17.29*	
		For Elevated Installation >30' To 35' Above Floor, Add	*19.76*	
		For Elevated Installation >35' To 40' Above Floor, Add	*24.71*	
		For Elevated Installation >40' Above Floor, Add	*27.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0071	EA	16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	64.40	
		For Seal Class B, Add	*8.12*	
		For Seal Class A, Add	*21.66*	
		For Work In Restricted Working Space, Add	*16.25*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.42*	
		For Elevated Installation >15' To 20' Above Floor, Add	*10.83*	
		For Elevated Installation >20' To 25' Above Floor, Add	*13.54*	
		For Elevated Installation >25' To 30' Above Floor, Add	*18.95*	
		For Elevated Installation >30' To 35' Above Floor, Add	*21.66*	
		For Elevated Installation >35' To 40' Above Floor, Add	*27.08*	
		For Elevated Installation >40' Above Floor, Add	*29.78*	
23 31 13 16-0072	EA	18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	70.08	
		For Seal Class B, Add	*8.79*	
		For Seal Class A, Add	*23.45*	
		For Work In Restricted Working Space, Add	*17.59*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.86*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.72*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.66*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.52*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.45*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.31*	
		For Elevated Installation >40' Above Floor, Add	*32.24*	
23 31 13 16-0073	EA	20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	76.34	
		For Seal Class B, Add	*9.59*	
		For Seal Class A, Add	*25.56*	
		For Work In Restricted Working Space, Add	*19.17*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.39*	
		For Elevated Installation >15' To 20' Above Floor, Add	*12.78*	
		For Elevated Installation >20' To 25' Above Floor, Add	*15.98*	
		For Elevated Installation >25' To 30' Above Floor, Add	*22.37*	
		For Elevated Installation >30' To 35' Above Floor, Add	*25.56*	
		For Elevated Installation >35' To 40' Above Floor, Add	*31.96*	
		For Elevated Installation >40' Above Floor, Add	*35.15*	

23 31 13 19 Metal Duct Fittings *(23 31 13)*

23 31 13 19-0001 Sheet Metal Baffles *(23 31 13 19)*

23 31 13 19-0002	LF	Sheet Metal Baffles Under Raised Floor	47.59	38.21
		For Work In Restricted Working Space, Add	*13.97*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.66*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.31*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.64*	
		For Elevated Installation >25' To 30' Above Floor, Add	*16.30*	
		For Elevated Installation >30' To 35' Above Floor, Add	*18.63*	
		For Elevated Installation >35' To 40' Above Floor, Add	*23.29*	
		For Elevated Installation >40' Above Floor, Add	*25.61*	

23 31 13 19-0003 Duct Register Boots *(23 31 13 19)*

23 31 13 19-0004	EA	10" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel	43.72	16.96
		For Stainless Steel, Add	*11.75*	
23 31 13 19-0005	EA	10" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel	43.72	16.96
		For Stainless Steel, Add	*11.75*	
23 31 13 19-0006	EA	12" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel	46.64	18.32
		For Stainless Steel, Add	*12.01*	
23 31 13 19-0007	EA	12" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel	46.64	18.32
		For Stainless Steel, Add	*12.01*	
23 31 13 19-0008	EA	12" x 2-1/4" x 7" Register Boot, 90 Degree, Galvanized Steel	49.05	18.32
		For Stainless Steel, Add	*14.90*	
23 31 13 19-0009	EA	14" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel	50.55	19.68
		For Stainless Steel, Add	*13.44*	
23 31 13 19-0010	EA	14" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel	50.55	19.68
		For Stainless Steel, Add	*13.44*	
23 31 13 19-0011	EA	14" x 2-1/4" x 7" Register Boot, 90 Degree, Galvanized Steel	52.05	19.68
		For Stainless Steel, Add	*15.24*	
23 31 13 19-0012	EA	10" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel	50.88	21.03
		For Stainless Steel, Add	*10.57*	
23 31 13 19-0013	EA	12" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel	53.85	22.39
		For Stainless Steel, Add	*10.88*	
23 31 13 19-0014	EA	12" x 4" x 7" Register Boot, 90 Degree, Galvanized Steel	60.01	22.39
		For Stainless Steel, Add	*18.28*	
23 31 13 19-0015	EA	14" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel	57.10	23.74
		For Stainless Steel, Add	*11.53*	
23 31 13 19-0016	EA	14" x 4" x 7" Register Boot, 90 Degree, Galvanized Steel	63.13	23.74
		For Stainless Steel, Add	*18.77*	
23 31 13 19-0017	EA	12" x 2-1/4" x 5" Register Boot, Center, Galvanized Steel	45.18	18.32
		For Stainless Steel, Add	*10.26*	
23 31 13 19-0018	EA	12" x 2-1/4" x 6" Register Boot, Center, Galvanized Steel	45.18	18.32
		For Stainless Steel, Add	*10.26*	
23 31 13 19-0019	EA	14" x 2-1/4" x 6" Register Boot, Center, Galvanized Steel	48.88	19.68
		For Stainless Steel, Add	*11.44*	
23 31 13 19-0020	EA	14" x 2-1/4" x 7" Register Boot, Center, Galvanized Steel	50.31	19.68
		For Stainless Steel, Add	*13.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 19-0021	EA	10" x 4" x 6" Register Boot, Center, Galvanized Steel	51.08	21.03
		For Stainless Steel, Add	*10.81*	
23 31 13 19-0022	EA	12" x 4" x 6" Register Boot, Center, Galvanized Steel	54.02	22.39
		For Stainless Steel, Add	*11.09*	
23 31 13 19-0023	EA	12" x 2-1/4" x 6" Register Boot, End, Galvanized Steel	46.16	18.32
		For Stainless Steel, Add	*11.44*	
23 31 13 19-0024	EA	14" x 2-1/4" x 6" Register Boot, End, Galvanized Steel	49.46	19.68
		For Stainless Steel, Add	*12.13*	
23 31 13 19-0025	EA	10" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel	43.72	16.96
		For Stainless Steel, Add	*11.75*	
23 31 13 19-0026	EA	12" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel	46.64	18.32
		For Stainless Steel, Add	*12.01*	
23 31 13 19-0027	EA	14" x 2-1/4" x 5" Register Boot, Universal, Galvanized Steel	50.55	19.68
		For Stainless Steel, Add	*13.44*	
23 31 13 19-0028	EA	14" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel	50.55	19.68
		For Stainless Steel, Add	*13.44*	
23 31 13 19-0029	EA	10" x 4" x 6" Register Boot, Universal, Galvanized Steel	50.88	21.03
		For Stainless Steel, Add	*10.57*	
23 31 13 19-0030	EA	12" x 4" x 6" Register Boot, Universal, Galvanized Steel	53.85	22.39
		For Stainless Steel, Add	*10.88*	
23 31 13 19-0031	EA	12" x 4" x 7" Register Boot, Universal, Galvanized Steel	60.01	22.39
		For Stainless Steel, Add	*18.28*	
23 31 13 19-0032	EA	14" x 4" x 7" Register Boot, Universal, Galvanized Steel	62.72	23.74
		For Stainless Steel, Add	*18.28*	

23 31 13 23 Galvanized Steel Welded Duct *(23 31 13)*

Note: All field fabricated duct is assembled from flat duct sheets on site to fit to exact field conditions. Ductwork which is fabricated off site or snap-fitting duct is considered as shop fabricated.

23 31 13 23-0001 Welded Steel Ductwork *(23 31 13 23)*

Note: Ductwork poundage includes all fittings, transitions, collars, straps, support straps, etc.

23 31 13 23-0002 Galvanized Steel Welded Duct, For Kitchen *(23 31 13 23-0001)*

Note: Also includes special exhaust systems and waste.

23 31 13 23-0003	LB	Galvanized Steel Welded Duct	27.37	11.58
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.07*	
		For Work In Restricted Working Space, Add	*6.97*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.32*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.64*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.81*	
		For Elevated Installation >25' To 30' Above Floor, Add	*8.13*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.29*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.61*	
		For Elevated Installation >40' Above Floor, Add	*12.77*	

23 31 13 23-0004 Black Steel Ductwork *(23 31 13 23-0001)*

23 31 13 23-0005	LB	Black Steel Ductwork	24.81	11.95
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*0.69*	
		For Work In Restricted Working Space, Add	*7.16*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.39*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.78*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*8.36*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.55*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.94*	
		For Elevated Installation >40' Above Floor, Add	*13.13*	

23 31 16 Non-metal Ducts *(23 31)*

23 31 16 13 Fibrous-Glass Ducts *(23 31 16)*

23 31 16 13-0001 Glass Fiber Duct Board *(23 31 16 13)*

Note: Rigid, rectangular boards faced on one side with a fire-resistant foil-scrim-kraft (FSK) vapor retarder and a lightweight fiber glass mat on the airstream surface.

23 31 16 13-0002	SF	1" Glass Fiber Duct Board (EI-475)	11.98	2.39
23 31 16 13-0003	SF	1-1/2" Glass Fiber Duct Board (EI-800)	14.15	2.63
23 31 16 13-0004	SF	2" Glass Fiber Duct Board (EI-800)	16.41	2.89

23 31 16 16 Thermoset Fiberglass-Reinforced Plastic Ducts *(23 31 16)*

23 31 16 16-0001 Fiber Reinforced Round Plastic Duct *(23 31 16 16)*

23 31 16 16-0002 Fiber Reinforced Round Plastic Duct *(23 31 16 16-0001)*

23 31 16 16-0003	LF	2" Fiber Reinforced Plastic Duct	20.22	6.08
23 31 16 16-0004	LF	3" Fiber Reinforced Plastic Duct	25.43	7.12
23 31 16 16-0005	LF	4" Fiber Reinforced Plastic Duct	34.32	10.44
23 31 16 16-0006	LF	6" Fiber Reinforced Plastic Duct	45.65	13.20
23 31 16 16-0007	LF	8" Fiber Reinforced Plastic Duct	57.91	16.52
23 31 16 16-0008	LF	10" Fiber Reinforced Plastic Duct	69.85	19.86
23 31 16 16-0009	LF	12" Fiber Reinforced Plastic Duct	78.42	23.19
23 31 16 16-0010	LF	14" Fiber Reinforced Plastic Duct	89.77	25.36
23 31 16 16-0011	LF	16" Fiber Reinforced Plastic Duct	97.12	26.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 16-0012	LF	18" Fiber Reinforced Plastic Duct	121.64	30.30
23 31 16 16-0013	LF	20" Fiber Reinforced Plastic Duct	127.76	32.48
23 31 16 16-0014	LF	24" Fiber Reinforced Plastic Duct	159.03	34.67
23 31 16 16-0015	LF	30" Fiber Reinforced Plastic Duct	182.02	40.17
23 31 16 16-0016	LF	36" Fiber Reinforced Plastic Duct	209.59	48.43
23 31 16 16-0017	LF	42" Fiber Reinforced Plastic Duct	283.16	53.95
23 31 16 16-0018	LF	48" Fiber Reinforced Plastic Duct	317.18	60.60
23 31 16 16-0019	LF	54" Fiber Reinforced Plastic Duct	351.81	69.43
23 31 16 16-0020	LF	60" Fiber Reinforced Plastic Duct	398.68	81.03
23 31 16 16-0021	LF	66" Fiber Reinforced Plastic Duct	424.38	99.16
23 31 16 16-0022	LF	72" Fiber Reinforced Plastic Duct	517.83	121.20

23 31 16 16-0023 Fiber Reinforced Plastic Bell *(23 31 16 16-0001)*

23 31 16 16-0024	EA	2" Fiber Reinforced Plastic Bell	68.36	24.68
23 31 16 16-0025	EA	3" Fiber Reinforced Plastic Bell	82.29	29.27
23 31 16 16-0026	EA	4" Fiber Reinforced Plastic Bell	94.98	34.43
23 31 16 16-0027	EA	6" Fiber Reinforced Plastic Bell	125.06	45.91
23 31 16 16-0028	EA	8" Fiber Reinforced Plastic Bell	152.77	57.39
23 31 16 16-0029	EA	10" Fiber Reinforced Plastic Bell	178.10	68.86
23 31 16 16-0030	EA	12" Fiber Reinforced Plastic Bell	220.87	85.50
23 31 16 16-0031	EA	14" Fiber Reinforced Plastic Bell	235.95	91.81
23 31 16 16-0032	EA	16" Fiber Reinforced Plastic Bell	255.62	98.13
23 31 16 16-0033	EA	18" Fiber Reinforced Plastic Bell	275.30	105.59
23 31 16 16-0034	EA	20" Fiber Reinforced Plastic Bell	300.78	114.77
23 31 16 16-0035	EA	24" Fiber Reinforced Plastic Bell	347.48	126.25
23 31 16 16-0036	EA	30" Fiber Reinforced Plastic Bell	401.30	137.73
23 31 16 16-0037	EA	36" Fiber Reinforced Plastic Bell	454.76	154.94
23 31 16 16-0038	EA	42" Fiber Reinforced Plastic Bell	508.19	172.16
23 31 16 16-0039	EA	48" Fiber Reinforced Plastic Bell	561.60	189.38
23 31 16 16-0040	EA	54" Fiber Reinforced Plastic Bell	696.56	229.54
23 31 16 16-0041	EA	60" Fiber Reinforced Plastic Bell	835.08	286.93
23 31 16 16-0042	EA	66" Fiber Reinforced Plastic Bell	1,002.04	344.31
23 31 16 16-0043	EA	72" Fiber Reinforced Plastic Bell	1,146.26	390.22

23 31 16 16-0044 Fiber Reinforced Plastic Flange *(23 31 16 16-0001)*

23 31 16 16-0045	EA	2" Fiber Reinforced Plastic Flange	106.35	24.68
23 31 16 16-0046	EA	3" Fiber Reinforced Plastic Flange	122.66	29.27
23 31 16 16-0047	EA	4" Fiber Reinforced Plastic Flange	140.10	34.43
23 31 16 16-0048	EA	6" Fiber Reinforced Plastic Flange	182.05	45.91
23 31 16 16-0049	EA	8" Fiber Reinforced Plastic Flange	221.63	57.39
23 31 16 16-0050	EA	10" Fiber Reinforced Plastic Flange	261.22	68.86
23 31 16 16-0051	EA	12" Fiber Reinforced Plastic Flange	308.73	85.50
23 31 16 16-0052	EA	14" Fiber Reinforced Plastic Flange	342.81	91.81
23 31 16 16-0053	EA	16" Fiber Reinforced Plastic Flange	374.36	98.13
23 31 16 16-0054	EA	18" Fiber Reinforced Plastic Flange	398.78	105.59
23 31 16 16-0055	EA	20" Fiber Reinforced Plastic Flange	419.52	114.77
23 31 16 16-0056	EA	24" Fiber Reinforced Plastic Flange	489.96	126.25
23 31 16 16-0057	EA	30" Fiber Reinforced Plastic Flange	539.04	137.73
23 31 16 16-0058	EA	36" Fiber Reinforced Plastic Flange	661.36	154.94
23 31 16 16-0059	EA	42" Fiber Reinforced Plastic Flange	736.16	172.16
23 31 16 16-0060	EA	48" Fiber Reinforced Plastic Flange	834.69	189.38
23 31 16 16-0061	EA	54" Fiber Reinforced Plastic Flange	981.53	229.54
23 31 16 16-0062	EA	60" Fiber Reinforced Plastic Flange	1,174.67	286.93
23 31 16 16-0063	EA	66" Fiber Reinforced Plastic Flange	1,367.75	344.31
23 31 16 16-0064	EA	72" Fiber Reinforced Plastic Flange	1,564.21	390.22

23 31 16 16-0065 Fiber Reinforced Plastic 90 Degree Elbow *(23 31 16 16-0001)*

23 31 16 16-0066	EA	2" Fiber Reinforced Plastic 90 Degree Elbow	177.53	59.45
23 31 16 16-0067	EA	3" Fiber Reinforced Plastic 90 Degree Elbow	208.69	71.04
23 31 16 16-0068	EA	4" Fiber Reinforced Plastic 90 Degree Elbow	242.22	82.63
23 31 16 16-0069	EA	6" Fiber Reinforced Plastic 90 Degree Elbow	314.25	110.18
23 31 16 16-0070	EA	8" Fiber Reinforced Plastic 90 Degree Elbow	386.27	137.73
23 31 16 16-0071	EA	10" Fiber Reinforced Plastic 90 Degree Elbow	458.33	165.27
23 31 16 16-0072	EA	12" Fiber Reinforced Plastic 90 Degree Elbow	563.37	205.56
23 31 16 16-0073	EA	14" Fiber Reinforced Plastic 90 Degree Elbow	635.80	217.61
23 31 16 16-0074	EA	16" Fiber Reinforced Plastic 90 Degree Elbow	721.63	236.32
23 31 16 16-0075	EA	18" Fiber Reinforced Plastic 90 Degree Elbow	854.59	253.41
23 31 16 16-0076	EA	20" Fiber Reinforced Plastic 90 Degree Elbow	981.60	275.45
23 31 16 16-0077	EA	24" Fiber Reinforced Plastic 90 Degree Elbow	1,134.37	303.00
23 31 16 16-0078	EA	30" Fiber Reinforced Plastic 90 Degree Elbow	1,512.71	330.55
23 31 16 16-0079	EA	36" Fiber Reinforced Plastic 90 Degree Elbow	1,925.97	371.86
23 31 16 16-0080	EA	42" Fiber Reinforced Plastic 90 Degree Elbow	2,517.29	413.29
23 31 16 16-0081	EA	48" Fiber Reinforced Plastic 90 Degree Elbow	2,978.05	454.61
23 31 16 16-0082	EA	54" Fiber Reinforced Plastic 90 Degree Elbow	3,530.38	550.91
23 31 16 16-0083	EA	60" Fiber Reinforced Plastic 90 Degree Elbow	4,282.37	688.63
23 31 16 16-0084	EA	66" Fiber Reinforced Plastic 90 Degree Elbow	5,033.92	826.13
23 31 16 16-0085	EA	72" Fiber Reinforced Plastic 90 Degree Elbow	5,739.79	936.20

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 16-0086		**Fiber Reinforced Plastic 45 Degree Elbow** *(23 31 16 16-0001)*		
23 31 16 16-0087	EA	2" Fiber Reinforced Plastic 45 Degree Elbow	151.39	59.45
23 31 16 16-0088	EA	3" Fiber Reinforced Plastic 45 Degree Elbow	177.82	71.04
23 31 16 16-0089	EA	4" Fiber Reinforced Plastic 45 Degree Elbow	206.57	82.63
23 31 16 16-0090	EA	6" Fiber Reinforced Plastic 45 Degree Elbow	262.01	110.18
23 31 16 16-0091	EA	8" Fiber Reinforced Plastic 45 Degree Elbow	317.41	137.73
23 31 16 16-0092	EA	10" Fiber Reinforced Plastic 45 Degree Elbow	377.66	165.27
23 31 16 16-0093	EA	12" Fiber Reinforced Plastic 45 Degree Elbow	466.09	205.56
23 31 16 16-0094	EA	14" Fiber Reinforced Plastic 45 Degree Elbow	505.09	217.61
23 31 16 16-0095	EA	16" Fiber Reinforced Plastic 45 Degree Elbow	597.93	236.20
23 31 16 16-0096	EA	18" Fiber Reinforced Plastic 45 Degree Elbow	683.92	253.64
23 31 16 16-0097	EA	20" Fiber Reinforced Plastic 45 Degree Elbow	786.80	275.45
23 31 16 16-0098	EA	24" Fiber Reinforced Plastic 45 Degree Elbow	903.50	302.77
23 31 16 16-0099	EA	30" Fiber Reinforced Plastic 45 Degree Elbow	1,132.32	330.32
23 31 16 16-0100	EA	36" Fiber Reinforced Plastic 45 Degree Elbow	1,377.93	372.20
23 31 16 16-0101	EA	42" Fiber Reinforced Plastic 45 Degree Elbow	1,741.25	413.52
23 31 16 16-0102	EA	48" Fiber Reinforced Plastic 45 Degree Elbow	2,040.03	454.61
23 31 16 16-0103	EA	54" Fiber Reinforced Plastic 45 Degree Elbow	2,433.25	550.91
23 31 16 16-0104	EA	60" Fiber Reinforced Plastic 45 Degree Elbow	2,924.02	688.63
23 31 16 16-0105	EA	66" Fiber Reinforced Plastic 45 Degree Elbow	3,440.20	824.52
23 31 16 16-0106	EA	72" Fiber Reinforced Plastic 45 Degree Elbow	3,889.20	937.11
23 31 16 16-0107		**Fiber Reinforced Plastic Tee** *(23 31 16 16-0001)*		
23 31 16 16-0108	EA	2" Fiber Reinforced Plastic Tee	230.95	88.72
23 31 16 16-0109	EA	3" Fiber Reinforced Plastic Tee	273.11	106.86
23 31 16 16-0110	EA	4" Fiber Reinforced Plastic Tee	313.44	123.95
23 31 16 16-0111	EA	6" Fiber Reinforced Plastic Tee	406.08	165.27
23 31 16 16-0112	EA	8" Fiber Reinforced Plastic Tee	496.88	205.56
23 31 16 16-0113	EA	10" Fiber Reinforced Plastic Tee	593.11	249.05
23 31 16 16-0114	EA	12" Fiber Reinforced Plastic Tee	716.85	301.85
23 31 16 16-0115	EA	14" Fiber Reinforced Plastic Tee	781.93	326.64
23 31 16 16-0116	EA	16" Fiber Reinforced Plastic Tee	900.08	354.87
23 31 16 16-0117	EA	18" Fiber Reinforced Plastic Tee	1,013.50	380.12
23 31 16 16-0118	EA	20" Fiber Reinforced Plastic Tee	1,163.69	413.29
23 31 16 16-0119	EA	24" Fiber Reinforced Plastic Tee	1,327.61	454.61
23 31 16 16-0120	EA	30" Fiber Reinforced Plastic Tee	1,574.21	495.70
23 31 16 16-0121	EA	36" Fiber Reinforced Plastic Tee	1,879.98	558.02
23 31 16 16-0122	EA	42" Fiber Reinforced Plastic Tee	2,458.08	620.00
23 31 16 16-0123	EA	48" Fiber Reinforced Plastic Tee	2,917.87	682.09
23 31 16 16-0124	EA	54" Fiber Reinforced Plastic Tee	3,515.41	826.93
23 31 16 16-0125	EA	60" Fiber Reinforced Plastic Tee	4,215.75	1,033.41
23 31 16 16-0126	EA	66" Fiber Reinforced Plastic Tee	4,915.42	1,239.42
23 31 16 16-0127	EA	72" Fiber Reinforced Plastic Tee	5,548.19	1,405.39
23 31 16 16-0128		**Fiber Reinforced Plastic Lateral Joint** *(23 31 16 16-0001)*		
23 31 16 16-0129	EA	2" Fiber Reinforced Plastic Lateral Joint	195.31	88.72
23 31 16 16-0130	EA	3" Fiber Reinforced Plastic Lateral Joint	230.32	106.86
23 31 16 16-0131	EA	4" Fiber Reinforced Plastic Lateral Joint	263.61	123.95
23 31 16 16-0132	EA	6" Fiber Reinforced Plastic Lateral Joint	337.29	165.27
23 31 16 16-0133	EA	8" Fiber Reinforced Plastic Lateral Joint	409.09	205.56
23 31 16 16-0134	EA	10" Fiber Reinforced Plastic Lateral Joint	491.05	249.05
23 31 16 16-0135	EA	12" Fiber Reinforced Plastic Lateral Joint	588.87	302.08
23 31 16 16-0136	EA	14" Fiber Reinforced Plastic Lateral Joint	638.93	326.41
23 31 16 16-0137	EA	16" Fiber Reinforced Plastic Lateral Joint	700.84	354.99
23 31 16 16-0138	EA	18" Fiber Reinforced Plastic Lateral Joint	757.59	380.47
23 31 16 16-0139	EA	20" Fiber Reinforced Plastic Lateral Joint	826.97	413.52
23 31 16 16-0140	EA	24" Fiber Reinforced Plastic Lateral Joint	914.40	454.61
23 31 16 16-0141	EA	30" Fiber Reinforced Plastic Lateral Joint	1,008.56	495.47
23 31 16 16-0142	EA	36" Fiber Reinforced Plastic Lateral Joint	1,138.46	557.67
23 31 16 16-0143	EA	42" Fiber Reinforced Plastic Lateral Joint	1,271.45	620.34
23 31 16 16-0144	EA	48" Fiber Reinforced Plastic Lateral Joint	1,397.58	681.86
23 31 16 16-0145	EA	54" Fiber Reinforced Plastic Lateral Joint	1,671.02	824.52
23 31 16 16-0146	EA	60" Fiber Reinforced Plastic Lateral Joint	2,045.96	1,035.24
23 31 16 16-0147	EA	66" Fiber Reinforced Plastic Lateral Joint	2,470.93	1,240.34
23 31 16 16-0148	EA	72" Fiber Reinforced Plastic Lateral Joint	2,769.74	1,405.39
23 31 16 16-0149		**Fiber Reinforced Plastic One Piece Reducer** *(23 31 16 16-0001)*		
23 31 16 16-0150	EA	2" Fiber Reinforced Plastic One Piece Reducer	160.93	59.57
23 31 16 16-0151	EA	3" Fiber Reinforced Plastic One Piece Reducer	189.75	71.15
23 31 16 16-0152	EA	4" Fiber Reinforced Plastic One Piece Reducer	223.27	82.63
23 31 16 16-0153	EA	6" Fiber Reinforced Plastic One Piece Reducer	288.13	110.18
23 31 16 16-0154	EA	8" Fiber Reinforced Plastic One Piece Reducer	348.28	137.73
23 31 16 16-0155	EA	10" Fiber Reinforced Plastic One Piece Reducer	419.04	165.96
23 31 16 16-0156	EA	12" Fiber Reinforced Plastic One Piece Reducer	499.33	205.56
23 31 16 16-0157	EA	14" Fiber Reinforced Plastic One Piece Reducer	533.59	217.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 16-0158	EA	16" Fiber Reinforced Plastic One Piece Reducer	588.43	236.20
23 31 16 16-0159	EA	18" Fiber Reinforced Plastic One Piece Reducer	645.93	253.64
23 31 16 16-0160	EA	20" Fiber Reinforced Plastic One Piece Reducer	720.31	275.45
23 31 16 16-0161	EA	24" Fiber Reinforced Plastic One Piece Reducer	819.08	303.34
23 31 16 16-0162	EA	30" Fiber Reinforced Plastic One Piece Reducer	917.50	331.12
23 31 16 16-0163	EA	36" Fiber Reinforced Plastic One Piece Reducer	1,038.34	372.20
23 31 16 16-0164	EA	42" Fiber Reinforced Plastic One Piece Reducer	1,159.44	413.52
23 31 16 16-0165	EA	48" Fiber Reinforced Plastic One Piece Reducer	1,303.86	454.61
23 31 16 16-0166	EA	54" Fiber Reinforced Plastic One Piece Reducer	1,547.48	550.91
23 31 16 16-0167	EA	60" Fiber Reinforced Plastic One Piece Reducer	1,853.01	688.63
23 31 16 16-0168	EA	66" Fiber Reinforced Plastic One Piece Reducer	2,086.60	824.52
23 31 16 16-0169	EA	72" Fiber Reinforced Plastic One Piece Reducer	2,345.61	937.11

23 31 16 16-0170 Fiber Reinforced Plastic Two Piece Reducer *(23 31 16 16-0001)*

23 31 16 16-0171	EA	2" Fiber Reinforced Plastic Two Piece Reducer	189.43	59.57
23 31 16 16-0172	EA	3" Fiber Reinforced Plastic Two Piece Reducer	208.75	71.15
23 31 16 16-0173	EA	4" Fiber Reinforced Plastic Two Piece Reducer	242.27	82.63
23 31 16 16-0174	EA	6" Fiber Reinforced Plastic Two Piece Reducer	314.25	110.18
23 31 16 16-0175	EA	8" Fiber Reinforced Plastic Two Piece Reducer	386.27	137.73
23 31 16 16-0176	EA	10" Fiber Reinforced Plastic Two Piece Reducer	459.42	165.96
23 31 16 16-0177	EA	12" Fiber Reinforced Plastic Two Piece Reducer	551.58	205.56
23 31 16 16-0178	EA	14" Fiber Reinforced Plastic Two Piece Reducer	600.08	217.61
23 31 16 16-0179	EA	16" Fiber Reinforced Plastic Two Piece Reducer	654.92	236.20
23 31 16 16-0180	EA	18" Fiber Reinforced Plastic Two Piece Reducer	736.17	253.64
23 31 16 16-0181	EA	20" Fiber Reinforced Plastic Two Piece Reducer	919.79	275.45
23 31 16 16-0182	EA	24" Fiber Reinforced Plastic Two Piece Reducer	1,111.17	303.34
23 31 16 16-0183	EA	30" Fiber Reinforced Plastic Two Piece Reducer	1,192.97	331.12
23 31 16 16-0184	EA	36" Fiber Reinforced Plastic Two Piece Reducer	1,356.56	372.20
23 31 16 16-0185	EA	42" Fiber Reinforced Plastic Two Piece Reducer	1,472.90	413.52
23 31 16 16-0186	EA	48" Fiber Reinforced Plastic Two Piece Reducer	1,612.58	454.61
23 31 16 16-0187	EA	54" Fiber Reinforced Plastic Two Piece Reducer	1,796.82	550.91
23 31 16 16-0188	EA	60" Fiber Reinforced Plastic Two Piece Reducer	2,088.11	688.63
23 31 16 16-0189	EA	66" Fiber Reinforced Plastic Two Piece Reducer	2,347.82	824.52
23 31 16 16-0190	EA	72" Fiber Reinforced Plastic Two Piece Reducer	2,583.09	937.11

23 31 16 16-0191 Fiber Reinforced Plastic Butterfly Dampers *(23 31 16 16-0001)*

23 31 16 16-0192	EA	2" Fiber Reinforced Plastic Damper	487.55	59.45
23 31 16 16-0193	EA	3" Fiber Reinforced Plastic Damper	547.74	71.04
23 31 16 16-0194	EA	4" Fiber Reinforced Plastic Damper	607.91	82.63
23 31 16 16-0195	EA	6" Fiber Reinforced Plastic Damper	715.15	110.18
23 31 16 16-0196	EA	8" Fiber Reinforced Plastic Damper	842.82	137.73
23 31 16 16-0197	EA	10" Fiber Reinforced Plastic Damper	950.08	165.27
23 31 16 16-0198	EA	12" Fiber Reinforced Plastic Damper	1,078.45	205.56
23 31 16 16-0199	EA	14" Fiber Reinforced Plastic Damper	1,200.85	217.61
23 31 16 16-0200	EA	16" Fiber Reinforced Plastic Damper	1,334.28	236.32
23 31 16 16-0201	EA	18" Fiber Reinforced Plastic Damper	1,464.96	253.41
23 31 16 16-0202	EA	20" Fiber Reinforced Plastic Damper	1,563.06	275.45
23 31 16 16-0203	EA	24" Fiber Reinforced Plastic Damper	1,772.50	303.00
23 31 16 16-0204	EA	30" Fiber Reinforced Plastic Damper	2,063.69	330.55
23 31 16 16-0205	EA	36" Fiber Reinforced Plastic Damper	2,377.92	371.86
23 31 16 16-0206	EA	42" Fiber Reinforced Plastic Damper	2,733.00	413.29
23 31 16 16-0207	EA	48" Fiber Reinforced Plastic Damper	3,047.24	454.61
23 31 16 16-0208	EA	54" Fiber Reinforced Plastic Damper	3,575.71	550.91
23 31 16 16-0209	EA	60" Fiber Reinforced Plastic Damper	4,173.21	688.63
23 31 16 16-0210	EA	66" Fiber Reinforced Plastic Damper	4,729.41	826.13
23 31 16 16-0211	EA	72" Fiber Reinforced Plastic Damper	5,444.34	936.20

23 31 16 23 Fabric Ducts *(23 31 16)*

23 31 16 23-0001 Heavy-Duty Fabric Ducts (Zip-A-Duct™) *(23 31 16 23)*

23 31 16 23-0002 Heavy-Duty Fabric Duct Without Vents *(23 31 16 23-0001)*

Note: Includes fabric loops for cable hooks. Requires Suspension Hardware as well as an Inlet Section and Endcap per complete run. See CSI section 23 31 16 23-0064 for suspension hardware.

23 31 16 23-0003	EA	12" Diameter x 5' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	255.57	9.41
23 31 16 23-0004	EA	12" Diameter x 10' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	401.38	12.56
23 31 16 23-0005	EA	16" Diameter x 5' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	304.89	15.70
23 31 16 23-0006	EA	16" Diameter x 10' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	456.13	20.63
23 31 16 23-0007	EA	20" Diameter x 5' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	367.98	21.53
23 31 16 23-0008	EA	20" Diameter x 10' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	529.06	28.71
23 31 16 23-0009	EA	24" Diameter x 5' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	426.38	27.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 23-0010	EA	24" Diameter x 10' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	601.99	36.78
23 31 16 23-0011	EA	28" Diameter x 5' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	474.96	31.85
23 31 16 23-0012	EA	28" Diameter x 10' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	716.59	42.61
23 31 16 23-0013	EA	32" Diameter x 5' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	522.19	35.44
23 31 16 23-0014	EA	32" Diameter x 10' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	799.84	47.09
23 31 16 23-0015	EA	36" Diameter x 5' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	567.43	40.37
23 31 16 23-0016	EA	36" Diameter x 10' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	923.21	53.82
23 31 16 23-0017		**Heavy-Duty Fabric Duct With Vents** *(23 31 16 23-0001)*		
23 31 16 23-0018	EA	12" Diameter x 10' Long Gray Heavy-Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	704.27	12.56
23 31 16 23-0019	EA	16" Diameter x 10' Long Gray Heavy-Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	777.19	20.63
23 31 16 23-0020	EA	20" Diameter x 10' Long Gray Heavy-Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	865.27	28.71
23 31 16 23-0021	EA	24" Diameter x 10' Long Gray Heavy-Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	956.37	36.78
23 31 16 23-0022	EA	28" Diameter x 10' Long Gray Heavy-Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	1,152.75	42.61
23 31 16 23-0023	EA	32" Diameter x 10' Long Gray Heavy-Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	1,236.00	47.09
23 31 16 23-0024	EA	36" Diameter x 10' Long Gray Heavy-Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	1,395.72	53.82
23 31 16 23-0025		**Heavy-Duty Fabric Duct 90 Degree Elbow** *(23 31 16 23-0001)*		
23 31 16 23-0026	EA	12" Diameter Gray Heavy-Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	522.22	13.46
23 31 16 23-0027	EA	16" Diameter Gray Heavy-Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	580.00	21.53
23 31 16 23-0028	EA	20" Diameter Gray Heavy-Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	788.38	23.33
23 31 16 23-0029	EA	24" Diameter Gray Heavy-Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	961.25	31.40
23 31 16 23-0030	EA	28" Diameter Gray Heavy-Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	1,217.47	34.98
23 31 16 23-0031	EA	32" Diameter Gray Heavy-Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	1,520.79	38.12
23 31 16 23-0032	EA	36" Diameter Gray Heavy-Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	1,728.39	42.61
23 31 16 23-0033		**Heavy-Duty Fabric Duct 45 Degree Elbow** *(23 31 16 23-0001)*		
23 31 16 23-0034	EA	12" Diameter Gray Heavy-Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	398.04	13.46
23 31 16 23-0035	EA	16" Diameter Gray Heavy-Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	464.90	21.53
23 31 16 23-0036	EA	20" Diameter Gray Heavy-Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	521.83	23.33
23 31 16 23-0037	EA	24" Diameter Gray Heavy-Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	606.87	31.40
23 31 16 23-0038	EA	28" Diameter Gray Heavy-Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	702.56	34.98
23 31 16 23-0039	EA	32" Diameter Gray Heavy-Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	845.34	38.12
23 31 16 23-0040	EA	36" Diameter Gray Heavy-Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	964.95	42.61
23 31 16 23-0041		**Heavy-Duty Fabric Duct Tee** *(23 31 16 23-0001)*		
23 31 16 23-0042	EA	16" x 12" x 12" Gray Heavy-Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	1,276.26	31.40
23 31 16 23-0043	EA	20" x 16" x 16" Gray Heavy-Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	1,343.64	33.65
23 31 16 23-0044	EA	24" x 16" x 16" Gray Heavy-Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	1,451.67	45.30
23 31 16 23-0045	EA	28" x 20" x 20" Gray Heavy-Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	1,525.54	50.69
23 31 16 23-0046	EA	32" x 24" x 24" Gray Heavy-Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	1,581.52	55.17
23 31 16 23-0047	EA	36" x 28" x 28" Gray Heavy-Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	1,656.44	61.90
23 31 16 23-0048		**Heavy-Duty Fabric Duct Inlets** *(23 31 16 23-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 23-0049	EA	12" Diameter Gray Heavy-Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	201.16	13.46
23 31 16 23-0050	EA	16" Diameter Gray Heavy-Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	234.71	21.53
23 31 16 23-0051	EA	20" Diameter Gray Heavy-Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	252.26	23.33
23 31 16 23-0052	EA	24" Diameter Gray Heavy-Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	288.84	31.40
23 31 16 23-0053	EA	28" Diameter Gray Heavy-Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	308.80	34.98
23 31 16 23-0054	EA	32" Diameter Gray Heavy-Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	330.43	38.12
23 31 16 23-0055	EA	36" Diameter Gray Heavy-Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	362.20	42.61
23 31 16 23-0056		Heavy-Duty Fabric Duct Cap *(23 31 16 23-0001)*		
23 31 16 23-0057	EA	12" Diameter Gray Heavy-Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	118.20	8.08
23 31 16 23-0058	EA	16" Diameter Gray Heavy-Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	148.31	13.01
23 31 16 23-0059	EA	20" Diameter Gray Heavy-Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	175.26	13.90
23 31 16 23-0060	EA	24" Diameter Gray Heavy-Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	244.73	18.84
23 31 16 23-0061	EA	28" Diameter Gray Heavy-Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	293.92	21.08
23 31 16 23-0062	EA	32" Diameter Gray Heavy-Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	369.03	22.87
23 31 16 23-0063	EA	36" Diameter Gray Heavy-Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	416.57	25.57
23 31 16 23-0064		Heavy-Duty Fabric Duct Suspension Hardware *(23 31 16 23-0001)*		
23 31 16 23-0065	EA	12 To 20 Inch Diameter Ducts Fixing Strap With Galvanized Hardware Note: Vertical support straps are recommended every six (6) to ten (10) feet along the length of the duct.	42.24	6.80
23 31 16 23-0066	EA	20 To 36 Inch Diameter Ducts Fixing Strap With Galvanized Hardware Note: Vertical support straps are recommended every six (6) to ten (10) feet along the length of the duct.	66.22	10.19
23 31 16 23-0067	EA	Galvanized Cable Locks For Horizontal Cables Note: Requires two (2) cable locks per support point or per stretcher.	14.89	3.40
23 31 16 23-0068	LF	Galvanized Plastic Coated Cable For Fabric Duct Note: Excludes anchor bolts or anchors.	1.03	0.14
23 31 16 23-0069	EA	Galvanized Stretcher For Straight Fabric Duct Runs	35.55	6.80
23 31 16 23-0070	EA	12 To 20 Inch Diameter Ducts Fixing Strap With Stainless Steel Hardware Note: Vertical support straps are recommended every six (6) to ten (10) feet along the length of the duct.	82.47	6.80
23 31 16 23-0071	EA	20 To 36 Inch Diameter Ducts Fixing Strap With Stainless Steel Hardware Note: Vertical support straps are recommended every six (6) to ten (10) feet along the length of the duct.	111.96	10.19
23 31 16 23-0072	EA	Stainless Steel Cable Locks For Horizontal Cables Note: Requires two (2) cable locks per support point or per stretcher.	20.56	3.40
23 31 16 23-0073	LF	Stainless Steel Plastic Coated Cable For Fabric Duct Note: Excludes anchor bolts or anchors.	3.33	0.14
23 31 16 23-0074	EA	Stainless Steel Stretcher For Straight Fabric Duct Runs	50.21	6.80

23 33 Air Duct Accessories *(23 30)*

23 33 13 Dampers *(23 33)*

23 33 13 13 Volume-Control Dampers *(23 33 13)*

23 33 13 13-0001		Radial Opposed Blade Damper Steel Construction (Ruskin CDR) *(23 33 13 13)*		
23 33 13 13-0002	EA	6" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	151.27	10.86
		For Stainless Steel, Add	*130.99*	
		For Parallel Blade Damper, Add	*43.66*	
23 33 13 13-0003	EA	7" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	159.58	12.21
		For Stainless Steel, Add	*132.88*	
		For Parallel Blade Damper, Add	*44.29*	
23 33 13 13-0004	EA	8" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	168.71	13.57
		For Stainless Steel, Add	*134.28*	
		For Parallel Blade Damper, Add	*44.76*	
23 33 13 13-0005	EA	10" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	181.53	16.28
		For Stainless Steel, Add	*142.68*	
		For Parallel Blade Damper, Add	*47.56*	
23 33 13 13-0006	EA	12" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	195.68	17.64
		For Stainless Steel, Add	*151.07*	
		For Parallel Blade Damper, Add	*50.36*	
23 33 13 13-0007	EA	14" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	237.19	19.00
		For Stainless Steel, Add	*193.03*	
		For Parallel Blade Damper, Add	*64.34*	
23 33 13 13-0008	EA	15" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	259.08	20.35
		For Stainless Steel, Add	*209.83*	
		For Parallel Blade Damper, Add	*69.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0009	EA	16" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	272.28	23.07
		For Stainless Steel, Add	*218.18*	
		For Parallel Blade Damper, Add	*72.73*	
23 33 13 13-0010	EA	18" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	300.52	24.43
		For Stainless Steel, Add	*243.38*	
		For Parallel Blade Damper, Add	*81.13*	
23 33 13 13-0011	EA	20" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	357.99	27.14
		For Stainless Steel, Add	*302.15*	
		For Parallel Blade Damper, Add	*100.72*	
23 33 13 13-0012	EA	24" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	397.73	27.14
		For Stainless Steel, Add	*344.05*	
		For Parallel Blade Damper, Add	*114.68*	

23 33 13 13-0013 Rectangular Opposed Blade Damper (Ruskin CD) *(23 33 13 13)*

23 33 13 13-0014	EA	6" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	153.63	15.09
		For Stainless Steel, Add	*130.04*	
		For Parallel Blade Damper, Add	*43.35*	
23 33 13 13-0015	EA	8" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	163.37	15.77
		For Stainless Steel, Add	*139.27*	
		For Parallel Blade Damper, Add	*46.42*	
23 33 13 13-0016	EA	8" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	171.39	15.90
		For Stainless Steel, Add	*148.57*	
		For Parallel Blade Damper, Add	*49.52*	
23 33 13 13-0017	EA	10" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	171.39	15.90
		For Stainless Steel, Add	*148.57*	
		For Parallel Blade Damper, Add	*49.52*	
23 33 13 13-0018	EA	10" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	180.50	16.32
		For Stainless Steel, Add	*157.87*	
		For Parallel Blade Damper, Add	*52.62*	
23 33 13 13-0019	EA	10" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	201.37	18.08
		For Stainless Steel, Add	*176.40*	
		For Parallel Blade Damper, Add	*58.80*	
23 33 13 13-0020	EA	12" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	180.50	16.32
		For Stainless Steel, Add	*157.87*	
		For Parallel Blade Damper, Add	*52.62*	
23 33 13 13-0021	EA	12" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	198.65	17.26
		For Stainless Steel, Add	*176.40*	
		For Parallel Blade Damper, Add	*58.80*	
23 33 13 13-0022	EA	12" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	209.17	18.08
		For Stainless Steel, Add	*185.76*	
		For Parallel Blade Damper, Add	*61.92*	
23 33 13 13-0023	EA	12" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	231.11	20.39
		For Stainless Steel, Add	*203.93*	
		For Parallel Blade Damper, Add	*67.98*	
23 33 13 13-0024	EA	14" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	194.83	17.26
		For Stainless Steel, Add	*171.82*	
		For Parallel Blade Damper, Add	*57.27*	
23 33 13 13-0025	EA	14" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	209.17	18.08
		For Stainless Steel, Add	*185.76*	
		For Parallel Blade Damper, Add	*61.92*	
23 33 13 13-0026	EA	14" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	219.64	19.03
		For Stainless Steel, Add	*195.06*	
		For Parallel Blade Damper, Add	*65.02*	
23 33 13 13-0027	EA	14" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	231.47	20.39
		For Stainless Steel, Add	*204.36*	
		For Parallel Blade Damper, Add	*68.12*	
23 33 13 13-0028	EA	14" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	257.59	22.70
		For Stainless Steel, Add	*227.54*	
		For Parallel Blade Damper, Add	*75.85*	
23 33 13 13-0029	EA	16" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	209.17	18.08
		For Stainless Steel, Add	*185.76*	
		For Parallel Blade Damper, Add	*61.92*	
23 33 13 13-0030	EA	16" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	221.00	19.43
		For Stainless Steel, Add	*195.06*	
		For Parallel Blade Damper, Add	*65.02*	
23 33 13 13-0031	EA	16" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	234.18	21.34
		For Stainless Steel, Add	*204.36*	
		For Parallel Blade Damper, Add	*68.12*	
23 33 13 13-0032	EA	16" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	245.97	22.70
		For Stainless Steel, Add	*213.60*	
		For Parallel Blade Damper, Add	*71.20*	
23 33 13 13-0033	EA	16" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	272.18	24.87
		For Stainless Steel, Add	*236.90*	
		For Parallel Blade Damper, Add	*78.97*	
23 33 13 13-0034	EA	16" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	298.30	27.19
		For Stainless Steel, Add	*260.09*	
		For Parallel Blade Damper, Add	*86.70*	
23 33 13 13-0035	EA	18" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	219.64	19.03
		For Stainless Steel, Add	*195.06*	
		For Parallel Blade Damper, Add	*65.02*	
23 33 13 13-0036	EA	18" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	235.29	20.39
		For Stainless Steel, Add	*208.94*	
		For Parallel Blade Damper, Add	*69.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0037	EA	18" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	253.77	22.70
		For Stainless Steel, Add	*222.96*	
		For Parallel Blade Damper, Add	*74.32*	
23 33 13 13-0038	EA	18" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	279.93	24.87
		For Stainless Steel, Add	*246.20*	
		For Parallel Blade Damper, Add	*82.07*	
23 33 13 13-0039	EA	18" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	302.17	27.19
		For Stainless Steel, Add	*264.73*	
		For Parallel Blade Damper, Add	*88.24*	
23 33 13 13-0040	EA	18" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	317.37	29.36
		For Stainless Steel, Add	*274.82*	
		For Parallel Blade Damper, Add	*91.61*	
23 33 13 13-0041	EA	18" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	335.26	31.67
		For Stainless Steel, Add	*288.14*	
		For Parallel Blade Damper, Add	*96.05*	
23 33 13 13-0042	EA	20" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	215.99	20.39
		For Stainless Steel, Add	*185.78*	
		For Parallel Blade Damper, Add	*61.93*	
23 33 13 13-0043	EA	20" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	236.83	22.70
		For Stainless Steel, Add	*202.63*	
		For Parallel Blade Damper, Add	*67.54*	
23 33 13 13-0044	EA	20" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	257.71	24.87
		For Stainless Steel, Add	*219.54*	
		For Parallel Blade Damper, Add	*73.18*	
23 33 13 13-0045	EA	20" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	292.68	27.19
		For Stainless Steel, Add	*253.34*	
		For Parallel Blade Damper, Add	*84.45*	
23 33 13 13-0046	EA	20" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	310.04	29.36
		For Stainless Steel, Add	*266.03*	
		For Parallel Blade Damper, Add	*88.68*	
23 33 13 13-0047	EA	20" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	327.39	31.67
		For Stainless Steel, Add	*278.70*	
		For Parallel Blade Damper, Add	*92.90*	
23 33 13 13-0048	EA	20" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	348.23	33.98
		For Stainless Steel, Add	*295.55*	
		For Parallel Blade Damper, Add	*98.52*	
23 33 13 13-0049	EA	20" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	369.07	36.16
		For Stainless Steel, Add	*312.40*	
		For Parallel Blade Damper, Add	*104.13*	
23 33 13 13-0050	EA	24" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	243.87	22.70
		For Stainless Steel, Add	*211.08*	
		For Parallel Blade Damper, Add	*70.36*	
23 33 13 13-0051	EA	24" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	271.79	24.87
		For Stainless Steel, Add	*236.44*	
		For Parallel Blade Damper, Add	*78.81*	
23 33 13 13-0052	EA	24" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	292.68	27.19
		For Stainless Steel, Add	*253.34*	
		For Parallel Blade Damper, Add	*84.45*	
23 33 13 13-0053	EA	24" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	320.60	29.36
		For Stainless Steel, Add	*278.70*	
		For Parallel Blade Damper, Add	*92.90*	
23 33 13 13-0054	EA	24" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	337.91	31.67
		For Stainless Steel, Add	*291.32*	
		For Parallel Blade Damper, Add	*97.11*	
23 33 13 13-0055	EA	24" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	355.28	33.98
		For Stainless Steel, Add	*304.01*	
		For Parallel Blade Damper, Add	*101.34*	
23 33 13 13-0056	EA	24" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	383.16	36.16
		For Stainless Steel, Add	*329.30*	
		For Parallel Blade Damper, Add	*109.77*	
23 33 13 13-0057	EA	24" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	417.83	40.78
		For Stainless Steel, Add	*354.60*	
		For Parallel Blade Damper, Add	*118.20*	
23 33 13 13-0058	EA	24" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	459.65	45.26
		For Stainless Steel, Add	*388.48*	
		For Parallel Blade Damper, Add	*129.49*	
23 33 13 13-0059	EA	28" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	271.79	24.87
		For Stainless Steel, Add	*236.44*	
		For Parallel Blade Damper, Add	*78.81*	
23 33 13 13-0060	EA	28" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	292.68	27.19
		For Stainless Steel, Add	*253.34*	
		For Parallel Blade Damper, Add	*84.45*	
23 33 13 13-0061	EA	28" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	320.60	29.36
		For Stainless Steel, Add	*278.70*	
		For Parallel Blade Damper, Add	*92.90*	
23 33 13 13-0062	EA	28" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	341.43	31.67
		For Stainless Steel, Add	*295.55*	
		For Parallel Blade Damper, Add	*98.52*	
23 33 13 13-0063	EA	28" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	365.79	33.98
		For Stainless Steel, Add	*316.62*	
		For Parallel Blade Damper, Add	*105.54*	
23 33 13 13-0064	EA	28" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	390.15	36.16
		For Stainless Steel, Add	*337.69*	
		For Parallel Blade Damper, Add	*112.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0065	EA	28" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	424.88	40.78
		For Stainless Steel, Add	*363.06*	
		For Parallel Blade Damper, Add	*121.02*	
23 33 13 13-0066	EA	28" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	459.65	45.26
		For Stainless Steel, Add	*388.48*	
		For Parallel Blade Damper, Add	*129.49*	
23 33 13 13-0067	EA	28" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	508.61	47.58
		For Stainless Steel, Add	*439.07*	
		For Parallel Blade Damper, Add	*146.36*	
23 33 13 13-0068	EA	28" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	557.37	52.06
		For Stainless Steel, Add	*481.27*	
		For Parallel Blade Damper, Add	*160.42*	
23 33 13 13-0069	EA	32" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	313.81	27.19
		For Stainless Steel, Add	*278.70*	
		For Parallel Blade Damper, Add	*92.90*	
23 33 13 13-0070	EA	32" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	327.60	29.36
		For Stainless Steel, Add	*287.10*	
		For Parallel Blade Damper, Add	*95.70*	
23 33 13 13-0071	EA	32" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	341.43	31.67
		For Stainless Steel, Add	*295.55*	
		For Parallel Blade Damper, Add	*98.52*	
23 33 13 13-0072	EA	32" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	362.27	33.98
		For Stainless Steel, Add	*312.40*	
		For Parallel Blade Damper, Add	*104.13*	
23 33 13 13-0073	EA	32" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	391.52	36.16
		For Stainless Steel, Add	*339.34*	
		For Parallel Blade Damper, Add	*113.11*	
23 33 13 13-0074	EA	32" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	424.88	40.78
		For Stainless Steel, Add	*363.06*	
		For Parallel Blade Damper, Add	*121.02*	
23 33 13 13-0075	EA	32" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	466.69	45.26
		For Stainless Steel, Add	*396.92*	
		For Parallel Blade Damper, Add	*132.31*	
23 33 13 13-0076	EA	32" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	508.42	49.75
		For Stainless Steel, Add	*430.68*	
		For Parallel Blade Damper, Add	*143.56*	
23 33 13 13-0077	EA	32" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	557.37	52.06
		For Stainless Steel, Add	*481.27*	
		For Parallel Blade Damper, Add	*160.42*	
23 33 13 13-0078	EA	32" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	617.55	55.72
		For Stainless Steel, Add	*540.44*	
		For Parallel Blade Damper, Add	*180.15*	
23 33 13 13-0079	EA	32" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	683.37	58.85
		For Stainless Steel, Add	*608.00*	
		For Parallel Blade Damper, Add	*202.67*	
23 33 13 13-0080	EA	36" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	341.69	29.36
		For Stainless Steel, Add	*304.01*	
		For Parallel Blade Damper, Add	*101.34*	
23 33 13 13-0081	EA	36" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	362.51	31.67
		For Stainless Steel, Add	*320.84*	
		For Parallel Blade Damper, Add	*106.95*	
23 33 13 13-0082	EA	36" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	383.35	33.98
		For Stainless Steel, Add	*337.69*	
		For Parallel Blade Damper, Add	*112.56*	
23 33 13 13-0083	EA	36" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	411.29	36.16
		For Stainless Steel, Add	*363.06*	
		For Parallel Blade Damper, Add	*121.02*	
23 33 13 13-0084	EA	36" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	435.49	40.78
		For Stainless Steel, Add	*375.79*	
		For Parallel Blade Damper, Add	*125.26*	
23 33 13 13-0085	EA	36" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	452.86	42.95
		For Stainless Steel, Add	*388.48*	
		For Parallel Blade Damper, Add	*129.49*	
23 33 13 13-0086	EA	36" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	508.42	49.75
		For Stainless Steel, Add	*430.68*	
		For Parallel Blade Damper, Add	*143.56*	
23 33 13 13-0087	EA	36" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	557.13	54.37
		For Stainless Steel, Add	*472.82*	
		For Parallel Blade Damper, Add	*157.61*	
23 33 13 13-0088	EA	36" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	604.82	56.14
		For Stainless Steel, Add	*523.54*	
		For Parallel Blade Damper, Add	*174.51*	
23 33 13 13-0089	EA	36" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	673.32	60.21
		For Stainless Steel, Add	*591.05*	
		For Parallel Blade Damper, Add	*197.02*	
23 33 13 13-0090	EA	36" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	732.08	63.34
		For Stainless Steel, Add	*650.15*	
		For Parallel Blade Damper, Add	*216.72*	
23 33 13 13-0091	EA	36" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	795.19	65.65
		For Stainless Steel, Add	*717.72*	
		For Parallel Blade Damper, Add	*239.24*	
23 33 13 13-0092	EA	40" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	355.47	33.98
		For Stainless Steel, Add	*312.40*	
		For Parallel Blade Damper, Add	*104.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0093	EA	40" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	390.40	36.16
		For Stainless Steel, Add	*346.15*	
		For Parallel Blade Damper, Add	*115.38*	
23 33 13 13-0094	EA	40" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	404.24	38.46
		For Stainless Steel, Add	*354.60*	
		For Parallel Blade Damper, Add	*118.20*	
23 33 13 13-0095	EA	40" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	418.08	40.78
		For Stainless Steel, Add	*363.06*	
		For Parallel Blade Damper, Add	*121.02*	
23 33 13 13-0096	EA	40" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	456.33	42.95
		For Stainless Steel, Add	*392.64*	
		For Parallel Blade Damper, Add	*130.88*	
23 33 13 13-0097	EA	40" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	487.77	45.26
		For Stainless Steel, Add	*422.22*	
		For Parallel Blade Damper, Add	*140.74*	
23 33 13 13-0098	EA	40" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	536.29	52.06
		For Stainless Steel, Add	*455.98*	
		For Parallel Blade Damper, Add	*151.99*	
23 33 13 13-0099	EA	40" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	578.07	56.54
		For Stainless Steel, Add	*489.79*	
		For Parallel Blade Damper, Add	*163.26*	
23 33 13 13-0100	EA	40" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	631.15	60.21
		For Stainless Steel, Add	*540.44*	
		For Parallel Blade Damper, Add	*180.15*	
23 33 13 13-0101	EA	40" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	718.04	63.34
		For Stainless Steel, Add	*633.30*	
		For Parallel Blade Damper, Add	*211.10*	
23 33 13 13-0102	EA	40" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	771.09	67.01
		For Stainless Steel, Add	*683.90*	
		For Parallel Blade Damper, Add	*227.97*	
23 33 13 13-0103	EA	40" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	853.95	68.78
		For Stainless Steel, Add	*776.82*	
		For Parallel Blade Damper, Add	*258.94*	
23 33 13 13-0104	EA	40" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	935.22	72.45
		For Stainless Steel, Add	*861.29*	
		For Parallel Blade Damper, Add	*287.10*	
23 33 13 13-0105	EA	44" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	376.36	33.98
		For Stainless Steel, Add	*329.30*	
		For Parallel Blade Damper, Add	*109.77*	
23 33 13 13-0106	EA	44" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	411.29	36.16
		For Stainless Steel, Add	*363.06*	
		For Parallel Blade Damper, Add	*121.02*	
23 33 13 13-0107	EA	44" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	439.26	38.46
		For Stainless Steel, Add	*388.48*	
		For Parallel Blade Damper, Add	*129.49*	
23 33 13 13-0108	EA	44" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	453.10	40.78
		For Stainless Steel, Add	*396.92*	
		For Parallel Blade Damper, Add	*132.31*	
23 33 13 13-0109	EA	44" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	488.03	42.95
		For Stainless Steel, Add	*430.68*	
		For Parallel Blade Damper, Add	*143.56*	
23 33 13 13-0110	EA	44" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	522.94	45.26
		For Stainless Steel, Add	*464.42*	
		For Parallel Blade Damper, Add	*154.81*	
23 33 13 13-0111	EA	44" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	585.35	54.37
		For Stainless Steel, Add	*506.69*	
		For Parallel Blade Damper, Add	*168.90*	
23 33 13 13-0112	EA	44" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	634.06	58.85
		For Stainless Steel, Add	*548.83*	
		For Parallel Blade Damper, Add	*182.94*	
23 33 13 13-0113	EA	44" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	718.04	63.34
		For Stainless Steel, Add	*633.30*	
		For Parallel Blade Damper, Add	*211.10*	
23 33 13 13-0114	EA	44" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	794.99	67.97
		For Stainless Steel, Add	*709.32*	
		For Parallel Blade Damper, Add	*236.44*	
23 33 13 13-0115	EA	44" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	878.87	72.45
		For Stainless Steel, Add	*793.67*	
		For Parallel Blade Damper, Add	*264.56*	
23 33 13 13-0116	EA	44" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	949.02	74.62
		For Stainless Steel, Add	*869.69*	
		For Parallel Blade Damper, Add	*289.90*	
23 33 13 13-0117	EA	44" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,019.16	76.93
		For Stainless Steel, Add	*945.71*	
		For Parallel Blade Damper, Add	*315.24*	
23 33 13 13-0118	EA	44" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,089.30	79.24
		For Stainless Steel, Add	*1,021.72*	
		For Parallel Blade Damper, Add	*340.57*	
23 33 13 13-0119	EA	48" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	404.24	36.16
		For Stainless Steel, Add	*354.60*	
		For Parallel Blade Damper, Add	*118.20*	
23 33 13 13-0120	EA	48" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	439.26	38.46
		For Stainless Steel, Add	*388.48*	
		For Parallel Blade Damper, Add	*129.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0121	EA	48" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	453.10	40.78
		For Stainless Steel, Add	*396.92*	
		For Parallel Blade Damper, Add	*132.31*	
23 33 13 13-0122	EA	48" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	487.77	45.26
		For Stainless Steel, Add	*422.22*	
		For Parallel Blade Damper, Add	*140.74*	
23 33 13 13-0123	EA	48" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	529.50	49.75
		For Stainless Steel, Add	*455.98*	
		For Parallel Blade Damper, Add	*151.99*	
23 33 13 13-0124	EA	48" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	571.27	54.37
		For Stainless Steel, Add	*489.79*	
		For Parallel Blade Damper, Add	*163.26*	
23 33 13 13-0125	EA	48" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	627.07	58.85
		For Stainless Steel, Add	*540.44*	
		For Parallel Blade Damper, Add	*180.15*	
23 33 13 13-0126	EA	48" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	682.83	63.34
		For Stainless Steel, Add	*591.05*	
		For Parallel Blade Damper, Add	*197.02*	
23 33 13 13-0127	EA	48" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	759.77	67.97
		For Stainless Steel, Add	*667.06*	
		For Parallel Blade Damper, Add	*222.35*	
23 33 13 13-0128	EA	48" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	850.75	72.45
		For Stainless Steel, Add	*759.92*	
		For Parallel Blade Damper, Add	*253.31*	
23 33 13 13-0129	EA	48" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	920.94	74.62
		For Stainless Steel, Add	*835.99*	
		For Parallel Blade Damper, Add	*278.66*	
23 33 13 13-0130	EA	48" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,012.11	76.93
		For Stainless Steel, Add	*937.25*	
		For Parallel Blade Damper, Add	*312.42*	
23 33 13 13-0131	EA	48" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,089.06	81.41
		For Stainless Steel, Add	*1,013.27*	
		For Parallel Blade Damper, Add	*337.76*	
23 33 13 13-0132	EA	48" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,180.28	83.73
		For Stainless Steel, Add	*1,114.58*	
		For Parallel Blade Damper, Add	*371.53*	
23 33 13 13-0133	EA	48" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,256.96	90.53
		For Stainless Steel, Add	*1,182.14*	
		For Parallel Blade Damper, Add	*394.05*	
23 33 13 13-0134	EA	52" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	432.21	38.46
		For Stainless Steel, Add	*380.02*	
		For Parallel Blade Damper, Add	*126.67*	
23 33 13 13-0135	EA	52" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	467.14	40.78
		For Stainless Steel, Add	*413.77*	
		For Parallel Blade Damper, Add	*137.92*	
23 33 13 13-0136	EA	52" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	508.86	45.26
		For Stainless Steel, Add	*447.53*	
		For Parallel Blade Damper, Add	*149.18*	
23 33 13 13-0137	EA	52" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	529.50	49.75
		For Stainless Steel, Add	*455.98*	
		For Parallel Blade Damper, Add	*151.99*	
23 33 13 13-0138	EA	52" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	574.79	54.37
		For Stainless Steel, Add	*494.02*	
		For Parallel Blade Damper, Add	*164.67*	
23 33 13 13-0139	EA	52" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	620.03	58.85
		For Stainless Steel, Add	*532.00*	
		For Parallel Blade Damper, Add	*177.33*	
23 33 13 13-0140	EA	52" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	675.83	63.34
		For Stainless Steel, Add	*582.65*	
		For Parallel Blade Damper, Add	*194.22*	
23 33 13 13-0141	EA	52" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	731.64	67.97
		For Stainless Steel, Add	*633.30*	
		For Parallel Blade Damper, Add	*211.10*	
23 33 13 13-0142	EA	52" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	808.58	72.45
		For Stainless Steel, Add	*709.32*	
		For Parallel Blade Damper, Add	*236.44*	
23 33 13 13-0143	EA	52" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	906.55	76.93
		For Stainless Steel, Add	*810.58*	
		For Parallel Blade Damper, Add	*270.19*	
23 33 13 13-0144	EA	52" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	983.69	79.24
		For Stainless Steel, Add	*894.98*	
		For Parallel Blade Damper, Add	*298.33*	
23 33 13 13-0145	EA	52" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,082.01	81.41
		For Stainless Steel, Add	*1,004.81*	
		For Parallel Blade Damper, Add	*334.94*	
23 33 13 13-0146	EA	52" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,179.98	86.04
		For Stainless Steel, Add	*1,106.06*	
		For Parallel Blade Damper, Add	*368.69*	
23 33 13 13-0147	EA	52" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,256.96	90.53
		For Stainless Steel, Add	*1,182.14*	
		For Parallel Blade Damper, Add	*394.05*	
23 33 13 13-0148	EA	52" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,361.78	97.32
		For Stainless Steel, Add	*1,283.46*	
		For Parallel Blade Damper, Add	*427.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0149	EA	52" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,445.77	101.80
		For Stainless Steel, Add	*1,367.93*	
		For Parallel Blade Damper, Add	*455.98*	
23 33 13 13-0150	EA	56" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	453.10	40.78
		For Stainless Steel, Add	*396.92*	
		For Parallel Blade Damper, Add	*132.31*	
23 33 13 13-0151	EA	56" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	501.81	45.26
		For Stainless Steel, Add	*439.07*	
		For Parallel Blade Damper, Add	*146.36*	
23 33 13 13-0152	EA	56" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	536.54	49.75
		For Stainless Steel, Add	*464.42*	
		For Parallel Blade Damper, Add	*154.81*	
23 33 13 13-0153	EA	56" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	557.13	54.37
		For Stainless Steel, Add	*472.82*	
		For Parallel Blade Damper, Add	*157.61*	
23 33 13 13-0154	EA	56" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	609.46	58.85
		For Stainless Steel, Add	*519.31*	
		For Parallel Blade Damper, Add	*173.10*	
23 33 13 13-0155	EA	56" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	661.74	63.34
		For Stainless Steel, Add	*565.74*	
		For Parallel Blade Damper, Add	*188.58*	
23 33 13 13-0156	EA	56" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	714.03	67.97
		For Stainless Steel, Add	*612.17*	
		For Parallel Blade Damper, Add	*204.06*	
23 33 13 13-0157	EA	56" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	766.32	72.45
		For Stainless Steel, Add	*658.61*	
		For Parallel Blade Damper, Add	*219.54*	
23 33 13 13-0158	EA	56" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	864.34	76.93
		For Stainless Steel, Add	*759.92*	
		For Parallel Blade Damper, Add	*253.31*	
23 33 13 13-0159	EA	56" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	955.61	79.24
		For Stainless Steel, Add	*861.29*	
		For Parallel Blade Damper, Add	*287.10*	
23 33 13 13-0160	EA	56" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,039.80	81.41
		For Stainless Steel, Add	*954.16*	
		For Parallel Blade Damper, Add	*318.05*	
23 33 13 13-0161	EA	56" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,151.91	86.04
		For Stainless Steel, Add	*1,072.38*	
		For Parallel Blade Damper, Add	*357.46*	
23 33 13 13-0162	EA	56" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,249.92	90.53
		For Stainless Steel, Add	*1,173.70*	
		For Parallel Blade Damper, Add	*391.23*	
23 33 13 13-0163	EA	56" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,354.99	95.01
		For Stainless Steel, Add	*1,283.46*	
		For Parallel Blade Damper, Add	*427.82*	
23 33 13 13-0164	EA	56" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,438.97	99.63
		For Stainless Steel, Add	*1,367.93*	
		For Parallel Blade Damper, Add	*455.98*	
23 33 13 13-0165	EA	56" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,544.03	104.12
		For Stainless Steel, Add	*1,477.69*	
		For Parallel Blade Damper, Add	*492.56*	
23 33 13 13-0166	EA	56" x 56" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,649.10	108.60
		For Stainless Steel, Add	*1,587.46*	
		For Parallel Blade Damper, Add	*529.15*	
23 33 13 13-0167	EA	60" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	487.77	45.26
		For Stainless Steel, Add	*422.22*	
		For Parallel Blade Damper, Add	*140.74*	
23 33 13 13-0168	EA	60" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	536.54	49.75
		For Stainless Steel, Add	*464.42*	
		For Parallel Blade Damper, Add	*154.81*	
23 33 13 13-0169	EA	60" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	564.17	54.37
		For Stainless Steel, Add	*481.27*	
		For Parallel Blade Damper, Add	*160.42*	
23 33 13 13-0170	EA	60" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	584.86	58.85
		For Stainless Steel, Add	*489.79*	
		For Parallel Blade Damper, Add	*163.26*	
23 33 13 13-0171	EA	60" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	640.66	63.34
		For Stainless Steel, Add	*540.44*	
		For Parallel Blade Damper, Add	*180.15*	
23 33 13 13-0172	EA	60" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	696.43	67.97
		For Stainless Steel, Add	*591.05*	
		For Parallel Blade Damper, Add	*197.02*	
23 33 13 13-0173	EA	60" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	755.75	72.45
		For Stainless Steel, Add	*645.92*	
		For Parallel Blade Damper, Add	*215.31*	
23 33 13 13-0174	EA	60" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	815.08	76.93
		For Stainless Steel, Add	*700.81*	
		For Parallel Blade Damper, Add	*233.60*	
23 33 13 13-0175	EA	60" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	913.35	79.24
		For Stainless Steel, Add	*810.58*	
		For Parallel Blade Damper, Add	*270.19*	
23 33 13 13-0176	EA	60" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,004.58	81.41
		For Stainless Steel, Add	*911.89*	
		For Parallel Blade Damper, Add	*303.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0177	EA	60" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,109.69	86.04
		For Stainless Steel, Add	*1,021.72*	
		For Parallel Blade Damper, Add	*340.57*	
23 33 13 13-0178	EA	60" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,214.74	90.53
		For Stainless Steel, Add	*1,131.48*	
		For Parallel Blade Damper, Add	*377.16*	
23 33 13 13-0179	EA	60" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,298.69	95.01
		For Stainless Steel, Add	*1,215.90*	
		For Parallel Blade Damper, Add	*405.30*	
23 33 13 13-0180	EA	60" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,424.83	99.63
		For Stainless Steel, Add	*1,350.96*	
		For Parallel Blade Damper, Add	*450.32*	
23 33 13 13-0181	EA	60" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,536.94	104.12
		For Stainless Steel, Add	*1,469.18*	
		For Parallel Blade Damper, Add	*489.73*	
23 33 13 13-0182	EA	60" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,649.10	108.60
		For Stainless Steel, Add	*1,587.46*	
		For Parallel Blade Damper, Add	*529.15*	
23 33 13 13-0183	EA	60" x 56" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,747.03	113.22
		For Stainless Steel, Add	*1,688.66*	
		For Parallel Blade Damper, Add	*562.89*	
23 33 13 13-0184	EA	60" x 60" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,845.14	117.71
		For Stainless Steel, Add	*1,790.09*	
		For Parallel Blade Damper, Add	*596.70*	

23 33 13 16 Fire Dampers *(23 33 13)*

23 33 13 16-0001 Fire Dampers *(23 33 13 16)*

23 33 13 16-0002	SF	Curtain Type, Vertical, Fire Damper	158.56	14.68
		For Spring Activated Horizontal Mount Operation, Add	*25.74*	
		For Dynamic Damper, Add	*61.77*	
		For 3 Hour Rated, Add	*34.31*	
		For Smoke Damper, Add	*97.22*	
23 33 13 16-0003	SF	Louver Type, Vertical, Fire Damper	220.95	14.68
		For Spring Activated Horizontal Mount Operation, Add	*39.77*	
		For Dynamic Damper, Add	*95.46*	
		For 3 Hour Rated, Add	*53.03*	
		For Smoke Damper, Add	*150.25*	

23 33 13 16-0004 Folding Curtain Fire Dampers *(23 33 13 16)*

Note: UL Listed. Air stream 22 gauge galvanized steel construction with fusible link 160 F, gravity actuated for vertical mount 1-1/2 hour fire rating. Damper blades and damper frame are in the air stream.

23 33 13 16-0005	EA	6" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	76.43	15.09
		For Spring Activated Horizontal Mount Operation, Add	*7.01*	
		For Dynamic Damper, Add	*16.83*	
		For 3 Hour Rated, Add	*9.35*	
		For Cap Of Damper Blades Outside Air Stream, Add	*7.79*	
23 33 13 16-0006	EA	8" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	80.70	15.77
		For Spring Activated Horizontal Mount Operation, Add	*7.51*	
		For Dynamic Damper, Add	*18.03*	
		For 3 Hour Rated, Add	*10.02*	
		For Cap Of Damper Blades Outside Air Stream, Add	*8.35*	
23 33 13 16-0007	EA	8" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	83.20	15.90
		For Spring Activated Horizontal Mount Operation, Add	*8.01*	
		For Dynamic Damper, Add	*19.23*	
		For 3 Hour Rated, Add	*10.69*	
		For Cap Of Damper Blades Outside Air Stream, Add	*8.91*	
23 33 13 16-0008	EA	10" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	83.20	15.90
		For Spring Activated Horizontal Mount Operation, Add	*8.01*	
		For Dynamic Damper, Add	*19.23*	
		For 3 Hour Rated, Add	*10.69*	
		For Cap Of Damper Blades Outside Air Stream, Add	*8.91*	
23 33 13 16-0009	EA	10" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	86.79	16.32
		For Spring Activated Horizontal Mount Operation, Add	*8.52*	
		For Dynamic Damper, Add	*20.44*	
		For 3 Hour Rated, Add	*11.36*	
		For Cap Of Damper Blades Outside Air Stream, Add	*9.46*	
23 33 13 16-0010	EA	10" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	96.66	18.08
		For Spring Activated Horizontal Mount Operation, Add	*9.52*	
		For Dynamic Damper, Add	*22.84*	
		For 3 Hour Rated, Add	*12.69*	
		For Cap Of Damper Blades Outside Air Stream, Add	*10.57*	
23 33 13 16-0011	EA	12" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	86.79	16.32
		For Spring Activated Horizontal Mount Operation, Add	*8.52*	
		For Dynamic Damper, Add	*20.44*	
		For 3 Hour Rated, Add	*11.36*	
		For Cap Of Damper Blades Outside Air Stream, Add	*9.46*	
23 33 13 16-0012	EA	12" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	93.94	17.26
		For Spring Activated Horizontal Mount Operation, Add	*9.52*	
		For Dynamic Damper, Add	*22.84*	
		For 3 Hour Rated, Add	*12.69*	
		For Cap Of Damper Blades Outside Air Stream, Add	*10.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0013	EA	12" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	98.89	18.08
		For Spring Activated Horizontal Mount Operation, Add	*10.02*	
		For Dynamic Damper, Add	*24.04*	
		For 3 Hour Rated, Add	*13.36*	
		For Cap Of Damper Blades Outside Air Stream, Add	*11.13*	
23 33 13 16-0014	EA	12" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	107.92	20.39
		For Spring Activated Horizontal Mount Operation, Add	*10.52*	
		For Dynamic Damper, Add	*25.25*	
		For 3 Hour Rated, Add	*14.03*	
		For Cap Of Damper Blades Outside Air Stream, Add	*11.69*	
23 33 13 16-0015	EA	14" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	92.84	17.26
		For Spring Activated Horizontal Mount Operation, Add	*9.27*	
		For Dynamic Damper, Add	*22.24*	
		For 3 Hour Rated, Add	*12.36*	
		For Cap Of Damper Blades Outside Air Stream, Add	*10.30*	
23 33 13 16-0016	EA	14" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	98.89	18.08
		For Spring Activated Horizontal Mount Operation, Add	*10.02*	
		For Dynamic Damper, Add	*24.04*	
		For 3 Hour Rated, Add	*13.36*	
		For Cap Of Damper Blades Outside Air Stream, Add	*11.13*	
23 33 13 16-0017	EA	14" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	103.84	19.03
		For Spring Activated Horizontal Mount Operation, Add	*10.52*	
		For Dynamic Damper, Add	*25.25*	
		For 3 Hour Rated, Add	*14.03*	
		For Cap Of Damper Blades Outside Air Stream, Add	*11.69*	
23 33 13 16-0018	EA	14" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	110.15	20.39
		For Spring Activated Horizontal Mount Operation, Add	*11.02*	
		For Dynamic Damper, Add	*26.45*	
		For 3 Hour Rated, Add	*14.69*	
		For Cap Of Damper Blades Outside Air Stream, Add	*12.25*	
23 33 13 16-0019	EA	14" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	122.52	22.70
		For Spring Activated Horizontal Mount Operation, Add	*12.27*	
		For Dynamic Damper, Add	*29.46*	
		For 3 Hour Rated, Add	*16.37*	
		For Cap Of Damper Blades Outside Air Stream, Add	*13.64*	
23 33 13 16-0020	EA	16" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	98.89	18.08
		For Spring Activated Horizontal Mount Operation, Add	*10.02*	
		For Dynamic Damper, Add	*24.04*	
		For 3 Hour Rated, Add	*13.36*	
		For Cap Of Damper Blades Outside Air Stream, Add	*11.13*	
23 33 13 16-0021	EA	16" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	105.20	19.43
		For Spring Activated Horizontal Mount Operation, Add	*10.52*	
		For Dynamic Damper, Add	*25.25*	
		For 3 Hour Rated, Add	*14.03*	
		For Cap Of Damper Blades Outside Air Stream, Add	*11.69*	
23 33 13 16-0022	EA	16" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	112.86	21.34
		For Spring Activated Horizontal Mount Operation, Add	*11.02*	
		For Dynamic Damper, Add	*26.45*	
		For 3 Hour Rated, Add	*14.69*	
		For Cap Of Damper Blades Outside Air Stream, Add	*12.25*	
23 33 13 16-0023	EA	16" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	119.17	22.70
		For Spring Activated Horizontal Mount Operation, Add	*11.52*	
		For Dynamic Damper, Add	*27.65*	
		For 3 Hour Rated, Add	*15.36*	
		For Cap Of Damper Blades Outside Air Stream, Add	*12.80*	
23 33 13 16-0024	EA	16" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	131.54	24.87
		For Spring Activated Horizontal Mount Operation, Add	*12.78*	
		For Dynamic Damper, Add	*30.66*	
		For 3 Hour Rated, Add	*17.03*	
		For Cap Of Damper Blades Outside Air Stream, Add	*14.20*	
23 33 13 16-0025	EA	16" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	143.91	27.19
		For Spring Activated Horizontal Mount Operation, Add	*14.03*	
		For Dynamic Damper, Add	*33.67*	
		For 3 Hour Rated, Add	*18.71*	
		For Cap Of Damper Blades Outside Air Stream, Add	*15.59*	
23 33 13 16-0026	EA	18" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	103.84	19.03
		For Spring Activated Horizontal Mount Operation, Add	*10.52*	
		For Dynamic Damper, Add	*25.25*	
		For 3 Hour Rated, Add	*14.03*	
		For Cap Of Damper Blades Outside Air Stream, Add	*11.69*	
23 33 13 16-0027	EA	18" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	111.26	20.39
		For Spring Activated Horizontal Mount Operation, Add	*11.27*	
		For Dynamic Damper, Add	*27.05*	
		For 3 Hour Rated, Add	*15.03*	
		For Cap Of Damper Blades Outside Air Stream, Add	*12.52*	
23 33 13 16-0028	EA	18" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	121.41	22.70
		For Spring Activated Horizontal Mount Operation, Add	*12.02*	
		For Dynamic Damper, Add	*28.86*	
		For 3 Hour Rated, Add	*16.03*	
		For Cap Of Damper Blades Outside Air Stream, Add	*13.36*	
23 33 13 16-0029	EA	18" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	133.77	24.87
		For Spring Activated Horizontal Mount Operation, Add	*13.28*	
		For Dynamic Damper, Add	*31.87*	
		For 3 Hour Rated, Add	*17.70*	
		For Cap Of Damper Blades Outside Air Stream, Add	*14.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0030	EA	18" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	145.02	27.19
		For Spring Activated Horizontal Mount Operation, Add	*14.28*	
		For Dynamic Damper, Add	*34.27*	
		For 3 Hour Rated, Add	*19.04*	
		For Cap Of Damper Blades Outside Air Stream, Add	*15.87*	
23 33 13 16-0031	EA	18" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	157.37	29.36
		For Spring Activated Horizontal Mount Operation, Add	*15.53*	
		For Dynamic Damper, Add	*37.27*	
		For 3 Hour Rated, Add	*20.71*	
		For Cap Of Damper Blades Outside Air Stream, Add	*17.26*	
23 33 13 16-0032	EA	18" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	167.50	31.67
		For Spring Activated Horizontal Mount Operation, Add	*16.28*	
		For Dynamic Damper, Add	*39.07*	
		For 3 Hour Rated, Add	*21.71*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.09*	
23 33 13 16-0033	EA	20" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	110.15	20.39
		For Spring Activated Horizontal Mount Operation, Add	*11.02*	
		For Dynamic Damper, Add	*26.45*	
		For 3 Hour Rated, Add	*14.69*	
		For Cap Of Damper Blades Outside Air Stream, Add	*12.25*	
23 33 13 16-0034	EA	20" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	121.40	22.70
		For Spring Activated Horizontal Mount Operation, Add	*12.02*	
		For Dynamic Damper, Add	*28.85*	
		For 3 Hour Rated, Add	*16.03*	
		For Cap Of Damper Blades Outside Air Stream, Add	*13.36*	
23 33 13 16-0035	EA	20" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	132.65	24.87
		For Spring Activated Horizontal Mount Operation, Add	*13.03*	
		For Dynamic Damper, Add	*31.26*	
		For 3 Hour Rated, Add	*17.37*	
		For Cap Of Damper Blades Outside Air Stream, Add	*14.47*	
23 33 13 16-0036	EA	20" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	148.37	27.19
		For Spring Activated Horizontal Mount Operation, Add	*15.03*	
		For Dynamic Damper, Add	*36.08*	
		For 3 Hour Rated, Add	*20.04*	
		For Cap Of Damper Blades Outside Air Stream, Add	*16.70*	
23 33 13 16-0037	EA	20" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	158.50	29.36
		For Spring Activated Horizontal Mount Operation, Add	*15.78*	
		For Dynamic Damper, Add	*37.88*	
		For 3 Hour Rated, Add	*21.05*	
		For Cap Of Damper Blades Outside Air Stream, Add	*17.54*	
23 33 13 16-0038	EA	20" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	168.62	31.67
		For Spring Activated Horizontal Mount Operation, Add	*16.53*	
		For Dynamic Damper, Add	*39.68*	
		For 3 Hour Rated, Add	*22.04*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.37*	
23 33 13 16-0039	EA	20" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	179.87	33.98
		For Spring Activated Horizontal Mount Operation, Add	*17.53*	
		For Dynamic Damper, Add	*42.08*	
		For 3 Hour Rated, Add	*23.38*	
		For Cap Of Damper Blades Outside Air Stream, Add	*19.48*	
23 33 13 16-0040	EA	20" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	191.11	36.16
		For Spring Activated Horizontal Mount Operation, Add	*18.53*	
		For Dynamic Damper, Add	*44.48*	
		For 3 Hour Rated, Add	*24.71*	
		For Cap Of Damper Blades Outside Air Stream, Add	*20.59*	
23 33 13 16-0041	EA	24" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	123.63	22.70
		For Spring Activated Horizontal Mount Operation, Add	*12.52*	
		For Dynamic Damper, Add	*30.06*	
		For 3 Hour Rated, Add	*16.70*	
		For Cap Of Damper Blades Outside Air Stream, Add	*13.92*	
23 33 13 16-0042	EA	24" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	137.11	24.87
		For Spring Activated Horizontal Mount Operation, Add	*14.03*	
		For Dynamic Damper, Add	*33.67*	
		For 3 Hour Rated, Add	*18.71*	
		For Cap Of Damper Blades Outside Air Stream, Add	*15.59*	
23 33 13 16-0043	EA	24" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	148.37	27.19
		For Spring Activated Horizontal Mount Operation, Add	*15.03*	
		For Dynamic Damper, Add	*36.08*	
		For 3 Hour Rated, Add	*20.04*	
		For Cap Of Damper Blades Outside Air Stream, Add	*16.70*	
23 33 13 16-0044	EA	24" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	161.83	29.36
		For Spring Activated Horizontal Mount Operation, Add	*16.53*	
		For Dynamic Damper, Add	*39.68*	
		For 3 Hour Rated, Add	*22.04*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.37*	
23 33 13 16-0045	EA	24" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	171.96	31.67
		For Spring Activated Horizontal Mount Operation, Add	*17.28*	
		For Dynamic Damper, Add	*41.48*	
		For 3 Hour Rated, Add	*23.05*	
		For Cap Of Damper Blades Outside Air Stream, Add	*19.21*	
23 33 13 16-0046	EA	24" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	182.10	33.98
		For Spring Activated Horizontal Mount Operation, Add	*18.04*	
		For Dynamic Damper, Add	*43.29*	
		For 3 Hour Rated, Add	*24.05*	
		For Cap Of Damper Blades Outside Air Stream, Add	*20.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0047	EA	24" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	195.57	36.16
		For Spring Activated Horizontal Mount Operation, Add	*19.54*	
		For Dynamic Damper, Add	*46.89*	
		For 3 Hour Rated, Add	*26.05*	
		For Cap Of Damper Blades Outside Air Stream, Add	*21.71*	
23 33 13 16-0048	EA	24" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	215.84	40.78
		For Spring Activated Horizontal Mount Operation, Add	*21.04*	
		For Dynamic Damper, Add	*50.50*	
		For 3 Hour Rated, Add	*28.05*	
		For Cap Of Damper Blades Outside Air Stream, Add	*23.38*	
23 33 13 16-0049	EA	24" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	238.35	45.26
		For Spring Activated Horizontal Mount Operation, Add	*23.05*	
		For Dynamic Damper, Add	*55.31*	
		For 3 Hour Rated, Add	*30.73*	
		For Cap Of Damper Blades Outside Air Stream, Add	*25.61*	
23 33 13 16-0050	EA	28" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	137.11	24.87
		For Spring Activated Horizontal Mount Operation, Add	*14.03*	
		For Dynamic Damper, Add	*33.67*	
		For 3 Hour Rated, Add	*18.71*	
		For Cap Of Damper Blades Outside Air Stream, Add	*15.59*	
23 33 13 16-0051	EA	28" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	148.37	27.19
		For Spring Activated Horizontal Mount Operation, Add	*15.03*	
		For Dynamic Damper, Add	*36.08*	
		For 3 Hour Rated, Add	*20.04*	
		For Cap Of Damper Blades Outside Air Stream, Add	*16.70*	
23 33 13 16-0052	EA	28" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	161.83	29.36
		For Spring Activated Horizontal Mount Operation, Add	*16.53*	
		For Dynamic Damper, Add	*39.68*	
		For 3 Hour Rated, Add	*22.04*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.37*	
23 33 13 16-0053	EA	28" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	173.07	31.67
		For Spring Activated Horizontal Mount Operation, Add	*17.53*	
		For Dynamic Damper, Add	*42.08*	
		For 3 Hour Rated, Add	*23.38*	
		For Cap Of Damper Blades Outside Air Stream, Add	*19.48*	
23 33 13 16-0054	EA	28" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	185.44	33.98
		For Spring Activated Horizontal Mount Operation, Add	*18.79*	
		For Dynamic Damper, Add	*45.09*	
		For 3 Hour Rated, Add	*25.05*	
		For Cap Of Damper Blades Outside Air Stream, Add	*20.88*	
23 33 13 16-0055	EA	28" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	197.79	36.16
		For Spring Activated Horizontal Mount Operation, Add	*20.04*	
		For Dynamic Damper, Add	*48.09*	
		For 3 Hour Rated, Add	*26.72*	
		For Cap Of Damper Blades Outside Air Stream, Add	*22.26*	
23 33 13 16-0056	EA	28" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	218.07	40.78
		For Spring Activated Horizontal Mount Operation, Add	*21.54*	
		For Dynamic Damper, Add	*51.70*	
		For 3 Hour Rated, Add	*28.72*	
		For Cap Of Damper Blades Outside Air Stream, Add	*23.94*	
23 33 13 16-0057	EA	28" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	238.35	45.26
		For Spring Activated Horizontal Mount Operation, Add	*23.05*	
		For Dynamic Damper, Add	*55.31*	
		For 3 Hour Rated, Add	*30.73*	
		For Cap Of Damper Blades Outside Air Stream, Add	*25.61*	
23 33 13 16-0058	EA	28" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	258.50	47.58
		For Spring Activated Horizontal Mount Operation, Add	*26.05*	
		For Dynamic Damper, Add	*62.52*	
		For 3 Hour Rated, Add	*34.73*	
		For Cap Of Damper Blades Outside Air Stream, Add	*28.95*	
23 33 13 16-0059	EA	28" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	283.22	52.06
		For Spring Activated Horizontal Mount Operation, Add	*28.55*	
		For Dynamic Damper, Add	*68.53*	
		For 3 Hour Rated, Add	*38.07*	
		For Cap Of Damper Blades Outside Air Stream, Add	*31.73*	
23 33 13 16-0060	EA	32" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	155.04	27.19
		For Spring Activated Horizontal Mount Operation, Add	*16.53*	
		For Dynamic Damper, Add	*39.68*	
		For 3 Hour Rated, Add	*22.04*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.37*	
23 33 13 16-0061	EA	32" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	164.05	29.36
		For Spring Activated Horizontal Mount Operation, Add	*17.03*	
		For Dynamic Damper, Add	*40.88*	
		For 3 Hour Rated, Add	*22.71*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.93*	
23 33 13 16-0062	EA	32" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	173.07	31.67
		For Spring Activated Horizontal Mount Operation, Add	*17.53*	
		For Dynamic Damper, Add	*42.08*	
		For 3 Hour Rated, Add	*23.38*	
		For Cap Of Damper Blades Outside Air Stream, Add	*19.48*	
23 33 13 16-0063	EA	32" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	184.31	33.98
		For Spring Activated Horizontal Mount Operation, Add	*18.53*	
		For Dynamic Damper, Add	*44.48*	
		For 3 Hour Rated, Add	*24.71*	
		For Cap Of Damper Blades Outside Air Stream, Add	*20.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0064	EA	32" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	198.21	36.16
		For Spring Activated Horizontal Mount Operation, Add	*20.13*	
		For Dynamic Damper, Add	*48.31*	
		For 3 Hour Rated, Add	*26.84*	
		For Cap Of Damper Blades Outside Air Stream, Add	*22.37*	
23 33 13 16-0065	EA	32" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	218.07	40.78
		For Spring Activated Horizontal Mount Operation, Add	*21.54*	
		For Dynamic Damper, Add	*51.70*	
		For 3 Hour Rated, Add	*28.72*	
		For Cap Of Damper Blades Outside Air Stream, Add	*23.94*	
23 33 13 16-0066	EA	32" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	240.58	45.26
		For Spring Activated Horizontal Mount Operation, Add	*23.55*	
		For Dynamic Damper, Add	*56.52*	
		For 3 Hour Rated, Add	*31.40*	
		For Cap Of Damper Blades Outside Air Stream, Add	*26.17*	
23 33 13 16-0067	EA	32" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	263.08	49.75
		For Spring Activated Horizontal Mount Operation, Add	*25.55*	
		For Dynamic Damper, Add	*61.32*	
		For 3 Hour Rated, Add	*34.07*	
		For Cap Of Damper Blades Outside Air Stream, Add	*28.39*	
23 33 13 16-0068	EA	32" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	283.22	52.06
		For Spring Activated Horizontal Mount Operation, Add	*28.55*	
		For Dynamic Damper, Add	*68.53*	
		For 3 Hour Rated, Add	*38.07*	
		For Cap Of Damper Blades Outside Air Stream, Add	*31.73*	
23 33 13 16-0069	EA	32" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	309.69	55.72
		For Spring Activated Horizontal Mount Operation, Add	*32.06*	
		For Dynamic Damper, Add	*76.96*	
		For 3 Hour Rated, Add	*42.75*	
		For Cap Of Damper Blades Outside Air Stream, Add	*35.63*	
23 33 13 16-0070	EA	32" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	337.02	58.85
		For Spring Activated Horizontal Mount Operation, Add	*36.07*	
		For Dynamic Damper, Add	*86.57*	
		For 3 Hour Rated, Add	*48.10*	
		For Cap Of Damper Blades Outside Air Stream, Add	*40.08*	
23 33 13 16-0071	EA	36" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	168.51	29.36
		For Spring Activated Horizontal Mount Operation, Add	*18.04*	
		For Dynamic Damper, Add	*43.29*	
		For 3 Hour Rated, Add	*24.05*	
		For Cap Of Damper Blades Outside Air Stream, Add	*20.04*	
23 33 13 16-0072	EA	36" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	179.74	31.67
		For Spring Activated Horizontal Mount Operation, Add	*19.04*	
		For Dynamic Damper, Add	*45.68*	
		For 3 Hour Rated, Add	*25.38*	
		For Cap Of Damper Blades Outside Air Stream, Add	*21.15*	
23 33 13 16-0073	EA	36" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	190.99	33.98
		For Spring Activated Horizontal Mount Operation, Add	*20.04*	
		For Dynamic Damper, Add	*48.09*	
		For 3 Hour Rated, Add	*26.72*	
		For Cap Of Damper Blades Outside Air Stream, Add	*22.26*	
23 33 13 16-0074	EA	36" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	204.48	36.16
		For Spring Activated Horizontal Mount Operation, Add	*21.54*	
		For Dynamic Damper, Add	*51.70*	
		For 3 Hour Rated, Add	*28.72*	
		For Cap Of Damper Blades Outside Air Stream, Add	*23.94*	
23 33 13 16-0075	EA	36" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	221.42	40.78
		For Spring Activated Horizontal Mount Operation, Add	*22.30*	
		For Dynamic Damper, Add	*53.51*	
		For 3 Hour Rated, Add	*29.73*	
		For Cap Of Damper Blades Outside Air Stream, Add	*24.77*	
23 33 13 16-0076	EA	36" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	231.56	42.95
		For Spring Activated Horizontal Mount Operation, Add	*23.05*	
		For Dynamic Damper, Add	*55.31*	
		For 3 Hour Rated, Add	*30.73*	
		For Cap Of Damper Blades Outside Air Stream, Add	*25.61*	
23 33 13 16-0077	EA	36" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	263.08	49.75
		For Spring Activated Horizontal Mount Operation, Add	*25.55*	
		For Dynamic Damper, Add	*61.32*	
		For 3 Hour Rated, Add	*34.07*	
		For Cap Of Damper Blades Outside Air Stream, Add	*28.39*	
23 33 13 16-0078	EA	36" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	287.79	54.37
		For Spring Activated Horizontal Mount Operation, Add	*28.05*	
		For Dynamic Damper, Add	*67.33*	
		For 3 Hour Rated, Add	*37.40*	
		For Cap Of Damper Blades Outside Air Stream, Add	*31.17*	
23 33 13 16-0079	EA	36" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	247.42	56.14
		For Spring Activated Horizontal Mount Operation, Add	*17.75*	
		For Dynamic Damper, Add	*42.60*	
		For 3 Hour Rated, Add	*23.66*	
		For Cap Of Damper Blades Outside Air Stream, Add	*19.72*	
23 33 13 16-0080	EA	36" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	336.64	60.21
		For Spring Activated Horizontal Mount Operation, Add	*35.07*	
		For Dynamic Damper, Add	*84.16*	
		For 3 Hour Rated, Add	*46.76*	
		For Cap Of Damper Blades Outside Air Stream, Add	*38.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0081	EA	36" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	361.72	63.34
		For Spring Activated Horizontal Mount Operation, Add	*38.57*	
		For Dynamic Damper, Add	*92.57*	
		For 3 Hour Rated, Add	*51.43*	
		For Cap Of Damper Blades Outside Air Stream, Add	*42.86*	
23 33 13 16-0082	EA	36" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	386.33	65.65
		For Spring Activated Horizontal Mount Operation, Add	*42.58*	
		For Dynamic Damper, Add	*102.19*	
		For 3 Hour Rated, Add	*56.77*	
		For Cap Of Damper Blades Outside Air Stream, Add	*47.31*	
23 33 13 16-0083	EA	40" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	177.51	33.98
		For Spring Activated Horizontal Mount Operation, Add	*18.53*	
		For Dynamic Damper, Add	*44.48*	
		For 3 Hour Rated, Add	*24.71*	
		For Cap Of Damper Blades Outside Air Stream, Add	*20.59*	
23 33 13 16-0084	EA	40" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	193.22	36.16
		For Spring Activated Horizontal Mount Operation, Add	*20.54*	
		For Dynamic Damper, Add	*49.29*	
		For 3 Hour Rated, Add	*27.38*	
		For Cap Of Damper Blades Outside Air Stream, Add	*22.82*	
23 33 13 16-0085	EA	40" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	202.25	38.46
		For Spring Activated Horizontal Mount Operation, Add	*21.04*	
		For Dynamic Damper, Add	*50.50*	
		For 3 Hour Rated, Add	*28.05*	
		For Cap Of Damper Blades Outside Air Stream, Add	*23.38*	
23 33 13 16-0086	EA	40" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	211.27	40.78
		For Spring Activated Horizontal Mount Operation, Add	*21.54*	
		For Dynamic Damper, Add	*51.70*	
		For 3 Hour Rated, Add	*28.72*	
		For Cap Of Damper Blades Outside Air Stream, Add	*23.94*	
23 33 13 16-0087	EA	40" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	232.67	42.95
		For Spring Activated Horizontal Mount Operation, Add	*23.30*	
		For Dynamic Damper, Add	*55.91*	
		For 3 Hour Rated, Add	*31.06*	
		For Cap Of Damper Blades Outside Air Stream, Add	*25.89*	
23 33 13 16-0088	EA	40" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	247.25	45.26
		For Spring Activated Horizontal Mount Operation, Add	*25.05*	
		For Dynamic Damper, Add	*60.12*	
		For 3 Hour Rated, Add	*33.40*	
		For Cap Of Damper Blades Outside Air Stream, Add	*27.83*	
23 33 13 16-0089	EA	40" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	276.55	52.06
		For Spring Activated Horizontal Mount Operation, Add	*27.05*	
		For Dynamic Damper, Add	*64.93*	
		For 3 Hour Rated, Add	*36.07*	
		For Cap Of Damper Blades Outside Air Stream, Add	*30.06*	
23 33 13 16-0090	EA	40" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	299.05	56.54
		For Spring Activated Horizontal Mount Operation, Add	*29.06*	
		For Dynamic Damper, Add	*69.74*	
		For 3 Hour Rated, Add	*38.74*	
		For Cap Of Damper Blades Outside Air Stream, Add	*32.29*	
23 33 13 16-0091	EA	40" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	323.29	60.21
		For Spring Activated Horizontal Mount Operation, Add	*32.06*	
		For Dynamic Damper, Add	*76.96*	
		For 3 Hour Rated, Add	*42.75*	
		For Cap Of Damper Blades Outside Air Stream, Add	*35.63*	
23 33 13 16-0092	EA	40" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	357.28	63.34
		For Spring Activated Horizontal Mount Operation, Add	*37.57*	
		For Dynamic Damper, Add	*90.17*	
		For 3 Hour Rated, Add	*50.10*	
		For Cap Of Damper Blades Outside Air Stream, Add	*41.75*	
23 33 13 16-0093	EA	40" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	381.51	67.01
		For Spring Activated Horizontal Mount Operation, Add	*40.58*	
		For Dynamic Damper, Add	*97.38*	
		For 3 Hour Rated, Add	*54.10*	
		For Cap Of Damper Blades Outside Air Stream, Add	*45.09*	
23 33 13 16-0094	EA	40" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	411.44	68.78
		For Spring Activated Horizontal Mount Operation, Add	*46.09*	
		For Dynamic Damper, Add	*110.61*	
		For 3 Hour Rated, Add	*61.45*	
		For Cap Of Damper Blades Outside Air Stream, Add	*51.21*	
23 33 13 16-0095	EA	40" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	444.59	72.45
		For Spring Activated Horizontal Mount Operation, Add	*51.10*	
		For Dynamic Damper, Add	*122.64*	
		For 3 Hour Rated, Add	*68.13*	
		For Cap Of Damper Blades Outside Air Stream, Add	*56.78*	
23 33 13 16-0096	EA	44" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	188.77	33.98
		For Spring Activated Horizontal Mount Operation, Add	*19.54*	
		For Dynamic Damper, Add	*46.89*	
		For 3 Hour Rated, Add	*26.05*	
		For Cap Of Damper Blades Outside Air Stream, Add	*21.71*	
23 33 13 16-0097	EA	44" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	204.48	36.16
		For Spring Activated Horizontal Mount Operation, Add	*21.54*	
		For Dynamic Damper, Add	*51.70*	
		For 3 Hour Rated, Add	*28.72*	
		For Cap Of Damper Blades Outside Air Stream, Add	*23.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0098	EA	44" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	217.96	38.46
		For Spring Activated Horizontal Mount Operation, Add	*23.05*	
		For Dynamic Damper, Add	*55.31*	
		For 3 Hour Rated, Add	*30.73*	
		For Cap Of Damper Blades Outside Air Stream, Add	*25.61*	
23 33 13 16-0099	EA	44" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	226.99	40.78
		For Spring Activated Horizontal Mount Operation, Add	*23.55*	
		For Dynamic Damper, Add	*56.52*	
		For 3 Hour Rated, Add	*31.40*	
		For Cap Of Damper Blades Outside Air Stream, Add	*26.17*	
23 33 13 16-0100	EA	44" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	242.69	42.95
		For Spring Activated Horizontal Mount Operation, Add	*25.55*	
		For Dynamic Damper, Add	*61.32*	
		For 3 Hour Rated, Add	*34.07*	
		For Cap Of Damper Blades Outside Air Stream, Add	*28.39*	
23 33 13 16-0101	EA	44" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	258.39	45.26
		For Spring Activated Horizontal Mount Operation, Add	*27.56*	
		For Dynamic Damper, Add	*66.13*	
		For 3 Hour Rated, Add	*36.74*	
		For Cap Of Damper Blades Outside Air Stream, Add	*30.62*	
23 33 13 16-0102	EA	44" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	296.71	54.37
		For Spring Activated Horizontal Mount Operation, Add	*30.06*	
		For Dynamic Damper, Add	*72.14*	
		For 3 Hour Rated, Add	*40.08*	
		For Cap Of Damper Blades Outside Air Stream, Add	*33.40*	
23 33 13 16-0103	EA	44" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	321.42	58.85
		For Spring Activated Horizontal Mount Operation, Add	*32.56*	
		For Dynamic Damper, Add	*78.15*	
		For 3 Hour Rated, Add	*43.42*	
		For Cap Of Damper Blades Outside Air Stream, Add	*36.18*	
23 33 13 16-0104	EA	44" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	357.28	63.34
		For Spring Activated Horizontal Mount Operation, Add	*37.57*	
		For Dynamic Damper, Add	*90.17*	
		For 3 Hour Rated, Add	*50.10*	
		For Cap Of Damper Blades Outside Air Stream, Add	*41.75*	
23 33 13 16-0105	EA	44" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	390.92	67.97
		For Spring Activated Horizontal Mount Operation, Add	*42.08*	
		For Dynamic Damper, Add	*101.00*	
		For 3 Hour Rated, Add	*56.11*	
		For Cap Of Damper Blades Outside Air Stream, Add	*46.76*	
23 33 13 16-0106	EA	44" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	426.76	72.45
		For Spring Activated Horizontal Mount Operation, Add	*47.09*	
		For Dynamic Damper, Add	*113.01*	
		For 3 Hour Rated, Add	*62.78*	
		For Cap Of Damper Blades Outside Air Stream, Add	*52.32*	
23 33 13 16-0107	EA	44" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	453.60	74.62
		For Spring Activated Horizontal Mount Operation, Add	*51.60*	
		For Dynamic Damper, Add	*123.83*	
		For 3 Hour Rated, Add	*68.80*	
		For Cap Of Damper Blades Outside Air Stream, Add	*57.33*	
23 33 13 16-0108	EA	44" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	480.43	76.93
		For Spring Activated Horizontal Mount Operation, Add	*56.11*	
		For Dynamic Damper, Add	*134.65*	
		For 3 Hour Rated, Add	*74.81*	
		For Cap Of Damper Blades Outside Air Stream, Add	*62.34*	
23 33 13 16-0109	EA	44" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	507.29	79.24
		For Spring Activated Horizontal Mount Operation, Add	*60.62*	
		For Dynamic Damper, Add	*145.49*	
		For 3 Hour Rated, Add	*80.83*	
		For Cap Of Damper Blades Outside Air Stream, Add	*67.36*	
23 33 13 16-0110	EA	48" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	202.25	36.16
		For Spring Activated Horizontal Mount Operation, Add	*21.04*	
		For Dynamic Damper, Add	*50.50*	
		For 3 Hour Rated, Add	*28.05*	
		For Cap Of Damper Blades Outside Air Stream, Add	*23.38*	
23 33 13 16-0111	EA	48" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	217.96	38.46
		For Spring Activated Horizontal Mount Operation, Add	*23.05*	
		For Dynamic Damper, Add	*55.31*	
		For 3 Hour Rated, Add	*30.73*	
		For Cap Of Damper Blades Outside Air Stream, Add	*25.61*	
23 33 13 16-0112	EA	48" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	226.99	40.78
		For Spring Activated Horizontal Mount Operation, Add	*23.55*	
		For Dynamic Damper, Add	*56.52*	
		For 3 Hour Rated, Add	*31.40*	
		For Cap Of Damper Blades Outside Air Stream, Add	*26.17*	
23 33 13 16-0113	EA	48" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	247.25	45.26
		For Spring Activated Horizontal Mount Operation, Add	*25.05*	
		For Dynamic Damper, Add	*60.12*	
		For 3 Hour Rated, Add	*33.40*	
		For Cap Of Damper Blades Outside Air Stream, Add	*27.83*	
23 33 13 16-0114	EA	48" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	269.76	49.75
		For Spring Activated Horizontal Mount Operation, Add	*27.05*	
		For Dynamic Damper, Add	*64.93*	
		For 3 Hour Rated, Add	*36.07*	
		For Cap Of Damper Blades Outside Air Stream, Add	*30.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0115	EA	48" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	292.25	54.37
		For Spring Activated Horizontal Mount Operation, Add	*29.06*	
		For Dynamic Damper, Add	*69.74*	
		For 3 Hour Rated, Add	*38.74*	
		For Cap Of Damper Blades Outside Air Stream, Add	*32.29*	
23 33 13 16-0116	EA	48" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	319.21	58.85
		For Spring Activated Horizontal Mount Operation, Add	*32.06*	
		For Dynamic Damper, Add	*76.96*	
		For 3 Hour Rated, Add	*42.75*	
		For Cap Of Damper Blades Outside Air Stream, Add	*35.63*	
23 33 13 16-0117	EA	48" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	346.15	63.34
		For Spring Activated Horizontal Mount Operation, Add	*35.07*	
		For Dynamic Damper, Add	*84.16*	
		For 3 Hour Rated, Add	*46.76*	
		For Cap Of Damper Blades Outside Air Stream, Add	*38.97*	
23 33 13 16-0118	EA	48" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	379.79	67.97
		For Spring Activated Horizontal Mount Operation, Add	*39.58*	
		For Dynamic Damper, Add	*94.99*	
		For 3 Hour Rated, Add	*52.77*	
		For Cap Of Damper Blades Outside Air Stream, Add	*43.98*	
23 33 13 16-0119	EA	48" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	417.86	72.45
		For Spring Activated Horizontal Mount Operation, Add	*45.09*	
		For Dynamic Damper, Add	*108.21*	
		For 3 Hour Rated, Add	*60.11*	
		For Cap Of Damper Blades Outside Air Stream, Add	*50.10*	
23 33 13 16-0120	EA	48" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	444.72	74.62
		For Spring Activated Horizontal Mount Operation, Add	*49.60*	
		For Dynamic Damper, Add	*119.04*	
		For 3 Hour Rated, Add	*66.13*	
		For Cap Of Damper Blades Outside Air Stream, Add	*55.11*	
23 33 13 16-0121	EA	48" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	478.20	76.93
		For Spring Activated Horizontal Mount Operation, Add	*55.60*	
		For Dynamic Damper, Add	*133.45*	
		For 3 Hour Rated, Add	*74.14*	
		For Cap Of Damper Blades Outside Air Stream, Add	*61.78*	
23 33 13 16-0122	EA	48" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	511.86	81.41
		For Spring Activated Horizontal Mount Operation, Add	*60.12*	
		For Dynamic Damper, Add	*144.28*	
		For 3 Hour Rated, Add	*80.16*	
		For Cap Of Damper Blades Outside Air Stream, Add	*66.80*	
23 33 13 16-0123	EA	48" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	545.36	83.73
		For Spring Activated Horizontal Mount Operation, Add	*66.13*	
		For Dynamic Damper, Add	*158.71*	
		For 3 Hour Rated, Add	*88.17*	
		For Cap Of Damper Blades Outside Air Stream, Add	*73.48*	
23 33 13 16-0124	EA	48" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	583.55	90.53
		For Spring Activated Horizontal Mount Operation, Add	*70.13*	
		For Dynamic Damper, Add	*168.32*	
		For 3 Hour Rated, Add	*93.51*	
		For Cap Of Damper Blades Outside Air Stream, Add	*77.93*	
23 33 13 16-0125	EA	52" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	215.73	38.46
		For Spring Activated Horizontal Mount Operation, Add	*22.55*	
		For Dynamic Damper, Add	*54.11*	
		For 3 Hour Rated, Add	*30.06*	
		For Cap Of Damper Blades Outside Air Stream, Add	*25.05*	
23 33 13 16-0126	EA	52" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	231.43	40.78
		For Spring Activated Horizontal Mount Operation, Add	*24.55*	
		For Dynamic Damper, Add	*58.91*	
		For 3 Hour Rated, Add	*32.73*	
		For Cap Of Damper Blades Outside Air Stream, Add	*27.28*	
23 33 13 16-0127	EA	52" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	253.93	45.26
		For Spring Activated Horizontal Mount Operation, Add	*26.55*	
		For Dynamic Damper, Add	*63.73*	
		For 3 Hour Rated, Add	*35.40*	
		For Cap Of Damper Blades Outside Air Stream, Add	*29.50*	
23 33 13 16-0128	EA	52" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	269.76	49.75
		For Spring Activated Horizontal Mount Operation, Add	*27.05*	
		For Dynamic Damper, Add	*64.93*	
		For 3 Hour Rated, Add	*36.07*	
		For Cap Of Damper Blades Outside Air Stream, Add	*30.06*	
23 33 13 16-0129	EA	52" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	293.38	54.37
		For Spring Activated Horizontal Mount Operation, Add	*29.31*	
		For Dynamic Damper, Add	*70.35*	
		For 3 Hour Rated, Add	*39.08*	
		For Cap Of Damper Blades Outside Air Stream, Add	*32.57*	
23 33 13 16-0130	EA	52" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	316.98	58.85
		For Spring Activated Horizontal Mount Operation, Add	*31.56*	
		For Dynamic Damper, Add	*75.75*	
		For 3 Hour Rated, Add	*42.08*	
		For Cap Of Damper Blades Outside Air Stream, Add	*35.07*	
23 33 13 16-0131	EA	52" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	343.93	63.34
		For Spring Activated Horizontal Mount Operation, Add	*34.57*	
		For Dynamic Damper, Add	*82.97*	
		For 3 Hour Rated, Add	*46.09*	
		For Cap Of Damper Blades Outside Air Stream, Add	*38.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0132	EA	52" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	370.88	67.97
		For Spring Activated Horizontal Mount Operation, Add	*37.57*	
		For Dynamic Damper, Add	*90.17*	
		For 3 Hour Rated, Add	*50.10*	
		For Cap Of Damper Blades Outside Air Stream, Add	*41.75*	
23 33 13 16-0133	EA	52" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	404.51	72.45
		For Spring Activated Horizontal Mount Operation, Add	*42.08*	
		For Dynamic Damper, Add	*101.00*	
		For 3 Hour Rated, Add	*56.11*	
		For Cap Of Damper Blades Outside Air Stream, Add	*46.76*	
23 33 13 16-0134	EA	52" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	444.81	76.93
		For Spring Activated Horizontal Mount Operation, Add	*48.09*	
		For Dynamic Damper, Add	*115.42*	
		For 3 Hour Rated, Add	*64.12*	
		For Cap Of Damper Blades Outside Air Stream, Add	*53.44*	
23 33 13 16-0135	EA	52" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	473.87	79.24
		For Spring Activated Horizontal Mount Operation, Add	*53.10*	
		For Dynamic Damper, Add	*127.44*	
		For 3 Hour Rated, Add	*70.80*	
		For Cap Of Damper Blades Outside Air Stream, Add	*59.00*	
23 33 13 16-0136	EA	52" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	509.63	81.41
		For Spring Activated Horizontal Mount Operation, Add	*59.62*	
		For Dynamic Damper, Add	*143.08*	
		For 3 Hour Rated, Add	*79.49*	
		For Cap Of Damper Blades Outside Air Stream, Add	*66.24*	
23 33 13 16-0137	EA	52" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	549.92	86.04
		For Spring Activated Horizontal Mount Operation, Add	*65.62*	
		For Dynamic Damper, Add	*157.50*	
		For 3 Hour Rated, Add	*87.50*	
		For Cap Of Damper Blades Outside Air Stream, Add	*72.92*	
23 33 13 16-0138	EA	52" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	583.55	90.53
		For Spring Activated Horizontal Mount Operation, Add	*70.13*	
		For Dynamic Damper, Add	*168.32*	
		For 3 Hour Rated, Add	*93.51*	
		For Cap Of Damper Blades Outside Air Stream, Add	*77.93*	
23 33 13 16-0139	EA	52" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	630.66	97.32
		For Spring Activated Horizontal Mount Operation, Add	*76.15*	
		For Dynamic Damper, Add	*182.75*	
		For 3 Hour Rated, Add	*101.53*	
		For Cap Of Damper Blades Outside Air Stream, Add	*84.61*	
23 33 13 16-0140	EA	52" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	666.53	101.80
		For Spring Activated Horizontal Mount Operation, Add	*81.16*	
		For Dynamic Damper, Add	*194.78*	
		For 3 Hour Rated, Add	*108.21*	
		For Cap Of Damper Blades Outside Air Stream, Add	*90.18*	
23 33 13 16-0141	EA	56" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	226.99	40.78
		For Spring Activated Horizontal Mount Operation, Add	*23.55*	
		For Dynamic Damper, Add	*56.52*	
		For 3 Hour Rated, Add	*31.40*	
		For Cap Of Damper Blades Outside Air Stream, Add	*26.17*	
23 33 13 16-0142	EA	56" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	251.70	45.26
		For Spring Activated Horizontal Mount Operation, Add	*26.05*	
		For Dynamic Damper, Add	*62.52*	
		For 3 Hour Rated, Add	*34.73*	
		For Cap Of Damper Blades Outside Air Stream, Add	*28.95*	
23 33 13 16-0143	EA	56" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	271.99	49.75
		For Spring Activated Horizontal Mount Operation, Add	*27.56*	
		For Dynamic Damper, Add	*66.13*	
		For 3 Hour Rated, Add	*36.74*	
		For Cap Of Damper Blades Outside Air Stream, Add	*30.62*	
23 33 13 16-0144	EA	56" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	287.79	54.37
		For Spring Activated Horizontal Mount Operation, Add	*28.05*	
		For Dynamic Damper, Add	*67.33*	
		For 3 Hour Rated, Add	*37.40*	
		For Cap Of Damper Blades Outside Air Stream, Add	*31.17*	
23 33 13 16-0145	EA	56" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	313.64	58.85
		For Spring Activated Horizontal Mount Operation, Add	*30.81*	
		For Dynamic Damper, Add	*73.95*	
		For 3 Hour Rated, Add	*41.08*	
		For Cap Of Damper Blades Outside Air Stream, Add	*34.24*	
23 33 13 16-0146	EA	56" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	339.47	63.34
		For Spring Activated Horizontal Mount Operation, Add	*33.57*	
		For Dynamic Damper, Add	*80.56*	
		For 3 Hour Rated, Add	*44.75*	
		For Cap Of Damper Blades Outside Air Stream, Add	*37.30*	
23 33 13 16-0147	EA	56" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	365.31	67.97
		For Spring Activated Horizontal Mount Operation, Add	*36.32*	
		For Dynamic Damper, Add	*87.17*	
		For 3 Hour Rated, Add	*48.43*	
		For Cap Of Damper Blades Outside Air Stream, Add	*40.36*	
23 33 13 16-0148	EA	56" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	391.15	72.45
		For Spring Activated Horizontal Mount Operation, Add	*39.08*	
		For Dynamic Damper, Add	*93.78*	
		For 3 Hour Rated, Add	*52.10*	
		For Cap Of Damper Blades Outside Air Stream, Add	*43.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0149	EA	56" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	431.45	76.93
		For Spring Activated Horizontal Mount Operation, Add	*45.09*	
		For Dynamic Damper, Add	*108.21*	
		For 3 Hour Rated, Add	*60.11*	
		For Cap Of Damper Blades Outside Air Stream, Add	*50.10*	
23 33 13 16-0150	EA	56" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	464.98	79.24
		For Spring Activated Horizontal Mount Operation, Add	*51.10*	
		For Dynamic Damper, Add	*122.64*	
		For 3 Hour Rated, Add	*68.13*	
		For Cap Of Damper Blades Outside Air Stream, Add	*56.78*	
23 33 13 16-0151	EA	56" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	496.26	81.41
		For Spring Activated Horizontal Mount Operation, Add	*56.61*	
		For Dynamic Damper, Add	*135.86*	
		For 3 Hour Rated, Add	*75.48*	
		For Cap Of Damper Blades Outside Air Stream, Add	*62.90*	
23 33 13 16-0152	EA	56" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	541.03	86.04
		For Spring Activated Horizontal Mount Operation, Add	*63.62*	
		For Dynamic Damper, Add	*152.70*	
		For 3 Hour Rated, Add	*84.83*	
		For Cap Of Damper Blades Outside Air Stream, Add	*70.69*	
23 33 13 16-0153	EA	56" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	581.32	90.53
		For Spring Activated Horizontal Mount Operation, Add	*69.63*	
		For Dynamic Damper, Add	*167.12*	
		For 3 Hour Rated, Add	*92.84*	
		For Cap Of Damper Blades Outside Air Stream, Add	*77.37*	
23 33 13 16-0154	EA	56" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	623.87	95.01
		For Spring Activated Horizontal Mount Operation, Add	*76.15*	
		For Dynamic Damper, Add	*182.75*	
		For 3 Hour Rated, Add	*101.53*	
		For Cap Of Damper Blades Outside Air Stream, Add	*84.61*	
23 33 13 16-0155	EA	56" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	659.73	99.63
		For Spring Activated Horizontal Mount Operation, Add	*81.16*	
		For Dynamic Damper, Add	*194.78*	
		For 3 Hour Rated, Add	*108.21*	
		For Cap Of Damper Blades Outside Air Stream, Add	*90.18*	
23 33 13 16-0156	EA	56" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	702.26	104.12
		For Spring Activated Horizontal Mount Operation, Add	*87.67*	
		For Dynamic Damper, Add	*210.41*	
		For 3 Hour Rated, Add	*116.89*	
		For Cap Of Damper Blades Outside Air Stream, Add	*97.41*	
23 33 13 16-0157	EA	56" x 56" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	744.80	108.60
		For Spring Activated Horizontal Mount Operation, Add	*94.18*	
		For Dynamic Damper, Add	*226.03*	
		For 3 Hour Rated, Add	*125.57*	
		For Cap Of Damper Blades Outside Air Stream, Add	*104.65*	
23 33 13 16-0158	EA	60" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	247.25	45.26
		For Spring Activated Horizontal Mount Operation, Add	*25.05*	
		For Dynamic Damper, Add	*60.12*	
		For 3 Hour Rated, Add	*33.40*	
		For Cap Of Damper Blades Outside Air Stream, Add	*27.83*	
23 33 13 16-0159	EA	60" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	271.99	49.75
		For Spring Activated Horizontal Mount Operation, Add	*27.56*	
		For Dynamic Damper, Add	*66.13*	
		For 3 Hour Rated, Add	*36.74*	
		For Cap Of Damper Blades Outside Air Stream, Add	*30.62*	
23 33 13 16-0160	EA	60" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	290.02	54.37
		For Spring Activated Horizontal Mount Operation, Add	*28.55*	
		For Dynamic Damper, Add	*68.53*	
		For 3 Hour Rated, Add	*38.07*	
		For Cap Of Damper Blades Outside Air Stream, Add	*31.73*	
23 33 13 16-0161	EA	60" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	305.84	58.85
		For Spring Activated Horizontal Mount Operation, Add	*29.06*	
		For Dynamic Damper, Add	*69.74*	
		For 3 Hour Rated, Add	*38.74*	
		For Cap Of Damper Blades Outside Air Stream, Add	*32.29*	
23 33 13 16-0162	EA	60" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	332.80	63.34
		For Spring Activated Horizontal Mount Operation, Add	*32.06*	
		For Dynamic Damper, Add	*76.96*	
		For 3 Hour Rated, Add	*42.75*	
		For Cap Of Damper Blades Outside Air Stream, Add	*35.63*	
23 33 13 16-0163	EA	60" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	359.75	67.97
		For Spring Activated Horizontal Mount Operation, Add	*35.07*	
		For Dynamic Damper, Add	*84.16*	
		For 3 Hour Rated, Add	*46.76*	
		For Cap Of Damper Blades Outside Air Stream, Add	*38.97*	
23 33 13 16-0164	EA	60" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	387.81	72.45
		For Spring Activated Horizontal Mount Operation, Add	*38.32*	
		For Dynamic Damper, Add	*91.98*	
		For 3 Hour Rated, Add	*51.10*	
		For Cap Of Damper Blades Outside Air Stream, Add	*42.58*	
23 33 13 16-0165	EA	60" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	415.87	76.93
		For Spring Activated Horizontal Mount Operation, Add	*41.58*	
		For Dynamic Damper, Add	*99.79*	
		For 3 Hour Rated, Add	*55.44*	
		For Cap Of Damper Blades Outside Air Stream, Add	*46.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0166	EA	60" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	451.61	79.24
		For Spring Activated Horizontal Mount Operation, Add	*48.09*	
		For Dynamic Damper, Add	*115.42*	
		For 3 Hour Rated, Add	*64.12*	
		For Cap Of Damper Blades Outside Air Stream, Add	*53.44*	
23 33 13 16-0167	EA	60" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	485.13	81.41
		For Spring Activated Horizontal Mount Operation, Add	*54.10*	
		For Dynamic Damper, Add	*129.85*	
		For 3 Hour Rated, Add	*72.14*	
		For Cap Of Damper Blades Outside Air Stream, Add	*60.12*	
23 33 13 16-0168	EA	60" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	527.68	86.04
		For Spring Activated Horizontal Mount Operation, Add	*60.62*	
		For Dynamic Damper, Add	*145.49*	
		For 3 Hour Rated, Add	*80.83*	
		For Cap Of Damper Blades Outside Air Stream, Add	*67.36*	
23 33 13 16-0169	EA	60" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	570.20	90.53
		For Spring Activated Horizontal Mount Operation, Add	*67.13*	
		For Dynamic Damper, Add	*161.11*	
		For 3 Hour Rated, Add	*89.51*	
		For Cap Of Damper Blades Outside Air Stream, Add	*74.59*	
23 33 13 16-0170	EA	60" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	606.06	95.01
		For Spring Activated Horizontal Mount Operation, Add	*72.14*	
		For Dynamic Damper, Add	*173.13*	
		For 3 Hour Rated, Add	*96.19*	
		For Cap Of Damper Blades Outside Air Stream, Add	*80.16*	
23 33 13 16-0171	EA	60" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	655.27	99.63
		For Spring Activated Horizontal Mount Operation, Add	*80.15*	
		For Dynamic Damper, Add	*192.37*	
		For 3 Hour Rated, Add	*106.87*	
		For Cap Of Damper Blades Outside Air Stream, Add	*89.06*	
23 33 13 16-0172	EA	60" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	700.03	104.12
		For Spring Activated Horizontal Mount Operation, Add	*87.17*	
		For Dynamic Damper, Add	*209.20*	
		For 3 Hour Rated, Add	*116.22*	
		For Cap Of Damper Blades Outside Air Stream, Add	*96.85*	
23 33 13 16-0173	EA	60" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	744.80	108.60
		For Spring Activated Horizontal Mount Operation, Add	*94.18*	
		For Dynamic Damper, Add	*226.03*	
		For 3 Hour Rated, Add	*125.57*	
		For Cap Of Damper Blades Outside Air Stream, Add	*104.65*	
23 33 13 16-0174	EA	60" x 56" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	785.09	113.22
		For Spring Activated Horizontal Mount Operation, Add	*100.19*	
		For Dynamic Damper, Add	*240.45*	
		For 3 Hour Rated, Add	*133.58*	
		For Cap Of Damper Blades Outside Air Stream, Add	*111.32*	
23 33 13 16-0175	EA	60" x 60" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	825.43	117.71
		For Spring Activated Horizontal Mount Operation, Add	*106.21*	
		For Dynamic Damper, Add	*254.90*	
		For 3 Hour Rated, Add	*141.61*	
		For Cap Of Damper Blades Outside Air Stream, Add	*118.01*	

23 33 13 16-0176 Parallel Blade Louver Fire Damper *(23 33 13 16)*

Note: UL listed. 22 gauge galvanized steel construction with fusible link 160 F spring actuated 1-1/2 hour fire rating.

23 33 13 16-0177	EA	6" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	109.77	15.09
		For Spring Activated Horizontal Mount Operation, Add	*14.51*	
		For Dynamic Damper, Add	*34.84*	
		For 3 Hour Rated, Add	*19.35*	
23 33 13 16-0178	EA	8" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	114.58	15.77
		For Spring Activated Horizontal Mount Operation, Add	*15.14*	
		For Dynamic Damper, Add	*36.33*	
		For 3 Hour Rated, Add	*20.18*	
23 33 13 16-0179	EA	8" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	117.64	15.90
		For Spring Activated Horizontal Mount Operation, Add	*15.76*	
		For Dynamic Damper, Add	*37.83*	
		For 3 Hour Rated, Add	*21.02*	
23 33 13 16-0180	EA	10" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	117.64	15.90
		For Spring Activated Horizontal Mount Operation, Add	*15.76*	
		For Dynamic Damper, Add	*37.83*	
		For 3 Hour Rated, Add	*21.02*	
23 33 13 16-0181	EA	10" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	121.79	16.32
		For Spring Activated Horizontal Mount Operation, Add	*16.39*	
		For Dynamic Damper, Add	*39.34*	
		For 3 Hour Rated, Add	*21.86*	
23 33 13 16-0182	EA	10" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	132.77	18.08
		For Spring Activated Horizontal Mount Operation, Add	*17.64*	
		For Dynamic Damper, Add	*42.34*	
		For 3 Hour Rated, Add	*23.52*	
23 33 13 16-0183	EA	12" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	121.79	16.32
		For Spring Activated Horizontal Mount Operation, Add	*16.39*	
		For Dynamic Damper, Add	*39.34*	
		For 3 Hour Rated, Add	*21.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0184	EA	12" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	130.05	17.26
		For Spring Activated Horizontal Mount Operation, Add	*17.64*	
		For Dynamic Damper, Add	*42.34*	
		For 3 Hour Rated, Add	*23.52*	
23 33 13 16-0185	EA	12" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	135.57	18.08
		For Spring Activated Horizontal Mount Operation, Add	*18.27*	
		For Dynamic Damper, Add	*43.85*	
		For 3 Hour Rated, Add	*24.36*	
23 33 13 16-0186	EA	12" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	145.16	20.39
		For Spring Activated Horizontal Mount Operation, Add	*18.90*	
		For Dynamic Damper, Add	*45.35*	
		For 3 Hour Rated, Add	*25.20*	
23 33 13 16-0187	EA	14" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	128.68	17.26
		For Spring Activated Horizontal Mount Operation, Add	*17.33*	
		For Dynamic Damper, Add	*41.60*	
		For 3 Hour Rated, Add	*23.11*	
23 33 13 16-0188	EA	14" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	135.57	18.08
		For Spring Activated Horizontal Mount Operation, Add	*18.27*	
		For Dynamic Damper, Add	*43.85*	
		For 3 Hour Rated, Add	*24.36*	
23 33 13 16-0189	EA	14" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	141.08	19.03
		For Spring Activated Horizontal Mount Operation, Add	*18.90*	
		For Dynamic Damper, Add	*45.35*	
		For 3 Hour Rated, Add	*25.20*	
23 33 13 16-0190	EA	14" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	147.93	20.39
		For Spring Activated Horizontal Mount Operation, Add	*19.52*	
		For Dynamic Damper, Add	*46.85*	
		For 3 Hour Rated, Add	*26.03*	
23 33 13 16-0191	EA	14" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	161.70	22.70
		For Spring Activated Horizontal Mount Operation, Add	*21.09*	
		For Dynamic Damper, Add	*50.61*	
		For 3 Hour Rated, Add	*28.12*	
23 33 13 16-0192	EA	16" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	167.78	18.08
		For Spring Activated Horizontal Mount Operation, Add	*25.52*	
		For Dynamic Damper, Add	*61.24*	
		For 3 Hour Rated, Add	*34.02*	
23 33 13 16-0193	EA	16" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	174.98	19.43
		For Spring Activated Horizontal Mount Operation, Add	*26.22*	
		For Dynamic Damper, Add	*62.93*	
		For 3 Hour Rated, Add	*34.96*	
23 33 13 16-0194	EA	16" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	183.54	21.34
		For Spring Activated Horizontal Mount Operation, Add	*26.92*	
		For Dynamic Damper, Add	*64.62*	
		For 3 Hour Rated, Add	*35.90*	
23 33 13 16-0195	EA	16" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	190.73	22.70
		For Spring Activated Horizontal Mount Operation, Add	*27.62*	
		For Dynamic Damper, Add	*66.29*	
		For 3 Hour Rated, Add	*36.83*	
23 33 13 16-0196	EA	16" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	205.33	24.87
		For Spring Activated Horizontal Mount Operation, Add	*29.38*	
		For Dynamic Damper, Add	*70.51*	
		For 3 Hour Rated, Add	*39.17*	
23 33 13 16-0197	EA	16" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	219.93	27.19
		For Spring Activated Horizontal Mount Operation, Add	*31.13*	
		For Dynamic Damper, Add	*74.72*	
		For 3 Hour Rated, Add	*41.51*	
23 33 13 16-0198	EA	18" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	173.62	19.03
		For Spring Activated Horizontal Mount Operation, Add	*26.22*	
		For Dynamic Damper, Add	*62.93*	
		For 3 Hour Rated, Add	*34.96*	
23 33 13 16-0199	EA	18" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	182.38	20.39
		For Spring Activated Horizontal Mount Operation, Add	*27.27*	
		For Dynamic Damper, Add	*65.45*	
		For 3 Hour Rated, Add	*36.36*	
23 33 13 16-0200	EA	18" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	193.88	22.70
		For Spring Activated Horizontal Mount Operation, Add	*28.33*	
		For Dynamic Damper, Add	*67.99*	
		For 3 Hour Rated, Add	*37.77*	
23 33 13 16-0201	EA	18" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	208.45	24.87
		For Spring Activated Horizontal Mount Operation, Add	*30.08*	
		For Dynamic Damper, Add	*72.19*	
		For 3 Hour Rated, Add	*40.11*	
23 33 13 16-0202	EA	18" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	221.48	27.19
		For Spring Activated Horizontal Mount Operation, Add	*31.48*	
		For Dynamic Damper, Add	*75.56*	
		For 3 Hour Rated, Add	*41.98*	
23 33 13 16-0203	EA	18" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	236.07	29.36
		For Spring Activated Horizontal Mount Operation, Add	*33.24*	
		For Dynamic Damper, Add	*79.77*	
		For 3 Hour Rated, Add	*44.32*	
23 33 13 16-0204	EA	18" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	247.52	31.67
		For Spring Activated Horizontal Mount Operation, Add	*34.29*	
		For Dynamic Damper, Add	*82.29*	
		For 3 Hour Rated, Add	*45.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0205	EA	20" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	180.83	20.39
		For Spring Activated Horizontal Mount Operation, Add	*26.92*	
		For Dynamic Damper, Add	*64.62*	
		For 3 Hour Rated, Add	*35.90*	
23 33 13 16-0206	EA	20" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	193.84	22.70
		For Spring Activated Horizontal Mount Operation, Add	*28.32*	
		For Dynamic Damper, Add	*67.97*	
		For 3 Hour Rated, Add	*37.76*	
23 33 13 16-0207	EA	20" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	206.88	24.87
		For Spring Activated Horizontal Mount Operation, Add	*29.73*	
		For Dynamic Damper, Add	*71.34*	
		For 3 Hour Rated, Add	*39.64*	
23 33 13 16-0208	EA	20" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	226.18	27.19
		For Spring Activated Horizontal Mount Operation, Add	*32.54*	
		For Dynamic Damper, Add	*78.09*	
		For 3 Hour Rated, Add	*43.39*	
23 33 13 16-0209	EA	20" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	237.63	29.36
		For Spring Activated Horizontal Mount Operation, Add	*33.59*	
		For Dynamic Damper, Add	*80.61*	
		For 3 Hour Rated, Add	*44.78*	
23 33 13 16-0210	EA	20" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	249.09	31.67
		For Spring Activated Horizontal Mount Operation, Add	*34.64*	
		For Dynamic Damper, Add	*83.13*	
		For 3 Hour Rated, Add	*46.19*	
23 33 13 16-0211	EA	20" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	262.12	33.98
		For Spring Activated Horizontal Mount Operation, Add	*36.04*	
		For Dynamic Damper, Add	*86.50*	
		For 3 Hour Rated, Add	*48.05*	
23 33 13 16-0212	EA	20" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	275.14	36.16
		For Spring Activated Horizontal Mount Operation, Add	*37.44*	
		For Dynamic Damper, Add	*89.86*	
		For 3 Hour Rated, Add	*49.92*	
23 33 13 16-0213	EA	24" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	222.51	22.70
		For Spring Activated Horizontal Mount Operation, Add	*34.77*	
		For Dynamic Damper, Add	*83.45*	
		For 3 Hour Rated, Add	*46.36*	
23 33 13 16-0214	EA	24" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	238.67	24.87
		For Spring Activated Horizontal Mount Operation, Add	*36.88*	
		For Dynamic Damper, Add	*88.51*	
		For 3 Hour Rated, Add	*49.17*	
23 33 13 16-0215	EA	24" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	251.72	27.19
		For Spring Activated Horizontal Mount Operation, Add	*38.29*	
		For Dynamic Damper, Add	*91.89*	
		For 3 Hour Rated, Add	*51.05*	
23 33 13 16-0216	EA	24" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	267.84	29.36
		For Spring Activated Horizontal Mount Operation, Add	*40.39*	
		For Dynamic Damper, Add	*96.92*	
		For 3 Hour Rated, Add	*53.85*	
23 33 13 16-0217	EA	24" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	279.31	31.67
		For Spring Activated Horizontal Mount Operation, Add	*41.44*	
		For Dynamic Damper, Add	*99.45*	
		For 3 Hour Rated, Add	*55.25*	
23 33 13 16-0218	EA	24" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	290.78	33.98
		For Spring Activated Horizontal Mount Operation, Add	*42.49*	
		For Dynamic Damper, Add	*101.97*	
		For 3 Hour Rated, Add	*56.65*	
23 33 13 16-0219	EA	24" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	306.92	36.16
		For Spring Activated Horizontal Mount Operation, Add	*44.59*	
		For Dynamic Damper, Add	*107.02*	
		For 3 Hour Rated, Add	*59.45*	
23 33 13 16-0220	EA	24" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	329.86	40.78
		For Spring Activated Horizontal Mount Operation, Add	*46.69*	
		For Dynamic Damper, Add	*112.07*	
		For 3 Hour Rated, Add	*62.26*	
23 33 13 16-0221	EA	24" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	355.93	45.26
		For Spring Activated Horizontal Mount Operation, Add	*49.50*	
		For Dynamic Damper, Add	*118.81*	
		For 3 Hour Rated, Add	*66.00*	
23 33 13 16-0222	EA	28" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	238.67	24.87
		For Spring Activated Horizontal Mount Operation, Add	*36.88*	
		For Dynamic Damper, Add	*88.51*	
		For 3 Hour Rated, Add	*49.17*	
23 33 13 16-0223	EA	28" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	251.72	27.19
		For Spring Activated Horizontal Mount Operation, Add	*38.29*	
		For Dynamic Damper, Add	*91.89*	
		For 3 Hour Rated, Add	*51.05*	
23 33 13 16-0224	EA	28" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	267.84	29.36
		For Spring Activated Horizontal Mount Operation, Add	*40.39*	
		For Dynamic Damper, Add	*96.92*	
		For 3 Hour Rated, Add	*53.85*	
23 33 13 16-0225	EA	28" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	280.86	31.67
		For Spring Activated Horizontal Mount Operation, Add	*41.79*	
		For Dynamic Damper, Add	*100.29*	
		For 3 Hour Rated, Add	*55.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0226	EA	28" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	295.46	33.98
		For Spring Activated Horizontal Mount Operation, Add	*43.54*	
		For Dynamic Damper, Add	*104.50*	
		For 3 Hour Rated, Add	*58.06*	
23 33 13 16-0227	EA	28" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	310.02	36.16
		For Spring Activated Horizontal Mount Operation, Add	*45.29*	
		For Dynamic Damper, Add	*108.69*	
		For 3 Hour Rated, Add	*60.38*	
23 33 13 16-0228	EA	28" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	332.98	40.78
		For Spring Activated Horizontal Mount Operation, Add	*47.40*	
		For Dynamic Damper, Add	*113.75*	
		For 3 Hour Rated, Add	*63.20*	
23 33 13 16-0229	EA	28" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	355.93	45.26
		For Spring Activated Horizontal Mount Operation, Add	*49.50*	
		For Dynamic Damper, Add	*118.81*	
		For 3 Hour Rated, Add	*66.00*	
23 33 13 16-0230	EA	28" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	381.42	47.58
		For Spring Activated Horizontal Mount Operation, Add	*53.71*	
		For Dynamic Damper, Add	*128.90*	
		For 3 Hour Rated, Add	*71.61*	
23 33 13 16-0231	EA	28" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	410.61	52.06
		For Spring Activated Horizontal Mount Operation, Add	*57.22*	
		For Dynamic Damper, Add	*137.32*	
		For 3 Hour Rated, Add	*76.29*	
23 33 13 16-0232	EA	32" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	261.05	27.19
		For Spring Activated Horizontal Mount Operation, Add	*40.39*	
		For Dynamic Damper, Add	*96.92*	
		For 3 Hour Rated, Add	*53.85*	
23 33 13 16-0233	EA	32" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	270.94	29.36
		For Spring Activated Horizontal Mount Operation, Add	*41.08*	
		For Dynamic Damper, Add	*98.60*	
		For 3 Hour Rated, Add	*54.78*	
23 33 13 16-0234	EA	32" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	280.86	31.67
		For Spring Activated Horizontal Mount Operation, Add	*41.79*	
		For Dynamic Damper, Add	*100.29*	
		For 3 Hour Rated, Add	*55.72*	
23 33 13 16-0235	EA	32" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	293.87	33.98
		For Spring Activated Horizontal Mount Operation, Add	*43.18*	
		For Dynamic Damper, Add	*103.64*	
		For 3 Hour Rated, Add	*57.58*	
23 33 13 16-0236	EA	32" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	310.62	36.16
		For Spring Activated Horizontal Mount Operation, Add	*45.42*	
		For Dynamic Damper, Add	*109.02*	
		For 3 Hour Rated, Add	*60.56*	
23 33 13 16-0237	EA	32" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	332.98	40.78
		For Spring Activated Horizontal Mount Operation, Add	*47.40*	
		For Dynamic Damper, Add	*113.75*	
		For 3 Hour Rated, Add	*63.20*	
23 33 13 16-0238	EA	32" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	359.06	45.26
		For Spring Activated Horizontal Mount Operation, Add	*50.21*	
		For Dynamic Damper, Add	*120.50*	
		For 3 Hour Rated, Add	*66.94*	
23 33 13 16-0239	EA	32" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	385.13	49.75
		For Spring Activated Horizontal Mount Operation, Add	*53.01*	
		For Dynamic Damper, Add	*127.23*	
		For 3 Hour Rated, Add	*70.68*	
23 33 13 16-0240	EA	32" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	410.61	52.06
		For Spring Activated Horizontal Mount Operation, Add	*57.22*	
		For Dynamic Damper, Add	*137.32*	
		For 3 Hour Rated, Add	*76.29*	
23 33 13 16-0241	EA	32" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	443.31	55.72
		For Spring Activated Horizontal Mount Operation, Add	*62.13*	
		For Dynamic Damper, Add	*149.11*	
		For 3 Hour Rated, Add	*82.84*	
23 33 13 16-0242	EA	32" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	477.75	58.85
		For Spring Activated Horizontal Mount Operation, Add	*67.74*	
		For Dynamic Damper, Add	*162.57*	
		For 3 Hour Rated, Add	*90.32*	
23 33 13 16-0243	EA	36" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	293.22	29.36
		For Spring Activated Horizontal Mount Operation, Add	*46.10*	
		For Dynamic Damper, Add	*110.63*	
		For 3 Hour Rated, Add	*61.46*	
23 33 13 16-0244	EA	36" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	307.11	31.67
		For Spring Activated Horizontal Mount Operation, Add	*47.69*	
		For Dynamic Damper, Add	*114.46*	
		For 3 Hour Rated, Add	*63.59*	
23 33 13 16-0245	EA	36" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	321.03	33.98
		For Spring Activated Horizontal Mount Operation, Add	*49.30*	
		For Dynamic Damper, Add	*118.31*	
		For 3 Hour Rated, Add	*65.73*	
23 33 13 16-0246	EA	36" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	338.54	36.16
		For Spring Activated Horizontal Mount Operation, Add	*51.71*	
		For Dynamic Damper, Add	*124.09*	
		For 3 Hour Rated, Add	*68.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0247	EA	36" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	357.49	40.78
		For Spring Activated Horizontal Mount Operation, Add	*52.91*	
		For Dynamic Damper, Add	*126.99*	
		For 3 Hour Rated, Add	*70.55*	
23 33 13 16-0248	EA	36" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	369.64	42.95
		For Spring Activated Horizontal Mount Operation, Add	*54.11*	
		For Dynamic Damper, Add	*129.88*	
		For 3 Hour Rated, Add	*72.15*	
23 33 13 16-0249	EA	36" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	407.84	49.75
		For Spring Activated Horizontal Mount Operation, Add	*58.12*	
		For Dynamic Damper, Add	*139.49*	
		For 3 Hour Rated, Add	*77.50*	
23 33 13 16-0250	EA	36" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	439.22	54.37
		For Spring Activated Horizontal Mount Operation, Add	*62.12*	
		For Dynamic Damper, Add	*149.10*	
		For 3 Hour Rated, Add	*82.83*	
23 33 13 16-0251	EA	36" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	466.04	56.14
		For Spring Activated Horizontal Mount Operation, Add	*66.94*	
		For Dynamic Damper, Add	*160.65*	
		For 3 Hour Rated, Add	*89.25*	
23 33 13 16-0252	EA	36" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	506.76	60.21
		For Spring Activated Horizontal Mount Operation, Add	*73.35*	
		For Dynamic Damper, Add	*176.03*	
		For 3 Hour Rated, Add	*97.79*	
23 33 13 16-0253	EA	36" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	541.20	63.34
		For Spring Activated Horizontal Mount Operation, Add	*78.95*	
		For Dynamic Damper, Add	*189.49*	
		For 3 Hour Rated, Add	*105.27*	
23 33 13 16-0254	EA	36" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	576.50	65.65
		For Spring Activated Horizontal Mount Operation, Add	*85.37*	
		For Dynamic Damper, Add	*204.88*	
		For 3 Hour Rated, Add	*113.82*	
23 33 13 16-0255	EA	40" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	329.09	33.98
		For Spring Activated Horizontal Mount Operation, Add	*52.64*	
		For Dynamic Damper, Add	*126.33*	
		For 3 Hour Rated, Add	*70.19*	
23 33 13 16-0256	EA	40" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	350.14	36.16
		For Spring Activated Horizontal Mount Operation, Add	*55.85*	
		For Dynamic Damper, Add	*134.03*	
		For 3 Hour Rated, Add	*74.46*	
23 33 13 16-0257	EA	40" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	360.50	38.46
		For Spring Activated Horizontal Mount Operation, Add	*56.65*	
		For Dynamic Damper, Add	*135.95*	
		For 3 Hour Rated, Add	*75.53*	
23 33 13 16-0258	EA	40" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	370.87	40.78
		For Spring Activated Horizontal Mount Operation, Add	*57.45*	
		For Dynamic Damper, Add	*137.88*	
		For 3 Hour Rated, Add	*76.60*	
23 33 13 16-0259	EA	40" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	396.95	42.95
		For Spring Activated Horizontal Mount Operation, Add	*60.26*	
		For Dynamic Damper, Add	*144.62*	
		For 3 Hour Rated, Add	*80.35*	
23 33 13 16-0260	EA	40" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	416.20	45.26
		For Spring Activated Horizontal Mount Operation, Add	*63.06*	
		For Dynamic Damper, Add	*151.35*	
		For 3 Hour Rated, Add	*84.08*	
23 33 13 16-0261	EA	40" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	450.84	52.06
		For Spring Activated Horizontal Mount Operation, Add	*66.27*	
		For Dynamic Damper, Add	*159.05*	
		For 3 Hour Rated, Add	*88.36*	
23 33 13 16-0262	EA	40" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	478.69	56.54
		For Spring Activated Horizontal Mount Operation, Add	*69.48*	
		For Dynamic Damper, Add	*166.74*	
		For 3 Hour Rated, Add	*92.63*	
23 33 13 16-0263	EA	40" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	510.95	60.21
		For Spring Activated Horizontal Mount Operation, Add	*74.29*	
		For Dynamic Damper, Add	*178.29*	
		For 3 Hour Rated, Add	*99.05*	
23 33 13 16-0264	EA	40" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	559.63	63.34
		For Spring Activated Horizontal Mount Operation, Add	*83.10*	
		For Dynamic Damper, Add	*199.44*	
		For 3 Hour Rated, Add	*110.80*	
23 33 13 16-0265	EA	40" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	591.87	67.01
		For Spring Activated Horizontal Mount Operation, Add	*87.91*	
		For Dynamic Damper, Add	*210.98*	
		For 3 Hour Rated, Add	*117.21*	
23 33 13 16-0266	EA	40" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	636.51	68.78
		For Spring Activated Horizontal Mount Operation, Add	*96.73*	
		For Dynamic Damper, Add	*232.15*	
		For 3 Hour Rated, Add	*128.97*	
23 33 13 16-0267	EA	40" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	683.00	72.45
		For Spring Activated Horizontal Mount Operation, Add	*104.74*	
		For Dynamic Damper, Add	*251.38*	
		For 3 Hour Rated, Add	*139.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0268	EA	44" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	343.03	33.98
		For Spring Activated Horizontal Mount Operation, Add	*54.25*	
		For Dynamic Damper, Add	*130.19*	
		For 3 Hour Rated, Add	*72.33*	
23 33 13 16-0269	EA	44" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	364.08	36.16
		For Spring Activated Horizontal Mount Operation, Add	*57.45*	
		For Dynamic Damper, Add	*137.88*	
		For 3 Hour Rated, Add	*76.60*	
23 33 13 16-0270	EA	44" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	381.58	38.46
		For Spring Activated Horizontal Mount Operation, Add	*59.86*	
		For Dynamic Damper, Add	*143.67*	
		For 3 Hour Rated, Add	*79.82*	
23 33 13 16-0271	EA	44" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	391.94	40.78
		For Spring Activated Horizontal Mount Operation, Add	*60.66*	
		For Dynamic Damper, Add	*145.59*	
		For 3 Hour Rated, Add	*80.88*	
23 33 13 16-0272	EA	44" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	412.99	42.95
		For Spring Activated Horizontal Mount Operation, Add	*63.87*	
		For Dynamic Damper, Add	*153.28*	
		For 3 Hour Rated, Add	*85.16*	
23 33 13 16-0273	EA	44" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	434.03	45.26
		For Spring Activated Horizontal Mount Operation, Add	*67.07*	
		For Dynamic Damper, Add	*160.98*	
		For 3 Hour Rated, Add	*89.43*	
23 33 13 16-0274	EA	44" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	479.03	54.37
		For Spring Activated Horizontal Mount Operation, Add	*71.08*	
		For Dynamic Damper, Add	*170.60*	
		For 3 Hour Rated, Add	*94.78*	
23 33 13 16-0275	EA	44" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	510.41	58.85
		For Spring Activated Horizontal Mount Operation, Add	*75.08*	
		For Dynamic Damper, Add	*180.20*	
		For 3 Hour Rated, Add	*100.11*	
23 33 13 16-0276	EA	44" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	559.63	63.34
		For Spring Activated Horizontal Mount Operation, Add	*83.10*	
		For Dynamic Damper, Add	*199.44*	
		For 3 Hour Rated, Add	*110.80*	
23 33 13 16-0277	EA	44" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	605.29	67.97
		For Spring Activated Horizontal Mount Operation, Add	*90.32*	
		For Dynamic Damper, Add	*216.76*	
		For 3 Hour Rated, Add	*120.42*	
23 33 13 16-0278	EA	44" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	654.49	72.45
		For Spring Activated Horizontal Mount Operation, Add	*98.33*	
		For Dynamic Damper, Add	*235.99*	
		For 3 Hour Rated, Add	*131.10*	
23 33 13 16-0279	EA	44" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	693.35	74.62
		For Spring Activated Horizontal Mount Operation, Add	*105.54*	
		For Dynamic Damper, Add	*253.30*	
		For 3 Hour Rated, Add	*140.72*	
23 33 13 16-0280	EA	44" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	732.21	76.93
		For Spring Activated Horizontal Mount Operation, Add	*112.76*	
		For Dynamic Damper, Add	*270.62*	
		For 3 Hour Rated, Add	*150.34*	
23 33 13 16-0281	EA	44" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	771.09	79.24
		For Spring Activated Horizontal Mount Operation, Add	*119.97*	
		For Dynamic Damper, Add	*287.94*	
		For 3 Hour Rated, Add	*159.97*	
23 33 13 16-0282	EA	48" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	360.50	36.16
		For Spring Activated Horizontal Mount Operation, Add	*56.65*	
		For Dynamic Damper, Add	*135.95*	
		For 3 Hour Rated, Add	*75.53*	
23 33 13 16-0283	EA	48" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	381.58	38.46
		For Spring Activated Horizontal Mount Operation, Add	*59.86*	
		For Dynamic Damper, Add	*143.67*	
		For 3 Hour Rated, Add	*79.82*	
23 33 13 16-0284	EA	48" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	391.94	40.78
		For Spring Activated Horizontal Mount Operation, Add	*60.66*	
		For Dynamic Damper, Add	*145.59*	
		For 3 Hour Rated, Add	*80.88*	
23 33 13 16-0285	EA	48" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	416.20	45.26
		For Spring Activated Horizontal Mount Operation, Add	*63.06*	
		For Dynamic Damper, Add	*151.35*	
		For 3 Hour Rated, Add	*84.08*	
23 33 13 16-0286	EA	48" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	444.05	49.75
		For Spring Activated Horizontal Mount Operation, Add	*66.27*	
		For Dynamic Damper, Add	*159.05*	
		For 3 Hour Rated, Add	*88.36*	
23 33 13 16-0287	EA	48" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	471.89	54.37
		For Spring Activated Horizontal Mount Operation, Add	*69.48*	
		For Dynamic Damper, Add	*166.74*	
		For 3 Hour Rated, Add	*92.63*	
23 33 13 16-0288	EA	48" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	506.87	58.85
		For Spring Activated Horizontal Mount Operation, Add	*74.29*	
		For Dynamic Damper, Add	*178.29*	
		For 3 Hour Rated, Add	*99.05*	

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23 33 13 16-0289	EA	48" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	541.81	63.34
		For Spring Activated Horizontal Mount Operation, Add	*79.09*	
		For Dynamic Damper, Add	*189.82*	
		For 3 Hour Rated, Add	*105.46*	
23 33 13 16-0290	EA	48" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	587.49	67.97
		For Spring Activated Horizontal Mount Operation, Add	*86.31*	
		For Dynamic Damper, Add	*207.14*	
		For 3 Hour Rated, Add	*115.08*	
23 33 13 16-0291	EA	48" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	640.24	72.45
		For Spring Activated Horizontal Mount Operation, Add	*95.12*	
		For Dynamic Damper, Add	*228.29*	
		For 3 Hour Rated, Add	*126.83*	
23 33 13 16-0292	EA	48" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	679.13	74.62
		For Spring Activated Horizontal Mount Operation, Add	*102.34*	
		For Dynamic Damper, Add	*245.62*	
		For 3 Hour Rated, Add	*136.46*	
23 33 13 16-0293	EA	48" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	728.64	76.93
		For Spring Activated Horizontal Mount Operation, Add	*111.95*	
		For Dynamic Damper, Add	*268.69*	
		For 3 Hour Rated, Add	*149.27*	
23 33 13 16-0294	EA	48" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	774.33	81.41
		For Spring Activated Horizontal Mount Operation, Add	*119.17*	
		For Dynamic Damper, Add	*286.02*	
		For 3 Hour Rated, Add	*158.90*	
23 33 13 16-0295	EA	48" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	823.86	83.73
		For Spring Activated Horizontal Mount Operation, Add	*128.79*	
		For Dynamic Damper, Add	*309.10*	
		For 3 Hour Rated, Add	*171.72*	
23 33 13 16-0296	EA	48" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	872.74	90.53
		For Spring Activated Horizontal Mount Operation, Add	*135.20*	
		For Dynamic Damper, Add	*324.49*	
		For 3 Hour Rated, Add	*180.27*	
23 33 13 16-0297	EA	52" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	378.00	38.46
		For Spring Activated Horizontal Mount Operation, Add	*59.06*	
		For Dynamic Damper, Add	*141.73*	
		For 3 Hour Rated, Add	*78.74*	
23 33 13 16-0298	EA	52" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	399.05	40.78
		For Spring Activated Horizontal Mount Operation, Add	*62.26*	
		For Dynamic Damper, Add	*149.43*	
		For 3 Hour Rated, Add	*83.02*	
23 33 13 16-0299	EA	52" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	426.89	45.26
		For Spring Activated Horizontal Mount Operation, Add	*65.47*	
		For Dynamic Damper, Add	*157.12*	
		For 3 Hour Rated, Add	*87.29*	
23 33 13 16-0300	EA	52" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	444.05	49.75
		For Spring Activated Horizontal Mount Operation, Add	*66.27*	
		For Dynamic Damper, Add	*159.05*	
		For 3 Hour Rated, Add	*88.36*	
23 33 13 16-0301	EA	52" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	473.70	54.37
		For Spring Activated Horizontal Mount Operation, Add	*69.88*	
		For Dynamic Damper, Add	*167.72*	
		For 3 Hour Rated, Add	*93.18*	
23 33 13 16-0302	EA	52" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	503.29	58.85
		For Spring Activated Horizontal Mount Operation, Add	*73.48*	
		For Dynamic Damper, Add	*176.36*	
		For 3 Hour Rated, Add	*97.98*	
23 33 13 16-0303	EA	52" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	538.27	63.34
		For Spring Activated Horizontal Mount Operation, Add	*78.30*	
		For Dynamic Damper, Add	*187.91*	
		For 3 Hour Rated, Add	*104.39*	
23 33 13 16-0304	EA	52" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	573.23	67.97
		For Spring Activated Horizontal Mount Operation, Add	*83.10*	
		For Dynamic Damper, Add	*199.44*	
		For 3 Hour Rated, Add	*110.80*	
23 33 13 16-0305	EA	52" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	618.88	72.45
		For Spring Activated Horizontal Mount Operation, Add	*90.32*	
		For Dynamic Damper, Add	*216.76*	
		For 3 Hour Rated, Add	*120.42*	
23 33 13 16-0306	EA	52" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	675.21	76.93
		For Spring Activated Horizontal Mount Operation, Add	*99.93*	
		For Dynamic Damper, Add	*239.84*	
		For 3 Hour Rated, Add	*133.24*	
23 33 13 16-0307	EA	52" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	717.63	79.24
		For Spring Activated Horizontal Mount Operation, Add	*107.95*	
		For Dynamic Damper, Add	*259.07*	
		For 3 Hour Rated, Add	*143.93*	
23 33 13 16-0308	EA	52" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	770.76	81.41
		For Spring Activated Horizontal Mount Operation, Add	*118.37*	
		For Dynamic Damper, Add	*284.09*	
		For 3 Hour Rated, Add	*157.83*	
23 33 13 16-0309	EA	52" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	827.06	86.04
		For Spring Activated Horizontal Mount Operation, Add	*127.98*	
		For Dynamic Damper, Add	*307.15*	
		For 3 Hour Rated, Add	*170.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0310	EA	52" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	872.74	90.53
		For Spring Activated Horizontal Mount Operation, Add	*135.20*	
		For Dynamic Damper, Add	*324.49*	
		For 3 Hour Rated, Add	*180.27*	
23 33 13 16-0311	EA	52" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	935.86	97.32
		For Spring Activated Horizontal Mount Operation, Add	*144.82*	
		For Dynamic Damper, Add	*347.56*	
		For 3 Hour Rated, Add	*193.09*	
23 33 13 16-0312	EA	52" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	985.10	101.80
		For Spring Activated Horizontal Mount Operation, Add	*152.84*	
		For Dynamic Damper, Add	*366.81*	
		For 3 Hour Rated, Add	*203.78*	
23 33 13 16-0313	EA	56" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	391.94	40.78
		For Spring Activated Horizontal Mount Operation, Add	*60.66*	
		For Dynamic Damper, Add	*145.59*	
		For 3 Hour Rated, Add	*80.88*	
23 33 13 16-0314	EA	56" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	423.32	45.26
		For Spring Activated Horizontal Mount Operation, Add	*64.67*	
		For Dynamic Damper, Add	*155.20*	
		For 3 Hour Rated, Add	*86.22*	
23 33 13 16-0315	EA	56" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	447.63	49.75
		For Spring Activated Horizontal Mount Operation, Add	*67.07*	
		For Dynamic Damper, Add	*160.98*	
		For 3 Hour Rated, Add	*89.43*	
23 33 13 16-0316	EA	56" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	464.76	54.37
		For Spring Activated Horizontal Mount Operation, Add	*67.87*	
		For Dynamic Damper, Add	*162.89*	
		For 3 Hour Rated, Add	*90.50*	
23 33 13 16-0317	EA	56" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	497.96	58.85
		For Spring Activated Horizontal Mount Operation, Add	*72.28*	
		For Dynamic Damper, Add	*173.48*	
		For 3 Hour Rated, Add	*96.38*	
23 33 13 16-0318	EA	56" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	531.13	63.34
		For Spring Activated Horizontal Mount Operation, Add	*76.69*	
		For Dynamic Damper, Add	*184.05*	
		For 3 Hour Rated, Add	*102.25*	
23 33 13 16-0319	EA	56" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	564.33	67.97
		For Spring Activated Horizontal Mount Operation, Add	*81.10*	
		For Dynamic Damper, Add	*194.64*	
		For 3 Hour Rated, Add	*108.13*	
23 33 13 16-0320	EA	56" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	597.50	72.45
		For Spring Activated Horizontal Mount Operation, Add	*85.50*	
		For Dynamic Damper, Add	*205.21*	
		For 3 Hour Rated, Add	*114.01*	
23 33 13 16-0321	EA	56" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	653.83	76.93
		For Spring Activated Horizontal Mount Operation, Add	*95.12*	
		For Dynamic Damper, Add	*228.29*	
		For 3 Hour Rated, Add	*126.83*	
23 33 13 16-0322	EA	56" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	703.39	79.24
		For Spring Activated Horizontal Mount Operation, Add	*104.74*	
		For Dynamic Damper, Add	*251.38*	
		For 3 Hour Rated, Add	*139.66*	
23 33 13 16-0323	EA	56" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	749.37	81.41
		For Spring Activated Horizontal Mount Operation, Add	*113.56*	
		For Dynamic Damper, Add	*272.54*	
		For 3 Hour Rated, Add	*151.41*	
23 33 13 16-0324	EA	56" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	812.85	86.04
		For Spring Activated Horizontal Mount Operation, Add	*124.78*	
		For Dynamic Damper, Add	*299.48*	
		For 3 Hour Rated, Add	*166.38*	
23 33 13 16-0325	EA	56" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	869.16	90.53
		For Spring Activated Horizontal Mount Operation, Add	*134.40*	
		For Dynamic Damper, Add	*322.55*	
		For 3 Hour Rated, Add	*179.20*	
23 33 13 16-0326	EA	56" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	929.07	95.01
		For Spring Activated Horizontal Mount Operation, Add	*144.82*	
		For Dynamic Damper, Add	*347.56*	
		For 3 Hour Rated, Add	*193.09*	
23 33 13 16-0327	EA	56" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	978.30	99.63
		For Spring Activated Horizontal Mount Operation, Add	*152.84*	
		For Dynamic Damper, Add	*366.81*	
		For 3 Hour Rated, Add	*203.78*	
23 33 13 16-0328	EA	56" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,038.20	104.12
		For Spring Activated Horizontal Mount Operation, Add	*163.26*	
		For Dynamic Damper, Add	*391.81*	
		For 3 Hour Rated, Add	*217.67*	
23 33 13 16-0329	EA	56" x 56" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,098.11	108.60
		For Spring Activated Horizontal Mount Operation, Add	*173.68*	
		For Dynamic Damper, Add	*416.82*	
		For 3 Hour Rated, Add	*231.57*	
23 33 13 16-0330	EA	60" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	416.20	45.26
		For Spring Activated Horizontal Mount Operation, Add	*63.06*	
		For Dynamic Damper, Add	*151.35*	
		For 3 Hour Rated, Add	*84.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0331	EA	60" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	447.63	49.75
		For Spring Activated Horizontal Mount Operation, Add	*67.07*	
		For Dynamic Damper, Add	*160.98*	
		For 3 Hour Rated, Add	*89.43*	
23 33 13 16-0332	EA	60" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	468.32	54.37
		For Spring Activated Horizontal Mount Operation, Add	*68.67*	
		For Dynamic Damper, Add	*164.81*	
		For 3 Hour Rated, Add	*91.56*	
23 33 13 16-0333	EA	60" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	485.48	58.85
		For Spring Activated Horizontal Mount Operation, Add	*69.48*	
		For Dynamic Damper, Add	*166.74*	
		For 3 Hour Rated, Add	*92.63*	
23 33 13 16-0334	EA	60" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	520.46	63.34
		For Spring Activated Horizontal Mount Operation, Add	*74.29*	
		For Dynamic Damper, Add	*178.29*	
		For 3 Hour Rated, Add	*99.05*	
23 33 13 16-0335	EA	60" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	555.41	67.97
		For Spring Activated Horizontal Mount Operation, Add	*79.09*	
		For Dynamic Damper, Add	*189.82*	
		For 3 Hour Rated, Add	*105.46*	
23 33 13 16-0336	EA	60" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	592.15	72.45
		For Spring Activated Horizontal Mount Operation, Add	*84.30*	
		For Dynamic Damper, Add	*202.32*	
		For 3 Hour Rated, Add	*112.40*	
23 33 13 16-0337	EA	60" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	628.90	76.93
		For Spring Activated Horizontal Mount Operation, Add	*89.51*	
		For Dynamic Damper, Add	*214.83*	
		For 3 Hour Rated, Add	*119.35*	
23 33 13 16-0338	EA	60" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	682.01	79.24
		For Spring Activated Horizontal Mount Operation, Add	*99.93*	
		For Dynamic Damper, Add	*239.84*	
		For 3 Hour Rated, Add	*133.24*	
23 33 13 16-0339	EA	60" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	731.56	81.41
		For Spring Activated Horizontal Mount Operation, Add	*109.55*	
		For Dynamic Damper, Add	*262.92*	
		For 3 Hour Rated, Add	*146.07*	
23 33 13 16-0340	EA	60" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	791.48	86.04
		For Spring Activated Horizontal Mount Operation, Add	*119.97*	
		For Dynamic Damper, Add	*287.94*	
		For 3 Hour Rated, Add	*159.97*	
23 33 13 16-0341	EA	60" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	851.37	90.53
		For Spring Activated Horizontal Mount Operation, Add	*130.39*	
		For Dynamic Damper, Add	*312.95*	
		For 3 Hour Rated, Add	*173.86*	
23 33 13 16-0342	EA	60" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	900.59	95.01
		For Spring Activated Horizontal Mount Operation, Add	*138.41*	
		For Dynamic Damper, Add	*332.18*	
		For 3 Hour Rated, Add	*184.55*	
23 33 13 16-0343	EA	60" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	971.17	99.63
		For Spring Activated Horizontal Mount Operation, Add	*151.23*	
		For Dynamic Damper, Add	*362.96*	
		For 3 Hour Rated, Add	*201.64*	
23 33 13 16-0344	EA	60" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,034.62	104.12
		For Spring Activated Horizontal Mount Operation, Add	*162.45*	
		For Dynamic Damper, Add	*389.88*	
		For 3 Hour Rated, Add	*216.60*	
23 33 13 16-0345	EA	60" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,098.11	108.60
		For Spring Activated Horizontal Mount Operation, Add	*173.68*	
		For Dynamic Damper, Add	*416.82*	
		For 3 Hour Rated, Add	*231.57*	
23 33 13 16-0346	EA	60" x 56" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,154.42	113.22
		For Spring Activated Horizontal Mount Operation, Add	*183.29*	
		For Dynamic Damper, Add	*439.89*	
		For 3 Hour Rated, Add	*244.38*	
23 33 13 16-0347	EA	60" x 60" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,210.80	117.71
		For Spring Activated Horizontal Mount Operation, Add	*192.92*	
		For Dynamic Damper, Add	*463.00*	
		For 3 Hour Rated, Add	*257.22*	

23 33 13 16-0348 Round 2 Hour Fire Damper *(23 33 13 16)*

23 33 13 16-0349	EA	4" Round 2 Hour Fire Damper	140.58	27.19
23 33 13 16-0350	EA	5" Round 2 Hour Fire Damper	146.75	27.19
23 33 13 16-0351	EA	6" Round 2 Hour Fire Damper	172.68	30.86
23 33 13 16-0352	EA	7" Round 2 Hour Fire Damper	179.39	30.86
23 33 13 16-0353	EA	8" Round 2 Hour Fire Damper	215.80	33.98
23 33 13 16-0354	EA	9" Round 2 Hour Fire Damper	234.27	33.98
23 33 13 16-0355	EA	10" Round 2 Hour Fire Damper	260.33	37.79
23 33 13 16-0356	EA	12" Round 2 Hour Fire Damper	292.42	42.55
23 33 13 16-0357	EA	14" Round 2 Hour Fire Damper	332.30	48.52

23 33 13 16-0358 Round 4 Hour Fire Damper *(23 33 13 16)*

23 33 13 16-0359	EA	4" Round 4 Hour Fire Damper	158.34	30.86
23 33 13 16-0360	EA	5" Round 4 Hour Fire Damper	175.15	30.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0361	EA	6" Round 4 Hour Fire Damper	198.40	33.98
23 33 13 16-0362	EA	7" Round 4 Hour Fire Damper	220.09	33.98
23 33 13 16-0363	EA	8" Round 4 Hour Fire Damper	249.39	37.79
23 33 13 16-0364	EA	9" Round 4 Hour Fire Damper	262.62	37.79
23 33 13 16-0365	EA	10" Round 4 Hour Fire Damper	292.83	42.55
23 33 13 16-0366	EA	12" Round 4 Hour Fire Damper	323.89	48.52
23 33 13 16-0367	EA	14" Round 4 Hour Fire Damper	377.89	56.68

23 33 13 19 Smoke-Control Dampers *(23 33 13)*

23 33 13 19-0001 Combination Smoke/Fire Damper *(23 33 13 19)*

Note: 1-1/2 hour rating, leakage class I with Firestat UL 555S air foil blades.

23 33 13 19-0002	EA	6" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	613.86	22.63
		For Dynamic Damper, Add	*294.82*	
		For 3 Hour Rated, Add	*163.79*	
23 33 13 19-0003	EA	8" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	630.23	23.65
		For Dynamic Damper, Add	*302.01*	
		For 3 Hour Rated, Add	*167.78*	
23 33 13 19-0004	EA	8" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	644.15	23.86
		For Dynamic Damper, Add	*309.31*	
		For 3 Hour Rated, Add	*171.84*	
23 33 13 19-0005	EA	10" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	608.52	23.86
		For Dynamic Damper, Add	*290.07*	
		For 3 Hour Rated, Add	*161.15*	
23 33 13 19-0006	EA	10" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	623.13	24.46
		For Dynamic Damper, Add	*296.85*	
		For 3 Hour Rated, Add	*164.92*	
23 33 13 19-0007	EA	10" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	656.53	27.12
		For Dynamic Damper, Add	*310.48*	
		For 3 Hour Rated, Add	*172.49*	
23 33 13 19-0008	EA	12" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	623.13	24.46
		For Dynamic Damper, Add	*296.85*	
		For 3 Hour Rated, Add	*164.92*	
23 33 13 19-0009	EA	12" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	652.45	25.89
		For Dynamic Damper, Add	*310.48*	
		For 3 Hour Rated, Add	*172.49*	
23 33 13 19-0010	EA	12" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	669.11	27.12
		For Dynamic Damper, Add	*317.28*	
		For 3 Hour Rated, Add	*176.27*	
23 33 13 19-0011	EA	12" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	691.95	30.58
		For Dynamic Damper, Add	*324.11*	
		For 3 Hour Rated, Add	*180.06*	
23 33 13 19-0012	EA	14" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	646.16	25.89
		For Dynamic Damper, Add	*307.09*	
		For 3 Hour Rated, Add	*170.60*	
23 33 13 19-0013	EA	14" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	669.11	27.12
		For Dynamic Damper, Add	*317.28*	
		For 3 Hour Rated, Add	*176.27*	
23 33 13 19-0014	EA	14" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	685.84	28.55
		For Dynamic Damper, Add	*324.11*	
		For 3 Hour Rated, Add	*180.06*	
23 33 13 19-0015	EA	14" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	704.61	30.58
		For Dynamic Damper, Add	*330.95*	
		For 3 Hour Rated, Add	*183.86*	
23 33 13 19-0016	EA	14" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	746.34	34.05
		For Dynamic Damper, Add	*347.98*	
		For 3 Hour Rated, Add	*193.32*	
23 33 13 19-0017	EA	16" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	729.99	27.12
		For Dynamic Damper, Add	*350.15*	
		For 3 Hour Rated, Add	*194.53*	
23 33 13 19-0018	EA	16" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	743.92	29.16
		For Dynamic Damper, Add	*354.38*	
		For 3 Hour Rated, Add	*196.88*	
23 33 13 19-0019	EA	16" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	759.91	32.01
		For Dynamic Damper, Add	*358.60*	
		For 3 Hour Rated, Add	*199.22*	
23 33 13 19-0020	EA	16" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	773.75	34.05
		For Dynamic Damper, Add	*362.78*	
		For 3 Hour Rated, Add	*201.54*	
23 33 13 19-0021	EA	16" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	803.48	37.31
		For Dynamic Damper, Add	*373.33*	
		For 3 Hour Rated, Add	*207.41*	
23 33 13 19-0022	EA	16" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	833.18	40.78
		For Dynamic Damper, Add	*383.86*	
		For 3 Hour Rated, Add	*213.26*	
23 33 13 19-0023	EA	18" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	741.88	28.55
		For Dynamic Damper, Add	*354.38*	
		For 3 Hour Rated, Add	*196.88*	
23 33 13 19-0024	EA	18" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	759.66	30.58
		For Dynamic Damper, Add	*360.68*	
		For 3 Hour Rated, Add	*200.38*	
23 33 13 19-0025	EA	18" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	781.63	34.05
		For Dynamic Damper, Add	*367.03*	
		For 3 Hour Rated, Add	*203.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0026	EA	18" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	811.31	37.31
		For Dynamic Damper, Add	*377.56*	
		For 3 Hour Rated, Add	*209.75*	
23 33 13 19-0027	EA	18" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	837.07	40.78
		For Dynamic Damper, Add	*385.96*	
		For 3 Hour Rated, Add	*214.42*	
23 33 13 19-0028	EA	18" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	866.75	44.04
		For Dynamic Damper, Add	*396.48*	
		For 3 Hour Rated, Add	*220.27*	
23 33 13 19-0029	EA	18" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	888.67	47.51
		For Dynamic Damper, Add	*402.81*	
		For 3 Hour Rated, Add	*223.79*	
23 33 13 19-0030	EA	20" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	755.82	30.58
		For Dynamic Damper, Add	*358.60*	
		For 3 Hour Rated, Add	*199.22*	
23 33 13 19-0031	EA	20" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	781.58	34.05
		For Dynamic Damper, Add	*367.01*	
		For 3 Hour Rated, Add	*203.89*	
23 33 13 19-0032	EA	20" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	807.37	37.31
		For Dynamic Damper, Add	*375.43*	
		For 3 Hour Rated, Add	*208.57*	
23 33 13 19-0033	EA	20" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	848.83	40.78
		For Dynamic Damper, Add	*392.31*	
		For 3 Hour Rated, Add	*217.95*	
23 33 13 19-0034	EA	20" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	870.69	44.04
		For Dynamic Damper, Add	*398.61*	
		For 3 Hour Rated, Add	*221.45*	
23 33 13 19-0035	EA	20" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	892.55	47.51
		For Dynamic Damper, Add	*404.91*	
		For 3 Hour Rated, Add	*224.95*	
23 33 13 19-0036	EA	20" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	918.35	50.97
		For Dynamic Damper, Add	*413.34*	
		For 3 Hour Rated, Add	*229.63*	
23 33 13 19-0037	EA	20" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	944.10	54.24
		For Dynamic Damper, Add	*421.73*	
		For 3 Hour Rated, Add	*234.30*	
23 33 13 19-0038	EA	24" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	774.39	34.05
		For Dynamic Damper, Add	*363.12*	
		For 3 Hour Rated, Add	*201.74*	
23 33 13 19-0039	EA	24" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	800.36	37.31
		For Dynamic Damper, Add	*371.64*	
		For 3 Hour Rated, Add	*206.47*	
23 33 13 19-0040	EA	24" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	821.10	40.78
		For Dynamic Damper, Add	*377.34*	
		For 3 Hour Rated, Add	*209.63*	
23 33 13 19-0041	EA	24" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	847.01	44.04
		For Dynamic Damper, Add	*385.82*	
		For 3 Hour Rated, Add	*214.35*	
23 33 13 19-0042	EA	24" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	865.10	47.51
		For Dynamic Damper, Add	*390.09*	
		For 3 Hour Rated, Add	*216.71*	
23 33 13 19-0043	EA	24" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	883.14	50.97
		For Dynamic Damper, Add	*394.32*	
		For 3 Hour Rated, Add	*219.07*	
23 33 13 19-0044	EA	24" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	909.09	54.24
		For Dynamic Damper, Add	*402.83*	
		For 3 Hour Rated, Add	*223.79*	
23 33 13 19-0045	EA	24" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	945.23	61.17
		For Dynamic Damper, Add	*411.33*	
		For 3 Hour Rated, Add	*228.52*	
23 33 13 19-0046	EA	24" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	986.64	67.90
		For Dynamic Damper, Add	*422.69*	
		For 3 Hour Rated, Add	*234.83*	
23 33 13 19-0047	EA	28" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	800.36	37.31
		For Dynamic Damper, Add	*371.64*	
		For 3 Hour Rated, Add	*206.47*	
23 33 13 19-0048	EA	28" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	821.10	40.78
		For Dynamic Damper, Add	*377.34*	
		For 3 Hour Rated, Add	*209.63*	
23 33 13 19-0049	EA	28" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	847.01	44.04
		For Dynamic Damper, Add	*385.82*	
		For 3 Hour Rated, Add	*214.35*	
23 33 13 19-0050	EA	28" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	867.72	47.51
		For Dynamic Damper, Add	*391.50*	
		For 3 Hour Rated, Add	*217.50*	
23 33 13 19-0051	EA	28" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	891.03	50.97
		For Dynamic Damper, Add	*398.58*	
		For 3 Hour Rated, Add	*221.44*	
23 33 13 19-0052	EA	28" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	914.33	54.24
		For Dynamic Damper, Add	*405.66*	
		For 3 Hour Rated, Add	*225.37*	
23 33 13 19-0053	EA	28" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	950.46	61.17
		For Dynamic Damper, Add	*414.16*	
		For 3 Hour Rated, Add	*230.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0054	EA	28" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	986.64	67.90
		For Dynamic Damper, Add	*422.69*	
		For 3 Hour Rated, Add	*234.83*	
23 33 13 19-0055	EA	28" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,028.32	71.36
		For Dynamic Damper, Add	*439.69*	
		For 3 Hour Rated, Add	*244.27*	
23 33 13 19-0056	EA	28" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,074.97	78.09
		For Dynamic Damper, Add	*453.87*	
		For 3 Hour Rated, Add	*252.15*	
23 33 13 19-0057	EA	32" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	836.82	40.78
		For Dynamic Damper, Add	*385.82*	
		For 3 Hour Rated, Add	*214.35*	
23 33 13 19-0058	EA	32" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	852.24	44.04
		For Dynamic Damper, Add	*388.65*	
		For 3 Hour Rated, Add	*215.92*	
23 33 13 19-0059	EA	32" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	867.72	47.51
		For Dynamic Damper, Add	*391.50*	
		For 3 Hour Rated, Add	*217.50*	
23 33 13 19-0060	EA	32" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	888.38	50.97
		For Dynamic Damper, Add	*397.15*	
		For 3 Hour Rated, Add	*220.64*	
23 33 13 19-0061	EA	32" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	915.31	54.24
		For Dynamic Damper, Add	*406.19*	
		For 3 Hour Rated, Add	*225.66*	
23 33 13 19-0062	EA	32" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	950.46	61.17
		For Dynamic Damper, Add	*414.16*	
		For 3 Hour Rated, Add	*230.09*	
23 33 13 19-0063	EA	32" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	991.91	67.90
		For Dynamic Damper, Add	*425.53*	
		For 3 Hour Rated, Add	*236.41*	
23 33 13 19-0064	EA	32" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,033.32	74.62
		For Dynamic Damper, Add	*436.88*	
		For 3 Hour Rated, Add	*242.71*	
23 33 13 19-0065	EA	32" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,074.97	78.09
		For Dynamic Damper, Add	*453.87*	
		For 3 Hour Rated, Add	*252.15*	
23 33 13 19-0066	EA	32" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,128.08	83.60
		For Dynamic Damper, Add	*473.74*	
		For 3 Hour Rated, Add	*263.19*	
23 33 13 19-0067	EA	32" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,184.32	88.28
		For Dynamic Damper, Add	*496.41*	
		For 3 Hour Rated, Add	*275.78*	
23 33 13 19-0068	EA	36" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	879.20	44.04
		For Dynamic Damper, Add	*403.21*	
		For 3 Hour Rated, Add	*224.00*	
23 33 13 19-0069	EA	36" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	900.78	47.51
		For Dynamic Damper, Add	*409.35*	
		For 3 Hour Rated, Add	*227.42*	
23 33 13 19-0070	EA	36" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	922.39	50.97
		For Dynamic Damper, Add	*415.52*	
		For 3 Hour Rated, Add	*230.84*	
23 33 13 19-0071	EA	36" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	949.73	54.24
		For Dynamic Damper, Add	*424.77*	
		For 3 Hour Rated, Add	*235.99*	
23 33 13 19-0072	EA	36" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	978.71	61.17
		For Dynamic Damper, Add	*429.41*	
		For 3 Hour Rated, Add	*238.56*	
23 33 13 19-0073	EA	36" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	997.46	64.43
		For Dynamic Damper, Add	*434.04*	
		For 3 Hour Rated, Add	*241.13*	
23 33 13 19-0074	EA	36" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,056.61	74.62
		For Dynamic Damper, Add	*449.46*	
		For 3 Hour Rated, Add	*249.70*	
23 33 13 19-0075	EA	36" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,105.49	81.56
		For Dynamic Damper, Add	*464.84*	
		For 3 Hour Rated, Add	*258.25*	
23 33 13 19-0076	EA	36" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,147.89	84.20
		For Dynamic Damper, Add	*483.34*	
		For 3 Hour Rated, Add	*268.52*	
23 33 13 19-0077	EA	36" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,211.91	90.33
		For Dynamic Damper, Add	*508.00*	
		For 3 Hour Rated, Add	*282.22*	
23 33 13 19-0078	EA	36" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,266.09	95.01
		For Dynamic Damper, Add	*529.55*	
		For 3 Hour Rated, Add	*294.20*	
23 33 13 19-0079	EA	36" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,321.95	98.47
		For Dynamic Damper, Add	*554.21*	
		For 3 Hour Rated, Add	*307.90*	
23 33 13 19-0080	EA	40" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,410.41	50.97
		For Dynamic Damper, Add	*684.55*	
		For 3 Hour Rated, Add	*380.31*	
23 33 13 19-0081	EA	40" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,451.20	54.24
		For Dynamic Damper, Add	*701.08*	
		For 3 Hour Rated, Add	*389.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0082	EA	40" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,469.09	57.70
		For Dynamic Damper, Add	*705.23*	
		For 3 Hour Rated, Add	*391.79*	
23 33 13 19-0083	EA	40" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,486.96	61.17
		For Dynamic Damper, Add	*709.38*	
		For 3 Hour Rated, Add	*394.10*	
23 33 13 19-0084	EA	40" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,534.16	64.43
		For Dynamic Damper, Add	*723.85*	
		For 3 Hour Rated, Add	*402.14*	
23 33 13 19-0085	EA	40" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,571.22	67.90
		For Dynamic Damper, Add	*738.36*	
		For 3 Hour Rated, Add	*410.20*	
23 33 13 19-0086	EA	40" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,632.45	78.09
		For Dynamic Damper, Add	*754.91*	
		For 3 Hour Rated, Add	*419.39*	
23 33 13 19-0087	EA	40" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,683.44	84.81
		For Dynamic Damper, Add	*771.43*	
		For 3 Hour Rated, Add	*428.57*	
23 33 13 19-0088	EA	40" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,745.78	90.33
		For Dynamic Damper, Add	*796.29*	
		For 3 Hour Rated, Add	*442.38*	
23 33 13 19-0089	EA	40" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,844.27	95.01
		For Dynamic Damper, Add	*841.77*	
		For 3 Hour Rated, Add	*467.65*	
23 33 13 19-0090	EA	40" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,906.51	100.52
		For Dynamic Damper, Add	*866.57*	
		For 3 Hour Rated, Add	*481.43*	
23 33 13 19-0091	EA	40" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,998.99	103.17
		For Dynamic Damper, Add	*912.10*	
		For 3 Hour Rated, Add	*506.72*	
23 33 13 19-0092	EA	40" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,091.92	108.67
		For Dynamic Damper, Add	*953.48*	
		For 3 Hour Rated, Add	*529.71*	
23 33 13 19-0093	EA	44" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,435.92	50.97
		For Dynamic Damper, Add	*692.83*	
		For 3 Hour Rated, Add	*384.90*	
23 33 13 19-0094	EA	44" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,476.77	54.24
		For Dynamic Damper, Add	*709.38*	
		For 3 Hour Rated, Add	*394.10*	
23 33 13 19-0095	EA	44" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,509.98	57.70
		For Dynamic Damper, Add	*721.81*	
		For 3 Hour Rated, Add	*401.00*	
23 33 13 19-0096	EA	44" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,527.86	61.17
		For Dynamic Damper, Add	*725.95*	
		For 3 Hour Rated, Add	*403.31*	
23 33 13 19-0097	EA	44" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,568.70	64.43
		For Dynamic Damper, Add	*742.51*	
		For 3 Hour Rated, Add	*412.50*	
23 33 13 19-0098	EA	44" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,609.51	67.90
		For Dynamic Damper, Add	*759.03*	
		For 3 Hour Rated, Add	*421.69*	
23 33 13 19-0099	EA	44" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,688.63	81.56
		For Dynamic Damper, Add	*779.74*	
		For 3 Hour Rated, Add	*433.19*	
23 33 13 19-0100	EA	44" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,747.25	88.28
		For Dynamic Damper, Add	*800.39*	
		For 3 Hour Rated, Add	*444.66*	
23 33 13 19-0101	EA	44" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,844.27	95.01
		For Dynamic Damper, Add	*841.77*	
		For 3 Hour Rated, Add	*467.65*	
23 33 13 19-0102	EA	44" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,933.60	101.94
		For Dynamic Damper, Add	*879.00*	
		For 3 Hour Rated, Add	*488.33*	
23 33 13 19-0103	EA	44" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,030.57	108.67
		For Dynamic Damper, Add	*920.35*	
		For 3 Hour Rated, Add	*511.31*	
23 33 13 19-0104	EA	44" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,109.71	111.93
		For Dynamic Damper, Add	*957.58*	
		For 3 Hour Rated, Add	*531.99*	
23 33 13 19-0105	EA	44" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,188.90	115.40
		For Dynamic Damper, Add	*994.84*	
		For 3 Hour Rated, Add	*552.69*	
23 33 13 19-0106	EA	44" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,268.08	118.86
		For Dynamic Damper, Add	*1,032.09*	
		For 3 Hour Rated, Add	*573.38*	
23 33 13 19-0107	EA	48" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,469.09	54.24
		For Dynamic Damper, Add	*705.23*	
		For 3 Hour Rated, Add	*391.79*	
23 33 13 19-0108	EA	48" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,509.98	57.70
		For Dynamic Damper, Add	*721.81*	
		For 3 Hour Rated, Add	*401.00*	
23 33 13 19-0109	EA	48" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,527.86	61.17
		For Dynamic Damper, Add	*725.95*	
		For 3 Hour Rated, Add	*403.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0110	EA	48" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,571.22	67.90
		For Dynamic Damper, Add	*738.36*	
		For 3 Hour Rated, Add	*410.20*	
23 33 13 19-0111	EA	48" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,622.26	74.62
		For Dynamic Damper, Add	*754.91*	
		For 3 Hour Rated, Add	*419.39*	
23 33 13 19-0112	EA	48" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,673.25	81.56
		For Dynamic Damper, Add	*771.43*	
		For 3 Hour Rated, Add	*428.57*	
23 33 13 19-0113	EA	48" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,739.66	88.28
		For Dynamic Damper, Add	*796.29*	
		For 3 Hour Rated, Add	*442.38*	
23 33 13 19-0114	EA	48" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,805.98	95.01
		For Dynamic Damper, Add	*821.09*	
		For 3 Hour Rated, Add	*456.16*	
23 33 13 19-0115	EA	48" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,895.31	101.94
		For Dynamic Damper, Add	*858.32*	
		For 3 Hour Rated, Add	*476.84*	
23 33 13 19-0116	EA	48" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,999.92	108.67
		For Dynamic Damper, Add	*903.80*	
		For 3 Hour Rated, Add	*502.11*	
23 33 13 19-0117	EA	48" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,079.15	111.93
		For Dynamic Damper, Add	*941.08*	
		For 3 Hour Rated, Add	*522.82*	
23 33 13 19-0118	EA	48" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,181.21	115.40
		For Dynamic Damper, Add	*990.68*	
		For 3 Hour Rated, Add	*550.38*	
23 33 13 19-0119	EA	48" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,270.59	122.13
		For Dynamic Damper, Add	*1,027.94*	
		For 3 Hour Rated, Add	*571.08*	
23 33 13 19-0120	EA	48" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,372.74	125.59
		For Dynamic Damper, Add	*1,077.60*	
		For 3 Hour Rated, Add	*598.67*	
23 33 13 19-0121	EA	48" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,464.58	135.79
		For Dynamic Damper, Add	*1,110.67*	
		For 3 Hour Rated, Add	*617.04*	
23 33 13 19-0122	EA	52" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,502.29	57.70
		For Dynamic Damper, Add	*717.65*	
		For 3 Hour Rated, Add	*398.70*	
23 33 13 19-0123	EA	52" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,543.14	61.17
		For Dynamic Damper, Add	*734.21*	
		For 3 Hour Rated, Add	*407.89*	
23 33 13 19-0124	EA	52" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,594.18	67.90
		For Dynamic Damper, Add	*750.76*	
		For 3 Hour Rated, Add	*417.09*	
23 33 13 19-0125	EA	52" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,622.26	74.62
		For Dynamic Damper, Add	*754.91*	
		For 3 Hour Rated, Add	*419.39*	
23 33 13 19-0126	EA	52" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,677.14	81.56
		For Dynamic Damper, Add	*773.53*	
		For 3 Hour Rated, Add	*429.74*	
23 33 13 19-0127	EA	52" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,731.97	88.28
		For Dynamic Damper, Add	*792.14*	
		For 3 Hour Rated, Add	*440.08*	
23 33 13 19-0128	EA	52" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,798.34	95.01
		For Dynamic Damper, Add	*816.97*	
		For 3 Hour Rated, Add	*453.87*	
23 33 13 19-0129	EA	52" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,864.66	101.94
		For Dynamic Damper, Add	*841.77*	
		For 3 Hour Rated, Add	*467.65*	
23 33 13 19-0130	EA	52" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,953.99	108.67
		For Dynamic Damper, Add	*879.00*	
		For 3 Hour Rated, Add	*488.33*	
23 33 13 19-0131	EA	52" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,066.34	115.40
		For Dynamic Damper, Add	*928.65*	
		For 3 Hour Rated, Add	*515.92*	
23 33 13 19-0132	EA	52" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,153.06	118.86
		For Dynamic Damper, Add	*969.98*	
		For 3 Hour Rated, Add	*538.88*	
23 33 13 19-0133	EA	52" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,262.95	122.13
		For Dynamic Damper, Add	*1,023.81*	
		For 3 Hour Rated, Add	*568.79*	
23 33 13 19-0134	EA	52" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,375.20	129.06
		For Dynamic Damper, Add	*1,073.42*	
		For 3 Hour Rated, Add	*596.34*	
23 33 13 19-0135	EA	52" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,464.58	135.79
		For Dynamic Damper, Add	*1,110.67*	
		For 3 Hour Rated, Add	*617.04*	
23 33 13 19-0136	EA	52" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,587.06	145.98
		For Dynamic Damper, Add	*1,160.30*	
		For 3 Hour Rated, Add	*644.61*	
23 33 13 19-0137	EA	52" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,684.08	152.71
		For Dynamic Damper, Add	*1,201.68*	
		For 3 Hour Rated, Add	*667.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0138	EA	56" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,527.86	61.17
		For Dynamic Damper, Add	*725.95*	
		For 3 Hour Rated, Add	*403.31*	
23 33 13 19-0139	EA	56" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,586.50	67.90
		For Dynamic Damper, Add	*746.61*	
		For 3 Hour Rated, Add	*414.78*	
23 33 13 19-0140	EA	56" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,629.90	74.62
		For Dynamic Damper, Add	*759.03*	
		For 3 Hour Rated, Add	*421.69*	
23 33 13 19-0141	EA	56" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,657.93	81.56
		For Dynamic Damper, Add	*763.16*	
		For 3 Hour Rated, Add	*423.98*	
23 33 13 19-0142	EA	56" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,720.49	88.28
		For Dynamic Damper, Add	*785.94*	
		For 3 Hour Rated, Add	*436.63*	
23 33 13 19-0143	EA	56" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,783.01	95.01
		For Dynamic Damper, Add	*808.69*	
		For 3 Hour Rated, Add	*449.27*	
23 33 13 19-0144	EA	56" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,845.49	101.94
		For Dynamic Damper, Add	*831.42*	
		For 3 Hour Rated, Add	*461.90*	
23 33 13 19-0145	EA	56" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,908.02	108.67
		For Dynamic Damper, Add	*854.17*	
		For 3 Hour Rated, Add	*474.54*	
23 33 13 19-0146	EA	56" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,020.31	115.40
		For Dynamic Damper, Add	*903.80*	
		For 3 Hour Rated, Add	*502.11*	
23 33 13 19-0147	EA	56" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,122.50	118.86
		For Dynamic Damper, Add	*953.48*	
		For 3 Hour Rated, Add	*529.71*	
23 33 13 19-0148	EA	56" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,216.93	122.13
		For Dynamic Damper, Add	*998.96*	
		For 3 Hour Rated, Add	*554.98*	
23 33 13 19-0149	EA	56" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,344.60	129.06
		For Dynamic Damper, Add	*1,056.89*	
		For 3 Hour Rated, Add	*587.16*	
23 33 13 19-0150	EA	56" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,456.90	135.79
		For Dynamic Damper, Add	*1,106.52*	
		For 3 Hour Rated, Add	*614.74*	
23 33 13 19-0151	EA	56" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,576.88	142.52
		For Dynamic Damper, Add	*1,160.30*	
		For 3 Hour Rated, Add	*644.61*	
23 33 13 19-0152	EA	56" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,673.89	149.45
		For Dynamic Damper, Add	*1,201.68*	
		For 3 Hour Rated, Add	*667.60*	
23 33 13 19-0153	EA	56" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,793.87	156.18
		For Dynamic Damper, Add	*1,255.46*	
		For 3 Hour Rated, Add	*697.48*	
23 33 13 19-0154	EA	56" x 56" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,913.86	162.91
		For Dynamic Damper, Add	*1,309.25*	
		For 3 Hour Rated, Add	*727.36*	
23 33 13 19-0155	EA	60" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,571.22	67.90
		For Dynamic Damper, Add	*738.36*	
		For 3 Hour Rated, Add	*410.20*	
23 33 13 19-0156	EA	60" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,629.90	74.62
		For Dynamic Damper, Add	*759.03*	
		For 3 Hour Rated, Add	*421.69*	
23 33 13 19-0157	EA	60" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,665.61	81.56
		For Dynamic Damper, Add	*767.31*	
		For 3 Hour Rated, Add	*426.28*	
23 33 13 19-0158	EA	60" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,693.63	88.28
		For Dynamic Damper, Add	*771.43*	
		For 3 Hour Rated, Add	*428.57*	
23 33 13 19-0159	EA	60" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,760.05	95.01
		For Dynamic Damper, Add	*796.29*	
		For 3 Hour Rated, Add	*442.38*	
23 33 13 19-0160	EA	60" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,826.37	101.94
		For Dynamic Damper, Add	*821.09*	
		For 3 Hour Rated, Add	*456.16*	
23 33 13 19-0161	EA	60" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,896.53	108.67
		For Dynamic Damper, Add	*847.97*	
		For 3 Hour Rated, Add	*471.09*	
23 33 13 19-0162	EA	60" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,966.74	115.40
		For Dynamic Damper, Add	*874.87*	
		For 3 Hour Rated, Add	*486.04*	
23 33 13 19-0163	EA	60" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,076.53	118.86
		For Dynamic Damper, Add	*928.65*	
		For 3 Hour Rated, Add	*515.92*	
23 33 13 19-0164	EA	60" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,178.64	122.13
		For Dynamic Damper, Add	*978.29*	
		For 3 Hour Rated, Add	*543.49*	
23 33 13 19-0165	EA	60" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,298.67	129.06
		For Dynamic Damper, Add	*1,032.09*	
		For 3 Hour Rated, Add	*573.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0166	EA	60" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,418.65	135.79
		For Dynamic Damper, Add	*1,085.87*	
		For 3 Hour Rated, Add	*603.26*	
23 33 13 19-0167	EA	60" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,515.62	142.52
		For Dynamic Damper, Add	*1,127.22*	
		For 3 Hour Rated, Add	*626.24*	
23 33 13 19-0168	EA	60" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,658.56	149.45
		For Dynamic Damper, Add	*1,193.41*	
		For 3 Hour Rated, Add	*663.00*	
23 33 13 19-0169	EA	60" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,786.23	156.18
		For Dynamic Damper, Add	*1,251.34*	
		For 3 Hour Rated, Add	*695.19*	
23 33 13 19-0170	EA	60" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,913.86	162.91
		For Dynamic Damper, Add	*1,309.25*	
		For 3 Hour Rated, Add	*727.36*	
23 33 13 19-0171	EA	60" x 56" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	3,026.11	169.84
		For Dynamic Damper, Add	*1,358.85*	
		For 3 Hour Rated, Add	*754.92*	
23 33 13 19-0172	EA	60" x 60" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	3,138.55	176.57
		For Dynamic Damper, Add	*1,408.56*	
		For 3 Hour Rated, Add	*782.53*	

23 33 13 19-0173 Smoke Damper *(23 33 13 19)*

Note: 1-1/2 hour rating, leakage class I with Firestat UL 555S air foil blades.

23 33 13 19-0174	EA	6" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	137.59	15.09
		For Dynamic Damper, Add	*49.86*	
		For 3 Hour Rated, Add	*27.70*	
23 33 13 19-0175	EA	8" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	141.96	15.77
		For Dynamic Damper, Add	*51.11*	
		For 3 Hour Rated, Add	*28.40*	
23 33 13 19-0176	EA	8" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	144.58	15.90
		For Dynamic Damper, Add	*52.38*	
		For 3 Hour Rated, Add	*29.10*	
23 33 13 19-0177	EA	10" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	144.58	15.90
		For Dynamic Damper, Add	*52.38*	
		For 3 Hour Rated, Add	*29.10*	
23 33 13 19-0178	EA	10" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	148.27	16.32
		For Dynamic Damper, Add	*53.64*	
		For 3 Hour Rated, Add	*29.80*	
23 33 13 19-0179	EA	10" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	158.36	18.08
		For Dynamic Damper, Add	*56.15*	
		For 3 Hour Rated, Add	*31.20*	
23 33 13 19-0180	EA	12" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	148.27	16.32
		For Dynamic Damper, Add	*53.64*	
		For 3 Hour Rated, Add	*29.80*	
23 33 13 19-0181	EA	12" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	155.64	17.26
		For Dynamic Damper, Add	*56.15*	
		For 3 Hour Rated, Add	*31.20*	
23 33 13 19-0182	EA	12" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	160.71	18.08
		For Dynamic Damper, Add	*57.42*	
		For 3 Hour Rated, Add	*31.90*	
23 33 13 19-0183	EA	12" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	169.85	20.39
		For Dynamic Damper, Add	*58.69*	
		For 3 Hour Rated, Add	*32.60*	
23 33 13 19-0184	EA	14" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	154.49	17.26
		For Dynamic Damper, Add	*55.53*	
		For 3 Hour Rated, Add	*30.85*	
23 33 13 19-0185	EA	14" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	160.71	18.08
		For Dynamic Damper, Add	*57.42*	
		For 3 Hour Rated, Add	*31.90*	
23 33 13 19-0186	EA	14" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	165.77	19.03
		For Dynamic Damper, Add	*58.69*	
		For 3 Hour Rated, Add	*32.60*	
23 33 13 19-0187	EA	14" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	172.20	20.39
		For Dynamic Damper, Add	*59.96*	
		For 3 Hour Rated, Add	*33.31*	
23 33 13 19-0188	EA	14" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	184.84	22.70
		For Dynamic Damper, Add	*63.11*	
		For 3 Hour Rated, Add	*35.06*	
23 33 13 19-0189	EA	16" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	245.84	18.08
		For Dynamic Damper, Add	*103.39*	
		For 3 Hour Rated, Add	*57.44*	
23 33 13 19-0190	EA	16" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	252.26	19.43
		For Dynamic Damper, Add	*104.66*	
		For 3 Hour Rated, Add	*58.14*	
23 33 13 19-0191	EA	16" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	260.04	21.34
		For Dynamic Damper, Add	*105.93*	
		For 3 Hour Rated, Add	*58.85*	
23 33 13 19-0192	EA	16" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	266.44	22.70
		For Dynamic Damper, Add	*107.17*	
		For 3 Hour Rated, Add	*59.54*	
23 33 13 19-0193	EA	16" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	279.11	24.87
		For Dynamic Damper, Add	*110.35*	
		For 3 Hour Rated, Add	*61.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0194	EA	16" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	291.75	27.19
		For Dynamic Damper, Add	*113.50*	
		For 3 Hour Rated, Add	*63.06*	
23 33 13 19-0195	EA	18" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	250.90	19.03
		For Dynamic Damper, Add	*104.66*	
		For 3 Hour Rated, Add	*58.14*	
23 33 13 19-0196	EA	18" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	258.48	20.39
		For Dynamic Damper, Add	*106.55*	
		For 3 Hour Rated, Add	*59.19*	
23 33 13 19-0197	EA	18" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	268.81	22.70
		For Dynamic Damper, Add	*108.45*	
		For 3 Hour Rated, Add	*60.25*	
23 33 13 19-0198	EA	18" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	281.44	24.87
		For Dynamic Damper, Add	*111.61*	
		For 3 Hour Rated, Add	*62.00*	
23 33 13 19-0199	EA	18" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	292.90	27.19
		For Dynamic Damper, Add	*114.12*	
		For 3 Hour Rated, Add	*63.40*	
23 33 13 19-0200	EA	18" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	305.55	29.36
		For Dynamic Damper, Add	*117.29*	
		For 3 Hour Rated, Add	*65.16*	
23 33 13 19-0201	EA	18" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	315.85	31.67
		For Dynamic Damper, Add	*119.18*	
		For 3 Hour Rated, Add	*66.21*	
23 33 13 19-0202	EA	20" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	257.33	20.39
		For Dynamic Damper, Add	*105.93*	
		For 3 Hour Rated, Add	*58.85*	
23 33 13 19-0203	EA	20" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	268.79	22.70
		For Dynamic Damper, Add	*108.44*	
		For 3 Hour Rated, Add	*60.25*	
23 33 13 19-0204	EA	20" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	280.26	24.87
		For Dynamic Damper, Add	*110.97*	
		For 3 Hour Rated, Add	*61.65*	
23 33 13 19-0205	EA	20" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	296.43	27.19
		For Dynamic Damper, Add	*116.03*	
		For 3 Hour Rated, Add	*64.46*	
23 33 13 19-0206	EA	20" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	306.73	29.36
		For Dynamic Damper, Add	*117.93*	
		For 3 Hour Rated, Add	*65.51*	
23 33 13 19-0207	EA	20" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	317.02	31.67
		For Dynamic Damper, Add	*119.82*	
		For 3 Hour Rated, Add	*66.56*	
23 33 13 19-0208	EA	20" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	328.49	33.98
		For Dynamic Damper, Add	*122.34*	
		For 3 Hour Rated, Add	*67.97*	
23 33 13 19-0209	EA	20" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	339.95	36.16
		For Dynamic Damper, Add	*124.85*	
		For 3 Hour Rated, Add	*69.36*	
23 33 13 19-0210	EA	24" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	339.23	22.70
		For Dynamic Damper, Add	*146.48*	
		For 3 Hour Rated, Add	*81.38*	
23 33 13 19-0211	EA	24" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	353.05	24.87
		For Dynamic Damper, Add	*150.28*	
		For 3 Hour Rated, Add	*83.49*	
23 33 13 19-0212	EA	24" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	364.53	27.19
		For Dynamic Damper, Add	*152.80*	
		For 3 Hour Rated, Add	*84.89*	
23 33 13 19-0213	EA	24" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	378.34	29.36
		For Dynamic Damper, Add	*156.59*	
		For 3 Hour Rated, Add	*87.00*	
23 33 13 19-0214	EA	24" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	388.63	31.67
		For Dynamic Damper, Add	*158.48*	
		For 3 Hour Rated, Add	*88.05*	
23 33 13 19-0215	EA	24" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	398.92	33.98
		For Dynamic Damper, Add	*160.37*	
		For 3 Hour Rated, Add	*89.09*	
23 33 13 19-0216	EA	24" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	412.74	36.16
		For Dynamic Damper, Add	*164.16*	
		For 3 Hour Rated, Add	*91.20*	
23 33 13 19-0217	EA	24" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	433.34	40.78
		For Dynamic Damper, Add	*167.95*	
		For 3 Hour Rated, Add	*93.30*	
23 33 13 19-0218	EA	24" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	456.30	45.26
		For Dynamic Damper, Add	*173.01*	
		For 3 Hour Rated, Add	*96.11*	
23 33 13 19-0219	EA	28" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	353.05	24.87
		For Dynamic Damper, Add	*150.28*	
		For 3 Hour Rated, Add	*83.49*	
23 33 13 19-0220	EA	28" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	364.53	27.19
		For Dynamic Damper, Add	*152.80*	
		For 3 Hour Rated, Add	*84.89*	
23 33 13 19-0221	EA	28" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	378.34	29.36
		For Dynamic Damper, Add	*156.59*	
		For 3 Hour Rated, Add	*87.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0222	EA	28" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	389.79	31.67
		For Dynamic Damper, Add	*159.11*	
		For 3 Hour Rated, Add	*88.40*	
23 33 13 19-0223	EA	28" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	402.43	33.98
		For Dynamic Damper, Add	*162.26*	
		For 3 Hour Rated, Add	*90.15*	
23 33 13 19-0224	EA	28" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	415.07	36.16
		For Dynamic Damper, Add	*165.42*	
		For 3 Hour Rated, Add	*91.90*	
23 33 13 19-0225	EA	28" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	435.68	40.78
		For Dynamic Damper, Add	*169.21*	
		For 3 Hour Rated, Add	*94.01*	
23 33 13 19-0226	EA	28" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	456.30	45.26
		For Dynamic Damper, Add	*173.01*	
		For 3 Hour Rated, Add	*96.11*	
23 33 13 19-0227	EA	28" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	477.11	47.58
		For Dynamic Damper, Add	*180.57*	
		For 3 Hour Rated, Add	*100.32*	
23 33 13 19-0228	EA	28" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	502.40	52.06
		For Dynamic Damper, Add	*186.89*	
		For 3 Hour Rated, Add	*103.83*	
23 33 13 19-0229	EA	32" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	371.55	27.19
		For Dynamic Damper, Add	*156.59*	
		For 3 Hour Rated, Add	*87.00*	
23 33 13 19-0230	EA	32" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	380.65	29.36
		For Dynamic Damper, Add	*157.84*	
		For 3 Hour Rated, Add	*87.69*	
23 33 13 19-0231	EA	32" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	389.79	31.67
		For Dynamic Damper, Add	*159.11*	
		For 3 Hour Rated, Add	*88.40*	
23 33 13 19-0232	EA	32" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	401.26	33.98
		For Dynamic Damper, Add	*161.63*	
		For 3 Hour Rated, Add	*89.80*	
23 33 13 19-0233	EA	32" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	415.51	36.16
		For Dynamic Damper, Add	*165.66*	
		For 3 Hour Rated, Add	*92.03*	
23 33 13 19-0234	EA	32" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	435.68	40.78
		For Dynamic Damper, Add	*169.21*	
		For 3 Hour Rated, Add	*94.01*	
23 33 13 19-0235	EA	32" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	458.63	45.26
		For Dynamic Damper, Add	*174.26*	
		For 3 Hour Rated, Add	*96.81*	
23 33 13 19-0236	EA	32" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	481.60	49.75
		For Dynamic Damper, Add	*179.32*	
		For 3 Hour Rated, Add	*99.62*	
23 33 13 19-0237	EA	32" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	502.40	52.06
		For Dynamic Damper, Add	*186.89*	
		For 3 Hour Rated, Add	*103.83*	
23 33 13 19-0238	EA	32" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	529.65	55.72
		For Dynamic Damper, Add	*195.73*	
		For 3 Hour Rated, Add	*108.74*	
23 33 13 19-0239	EA	32" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	557.86	58.85
		For Dynamic Damper, Add	*205.83*	
		For 3 Hour Rated, Add	*114.35*	
23 33 13 19-0240	EA	36" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	389.35	29.36
		For Dynamic Damper, Add	*162.54*	
		For 3 Hour Rated, Add	*90.30*	
23 33 13 19-0241	EA	36" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	401.03	31.67
		For Dynamic Damper, Add	*165.18*	
		For 3 Hour Rated, Add	*91.77*	
23 33 13 19-0242	EA	36" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	412.72	33.98
		For Dynamic Damper, Add	*167.82*	
		For 3 Hour Rated, Add	*93.23*	
23 33 13 19-0243	EA	36" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	426.87	36.16
		For Dynamic Damper, Add	*171.79*	
		For 3 Hour Rated, Add	*95.44*	
23 33 13 19-0244	EA	36" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	444.16	40.78
		For Dynamic Damper, Add	*173.79*	
		For 3 Hour Rated, Add	*96.55*	
23 33 13 19-0245	EA	36" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	454.63	42.95
		For Dynamic Damper, Add	*175.77*	
		For 3 Hour Rated, Add	*97.65*	
23 33 13 19-0246	EA	36" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	487.26	49.75
		For Dynamic Damper, Add	*182.38*	
		For 3 Hour Rated, Add	*101.32*	
23 33 13 19-0247	EA	36" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	513.08	54.37
		For Dynamic Damper, Add	*188.98*	
		For 3 Hour Rated, Add	*104.99*	
23 33 13 19-0248	EA	36" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	533.22	56.14
		For Dynamic Damper, Add	*196.93*	
		For 3 Hour Rated, Add	*109.40*	
23 33 13 19-0249	EA	36" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	565.04	60.21
		For Dynamic Damper, Add	*207.50*	
		For 3 Hour Rated, Add	*115.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0250	EA	36" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	591.69	63.34
		For Dynamic Damper, Add	*216.76*	
		For 3 Hour Rated, Add	*120.42*	
23 33 13 19-0251	EA	36" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	618.09	65.65
		For Dynamic Damper, Add	*227.34*	
		For 3 Hour Rated, Add	*126.30*	
23 33 13 19-0252	EA	40" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	449.66	33.98
		For Dynamic Damper, Add	*191.44*	
		For 3 Hour Rated, Add	*106.36*	
23 33 13 19-0253	EA	40" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	466.25	36.16
		For Dynamic Damper, Add	*196.73*	
		For 3 Hour Rated, Add	*109.29*	
23 33 13 19-0254	EA	40" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	475.50	38.46
		For Dynamic Damper, Add	*198.05*	
		For 3 Hour Rated, Add	*110.03*	
23 33 13 19-0255	EA	40" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	484.74	40.78
		For Dynamic Damper, Add	*199.37*	
		For 3 Hour Rated, Add	*110.76*	
23 33 13 19-0256	EA	40" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	506.92	42.95
		For Dynamic Damper, Add	*204.01*	
		For 3 Hour Rated, Add	*113.34*	
23 33 13 19-0257	EA	40" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	522.29	45.26
		For Dynamic Damper, Add	*208.64*	
		For 3 Hour Rated, Add	*115.91*	
23 33 13 19-0258	EA	40" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	552.47	52.06
		For Dynamic Damper, Add	*213.93*	
		For 3 Hour Rated, Add	*118.85*	
23 33 13 19-0259	EA	40" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	575.88	56.54
		For Dynamic Damper, Add	*219.22*	
		For 3 Hour Rated, Add	*121.79*	
23 33 13 19-0260	EA	40" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	601.44	60.21
		For Dynamic Damper, Add	*227.16*	
		For 3 Hour Rated, Add	*126.20*	
23 33 13 19-0261	EA	40" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	637.89	63.34
		For Dynamic Damper, Add	*241.70*	
		For 3 Hour Rated, Add	*134.28*	
23 33 13 19-0262	EA	40" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	663.44	67.01
		For Dynamic Damper, Add	*249.63*	
		For 3 Hour Rated, Add	*138.68*	
23 33 13 19-0263	EA	40" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	695.83	68.78
		For Dynamic Damper, Add	*264.18*	
		For 3 Hour Rated, Add	*146.77*	
23 33 13 19-0264	EA	40" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	731.21	72.45
		For Dynamic Damper, Add	*277.41*	
		For 3 Hour Rated, Add	*154.12*	
23 33 13 19-0265	EA	44" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	461.36	33.98
		For Dynamic Damper, Add	*194.09*	
		For 3 Hour Rated, Add	*107.83*	
23 33 13 19-0266	EA	44" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	477.95	36.16
		For Dynamic Damper, Add	*199.37*	
		For 3 Hour Rated, Add	*110.76*	
23 33 13 19-0267	EA	44" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	492.11	38.46
		For Dynamic Damper, Add	*203.35*	
		For 3 Hour Rated, Add	*112.97*	
23 33 13 19-0268	EA	44" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	501.36	40.78
		For Dynamic Damper, Add	*204.68*	
		For 3 Hour Rated, Add	*113.71*	
23 33 13 19-0269	EA	44" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	517.95	42.95
		For Dynamic Damper, Add	*209.96*	
		For 3 Hour Rated, Add	*116.65*	
23 33 13 19-0270	EA	44" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	534.53	45.26
		For Dynamic Damper, Add	*215.25*	
		For 3 Hour Rated, Add	*119.58*	
23 33 13 19-0271	EA	44" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	573.98	54.37
		For Dynamic Damper, Add	*221.87*	
		For 3 Hour Rated, Add	*123.26*	
23 33 13 19-0272	EA	44" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	599.80	58.85
		For Dynamic Damper, Add	*228.47*	
		For 3 Hour Rated, Add	*126.93*	
23 33 13 19-0273	EA	44" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	637.89	63.34
		For Dynamic Damper, Add	*241.70*	
		For 3 Hour Rated, Add	*134.28*	
23 33 13 19-0274	EA	44" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	673.54	67.97
		For Dynamic Damper, Add	*253.61*	
		For 3 Hour Rated, Add	*140.90*	
23 33 13 19-0275	EA	44" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	711.59	72.45
		For Dynamic Damper, Add	*266.82*	
		For 3 Hour Rated, Add	*148.23*	
23 33 13 19-0276	EA	44" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	740.44	74.62
		For Dynamic Damper, Add	*278.73*	
		For 3 Hour Rated, Add	*154.85*	
23 33 13 19-0277	EA	44" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	769.28	76.93
		For Dynamic Damper, Add	*290.63*	
		For 3 Hour Rated, Add	*161.46*	

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23 33 13 19-0278	EA	44" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	798.13	79.24
		For Dynamic Damper, Add	*302.54*	
		For 3 Hour Rated, Add	*168.08*	
23 33 13 19-0279	EA	48" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	475.50	36.16
		For Dynamic Damper, Add	*198.05*	
		For 3 Hour Rated, Add	*110.03*	
23 33 13 19-0280	EA	48" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	492.11	38.46
		For Dynamic Damper, Add	*203.35*	
		For 3 Hour Rated, Add	*112.97*	
23 33 13 19-0281	EA	48" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	501.36	40.78
		For Dynamic Damper, Add	*204.68*	
		For 3 Hour Rated, Add	*113.71*	
23 33 13 19-0282	EA	48" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	522.29	45.26
		For Dynamic Damper, Add	*208.64*	
		For 3 Hour Rated, Add	*115.91*	
23 33 13 19-0283	EA	48" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	545.68	49.75
		For Dynamic Damper, Add	*213.93*	
		For 3 Hour Rated, Add	*118.85*	
23 33 13 19-0284	EA	48" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	569.08	54.37
		For Dynamic Damper, Add	*219.22*	
		For 3 Hour Rated, Add	*121.79*	
23 33 13 19-0285	EA	48" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	597.36	58.85
		For Dynamic Damper, Add	*227.16*	
		For 3 Hour Rated, Add	*126.20*	
23 33 13 19-0286	EA	48" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	625.63	63.34
		For Dynamic Damper, Add	*235.08*	
		For 3 Hour Rated, Add	*130.60*	
23 33 13 19-0287	EA	48" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	661.28	67.97
		For Dynamic Damper, Add	*246.99*	
		For 3 Hour Rated, Add	*137.22*	
23 33 13 19-0288	EA	48" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	701.80	72.45
		For Dynamic Damper, Add	*261.53*	
		For 3 Hour Rated, Add	*145.30*	
23 33 13 19-0289	EA	48" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	730.67	74.62
		For Dynamic Damper, Add	*273.45*	
		For 3 Hour Rated, Add	*151.92*	
23 33 13 19-0290	EA	48" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	766.83	76.93
		For Dynamic Damper, Add	*289.31*	
		For 3 Hour Rated, Add	*160.73*	
23 33 13 19-0291	EA	48" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	802.48	81.41
		For Dynamic Damper, Add	*301.22*	
		For 3 Hour Rated, Add	*167.34*	
23 33 13 19-0292	EA	48" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	838.65	83.73
		For Dynamic Damper, Add	*317.08*	
		For 3 Hour Rated, Add	*176.16*	
23 33 13 19-0293	EA	48" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	878.63	90.53
		For Dynamic Damper, Add	*327.67*	
		For 3 Hour Rated, Add	*182.04*	
23 33 13 19-0294	EA	52" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	489.66	38.46
		For Dynamic Damper, Add	*202.03*	
		For 3 Hour Rated, Add	*112.24*	
23 33 13 19-0295	EA	52" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	506.25	40.78
		For Dynamic Damper, Add	*207.32*	
		For 3 Hour Rated, Add	*115.18*	
23 33 13 19-0296	EA	52" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	529.63	45.26
		For Dynamic Damper, Add	*212.60*	
		For 3 Hour Rated, Add	*118.11*	
23 33 13 19-0297	EA	52" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	545.68	49.75
		For Dynamic Damper, Add	*213.93*	
		For 3 Hour Rated, Add	*118.85*	
23 33 13 19-0298	EA	52" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	570.30	54.37
		For Dynamic Damper, Add	*219.88*	
		For 3 Hour Rated, Add	*122.16*	
23 33 13 19-0299	EA	52" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	594.91	58.85
		For Dynamic Damper, Add	*225.83*	
		For 3 Hour Rated, Add	*125.46*	
23 33 13 19-0300	EA	52" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	623.19	63.34
		For Dynamic Damper, Add	*233.77*	
		For 3 Hour Rated, Add	*129.87*	
23 33 13 19-0301	EA	52" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	651.49	67.97
		For Dynamic Damper, Add	*241.70*	
		For 3 Hour Rated, Add	*134.28*	
23 33 13 19-0302	EA	52" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	687.13	72.45
		For Dynamic Damper, Add	*253.61*	
		For 3 Hour Rated, Add	*140.90*	
23 33 13 19-0303	EA	52" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	730.09	76.93
		For Dynamic Damper, Add	*269.47*	
		For 3 Hour Rated, Add	*149.71*	
23 33 13 19-0304	EA	52" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	761.37	79.24
		For Dynamic Damper, Add	*282.69*	
		For 3 Hour Rated, Add	*157.05*	
23 33 13 19-0305	EA	52" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	800.02	81.41
		For Dynamic Damper, Add	*299.89*	
		For 3 Hour Rated, Add	*166.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0306	EA	52" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	842.98	86.04
		For Dynamic Damper, Add	*315.75*	
		For 3 Hour Rated, Add	*175.42*	
23 33 13 19-0307	EA	52" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	878.63	90.53
		For Dynamic Damper, Add	*327.67*	
		For 3 Hour Rated, Add	*182.04*	
23 33 13 19-0308	EA	52" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	928.41	97.32
		For Dynamic Damper, Add	*343.54*	
		For 3 Hour Rated, Add	*190.85*	
23 33 13 19-0309	EA	52" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	966.51	101.80
		For Dynamic Damper, Add	*356.77*	
		For 3 Hour Rated, Add	*198.20*	
23 33 13 19-0310	EA	56" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	501.36	40.78
		For Dynamic Damper, Add	*204.68*	
		For 3 Hour Rated, Add	*113.71*	
23 33 13 19-0311	EA	56" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	527.18	45.26
		For Dynamic Damper, Add	*211.28*	
		For 3 Hour Rated, Add	*117.38*	
23 33 13 19-0312	EA	56" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	548.13	49.75
		For Dynamic Damper, Add	*215.25*	
		For 3 Hour Rated, Add	*119.58*	
23 33 13 19-0313	EA	56" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	564.16	54.37
		For Dynamic Damper, Add	*216.57*	
		For 3 Hour Rated, Add	*120.32*	
23 33 13 19-0314	EA	56" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	591.23	58.85
		For Dynamic Damper, Add	*223.85*	
		For 3 Hour Rated, Add	*124.36*	
23 33 13 19-0315	EA	56" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	618.29	63.34
		For Dynamic Damper, Add	*231.12*	
		For 3 Hour Rated, Add	*128.40*	
23 33 13 19-0316	EA	56" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	645.36	67.97
		For Dynamic Damper, Add	*238.39*	
		For 3 Hour Rated, Add	*132.44*	
23 33 13 19-0317	EA	56" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	672.41	72.45
		For Dynamic Damper, Add	*245.66*	
		For 3 Hour Rated, Add	*136.48*	
23 33 13 19-0318	EA	56" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	715.39	76.93
		For Dynamic Damper, Add	*261.53*	
		For 3 Hour Rated, Add	*145.30*	
23 33 13 19-0319	EA	56" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	751.60	79.24
		For Dynamic Damper, Add	*277.41*	
		For 3 Hour Rated, Add	*154.12*	
23 33 13 19-0320	EA	56" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	785.33	81.41
		For Dynamic Damper, Add	*291.96*	
		For 3 Hour Rated, Add	*162.20*	
23 33 13 19-0321	EA	56" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	833.21	86.04
		For Dynamic Damper, Add	*310.47*	
		For 3 Hour Rated, Add	*172.49*	
23 33 13 19-0322	EA	56" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	876.18	90.53
		For Dynamic Damper, Add	*326.34*	
		For 3 Hour Rated, Add	*181.30*	
23 33 13 19-0323	EA	56" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	921.62	95.01
		For Dynamic Damper, Add	*343.54*	
		For 3 Hour Rated, Add	*190.85*	
23 33 13 19-0324	EA	56" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	959.71	99.63
		For Dynamic Damper, Add	*356.77*	
		For 3 Hour Rated, Add	*198.20*	
23 33 13 19-0325	EA	56" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,005.14	104.12
		For Dynamic Damper, Add	*373.96*	
		For 3 Hour Rated, Add	*207.76*	
23 33 13 19-0326	EA	56" x 56" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,050.57	108.60
		For Dynamic Damper, Add	*391.15*	
		For 3 Hour Rated, Add	*217.31*	
23 33 13 19-0327	EA	60" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	522.29	45.26
		For Dynamic Damper, Add	*208.64*	
		For 3 Hour Rated, Add	*115.91*	
23 33 13 19-0328	EA	60" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	548.13	49.75
		For Dynamic Damper, Add	*215.25*	
		For 3 Hour Rated, Add	*119.58*	
23 33 13 19-0329	EA	60" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	566.61	54.37
		For Dynamic Damper, Add	*217.89*	
		For 3 Hour Rated, Add	*121.05*	
23 33 13 19-0330	EA	60" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	582.67	58.85
		For Dynamic Damper, Add	*219.22*	
		For 3 Hour Rated, Add	*121.79*	
23 33 13 19-0331	EA	60" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	610.95	63.34
		For Dynamic Damper, Add	*227.16*	
		For 3 Hour Rated, Add	*126.20*	
23 33 13 19-0332	EA	60" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	639.23	67.97
		For Dynamic Damper, Add	*235.08*	
		For 3 Hour Rated, Add	*130.60*	
23 33 13 19-0333	EA	60" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	668.74	72.45
		For Dynamic Damper, Add	*243.68*	
		For 3 Hour Rated, Add	*135.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0334	EA	60" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	698.25	76.93
		For Dynamic Damper, Add	*252.28*	
		For 3 Hour Rated, Add	*140.15*	
23 33 13 19-0335	EA	60" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	736.89	79.24
		For Dynamic Damper, Add	*269.47*	
		For 3 Hour Rated, Add	*149.71*	
23 33 13 19-0336	EA	60" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	773.07	81.41
		For Dynamic Damper, Add	*285.34*	
		For 3 Hour Rated, Add	*158.52*	
23 33 13 19-0337	EA	60" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	818.52	86.04
		For Dynamic Damper, Add	*302.54*	
		For 3 Hour Rated, Add	*168.08*	
23 33 13 19-0338	EA	60" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	863.94	90.53
		For Dynamic Damper, Add	*319.73*	
		For 3 Hour Rated, Add	*177.63*	
23 33 13 19-0339	EA	60" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	902.02	95.01
		For Dynamic Damper, Add	*332.95*	
		For 3 Hour Rated, Add	*184.97*	
23 33 13 19-0340	EA	60" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	954.79	99.63
		For Dynamic Damper, Add	*354.11*	
		For 3 Hour Rated, Add	*196.73*	
23 33 13 19-0341	EA	60" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,002.67	104.12
		For Dynamic Damper, Add	*372.63*	
		For 3 Hour Rated, Add	*207.02*	
23 33 13 19-0342	EA	60" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,050.57	108.60
		For Dynamic Damper, Add	*391.15*	
		For 3 Hour Rated, Add	*217.31*	
23 33 13 19-0343	EA	60" x 56" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,093.52	113.22
		For Dynamic Damper, Add	*407.00*	
		For 3 Hour Rated, Add	*226.11*	
23 33 13 19-0344	EA	60" x 60" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,136.53	117.71
		For Dynamic Damper, Add	*422.89*	
		For 3 Hour Rated, Add	*234.94*	

23 33 13 23 Backdraft Dampers *(23 33 13)*

23 33 13 23-0001 Horizontally Mounted Backdraft Damper *(23 33 13 23)*

Note: Galvanized steel frame, aluminum blades. Exclude motor pack.

23 33 13 23-0002	EA	6" x 6" Horizontally Mounted Backdraft Damper	121.27	15.09
23 33 13 23-0003	EA	8" x 6" Horizontally Mounted Backdraft Damper	148.63	15.77
23 33 13 23-0004	EA	8" x 8" Horizontally Mounted Backdraft Damper	182.67	15.90
23 33 13 23-0005	EA	10" x 6" Horizontally Mounted Backdraft Damper	174.24	15.90
23 33 13 23-0006	EA	10" x 8" Horizontally Mounted Backdraft Damper	165.54	16.32
23 33 13 23-0007	EA	10" x 10" Horizontally Mounted Backdraft Damper	200.12	18.08
23 33 13 23-0008	EA	12" x 6" Horizontally Mounted Backdraft Damper	153.88	16.32
23 33 13 23-0009	EA	12" x 8" Horizontally Mounted Backdraft Damper	194.29	18.08
23 33 13 23-0010	EA	12" x 10" Horizontally Mounted Backdraft Damper	184.47	19.03
23 33 13 23-0011	EA	12" x 12" Horizontally Mounted Backdraft Damper	214.03	20.39
23 33 13 23-0012	EA	14" x 6" Horizontally Mounted Backdraft Damper	174.08	17.26
23 33 13 23-0013	EA	14" x 8" Horizontally Mounted Backdraft Damper	175.97	19.03
23 33 13 23-0014	EA	14" x 10" Horizontally Mounted Backdraft Damper	209.80	20.39
23 33 13 23-0015	EA	14" x 12" Horizontally Mounted Backdraft Damper	182.30	22.70
23 33 13 23-0016	EA	14" x 14" Horizontally Mounted Backdraft Damper	208.14	24.87
23 33 13 23-0017	EA	16" x 6" Horizontally Mounted Backdraft Damper	194.29	18.08
23 33 13 23-0018	EA	16" x 8" Horizontally Mounted Backdraft Damper	197.04	20.39
23 33 13 23-0019	EA	16" x 10" Horizontally Mounted Backdraft Damper	176.86	22.70
23 33 13 23-0020	EA	16" x 12" Horizontally Mounted Backdraft Damper	198.62	22.70
23 33 13 23-0021	EA	16" x 14" Horizontally Mounted Backdraft Damper	227.20	24.87
23 33 13 23-0022	EA	16" x 16" Horizontally Mounted Backdraft Damper	255.75	27.19
23 33 13 23-0023	EA	18" x 6" Horizontally Mounted Backdraft Damper	171.74	19.03
23 33 13 23-0024	EA	18" x 8" Horizontally Mounted Backdraft Damper	159.15	20.39
23 33 13 23-0025	EA	18" x 10" Horizontally Mounted Backdraft Damper	190.44	22.70
23 33 13 23-0026	EA	18" x 12" Horizontally Mounted Backdraft Damper	221.72	24.87
23 33 13 23-0027	EA	18" x 14" Horizontally Mounted Backdraft Damper	253.02	27.19
23 33 13 23-0028	EA	18" x 16" Horizontally Mounted Backdraft Damper	290.59	29.36
23 33 13 23-0029	EA	18" x 18" Horizontally Mounted Backdraft Damper	329.46	33.98
23 33 13 23-0030	EA	18" x 20" Horizontally Mounted Backdraft Damper	262.07	36.16
23 33 13 23-0031	EA	18" x 24" Horizontally Mounted Backdraft Damper	306.30	40.78
23 33 13 23-0032	EA	20" x 6" Horizontally Mounted Backdraft Damper	188.55	20.39
23 33 13 23-0033	EA	20" x 8" Horizontally Mounted Backdraft Damper	176.86	22.70
23 33 13 23-0034	EA	20" x 10" Horizontally Mounted Backdraft Damper	210.84	24.87
23 33 13 23-0035	EA	20" x 12" Horizontally Mounted Backdraft Damper	244.88	27.19
23 33 13 23-0036	EA	20" x 14" Horizontally Mounted Backdraft Damper	284.98	29.36
23 33 13 23-0037	EA	20" x 16" Horizontally Mounted Backdraft Damper	319.85	31.67
23 33 13 23-0038	EA	20" x 18" Horizontally Mounted Backdraft Damper	262.07	36.16
23 33 13 23-0039	EA	20" x 20" Horizontally Mounted Backdraft Damper	279.09	36.16
23 33 13 23-0040	EA	20" x 24" Horizontally Mounted Backdraft Damper	326.74	40.78
23 33 13 23-0041	EA	20" x 28" Horizontally Mounted Backdraft Damper	374.39	45.26
23 33 13 23-0042	EA	20" x 32" Horizontally Mounted Backdraft Damper	344.19	49.75
23 33 13 23-0043	EA	20" x 36" Horizontally Mounted Backdraft Damper	382.10	54.37
23 33 13 23-0044	EA	24" x 6" Horizontally Mounted Backdraft Damper	165.95	22.70
23 33 13 23-0045	EA	24" x 8" Horizontally Mounted Backdraft Damper	205.41	24.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0046	EA	24" x 10" Horizontally Mounted Backdraft Damper	244.88	27.19
23 33 13 23-0047	EA	24" x 12" Horizontally Mounted Backdraft Damper	290.59	29.36
23 33 13 23-0048	EA	24" x 14" Horizontally Mounted Backdraft Damper	245.03	33.98
23 33 13 23-0049	EA	24" x 16" Horizontally Mounted Backdraft Damper	272.27	36.16
23 33 13 23-0050	EA	24" x 18" Horizontally Mounted Backdraft Damper	306.30	40.78
23 33 13 23-0051	EA	24" x 20" Horizontally Mounted Backdraft Damper	326.74	40.78
23 33 13 23-0052	EA	24" x 24" Horizontally Mounted Backdraft Damper	381.21	45.26
23 33 13 23-0053	EA	24" x 28" Horizontally Mounted Backdraft Damper	353.90	49.75
23 33 13 23-0054	EA	24" x 32" Horizontally Mounted Backdraft Damper	396.71	54.37
23 33 13 23-0055	EA	24" x 36" Horizontally Mounted Backdraft Damper	439.48	58.85
23 33 13 23-0056	EA	24" x 40" Horizontally Mounted Backdraft Damper	423.89	63.34
23 33 13 23-0057	EA	24" x 44" Horizontally Mounted Backdraft Damper	460.84	67.97
23 33 13 23-0058	EA	24" x 48" Horizontally Mounted Backdraft Damper	484.20	67.97
23 33 13 23-0059	EA	28" x 6" Horizontally Mounted Backdraft Damper	182.30	22.70
23 33 13 23-0060	EA	28" x 8" Horizontally Mounted Backdraft Damper	227.20	24.87
23 33 13 23-0061	EA	28" x 10" Horizontally Mounted Backdraft Damper	284.98	29.36
23 33 13 23-0062	EA	28" x 12" Horizontally Mounted Backdraft Damper	245.03	33.98
23 33 13 23-0063	EA	28" x 14" Horizontally Mounted Backdraft Damper	275.68	36.16
23 33 13 23-0064	EA	28" x 16" Horizontally Mounted Backdraft Damper	313.13	40.78
23 33 13 23-0065	EA	28" x 18" Horizontally Mounted Backdraft Damper	350.57	45.26
23 33 13 23-0066	EA	28" x 20" Horizontally Mounted Backdraft Damper	374.39	45.26
23 33 13 23-0067	EA	28" x 24" Horizontally Mounted Backdraft Damper	353.90	49.75
23 33 13 23-0068	EA	28" x 28" Horizontally Mounted Backdraft Damper	401.58	54.37
23 33 13 23-0069	EA	28" x 32" Horizontally Mounted Backdraft Damper	449.23	58.85
23 33 13 23-0070	EA	28" x 36" Horizontally Mounted Backdraft Damper	449.15	67.97
23 33 13 23-0071	EA	28" x 40" Horizontally Mounted Backdraft Damper	476.42	67.97
23 33 13 23-0072	EA	28" x 44" Horizontally Mounted Backdraft Damper	517.24	72.45
23 33 13 23-0073	EA	28" x 48" Horizontally Mounted Backdraft Damper	558.09	76.93
23 33 13 23-0074	EA	28" x 52" Horizontally Mounted Backdraft Damper	585.36	76.93
23 33 13 23-0075	EA	28" x 56" Horizontally Mounted Backdraft Damper	578.52	81.41
23 33 13 23-0076	EA	28" x 60" Horizontally Mounted Backdraft Damper	602.34	81.41
23 33 13 23-0077	EA	32" x 6" Horizontally Mounted Backdraft Damper	205.41	24.87
23 33 13 23-0078	EA	32" x 8" Horizontally Mounted Backdraft Damper	268.13	29.36
23 33 13 23-0079	EA	32" x 10" Horizontally Mounted Backdraft Damper	319.85	31.67
23 33 13 23-0080	EA	32" x 12" Horizontally Mounted Backdraft Damper	272.27	36.16
23 33 13 23-0081	EA	32" x 14" Horizontally Mounted Backdraft Damper	313.13	40.78
23 33 13 23-0082	EA	32" x 16" Horizontally Mounted Backdraft Damper	353.95	45.26
23 33 13 23-0083	EA	32" x 18" Horizontally Mounted Backdraft Damper	311.11	45.26
23 33 13 23-0084	EA	32" x 20" Horizontally Mounted Backdraft Damper	344.19	49.75
23 33 13 23-0085	EA	32" x 24" Horizontally Mounted Backdraft Damper	396.71	54.37
23 33 13 23-0086	EA	32" x 28" Horizontally Mounted Backdraft Damper	449.23	58.85
23 33 13 23-0087	EA	32" x 32" Horizontally Mounted Backdraft Damper	453.06	67.97
23 33 13 23-0088	EA	32" x 36" Horizontally Mounted Backdraft Damper	484.20	67.97
23 33 13 23-0089	EA	32" x 40" Horizontally Mounted Backdraft Damper	528.93	72.45
23 33 13 23-0090	EA	32" x 44" Horizontally Mounted Backdraft Damper	573.66	76.93
23 33 13 23-0091	EA	32" x 48" Horizontally Mounted Backdraft Damper	571.69	81.41
23 33 13 23-0092	EA	32" x 52" Horizontally Mounted Backdraft Damper	598.96	81.41
23 33 13 23-0093	EA	32" x 56" Horizontally Mounted Backdraft Damper	639.78	86.04
23 33 13 23-0094	EA	32" x 60" Horizontally Mounted Backdraft Damper	667.05	86.04
23 33 13 23-0095	EA	32" x 64" Horizontally Mounted Backdraft Damper	645.58	90.53
23 33 13 23-0096	EA	32" x 68" Horizontally Mounted Backdraft Damper	668.93	90.53
23 33 13 23-0097	EA	32" x 72" Horizontally Mounted Backdraft Damper	705.89	95.01
23 33 13 23-0098	EA	36" x 6" Horizontally Mounted Backdraft Damper	221.72	24.87
23 33 13 23-0099	EA	36" x 8" Horizontally Mounted Backdraft Damper	297.38	31.67
23 33 13 23-0100	EA	36" x 10" Horizontally Mounted Backdraft Damper	262.07	36.16
23 33 13 23-0101	EA	36" x 12" Horizontally Mounted Backdraft Damper	306.30	40.78
23 33 13 23-0102	EA	36" x 14" Horizontally Mounted Backdraft Damper	350.57	45.26
23 33 13 23-0103	EA	36" x 16" Horizontally Mounted Backdraft Damper	311.11	45.26
23 33 13 23-0104	EA	36" x 18" Horizontally Mounted Backdraft Damper	346.61	49.75
23 33 13 23-0105	EA	36" x 20" Horizontally Mounted Backdraft Damper	382.10	54.37
23 33 13 23-0106	EA	36" x 24" Horizontally Mounted Backdraft Damper	439.48	58.85
23 33 13 23-0107	EA	36" x 28" Horizontally Mounted Backdraft Damper	449.15	67.97
23 33 13 23-0108	EA	36" x 32" Horizontally Mounted Backdraft Damper	484.20	67.97
23 33 13 23-0109	EA	36" x 36" Horizontally Mounted Backdraft Damper	532.81	72.45
23 33 13 23-0110	EA	36" x 40" Horizontally Mounted Backdraft Damper	581.45	76.93
23 33 13 23-0111	EA	36" x 44" Horizontally Mounted Backdraft Damper	581.90	81.41
23 33 13 23-0112	EA	36" x 48" Horizontally Mounted Backdraft Damper	626.17	86.04
23 33 13 23-0113	EA	36" x 52" Horizontally Mounted Backdraft Damper	656.81	86.04
23 33 13 23-0114	EA	36" x 56" Horizontally Mounted Backdraft Damper	639.75	90.53
23 33 13 23-0115	EA	36" x 60" Horizontally Mounted Backdraft Damper	666.02	90.53
23 33 13 23-0116	EA	36" x 64" Horizontally Mounted Backdraft Damper	705.89	95.01
23 33 13 23-0117	EA	36" x 68" Horizontally Mounted Backdraft Damper	732.16	95.01
23 33 13 23-0118	EA	36" x 72" Horizontally Mounted Backdraft Damper	758.47	95.01
23 33 13 23-0119	EA	40" x 6" Horizontally Mounted Backdraft Damper	244.88	27.19
23 33 13 23-0120	EA	40" x 8" Horizontally Mounted Backdraft Damper	326.65	33.98
23 33 13 23-0121	EA	40" x 10" Horizontally Mounted Backdraft Damper	279.09	36.16
23 33 13 23-0122	EA	40" x 12" Horizontally Mounted Backdraft Damper	326.74	40.78
23 33 13 23-0123	EA	40" x 14" Horizontally Mounted Backdraft Damper	374.39	45.26
23 33 13 23-0124	EA	40" x 16" Horizontally Mounted Backdraft Damper	344.19	49.75
23 33 13 23-0125	EA	40" x 18" Horizontally Mounted Backdraft Damper	382.10	54.37
23 33 13 23-0126	EA	40" x 20" Horizontally Mounted Backdraft Damper	420.00	58.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0127	EA	40" x 24" Horizontally Mounted Backdraft Damper	423.89	63.34
23 33 13 23-0128	EA	40" x 28" Horizontally Mounted Backdraft Damper	476.42	67.97
23 33 13 23-0129	EA	40" x 32" Horizontally Mounted Backdraft Damper	528.93	72.45
23 33 13 23-0130	EA	40" x 36" Horizontally Mounted Backdraft Damper	581.45	76.93
23 33 13 23-0131	EA	40" x 40" Horizontally Mounted Backdraft Damper	585.31	81.41
23 33 13 23-0132	EA	40" x 44" Horizontally Mounted Backdraft Damper	632.96	86.04
23 33 13 23-0133	EA	40" x 48" Horizontally Mounted Backdraft Damper	667.05	86.04
23 33 13 23-0134	EA	40" x 50" Horizontally Mounted Backdraft Damper	636.83	90.53
23 33 13 23-0135	EA	44" x 6" Horizontally Mounted Backdraft Damper	273.74	29.36
23 33 13 23-0136	EA	44" x 8" Horizontally Mounted Backdraft Damper	258.65	36.16
23 33 13 23-0137	EA	44" x 10" Horizontally Mounted Backdraft Damper	309.71	40.78
23 33 13 23-0138	EA	44" x 12" Horizontally Mounted Backdraft Damper	360.77	45.26
23 33 13 23-0139	EA	44" x 14" Horizontally Mounted Backdraft Damper	336.87	49.75
23 33 13 23-0140	EA	44" x 16" Horizontally Mounted Backdraft Damper	377.23	54.37
23 33 13 23-0141	EA	44" x 18" Horizontally Mounted Backdraft Damper	404.00	54.37
23 33 13 23-0142	EA	44" x 20" Horizontally Mounted Backdraft Damper	444.35	58.85
23 33 13 23-0143	EA	44" x 24" Horizontally Mounted Backdraft Damper	460.84	67.97
23 33 13 23-0144	EA	44" x 28" Horizontally Mounted Backdraft Damper	517.24	72.45
23 33 13 23-0145	EA	44" x 32" Horizontally Mounted Backdraft Damper	573.66	76.93
23 33 13 23-0146	EA	44" x 36" Horizontally Mounted Backdraft Damper	581.90	81.41
23 33 13 23-0147	EA	44" x 40" Horizontally Mounted Backdraft Damper	632.96	86.04
23 33 13 23-0148	EA	44" x 44" Horizontally Mounted Backdraft Damper	670.42	86.04
23 33 13 23-0149	EA	44" x 48" Horizontally Mounted Backdraft Damper	657.27	90.53
23 33 13 23-0150	EA	44" x 50" Horizontally Mounted Backdraft Damper	673.30	90.53
23 33 13 23-0151	EA	48" x 6" Horizontally Mounted Backdraft Damper	297.38	31.67
23 33 13 23-0152	EA	48" x 8" Horizontally Mounted Backdraft Damper	272.27	36.16
23 33 13 23-0153	EA	48" x 10" Horizontally Mounted Backdraft Damper	326.74	40.78
23 33 13 23-0154	EA	48" x 12" Horizontally Mounted Backdraft Damper	311.11	45.26
23 33 13 23-0155	EA	48" x 14" Horizontally Mounted Backdraft Damper	353.90	49.75
23 33 13 23-0156	EA	48" x 16" Horizontally Mounted Backdraft Damper	396.71	54.37
23 33 13 23-0157	EA	48" x 18" Horizontally Mounted Backdraft Damper	439.48	58.85
23 33 13 23-0158	EA	48" x 20" Horizontally Mounted Backdraft Damper	423.89	63.34
23 33 13 23-0159	EA	48" x 24" Horizontally Mounted Backdraft Damper	484.20	67.97
23 33 13 23-0160	EA	48" x 28" Horizontally Mounted Backdraft Damper	558.09	76.93
23 33 13 23-0161	EA	48" x 32" Horizontally Mounted Backdraft Damper	571.69	81.41
23 33 13 23-0162	EA	48" x 36" Horizontally Mounted Backdraft Damper	626.17	86.04
23 33 13 23-0163	EA	48" x 40" Horizontally Mounted Backdraft Damper	667.05	86.04
23 33 13 23-0164	EA	48" x 44" Horizontally Mounted Backdraft Damper	657.27	90.53
23 33 13 23-0165	EA	48" x 48" Horizontally Mounted Backdraft Damper	705.89	95.01
23 33 13 23-0166	EA	48" x 50" Horizontally Mounted Backdraft Damper	723.41	95.01
23 33 13 23-0167	EA	50" x 6" Horizontally Mounted Backdraft Damper	305.81	31.67
23 33 13 23-0168	EA	50" x 8" Horizontally Mounted Backdraft Damper	292.68	40.78
23 33 13 23-0169	EA	50" x 10" Horizontally Mounted Backdraft Damper	348.86	45.26
23 33 13 23-0170	EA	50" x 12" Horizontally Mounted Backdraft Damper	332.00	49.75
23 33 13 23-0171	EA	50" x 14" Horizontally Mounted Backdraft Damper	376.02	54.37
23 33 13 23-0172	EA	50" x 16" Horizontally Mounted Backdraft Damper	420.00	58.85
23 33 13 23-0173	EA	50" x 18" Horizontally Mounted Backdraft Damper	464.02	63.34
23 33 13 23-0174	EA	50" x 20" Horizontally Mounted Backdraft Damper	447.19	67.97
23 33 13 23-0175	EA	50" x 24" Horizontally Mounted Backdraft Damper	509.45	72.45
23 33 13 23-0176	EA	50" x 28" Horizontally Mounted Backdraft Damper	571.71	76.93
23 33 13 23-0177	EA	50" x 32" Horizontally Mounted Backdraft Damper	585.31	81.41
23 33 13 23-0178	EA	50" x 36" Horizontally Mounted Backdraft Damper	641.49	86.04
23 33 13 23-0179	EA	50" x 40" Horizontally Mounted Backdraft Damper	636.83	90.53
23 33 13 23-0180	EA	50" x 44" Horizontally Mounted Backdraft Damper	673.30	90.53
23 33 13 23-0181	EA	50" x 48" Horizontally Mounted Backdraft Damper	723.41	95.01
23 33 13 23-0182	EA	50" x 50" Horizontally Mounted Backdraft Damper	741.65	95.01

23 33 13 23-0183 Vertically Mounted Backdraft Damper *(23 33 13 23)*

Note: Galvanized steel frame, aluminum blades. Excludes motor pack.

23 33 13 23-0184	EA	6" x 6" Vertically Mounted Backdraft Damper	132.78	15.09
23 33 13 23-0185	EA	8" x 6" Vertically Mounted Backdraft Damper	164.02	15.77
23 33 13 23-0186	EA	10" x 6" Vertically Mounted Backdraft Damper	169.16	15.90
23 33 13 23-0187	EA	8" x 8" Vertically Mounted Backdraft Damper	177.27	15.90
23 33 13 23-0188	EA	12" x 6" Vertically Mounted Backdraft Damper	194.84	16.32
23 33 13 23-0189	EA	10" x 8" Vertically Mounted Backdraft Damper	216.48	18.08
23 33 13 23-0190	EA	14" x 6" Vertically Mounted Backdraft Damper	219.15	16.32
23 33 13 23-0191	EA	12" x 8" Vertically Mounted Backdraft Damper	248.90	18.08
23 33 13 23-0192	EA	16" x 6" Vertically Mounted Backdraft Damper	251.62	19.03
23 33 13 23-0193	EA	10" x 10" Vertically Mounted Backdraft Damper	263.80	20.39
23 33 13 23-0194	EA	18" x 6" Vertically Mounted Backdraft Damper	211.62	17.26
23 33 13 23-0195	EA	14" x 8" Vertically Mounted Backdraft Damper	223.00	19.03
23 33 13 23-0196	EA	12" x 10" Vertically Mounted Backdraft Damper	238.92	20.39
23 33 13 23-0197	EA	20" x 6" Vertically Mounted Backdraft Damper	245.72	22.70
23 33 13 23-0198	EA	16" x 8" Vertically Mounted Backdraft Damper	264.35	24.87
23 33 13 23-0199	EA	14" x 10" Vertically Mounted Backdraft Damper	261.73	18.08
23 33 13 23-0200	EA	12" x 12" Vertically Mounted Backdraft Damper	274.47	20.39
23 33 13 23-0201	EA	18" x 8" Vertically Mounted Backdraft Damper	237.76	22.70
23 33 13 23-0202	EA	24" x 6" Vertically Mounted Backdraft Damper	237.76	22.70
23 33 13 23-0203	EA	16" x 10" Vertically Mounted Backdraft Damper	263.39	24.87
23 33 13 23-0204	EA	20" x 8" Vertically Mounted Backdraft Damper	270.19	27.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0205	EA	14" x 12" Vertically Mounted Backdraft Damper	255.14	19.03
23 33 13 23-0206	EA	28" x 6" Vertically Mounted Backdraft Damper	259.22	20.39
23 33 13 23-0207	EA	18" x 10" Vertically Mounted Backdraft Damper	280.17	22.70
23 33 13 23-0208	EA	16" x 12" Vertically Mounted Backdraft Damper	301.11	24.87
23 33 13 23-0209	EA	24" x 8" Vertically Mounted Backdraft Damper	307.91	27.19
23 33 13 23-0210	EA	32" x 6" Vertically Mounted Backdraft Damper	314.70	29.36
23 33 13 23-0211	EA	14" x 14" Vertically Mounted Backdraft Damper	333.01	33.98
23 33 13 23-0212	EA	20" x 10" Vertically Mounted Backdraft Damper	328.15	36.16
23 33 13 23-0213	EA	18" x 12" Vertically Mounted Backdraft Damper	359.31	40.78
23 33 13 23-0214	EA	36" x 6" Vertically Mounted Backdraft Damper	298.15	20.39
23 33 13 23-0215	EA	16" x 14" Vertically Mounted Backdraft Damper	313.73	22.70
23 33 13 23-0216	EA	28" x 8" Vertically Mounted Backdraft Damper	320.52	24.87
23 33 13 23-0217	EA	20" x 12" Vertically Mounted Backdraft Damper	344.84	27.19
23 33 13 23-0218	EA	24" x 10" Vertically Mounted Backdraft Damper	351.63	29.36
23 33 13 23-0219	EA	40" x 6" Vertically Mounted Backdraft Damper	358.42	31.67
23 33 13 23-0220	EA	18" x 14" Vertically Mounted Backdraft Damper	385.21	36.16
23 33 13 23-0221	EA	16" x 16" Vertically Mounted Backdraft Damper	389.58	36.16
23 33 13 23-0222	EA	32" x 8" Vertically Mounted Backdraft Damper	403.17	40.78
23 33 13 23-0223	EA	44" x 6" Vertically Mounted Backdraft Damper	425.54	45.26
23 33 13 23-0224	EA	20" x 14" Vertically Mounted Backdraft Damper	456.71	49.75
23 33 13 23-0225	EA	28" x 10" Vertically Mounted Backdraft Damper	470.30	54.37
23 33 13 23-0226	EA	18" x 16" Vertically Mounted Backdraft Damper	383.94	22.70
23 33 13 23-0227	EA	24" x 12" Vertically Mounted Backdraft Damper	390.73	24.87
23 33 13 23-0228	EA	36" x 8" Vertically Mounted Backdraft Damper	397.53	27.19
23 33 13 23-0229	EA	48" x 6" Vertically Mounted Backdraft Damper	404.32	29.36
23 33 13 23-0230	EA	50" x 6" Vertically Mounted Backdraft Damper	431.06	33.98
23 33 13 23-0231	EA	20" x 16" Vertically Mounted Backdraft Damper	459.79	36.16
23 33 13 23-0232	EA	32" x 10" Vertically Mounted Backdraft Damper	473.38	40.78
23 33 13 23-0233	EA	40" x 8" Vertically Mounted Backdraft Damper	473.38	40.78
23 33 13 23-0234	EA	18" x 18" Vertically Mounted Backdraft Damper	416.76	45.26
23 33 13 23-0235	EA	24" x 14" Vertically Mounted Backdraft Damper	391.37	49.75
23 33 13 23-0236	EA	28" x 12" Vertically Mounted Backdraft Damper	404.96	54.37
23 33 13 23-0237	EA	44" x 8" Vertically Mounted Backdraft Damper	430.06	58.85
23 33 13 23-0238	EA	18" x 20" Vertically Mounted Backdraft Damper	449.41	63.34
23 33 13 23-0239	EA	20" x 18" Vertically Mounted Backdraft Damper	463.01	67.97
23 33 13 23-0240	EA	36" x 10" Vertically Mounted Backdraft Damper	463.01	67.97
23 33 13 23-0241	EA	24" x 16" Vertically Mounted Backdraft Damper	344.37	22.70
23 33 13 23-0242	EA	32" x 12" Vertically Mounted Backdraft Damper	351.16	24.87
23 33 13 23-0243	EA	48" x 8" Vertically Mounted Backdraft Damper	364.75	29.36
23 33 13 23-0244	EA	28" x 14" Vertically Mounted Backdraft Damper	384.10	33.98
23 33 13 23-0245	EA	20" x 20" Vertically Mounted Backdraft Damper	396.66	36.16
23 33 13 23-0246	EA	40" x 10" Vertically Mounted Backdraft Damper	410.25	40.78
23 33 13 23-0247	EA	50" x 8" Vertically Mounted Backdraft Damper	423.84	45.26
23 33 13 23-0248	EA	18" x 24" Vertically Mounted Backdraft Damper	446.87	45.26
23 33 13 23-0249	EA	24" x 18" Vertically Mounted Backdraft Damper	460.47	49.75
23 33 13 23-0250	EA	36" x 12" Vertically Mounted Backdraft Damper	474.06	54.37
23 33 13 23-0251	EA	44" x 10" Vertically Mounted Backdraft Damper	493.41	58.85
23 33 13 23-0252	EA	28" x 16" Vertically Mounted Backdraft Damper	526.36	67.97
23 33 13 23-0253	EA	32" x 14" Vertically Mounted Backdraft Damper	526.36	67.97
23 33 13 23-0254	EA	20" x 24" Vertically Mounted Backdraft Damper	565.87	72.45
23 33 13 23-0255	EA	24" x 20" Vertically Mounted Backdraft Damper	526.42	76.93
23 33 13 23-0256	EA	40" x 12" Vertically Mounted Backdraft Damper	526.42	76.93
23 33 13 23-0257	EA	48" x 10" Vertically Mounted Backdraft Damper	540.02	81.41
23 33 13 23-0258	EA	50" x 10" Vertically Mounted Backdraft Damper	552.32	81.41
23 33 13 23-0259	EA	28" x 18" Vertically Mounted Backdraft Damper	384.86	24.87
23 33 13 23-0260	EA	36" x 14" Vertically Mounted Backdraft Damper	398.45	29.36
23 33 13 23-0261	EA	32" x 16" Vertically Mounted Backdraft Damper	410.18	31.67
23 33 13 23-0262	EA	44" x 12" Vertically Mounted Backdraft Damper	433.59	36.16
23 33 13 23-0263	EA	20" x 28" Vertically Mounted Backdraft Damper	466.88	40.78
23 33 13 23-0264	EA	28" x 20" Vertically Mounted Backdraft Damper	480.47	45.26
23 33 13 23-0265	EA	40" x 14" Vertically Mounted Backdraft Damper	480.47	45.26
23 33 13 23-0266	EA	24" x 24" Vertically Mounted Backdraft Damper	503.92	49.75
23 33 13 23-0267	EA	32" x 18" Vertically Mounted Backdraft Damper	517.51	54.37
23 33 13 23-0268	EA	36" x 16" Vertically Mounted Backdraft Damper	531.10	58.85
23 33 13 23-0269	EA	48" x 12" Vertically Mounted Backdraft Damper	558.29	67.97
23 33 13 23-0270	EA	50" x 12" Vertically Mounted Backdraft Damper	573.08	67.97
23 33 13 23-0271	EA	44" x 14" Vertically Mounted Backdraft Damper	596.51	72.45
23 33 13 23-0272	EA	20" x 32" Vertically Mounted Backdraft Damper	624.86	76.93
23 33 13 23-0273	EA	32" x 20" Vertically Mounted Backdraft Damper	638.46	81.41
23 33 13 23-0274	EA	40" x 16" Vertically Mounted Backdraft Damper	638.46	81.41
23 33 13 23-0275	EA	36" x 18" Vertically Mounted Backdraft Damper	656.95	86.04
23 33 13 23-0276	EA	24" x 28" Vertically Mounted Backdraft Damper	674.19	86.04
23 33 13 23-0277	EA	28" x 24" Vertically Mounted Backdraft Damper	652.12	90.53
23 33 13 23-0278	EA	48" x 14" Vertically Mounted Backdraft Damper	652.12	90.53
23 33 13 23-0279	EA	50" x 14" Vertically Mounted Backdraft Damper	681.57	95.01
23 33 13 23-0280	EA	44" x 16" Vertically Mounted Backdraft Damper	473.13	24.87
23 33 13 23-0281	EA	20" x 36" Vertically Mounted Backdraft Damper	502.58	31.67
23 33 13 23-0282	EA	36" x 20" Vertically Mounted Backdraft Damper	516.18	36.16
23 33 13 23-0283	EA	40" x 18" Vertically Mounted Backdraft Damper	529.77	40.78
23 33 13 23-0284	EA	24" x 32" Vertically Mounted Backdraft Damper	570.52	45.26
23 33 13 23-0285	EA	32" x 24" Vertically Mounted Backdraft Damper	570.52	45.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0286	EA	48" x 16" Vertically Mounted Backdraft Damper	584.12	49.75
23 33 13 23-0287	EA	28" x 28" Vertically Mounted Backdraft Damper	606.77	54.37
23 33 13 23-0288	EA	44" x 18" Vertically Mounted Backdraft Damper	624.88	58.85
23 33 13 23-0289	EA	40" x 20" Vertically Mounted Backdraft Damper	656.58	67.97
23 33 13 23-0290	EA	50" x 16" Vertically Mounted Backdraft Damper	656.58	67.97
23 33 13 23-0291	EA	24" x 36" Vertically Mounted Backdraft Damper	706.40	72.45
23 33 13 23-0292	EA	36" x 24" Vertically Mounted Backdraft Damper	719.99	76.93
23 33 13 23-0293	EA	48" x 18" Vertically Mounted Backdraft Damper	733.59	81.41
23 33 13 23-0294	EA	44" x 20" Vertically Mounted Backdraft Damper	756.24	86.04
23 33 13 23-0295	EA	28" x 32" Vertically Mounted Backdraft Damper	765.31	86.04
23 33 13 23-0296	EA	32" x 28" Vertically Mounted Backdraft Damper	778.89	90.53
23 33 13 23-0297	EA	50" x 18" Vertically Mounted Backdraft Damper	781.13	90.53
23 33 13 23-0298	EA	24" x 40" Vertically Mounted Backdraft Damper	828.68	95.01
23 33 13 23-0299	EA	40" x 24" Vertically Mounted Backdraft Damper	828.68	95.01
23 33 13 23-0300	EA	48" x 20" Vertically Mounted Backdraft Damper	828.68	95.01
23 33 13 23-0301	EA	50" x 20" Vertically Mounted Backdraft Damper	647.44	27.19
23 33 13 23-0302	EA	28" x 36" Vertically Mounted Backdraft Damper	672.34	33.98
23 33 13 23-0303	EA	36" x 28" Vertically Mounted Backdraft Damper	679.14	36.16
23 33 13 23-0304	EA	32" x 32" Vertically Mounted Backdraft Damper	701.79	40.78
23 33 13 23-0305	EA	24" x 44" Vertically Mounted Backdraft Damper	668.88	45.26
23 33 13 23-0306	EA	44" x 24" Vertically Mounted Backdraft Damper	682.48	49.75
23 33 13 23-0307	EA	28" x 40" Vertically Mounted Backdraft Damper	728.35	54.37
23 33 13 23-0308	EA	40" x 28" Vertically Mounted Backdraft Damper	741.94	58.85
23 33 13 23-0309	EA	24" x 48" Vertically Mounted Backdraft Damper	771.71	63.34
23 33 13 23-0310	EA	32" x 36" Vertically Mounted Backdraft Damper	785.31	67.97
23 33 13 23-0311	EA	36" x 32" Vertically Mounted Backdraft Damper	798.90	72.45
23 33 13 23-0312	EA	48" x 24" Vertically Mounted Backdraft Damper	812.49	76.93
23 33 13 23-0313	EA	50" x 24" Vertically Mounted Backdraft Damper	850.30	81.41
23 33 13 23-0314	EA	28" x 44" Vertically Mounted Backdraft Damper	880.03	86.04
23 33 13 23-0315	EA	44" x 28" Vertically Mounted Backdraft Damper	880.03	86.04
23 33 13 23-0316	EA	32" x 40" Vertically Mounted Backdraft Damper	917.85	90.53
23 33 13 23-0317	EA	40" x 32" Vertically Mounted Backdraft Damper	734.36	29.36
23 33 13 23-0318	EA	36" x 36" Vertically Mounted Backdraft Damper	762.82	36.16
23 33 13 23-0319	EA	28" x 48" Vertically Mounted Backdraft Damper	800.62	40.78
23 33 13 23-0320	EA	48" x 28" Vertically Mounted Backdraft Damper	814.21	45.26
23 33 13 23-0321	EA	50" x 28" Vertically Mounted Backdraft Damper	856.07	49.75
23 33 13 23-0322	EA	32" x 44" Vertically Mounted Backdraft Damper	873.72	54.37
23 33 13 23-0323	EA	44" x 32" Vertically Mounted Backdraft Damper	873.72	54.37
23 33 13 23-0324	EA	36" x 40" Vertically Mounted Backdraft Damper	905.47	58.85
23 33 13 23-0325	EA	40" x 36" Vertically Mounted Backdraft Damper	857.97	67.97
23 33 13 23-0326	EA	28" x 52" Vertically Mounted Backdraft Damper	878.81	72.45
23 33 13 23-0327	EA	32" x 48" Vertically Mounted Backdraft Damper	928.74	76.93
23 33 13 23-0328	EA	48" x 32" Vertically Mounted Backdraft Damper	942.34	81.41
23 33 13 23-0329	EA	28" x 56" Vertically Mounted Backdraft Damper	970.47	86.04
23 33 13 23-0330	EA	36" x 44" Vertically Mounted Backdraft Damper	977.75	86.04
23 33 13 23-0331	EA	44" x 36" Vertically Mounted Backdraft Damper	991.33	90.53
23 33 13 23-0332	EA	40" x 40" Vertically Mounted Backdraft Damper	998.59	90.53
23 33 13 23-0333	EA	50" x 32" Vertically Mounted Backdraft Damper	821.89	31.67
23 33 13 23-0334	EA	32" x 52" Vertically Mounted Backdraft Damper	864.57	36.16
23 33 13 23-0335	EA	28" x 60" Vertically Mounted Backdraft Damper	885.41	40.78
23 33 13 23-0336	EA	36" x 48" Vertically Mounted Backdraft Damper	920.83	45.26
23 33 13 23-0337	EA	48" x 36" Vertically Mounted Backdraft Damper	934.43	49.75
23 33 13 23-0338	EA	40" x 44" Vertically Mounted Backdraft Damper	962.55	54.37
23 33 13 23-0339	EA	44" x 40" Vertically Mounted Backdraft Damper	976.14	58.85
23 33 13 23-0340	EA	32" x 56" Vertically Mounted Backdraft Damper	1,004.24	63.34
23 33 13 23-0341	EA	50" x 36" Vertically Mounted Backdraft Damper	930.64	67.97
23 33 13 23-0342	EA	36" x 52" Vertically Mounted Backdraft Damper	986.90	76.93
23 33 13 23-0343	EA	32" x 60" Vertically Mounted Backdraft Damper	1,019.87	81.41
23 33 13 23-0344	EA	40" x 48" Vertically Mounted Backdraft Damper	1,033.46	86.04
23 33 13 23-0345	EA	48" x 40" Vertically Mounted Backdraft Damper	1,033.46	86.04
23 33 13 23-0346	EA	44" x 44" Vertically Mounted Backdraft Damper	1,053.51	90.53
23 33 13 23-0347	EA	40" x 50" Vertically Mounted Backdraft Damper	1,092.95	95.01
23 33 13 23-0348	EA	50" x 40" Vertically Mounted Backdraft Damper	1,092.95	95.01
23 33 13 23-0349	EA	36" x 56" Vertically Mounted Backdraft Damper	909.09	31.67
23 33 13 23-0350	EA	32" x 64" Vertically Mounted Backdraft Damper	949.22	40.78
23 33 13 23-0351	EA	44" x 48" Vertically Mounted Backdraft Damper	988.65	45.26
23 33 13 23-0352	EA	48" x 44" Vertically Mounted Backdraft Damper	1,002.25	49.75
23 33 13 23-0353	EA	36" x 60" Vertically Mounted Backdraft Damper	1,035.22	54.37
23 33 13 23-0354	EA	32" x 68" Vertically Mounted Backdraft Damper	1,055.28	58.85
23 33 13 23-0355	EA	44" x 50" Vertically Mounted Backdraft Damper	967.52	63.34
23 33 13 23-0356	EA	50" x 44" Vertically Mounted Backdraft Damper	981.12	67.97
23 33 13 23-0357	EA	32" x 72" Vertically Mounted Backdraft Damper	1,031.43	72.45
23 33 13 23-0358	EA	36" x 64" Vertically Mounted Backdraft Damper	1,045.02	76.93
23 33 13 23-0359	EA	48" x 48" Vertically Mounted Backdraft Damper	1,058.62	81.41
23 33 13 23-0360	EA	48" x 50" Vertically Mounted Backdraft Damper	1,106.12	86.04
23 33 13 23-0361	EA	50" x 48" Vertically Mounted Backdraft Damper	1,119.70	90.53
23 33 13 23-0362	EA	36" x 68" Vertically Mounted Backdraft Damper	1,136.66	90.53
23 33 13 23-0363	EA	50" x 50" Vertically Mounted Backdraft Damper	1,168.64	95.01
23 33 13 23-0364	EA	36" x 72" Vertically Mounted Backdraft Damper	1,201.13	95.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0365		**Backdraft Damper Accessories** *(23 33 13 23)*		
23 33 13 23-0366	EA	For Motor Pack For Horizontally Mounted Backdraft Damper	325.09	32.79
23 33 13 23-0367	EA	For Motor Pack For Vertically Mounted Backdraft Damper	563.28	32.79
23 33 13 33		**Splitter Damper Hardware** *(23 33 13)*		
23 33 13 33-0001	EA	Splitter Damper, Hardware	48.72	9.50
23 33 13 43		**Blower Check Valve** *(23 33 13)*		
23 33 13 43-0001		**Blower Check Valves With Silicone Seals** *(23 33 13 43)*		
23 33 13 43-0002	EA	2-1/2" Blower Check Valves, Silicone Seals	309.14	35.06
23 33 13 43-0003	EA	3" Blower Check Valves, Silicone Seals	345.18	39.96
23 33 13 43-0004	EA	4" Blower Check Valves, Silicone Seals	443.35	53.01
23 33 13 43-0005	EA	5" Blower Check Valves, Silicone Seals	612.61	61.17
23 33 13 43-0006	EA	6" Blower Check Valves, Silicone Seals	686.40	73.40
23 33 13 43-0007	EA	8" Blower Check Valves, Silicone Seals	1,023.11	92.97
23 33 13 43-0008		**Blower Check Valves With Viton Seats** *(23 33 13 43)*		
23 33 13 43-0009	EA	2-1/2" Blower Check Valves, Viton Seats	427.52	35.06
23 33 13 43-0010	EA	3" Blower Check Valves, Viton Seats	485.87	39.96
23 33 13 43-0011	EA	4" Blower Check Valves, Viton Seats	541.31	53.01
23 33 13 43-0012	EA	5" Blower Check Valves, Viton Seats	759.27	61.17
23 33 13 43-0013	EA	6" Blower Check Valves, Viton Seats	848.29	73.40
23 33 13 43-0014	EA	8" Blower Check Valves, Viton Seats	1,309.49	92.97
23 33 19		**Duct Silencers** *(23 33)*		
23 33 19 00-0001		**36" Long Packaged Duct Sound Trap** *(23 33 19)*		
23 33 19 00-0002	EA	12" x 12" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	407.47	55.63
23 33 19 00-0003	EA	12" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	489.71	63.78
23 33 19 00-0004	EA	12" x 24" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	634.79	73.28
23 33 19 00-0005	EA	12" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	771.70	82.78
23 33 19 00-0006	EA	24" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	714.41	82.78
23 33 19 00-0007	EA	24" x 24" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	911.92	86.84
23 33 19 00-0008	EA	24" x 30" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,007.24	92.27
23 33 19 00-0009	EA	24" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,105.27	97.70
23 33 19 00-0010	EA	24" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,448.72	111.27
23 33 19 00-0011	EA	36" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	906.10	92.27
23 33 19 00-0012	EA	36" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,222.85	111.27
23 33 19 00-0013	EA	36" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	2,163.36	149.26
23 33 19 00-0014	EA	36" x 60" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	2,392.81	157.40
23 33 19 00-0015	EA	48" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	2,670.88	169.62
23 33 19 00-0016	EA	48" x 60" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	2,998.89	184.55
23 33 19 00-0017		**60" Long Packaged Duct Sound Trap** *(23 33 19)*		
23 33 19 00-0018	EA	12" x 12" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	454.95	122.13
23 33 19 00-0019	EA	12" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	548.35	141.12
23 33 19 00-0020	EA	12" x 24" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	712.60	162.83
23 33 19 00-0021	EA	12" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	866.41	183.19
23 33 19 00-0022	EA	24" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	801.28	183.19
23 33 19 00-0023	EA	24" x 24" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,027.47	194.04
23 33 19 00-0024	EA	24" x 30" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,131.14	203.54
23 33 19 00-0025	EA	24" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,236.84	214.40
23 33 19 00-0026	EA	24" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,630.13	244.25
23 33 19 00-0027	EA	36" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,016.21	203.54
23 33 19 00-0028	EA	36" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,373.45	244.25
23 33 19 00-0029	EA	36" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	2,424.16	321.59
23 33 19 00-0030	EA	36" x 60" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	2,705.28	348.73
23 33 19 00-0031	EA	48" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	3,004.25	370.44
23 33 19 00-0032	EA	48" x 60" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	3,380.91	407.09
23 33 19 00-0033		**84" Long Packaged Duct Sound Trap** *(23 33 19)*		
23 33 19 00-0034	EA	6" x 12" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	391.26	101.77
23 33 19 00-0035	EA	6" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	669.25	151.98
23 33 19 00-0036	EA	6" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	934.45	222.54
23 33 19 00-0037	EA	12" x 12" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	527.74	122.13
23 33 19 00-0038	EA	12" x 18" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	655.61	141.12
23 33 19 00-0039	EA	12" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	888.82	162.83
23 33 19 00-0040	EA	12" x 30" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,050.00	175.05
23 33 19 00-0041	EA	12" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,145.78	188.61
23 33 19 00-0042	EA	12" x 42" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,441.45	203.54
23 33 19 00-0043	EA	12" x 48" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,704.48	222.54
23 33 19 00-0044	EA	24" x 18" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	984.88	188.61
23 33 19 00-0045	EA	24" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,401.48	196.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 19 00-0046	EA	24" x 30" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,529.56	203.54
23 33 19 00-0047	EA	24" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,665.91	214.40
23 33 19 00-0048	EA	24" x 42" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	2,089.00	230.68
23 33 19 00-0049	EA	24" x 48" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	2,266.07	244.25

23 33 23 Turning Vanes *(23 33)*

23 33 23 00-0001 Duct Turning Vane Components *(23 33 23)*

23 33 23 00-0002	LF	Duct Turning Vane Rail	14.99	3.39
		For Stainless Steel, Add	*9.54*	
23 33 23 00-0003	LF	Double Thick Factory Fabricated, Duct Turning Vane	14.79	1.36
		For Stainless Steel, Add	*14.36*	

23 33 23 00-0004 Duct Turning Vane Sets *(23 33 23)*

Note: Measured from inside corner to outside corner of ductwork.

23 33 23 00-0005	LF	12" High Duct Turning Vanes, Sets	61.33	5.09
		For Stainless Steel, Add	*65.96*	
23 33 23 00-0006	LF	14" High Duct Turning Vanes, Sets	76.32	5.42
		For Stainless Steel, Add	*83.45*	
23 33 23 00-0007	LF	16" High Duct Turning Vanes, Sets	104.54	5.69
		For Stainless Steel, Add	*116.83*	
23 33 23 00-0008	LF	18" High Duct Turning Vanes, Sets	132.82	6.11
		For Stainless Steel, Add	*150.22*	
23 33 23 00-0009	LF	20" High Duct Turning Vanes, Sets	147.22	6.51
		For Stainless Steel, Add	*166.90*	
23 33 23 00-0010	LF	22" High Duct Turning Vanes, Sets	188.45	6.11
		For Stainless Steel, Add	*217.00*	
23 33 23 00-0011	LF	24" High Duct Turning Vanes, Sets	231.60	7.19
		For Stainless Steel, Add	*267.06*	
23 33 23 00-0012	LF	26" High Duct Turning Vanes, Sets	248.70	7.52
		For Stainless Steel, Add	*287.16*	
23 33 23 00-0013	LF	30" High Duct Turning Vanes, Sets	277.78	7.82
		For Stainless Steel, Add	*321.61*	

23 33 33 Duct-Mounting Access Doors *(23 33)*

23 33 33 00-0001 Duct Access Doors, Insulated Factory Fabrication *(23 33 33)*

23 33 33 00-0002	EA	6" x 6" Duct Access Doors Insulated Factory Fabrication	107.52	19.00
		For Stainless Steel, Add	*54.58*	
23 33 33 00-0003	EA	10" x 10" Duct Access Doors Insulated Factory Fabrication	114.07	19.00
		For Stainless Steel, Add	*66.05*	
23 33 33 00-0004	EA	12" x 12" Duct Access Doors Insulated Factory Fabrication	117.27	19.00
		For Stainless Steel, Add	*71.65*	
23 33 33 00-0005	EA	12" x 18" Duct Access Doors Insulated Factory Fabrication	151.67	23.07
		For Stainless Steel, Add	*101.03*	
23 33 33 00-0006	EA	16" x 12" Duct Access Doors Insulated Factory Fabrication	152.97	23.07
		For Stainless Steel, Add	*103.30*	
23 33 33 00-0007	EA	18" x 18" Duct Access Doors Insulated Factory Fabrication	190.06	31.21
		For Stainless Steel, Add	*118.88*	
23 33 33 00-0008	EA	24" x 18" Duct Access Doors Insulated Factory Fabrication	225.81	37.99
		For Stainless Steel, Add	*128.03*	
23 33 33 00-0009	EA	24" x 24" Duct Access Doors Insulated Factory Fabrication	293.36	51.56
		For Stainless Steel, Add	*157.19*	

23 33 43 Flexible Connectors *(23 33)*

23 33 43 00-0001	LF	6-1/2" Width, Galvanized Steel, Flexible Duct Connector	17.17	4.07
23 33 43 00-0002	LF	5-3/4" Width, Vinyl/Steel, Flexible Duct Connector	17.63	3.66

23 33 46 Flexible Ducts *(23 33)*

23 33 46 00-0001 Flexible Duct, R8.0 Insulated With Metallized Outer Jacket *(23 33 46)*

Note: Polyester inner liner encapsulating a corrosion resistant steel wire helix, supporting a blanket of fiberglass insulation over a fiberglass scrim and a bi-directional reinforced metallized outer vapor barrier jacket.

23 33 46 00-0002	LF	4" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	9.45	1.36
		For R6.0 Insulated Flexible Duct, Deduct	*-0.92*	
		For R4.2 Insulated Flexible Duct, Deduct	*-1.07*	
23 33 46 00-0003	LF	5" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	10.43	2.72
		For R6.0 Insulated Flexible Duct, Deduct	*-0.97*	
		For R4.2 Insulated Flexible Duct, Deduct	*-1.13*	
23 33 46 00-0004	LF	6" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	11.73	2.72
		For R6.0 Insulated Flexible Duct, Deduct	*-1.00*	
		For R4.2 Insulated Flexible Duct, Deduct	*-1.16*	
23 33 46 00-0005	LF	7" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	13.62	2.72
		For R6.0 Insulated Flexible Duct, Deduct	*-1.11*	
		For R4.2 Insulated Flexible Duct, Deduct	*-1.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 46 00-0006	LF	8" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	15.95	4.07
		For R6.0 Insulated Flexible Duct, Deduct	*-1.12*	
		For R4.2 Insulated Flexible Duct, Deduct	*-1.31*	
23 33 46 00-0007	LF	10" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	20.64	4.07
		For R6.0 Insulated Flexible Duct, Deduct	*-1.51*	
		For R4.2 Insulated Flexible Duct, Deduct	*-1.76*	
23 33 46 00-0008	LF	12" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	27.70	5.42
		For R6.0 Insulated Flexible Duct, Deduct	*-1.80*	
		For R4.2 Insulated Flexible Duct, Deduct	*-2.10*	
23 33 46 00-0009	LF	14" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	34.45	5.42
		For R6.0 Insulated Flexible Duct, Deduct	*-2.19*	
		For R4.2 Insulated Flexible Duct, Deduct	*-2.56*	
23 33 46 00-0010	LF	16" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	44.97	6.78
		For R6.0 Insulated Flexible Duct, Deduct	*-2.62*	
		For R4.2 Insulated Flexible Duct, Deduct	*-3.06*	
23 33 46 00-0011	LF	18" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	54.80	8.82
		For R6.0 Insulated Flexible Duct, Deduct	*-3.41*	
		For R4.2 Insulated Flexible Duct, Deduct	*-3.98*	
23 33 46 00-0012	LF	20" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	64.64	9.50
		For R6.0 Insulated Flexible Duct, Deduct	*-5.15*	
		For R4.2 Insulated Flexible Duct, Deduct	*-6.00*	

23 33 46 00-0013 Collars, Sheet Metal Spin-In Type With Damper *(23 33 46)*

23 33 46 00-0014	EA	Up To 4" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	52.21	8.14
		For Stainless Steel, Add	*26.02*	
23 33 46 00-0015	EA	5" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	56.85	9.50
		For Stainless Steel, Add	*26.35*	
23 33 46 00-0016	EA	6" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	64.93	9.50
		For Stainless Steel, Add	*29.06*	
23 33 46 00-0017	EA	7" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	73.84	12.21
		For Stainless Steel, Add	*29.99*	
23 33 46 00-0018	EA	8" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	89.29	14.93
		For Stainless Steel, Add	*33.88*	
23 33 46 00-0019	EA	10" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	104.59	17.64
		For Stainless Steel, Add	*41.76*	
23 33 46 00-0020	EA	12" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	118.92	20.35
		For Stainless Steel, Add	*45.00*	
23 33 46 00-0021	EA	14" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	140.58	23.07
		For Stainless Steel, Add	*56.34*	
23 33 46 00-0022	EA	16" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	153.14	25.78
		For Stainless Steel, Add	*61.64*	

23 33 53 Duct Liners *(23 33)*

23 33 53 00-0001 Fiberglass Duct Liner Board, Rigid, Acoustical Insulation *(23 33 53)*

23 33 53 00-0002	SF	1/2" Field Installed, 3 Lb./CF, Fiberglass Duct Liner Board	12.49	3.49
23 33 53 00-0003	SF	3/4" Field Installed, 3 Lb./CF, Fiberglass Duct Liner Board	13.65	3.49
23 33 53 00-0004	SF	1" Field Installed, 3 Lb./CF, Fiberglass Duct Liner Board	15.12	4.66
23 33 53 00-0005	SF	1-1/2" Field Installed, 3 Lb./CF, Fiberglass Duct Liner Board	18.47	4.66
23 33 53 00-0006	SF	2" Field Installed, 3 Lb./CF, Fiberglass Duct Liner Board	22.27	5.25
23 33 53 00-0007	SF	1/2" Shop Installed, 3 Lb./CF, Fiberglass Duct Liner Board	12.63	4.07
23 33 53 00-0008	SF	3/4" Shop Installed, 3 Lb./CF, Fiberglass Duct Liner Board	13.82	4.07
23 33 53 00-0009	SF	1" Shop Installed, 3 Lb./CF, Fiberglass Duct Liner Board	15.34	5.42
23 33 53 00-0010	SF	1-1/2" Shop Installed, 3 Lb./CF, Fiberglass Duct Liner Board	18.61	5.42
23 33 53 00-0011	SF	2" Shop Installed, 3 Lb./CF, Fiberglass Duct Liner Board	22.54	6.11

23 33 53 00-0012 Fiberglass Duct Liner Blanket, Flexible, Acoustical Insulation *(23 33 53)*

23 33 53 00-0013	SF	1", R3.8, 1.5 Lb./CF, T150, Fiberglass Duct Liner Blanket	2.90	3.66
23 33 53 00-0014	SF	1", R4.1, 2 Lb./CF, T200, Fiberglass Duct Liner Blanket	3.19	3.66
23 33 53 00-0015	SF	1", R4.3, 3 Lb./CF, T300, Fiberglass Duct Liner Blanket	4.01	3.66
23 33 53 00-0016	SF	1-1/2", T150, 1.5 Lb./CF, Fiberglass Duct Liner Blanket	3.42	4.07
23 33 53 00-0017	SF	2", R7.7, 1.5 Lb./CF, T150 Fiberglass Duct Liner Blanket	3.62	4.48
23 33 53 00-0018	SF	2", R8, 2 Lb./CF, T200 Fiberglass Duct Liner Blanket	5.40	4.48

23 33 56 Duct Air Extractors *(23 33)*

23 33 56 00-0001	EA	12" x 4" Duct Air Extractor	67.43	22.39
		For Stainless Steel, Add	*27.18*	
23 33 56 00-0002	EA	8" x 6" Duct Air Extractor	71.50	24.43
		For Stainless Steel, Add	*27.18*	
23 33 56 00-0003	EA	12" x 6" Duct Air Extractor	82.90	25.78
		For Stainless Steel, Add	*37.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 56 00-0004	EA	16" x 6" Duct Air Extractor	94.03	27.14
		For Stainless Steel, Add	*47.70*	
23 33 56 00-0005	EA	24" x 6" Duct Air Extractor	125.34	29.85
		For Stainless Steel, Add	*78.77*	
23 33 56 00-0006	EA	12" x 8" Duct Air Extractor	89.41	27.14
		For Stainless Steel, Add	*42.16*	
23 33 56 00-0007	EA	20" x 8" Duct Air Extractor	118.68	33.93
		For Stainless Steel, Add	*61.01*	
23 33 56 00-0008	EA	18" x 10" Duct Air Extractor	127.26	38.67
		For Stainless Steel, Add	*59.90*	
23 33 56 00-0009	EA	24" x 10" Duct Air Extractor	155.63	45.45
		For Stainless Steel, Add	*77.65*	
23 33 56 00-0010	EA	24" x 12" Duct Air Extractor	177.88	54.28
		For Stainless Steel, Add	*83.20*	
23 33 56 00-0011	EA	30" x 12" Duct Air Extractor	222.60	67.84
		For Stainless Steel, Add	*104.28*	

23 33 59 Duct Pressure Relief Doors *(23 33)*

23 33 59 00-0001 Duct Pressure Relief Doors *(23 33 59)*

23 33 59 00-0002	EA	18" x 18" Duct Pressure Relief Door (Ruskin PRD18)	1,322.33	40.71
23 33 59 00-0003	EA	24" x 10" Duct Pressure Relief Door (Ruskin PRD18)	1,086.49	33.93
23 33 59 00-0004	EA	24" x 12" Duct Pressure Relief Door (Ruskin PRD18)	1,076.86	37.32

23 34 HVAC Fans *(23 30)*

23 34 13 Axial HVAC Fans *(23 34)*

23 34 13 00-0001 Tube-Axial Fans *(23 34 13)*

23 34 13 00-0002 Direct Drive Tube-Axial Duct Fans *(23 34 13 00-0001)*

23 34 13 00-0003	EA	12" Direct Drive Axial Flow Fan, 1/6 HP 1,060 CFM Constant Speed, 1/8" Static Pressure	2,059.53	416.83
		For 1/4" Static Pressure, Add	*98.00*	
		For 3/8" Static Pressure, Add	*196.01*	
		For 1/2" Static Pressure, Add	*269.51*	
23 34 13 00-0004	EA	12" Direct Drive Axial Flow Fan, 1/2 HP 2,095 CFM Constant Speed, 1/8" Static Pressure	2,147.04	418.07
		For 1/4" Static Pressure, Add	*105.00*	
		For 3/8" Static Pressure, Add	*210.01*	
		For 1/2" Static Pressure, Add	*288.76*	
23 34 13 00-0005	EA	16" Direct Drive Axial Flow Fan, 1/3 HP 2,490 CFM Constant Speed, 1/8" Static Pressure	2,322.04	416.83
		For 1/4" Static Pressure, Add	*119.00*	
		For 3/8" Static Pressure, Add	*238.01*	
		For 1/2" Static Pressure, Add	*327.26*	
23 34 13 00-0006	EA	20" Direct Drive Axial Flow Fan, 3/4 HP 4,130 CFM Constant Speed, 1/8" Static Pressure	2,497.05	418.07
		For 1/4" Static Pressure, Add	*133.00*	
		For 3/8" Static Pressure, Add	*266.01*	
		For 1/2" Static Pressure, Add	*365.76*	
23 34 13 00-0007	EA	22" Direct Drive Axial Flow Fan, 3/4 HP 4,700 CFM Constant Speed, 1/8" Static Pressure	2,926.46	500.70
		For 1/4" Static Pressure, Add	*154.01*	
		For 3/8" Static Pressure, Add	*308.01*	
		For 1/2" Static Pressure, Add	*423.52*	
23 34 13 00-0008	EA	24" Direct Drive Axial Flow Fan, 1 HP 5,850 CFM Constant Speed, 1/8" Static Pressure	3,363.54	544.51
		For 1/4" Static Pressure, Add	*182.01*	
		For 3/8" Static Pressure, Add	*364.01*	
		For 1/2" Static Pressure, Add	*500.52*	
23 34 13 00-0009	EA	24" Direct Drive Axial Flow Fan, 1-1/2 HP 7,925 CFM Constant Speed, 1/8" Static Pressure	3,554.72	595.83
		For 1/4" Static Pressure, Add	*189.01*	
		For 3/8" Static Pressure, Add	*378.01*	
		For 1/2" Static Pressure, Add	*519.77*	
23 34 13 00-0010	EA	30" Direct Drive Axial Flow Fan, 1 HP 10,640 CFM Constant Speed, 1/8" Static Pressure	4,051.84	625.87
		For 1/4" Static Pressure, Add	*224.01*	
		For 3/8" Static Pressure, Add	*448.02*	
		For 1/2" Static Pressure, Add	*616.02*	
23 34 13 00-0011	EA	30" Direct Drive Axial Flow Fan, 2-1/2 HP 14,765 CFM Constant Speed, 1/8" Static Pressure	4,889.79	782.33
		For 1/4" Static Pressure, Add	*266.01*	
		For 3/8" Static Pressure, Add	*532.02*	
		For 1/2" Static Pressure, Add	*731.53*	
23 34 13 00-0012	EA	36" Direct Drive Axial Flow Fan, 2 HP 16,780 CFM Constant Speed, 1/8" Static Pressure	5,519.12	834.90
		For 1/4" Static Pressure, Add	*308.01*	
		For 3/8" Static Pressure, Add	*616.02*	
		For 1/2" Static Pressure, Add	*847.03*	
23 34 13 00-0013	EA	36" Direct Drive Axial Flow Fan, 5 HP 22,920 CFM Constant Speed, 1/8" Static Pressure	6,475.91	962.58
		For 1/4" Static Pressure, Add	*364.01*	
		For 3/8" Static Pressure, Add	*728.03*	
		For 1/2" Static Pressure, Add	*1,001.04*	

23 34 13 00-0014 Belt Drive Tube-Axial Duct Fans *(23 34 13 00-0001)*

23 34 13 00-0015	EA	15" Belt Drive Axial Flow Fan, 1/3 HP 2,800 CFM Constant Speed, 1/8" Static Pressure	1,953.64	404.31
		For 1/4" Static Pressure, Add	*91.69*	
		For 3/8" Static Pressure, Add	*183.37*	
		For 1/2" Static Pressure, Add	*252.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 13 00-0016	EA	15" Belt Drive Axial Flow Fan, 1/2 HP 3,400 CFM Constant Speed, 1/8" Static Pressure	2,071.04	418.07
		For 1/4" Static Pressure, Add	*98.92*	
		For 3/8" Static Pressure, Add	*197.85*	
		For 1/2" Static Pressure, Add	*272.04*	
23 34 13 00-0017	EA	18" Belt Drive Axial Flow Fan, 1/3 HP 3,280 CFM Constant Speed, 1/8" Static Pressure	2,140.03	431.85
		For 1/4" Static Pressure, Add	*102.14*	
		For 3/8" Static Pressure, Add	*204.28*	
		For 1/2" Static Pressure, Add	*280.89*	
23 34 13 00-0018	EA	18" Belt Drive Axial Flow Fan, 1/2 HP 3,900 CFM Constant Speed, 1/8" Static Pressure	2,264.69	446.87
		For 1/4" Static Pressure, Add	*109.65*	
		For 3/8" Static Pressure, Add	*219.30*	
		For 1/2" Static Pressure, Add	*301.53*	
23 34 13 00-0019	EA	18" Belt Drive Axial Flow Fan, 1 HP 5,250 CFM Constant Speed, 1/8" Static Pressure	2,552.49	464.39
		For 1/4" Static Pressure, Add	*130.02*	
		For 3/8" Static Pressure, Add	*260.04*	
		For 1/2" Static Pressure, Add	*357.56*	
23 34 13 00-0020	EA	24" Belt Drive Axial Flow Fan, 1/2 HP 4,800 CFM Constant Speed, 1/8" Static Pressure	2,692.03	481.91
		For 1/4" Static Pressure, Add	*138.33*	
		For 3/8" Static Pressure, Add	*276.67*	
		For 1/2" Static Pressure, Add	*380.42*	
23 34 13 00-0021	EA	24" Belt Drive Axial Flow Fan, 1 HP 6,430 CFM Constant Speed, 1/8" Static Pressure	3,012.05	500.70
		For 1/4" Static Pressure, Add	*160.85*	
		For 3/8" Static Pressure, Add	*321.71*	
		For 1/2" Static Pressure, Add	*442.35*	
23 34 13 00-0022	EA	24" Belt Drive Axial Flow Fan, 2 HP 8,860 CFM Constant Speed, 1/8" Static Pressure	3,395.42	500.70
		For 1/4" Static Pressure, Add	*191.65*	
		For 3/8" Static Pressure, Add	*383.30*	
		For 1/2" Static Pressure, Add	*527.04*	
23 34 13 00-0023	EA	30" Belt Drive Axial Flow Fan, 1 HP 9,250 CFM Constant Speed, 1/8" Static Pressure	3,935.01	544.51
		For 1/4" Static Pressure, Add	*227.87*	
		For 3/8" Static Pressure, Add	*455.75*	
		For 1/2" Static Pressure, Add	*626.65*	
23 34 13 00-0024	EA	30" Belt Drive Axial Flow Fan, 5 HP 16,900 CFM Constant Speed, 1/8" Static Pressure	4,665.93	659.67
		For 1/4" Static Pressure, Add	*268.09*	
		For 3/8" Static Pressure, Add	*536.17*	
		For 1/2" Static Pressure, Add	*737.24*	
23 34 13 00-0025	EA	30" Belt Drive Axial Flow Fan, 5 HP 16,150 CFM Constant Speed, 1/8" Static Pressure	5,313.12	659.67
		For 1/4" Static Pressure, Add	*319.42*	
		For 3/8" Static Pressure, Add	*638.84*	
		For 1/2" Static Pressure, Add	*878.40*	
23 34 13 00-0026	EA	36" Belt Drive Axial Flow Fan, 3/4 HP 8,090 CFM Constant Speed, 1/8" Static Pressure	5,848.98	695.96
		For 1/4" Static Pressure, Add	*356.65*	
		For 3/8" Static Pressure, Add	*713.31*	
		For 1/2" Static Pressure, Add	*980.80*	
23 34 13 00-0027	EA	36" Belt Drive Axial Flow Fan, 2 HP 14,475 CFM Constant Speed, 1/8" Static Pressure	6,388.53	736.02
		For 1/4" Static Pressure, Add	*393.55*	
		For 3/8" Static Pressure, Add	*787.10*	
		For 1/2" Static Pressure, Add	*1,082.26*	
23 34 13 00-0028	EA	36" Belt Drive Axial Flow Fan, 7-1/2 HP 14,475 CFM Constant Speed, 1/8" Static Pressure	7,281.59	962.58
		For 1/4" Static Pressure, Add	*428.94*	
		For 3/8" Static Pressure, Add	*857.88*	
		For 1/2" Static Pressure, Add	*1,179.59*	
23 34 13 00-0029	EA	36" Belt Drive Axial Flow Fan, 5 HP 20,080 CFM Constant Speed, 1/8" Static Pressure	8,308.20	963.84
		For 1/4" Static Pressure, Add	*511.07*	
		For 3/8" Static Pressure, Add	*1,022.14*	
		For 1/2" Static Pressure, Add	*1,405.44*	
23 34 13 00-0030	EA	42" Belt Drive Axial Flow Fan, 7-1/2 HP 29,000 CFM Constant Speed, 1/8" Static Pressure	9,385.57	1,137.57
		For 1/4" Static Pressure, Add	*569.44*	
		For 3/8" Static Pressure, Add	*1,138.87*	
		For 1/2" Static Pressure, Add	*1,565.95*	

23 34 16 Centrifugal HVAC Fans *(23 34)*

23 34 16 00-0001 Centrifugal Fans *(23 34 16)*
Note: All belt fans to be supplied with belt guard.

23 34 16 00-0002 Utility Backward Inclined Steel Wheel Centrifugal Fans *(23 34 16 00-0001)*
Note: V-belt driven.

23 34 16 00-0003 Industrial Type Utility Backward Centrifugal Fans *(23 34 16 00-0002)*
Note: Under 30" diameter wheel.

23 34 16 00-0004 12-1/4" Diameter Wheel 650 To 2,950 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

23 34 16 00-0005	EA	1/6 HP, 12-1/4" Wheel, 450 To 1,750 CFM At 1/8" Static Pressure, Centrifugal Fan	1,451.48	275.01
23 34 16 00-0006	EA	1/4 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	2,088.08	285.39
23 34 16 00-0007	EA	1/3 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	2,148.20	227.44
23 34 16 00-0008	EA	1/2 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	2,243.52	311.68
23 34 16 00-0009	EA	3/4 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	2,297.90	330.46
23 34 16 00-0010	EA	1 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	2,371.23	344.23
23 34 16 00-0011	EA	1-1/2 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	2,444.56	366.76

23 34 16 00-0012 13-1/2" Diameter Wheel 734 To 3,343 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

23 34 16 00-0013	EA	1/4 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,409.05	300.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0014	EA	1/3 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,452.28	311.68
23 34 16 00-0015	EA	1/2 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,532.73	330.46
23 34 16 00-0016	EA	3/4 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,579.64	344.23
23 34 16 00-0017	EA	1 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,666.52	366.76
23 34 16 00-0018	EA	1-1/2 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,753.18	384.28
23 34 16 00-0019		**15" Diameter Wheel 1,258 To 4,146 CFM At 1/8" Static Pressure** *(23 34 16 00-0003)*		
23 34 16 00-0020	EA	1/4 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,426.23	311.68
23 34 16 00-0021	EA	1/3 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,480.63	330.46
23 34 16 00-0022	EA	1/2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,553.59	344.23
23 34 16 00-0023	EA	3/4 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,614.40	366.76
23 34 16 00-0024	EA	1 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,692.40	384.28
23 34 16 00-0025	EA	1-1/2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,801.18	413.07
23 34 16 00-0026	EA	2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,886.22	434.35
23 34 16 00-0027		**16-1/2" Diameter Wheel 977 To 4,711 CFM At 1/8" Static Pressure** *(23 34 16 00-0003)*		
23 34 16 00-0028	EA	1/4 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,780.23	330.46
23 34 16 00-0029	EA	1/3 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,880.25	344.23
23 34 16 00-0030	EA	1/2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,990.57	366.76
23 34 16 00-0031	EA	3/4 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	3,048.33	384.28
23 34 16 00-0032	EA	1 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	3,123.88	413.07
23 34 16 00-0033	EA	1-1/2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	3,188.70	434.35
23 34 16 00-0034	EA	2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	3,541.88	471.90
23 34 16 00-0035		**18-1/4" Diameter Wheel 2,193 To 6,498 CFM At 1/8" Static Pressure** *(23 34 16 00-0003)*		
23 34 16 00-0036	EA	1/4 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,872.73	344.23
23 34 16 00-0037	EA	1/3 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,940.04	366.76
23 34 16 00-0038	EA	1/2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	3,031.07	384.28
23 34 16 00-0039	EA	3/4 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	3,100.79	413.07
23 34 16 00-0040	EA	1 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	3,198.85	434.35
23 34 16 00-0041	EA	1-1/2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	3,346.51	471.90
23 34 16 00-0042	EA	2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	3,441.95	500.70
23 34 16 00-0043	EA	3 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	3,583.69	550.77
23 34 16 00-0044		**20" Diameter Wheel 2,412 To 7,364 CFM At 1/8" Static Pressure** *(23 34 16 00-0003)*		
23 34 16 00-0045	EA	1/4 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,900.98	366.76
23 34 16 00-0046	EA	1/3 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,991.97	384.28
23 34 16 00-0047	EA	1/2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	3,100.79	413.07
23 34 16 00-0048	EA	3/4 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	3,198.85	434.35
23 34 16 00-0049	EA	1 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	3,385.57	471.90
23 34 16 00-0050	EA	1-1/2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	3,648.49	500.70
23 34 16 00-0051	EA	2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	3,830.45	550.77
23 34 16 00-0052	EA	3 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	4,020.31	589.57
23 34 16 00-0053		**22-1/4" Diameter Wheel 2,265 To 8,483 CFM At 1/8" Static Pressure** *(23 34 16 00-0003)*		
23 34 16 00-0054	EA	1/4 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,491.31	384.28
23 34 16 00-0055	EA	1/3 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,554.92	413.07
23 34 16 00-0056	EA	1/2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,643.89	434.35
23 34 16 00-0057	EA	3/4 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,754.64	471.90
23 34 16 00-0058	EA	1 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,903.26	500.70
23 34 16 00-0059	EA	1-1/2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,949.84	550.77
23 34 16 00-0060	EA	2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	4,046.36	589.57
23 34 16 00-0061	EA	3 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	4,218.78	660.91
23 34 16 00-0062		**24-1/2" Diameter Wheel 3,055 To 11,380 CFM At 1/8" Static Pressure** *(23 34 16 00-0003)*		
23 34 16 00-0063	EA	1/4 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,203.65	413.07
23 34 16 00-0064	EA	1/2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,336.46	471.90
23 34 16 00-0065	EA	3/4 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,470.99	500.70
23 34 16 00-0066	EA	1 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,612.00	550.77
23 34 16 00-0067	EA	1-1/2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,736.73	589.57
23 34 16 00-0068	EA	2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,844.03	660.91
23 34 16 00-0069	EA	3 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,996.23	718.49
23 34 16 00-0070	EA	5 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	5,354.89	826.15
23 34 16 00-0071		**27" Diameter Wheel 2,734 To 13,266 CFM At 1/8" Static Pressure** *(23 34 16 00-0003)*		
23 34 16 00-0072	EA	1/4 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,659.92	434.35
23 34 16 00-0073	EA	1/2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,796.65	500.70
23 34 16 00-0074	EA	3/4 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,937.64	550.77
23 34 16 00-0075	EA	1 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	5,062.39	589.57
23 34 16 00-0076	EA	1-1/2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	5,234.80	660.91
23 34 16 00-0077	EA	2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	5,386.61	718.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0078	EA	3 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	5,772.95	826.15
23 34 16 00-0079	EA	5 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	5,819.62	917.52
23 34 16 00-0080		**Large Industrial Type Utility Backward Centrifugal Fans** *(23 34 16 00-0002)* Note: Over 30" diameter wheel.		
23 34 16 00-0081		**30" Diameter Wheel 4,926 To 17,456 CFM At 1/8" Static Pressure** *(23 34 16 00-0080)*		
23 34 16 00-0082	EA	1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,533.32	550.77
23 34 16 00-0083	EA	3/4 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,652.94	589.57
23 34 16 00-0084	EA	1 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,837.00	660.91
23 34 16 00-0085	EA	1-1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	7,001.82	718.49
23 34 16 00-0086	EA	2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	7,243.66	826.15
23 34 16 00-0087	EA	3 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	7,460.88	917.52
23 34 16 00-0088	EA	5 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	7,817.21	1,101.52
23 34 16 00-0089	EA	7-1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	8,146.22	1,270.51
23 34 16 00-0090		**33" Diameter Wheel 5,734 To 19,799 CFM At 1/8" Static Pressure** *(23 34 16 00-0080)*		
23 34 16 00-0091	EA	1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	7,667.57	589.57
23 34 16 00-0092	EA	3/4 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	7,905.12	660.91
23 34 16 00-0093	EA	1 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	8,122.45	718.49
23 34 16 00-0094	EA	1-1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	8,416.00	826.15
23 34 16 00-0095	EA	2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	8,685.33	917.52
23 34 16 00-0096	EA	3 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	9,093.75	1,101.52
23 34 16 00-0097	EA	5 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	9,552.74	1,270.51
23 34 16 00-0098	EA	7-1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	10,188.76	1,652.29
23 34 16 00-0099		**36-1/2" Diameter Wheel 5,388 To 22,500 CFM At 1/8" Static Pressure** *(23 34 16 00-0080)*		
23 34 16 00-0100	EA	1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	8,181.29	660.91
23 34 16 00-0101	EA	3/4 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	8,406.42	718.49
23 34 16 00-0102	EA	1 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	9,129.81	826.15
23 34 16 00-0103	EA	1-1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	9,615.39	917.52
23 34 16 00-0104	EA	2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	10,206.48	1,101.52
23 34 16 00-0105	EA	3 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	10,657.27	1,270.51
23 34 16 00-0106	EA	5 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	11,600.94	1,652.29
23 34 16 00-0107	EA	7-1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	12,382.43	2,065.36
23 34 16 00-0108		**Kitchen System Fans** *(23 34 16 00-0001)*		
23 34 16 00-0109		**Upblast Kitchen Exhaust Fans** *(23 34 16 00-0108)*		
23 34 16 00-0110		**Direct Drive Kitchen Upblast Exhaust Fans** *(23 34 16 00-0109)* Note: Greenheck CUE.		
23 34 16 00-0111	EA	Up To 12" Wheel Diameter, 1/6 HP Direct Drive, Kitchen Upblast Exhaust Fan Note: 115V. For roof or wall installations. Includes disconnect switch.	1,494.03	162.72
		For Bird Screen, Add	*66.21*	
		For Backdraft Damper, Add	*195.66*	
		For Damper Motor, Add	*322.09*	
23 34 16 00-0112	EA	14" Wheel Diameter, 1/4 HP Direct Drive, Kitchen Upblast Exhaust Fan Note: 115V. For roof or wall installations. Includes disconnect switch.	1,757.05	162.72
		For Bird Screen, Add	*66.21*	
		For Backdraft Damper, Add	*195.66*	
		For Damper Motor, Add	*322.09*	
23 34 16 00-0113		**Belt Drive Kitchen Upblast Exhaust Fans** *(23 34 16 00-0109)* Note: Greenheck CUBE.		
23 34 16 00-0114	EA	10" Diameter Wheel, Up To 1/3 HP, 1,458 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	2,587.90	162.72
		For Bird Screen, Add	*66.21*	
		For Wall Mounted Fan, Add	*103.52*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*192.31*	
		For Backdraft Damper, Add	*195.66*	
		For Damper Motor, Add	*322.09*	
23 34 16 00-0115	EA	12" Diameter Wheel, 1/2 HP, 1,923 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	2,702.05	162.72
		For Bird Screen, Add	*66.21*	
		For Wall Mounted Fan, Add	*108.08*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*202.01*	
		For Backdraft Damper, Add	*195.66*	
		For Damper Motor, Add	*322.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0116	EA	14" Diameter Wheel, 1/3 HP, 2,006 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	2,311.50	187.76
		For Bird Screen, Add	*75.34*	
		For Wall Mounted Fan, Add	*92.46*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*164.56*	
		For Backdraft Damper, Add	*222.23*	
		For Damper Motor, Add	*322.09*	
23 34 16 00-0117	EA	14" Diameter Wheel, 1 HP, 2,757 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	2,475.88	187.76
		For Bird Screen, Add	*75.34*	
		For Wall Mounted Fan, Add	*99.04*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*178.53*	
		For Backdraft Damper, Add	*222.23*	
		For Damper Motor, Add	*322.09*	
23 34 16 00-0118	EA	16" Diameter Wheel, 1/2 HP, 2,940 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	3,150.30	219.06
		For Bird Screen, Add	*75.34*	
		For Wall Mounted Fan, Add	*126.01*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*230.54*	
		For Backdraft Damper, Add	*222.23*	
		For Damper Motor, Add	*322.09*	
23 34 16 00-0119	EA	16" Diameter Wheel, 1 HP, 3,129 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	3,326.10	219.06
		For Bird Screen, Add	*75.34*	
		For Wall Mounted Fan, Add	*133.04*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*245.48*	
		For Backdraft Damper, Add	*222.23*	
		For Damper Motor, Add	*322.09*	
23 34 16 00-0120	EA	18" Diameter Wheel, 1/2 HP , 3,243 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	3,624.51	234.70
		For Bird Screen, Add	*125.56*	
		For Wall Mounted Fan, Add	*144.98*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*268.18*	
		For Backdraft Damper, Add	*279.26*	
		For Damper Motor, Add	*322.09*	
23 34 16 00-0121	EA	18" Diameter Wheel, 1 HP , 4,223 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	3,898.47	234.70
		For Bird Screen, Add	*125.56*	
		For Wall Mounted Fan, Add	*155.94*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*291.47*	
		For Backdraft Damper, Add	*279.26*	
		For Damper Motor, Add	*322.09*	
23 34 16 00-0122	EA	20" Diameter Wheel, 3/4 HP, 4,438 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	3,961.73	250.35
		For Bird Screen, Add	*125.56*	
		For Wall Mounted Fan, Add	*158.47*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*294.19*	
		For Backdraft Damper, Add	*279.26*	
		For Damper Motor, Add	*322.09*	
23 34 16 00-0123	EA	20" Diameter Wheel, 2 HP, 6,450 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	4,347.56	250.35
		For Bird Screen, Add	*125.56*	
		For Wall Mounted Fan, Add	*173.90*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*326.98*	
		For Backdraft Damper, Add	*279.26*	
		For Damper Motor, Add	*322.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0124	EA	24" Diameter Wheel, 3/4 HP, 5,460 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	5,008.28	281.64
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	*148.40*	
		For Wall Mounted Fan, Add	*200.33*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*377.83*	
		For Backdraft Damper, Add	*302.45*	
		For Damper Motor, Add	*322.09*	
23 34 16 00-0125	EA	24" Diameter Wheel, 2 HP, 7,985 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	5,362.15	281.64
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	*148.40*	
		For Wall Mounted Fan, Add	*214.49*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*407.90*	
		For Backdraft Damper, Add	*302.45*	
		For Damper Motor, Add	*322.09*	
23 34 16 00-0126	EA	30" Diameter Wheel, 3/4 HP, 7,771 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	6,358.48	312.93
		Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	*159.81*	
		For Wall Mounted Fan, Add	*254.34*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*487.27*	
		For Backdraft Damper, Add	*335.80*	
		For Damper Motor, Add	*322.09*	
23 34 16 00-0127	EA	30" Diameter Wheel, 2 HP, 10,192 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	6,474.92	312.93
		Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	*159.81*	
		For Wall Mounted Fan, Add	*259.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*497.17*	
		For Backdraft Damper, Add	*335.80*	
		For Damper Motor, Add	*322.09*	
23 34 16 00-0128	EA	30" Diameter Wheel, 3 HP, 11,903 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	7,066.21	312.93
		Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	*159.81*	
		For Wall Mounted Fan, Add	*282.65*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*547.43*	
		For Backdraft Damper, Add	*335.80*	
		For Damper Motor, Add	*322.09*	
23 34 16 00-0129	EA	30" Diameter Wheel, 5 HP, 14,266 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	7,351.59	312.93
		Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	*159.81*	
		For Wall Mounted Fan, Add	*294.06*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*571.69*	
		For Backdraft Damper, Add	*335.80*	
		For Damper Motor, Add	*322.09*	
23 34 16 00-0130	EA	36" Diameter Wheel, 3 HP , 14,769 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	8,094.84	344.23
		Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	*182.64*	
		For Wall Mounted Fan, Add	*323.79*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*629.54*	
		For Damper Motor, Add	*322.09*	
		For Backdraft Damper, Add	*396.69*	
23 34 16 00-0131	EA	36" Diameter Wheel, 5 HP , 17,884 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	8,423.03	344.23
		Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	*182.64*	
		For Wall Mounted Fan, Add	*336.92*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*657.44*	
		For Damper Motor, Add	*322.09*	
		For Backdraft Damper, Add	*396.69*	
23 34 16 00-0132	EA	42" Diameter Wheel, 3 HP , 17,316 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	8,494.82	375.52
		Note: 230/460/60/3. Includes bird screen, heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	*182.64*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*658.23*	
		For Damper Motor, Add	*322.09*	
		For Backdraft Damper, Add	*462.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0133	EA	42" Diameter Wheel, 7-1/2 HP , 24,604 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 230/460/60/3. Includes bird screen, heat baffle, grease baffle and disconnect switch.	9,215.34	375.52
		For Bird Screen, Add	*182.64*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*719.47*	
		For Damper Motor, Add	*322.09*	
		For Backdraft Damper, Add	*462.32*	
23 34 16 00-0134		**Untempered Kitchen Make-Up Air Fans** *(23 34 16 00-0108)* Note: Roof mounted with downblast discharge, weatherhood and filter.		
23 34 16 00-0135		**Direct Drive Kitchen Make-Up Air Fans** *(23 34 16 00-0134)*		
23 34 16 00-0136	EA	7" Diameter Wheel, 1/2 HP Direct Drive, Kitchen Make-Up Air Fan Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,736.82	162.72
		For Extended Weatherhood, Add	*293.04*	
23 34 16 00-0137	EA	8" Diameter Wheel, 1 HP Direct Drive, Kitchen Make-Up Air Fan Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,826.18	162.72
		For Extended Weatherhood, Add	*306.44*	
23 34 16 00-0138	EA	9" Diameter Wheel, 1 HP Direct Drive, Kitchen Make-Up Air Fan Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,935.83	162.72
		For Extended Weatherhood, Add	*322.89*	
23 34 16 00-0139		**Belt Drive Kitchen Make-Up Air Fans** *(23 34 16 00-0134)*		
23 34 16 00-0140	EA	9" Diameter Wheel, 1/2 HP Belt Drive, Kitchen Make-Up Air Fan Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,978.36	162.72
		For Extended Weatherhood, Add	*329.27*	
23 34 16 00-0141	EA	10" Diameter Wheel, 1-1/2 HP Belt Drive, Kitchen Make-Up Air Fan Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	2,212.85	219.06
		For Extended Weatherhood, Add	*375.74*	
23 34 16 00-0142	EA	12" Diameter Wheel, 2 HP Belt Drive, Kitchen Make-Up Air Fan Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	2,669.55	250.35
		For Extended Weatherhood, Add	*450.50*	
23 34 16 00-0143	EA	15" Diameter Wheel, 3 HP Belt Drive, Kitchen Make-Up Air Fan Note: 230/460/60/3. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	3,091.51	312.93
		For Extended Weatherhood, Add	*526.31*	
23 34 16 00-0144	EA	18" Diameter Wheel, 5 HP Belt Drive, Kitchen Make-Up Air Fan Note: 230/460/60/3. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	3,741.71	375.52
		For Extended Weatherhood, Add	*636.35*	
23 34 16 00-0145		**Replacement Parts** *(23 34 16 00-0001)*		
23 34 16 00-0146		**Replace Belts And Accessories** *(23 34 16 00-0145)*		
23 34 16 00-0147	EA	Fan Shaft Bearing, Replacement	921.45	409.85
23 34 16 00-0148	EA	Fan Belt, Replacement	151.94	55.59
23 34 16 00-0149		**Corrosive Fume Resistant Plastic** *(23 34 16 00-0001)*		
23 34 16 00-0150		**Centrifugal Roof Ventilators, Belt Drive, 1/4" Static Pressure** *(23 34 16 00-0149)*		
23 34 16 00-0151	EA	250 CFM, 1/4 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	6,687.08	225.93
		For Explosion Proof Motor, Add	*935.28*	
23 34 16 00-0152	EA	895 CFM, 1/3 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	7,263.87	271.39
		For Explosion Proof Motor, Add	*1,008.17*	
23 34 16 00-0153	EA	1,630 CFM, 1/2 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	8,614.22	339.23
		For Explosion Proof Motor, Add	*1,190.36*	
23 34 16 00-0154	EA	2,240 CFM, 1 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	9,245.81	452.54
		For Explosion Proof Motor, Add	*1,251.10*	
23 34 16 00-0155	EA	3,810 CFM, 2 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	10,588.32	678.47
		For Explosion Proof Motor, Add	*1,384.71*	
23 34 16 00-0156	EA	11,760 CFM, 5 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	18,261.48	1,356.93
		For Explosion Proof Motor, Add	*2,332.14*	
23 34 16 00-0157	EA	18,810 CFM, 10 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	26,633.99	1,939.74
		For Explosion Proof Motor, Add	*3,413.18*	
23 34 16 00-0158		**Utility Set, Centrifugal, Belt Drive** *(23 34 16 00-0149)*		
23 34 16 00-0159	EA	1,200 CFM, 1/4 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	6,687.08	225.93
		For Explosion Proof Motor, Add	*935.28*	
23 34 16 00-0160	EA	1,520 CFM, 1/3 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	6,858.98	271.39
		For Explosion Proof Motor, Add	*947.43*	
23 34 16 00-0161	EA	1,850 CFM, 1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	6,994.68	339.23
		For Explosion Proof Motor, Add	*947.43*	
23 34 16 00-0162	EA	2,180 CFM, 3/4 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	7,221.38	452.54
		For Explosion Proof Motor, Add	*947.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0163	EA	3,600 CFM, 1 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	9,940.50	678.47
		For Explosion Proof Motor, Add	*1,287.54*	
23 34 16 00-0164	EA	4,250 CFM, 1-1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	10,279.75	848.09
		For Explosion Proof Motor, Add	*1,287.54*	
23 34 16 00-0165	EA	4,800 CFM, 2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	10,524.52	970.48
		For Explosion Proof Motor, Add	*1,287.54*	
23 34 16 00-0166	EA	6,920 CFM, 5 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	10,780.93	1,017.70
		For Explosion Proof Motor, Add	*1,311.83*	
23 34 16 00-0167	EA	7,700 CFM, 7-1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	11,088.07	1,130.73
		For Explosion Proof Motor, Add	*1,323.98*	

23 34 16 00-0168 In-Line Duct Fans *(23 34 16 00-0001)*

23 34 16 00-0169 Direct Drive In-Line Duct Fans *(23 34 16 00-0168)*

Note: Greenheck SQ.

23 34 16 00-0170	EA	Up To 10" Wheel Diameter, 1/16 HP Direct Drive, In Line Duct Fan Note: 115V. Includes disconnect switch.	1,792.67	162.72
23 34 16 00-0171	EA	13" Wheel Diameter, 1/6 HP Direct Drive, In Line Duct Fan Note: 115V. Includes disconnect switch.	2,295.60	175.25
23 34 16 00-0172	EA	14" Wheel Diameter, 1/3 HP Direct Drive, In Line Duct Fan Note: 115V. Includes disconnect switch.	2,517.90	187.76

23 34 16 00-0173 Belt Drive In-Line Duct Fans *(23 34 16 00-0168)*

Note: Greenheck BSQ.

23 34 16 00-0174	EA	Up To 12" Wheel Diameter, 1/4 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	2,632.01	187.76
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0175	EA	13" Or 14" Wheel Diameter, 1/4 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	3,024.58	219.06
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0176	EA	13" Or 14" Wheel Diameter, 3/4 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	3,405.42	219.06
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0177	EA	13" Or 14" Wheel Diameter, 1-1/2 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	3,729.19	219.06
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0178	EA	16" Or 18" Wheel Diameter, 1/3 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	3,626.81	250.35
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0179	EA	16" Or 18" Wheel Diameter, 1-1/2 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	4,175.11	250.35
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0180	EA	24" Wheel Diameter, 1 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	5,313.77	312.93
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0181	EA	24" Wheel Diameter, 3 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch.	5,616.46	312.93
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0182	EA	24" Wheel Diameter, 5 HP Belt Drive, In Line Duct Fan Note: Belt drive. 230/460/60/3. Includes disconnect switch.	5,829.83	312.93
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0183	EA	30 Or 36" Wheel Diameter, 3 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch.	6,740.36	375.52
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0184	EA	30 Or 36" Wheel Diameter, 5 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch.	6,995.03	375.52
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0185	EA	30 Or 36" Wheel Diameter, 7-1/2 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch.	7,308.00	375.52
		For Totally Enclosed Motor, Add	*85.00*	

23 34 16 00-0186 In-Line Cabinet Fans *(23 34 16 00-0001)*

23 34 16 00-0187	EA	77 - 124 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	563.28	109.52
23 34 16 00-0188	EA	91 - 138 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	563.28	109.52
23 34 16 00-0189	EA	82 - 266 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	640.80	115.78
23 34 16 00-0190	EA	281 - 412 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	710.05	115.78
23 34 16 00-0191	EA	190 CFM, 115 Volt, Direct Drive Cabinet Fan	899.22	115.78
23 34 16 00-0192	EA	217 - 447 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	740.97	115.78
23 34 16 00-0193	EA	325 - 545 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	849.68	115.78
23 34 16 00-0194	EA	250 - 545 CFM, 115 Volt, 1/6 HP, Direct Drive In-Line Cabinet Fan	1,616.95	115.78
23 34 16 00-0195	EA	419 - 766 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	1,000.73	122.04
23 34 16 00-0196	EA	334 - 737 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	1,017.78	122.04
23 34 16 00-0197	EA	350 - 737 CFM, 120 Volt, 1/4 HP, Direct Drive In-Line Cabinet Fan	1,682.77	122.04
23 34 16 00-0198	EA	527 - 813 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	1,017.78	122.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0199	EA	631 - 908 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	1,374.77	122.04
23 34 16 00-0200	EA	752 - 1244 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	1,374.77	122.04
23 34 16 00-0201	EA	1043 - 1584 CFM, 115 Volt, 1/3 HP, Direct Drive In-Line Cabinet Fan	1,374.77	122.04
23 34 16 00-0202	EA	999 - 1672 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	1,494.13	122.04
23 34 16 00-0203		**Propeller And Ceiling Fans** *(23 34 16)*		
23 34 16 00-0204		**Direct Drive, Sidewall Propeller Exhaust Fan** *(23 34 16 00-0203)*		
		Note: Greenheck SE1.		
23 34 16 00-0205	EA	1/25 HP, 307 CFM At 1/8" Static Pressure, 8" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	789.43	133.94
		Note: Includes motor side guard.		
		For Backdraft Damper, Add	*230.53*	
		For Wall Mount Collar, Add	*309.82*	
23 34 16 00-0206	EA	1/12 HP, 763 CFM At 1/8" Static Pressure, 10" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	835.45	148.96
		Note: Includes motor side guard.		
		For Backdraft Damper, Add	*246.95*	
		For Wall Mount Collar, Add	*309.82*	
23 34 16 00-0207	EA	1/8 HP, 1,149 CFM At 1/8" Static Pressure, 12" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	925.06	165.23
		Note: Includes motor side guard.		
		For Backdraft Damper, Add	*270.14*	
		For Wall Mount Collar, Add	*317.93*	
23 34 16 00-0208	EA	1/6 HP, 1,350 CFM At 1/8" Static Pressure, 14" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	1,358.61	182.75
		For Backdraft Damper, Add	*323.80*	
		For Wall Mount Collar, Add	*323.74*	
		For Motor Side Guard, Add	*268.22*	
23 34 16 00-0209	EA	1/6 HP, 2,012 CFM At 1/8" Static Pressure, 16" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	1,137.16	202.78
		For Backdraft Damper, Add	*323.80*	
		For Wall Mount Collar, Add	*331.84*	
		For Motor Side Guard, Add	*285.45*	
23 34 16 00-0210	EA	1/4 HP, 2,908 CFM At 1/8" Static Pressure, 18" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	1,277.15	225.32
		For Backdraft Damper, Add	*394.38*	
		For Wall Mount Collar, Add	*339.94*	
		For Motor Side Guard, Add	*302.68*	
23 34 16 00-0211	EA	1/3 HP, 3,974 CFM At 1/8" Static Pressure, 20" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	1,454.90	250.35
		For Backdraft Damper, Add	*394.38*	
		For Wall Mount Collar, Add	*345.75*	
		For Motor Side Guard, Add	*326.76*	
23 34 16 00-0212		**Belt Drive Propeller Exhaust Fans** *(23 34 16 00-0203)*		
		Note: Wall shutter 1/8" static pressure, with bird screen.		
23 34 16 00-0213	EA	24" Propeller Exhaust Fan, V-Belt Drive, 5,795 CFM, 1/2 HP, With Wall Shutter	2,662.70	358.00
23 34 16 00-0214	EA	30" Propeller Exhaust Fan, V-Belt Drive, 9,060 CFM, 3/4 HP, With Wall Shutter	3,049.57	416.83
23 34 16 00-0215	EA	36" Propeller Exhaust Fan, V-Belt Drive, 11,850 CFM, 1 HP, With Wall Shutter	3,459.33	500.70
23 34 16 00-0216	EA	42" Propeller Exhaust Fan, V-Belt Drive, 17,400 CFM, 1-1/2 HP, With Wall Shutter	4,816.84	625.87
23 34 16 00-0217	EA	48" Propeller Exhaust Fan, V-Belt Drive, 19,870 CFM, 1-1/2 HP, With Wall Shutter	5,746.17	834.90
23 34 16 00-0218	EA	54" Propeller Exhaust Fan, V-Belt Drive, 26,000 CFM, 2 HP, With Wall Shutter	7,981.14	1,251.74
23 34 16 00-0219	EA	60" Propeller Exhaust Fan, V-Belt Drive, 35,120 CFM, 3 HP, With Wall Shutter	9,579.49	1,604.72
23 34 16 00-0220		**Propeller Exhaust Fan Accessories** *(23 34 16 00-0203)*		
23 34 16 00-0221	SF	Hinged Mesh Screen For Wall Propeller Fans, 1" x 1" Frame (SF Of Fan Opening)	136.84	
23 34 16 00-0222	SF	Galvanized Weather Hood For Wall Propeller Fan (SF Of Fan Opening)	315.15	
23 34 16 00-0223		**Reversible Ceiling Fans** *(23 34 16 00-0203)*		
23 34 16 00-0224		**4 Blade Ceiling Fans** *(23 34 16 00-0223)*		
23 34 16 00-0225	EA	42" 4-Blade Ceiling Fan, Three Speed	618.92	64.92
		For Brass Plated Motor, Add	*20.25*	
		For Light Kit, Add	*26.08*	
23 34 16 00-0226		**5 Blade Ceiling Fans** *(23 34 16 00-0223)*		
23 34 16 00-0227	EA	42" 5-Blade Ceiling Fan, Three Speed	677.55	160.67
		For Brass Plated Motor, Add	*20.25*	
		For Light Kit, Add	*26.15*	
23 34 16 00-0228	EA	52" 5-Blade Ceiling Fan, Three Speed	773.79	160.67
		For Brass Plated Motor, Add	*20.25*	
		For Light Kit, Add	*26.28*	
23 34 16 00-0229		**3 Blade Weatherproof Ceiling Fans** *(23 34 16 00-0223)*		
23 34 16 00-0230	EA	3-Blade Ceiling Fan, Weatherproof, Three Speed	641.71	61.96
23 34 16 00-0231		**Ceiling Fan Down Rod** *(23 34 16 00-0223)*		
23 34 16 00-0232	EA	1' Ceiling Fan Down Rod	24.74	
23 34 16 00-0233	EA	1-1/2' Ceiling Fan Down Rod	32.62	
23 34 16 00-0234	EA	2' Ceiling Fan Down Rod	36.56	
23 34 16 00-0235	EA	3' Ceiling Fan Down Rod	49.23	
23 34 16 00-0236	EA	4' Ceiling Fan Down Rod	57.56	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0237	EA	5' Ceiling Fan Down Rod	70.82	
23 34 16 00-0238	EA	6' Ceiling Fan Down Rod	88.68	
23 34 16 00-0239		**Exhaust Fans** *(23 34 16)*		
23 34 16 00-0240		**Exhaust Fans** *(23 34 16 00-0239)* Note: Excludes ducting.		
23 34 16 00-0241		**Light Duty Exhaust Fans** *(23 34 16 00-0240)*		
23 34 16 00-0242		**Light Duty Exhaust Fans** *(23 34 16 00-0241)*		
23 34 16 00-0243	EA	80 CFM, Single Speed, Ceiling Bathroom Exhaust Fan Without Light (NuTone InVent Series AEN80)	262.56	52.47
23 34 16 00-0244	EA	110 CFM, Single Speed, Ceiling Bathroom Exhaust Fan Without Light (NuTone InVent Series AEN110)	296.06	52.47
23 34 16 00-0245	EA	50 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan Without Light (Broan® 670)	161.42	52.47
23 34 16 00-0246	EA	70 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan Without Light (Broan® 671)	170.85	52.47
23 34 16 00-0247	EA	180 CFM, Ceiling Mounted, Polymeric Intake Grille, Vertical Discharge, Light Duty Exhaust Fan Without Light (Broan® 505)	284.13	52.47
23 34 16 00-0248	EA	350 CFM, Ceiling Mounted, Polymeric Intake Grille, Vertical Discharge, Light Duty Exhaust Fan Without Light (Broan® 504)	359.88	52.47
23 34 16 00-0249	EA	160 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Side Discharge, Light Duty Exhaust Fan Without Light (Broan® 503)	321.42	52.47
23 34 16 00-0250	EA	270 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Side Discharge, Light Duty Exhaust Fan Without Light (Broan® 502)	428.98	52.47
23 34 16 00-0251		**Light Duty Exhaust Fans With Lights** *(23 34 16 00-0241)*		
23 34 16 00-0252	EA	50 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 678)	211.88	52.47
23 34 16 00-0253	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 679)	235.52	52.47
23 34 16 00-0254	EA	100 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 680)	443.42	52.47
23 34 16 00-0255	EA	80 CFM, Single Speed, Ceiling Bathroom Exhaust Fan With LED Light (NuTone InVent Series AEN80L)	397.92	52.47
23 34 16 00-0256	EA	110 CFM, Single Speed, Ceiling Bathroom Exhaust Fan With LED Light (NuTone InVent Series AEN110L)	416.23	52.47
23 34 16 00-0257		**Light Duty Exhaust Fans With Heaters** *(23 34 16 00-0241)*		
23 34 16 00-0258	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater Bulb (Broan® 162)	217.01	52.47
23 34 16 00-0259	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater (Broan® 658)	346.63	52.47
23 34 16 00-0260		**Light Duty Exhaust Fans With Heaters And Lights** *(23 34 16 00-0241)*		
23 34 16 00-0261	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater And Light (Broan® 655)	369.10	52.47
23 34 16 00-0262	EA	100 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater And Light (Broan® 100HL)	562.03	52.47
23 34 16 00-0263		**Heavy-Duty/Continuous Operation Exhaust Fans** *(23 34 16 00-0240)*		
23 34 16 00-0264		**Heavy-Duty/Continuous Operation Exhaust Fans** *(23 34 16 00-0263)* Note: Includes enamel steel or aluminum grille.		
23 34 16 00-0265	EA	50 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® HD50)	252.70	52.47
23 34 16 00-0266	EA	80 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® HD80)	279.79	52.47
23 34 16 00-0267	EA	109 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L100MG)	514.28	52.47
23 34 16 00-0268	EA	157 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L150MG)	526.84	52.47
23 34 16 00-0269	EA	210 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L200MG)	565.91	52.47
23 34 16 00-0270	EA	259 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L250MG)	590.88	52.47
23 34 16 00-0271	EA	308 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L300MG)	600.56	52.47
23 34 16 00-0272	EA	434 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L400)	687.79	52.47
23 34 16 00-0273	EA	514 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L500)	784.01	52.47
23 34 16 00-0274	EA	701 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L700)	838.81	52.47
23 34 16 00-0275	EA	901 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L900)	998.91	52.47
23 34 16 00-0276	EA	1,513 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L1500)	1,284.10	52.47
23 34 16 00-0277		**Heavy-Duty/Continuous Operation Kitchen Exhaust Fans** *(23 34 16 00-0263)* Note: Includes enamel steel or aluminum grille.		
23 34 16 00-0278	EA	308 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L300KMG)	534.15	52.47
23 34 16 00-0279	EA	434 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L400K)	776.81	52.47
23 34 16 00-0280	EA	514 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L500K)	821.75	52.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0281		**Heavy-Duty/Continuous Operation Exhaust Fans With Lights** *(23 34 16 00-0263)*		
23 34 16 00-0282	EA	50 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan With Light (Broan® HD50L)	274.88	52.47
23 34 16 00-0283	EA	80 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan With Light (Broan® HD80L)	300.33	52.47
23 34 16 00-0284		**Fire Rated, Heavy-Duty/Continuous Operation Exhaust Fans** *(23 34 16 00-0263)*		
23 34 16 00-0285	EA	50 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® HD50RDF)	286.06	52.47
23 34 16 00-0286	EA	80 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® HD80RDF)	302.90	52.47
23 34 16 00-0287	EA	110 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® 110RDF)	311.03	52.47
23 34 16 00-0288		**Low Sound, Direct Drive, Centrifugal Ceiling Exhaust Fans** *(23 34 16 00-0240)*		
23 34 16 00-0289	EA	900 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A900)	1,378.77	52.47
23 34 16 00-0290	EA	1050 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1050)	1,378.77	52.47
23 34 16 00-0291	EA	1410 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1410)	1,378.77	52.47
23 34 16 00-0292	EA	1550 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1550)	1,513.33	52.47
23 34 16 00-0293		**Room-To-Room Exhaust Fans** *(23 34 16 00-0240)*		
23 34 16 00-0294	EA	90 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 512)	205.52	52.47
23 34 16 00-0295	EA	180 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 511)	343.10	52.47
23 34 16 00-0296	EA	380 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 510)	393.23	52.47
23 34 16 00-0297		**Through-Wall Exhaust Fans** *(23 34 16 00-0240)*		
23 34 16 00-0298	EA	250 CFM, Wall Mounted, Polymeric Intake Grille, Chain Operated, Through Wall Exhaust Fan (Broan® 507)	367.02	52.47
23 34 16 00-0299	EA	470 CFM, Wall Mounted, Polymeric Intake Grille, Chain Operated, Through Wall Exhaust Fan (Broan® 506)	436.12	52.47
23 34 16 00-0300	EA	180 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan (Broan® 509)	319.51	52.47
23 34 16 00-0301	EA	270 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan (Broan® 508)	428.98	52.47
23 34 16 00-0302	EA	360 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan With Motorized Door (Broan® 12C)	753.03	52.47
23 34 16 00-0303		**Exhaust Fan Accessories** *(23 34 16 00-0240)*		
23 34 16 00-0304		**Exhaust Fan Controls** *(23 34 16 00-0303)*		
23 34 16 00-0305	EA	Electronic Variable Speed Control Dial, Single Gang, Exhaust Fan Controls (Broan® 57)	201.40	32.79
23 34 16 00-0306	EA	60-Minute Time Control Dial, Single Gang, Exhaust Fan Controls (Broan® 59)	140.28	32.79
23 34 16 00-0307	EA	60-Minute Time Control Dial With Rocker Switch, Double Gang, Exhaust Fan Controls (Broan® 61)	141.73	32.79
23 34 16 00-0308		**Roof And Wall Caps For Exhaust Fans** *(23 34 16 00-0303)*		
23 34 16 00-0309		**Wall Caps For Exhaust Fans** *(23 34 16 00-0308)*		
23 34 16 00-0310	EA	Aluminum Wall Cap For Up To 12" Duct, Installed On Exterior Walls (Broan® 613)	324.71	67.97
23 34 16 00-0311	EA	Aluminum Wall Cap For Up To 18" Duct, Installed On Exterior Walls (Broan® 643)	329.52	67.97
23 34 16 00-0312		**Roof Caps For Exhaust Fans** *(23 34 16 00-0308)* Note: Includes flashing and built in bird screen.		
23 34 16 00-0313	EA	Aluminum Roof Cap For Up To 8" Duct, Installed On Flat Roofs (Broan® 611)	275.05	67.97
23 34 16 00-0314	EA	Aluminum Roof Cap For Up To 12" Duct, Installed On Flat Roofs (Broan® 612)	400.00	67.97
23 34 16 00-0315	EA	CRCQ Steel Roof Cap For Up To 4" Duct, Installed On Sloped Roofs (Broan® 636)	179.00	67.97
23 34 16 00-0316	EA	CRCQ Steel Roof Cap For Up To 8" Duct, Installed On Sloped Roofs (Broan® 634)	216.48	67.97
23 34 16 00-0317		**Removal And Reinstallation Of Light Duty Ceiling Exhaust Fan** *(23 34 16 00-0240)* Note: Includes storage and cleaning.		
23 34 16 00-0318	EA	Removal And Reinstallation Of Light Duty Ceiling Exhaust Fan	93.88	
23 34 23		**HVAC Power Ventilators** *(23 34)*		
23 34 23 00-0001		**Power Roof Ventilators** *(23 34 23)*		
23 34 23 00-0002		**Direct Drive, Aluminum, Centrifugal Roof Exhausters** *(23 34 23 00-0001)* Note: Greenheck G.		
23 34 23 00-0003	EA	1/25 HP, 310 CFM At 1/4" Static Pressure, 17" x 17" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster Note: Three speed motor.	688.99	179.00
		For 12" Roof Curb, Add	*239.32*	
		For Backdraft Damper, Add	*182.62*	
		For Solid State Speed Control, Add	*125.41*	
		For Damper Motor, Add	*322.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 23 00-0004	EA	1/8 HP, 863 CFM At 1/4" Static Pressure, 17" x 17" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster Note: Three speed motor.	753.74	202.78
		For 12" Roof Curb, Add	*239.32*	
		For Backdraft Damper, Add	*182.62*	
		For Solid State Speed Control, Add	*125.41*	
		For Damper Motor, Add	*322.09*	
23 34 23 00-0005	EA	1/6 HP, 1,213 CFM At 1/4" Static Pressure, 19" x 19" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	1,075.15	236.58
		For 12" Roof Curb, Add	*246.17*	
		For Backdraft Damper, Add	*195.66*	
		For Solid State Speed Control, Add	*125.41*	
		For Damper Motor, Add	*322.09*	
23 34 23 00-0006	EA	1/4 HP, 1,374 CFM At 1/4" Static Pressure, 19" x 19" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	1,108.37	266.62
		For 12" Roof Curb, Add	*246.17*	
		For Backdraft Damper, Add	*195.66*	
		For Solid State Speed Control, Add	*125.41*	
		For Damper Motor, Add	*322.09*	
23 34 23 00-0007	EA	1/3 HP, 1,905 CFM At 1/4" Static Pressure, 22" x 22" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	1,422.23	294.16
		For Solid State Speed Control, Add	*125.41*	
		For Damper Motor, Add	*322.09*	
23 34 23 00-0008	EA	1/2 HP, 3,072 CFM At 1/4" Static Pressure, 22" x 22" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	1,613.06	312.93
		For 12" Roof Curb, Add	*257.58*	
		For Backdraft Damper, Add	*222.23*	
		For Solid State Speed Control, Add	*196.18*	
		For Damper Motor, Add	*322.09*	

23 34 23 00-0009 Belt Drive, Aluminum, Centrifugal Roof Exhausters *(23 34 23 00-0001)*

Note: Greenheck GB.

23 34 23 00-0010	EA	1/4 HP, 1,556 CFM At 1/4" Static Pressure, 19" x 19" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	1,591.54	318.68
		For 12" Roof Curb, Add	*246.17*	
		For Backdraft Damper, Add	*195.66*	
		For Damper Motor, Add	*322.09*	
23 34 23 00-0011	EA	1/3 HP, 1,966 CFM At 1/4" Static Pressure, 22" x 22" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	1,735.55	338.30
		For 12" Roof Curb, Add	*257.58*	
		For Backdraft Damper, Add	*222.23*	
		For Damper Motor, Add	*322.09*	
23 34 23 00-0012	EA	1/2 HP, 2,943 CFM At 1/4" Static Pressure, 22" x 22" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	2,349.34	404.31
		For 12" Roof Curb, Add	*257.58*	
		For Backdraft Damper, Add	*222.23*	
		For Damper Motor, Add	*322.09*	
23 34 23 00-0013	EA	3/4 HP, 4,289 CFM At 1/4" Static Pressure, 30" x 30" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	2,996.53	500.70
		For 12" Roof Curb, Add	*312.38*	
		For Backdraft Damper, Add	*279.26*	
		For Damper Motor, Add	*322.09*	
23 34 23 00-0014	EA	1 HP, 6,157 CFM At 1/4" Static Pressure, 34" x 34" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	3,952.30	625.87
		For 12" Roof Curb, Add	*337.49*	
		For Backdraft Damper, Add	*302.45*	
		For Damper Motor, Add	*322.09*	
23 34 23 00-0015	EA	1-1/2 HP, 8,906 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	6,406.91	782.33
		For 12" Roof Curb, Add	*376.30*	
		For Backdraft Damper, Add	*335.80*	
		For Damper Motor, Add	*322.09*	
23 34 23 00-0016	EA	2 HP, 10,059 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	6,461.71	782.33
		For 12" Roof Curb, Add	*376.30*	
		For Backdraft Damper, Add	*335.80*	
		For Damper Motor, Add	*322.09*	
23 34 23 00-0017	EA	3 HP, 11,703 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	7,053.00	782.33
		For 12" Roof Curb, Add	*376.30*	
		For Backdraft Damper, Add	*335.80*	
		For Damper Motor, Add	*322.09*	
23 34 23 00-0018	EA	5 HP, 13,897 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	5,703.88	782.33
		For 12" Roof Curb, Add	*376.30*	
		For Backdraft Damper, Add	*335.80*	
		For Damper Motor, Add	*322.09*	

23 34 23 00-0019 Propeller Exhaust Fans, Roof Mounted Upblast *(23 34 23 00-0001)*

Note: Includes back draft damper and bird screen and curb.

23 34 23 00-0020	EA	30,300 CFM Belt Drive 5 HP Propeller Exhaust Fan, Roof Mounted, 3/8" Static Pressure	9,047.31	962.58
23 34 23 00-0021	EA	36,000 CFM Belt Drive 15 HP Propeller Exhaust Fan, Roof Mounted, 1/2" Static Pressure	14,857.32	1,251.36

23 34 23 00-0022 Belt Drive Supply Fans *(23 34 23 00-0001)*

23 34 23 00-0023	EA	4,500 CFM, 24" x 24" Supply Fan, Roof Mounted	3,563.48	499.82
23 34 23 00-0024	EA	10,000 CFM, 36" x 36" Supply Fan, Roof Mounted	4,820.83	625.74

23 34 23 00-0025 Fan Thermostat *(23 34 23 00-0001)*

23 34 23 00-0026	EA	50 To 120 Degree Line Voltage Fan Thermostat	155.67	

23 34 23 00-0027 Power Wall Ventilators *(23 34 23)*

23 34 23 00-0028 Centrifugal Sidewall Exhausters *(23 34 23 00-0027)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 23 00-0029		**Direct Drive, Aluminum, Centrifugal Sidewall Exhauster** *(23 34 23 00-0028)* Note: Greenheck CW.		
23 34 23 00-0030	EA	1/25 HP, 297 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster	906.25	201.53
		For Solid State Speed Control, Add	*196.18*	
		For Backdraft Damper, Add	*258.13*	
		For Damper Motor, Add	*560.28*	
		For Interior Wall Grill, Add	*149.50*	
23 34 23 00-0031	EA	1/8 HP, 861 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster	1,040.28	236.58
		For Solid State Speed Control, Add	*196.18*	
		For Backdraft Damper, Add	*284.71*	
		For Damper Motor, Add	*560.28*	
		For Interior Wall Grill, Add	*178.15*	
23 34 23 00-0032	EA	1/6 HP, 1,179 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster	1,549.04	266.62
		For Solid State Speed Control, Add	*196.18*	
		For Backdraft Damper, Add	*321.44*	
		For Damper Motor, Add	*560.28*	
		For Interior Wall Grill, Add	*206.79*	
23 34 23 00-0033		**Belt Drive, Aluminum, Centrifugal Sidewall Exhausters** *(23 34 23 00-0028)* Note: Greenheck CWB.		
23 34 23 00-0034	EA	1/4 HP, 1,633 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster	2,801.13	150.62
		For Solid State Speed Control, Add	*196.18*	
		For Backdraft Damper, Add	*295.83*	
		For Damper Motor, Add	*560.28*	
		For Interior Wall Grill, Add	*315.34*	
23 34 23 00-0035	EA	1/2 HP, 2,291 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster	2,957.83	169.62
		For Solid State Speed Control, Add	*196.18*	
		For Backdraft Damper, Add	*295.83*	
		For Damper Motor, Add	*560.28*	
		For Interior Wall Grill, Add	*315.34*	
23 34 23 00-0036	EA	3/4 HP, 3,646 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster	3,634.52	194.04
		For Solid State Speed Control, Add	*196.18*	
		For Backdraft Damper, Add	*372.30*	
		For Damper Motor, Add	*560.28*	
		For Interior Wall Grill, Add	*366.82*	
23 34 33		**Air Curtains** *(23 34)*		
23 34 33 00-0001		**Unheated Air Curtains For Entrances** *(23 34 33)*		
23 34 33 00-0002		**Unheated Air Curtains, Standard Velocity** *(23 34 33 00-0001)*		
23 34 33 00-0003	EA	Air Curtain For 3' x 8' - 10' Personnel Entrance, Unheated Note: Includes housing, mounting brackets and manual controls.	2,635.13	917.52
		For Door Limit Switch, Combination Roller And Plunger, Add	*213.38*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*580.86*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*431.49*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*663.84*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0004	EA	Air Curtain For 3.5' x 8' - 10' Personnel Entrance, Unheated Note: Includes housing, mounting brackets and manual controls.	2,671.73	917.52
		For Door Limit Switch, Combination Roller And Plunger, Add	*213.38*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*580.86*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*431.49*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*663.84*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0005	EA	Air Curtain For 4' x 8' - 10' Personnel Entrance, Unheated Note: Includes housing, mounting brackets and manual controls.	2,711.37	917.52
		For Door Limit Switch, Combination Roller And Plunger, Add	*213.38*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*580.86*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*431.49*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*663.84*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0006	EA	Air Curtain For 5' x 8' - 10' Personnel Entrance, Unheated Note: Includes housing, mounting brackets and manual controls.	3,367.08	917.52
		For Door Limit Switch, Combination Roller And Plunger, Add	*213.38*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*580.86*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*431.49*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*663.84*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0007	EA	Air Curtain For 6' x 8' - 10' Personnel Entrance, Unheated	3,822.14	1,101.52
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*213.38*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*580.86*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*431.49*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*663.84*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0008	EA	Air Curtain For 7' x 8' - 10' Personnel Entrance, Unheated	4,050.87	1,101.52
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*213.38*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*580.86*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*431.49*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*663.84*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0009	EA	Air Curtain For 8' x 8' - 10' Personnel Entrance, Unheated	4,490.63	1,270.51
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*213.38*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*580.86*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*431.49*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*663.84*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0010	EA	Air Curtain For 9' x 8' - 10' Personnel Entrance, Unheated	5,404.05	1,270.51
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*213.38*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*580.86*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*431.49*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*663.84*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0011	EA	Air Curtain For 10' x 8' - 10' Personnel Entrance, Unheated	5,519.94	1,270.51
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*213.38*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*580.86*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*431.49*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*663.84*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0012	EA	Air Curtain For 12' x 8' - 10' Personnel Entrance, Unheated	5,827.97	1,270.51
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*213.38*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*580.86*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*431.49*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*663.84*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	

23 34 33 00-0013 Unheated Air Curtains, High Velocity *(23 34 33 00-0001)*

23 34 33 00-0014	EA	High Velocity Air Curtain For 3' x 10' - 12' Entrance, Unheated	3,242.04	917.52
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*213.38*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*355.45*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0015	EA	High Velocity Air Curtain For 3.5' x 10' - 12' Entrance, Unheated	3,289.31	917.52
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*213.38*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*355.45*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0016	EA	High Velocity Air Curtain For 4' x 10' - 12' Entrance, Unheated	3,309.13	917.52
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*213.38*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*355.45*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0017	EA	High Velocity Air Curtain For 5' x 10' - 12' Entrance, Unheated	3,347.26	917.52
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*213.38*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*355.45*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0018	EA	High Velocity Air Curtain For 6' x 10' - 12' Entrance, Unheated	5,212.85	1,101.52
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*213.38*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*355.45*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0019	EA	High Velocity Air Curtain For 7' x 10' - 12' Entrance, Unheated	5,447.68	1,101.52
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*213.38*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*355.45*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0020	EA	High Velocity Air Curtain For 8' x 10' - 12' Entrance, Unheated	5,800.52	1,270.51
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*213.38*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*355.45*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0021	EA	High Velocity Air Curtain For 9' x 10' - 12' Entrance, Unheated	6,613.29	1,270.51
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*213.38*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*355.45*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0022	EA	High Velocity Air Curtain For 10' x 10' - 12' Entrance, Unheated	6,698.69	1,270.51
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*213.38*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*355.45*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0023	EA	High Velocity Air Curtain For 12' x 10' - 12' Entrance, Unheated	7,031.12	1,270.51
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*213.38*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*355.45*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0024		**Service Window Unheated Air Curtains** *(23 34 33 00-0001)*		
		Note: Normal window sizes.		
23 34 33 00-0025	EA	Air Curtain For 2.5' x 5' Service Window, Unheated	2,354.22	723.51
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*213.38*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0026		**Heated Air Curtains For Entrances** *(23 34 33)*		
		Note: Includes housing, mounting brackets and manual controls.		
23 34 33 00-0027	EA	60" Heated Air Curtain With 1- 300 MBH Heater	4,425.13	808.00
		For Door Limit Switch, Combination Roller And Plunger, Add	*213.38*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0028	EA	60" Heated Air Curtain With 1- 400 MBH Heater	4,799.63	808.00
		For Door Limit Switch, Combination Roller And Plunger, Add	*213.38*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0029	EA	72" Heated Air Curtain With 1- 350 MBH Heater	5,309.36	969.47
		For Door Limit Switch, Combination Roller And Plunger, Add	*213.38*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0030	EA	72" Heated Air Curtain With 2- 250 MBH Heaters	5,758.76	969.47
		For Door Limit Switch, Combination Roller And Plunger, Add	*213.38*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0031	EA	96" Heated Air Curtain With 1- 400 MBH Heater	7,078.08	1,292.42
		For Door Limit Switch, Combination Roller And Plunger, Add	*213.38*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0032	EA	96" Heated Air Curtain With 2- 350 MBH Heaters	7,677.28	1,292.42
		For Door Limit Switch, Combination Roller And Plunger, Add	*213.38*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0033	EA	117" Heated Air Curtain With 2- 300 MBH Heaters	8,625.28	1,574.68
		For Door Limit Switch, Combination Roller And Plunger, Add	*213.38*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0034	EA	117" Heated Air Curtain With 2- 400 MBH Heaters	9,355.55	1,574.68
		For Door Limit Switch, Combination Roller And Plunger, Add	*213.38*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0035	EA	147" Heated Air Curtain With 2- 350 MBH Heaters	10,837.59	1,978.36
		For Door Limit Switch, Combination Roller And Plunger, Add	*213.38*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0036	EA	147" Heated Air Curtain With 3- 350 MBH Heaters	12,653.91	1,978.36
		For Door Limit Switch, Combination Roller And Plunger, Add	*213.38*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0037	EA	168" Heated Air Curtain With 2- 400 MBH Heaters	12,386.64	2,261.26
		For Door Limit Switch, Combination Roller And Plunger, Add	*213.38*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0038	EA	168" Heated Air Curtain With 3- 400 MBH Heaters	14,461.99	2,261.26
		For Door Limit Switch, Combination Roller And Plunger, Add	*213.38*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0039	EA	192" Heated Air Curtain With 2- 400 MBH Heaters	14,151.90	2,584.20
		For Door Limit Switch, Combination Roller And Plunger, Add	*213.38*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0040	EA	192" Heated Air Curtain With 4- 350 MBH Heaters	16,523.73	2,584.20
		For Door Limit Switch, Combination Roller And Plunger, Add	*213.38*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	

23 35 Special Exhaust Systems *(23 30)*

23 35 13 Dust Collection Systems *(23 35)*

23 35 13 13 Sawdust Collection Systems *(23 35 13)*

23 35 13 13-0001 Dust Collector System *(23 35 13 13)*

23 35 13 13-0002	EA	1.5 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.	4,874.10	1,085.55
23 35 13 13-0003	EA	2 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.	5,467.91	1,289.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 35 13 13-0004	EA	2-1/2 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.	6,566.73	1,492.63
23 35 13 13-0005	EA	3 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.	7,493.06	1,764.02
23 35 13 13-0006	EA	5 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.	15,703.22	2,008.58
23 35 13 13-0007	EA	7-1/2 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.	19,046.38	2,343.34
23 35 13 13-0008	EA	10 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.	21,816.59	2,678.10
23 35 13 13-0009	EA	15 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and two 55 gallon fiber drum dust bin.	24,535.55	3,079.82
23 35 13 13-0010	EA	20 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and two 55 gallon fiber drum dust bin.	27,380.73	3,481.53
23 35 13 13-0011		**Vacuum Tubing And Accessories** *(23 35 13 13)*		
23 35 13 13-0012		**Vacuum Tubing** *(23 35 13 13-0011)*		
23 35 13 13-0013		**Flexible Hose** *(23 35 13 13-0012)*		
23 35 13 13-0014	LF	2" Flexible Hose	13.74	2.25
23 35 13 13-0015	LF	3" Flexible Hose	16.44	2.51
23 35 13 13-0016	LF	4" Flexible Hose	17.85	2.76
23 35 13 13-0017		**Galvanized Vacuum Tubing** *(23 35 13 13-0012)*		
23 35 13 13-0018	LF	2-1/8" Outside Diameter Vacuum Tubing, Galvanized	11.09	2.25
23 35 13 13-0019	LF	2-1/2" Outside Diameter Vacuum Tubing, Galvanized	12.38	2.38
23 35 13 13-0020	LF	3" Outside Diameter Vacuum Tubing, Galvanized	14.66	2.51
23 35 13 13-0021	LF	3-1/2" Outside Diameter Vacuum Tubing, Galvanized	18.94	2.63
23 35 13 13-0022	LF	4" Outside Diameter Vacuum Tubing, Galvanized	19.50	2.76
23 35 13 13-0023	LF	5" Outside Diameter Vacuum Tubing, Galvanized	31.94	3.13
23 35 13 13-0024	LF	6" Outside Diameter Vacuum Tubing, Galvanized	36.01	3.63
23 35 13 13-0025	LF	8" Outside Diameter Vacuum Tubing, Galvanized	48.75	5.00
23 35 13 13-0026	LF	10" Outside Diameter Vacuum Tubing, Galvanized	57.20	6.26
23 35 13 13-0027	LF	12" Outside Diameter Vacuum Tubing, Galvanized	140.90	8.26
23 35 13 13-0028		**Vacuum Fittings, Galvanized** *(23 35 13 13-0011)*		
23 35 13 13-0029		**90 Degree Elbow** *(23 35 13 13-0028)*		
23 35 13 13-0030	EA	2-1/8" 90 Degree Elbow, Vacuum Tubing, Galvanized	56.35	14.39
23 35 13 13-0031	EA	2-1/2" 90 Degree Elbow, Vacuum Tubing, Galvanized	69.16	15.40
23 35 13 13-0032	EA	3" 90 Degree Elbow, Vacuum Tubing, Galvanized	85.63	16.78
23 35 13 13-0033	EA	3-1/2" 90 Degree Elbow, Vacuum Tubing, Galvanized	100.66	18.15
23 35 13 13-0034	EA	4" 90 Degree Elbow, Vacuum Tubing, Galvanized	119.53	20.03
23 35 13 13-0035	EA	5" 90 Degree Elbow, Vacuum Tubing, Galvanized	194.95	22.28
23 35 13 13-0036	EA	6" 90 Degree Elbow, Vacuum Tubing, Galvanized	257.67	25.03
23 35 13 13-0037	EA	8" 90 Degree Elbow, Vacuum Tubing, Galvanized	459.67	33.42
23 35 13 13-0038		**45 Degree Elbow** *(23 35 13 13-0028)*		
23 35 13 13-0039	EA	2-1/8" 45 Degree Elbow, Vacuum Tubing, Galvanized	53.01	14.39
23 35 13 13-0040	EA	2-1/2" 45 Degree Elbow, Vacuum Tubing, Galvanized	66.41	15.40
23 35 13 13-0041	EA	3" 45 Degree Elbow, Vacuum Tubing, Galvanized	76.38	16.78
23 35 13 13-0042	EA	3-1/2" 45 Degree Elbow, Vacuum Tubing, Galvanized	90.23	18.15
23 35 13 13-0043	EA	4" 45 Degree Elbow, Vacuum Tubing, Galvanized	109.88	20.03
23 35 13 13-0044	EA	5" 45 Degree Elbow, Vacuum Tubing, Galvanized	161.48	22.28
23 35 13 13-0045	EA	6" 45 Degree Elbow, Vacuum Tubing, Galvanized	208.46	25.03
23 35 13 13-0046	EA	8" 45 Degree Elbow, Vacuum Tubing, Galvanized	377.00	33.42
23 35 13 13-0047		**Wye** *(23 35 13 13-0028)*		
23 35 13 13-0048	EA	2-1/8" Wye, Vacuum Tubing, Galvanized	101.71	23.78
23 35 13 13-0049	EA	2-1/2" Wye, Vacuum Tubing, Galvanized	121.38	25.66
23 35 13 13-0050	EA	3" Wye, Vacuum Tubing, Galvanized	147.18	27.54
23 35 13 13-0051	EA	3-1/2" Wye, Vacuum Tubing, Galvanized	177.93	30.67
23 35 13 13-0052	EA	4" Wye, Vacuum Tubing, Galvanized	235.25	33.17
23 35 13 13-0053	EA	5" Wye, Vacuum Tubing, Galvanized	392.45	36.93
23 35 13 13-0054	EA	6" Wye, Vacuum Tubing, Galvanized	518.06	41.93
23 35 13 13-0055	EA	8" Wye, Vacuum Tubing, Galvanized	1,013.89	45.68
23 35 13 13-0056	EA	10" Wye, Vacuum Tubing, Galvanized	1,400.70	50.07
23 35 13 13-0057	EA	12" Wye, Vacuum Tubing, Galvanized	1,767.70	56.08
23 35 13 13-0058		**Reducer** *(23 35 13 13-0028)*		
23 35 13 13-0059	EA	3" Reducer, Vacuum Tubing, Galvanized	58.66	16.78
23 35 13 13-0060	EA	4" Reducer, Vacuum Tubing, Galvanized	65.12	18.15
23 35 13 13-0061	EA	5" Reducer, Vacuum Tubing, Galvanized	81.51	20.03
23 35 13 13-0062	EA	6" Reducer, Vacuum Tubing, Galvanized	88.09	22.28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 35 13 13-0063	EA	8" Reducer, Vacuum Tubing, Galvanized	102.81	25.03
23 35 13 13-0064		**Air Gate Valve, Galvanized** *(23 35 13 13-0011)*		
23 35 13 13-0065	EA	2-1/8" Air Gate Valve, Vacuum Tubing, Galvanized	385.04	33.42
23 35 13 13-0066	EA	2-1/2" Air Gate Valve, Vacuum Tubing, Galvanized	403.51	35.68
23 35 13 13-0067	EA	3" Air Gate Valve, Vacuum Tubing, Galvanized	463.00	38.43
23 35 13 13-0068	EA	3-1/2" Air Gate Valve, Vacuum Tubing, Galvanized	526.60	41.05
23 35 13 13-0069	EA	4" Air Gate Valve, Vacuum Tubing, Galvanized	593.13	43.56
23 35 13 13-0070	EA	5" Air Gate Valve, Vacuum Tubing, Galvanized	699.93	49.69
23 35 13 13-0071	EA	6" Air Gate Valve, Vacuum Tubing, Galvanized	805.65	55.70
23 35 19		**Fume Exhaust Systems** *(23 35)*		
23 35 19 00-0001	EA	Fume Exhauster, 1 1/2 HP 630 CFM With Out Hose And Intake Nozzle	2,793.25	500.32
23 35 19 00-0002	EA	Hose Extension Kit 5'	455.97	111.15
23 36		**Air Terminal Units** *(23 30)*		
23 36 13		**Constant-Air-Volume Units** *(23 36)*		
23 36 13 00-0001		Duct Boxes, Constant Volume Control *(23 36 13)*		
23 36 13 00-0002		Single Duct Boxes, Constant Volume Control *(23 36 13 00-0001)*		
23 36 13 00-0003	EA	4 - 6" Diameter Inlet, 50 - 240 CFM, Single Duct Boxes, Constant Volume Control	1,453.35	51.56
		For Boxes With Motor, Add	*249.96*	
23 36 13 00-0004	EA	6 - 8" Diameter Inlet, 100 - 480 CFM, Single Duct Boxes, Constant Volume Control	1,608.45	55.63
		For Boxes With Motor, Add	*277.28*	
23 36 13 00-0005	EA	7 - 10" Diameter Inlet, 150 - 720 CFM, Single Duct Boxes, Constant Volume Control	1,671.63	61.06
		For Boxes With Motor, Add	*285.48*	
23 36 13 00-0006	EA	9 - 12" Diameter Inlet, 200 - 960 CFM, Single Duct Boxes, Constant Volume Control	1,702.29	63.78
		For Boxes With Motor, Add	*289.57*	
23 36 13 00-0007	EA	12" Diameter Inlet, 250 - 1,200 CFM, Single Duct Boxes, Constant Volume Control	1,728.61	70.56
		For Boxes With Motor, Add	*289.57*	
23 36 13 00-0008	EA	14" Diameter Inlet, 350 - 1,680 CFM, Single Duct Boxes, Constant Volume Control	1,976.79	78.70
		For Boxes With Motor, Add	*331.92*	
23 36 13 00-0009	EA	16" Diameter Inlet, 450 - 2,160 CFM, Single Duct Boxes, Constant Volume Control	2,075.03	88.20
		For Boxes With Motor, Add	*344.21*	
23 36 13 00-0010	EA	20" x 16" Inlet, 550 - 2,640 CFM, Single Duct Boxes, Constant Volume Control	2,204.24	105.85
		For Boxes With Motor, Add	*356.62*	
23 36 13 00-0011	EA	24" x 16" Inlet, 650 - 3,120 CFM, Single Duct Boxes, Constant Volume Control	2,332.48	122.13
		For Boxes With Motor, Add	*368.80*	
23 36 13 00-0012		Dual Duct Boxes, Constant Volume Control *(23 36 13 00-0001)*		
23 36 13 00-0013	EA	4 - 6" Diameter Inlet, 50 - 240 CFM, Dual Duct Boxes, Constant Volume Control	2,041.31	51.56
		For Boxes With Motor, Add	*367.55*	
23 36 13 00-0014	EA	6 - 8" Diameter Inlet, 100 - 480 CFM, Dual Duct Boxes, Constant Volume Control	2,183.88	55.63
		For Boxes With Motor, Add	*392.37*	
23 36 13 00-0015	EA	7 - 10" Diameter Inlet, 150 - 720 CFM, Dual Duct Boxes, Constant Volume Control	2,279.75	61.06
		For Boxes With Motor, Add	*407.10*	
23 36 13 00-0016	EA	9 - 12" Diameter Inlet, 200 - 960 CFM, Dual Duct Boxes, Constant Volume Control	2,375.22	63.78
		For Boxes With Motor, Add	*424.16*	
23 36 13 00-0017	EA	12" Diameter Inlet, 250 - 1,200 CFM, Dual Duct Boxes, Constant Volume Control	2,401.54	70.56
		For Boxes With Motor, Add	*424.16*	
23 36 13 00-0018	EA	14" Diameter Inlet, 350 - 1,680 CFM, Dual Duct Boxes, Constant Volume Control	2,759.81	80.06
		For Boxes With Motor, Add	*488.52*	
23 36 13 00-0019	EA	16" Diameter Inlet, 450 - 2,160 CFM, Dual Duct Boxes, Constant Volume Control	3,017.38	88.20
		For Boxes With Motor, Add	*532.72*	
23 36 13 00-0020	EA	20" x 16" Inlet, 550 - 2,640 CFM, Dual Duct Boxes, Constant Volume Control	3,251.43	105.85
		For Boxes With Motor, Add	*566.06*	
23 36 13 00-0021	EA	24" x 16" Inlet, 650 - 3,120 CFM, Dual Duct Boxes, Constant Volume Control	3,396.36	122.13
		For Boxes With Motor, Add	*581.57*	
23 36 16		**Variable-Air-Volume Units** *(23 36)*		
23 36 16 00-0001		Variable Volume Terminal Unit *(23 36 16)*		
		Note: Includes flow controllers, insulated plenum, system powered box mounted thermostat.		
23 36 16 00-0002		Single Duct Variable Volume Terminal Unit *(23 36 16 00-0001)*		
		Note: Enclosure only. For mounting DDC controls.		
23 36 16 00-0003	EA	6" Diameter Inlet, 80 To 500 CFM, Variable Air Volume Box With Enclosure Only	638.43	62.42
		Note: For mounting DDC controls		
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0004	EA	8" Diameter Inlet, 145 To 900 CFM, Variable Air Volume Box With Enclosure Only	714.58	70.56
		Note: For mounting DDC controls		
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0005	EA	10" Diameter Inlet, 230 To 1,400 CFM, Variable Air Volume Box With Enclosure Only	795.65	78.70
		Note: For mounting DDC controls		
		For Filters And Frames, Add	*6.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 36 16 00-0006	EA	12" Diameter Inlet, 325 To 2,000 CFM, Variable Air Volume Box With Enclosure Only Note: For mounting DDC controls	849.74	88.20
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0007	EA	14" Diameter Inlet, 450 To 3,000 CFM, Variable Air Volume Box With Enclosure Only Note: For mounting DDC controls	1,171.50	189.84
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0008	EA	16" Diameter Inlet, 580 To 4,000 CFM, Variable Air Volume Box With Enclosure Only Note: For mounting DDC controls	1,417.45	225.26
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0009		**Single Duct Variable Volume Terminal Unit** *(23 36 16 00-0001)* Note: With pneumatic controls.		
23 36 16 00-0010	EA	6" Diameter Inlet, 80 - 500 CFM, Variable Air Volume Box With pneumatic controller	1,325.34	62.42
		For Fan Powered Variable Air Volume Box, Add	*1,391.93*	
		For Hot Water Coils, Add	*437.42*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0011	EA	8" Diameter Inlet, 145 - 900 CFM, Variable Air Volume Box With pneumatic controller	1,433.72	70.56
		For Fan Powered Variable Air Volume Box, Add	*1,490.92*	
		For Hot Water Coils, Add	*467.59*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0012	EA	10" Diameter Inlet, 230 - 1,400 CFM, Variable Air Volume Box With pneumatic controller	1,502.40	78.70
		For Fan Powered Variable Air Volume Box, Add	*1,537.65*	
		For Hot Water Coils, Add	*480.66*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0013	EA	12" Diameter Inlet, 325 - 2,000 CFM, Variable Air Volume Box With pneumatic controller	1,568.89	88.20
		For Fan Powered Variable Air Volume Box, Add	*1,581.33*	
		For Hot Water Coils, Add	*492.73*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0014	EA	14" Diameter Inlet, 450 To 3,000 CFM, Variable Air Volume Box With pneumatic controller	1,823.69	189.84
		For Fan Powered Variable Air Volume Box, Add	*1,775.38*	
		For Hot Water Coils, Add	*549.04*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0015	EA	16" Diameter Inlet, 580 To 4,000 CFM, Variable Air Volume Box With pneumatic controller	2,124.20	225.26
		For Fan Powered Variable Air Volume Box, Add	*1,926.91*	
		For Hot Water Coils, Add	*586.24*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0016		**Single Duct Variable Volume Terminal Unit** *(23 36 16 00-0001)* Note: With analog electronic controls.		
23 36 16 00-0017	EA	6" Diameter Inlet, 60 To 500 CFM, Variable Air Volume Box With Analog Electronic Controls	2,180.87	62.42
		For Hot Water Coils, Add	*784.34*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0018	EA	8" Diameter Inlet, 105 To 900 CFM, Variable Air Volume Box With Analog Electronic Controls	2,269.42	70.56
		For Hot Water Coils, Add	*806.46*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0019	EA	10" Diameter Inlet, 165 To 1,400 CFM, Variable Air Volume Box With Analog Electronic Controls	2,350.49	78.70
		For Hot Water Coils, Add	*824.56*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0020	EA	12" Diameter Inlet, 235 To 2,000 CFM, Variable Air Volume Box With Analog Electronic Controls	2,464.10	88.20
		For Hot Water Coils, Add	*855.73*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0021	EA	14" Diameter Inlet, 320 To 3,000 CFM, Variable Air Volume Box With Analog Electronic Controls	2,721.38	189.84
		For Hot Water Coils, Add	*913.05*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0022	EA	16" Diameter Inlet, 420 To 4,000 CFM, Variable Air Volume Box With Analog Electronic Controls	2,770.97	189.84
		For Hot Water Coils, Add	*933.16*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0023		**Dual Duct Variable Volume Terminal Unit** *(23 36 16 00-0001)* Note: With flow control installation, plenum system power box, thermostat.		
23 36 16 00-0024	EA	6" Diameter Inlet, 75 - 500 CFM, Variable Air Volume Box, Dual Duct	1,499.04	123.34
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0025	EA	8" Diameter Inlet, 200 - 700 CFM, Variable Air Volume Box, Dual Duct	1,639.75	140.45
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0026	EA	10" Diameter Inlet, 400 - 1,000 CFM, Variable Air Volume Box, Dual Duct	1,756.16	158.63
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0027	EA	12" Diameter Inlet, 600 - 1,400 CFM, Variable Air Volume Box, Dual Duct	1,926.16	176.94
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0028	EA	14" Diameter Inlet, 800 - 2,700 CFM, Variable Air Volume Box, Dual Duct	2,165.80	203.54
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0029	EA	16" Diameter Inlet, 1,000 - 3,500 CFM, Variable Air Volume Box, Dual Duct	2,380.45	244.25
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0030		**Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-M)** *(23 36 16 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 36 16 00-0031	EA	0 To 200 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-A)	662.55	84.81
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0032	EA	0 To 300 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-B)	719.11	93.29
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0033	EA	0 To 400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-C)	777.26	101.77
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0034	EA	0 To 700 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-D)	837.08	110.25
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0035	EA	0 To 1,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-E)	898.75	118.73
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0036	EA	0 To 1,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-F)	962.33	127.22
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0037	EA	0 To 1,100 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-G)	1,033.33	135.70
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0038	EA	0 To 1,900 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-H)	1,101.59	144.17
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0039	EA	0 To 2,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-J)	1,172.26	152.65
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0040	EA	0 To 3,800 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-K)	1,245.49	161.13
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0041	EA	0 To 5,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-L)	1,321.50	169.62
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0042	EA	0 To 5,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-M)	1,400.42	178.10
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0043	EA	0 To 6,700 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-N)	1,482.51	186.58
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0044	EA	0 To 10,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-P)	1,560.67	195.06
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0045	EA	0 To 15,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-R)	1,649.22	203.54
		For Filters And Frames, Add	*6.30*	

23 37 Air Outlets and Inlets *(23 30)*

23 37 13 Diffusers, Registers, and Grilles *(23 37)*

23 37 13 13 Diffusers, Registers, and Grilles *(23 37 13)*

23 37 13 13-0001 Ceiling Diffusers *(23 37 13 13)*

23 37 13 13-0002 Ceiling Diffusers With Perforated Face *(23 37 13 13-0001)*

Note: Flush mount, aluminum construction, includes damper.

23 37 13 13-0003	EA	6" x 6" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	137.33	17.64
		For Steel Construction, Deduct	*-10.13*	
		For Surface Mount, Deduct	*-8.10*	
		For Diffuser Without Damper, Deduct	*-13.51*	
		For Stainless Steel, Add	*151.97*	
23 37 13 13-0004	EA	8" x 8" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	152.34	17.64
		For Steel Construction, Deduct	*-12.38*	
		For Surface Mount, Deduct	*-9.91*	
		For Diffuser Without Damper, Deduct	*-16.51*	
		For Stainless Steel, Add	*185.74*	
23 37 13 13-0005	EA	9" x 9" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	152.34	17.64
		For Steel Construction, Deduct	*-12.38*	
		For Surface Mount, Deduct	*-9.91*	
		For Diffuser Without Damper, Deduct	*-16.51*	
		For Stainless Steel, Add	*185.74*	
23 37 13 13-0006	EA	10" x 10" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	183.03	21.71
		For Steel Construction, Deduct	*-14.82*	
		For Surface Mount, Deduct	*-11.86*	
		For Diffuser Without Damper, Deduct	*-19.76*	
		For Stainless Steel, Add	*222.32*	
23 37 13 13-0007	EA	12" x 12" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	183.03	20.35
		For Steel Construction, Deduct	*-14.82*	
		For Surface Mount, Deduct	*-11.86*	
		For Diffuser Without Damper, Deduct	*-19.76*	
		For Stainless Steel, Add	*222.32*	
23 37 13 13-0008	EA	16" x 16" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	210.55	20.35
		For Steel Construction, Deduct	*-18.95*	
		For Surface Mount, Deduct	*-15.16*	
		For Diffuser Without Damper, Deduct	*-25.27*	
		For Stainless Steel, Add	*284.24*	
23 37 13 13-0009	EA	18" x 18" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	241.57	27.14
		For Steel Construction, Deduct	*-20.37*	
		For Surface Mount, Deduct	*-16.30*	
		For Diffuser Without Damper, Deduct	*-27.17*	
		For Stainless Steel, Add	*305.62*	
23 37 13 13-0010	EA	20" x 20" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	280.63	28.49
		For Steel Construction, Deduct	*-25.44*	
		For Surface Mount, Deduct	*-20.35*	
		For Diffuser Without Damper, Deduct	*-33.92*	
		For Stainless Steel, Add	*381.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0011	EA	24" x 24" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	317.85	32.57
		For Steel Construction, Deduct	*-28.29*	
		For Surface Mount, Deduct	*-22.63*	
		For Lay-In Mount, Deduct	*-22.63*	
		For Diffuser Without Damper, Deduct	*-37.72*	
		For Stainless Steel, Add	*424.40*	
23 37 13 13-0012		**Ceiling Diffusers With Louver Face** *(23 37 13 13-0001)*		
		Note: 1 To 4 way adjustable pattern, surface mount aluminum construction.		
23 37 13 13-0013	EA	6" x 6" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	142.34	17.64
		For Steel Construction, Deduct	*-10.88*	
		For Flush Mount, Add	*10.88*	
		For Stainless Steel, Add	*163.24*	
23 37 13 13-0014	EA	8" x 8" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	161.85	17.64
		For Steel Construction, Deduct	*-13.81*	
		For Flush Mount, Add	*13.81*	
		For Stainless Steel, Add	*207.14*	
23 37 13 13-0015	EA	9" x 9" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	161.85	17.64
		For Steel Construction, Deduct	*-13.81*	
		For Flush Mount, Add	*13.81*	
		For Stainless Steel, Add	*207.14*	
23 37 13 13-0016	EA	10" x 10" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	194.29	20.35
		For Steel Construction, Deduct	*-16.51*	
		For Flush Mount, Add	*16.51*	
		For Stainless Steel, Add	*247.66*	
23 37 13 13-0017	EA	12" x 12" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	194.29	21.71
		For Steel Construction, Deduct	*-16.51*	
		For Flush Mount, Add	*16.51*	
		For Stainless Steel, Add	*247.66*	
23 37 13 13-0018	EA	24" x 12" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	250.29	27.14
		For Steel Construction, Deduct	*-21.61*	
		For Flush Mount, Add	*21.61*	
		For Stainless Steel, Add	*324.20*	
23 37 13 13-0019	EA	14" x 14" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	223.77	27.14
		For Steel Construction, Deduct	*-17.64*	
		For Flush Mount, Add	*17.64*	
		For Stainless Steel, Add	*264.53*	
23 37 13 13-0020	EA	18" x 18" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	279.39	32.57
		For Steel Construction, Deduct	*-22.63*	
		For Flush Mount, Add	*22.63*	
		For Stainless Steel, Add	*339.39*	
23 37 13 13-0021	EA	21" x 21" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	323.17	36.63
		For Steel Construction, Deduct	*-28.14*	
		For Flush Mount, Add	*28.14*	
		For Stainless Steel, Add	*422.15*	
23 37 13 13-0022	EA	24" x 24" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	353.06	71.78
		For Steel Construction, Deduct	*-31.41*	
		For Flush Mount, Add	*31.41*	
		For Lay-In Mount, Add	*41.88*	
		For Stainless Steel, Add	*471.11*	
23 37 13 13-0023		**Round Ceiling Diffusers With Fixed Pattern** *(23 37 13 13-0001)*		
		Note: Aluminum construction.		
23 37 13 13-0024	EA	6" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	232.17	17.64
		For Steel Construction, Deduct	*-48.71*	
		For Stainless Steel, Add	*365.36*	
23 37 13 13-0025	EA	8" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	240.50	17.64
		For Steel Construction, Deduct	*-51.21*	
		For Stainless Steel, Add	*384.10*	
23 37 13 13-0026	EA	10" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	271.58	21.71
		For Steel Construction, Deduct	*-56.21*	
		For Stainless Steel, Add	*421.56*	
23 37 13 13-0027	EA	12" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	292.40	20.35
		For Steel Construction, Deduct	*-62.45*	
		For Stainless Steel, Add	*468.41*	
23 37 13 13-0028	EA	14" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	418.29	24.43
		For Steel Construction, Deduct	*-96.18*	
		For Stainless Steel, Add	*721.33*	
23 37 13 13-0029	EA	16" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	441.10	25.78
		For Steel Construction, Deduct	*-101.80*	
		For Stainless Steel, Add	*763.49*	
23 37 13 13-0030	EA	18" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	464.26	27.14
		For Steel Construction, Deduct	*-107.42*	
		For Stainless Steel, Add	*805.64*	
23 37 13 13-0031	EA	20" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	536.63	27.14
		For Steel Construction, Deduct	*-127.68*	
		For Stainless Steel, Add	*957.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0032	EA	24" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	640.26	31.21
		For Steel Construction, Deduct	*-155.44*	
		For Stainless Steel, Add	*1,165.79*	
23 37 13 13-0033	EA	28" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	720.70	32.57
		For Steel Construction, Deduct	*-177.65*	
		For Stainless Steel, Add	*1,332.34*	
23 37 13 13-0034	EA	32" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	860.74	36.63
		For Steel Construction, Deduct	*-215.12*	
		For Stainless Steel, Add	*1,613.39*	
23 37 13 13-0035		**Round Ceiling Diffusers With Adjustable Pattern Dropped Style** *(23 37 13 13-0001)*		
		Note: Aluminum construction.		
23 37 13 13-0036	EA	6" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	244.66	17.64
		For Steel Construction, Deduct	*-17.49*	
		For Flush Mount, Deduct	*-8.74*	
		For Stainless Steel, Add	*393.46*	
23 37 13 13-0037	EA	8" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	266.17	17.64
		For Steel Construction, Deduct	*-19.64*	
		For Flush Mount, Deduct	*-9.82*	
		For Stainless Steel, Add	*441.86*	
23 37 13 13-0038	EA	10" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	301.65	21.71
		For Steel Construction, Deduct	*-21.74*	
		For Flush Mount, Deduct	*-10.87*	
		For Stainless Steel, Add	*489.22*	
23 37 13 13-0039	EA	12" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	325.71	21.71
		For Steel Construction, Deduct	*-24.15*	
		For Flush Mount, Deduct	*-12.07*	
		For Stainless Steel, Add	*543.35*	
23 37 13 13-0040	EA	14" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	472.42	24.43
		For Steel Construction, Deduct	*-37.47*	
		For Flush Mount, Deduct	*-18.74*	
		For Stainless Steel, Add	*843.12*	
23 37 13 13-0041	EA	16" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	410.56	25.78
		For Steel Construction, Deduct	*-40.04*	
		For Flush Mount, Deduct	*-20.02*	
		For Stainless Steel, Add	*900.88*	
23 37 13 13-0042	EA	18" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	532.27	27.14
		For Steel Construction, Deduct	*-42.61*	
		For Flush Mount, Deduct	*-21.30*	
		For Stainless Steel, Add	*958.66*	
23 37 13 13-0043	EA	20" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	617.59	28.49
		For Steel Construction, Deduct	*-50.66*	
		For Flush Mount, Deduct	*-25.33*	
		For Stainless Steel, Add	*1,139.78*	
23 37 13 13-0044	EA	24" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	697.63	31.21
		For Steel Construction, Deduct	*-57.55*	
		For Flush Mount, Deduct	*-28.78*	
		For Stainless Steel, Add	*1,294.88*	
23 37 13 13-0045	EA	28" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	845.61	32.57
		For Steel Construction, Deduct	*-71.71*	
		For Flush Mount, Deduct	*-35.85*	
		For Stainless Steel, Add	*1,613.39*	
23 37 13 13-0046	EA	32" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	1,018.49	36.63
		For Steel Construction, Deduct	*-87.48*	
		For Flush Mount, Deduct	*-43.74*	
		For Stainless Steel, Add	*1,968.32*	
23 37 13 13-0047	EA	36" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	1,128.32	76.40
		For Stainless Steel, Add	*2,195.26*	
23 37 13 13-0048		**Linear Type Ceiling Diffusers With 2-Way Air Deflection** *(23 37 13 13-0001)*		
23 37 13 13-0049	LF	4" Linear Type Ceiling Diffuser 40-200 CFM/LF, With 2-Way Air Deflection	186.49	20.35
		For Stainless Steel, Add	*236.41*	
23 37 13 13-0050	LF	6-1/4" Linear Type Ceiling Diffuser, 41 - 206 CFM/LF, With 2-Way Air Deflection	200.78	20.35
		For Stainless Steel, Add	*268.56*	
23 37 13 13-0051	LF	9-1/4" Linear Type Ceiling Diffuser, 62 - 312 CFM/LF, With 2-Way Air Deflection	218.35	20.35
		For Stainless Steel, Add	*308.09*	
23 37 13 13-0052	LF	12-1/4" Linear Type Ceiling Diffuser, 131 - 656 CFM/LF, With 2-Way Air Deflection	235.47	20.35
		For Stainless Steel, Add	*346.61*	
23 37 13 13-0053		**Drum Louver Diffusers, Drop Box** *(23 37 13 13)*		
23 37 13 13-0054		**Drum Louver Diffusers, Four Way Drop Box** *(23 37 13 13-0053)*		
23 37 13 13-0055	EA	20" Square x 11-1/2" Depth, 16" Square Top Opening, 1,000 To 2,000 CFM, Four Way, Galvanized Drum Louver Drop Box	1,305.07	119.14
		Note: Includes 2" thick R-8 insulation and four 12" x 6" aluminum drum louvers and duct cap on bottom.		
23 37 13 13-0056	EA	26" Square x 11-1/2" Depth, 20" Square Top Opening, 1,800 To 3,300 CFM, Four Way, Galvanized Drum Louver Drop Box	1,418.05	136.64
		Note: Includes 2" thick R-8 insulation and four 18" x 6" aluminum drum louvers and duct cap on bottom.		
23 37 13 13-0057	EA	32" Square x 11-1/2" Depth, 26" Square Top Opening, 2,400 To 4,400 CFM, Four Way, Galvanized Drum Louver Drop Box	1,623.11	166.09
		Note: Includes 2" thick R-8 insulation and four 24" x 6" aluminum drum louvers and duct cap on bottom.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0058	EA	30" Square x 15" Depth, 22" Square Top Opening, 3,400 To 6,000 CFM, Four Way, Galvanized Drum Louver Drop Box	1,717.74	185.90
		Note: Includes 2" thick R-8 insulation and four 20" x 10" aluminum drum louvers and duct cap on bottom.		
23 37 13 13-0059	EA	35" Square x 15" Depth, 27" Square Top Opening, 4,000 To 7,600 CFM, Four Way, Galvanized Drum Louver Drop Box	1,831.83	201.91
		Note: Includes 2" thick R-8 insulation and four 25" x 10" aluminum drum louvers and duct cap on bottom.		
23 37 13 13-0060	EA	40" Square x 15" Depth, 32" Square Top Opening, 5,000 To 9,000 CFM, Four Way, Galvanized Drum Louver Drop Box	2,198.67	226.47
		Note: Includes 2" thick R-8 insulation and four 30" x 10" aluminum drum louvers and duct cap on bottom.		
23 37 13 13-0061	EA	40" Square x 17" Depth, 32" Square Top Opening, 6,000 To 11,000 CFM, Four Way, Galvanized Drum Louver Drop Box	2,487.68	251.17
		Note: Includes 2" thick R-8 insulation and four 30" x 12" aluminum drum louvers and duct cap on bottom.		
23 37 13 13-0062	EA	47" Square x 17" Depth, 37" Square Top Opening, 7,000 To 13,000 CFM, Four Way, Galvanized Drum Louver Drop Box	2,923.40	304.23
		Note: Includes 2" thick R-8 insulation and four 35" x 12" aluminum drum louvers and duct cap on bottom.		
23 37 13 13-0063	EA	47" Square x 20" Depth, 37" Square Top Opening, 8,700 To 16,000 CFM, Four Way, Galvanized Drum Louver Drop Box	3,052.26	305.31
		Note: Includes 2" thick R-8 insulation and four 35" x 15" aluminum drum louvers and duct cap on bottom.		
23 37 13 13-0064	EA	52" Square x 20" Depth, 42" Square Top Opening, 10,000 To 18,000 CFM, Four Way, Galvanized Drum Louver Drop Box	3,510.45	334.35
		Note: Includes 2" thick R-8 insulation and four 40" x 15" aluminum drum louvers and duct cap on bottom.		
23 37 13 13-0065	EA	62" Square x 20" Depth, 50" Square Top Opening, 12,500 To 23,000 CFM, Four Way, Galvanized Drum Louver Drop Box	4,395.93	370.98
		Note: Includes 2" thick R-8 insulation and four 50" x 15" aluminum drum louvers and duct cap on bottom.		
23 37 13 13-0066		**Drum Louver Diffusers, Six Way Drop Box** *(23 37 13 13-0053)*		
23 37 13 13-0067	EA	41.25" x 35.72" x 11-1/2" Depth, 20" Square Top Opening, 1,000 To 2,000 CFM, Six Way, Galvanized Drum Louver Drop Box	2,069.46	151.29
		Note: Includes 2" thick R-8 insulation and six 9" x 6" aluminum drum louvers and duct cap on bottom.		
23 37 13 13-0068	EA	41.25" x 35.72" x 11-1/2" Depth, 20" Square Top Opening, 1,800 To 3,300 CFM, Six Way, Galvanized Drum Louver Drop Box	2,206.20	178.84
		Note: Includes 2" thick R-8 insulation and six 12" x 6" aluminum drum louvers and duct cap on bottom.		
23 37 13 13-0069	EA	53.25" x 46.12" x 11" Depth, 24" Square Top Opening, 2,700 To 5,000 CFM, Six Way, Galvanized Drum Louver Drop Box	2,465.74	204.90
		Note: Includes 2" thick R-8 insulation and six 18" x 6" aluminum drum louvers and duct cap on bottom.		
23 37 13 13-0070	EA	57.25" x 49.58" x 15" Depth, 28" Square Top Opening, 5,000 To 9,000 CFM, Six Way, Galvanized Drum Louver Drop Box	3,096.39	278.85
		Note: Includes 2" thick R-8 insulation and six 20" x 10" aluminum drum louvers and duct cap on bottom.		
23 37 13 13-0071	EA	67.25" x 58.25" x 15" Depth, 33" Square Top Opening, 6,200 To 11,400 CFM, Six Way, Galvanized Drum Louver Drop Box	3,562.59	302.73
		Note: Includes 2" thick R-8 insulation and six 25" x 10" aluminum drum louvers and duct cap on bottom.		
23 37 13 13-0072	EA	77.25" x 66.90" x 15" Depth, 38" Square Top Opening, 7,500 To 13,500 CFM, Six Way, Galvanized Drum Louver Drop Box	4,425.07	339.77
		Note: Includes 2" thick R-8 insulation and six 30" x 10" aluminum drum louvers and duct cap on bottom.		
23 37 13 13-0073	EA	77.25" x 66.90" x 20" Depth, 38" Square Top Opening, 11,250 To 18,750 CFM, Six Way, Galvanized Drum Louver Drop Box	5,699.11	414.41
		Note: Includes 2" thick R-8 insulation and six 30" x 15" aluminum drum louvers and duct cap on bottom.		
23 37 13 13-0074	EA	87.25" x 75.56" x 20" Depth, 40" Square Top Opening, 13,100 To 24,000 CFM, Six Way, Galvanized Drum Louver Drop Box	6,617.84	457.97
		Note: Includes 2" thick R-8 insulation and six 35" x 15" aluminum drum louvers and duct cap on bottom.		
23 37 13 13-0075		**Wall And Floor Diffusers** *(23 37 13 13)*		
23 37 13 13-0076		**Slot Type Linear Diffusers** *(23 37 13 13-0075)*		
		Note: For sidewall sill or ceiling 1/2" 3/4/" or 1" slot spacing 1-1/8" border.		
23 37 13 13-0077	LF	1 Slot Linear Diffusers 10 - 70 CFM/LF, Sidewall, Sill, Ceiling	63.20	6.78
		For 3/4" Border, Add	*8.68*	
		For Floor Mounted Diffusers, Add	*10.41*	
		For Stainless Steel, Add	*41.64*	
23 37 13 13-0078	LF	2 Slot Linear Diffusers 20 - 140 CFM/LF, Sidewall, Sill, Ceiling	77.45	8.14
		For 3/4" Border, Add	*11.57*	
		For Floor Mounted Diffusers, Add	*13.88*	
		For Stainless Steel, Add	*55.51*	
23 37 13 13-0079	LF	3 Slot Linear Diffusers 30 - 210 CFM/LF, Sidewall, Sill, Ceiling	108.16	9.50
		For 3/4" Border, Add	*18.22*	
		For Floor Mounted Diffusers, Add	*21.86*	
		For Stainless Steel, Add	*87.43*	
23 37 13 13-0080	LF	4 Slot Linear Diffusers 40 - 280 CFM/LF, Sidewall, Sill, Ceiling	143.42	9.50
		For 3/4" Border, Add	*26.02*	
		For Floor Mounted Diffusers, Add	*31.23*	
		For Stainless Steel, Add	*124.91*	
23 37 13 13-0081	LF	5 Slot Linear Diffusers 50 - 350 CFM/LF, Sidewall, Sill, Ceiling	180.13	10.86
		For 3/4" Border, Add	*33.83*	
		For Floor Mounted Diffusers, Add	*40.60*	
		For Stainless Steel, Add	*162.38*	
23 37 13 13-0082	LF	6 Slot Linear Diffusers 60 - 420 CFM/LF, Sidewall, Sill, Ceiling	211.12	13.57
		For 3/4" Border, Add	*39.90*	
		For Floor Mounted Diffusers, Add	*47.88*	
		For Stainless Steel, Add	*191.52*	
23 37 13 13-0083		**Linear Bar Grilles And Registers** *(23 37 13 13-0075)*		
		Note: For sidewall sill or ceiling or 15 degree deflection 1/2" bar spacing 1" border aluminum construction.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0084	LF	2" Wide Linear Bar Grilles/Registers 30 - 70 CFM/LF, Sidewall, Sill, Ceiling	198.89	8.14
		For Floor Mount, Add	*16.77*	
		For Opposed Blade Damper, Add	*33.54*	
		For Stainless Steel, Add	*201.24*	
23 37 13 13-0085	LF	3" Wide Linear Bar Grilles/Registers 55 - 143 CFM/LF, Sidewall, Sill, Ceiling	237.69	9.50
		For Floor Mount, Add	*20.24*	
		For Opposed Blade Damper, Add	*40.48*	
		For Stainless Steel, Add	*242.87*	
23 37 13 13-0086	LF	4" Wide Linear Bar Grilles/Registers 80 - 208 CFM/LF, Sidewall, Sill, Ceiling	259.07	9.50
		For Floor Mount, Add	*21.97*	
		For Opposed Blade Damper, Add	*43.95*	
		For Stainless Steel, Add	*263.69*	
23 37 13 13-0087	LF	6" Wide Linear Bar Grilles/Registers 125 - 325 CFM/LF, Sidewall, Sill, Ceiling	317.52	13.57
		For Floor Mount, Add	*26.60*	
		For Opposed Blade Damper, Add	*53.20*	
		For Stainless Steel, Add	*319.20*	
23 37 13 13-0088	LF	9" Wide Linear Bar Grilles/Registers 225 - 450 CFM/LF, Sidewall, Sill, Ceiling	439.28	17.64
		For Floor Mount, Add	*37.01*	
		For Opposed Blade Damper, Add	*74.02*	
		For Stainless Steel, Add	*444.11*	
23 37 13 13-0089	LF	12" Wide Linear Bar Grilles/Registers 225 - 495 CFM/LF, Sidewall, Sill, Ceiling	506.36	20.35
		For Floor Mount, Add	*42.21*	
		For Opposed Blade Damper, Add	*84.43*	
		For Stainless Steel, Add	*506.57*	

23 37 13 13-0090 Return/Exhaust Registers And Grilles *(23 37 13 13)*

23 37 13 13-0091 Return/Exhaust Registers With Frame *(23 37 13 13-0090)*

Note: Single deflection with opposed blade damper aluminum construction wall or ceiling mount.

23 37 13 13-0092	EA	8" x 4" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	135.21	10.86
		For Steel Construction, Deduct	*-18.62*	
		For Grilles (No Damper), Deduct	*-37.24*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*9.31*	
		For Cube Core Lay In, Add	*18.62*	
		For Stainless Steel, Add	*209.48*	
23 37 13 13-0093	EA	8" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	155.45	10.86
		For Steel Construction, Deduct	*-22.67*	
		For Grilles (No Damper), Deduct	*-45.34*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*11.33*	
		For Cube Core Lay In, Add	*22.67*	
		For Stainless Steel, Add	*255.02*	
23 37 13 13-0094	EA	10" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	174.33	12.21
		For Steel Construction, Deduct	*-25.10*	
		For Grilles (No Damper), Deduct	*-50.19*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*12.55*	
		For Cube Core Lay In, Add	*25.10*	
		For Stainless Steel, Add	*282.33*	
23 37 13 13-0095	EA	10" x 10" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	182.29	13.57
		For Steel Construction, Deduct	*-25.10*	
		For Grilles (No Damper), Deduct	*-50.19*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*12.55*	
		For Cube Core Lay In, Add	*25.10*	
		For Stainless Steel, Add	*282.33*	
23 37 13 13-0096	EA	12" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	174.20	13.57
		For Steel Construction, Deduct	*-23.48*	
		For Grilles (No Damper), Deduct	*-46.96*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*11.74*	
		For Cube Core Lay In, Add	*23.48*	
		For Stainless Steel, Add	*264.13*	
23 37 13 13-0097	EA	12" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	223.61	17.64
		For Steel Construction, Deduct	*-30.76*	
		For Grilles (No Damper), Deduct	*-61.53*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*15.38*	
		For Cube Core Lay In, Add	*30.76*	
		For Stainless Steel, Add	*346.10*	
23 37 13 13-0098	EA	16" x 16" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	267.88	20.35
		For Steel Construction, Deduct	*-36.73*	
		For Grilles (No Damper), Deduct	*-73.46*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*18.37*	
		For Cube Core Lay In, Add	*36.73*	
		For Stainless Steel, Add	*413.24*	
23 37 13 13-0099	EA	18" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	328.42	24.43
		For Steel Construction, Deduct	*-46.14*	
		For Grilles (No Damper), Deduct	*-92.29*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*23.07*	
		For Cube Core Lay In, Add	*46.14*	
		For Stainless Steel, Add	*519.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0100	EA	20" x 20" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	385.60	27.14
		For Steel Construction, Deduct	*-55.88*	
		For Grilles (No Damper), Deduct	*-111.76*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*27.94*	
		For Cube Core Lay In, Add	*55.88*	
		For Stainless Steel, Add	*628.65*	
23 37 13 13-0101	EA	24" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	344.72	27.14
		For Steel Construction, Deduct	*-46.74*	
		For Grilles (No Damper), Deduct	*-93.48*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*23.37*	
		For Cube Core Lay In, Add	*46.74*	
		For Stainless Steel, Add	*525.83*	
23 37 13 13-0102	EA	24" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	394.36	27.14
		For Steel Construction, Deduct	*-56.67*	
		For Grilles (No Damper), Deduct	*-113.34*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*28.33*	
		For Cube Core Lay In, Add	*56.67*	
		For Stainless Steel, Add	*637.52*	
23 37 13 13-0103	EA	24" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	415.81	31.21
		For Steel Construction, Deduct	*-58.74*	
		For Grilles (No Damper), Deduct	*-117.47*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*29.37*	
		For Cube Core Lay In, Add	*58.74*	
		For Stainless Steel, Add	*660.78*	
23 37 13 13-0104	EA	30" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	440.66	32.57
		For Steel Construction, Deduct	*-62.42*	
		For Grilles (No Damper), Deduct	*-124.84*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*31.21*	
		For Cube Core Lay In, Add	*62.42*	
		For Stainless Steel, Add	*702.25*	
23 37 13 13-0105	EA	30" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	507.97	36.63
		For Steel Construction, Deduct	*-72.86*	
		For Grilles (No Damper), Deduct	*-145.72*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*36.43*	
		For Cube Core Lay In, Add	*72.86*	
		For Stainless Steel, Add	*819.65*	
23 37 13 13-0106	EA	30" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	568.71	43.43
		For Steel Construction, Deduct	*-78.85*	
		For Grilles (No Damper), Deduct	*-157.70*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*39.42*	
		For Cube Core Lay In, Add	*78.85*	
		For Stainless Steel, Add	*887.04*	
23 37 13 13-0107	EA	30" x 30" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	740.11	43.43
		For Steel Construction, Deduct	*-113.13*	
		For Grilles (No Damper), Deduct	*-226.26*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*56.56*	
		For Cube Core Lay In, Add	*113.13*	
		For Stainless Steel, Add	*1,272.69*	
23 37 13 13-0108	EA	36" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	613.78	47.49
		For Steel Construction, Deduct	*-85.18*	
		For Grilles (No Damper), Deduct	*-170.36*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*42.59*	
		For Cube Core Lay In, Add	*85.18*	
		For Stainless Steel, Add	*958.25*	
23 37 13 13-0109	EA	36" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	597.50	46.13
		For Steel Construction, Deduct	*-81.92*	
		For Grilles (No Damper), Deduct	*-163.84*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*40.96*	
		For Cube Core Lay In, Add	*81.92*	
		For Stainless Steel, Add	*921.62*	
23 37 13 13-0110	EA	36" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	680.57	51.56
		For Steel Construction, Deduct	*-95.41*	
		For Grilles (No Damper), Deduct	*-190.81*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*47.70*	
		For Cube Core Lay In, Add	*95.41*	
		For Stainless Steel, Add	*1,073.32*	
23 37 13 13-0111	EA	36" x 36" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	924.11	55.63
		For Steel Construction, Deduct	*-140.41*	
		For Grilles (No Damper), Deduct	*-280.82*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*70.21*	
		For Cube Core Lay In, Add	*140.41*	
		For Stainless Steel, Add	*1,579.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0112	EA	24" x 20" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	409.28	31.34
		For Steel Construction, Deduct	*-56.81*	
		For Grilles (No Damper), Deduct	*-113.62*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*28.41*	
		For Cube Core Lay In, Add	*56.81*	
		For Stainless Steel, Add	*639.11*	
23 37 13 13-0113	EA	32" x 40" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	706.77	46.97
		For Steel Construction, Deduct	*-103.78*	
		For Grilles (No Damper), Deduct	*-207.55*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*51.89*	
		For Cube Core Lay In, Add	*103.78*	
		For Stainless Steel, Add	*1,167.48*	
23 37 13 13-0114	EA	48" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	818.26	55.63
		For Steel Construction, Deduct	*-119.08*	
		For Grilles (No Damper), Deduct	*-238.16*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*59.54*	
		For Cube Core Lay In, Add	*119.08*	
		For Stainless Steel, Add	*1,339.67*	
23 37 13 13-0115		**Return/Exhaust Registers Removable-Reversible** *(23 37 13 13-0090)*		
		Note: Double deflection core and opposed blade damper radiused frame with boarder aluminum construction.		
23 37 13 13-0116	EA	8" x 4" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	124.69	10.86
		For Steel Construction, Deduct	*-8.26*	
		For Flat Frame, Deduct	*-0.83*	
		For Grilles (No Damper), Deduct	*-16.52*	
		For Stainless Steel, Add	*185.81*	
23 37 13 13-0117	EA	8" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	124.69	10.86
		For Steel Construction, Deduct	*-8.26*	
		For Flat Frame, Deduct	*-0.83*	
		For Grilles (No Damper), Deduct	*-16.52*	
		For Stainless Steel, Add	*185.81*	
23 37 13 13-0118	EA	10" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	153.29	12.21
		For Steel Construction, Deduct	*-10.44*	
		For Flat Frame, Deduct	*-1.04*	
		For Grilles (No Damper), Deduct	*-20.89*	
		For Stainless Steel, Add	*234.99*	
23 37 13 13-0119	EA	10" x 10" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	175.82	14.93
		For Steel Construction, Deduct	*-11.90*	
		For Flat Frame, Deduct	*-1.19*	
		For Grilles (No Damper), Deduct	*-23.80*	
		For Stainless Steel, Add	*267.77*	
23 37 13 13-0120	EA	12" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	173.39	13.57
		For Steel Construction, Deduct	*-11.66*	
		For Flat Frame, Deduct	*-1.17*	
		For Grilles (No Damper), Deduct	*-23.32*	
		For Stainless Steel, Add	*262.31*	
23 37 13 13-0121	EA	12" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	225.23	17.64
		For Steel Construction, Deduct	*-15.54*	
		For Flat Frame, Deduct	*-1.55*	
		For Grilles (No Damper), Deduct	*-31.09*	
		For Stainless Steel, Add	*349.74*	
23 37 13 13-0122	EA	16" x 16" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	365.14	21.71
		For Steel Construction, Deduct	*-28.09*	
		For Flat Frame, Deduct	*-2.81*	
		For Grilles (No Damper), Deduct	*-56.18*	
		For Stainless Steel, Add	*632.07*	
23 37 13 13-0123	EA	18" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	440.15	24.43
		For Steel Construction, Deduct	*-34.25*	
		For Flat Frame, Deduct	*-3.42*	
		For Grilles (No Damper), Deduct	*-68.49*	
		For Stainless Steel, Add	*770.51*	
23 37 13 13-0124	EA	20" x 20" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	497.23	27.14
		For Steel Construction, Deduct	*-39.10*	
		For Flat Frame, Deduct	*-3.91*	
		For Grilles (No Damper), Deduct	*-78.21*	
		For Stainless Steel, Add	*879.82*	
23 37 13 13-0125	EA	24" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	412.18	27.14
		For Steel Construction, Deduct	*-30.12*	
		For Flat Frame, Deduct	*-3.01*	
		For Grilles (No Damper), Deduct	*-60.23*	
		For Stainless Steel, Add	*677.61*	
23 37 13 13-0126	EA	24" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	557.91	28.49
		For Steel Construction, Deduct	*-44.69*	
		For Flat Frame, Deduct	*-4.47*	
		For Grilles (No Damper), Deduct	*-89.38*	
		For Stainless Steel, Add	*1,005.50*	
23 37 13 13-0127	EA	24" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	651.59	31.21
		For Steel Construction, Deduct	*-52.95*	
		For Flat Frame, Deduct	*-5.29*	
		For Grilles (No Damper), Deduct	*-105.89*	
		For Stainless Steel, Add	*1,191.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0128	EA	30" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	497.72	32.57
		For Steel Construction, Deduct	*-36.92*	
		For Flat Frame, Deduct	*-3.69*	
		For Grilles (No Damper), Deduct	*-73.83*	
		For Stainless Steel, Add	*830.63*	
23 37 13 13-0129	EA	30" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	687.72	36.63
		For Steel Construction, Deduct	*-54.40*	
		For Flat Frame, Deduct	*-5.44*	
		For Grilles (No Damper), Deduct	*-108.81*	
		For Stainless Steel, Add	*1,224.09*	
23 37 13 13-0130	EA	30" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	827.80	43.43
		For Steel Construction, Deduct	*-65.33*	
		For Flat Frame, Deduct	*-6.53*	
		For Grilles (No Damper), Deduct	*-130.67*	
		For Stainless Steel, Add	*1,469.99*	
23 37 13 13-0131	EA	30" x 30" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	950.45	43.43
		For Steel Construction, Deduct	*-77.60*	
		For Flat Frame, Deduct	*-7.76*	
		For Grilles (No Damper), Deduct	*-155.20*	
		For Stainless Steel, Add	*1,745.96*	
23 37 13 13-0132	EA	36" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	642.06	46.13
		For Steel Construction, Deduct	*-45.42*	
		For Flat Frame, Deduct	*-4.54*	
		For Grilles (No Damper), Deduct	*-90.83*	
		For Stainless Steel, Add	*1,021.88*	
23 37 13 13-0133	EA	36" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	875.22	46.13
		For Steel Construction, Deduct	*-68.73*	
		For Flat Frame, Deduct	*-6.87*	
		For Grilles (No Damper), Deduct	*-137.47*	
		For Stainless Steel, Add	*1,546.49*	
23 37 13 13-0134	EA	36" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	1,014.74	51.56
		For Steel Construction, Deduct	*-81.12*	
		For Flat Frame, Deduct	*-8.11*	
		For Grilles (No Damper), Deduct	*-162.24*	
		For Stainless Steel, Add	*1,825.20*	
23 37 13 13-0135	EA	36" x 30" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	1,187.47	55.63
		For Steel Construction, Deduct	*-96.54*	
		For Flat Frame, Deduct	*-9.65*	
		For Grilles (No Damper), Deduct	*-193.08*	
		For Stainless Steel, Add	*2,172.20*	
23 37 13 13-0136	EA	36" x 36" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	1,255.48	55.63
		For Steel Construction, Deduct	*-103.34*	
		For Flat Frame, Deduct	*-10.33*	
		For Grilles (No Damper), Deduct	*-206.69*	
		For Stainless Steel, Add	*2,325.22*	

23 37 13 13-0137 Aluminum Eggcrate Ceiling Return Air And Exhaust Grilles *(23 37 13 13-0090)*

23 37 13 13-0138	EA	6" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	64.59	13.27
23 37 13 13-0139	EA	8" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	64.59	13.27
23 37 13 13-0140	EA	8" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	70.16	13.27
23 37 13 13-0141	EA	8" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	72.39	13.27
23 37 13 13-0142	EA	10" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	70.16	13.27
23 37 13 13-0143	EA	10" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	72.39	13.27
23 37 13 13-0144	EA	10" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	87.14	17.40
23 37 13 13-0145	EA	10" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	89.37	17.40
23 37 13 13-0146	EA	12" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	84.91	17.40
23 37 13 13-0147	EA	12" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	89.37	17.40
23 37 13 13-0148	EA	12" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	91.60	17.40
23 37 13 13-0149	EA	12" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	93.83	17.40
23 37 13 13-0150	EA	14" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	90.49	17.40
23 37 13 13-0151	EA	14" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	94.95	17.40
23 37 13 13-0152	EA	14" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	97.18	17.40
23 37 13 13-0153	EA	14" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	107.21	17.40
23 37 13 13-0154	EA	16" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	94.95	17.40
23 37 13 13-0155	EA	16" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	102.75	17.40
23 37 13 13-0156	EA	16" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	107.21	17.40
23 37 13 13-0157	EA	16" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	137.81	25.66
23 37 13 13-0158	EA	16" x 16" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	140.04	25.66
23 37 13 13-0159	EA	18" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	135.58	25.66
23 37 13 13-0160	EA	18" x 18" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	165.94	29.79
23 37 13 13-0161	EA	20" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	133.35	25.66
23 37 13 13-0162	EA	20" x 20" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	177.09	29.79
23 37 13 13-0163	EA	22" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	92.72	17.40
23 37 13 13-0164	EA	22" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	135.58	25.66
23 37 13 13-0165	EA	22" x 22" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	198.52	33.92
23 37 13 13-0166	EA	24" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	133.35	25.66
23 37 13 13-0167	EA	24" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	137.81	25.66
23 37 13 13-0168	EA	24" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	159.25	29.79
		For Lay-In Installation, Deduct	*-62.92*	
23 37 13 13-0169	EA	24" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	165.94	29.79
23 37 13 13-0170	EA	24" x 16" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	185.14	33.92
23 37 13 13-0171	EA	24" x 18" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	191.83	33.92
23 37 13 13-0172	EA	24" x 20" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	199.64	33.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0173	EA	24" x 24" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	214.13	33.92
		For Lay-In Installation, Deduct	*-72.04*	
23 37 13 13-0174	EA	30" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	162.60	29.79
23 37 13 13-0175	EA	48" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	263.16	37.18
23 37 13 13-0176	EA	48" x 24" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	449.86	45.44
		For Lay-In Installation, Deduct	*-103.69*	

23 37 13 13-0177 Supply Registers and Grilles *(23 37 13 13)*

23 37 13 13-0178 Adjustable Curved Blade Register *(23 37 13 13-0177)*

Note: Ceiling mount aluminum construction four way pattern flush frame.

23 37 13 13-0179	EA	6" x 6" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	112.82	10.86
		For Steel Construction, Deduct	*-10.62*	
		For Lay In Frame, Deduct	*-17.70*	
		For Three Way Pattern, Deduct	*-7.08*	
		For Two Way Pattern, Deduct	*-5.66*	
		For One Way Pattern, Deduct	*-5.66*	
		For Grille (No Damper), Deduct	*-10.62*	
		For Stainless Steel, Add	*159.26*	
23 37 13 13-0180	EA	8" x 8" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	116.98	10.86
		For Steel Construction, Deduct	*-11.24*	
		For Lay In Frame, Deduct	*-18.74*	
		For Three Way Pattern, Deduct	*-7.49*	
		For Two Way Pattern, Deduct	*-6.00*	
		For One Way Pattern, Deduct	*-6.00*	
		For Grille (No Damper), Deduct	*-11.24*	
		For Stainless Steel, Add	*168.62*	
23 37 13 13-0181	EA	12" x 6" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	127.72	14.93
		For Steel Construction, Deduct	*-10.62*	
		For Lay In Frame, Deduct	*-17.70*	
		For Three Way Pattern, Deduct	*-7.08*	
		For Two Way Pattern, Deduct	*-5.66*	
		For One Way Pattern, Deduct	*-5.66*	
		For Grille (No Damper), Deduct	*-10.62*	
		For Stainless Steel, Add	*159.26*	
23 37 13 13-0182	EA	10" x 10" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	142.99	13.57
		For Steel Construction, Deduct	*-12.91*	
		For Lay In Frame, Deduct	*-21.51*	
		For Three Way Pattern, Deduct	*-8.61*	
		For Two Way Pattern, Deduct	*-6.88*	
		For One Way Pattern, Deduct	*-6.88*	
		For Grille (No Damper), Deduct	*-12.91*	
		For Stainless Steel, Add	*193.61*	
23 37 13 13-0183	EA	12" x 12" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	171.89	17.64
		For Steel Construction, Deduct	*-15.41*	
		For Lay In Frame, Deduct	*-25.68*	
		For Three Way Pattern, Deduct	*-10.27*	
		For Two Way Pattern, Deduct	*-8.22*	
		For One Way Pattern, Deduct	*-8.22*	
		For Grille (No Damper), Deduct	*-15.41*	
		For Stainless Steel, Add	*231.08*	
23 37 13 13-0184	EA	14" x 14" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	211.90	20.35
		For Steel Construction, Deduct	*-19.15*	
		For Lay In Frame, Deduct	*-31.92*	
		For Three Way Pattern, Deduct	*-12.77*	
		For Two Way Pattern, Deduct	*-10.21*	
		For One Way Pattern, Deduct	*-10.21*	
		For Grille (No Damper), Deduct	*-19.15*	
		For Stainless Steel, Add	*287.28*	
23 37 13 13-0185	EA	16" x 16" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	211.90	20.35
		For Steel Construction, Deduct	*-19.15*	
		For Lay In Frame, Deduct	*-31.92*	
		For Three Way Pattern, Deduct	*-12.77*	
		For Two Way Pattern, Deduct	*-10.21*	
		For One Way Pattern, Deduct	*-10.21*	
		For Grille (No Damper), Deduct	*-19.15*	
		For Stainless Steel, Add	*287.28*	
23 37 13 13-0186	EA	18" x 18" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	261.18	27.14
		For Steel Construction, Deduct	*-23.32*	
		For Lay In Frame, Deduct	*-38.86*	
		For Three Way Pattern, Deduct	*-15.54*	
		For Two Way Pattern, Deduct	*-12.44*	
		For One Way Pattern, Deduct	*-12.44*	
		For Grille (No Damper), Deduct	*-23.32*	
		For Stainless Steel, Add	*349.74*	
23 37 13 13-0187	EA	24" x 24" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	345.57	28.49
		For Steel Construction, Deduct	*-35.18*	
		For Lay In Frame, Deduct	*-58.64*	
		For Three Way Pattern, Deduct	*-23.46*	
		For Two Way Pattern, Deduct	*-18.76*	
		For One Way Pattern, Deduct	*-18.76*	
		For Grille (No Damper), Deduct	*-35.18*	
		For Stainless Steel, Add	*527.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0188	EA	30" x 30" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	565.44	57.53
		For Steel Construction, Deduct	*-67.55*	
		For Lay In Frame, Deduct	*-112.59*	
		For Three Way Pattern, Deduct	*-45.04*	
		For Two Way Pattern, Deduct	*-36.03*	
		For One Way Pattern, Deduct	*-36.03*	
		For Grille (No Damper), Deduct	*-67.55*	
		For Stainless Steel, Add	*1,013.31*	
23 37 13 13-0189		**Removable-Reversible Core Registers** *(23 37 13 13-0177)*		
		Note: Double deflection radiused frame aluminum construction.		
23 37 13 13-0190	EA	6" x 6" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	130.86	10.86
		For Steel Construction, Deduct	*-8.88*	
		For Flat Frame, Deduct	*-8.88*	
		For Grille (No Damper), Deduct	*-26.65*	
		For Stainless Steel, Add	*199.85*	
23 37 13 13-0191	EA	8" x 8" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	166.95	10.86
		For Steel Construction, Deduct	*-12.49*	
		For Flat Frame, Deduct	*-12.49*	
		For Grille (No Damper), Deduct	*-37.47*	
		For Stainless Steel, Add	*281.05*	
23 37 13 13-0192	EA	12" x 6" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	212.38	14.93
		For Steel Construction, Deduct	*-15.54*	
		For Flat Frame, Deduct	*-15.54*	
		For Grille (No Damper), Deduct	*-46.63*	
		For Stainless Steel, Add	*349.74*	
23 37 13 13-0193	EA	10" x 10" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	215.15	14.93
		For Steel Construction, Deduct	*-15.82*	
		For Flat Frame, Deduct	*-15.82*	
		For Grille (No Damper), Deduct	*-47.46*	
		For Stainless Steel, Add	*355.97*	
23 37 13 13-0194	EA	12" x 12" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	274.59	17.64
		For Steel Construction, Deduct	*-20.54*	
		For Flat Frame, Deduct	*-20.54*	
		For Grille (No Damper), Deduct	*-61.62*	
		For Stainless Steel, Add	*462.15*	
23 37 13 13-0195	EA	14" x 14" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	392.32	21.71
		For Steel Construction, Deduct	*-30.81*	
		For Flat Frame, Deduct	*-30.81*	
		For Grille (No Damper), Deduct	*-92.43*	
		For Stainless Steel, Add	*693.23*	
23 37 13 13-0196	EA	16" x 16" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	442.28	20.35
		For Steel Construction, Deduct	*-35.81*	
		For Flat Frame, Deduct	*-35.81*	
		For Grille (No Damper), Deduct	*-107.42*	
		For Stainless Steel, Add	*805.64*	
23 37 13 13-0197	EA	18" x 18" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	533.20	27.14
		For Steel Construction, Deduct	*-42.75*	
		For Flat Frame, Deduct	*-42.75*	
		For Grille (No Damper), Deduct	*-128.24*	
		For Stainless Steel, Add	*961.79*	
23 37 13 13-0198	EA	24" x 24" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	674.49	27.14
		For Steel Construction, Deduct	*-56.35*	
		For Flat Frame, Deduct	*-56.35*	
		For Grille (No Damper), Deduct	*-169.04*	
		For Stainless Steel, Add	*1,267.81*	
23 37 13 13-0199		**Adjustable Shutter Blade Registers** *(23 37 13 13-0177)*		
		Note: Double deflection flat frame aluminum construction.		
23 37 13 13-0200	EA	6" x 6" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	203.96	10.86
		For Steel Construction, Deduct	*-16.19*	
		For Single Deflection, Deduct	*-32.38*	
		For Grille (No Damper), Deduct	*-24.29*	
		For Stainless Steel, Add	*364.32*	
23 37 13 13-0201	EA	8" x 8" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	236.34	10.86
		For Steel Construction, Deduct	*-19.43*	
		For Single Deflection, Deduct	*-38.86*	
		For Grille (No Damper), Deduct	*-29.15*	
		For Stainless Steel, Add	*437.18*	
23 37 13 13-0202	EA	12" x 6" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	251.24	14.93
		For Steel Construction, Deduct	*-19.43*	
		For Single Deflection, Deduct	*-38.86*	
		For Grille (No Damper), Deduct	*-29.15*	
		For Stainless Steel, Add	*437.18*	
23 37 13 13-0203	EA	10" x 10" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	260.49	13.57
		For Steel Construction, Deduct	*-20.36*	
		For Single Deflection, Deduct	*-40.71*	
		For Grille (No Damper), Deduct	*-30.53*	
		For Stainless Steel, Add	*457.99*	
23 37 13 13-0204	EA	12" x 12" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	319.00	17.64
		For Steel Construction, Deduct	*-24.98*	
		For Single Deflection, Deduct	*-49.96*	
		For Grille (No Damper), Deduct	*-37.47*	
		For Stainless Steel, Add	*562.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0205	EA	14" x 14" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	426.56	20.35
		For Steel Construction, Deduct	*-34.23*	
		For Single Deflection, Deduct	*-68.47*	
		For Grille (No Damper), Deduct	*-51.35*	
		For Stainless Steel, Add	*770.27*	
23 37 13 13-0206	EA	16" x 16" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	505.20	21.71
		For Steel Construction, Deduct	*-42.10*	
		For Single Deflection, Deduct	*-84.20*	
		For Grille (No Damper), Deduct	*-63.15*	
		For Stainless Steel, Add	*947.21*	
23 37 13 13-0207	EA	18" x 18" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	623.87	27.14
		For Steel Construction, Deduct	*-51.81*	
		For Single Deflection, Deduct	*-103.63*	
		For Grille (No Damper), Deduct	*-77.72*	
		For Stainless Steel, Add	*1,165.79*	
23 37 13 13-0208	EA	24" x 24" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	865.09	28.49
		For Steel Construction, Deduct	*-75.41*	
		For Single Deflection, Deduct	*-150.81*	
		For Grille (No Damper), Deduct	*-113.11*	
		For Stainless Steel, Add	*1,696.66*	

23 37 13 13-0209 Air Conditioning And Ventilation *(23 37 13 13-0177)*

23 37 13 13-0210	EA	10" x 16" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	114.73	28.49
		For Stainless Steel, Add	*130.03*	
23 37 13 13-0211	EA	18" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	200.39	42.41
		For Stainless Steel, Add	*260.06*	
23 37 13 13-0212	EA	30" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	311.37	59.36
		For Stainless Steel, Add	*433.44*	
23 37 13 13-0213	EA	48" x 24" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	798.53	81.42
		For Stainless Steel, Add	*1,430.33*	

23 37 13 13-0214 Square Wall Return Air And Exhaust Grilles *(23 37 13 13-0177)*

Note: Egg crate design aluminum construction.

23 37 13 13-0215	EA	8" x 8" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	102.70	33.98
23 37 13 13-0216	EA	12" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	113.39	33.98
23 37 13 13-0217	EA	18" x 18" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	168.73	50.97
23 37 13 13-0218	EA	24" x 24" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	222.16	50.97
23 37 13 13-0219	EA	28" x 28" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	376.37	67.97
23 37 13 13-0220	EA	36" x 36" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	699.16	67.84

23 37 13 13-0221 Rectangular Four-Way Adjustable Deflection Wall Supply Grilles *(23 37 13 13-0177)*

Note: Aluminum construction.

23 37 13 13-0222	EA	12" x 6" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	290.02	24.46
23 37 13 13-0223	EA	14" x 6" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	331.65	24.46
23 37 13 13-0224	EA	18" x 8" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	400.19	27.19
23 37 13 13-0225	EA	24" x 8" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	474.17	27.19
23 37 13 13-0226	EA	36" x 20" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	607.71	84.96

23 37 13 13-0227 Square Ceiling Return Air And Exhaust Grilles *(23 37 13 13-0177)*

Note: Egg crate design, plastic construction.

23 37 13 13-0228	EA	24" x 24" Egg Crate Ceiling Return Air Or Exhaust Grille, Plastic Construction	55.38	16.27
23 37 13 13-0229	EA	24" x 48" Egg Crate Ceiling Return Air Or Exhaust Grille, Plastic Construction	80.25	16.40

23 37 13 13-0230 Door Grilles Sight Proof Inverted Vee Cross Section *(23 37 13 13-0177)*

Note: Painted steel louvers and frame.

23 37 13 13-0231	EA	12" x 6" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	161.85	24.46
23 37 13 13-0232	EA	12" x 12" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	202.12	24.46
23 37 13 13-0233	EA	18" x 18" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	253.01	25.83
23 37 13 13-0234	EA	24" x 24" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	350.16	30.86
23 37 13 13-0235	EA	24" x 30" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	388.46	56.68

23 37 13 13-0236 Stainless Steel Devices *(23 37 13 13-0177)*

23 37 13 13-0237 304 Stainless Steel, Louvered Partition/Door Grilles *(23 37 13 13-0236)*

23 37 13 13-0238	SF	Up To 4 SF, 304 Stainless Steel, Louvered Partition/Door Grille	244.02	21.20
		For 316 Stainless Steel, Add	*41.74*	
23 37 13 13-0239	SF	>4 SF, 304 Stainless Steel, Louvered Partition/Door Grille	205.94	21.20
		For 316 Stainless Steel, Add	*34.12*	

23 37 13 13-0240 304 Stainless Steel, Single Deflection Supply Grilles *(23 37 13 13-0236)*

23 37 13 13-0241	SF	Up To 4 SF, 304 Stainless Steel, Single Deflection Supply Grille	184.84	21.20
		For 316 Stainless Steel, Add	*29.90*	
23 37 13 13-0242	SF	>4 SF, 304 Stainless Steel, Single Deflection Supply Grille	157.15	21.20
		For 316 Stainless Steel, Add	*24.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0243		**304 Stainless Steel, Double Deflection Supply Grilles** *(23 37 13 13-0236)*		
23 37 13 13-0244	SF	Up To 4 SF, 304 Stainless Steel, Double Deflection Supply Grille	270.49	21.20
		For 316 Stainless Steel, Add	*47.03*	
23 37 13 13-0245	SF	>4 SF, 304 Stainless Steel, Double Deflection Supply Grille	230.52	21.20
		For 316 Stainless Steel, Add	*39.04*	
23 37 13 13-0246		**304 Stainless Steel Return Grilles** *(23 37 13 13-0236)*		
23 37 13 13-0247	SF	Up To 4 SF, 304 Stainless Steel Return Grille	184.84	21.20
		For 316 Stainless Steel, Add	*29.90*	
23 37 13 13-0248	SF	>4 SF, 304 Stainless Steel Return Grille	157.15	21.20
		For 316 Stainless Steel, Add	*24.36*	
23 37 13 13-0249		**304 Stainless Steel, Louvered Supply/Return Grilles** *(23 37 13 13-0236)*		
23 37 13 13-0250	SF	Up To 4 SF, 304 Stainless Steel, Louvered Supply/Return Grille	184.84	21.20
		For 316 Stainless Steel, Add	*29.90*	
23 37 13 13-0251	SF	>4 SF, 304 Stainless Steel, Louvered Supply/Return Grille	157.15	21.20
		For 316 Stainless Steel, Add	*24.36*	
23 37 13 13-0252		**304 Stainless Steel, Perforated Return Grilles** *(23 37 13 13-0236)*		
23 37 13 13-0253	SF	Up To 4 SF, 304 Stainless Steel, Perforated Return Grille	184.84	21.20
		For 316 Stainless Steel, Add	*29.90*	
23 37 13 13-0254	SF	>4 SF, 304 Stainless Steel, Perforated Return Grille	149.54	21.20
		For 316 Stainless Steel, Add	*22.84*	
23 37 13 13-0255		**304 Stainless Steel, Perforated Supply Grilles** *(23 37 13 13-0236)*		
23 37 13 13-0256	SF	Up To 4 SF, 304 Stainless Steel, Perforated Supply Grille	223.77	21.20
		For 316 Stainless Steel, Add	*37.69*	
23 37 13 13-0257	SF	>4 SF, 304 Stainless Steel, Perforated Supply Grille	153.59	21.20
		For 316 Stainless Steel, Add	*23.65*	
23 37 13 13-0258		**304 Stainless Steel, Door Grilles** *(23 37 13 13-0236)*		
23 37 13 13-0259	SF	Up To 4 SF, 304 Stainless Steel, Door Grille	334.34	21.20
		For 316 Stainless Steel, Add	*59.80*	
23 37 13 13-0260	SF	>4 SF, 304 Stainless Steel, Door Grille	278.98	21.20
		For 316 Stainless Steel, Add	*48.73*	
23 37 13 13-0261		**304 Stainless Steel, Linear Bar Grilles** *(23 37 13 13-0236)*		
23 37 13 13-0262	SF	Up To 4 SF, 304 Stainless Steel, Linear Bar Grille	427.26	21.20
		For 316 Stainless Steel, Add	*78.38*	
23 37 13 13-0263	SF	>4 SF, 304 Stainless Steel, Linear Bar Grille	365.83	21.20
		For 316 Stainless Steel, Add	*66.10*	
23 37 13 13-0264		**304 Stainless Steel, Hinged Filter Grilles** *(23 37 13 13-0236)*		
23 37 13 13-0265	SF	Up To 4 SF, 304 Stainless Steel, Hinged Filter Grille	314.10	21.20
		For 316 Stainless Steel, Add	*55.75*	
23 37 13 13-0266	SF	>4 SF, 304 Stainless Steel, Hinged Filter Grille	217.21	21.20
		For 316 Stainless Steel, Add	*36.37*	
23 37 13 13-0267		**304 Stainless Steel, Opposed Blade Dampers Grilles** *(23 37 13 13-0236)*		
23 37 13 13-0268	SF	Up To 4 SF, 304 Stainless Steel, Opposed Blade Dampers Grille	169.27	21.20
		For 316 Stainless Steel, Add	*26.79*	
23 37 13 13-0269	SF	Opposed Blade Dampers Grille, Stainless Steel 304, > 4 SF	128.96	21.20
		For 316 Stainless Steel, Add	*18.72*	
23 37 13 13-0270		**304 Stainless Steel, Plaster Frames Replacement** *(23 37 13 13-0236)*		
		Note: For frequent replacement.		
23 37 13 13-0271	SF	To 4 SF, 304 Stainless Steel, Plaster Frames Replacement	131.89	21.20
		For 316 Stainless Steel, Add	*19.31*	
23 37 13 13-0272	SF	>4 SF, 304 Stainless Steel, Plaster Frames Replacement	70.12	21.20
		For 316 Stainless Steel, Add	*6.96*	
23 37 13 13-0273		**304 Stainless Steel, Modular Louvered Ceiling Diffusers** *(23 37 13 13-0236)*		
23 37 13 13-0274	SF	Up To 4 SF, 304 Stainless Steel, Modular Louvered Ceiling Diffuser	309.43	21.20
		For 316 Stainless Steel, Add	*54.82*	
23 37 13 13-0275	SF	>4 SF, 304 Stainless Steel, Modular Louvered Ceiling Diffuser	242.12	21.20
		For 316 Stainless Steel, Add	*41.36*	
23 37 13 13-0276		**304 Stainless Steel, Latticed Supply/Return Grilles** *(23 37 13 13-0236)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0277	SF	Up To 4 SF, 304 Stainless Steel, Latticed Supply/Return Grille	108.53	21.20
		For 316 Stainless Steel, Add	*14.64*	
23 37 13 13-0278	SF	>4 SF, 304 Stainless Steel, Latticed Supply/Return Grille	108.53	21.20
		For 316 Stainless Steel, Add	*14.64*	
23 37 13 13-0279		**Supply Grille With Rotating Aluminum Drum And Aluminun Frame** *(23 37 13 13-0177)*		
		Note: Titus DL or equal		
23 37 13 13-0280	EA	9" x 6" Aluminum, Rotating Drum Louver, High Volume Supply Grille	97.49	21.03
		For Adjustable Deflection Blades, Add	*3.60*	
		For Split Vane Supply Grille, Add	*5.41*	
		For Curved Frame For Round Duct Mounting, Add	*8.59*	
		For Stainless Steel, Add	*41.59*	
23 37 13 13-0281	EA	12" x 6" Aluminum, Rotating Drum Louver, High Volume Supply Grille	116.40	24.83
		For Adjustable Deflection Blades, Add	*4.34*	
		For Split Vane Supply Grille, Add	*6.51*	
		For Curved Frame For Round Duct Mounting, Add	*10.34*	
		For Stainless Steel, Add	*50.06*	
23 37 13 13-0282	EA	15" x 6" Aluminum, Rotating Drum Louver, High Volume Supply Grille	133.62	26.59
		For Adjustable Deflection Blades, Add	*5.22*	
		For Split Vane Supply Grille, Add	*7.83*	
		For Curved Frame For Round Duct Mounting, Add	*12.45*	
		For Stainless Steel, Add	*60.23*	
23 37 13 13-0283	EA	18" x 6" Aluminum, Rotating Drum Louver, High Volume Supply Grille	147.38	28.49
		For Adjustable Deflection Blades, Add	*5.88*	
		For Split Vane Supply Grille, Add	*8.82*	
		For Curved Frame For Round Duct Mounting, Add	*14.02*	
		For Stainless Steel, Add	*67.84*	
23 37 13 13-0284	EA	20" x 6" Aluminum, Rotating Drum Louver, High Volume Supply Grille	157.70	31.48
		For Adjustable Deflection Blades, Add	*6.15*	
		For Split Vane Supply Grille, Add	*9.23*	
		For Curved Frame For Round Duct Mounting, Add	*14.67*	
		For Stainless Steel, Add	*70.99*	
23 37 13 13-0285	EA	24" x 6" Aluminum, Rotating Drum Louver, High Volume Supply Grille	181.90	34.60
		For Adjustable Deflection Blades, Add	*7.33*	
		For Split Vane Supply Grille, Add	*10.99*	
		For Curved Frame For Round Duct Mounting, Add	*17.47*	
		For Stainless Steel, Add	*84.54*	
23 37 13 13-0286	EA	30" x 6" Aluminum, Rotating Drum Louver, High Volume Supply Grille	215.55	38.36
		For Adjustable Deflection Blades, Add	*9.02*	
		For Split Vane Supply Grille, Add	*13.54*	
		For Curved Frame For Round Duct Mounting, Add	*21.52*	
		For Stainless Steel, Add	*104.12*	
23 37 13 13-0287	EA	36" x 6" Aluminum, Rotating Drum Louver, High Volume Supply Grille	255.19	42.20
		For Adjustable Deflection Blades, Add	*11.11*	
		For Split Vane Supply Grille, Add	*16.67*	
		For Curved Frame For Round Duct Mounting, Add	*26.50*	
		For Stainless Steel, Add	*128.23*	
23 37 13 13-0288	EA	40" x 6" Aluminum, Rotating Drum Louver, High Volume Supply Grille	295.67	47.49
		For Adjustable Deflection Blades, Add	*13.05*	
		For Split Vane Supply Grille, Add	*19.57*	
		For Curved Frame For Round Duct Mounting, Add	*31.11*	
		For Stainless Steel, Add	*150.53*	
23 37 13 13-0289	EA	48" x 6" Aluminum, Rotating Drum Louver, High Volume Supply Grille	325.36	52.92
		For Adjustable Deflection Blades, Add	*14.28*	
		For Split Vane Supply Grille, Add	*21.41*	
		For Curved Frame For Round Duct Mounting, Add	*34.04*	
		For Stainless Steel, Add	*164.73*	
23 37 13 13-0290	EA	12" x 8" Aluminum, Rotating Drum Louver, High Volume Supply Grille	123.99	27.55
		For Adjustable Deflection Blades, Add	*4.48*	
		For Split Vane Supply Grille, Add	*6.72*	
		For Curved Frame For Round Duct Mounting, Add	*10.69*	
		For Stainless Steel, Add	*51.71*	
23 37 13 13-0291	EA	15" x 8" Aluminum, Rotating Drum Louver, High Volume Supply Grille	142.04	29.58
		For Adjustable Deflection Blades, Add	*5.39*	
		For Split Vane Supply Grille, Add	*8.09*	
		For Curved Frame For Round Duct Mounting, Add	*12.86*	
		For Stainless Steel, Add	*62.23*	
23 37 13 13-0292	EA	18" x 8" Aluminum, Rotating Drum Louver, High Volume Supply Grille	156.54	31.61
		For Adjustable Deflection Blades, Add	*6.07*	
		For Split Vane Supply Grille, Add	*9.11*	
		For Curved Frame For Round Duct Mounting, Add	*14.48*	
		For Stainless Steel, Add	*70.08*	
23 37 13 13-0293	EA	20" x 8" Aluminum, Rotating Drum Louver, High Volume Supply Grille	167.68	35.01
		For Adjustable Deflection Blades, Add	*6.36*	
		For Split Vane Supply Grille, Add	*9.53*	
		For Curved Frame For Round Duct Mounting, Add	*15.16*	
		For Stainless Steel, Add	*73.34*	
23 37 13 13-0294	EA	24" x 8" Aluminum, Rotating Drum Louver, High Volume Supply Grille	199.17	38.13
		For Adjustable Deflection Blades, Add	*8.00*	
		For Split Vane Supply Grille, Add	*12.00*	
		For Curved Frame For Round Duct Mounting, Add	*19.07*	
		For Stainless Steel, Add	*92.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0295	EA	30" x 8" Aluminum, Rotating Drum Louver, High Volume Supply Grille	235.24	42.47
		For Adjustable Deflection Blades, Add	*9.76*	
		For Split Vane Supply Grille, Add	*14.64*	
		For Curved Frame For Round Duct Mounting, Add	*23.28*	
		For Stainless Steel, Add	*112.65*	
23 37 13 13-0296	EA	36" x 8" Aluminum, Rotating Drum Louver, High Volume Supply Grille	285.09	46.67
		For Adjustable Deflection Blades, Add	*12.46*	
		For Split Vane Supply Grille, Add	*18.70*	
		For Curved Frame For Round Duct Mounting, Add	*29.72*	
		For Stainless Steel, Add	*143.81*	
23 37 13 13-0297	EA	40" x 8" Aluminum, Rotating Drum Louver, High Volume Supply Grille	338.55	52.65
		For Stainless Steel, Add	*524.90*	
		For Adjustable Deflection Blades, Add	*15.16*	
		For Split Vane Supply Grille, Add	*22.75*	
		For Curved Frame For Round Duct Mounting, Add	*36.16*	
		For Stainless Steel, Add	*174.97*	
23 37 13 13-0298	EA	48" x 8" Aluminum, Rotating Drum Louver, High Volume Supply Grille	363.50	58.62
		For Adjustable Deflection Blades, Add	*16.01*	
		For Split Vane Supply Grille, Add	*24.02*	
		For Curved Frame For Round Duct Mounting, Add	*38.18*	
		For Stainless Steel, Add	*184.74*	
23 37 13 13-0299	EA	12" x 10" Aluminum, Rotating Drum Louver, High Volume Supply Grille	134.39	30.53
		For Adjustable Deflection Blades, Add	*4.77*	
		For Split Vane Supply Grille, Add	*7.15*	
		For Curved Frame For Round Duct Mounting, Add	*11.37*	
		For Stainless Steel, Add	*55.04*	
23 37 13 13-0300	EA	15" x 10" Aluminum, Rotating Drum Louver, High Volume Supply Grille	153.78	32.70
		For Adjustable Deflection Blades, Add	*5.74*	
		For Split Vane Supply Grille, Add	*8.61*	
		For Curved Frame For Round Duct Mounting, Add	*13.69*	
		For Stainless Steel, Add	*66.23*	
23 37 13 13-0301	EA	18" x 10" Aluminum, Rotating Drum Louver, High Volume Supply Grille	169.39	35.01
		For Adjustable Deflection Blades, Add	*6.46*	
		For Split Vane Supply Grille, Add	*9.70*	
		For Curved Frame For Round Duct Mounting, Add	*15.41*	
		For Stainless Steel, Add	*74.59*	
23 37 13 13-0302	EA	20" x 10" Aluminum, Rotating Drum Louver, High Volume Supply Grille	181.53	38.68
		For Adjustable Deflection Blades, Add	*6.77*	
		For Split Vane Supply Grille, Add	*10.15*	
		For Curved Frame For Round Duct Mounting, Add	*16.13*	
		For Stainless Steel, Add	*78.06*	
23 37 13 13-0303	EA	25" x 10" Aluminum, Rotating Drum Louver, High Volume Supply Grille	215.07	42.07
		For Adjustable Deflection Blades, Add	*8.51*	
		For Split Vane Supply Grille, Add	*12.77*	
		For Curved Frame For Round Duct Mounting, Add	*20.30*	
		For Stainless Steel, Add	*98.23*	
23 37 13 13-0304	EA	30" x 10" Aluminum, Rotating Drum Louver, High Volume Supply Grille	254.25	47.22
		For Adjustable Deflection Blades, Add	*10.39*	
		For Split Vane Supply Grille, Add	*15.59*	
		For Curved Frame For Round Duct Mounting, Add	*24.78*	
		For Stainless Steel, Add	*119.90*	
23 37 13 13-0305	EA	35" x 10" Aluminum, Rotating Drum Louver, High Volume Supply Grille	305.88	51.84
		For Adjustable Deflection Blades, Add	*13.15*	
		For Split Vane Supply Grille, Add	*19.72*	
		For Curved Frame For Round Duct Mounting, Add	*31.35*	
		For Stainless Steel, Add	*151.70*	
23 37 13 13-0306	EA	40" x 10" Aluminum, Rotating Drum Louver, High Volume Supply Grille	350.63	58.49
		For Adjustable Deflection Blades, Add	*15.20*	
		For Split Vane Supply Grille, Add	*22.80*	
		For Curved Frame For Round Duct Mounting, Add	*36.24*	
		For Stainless Steel, Add	*175.35*	
23 37 13 13-0307	EA	50" x 10" Aluminum, Rotating Drum Louver, High Volume Supply Grille	389.71	65.00
		For Adjustable Deflection Blades, Add	*16.89*	
		For Split Vane Supply Grille, Add	*25.34*	
		For Curved Frame For Round Duct Mounting, Add	*40.28*	
		For Stainless Steel, Add	*194.89*	
23 37 13 13-0308	EA	12" x 12" Aluminum, Rotating Drum Louver, High Volume Supply Grille	150.15	32.97
		For Adjustable Deflection Blades, Add	*5.47*	
		For Split Vane Supply Grille, Add	*8.20*	
		For Curved Frame For Round Duct Mounting, Add	*13.03*	
		For Stainless Steel, Add	*63.06*	
23 37 13 13-0309	EA	15" x 12" Aluminum, Rotating Drum Louver, High Volume Supply Grille	172.08	35.42
		For Adjustable Deflection Blades, Add	*6.58*	
		For Split Vane Supply Grille, Add	*9.87*	
		For Curved Frame For Round Duct Mounting, Add	*15.68*	
		For Stainless Steel, Add	*75.89*	
23 37 13 13-0310	EA	18" x 12" Aluminum, Rotating Drum Louver, High Volume Supply Grille	189.69	37.86
		For Adjustable Deflection Blades, Add	*7.41*	
		For Split Vane Supply Grille, Add	*11.11*	
		For Curved Frame For Round Duct Mounting, Add	*17.66*	
		For Stainless Steel, Add	*85.47*	
23 37 13 13-0311	EA	20" x 12" Aluminum, Rotating Drum Louver, High Volume Supply Grille	203.13	41.93
		For Adjustable Deflection Blades, Add	*7.75*	
		For Split Vane Supply Grille, Add	*11.63*	
		For Curved Frame For Round Duct Mounting, Add	*18.48*	
		For Stainless Steel, Add	*89.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0312	EA	25" x 12" Aluminum, Rotating Drum Louver, High Volume Supply Grille	244.33	47.09
		For Adjustable Deflection Blades, Add	*9.75*	
		For Split Vane Supply Grille, Add	*14.63*	
		For Curved Frame For Round Duct Mounting, Add	*23.26*	
		For Stainless Steel, Add	*112.55*	
23 37 13 13-0313	EA	30" x 12" Aluminum, Rotating Drum Louver, High Volume Supply Grille	283.55	52.38
		For Adjustable Deflection Blades, Add	*11.63*	
		For Split Vane Supply Grille, Add	*17.44*	
		For Curved Frame For Round Duct Mounting, Add	*27.73*	
		For Stainless Steel, Add	*134.19*	
23 37 13 13-0314	EA	35" x 12" Aluminum, Rotating Drum Louver, High Volume Supply Grille	331.31	57.80
		For Adjustable Deflection Blades, Add	*14.01*	
		For Split Vane Supply Grille, Add	*21.02*	
		For Curved Frame For Round Duct Mounting, Add	*33.42*	
		For Stainless Steel, Add	*161.70*	
23 37 13 13-0315	EA	40" x 12" Aluminum, Rotating Drum Louver, High Volume Supply Grille	375.92	63.37
		For Adjustable Deflection Blades, Add	*16.20*	
		For Split Vane Supply Grille, Add	*24.29*	
		For Curved Frame For Round Duct Mounting, Add	*38.62*	
		For Stainless Steel, Add	*186.87*	
23 37 13 13-0316	EA	50" x 12" Aluminum, Rotating Drum Louver, High Volume Supply Grille	417.55	70.29
		For Adjustable Deflection Blades, Add	*18.00*	
		For Split Vane Supply Grille, Add	*27.00*	
		For Curved Frame For Round Duct Mounting, Add	*42.92*	
		For Stainless Steel, Add	*207.69*	
23 37 13 13-0317	EA	60" x 12" Aluminum, Rotating Drum Louver, High Volume Supply Grille	476.02	80.20
		For Adjustable Deflection Blades, Add	*20.52*	
		For Split Vane Supply Grille, Add	*30.78*	
		For Curved Frame For Round Duct Mounting, Add	*48.93*	
		For Stainless Steel, Add	*236.78*	
23 37 13 13-0318	EA	15" x 15" Aluminum, Rotating Drum Louver, High Volume Supply Grille	195.34	39.89
		For Adjustable Deflection Blades, Add	*7.52*	
		For Split Vane Supply Grille, Add	*11.28*	
		For Curved Frame For Round Duct Mounting, Add	*17.93*	
		For Stainless Steel, Add	*86.75*	
23 37 13 13-0319	EA	18" x 15" Aluminum, Rotating Drum Louver, High Volume Supply Grille	215.36	42.61
		For Adjustable Deflection Blades, Add	*8.47*	
		For Split Vane Supply Grille, Add	*12.70*	
		For Curved Frame For Round Duct Mounting, Add	*20.19*	
		For Stainless Steel, Add	*97.69*	
23 37 13 13-0320	EA	20" x 15" Aluminum, Rotating Drum Louver, High Volume Supply Grille	230.58	47.09
		For Adjustable Deflection Blades, Add	*8.86*	
		For Split Vane Supply Grille, Add	*13.29*	
		For Curved Frame For Round Duct Mounting, Add	*21.13*	
		For Stainless Steel, Add	*102.23*	
23 37 13 13-0321	EA	25" x 15" Aluminum, Rotating Drum Louver, High Volume Supply Grille	275.98	52.24
		For Adjustable Deflection Blades, Add	*11.15*	
		For Split Vane Supply Grille, Add	*16.72*	
		For Curved Frame For Round Duct Mounting, Add	*26.59*	
		For Stainless Steel, Add	*128.64*	
23 37 13 13-0322	EA	30" x 15" Aluminum, Rotating Drum Louver, High Volume Supply Grille	319.60	57.53
		For Adjustable Deflection Blades, Add	*13.29*	
		For Split Vane Supply Grille, Add	*19.94*	
		For Curved Frame For Round Duct Mounting, Add	*31.70*	
		For Stainless Steel, Add	*153.38*	
23 37 13 13-0323	EA	35" x 15" Aluminum, Rotating Drum Louver, High Volume Supply Grille	373.65	63.64
		For Adjustable Deflection Blades, Add	*16.02*	
		For Split Vane Supply Grille, Add	*24.03*	
		For Curved Frame For Round Duct Mounting, Add	*38.20*	
		For Stainless Steel, Add	*184.82*	
23 37 13 13-0324	EA	40" x 15" Aluminum, Rotating Drum Louver, High Volume Supply Grille	424.11	69.61
		For Adjustable Deflection Blades, Add	*18.51*	
		For Split Vane Supply Grille, Add	*27.77*	
		For Curved Frame For Round Duct Mounting, Add	*44.14*	
		For Stainless Steel, Add	*213.59*	
23 37 13 13-0325	EA	50" x 15" Aluminum, Rotating Drum Louver, High Volume Supply Grille	471.11	77.34
		For Adjustable Deflection Blades, Add	*20.58*	
		For Split Vane Supply Grille, Add	*30.86*	
		For Curved Frame For Round Duct Mounting, Add	*49.06*	
		For Stainless Steel, Add	*237.41*	
23 37 13 13-0326	EA	60" x 15" Aluminum, Rotating Drum Louver, High Volume Supply Grille	537.05	88.07
		For Adjustable Deflection Blades, Add	*23.46*	
		For Split Vane Supply Grille, Add	*35.18*	
		For Curved Frame For Round Duct Mounting, Add	*55.93*	
		For Stainless Steel, Add	*270.64*	

23 37 13 13-0327 Removal And Reinstallation Of Distribution Devices *(23 37 13 13)*

Note: Includes storage and cleaning. Excludes ductwork.

23 37 13 13-0328	EA	Removal And Reinstallation Of Variable Air Volume Terminal Unit	254.42
23 37 13 13-0329	EA	Removal And Reinstallation Of Fan Powered Variable Volume Terminal Unit	280.61
23 37 13 13-0330	EA	Removal And Reinstallation Of Lay-in Diffuser/Register/Grille	42.06
23 37 13 13-0331	EA	Removal And Reinstallation Of Surface Mounted Diffuser/Register/Grille	56.96

23 37 13 43 Security Registers and Grilles *(23 37 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 43-0001		**Security Supply Or Return Grille** *(23 37 13 43)* Note: Designed for maximum security applications, 3/16" steel face plate with 2" x 2" square holes, 1/4" steel backer plate, 3/16" welded steel sleeve, 10 gauge x 2 wire mesh between face and backer plates, 1" x 1" x 3/16" angle iron frame, standard finish.		
23 37 13 43-0002	EA	8" x 4" Steel Security Grille	254.12	20.39
		For Anchoring Tabs, Add	*21.33*	
		For Rear Operated Opposed Blade Damper, Add	*78.75*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*53.34*	
		For Stainless Steel, Add	*266.68*	
23 37 13 43-0003	EA	8" x 6" Steel Security Grille	281.34	21.07
		For Anchoring Tabs, Add	*23.92*	
		For Rear Operated Opposed Blade Damper, Add	*87.93*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*59.80*	
		For Stainless Steel, Add	*299.00*	
23 37 13 43-0004	EA	8" x 8" Steel Security Grille	322.33	23.79
		For Anchoring Tabs, Add	*27.48*	
		For Rear Operated Opposed Blade Damper, Add	*100.92*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*68.69*	
		For Stainless Steel, Add	*343.44*	
23 37 13 43-0005	EA	10" x 4" Steel Security Grille	282.17	23.10
		For Anchoring Tabs, Add	*23.60*	
		For Rear Operated Opposed Blade Damper, Add	*87.21*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*58.99*	
		For Stainless Steel, Add	*294.95*	
23 37 13 43-0006	EA	10" x 6" Steel Security Grille	301.07	24.46
		For Anchoring Tabs, Add	*25.21*	
		For Rear Operated Opposed Blade Damper, Add	*93.14*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*63.03*	
		For Stainless Steel, Add	*315.16*	
23 37 13 43-0007	EA	10" x 8" Steel Security Grille	343.92	26.50
		For Anchoring Tabs, Add	*29.09*	
		For Rear Operated Opposed Blade Damper, Add	*107.12*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*72.73*	
		For Stainless Steel, Add	*363.64*	
23 37 13 43-0008	EA	10" x 10" Steel Security Grille	383.55	28.55
		For Anchoring Tabs, Add	*32.65*	
		For Rear Operated Opposed Blade Damper, Add	*119.97*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*81.62*	
		For Stainless Steel, Add	*408.09*	
23 37 13 43-0009	EA	12" x 4" Steel Security Grille	297.31	25.83
		For Anchoring Tabs, Add	*24.57*	
		For Rear Operated Opposed Blade Damper, Add	*91.15*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*61.42*	
		For Stainless Steel, Add	*307.08*	
23 37 13 43-0010	EA	12" x 6" Steel Security Grille	331.83	28.55
		For Anchoring Tabs, Add	*27.48*	
		For Rear Operated Opposed Blade Damper, Add	*101.87*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*68.69*	
		For Stainless Steel, Add	*343.44*	
23 37 13 43-0011	EA	12" x 8" Steel Security Grille	377.94	30.58
		For Anchoring Tabs, Add	*31.68*	
		For Rear Operated Opposed Blade Damper, Add	*116.99*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*79.19*	
		For Stainless Steel, Add	*395.96*	
23 37 13 43-0012	EA	12" x 10" Steel Security Grille	411.10	32.62
		For Anchoring Tabs, Add	*34.59*	
		For Rear Operated Opposed Blade Damper, Add	*127.58*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*86.47*	
		For Stainless Steel, Add	*432.33*	
23 37 13 43-0013	EA	12" x 12" Steel Security Grille	453.96	34.66
		For Anchoring Tabs, Add	*38.47*	
		For Rear Operated Opposed Blade Damper, Add	*141.56*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*96.16*	
		For Stainless Steel, Add	*480.81*	
23 37 13 43-0014	EA	14" x 4" Steel Security Grille	317.54	27.86
		For Anchoring Tabs, Add	*26.18*	
		For Rear Operated Opposed Blade Damper, Add	*97.21*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*65.46*	
		For Stainless Steel, Add	*327.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 43-0015	EA	14" x 6" Steel Security Grille	357.19	29.90
		For Anchoring Tabs, Add	*29.74*	
		For Rear Operated Opposed Blade Damper, Add	*110.06*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*74.35*	
		For Stainless Steel, Add	*371.73*	
23 37 13 43-0016	EA	14" x 8" Steel Security Grille	398.18	32.62
		For Anchoring Tabs, Add	*33.29*	
		For Rear Operated Opposed Blade Damper, Add	*123.05*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*83.24*	
		For Stainless Steel, Add	*416.18*	
23 37 13 43-0017	EA	14" x 10" Steel Security Grille	448.86	35.34
		For Anchoring Tabs, Add	*37.82*	
		For Rear Operated Opposed Blade Damper, Add	*139.43*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*94.55*	
		For Stainless Steel, Add	*472.74*	
23 37 13 43-0018	EA	14" x 12" Steel Security Grille	494.45	38.74
		For Anchoring Tabs, Add	*41.70*	
		For Rear Operated Opposed Blade Damper, Add	*153.69*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*104.25*	
		For Stainless Steel, Add	*521.23*	
23 37 13 43-0019	EA	14" x 14" Steel Security Grille	532.21	41.46
		For Anchoring Tabs, Add	*44.93*	
		For Rear Operated Opposed Blade Damper, Add	*165.55*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*112.33*	
		For Stainless Steel, Add	*561.63*	
23 37 13 43-0020	EA	16" x 6" Steel Security Grille	382.01	32.62
		For Anchoring Tabs, Add	*31.68*	
		For Rear Operated Opposed Blade Damper, Add	*117.39*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*79.19*	
		For Stainless Steel, Add	*395.96*	
23 37 13 43-0021	EA	16" x 8" Steel Security Grille	435.93	35.34
		For Anchoring Tabs, Add	*36.53*	
		For Rear Operated Opposed Blade Damper, Add	*134.91*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*91.32*	
		For Stainless Steel, Add	*456.58*	
23 37 13 43-0022	EA	16" x 10" Steel Security Grille	470.46	38.06
		For Anchoring Tabs, Add	*39.44*	
		For Rear Operated Opposed Blade Damper, Add	*145.63*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*98.59*	
		For Stainless Steel, Add	*492.94*	
23 37 13 43-0023	EA	16" x 12" Steel Security Grille	529.49	40.09
		For Anchoring Tabs, Add	*44.93*	
		For Rear Operated Opposed Blade Damper, Add	*165.27*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*112.33*	
		For Stainless Steel, Add	*561.63*	
23 37 13 43-0024	EA	16" x 14" Steel Security Grille	560.79	42.82
		For Anchoring Tabs, Add	*47.52*	
		For Rear Operated Opposed Blade Damper, Add	*174.87*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*118.79*	
		For Stainless Steel, Add	*593.95*	
23 37 13 43-0025	EA	16" x 16" Steel Security Grille	608.24	45.54
		For Anchoring Tabs, Add	*51.72*	
		For Rear Operated Opposed Blade Damper, Add	*190.12*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*129.30*	
		For Stainless Steel, Add	*646.48*	
23 37 13 43-0026	EA	18" x 6" Steel Security Grille	406.34	36.70
		For Anchoring Tabs, Add	*33.29*	
		For Rear Operated Opposed Blade Damper, Add	*123.87*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*83.24*	
		For Stainless Steel, Add	*416.18*	
23 37 13 43-0027	EA	18" x 8" Steel Security Grille	463.48	39.42
		For Anchoring Tabs, Add	*38.47*	
		For Rear Operated Opposed Blade Damper, Add	*142.51*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*96.16*	
		For Stainless Steel, Add	*480.81*	
23 37 13 43-0028	EA	18" x 10" Steel Security Grille	507.71	42.14
		For Anchoring Tabs, Add	*42.34*	
		For Rear Operated Opposed Blade Damper, Add	*156.63*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*105.86*	
		For Stainless Steel, Add	*529.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 43-0029	EA	18" x 12" Steel Security Grille	558.40	44.85
		For Anchoring Tabs, Add	*46.87*	
		For Rear Operated Opposed Blade Damper, Add	*173.02*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*117.18*	
		For Stainless Steel, Add	*585.88*	
23 37 13 43-0030	EA	18" x 14" Steel Security Grille	595.82	44.18
		For Anchoring Tabs, Add	*50.75*	
		For Rear Operated Opposed Blade Damper, Add	*186.45*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*126.87*	
		For Stainless Steel, Add	*634.35*	
23 37 13 43-0031	EA	18" x 16" Steel Security Grille	651.63	46.21
		For Anchoring Tabs, Add	*55.92*	
		For Rear Operated Opposed Blade Damper, Add	*204.96*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*139.80*	
		For Stainless Steel, Add	*699.00*	
23 37 13 43-0032	EA	18" x 18" Steel Security Grille	697.72	48.25
		For Anchoring Tabs, Add	*60.12*	
		For Rear Operated Opposed Blade Damper, Add	*220.08*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*150.31*	
		For Stainless Steel, Add	*751.53*	
23 37 13 43-0033	EA	20" x 6" Steel Security Grille	435.76	40.09
		For Anchoring Tabs, Add	*35.56*	
		For Rear Operated Opposed Blade Damper, Add	*132.47*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*88.89*	
		For Stainless Steel, Add	*444.45*	
23 37 13 43-0034	EA	20" x 8" Steel Security Grille	492.39	44.18
		For Anchoring Tabs, Add	*40.41*	
		For Rear Operated Opposed Blade Damper, Add	*150.25*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*101.01*	
		For Stainless Steel, Add	*505.06*	
23 37 13 43-0035	EA	20" x 10" Steel Security Grille	541.73	46.21
		For Anchoring Tabs, Add	*44.93*	
		For Rear Operated Opposed Blade Damper, Add	*166.50*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*112.33*	
		For Stainless Steel, Add	*561.63*	
23 37 13 43-0036	EA	20" x 12" Steel Security Grille	595.65	48.94
		For Anchoring Tabs, Add	*49.78*	
		For Rear Operated Opposed Blade Damper, Add	*184.01*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*124.45*	
		For Stainless Steel, Add	*622.24*	
23 37 13 43-0037	EA	20" x 14" Steel Security Grille	654.67	50.97
		For Anchoring Tabs, Add	*55.27*	
		For Rear Operated Opposed Blade Damper, Add	*203.65*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*138.19*	
		For Stainless Steel, Add	*690.93*	
23 37 13 43-0038	EA	20" x 16" Steel Security Grille	707.23	53.01
		For Anchoring Tabs, Add	*60.12*	
		For Rear Operated Opposed Blade Damper, Add	*221.03*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*150.31*	
		For Stainless Steel, Add	*751.53*	
23 37 13 43-0039	EA	20" x 18" Steel Security Grille	756.57	55.05
		For Anchoring Tabs, Add	*64.65*	
		For Rear Operated Opposed Blade Damper, Add	*237.28*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*161.62*	
		For Stainless Steel, Add	*808.10*	
23 37 13 43-0040	EA	20" x 20" Steel Security Grille	815.60	57.09
		For Anchoring Tabs, Add	*70.14*	
		For Rear Operated Opposed Blade Damper, Add	*256.92*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*175.36*	
		For Stainless Steel, Add	*876.79*	
23 37 13 43-0041	EA	24" x 6" Steel Security Grille	484.05	44.85
		For Anchoring Tabs, Add	*39.44*	
		For Rear Operated Opposed Blade Damper, Add	*146.99*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*98.59*	
		For Stainless Steel, Add	*492.94*	
23 37 13 43-0042	EA	24" x 8" Steel Security Grille	547.15	48.94
		For Anchoring Tabs, Add	*44.93*	
		For Rear Operated Opposed Blade Damper, Add	*167.04*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*112.33*	
		For Stainless Steel, Add	*561.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 43-0043	EA	24" x 10" Steel Security Grille	598.37	50.29
		For Anchoring Tabs, Add	*49.78*	
		For Rear Operated Opposed Blade Damper, Add	*184.28*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*124.45*	
		For Stainless Steel, Add	*622.24*	
23 37 13 43-0044	EA	24" x 12" Steel Security Grille	670.64	55.72
		For Anchoring Tabs, Add	*55.92*	
		For Rear Operated Opposed Blade Damper, Add	*206.86*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*139.80*	
		For Stainless Steel, Add	*699.00*	
23 37 13 43-0045	EA	24" x 14" Steel Security Grille	723.21	57.77
		For Anchoring Tabs, Add	*60.77*	
		For Rear Operated Opposed Blade Damper, Add	*224.24*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*151.92*	
		For Stainless Steel, Add	*759.61*	
23 37 13 43-0046	EA	24" x 16" Steel Security Grille	788.70	59.81
		For Anchoring Tabs, Add	*66.91*	
		For Rear Operated Opposed Blade Damper, Add	*246.15*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*167.28*	
		For Stainless Steel, Add	*836.38*	
23 37 13 43-0047	EA	24" x 18" Steel Security Grille	863.89	61.85
		For Anchoring Tabs, Add	*74.02*	
		For Rear Operated Opposed Blade Damper, Add	*271.44*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*185.06*	
		For Stainless Steel, Add	*925.28*	
23 37 13 43-0048	EA	24" x 20" Steel Security Grille	916.43	63.88
		For Anchoring Tabs, Add	*78.87*	
		For Rear Operated Opposed Blade Damper, Add	*288.82*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*197.18*	
		For Stainless Steel, Add	*985.88*	
23 37 13 43-0049	EA	24" x 24" Steel Security Grille	1,028.03	67.97
		For Anchoring Tabs, Add	*89.21*	
		For Rear Operated Opposed Blade Damper, Add	*325.84*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.45*	
		For 1" x 1" Square Holes On Face, Add	*223.04*	
		For Stainless Steel, Add	*1,115.18*	

23 37 23 HVAC Gravity Ventilators *(23 37)*

23 37 23 13 HVAC Gravity Dome Ventilators *(23 37 23)*

23 37 23 13-0001 Rectangular Gravity Intake/Relief Ventilator Hood *(23 37 23 13)*

Note: Includes flange base and bird screen. Excludes curb.

23 37 23 13-0002	EA	8" x 8" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,404.15	78.70
23 37 23 13-0003	EA	8" x 12" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,480.39	90.10
23 37 23 13-0004	EA	8" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,851.26	112.08
23 37 23 13-0005	EA	8" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,971.93	119.28
23 37 23 13-0006	EA	8" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,302.64	138.82
23 37 23 13-0007	EA	10" x 10" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,657.29	89.56
23 37 23 13-0008	EA	12" x 12" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,821.30	100.96
23 37 23 13-0009	EA	12" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,119.83	108.55
23 37 23 13-0010	EA	12" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,297.96	131.57
23 37 23 13-0011	EA	12" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,652.51	141.12
23 37 23 13-0012	EA	12" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,006.79	149.80
23 37 23 13-0013	EA	14" x 14" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,983.44	102.17
23 37 23 13-0014	EA	14" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,260.24	116.42
23 37 23 13-0015	EA	14" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,537.04	130.68
23 37 23 13-0016	EA	14" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,859.86	147.36
23 37 23 13-0017	EA	14" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,228.97	166.36
23 37 23 13-0018	EA	16" x 16" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,398.53	123.61
23 37 23 13-0019	EA	16" x 20" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,490.84	128.36
23 37 23 13-0020	EA	16" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,767.61	142.61
23 37 23 13-0021	EA	16" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,136.58	161.61
23 37 23 13-0022	EA	16" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,505.55	180.61
23 37 23 13-0023	EA	16" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,012.98	206.79
23 37 23 13-0024	EA	18" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,384.75	121.85
23 37 23 13-0025	EA	18" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,774.92	141.80
23 37 23 13-0026	EA	18" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,165.24	161.75
23 37 23 13-0027	EA	18" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,598.79	183.86
23 37 23 13-0028	EA	18" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,989.00	203.81
23 37 23 13-0029	EA	20" x 20" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,500.74	135.16
23 37 23 13-0030	EA	20" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,828.63	152.92
23 37 23 13-0031	EA	20" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,156.66	170.57
23 37 23 13-0032	EA	20" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,648.64	197.16
23 37 23 13-0033	EA	20" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,017.55	217.11
23 37 23 13-0034	EA	24" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,148.06	181.69
23 37 23 13-0035	EA	24" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,493.54	201.64
23 37 23 13-0036	EA	24" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,992.67	230.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 23 13-0037	EA	24" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,376.56	252.52
23 37 23 13-0038	EA	24" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,798.86	276.95
23 37 23 13-0039	EA	30" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,791.99	206.79
23 37 23 13-0040	EA	30" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,178.22	227.83
23 37 23 13-0041	EA	30" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,599.66	250.76
23 37 23 13-0042	EA	30" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	5,020.96	273.83
23 37 23 13-0043	EA	30" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,109.36	333.12
23 37 23 13-0044	EA	30" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,530.80	356.06
23 37 23 13-0045	EA	36" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,366.39	256.60
23 37 23 13-0046	EA	36" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,789.92	281.43
23 37 23 13-0047	EA	36" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	5,734.86	336.93
23 37 23 13-0048	EA	36" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,386.50	375.19
23 37 23 13-0049	EA	36" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,777.62	398.26
23 37 23 13-0050	EA	36" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	7,298.92	428.79
23 37 23 13-0051	EA	36" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	8,211.33	482.39
23 37 23 13-0052	EA	42" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	5,216.35	287.26
23 37 23 13-0053	EA	42" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,476.42	356.61
23 37 23 13-0054	EA	42" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	7,384.94	406.67
23 37 23 13-0055	EA	42" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	7,648.61	421.19
23 37 23 13-0056	EA	42" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	8,527.78	469.50
23 37 23 13-0057	EA	42" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	9,377.60	516.31
23 37 23 13-0058	EA	48" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,874.30	414.68
23 37 23 13-0059	EA	48" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	7,436.11	448.61
23 37 23 13-0060	EA	48" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	7,997.79	482.53
23 37 23 13-0061	EA	48" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	8,880.48	535.72
23 37 23 13-0062	EA	48" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	9,412.09	542.77
23 37 23 13-0063	EA	54" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	7,984.68	467.46
23 37 23 13-0064	EA	54" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	8,956.49	524.32
23 37 23 13-0065	EA	54" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	9,718.25	568.96
23 37 23 13-0066	EA	54" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	10,348.50	605.87
23 37 23 13-0067	EA	60" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	9,952.63	581.99
23 37 23 13-0068	EA	60" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	10,448.38	620.39
23 37 23 13-0069	EA	60" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	11,199.43	668.02
23 37 23 13-0070	EA	66" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	10,427.01	671.14
23 37 23 13-0071	EA	66" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	12,193.16	784.85
23 37 23 13-0072	EA	72" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	12,602.08	723.66

23 38 Ventilation Hoods *(23 30)*

23 38 13 Commercial-Kitchen Hoods *(23 38)*

23 38 13 13 Listed Commercial-Kitchen Hoods *(23 38 13)*

23 38 13 13-0001 Universal Ventless Hood *(23 38 13 13)*

23 38 13 13-0002	EA	109" Wide x 50" Deep x 102" High, Ventless Exhaust Hood With Stand, (Wells WVU-96)	55,761.19	528.85

23 38 13 16 Standard Commercial-Kitchen Hoods *(23 38 13)*

23 38 13 16-0001 Commercial Kitchen Hood Ventilation System *(23 38 13 16)*

Note: Excludes fire suppression. See CSI section 23 34 16 00-0108 for exhaust and supply fans.

23 38 13 16-0002 Dry Filter Exhaust Hoods *(23 38 13 16-0001)*

Note: Includes stainless steel filters, exhaust damper and 48" long fluorescent light fixtures.

23 38 13 16-0003	EA	8' Long x 60" Deep Dry Filter Exhaust Hood	13,169.47	992.21
23 38 13 16-0004	EA	8'-6" Long x 60" Deep Dry Filter Exhaust Hood	13,716.32	1,054.24
23 38 13 16-0005	EA	9' Long x 60" Deep Dry Filter Exhaust Hood	15,306.26	1,116.25
23 38 13 16-0006	EA	9'-6" Long x 60" Deep Dry Filter Exhaust Hood	15,766.61	1,178.26
23 38 13 16-0007	EA	10' Long x 60" Deep Dry Filter Exhaust Hood	16,328.87	1,240.27
23 38 13 16-0008	EA	10'-6" Long x 60" Deep Dry Filter Exhaust Hood	16,923.67	1,302.29
23 38 13 16-0009	EA	11' Long x 60" Deep Dry Filter Exhaust Hood	17,486.68	1,364.30
23 38 13 16-0010	EA	11'-6" Long x 60" Deep Dry Filter Exhaust Hood	18,067.13	1,426.31
23 38 13 16-0011	EA	12' Long x 60" Deep Dry Filter Exhaust Hood	18,714.02	1,488.33
23 38 13 16-0012	EA	12'-6" Long x 60" Deep Dry Filter Exhaust Hood	19,273.92	1,550.34
23 38 13 16-0013	EA	13' Long x 60" Deep Dry Filter Exhaust Hood	19,735.47	1,612.36
23 38 13 16-0014	EA	13'-6" Long x 60" Deep Dry Filter Exhaust Hood	20,519.30	1,674.37
23 38 13 16-0015	EA	14' Long x 60" Deep Dry Filter Exhaust Hood	22,980.45	1,736.38
23 38 13 16-0016	EA	14'-6" Long x 60" Deep Dry Filter Exhaust Hood	23,597.26	1,798.39
23 38 13 16-0017	EA	15" Long x 60" Deep Dry Filter Exhaust Hood	24,439.40	1,860.41
23 38 13 16-0018	EA	15'-6" Long x 60" Deep Dry Filter Exhaust Hood	25,070.47	1,922.43
23 38 13 16-0019	EA	16' Long x 60" Deep Dry Filter Exhaust Hood	26,018.86	1,984.44

23 38 13 16-0020 Dry Extractor Exhaust Hoods *(23 38 13 16-0001)*

Note: Includes extractor inserts, exhaust damper, 48" long fluorescent light fixtures, and UDS filler panels.

23 38 13 16-0021	EA	8' Long x 60" Deep Dry Extractor Exhaust Hood	18,493.16	992.21
23 38 13 16-0022	EA	8'-6" Long x 60" Deep Dry Extractor Exhaust Hood	19,073.70	1,054.24
23 38 13 16-0023	EA	9' Long x 60" Deep Dry Extractor Exhaust Hood	20,764.72	1,116.25
23 38 13 16-0024	EA	9'-6" Long x 60" Deep Dry Extractor Exhaust Hood	21,359.85	1,178.26
23 38 13 16-0025	EA	10' Long x 60" Deep Dry Extractor Exhaust Hood	21,955.81	1,240.27
23 38 13 16-0026	EA	10'-6" Long x 60" Deep Dry Extractor Exhaust Hood	22,516.91	1,302.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 38 13 16-0027	EA	11' Long x 60" Deep Dry Extractor Exhaust Hood	23,113.61	1,364.30
23 38 13 16-0028	EA	11'-6" Long x 60" Deep Dry Extractor Exhaust Hood	23,677.22	1,426.31
23 38 13 16-0029	EA	12' Long x 60" Deep Dry Extractor Exhaust Hood	24,206.18	1,488.33
23 38 13 16-0030	EA	12'-6" Long x 60" Deep Dry Extractor Exhaust Hood	24,968.24	1,550.34
23 38 13 16-0031	EA	13' Long x 60" Deep Dry Extractor Exhaust Hood	25,850.97	1,612.36
23 38 13 16-0032	EA	13'-6" Long x 60" Deep Dry Extractor Exhaust Hood	26,786.42	1,674.37
23 38 13 16-0033	EA	14' Long x 60" Deep Dry Extractor Exhaust Hood	28,759.01	1,736.38
23 38 13 16-0034	EA	14'-6" Long x 60" Deep Dry Extractor Exhaust Hood	29,712.76	1,798.39
23 38 13 16-0035	EA	15" Long x 60" Deep Dry Extractor Exhaust Hood	31,582.57	1,860.41
23 38 13 16-0036	EA	15'-6" Long x 60" Deep Dry Extractor Exhaust Hood	33,477.18	1,922.43
23 38 13 16-0037	EA	16' Long x 60" Deep Dry Extractor Exhaust Hood	35,352.16	1,984.44
23 38 13 16-0038		**Single Manifold Water Wash Exhaust Hoods** *(23 38 13 16-0001)*		
		Note: Includes extraction baffles, 48" long fluorescent light fixtures, and UDS filler panels. Excludes fan wash control panel.		
23 38 13 16-0039	EA	8' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	19,840.93	992.21
23 38 13 16-0040	EA	8'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	20,455.16	1,054.24
23 38 13 16-0041	EA	9' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	22,179.88	1,116.25
23 38 13 16-0042	EA	9'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	22,791.85	1,178.26
23 38 13 16-0043	EA	10' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	23,438.35	1,240.27
23 38 13 16-0044	EA	10'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	24,033.15	1,302.29
23 38 13 16-0045	EA	11' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	24,646.70	1,364.30
23 38 13 16-0046	EA	11'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	25,260.85	1,426.31
23 38 13 16-0047	EA	12' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	25,806.65	1,488.33
23 38 13 16-0048	EA	12'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	26,636.10	1,550.34
23 38 13 16-0049	EA	13' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	27,586.22	1,612.36
23 38 13 16-0050	EA	13'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	28,589.06	1,674.37
23 38 13 16-0051	EA	14' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	30,629.04	1,736.38
23 38 13 16-0052	EA	14'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	31,650.18	1,798.39
23 38 13 16-0053	EA	15" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	33,705.31	1,860.41
23 38 13 16-0054	EA	15'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	34,723.86	1,922.43
23 38 13 16-0055	EA	16' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	35,739.64	1,984.44
23 38 13 16-0056	EA	Fan Wash Control Panel Note: Includes time clock and backflow preventer.	14,263.28	496.11
23 38 13 16-0057		**Utility Distribution System (UDS)** *(23 38 13 16-0001)*		
		Note: Includes "L" shaped primary riser, secondary riser, horizontal mechanical and electrical raceway; 2" IPS looped gas manifold with two (2) solenoid gas valves; 1" hot water manifold; 1" cold water manifold; 100 Amp 120-208 VAC/3 Ph/60 Hz main shunt trip connectors; equipment restraints; flexible drain connectors; and power interruption device. Excludes main shunt breaker.		
23 38 13 16-0058	EA	8' Long Utility Distribution System (UDS)	57,113.00	504.55
23 38 13 16-0059	EA	8'-6" Long Utility Distribution System (UDS)	58,801.78	516.83
23 38 13 16-0060	EA	9' Long Utility Distribution System (UDS)	60,472.25	528.85
23 38 13 16-0061	EA	9'-6" Long Utility Distribution System (UDS)	62,152.52	545.72
23 38 13 16-0062	EA	10' Long Utility Distribution System (UDS)	63,825.79	559.12
23 38 13 16-0063	EA	10'-6" Long Utility Distribution System (UDS)	65,482.52	573.25
23 38 13 16-0064	EA	11' Long Utility Distribution System (UDS)	67,166.44	583.05
23 38 13 16-0065	EA	11'-6" Long Utility Distribution System (UDS)	68,843.55	598.44
23 38 13 16-0066	EA	12' Long Utility Distribution System (UDS)	70,533.50	620.14
23 38 13 16-0067	EA	12'-6" Long Utility Distribution System (UDS)	72,238.99	649.65
23 38 13 16-0068	EA	13' Long Utility Distribution System (UDS)	73,923.64	668.75
23 38 13 16-0069	EA	13'-6" Long Utility Distribution System (UDS)	75,624.67	696.04
23 38 13 16-0070	EA	14' Long Utility Distribution System (UDS)	77,315.06	717.99
23 38 13 16-0071	EA	14'-6" Long Utility Distribution System (UDS)	79,008.32	741.44
23 38 13 16-0072	EA	15' Long Utility Distribution System (UDS)	80,704.75	766.49
23 38 13 16-0073	EA	15'-6" Long Utility Distribution System (UDS)	82,404.64	793.16
23 38 13 16-0074	EA	16' Long Utility Distribution System (UDS)	84,088.85	812.13
23 38 13 16-0075		**Stainless Steel Exhaust Hood Material** *(23 38 13 16)*		
		Note: Welded seams.		
23 38 13 16-0076	SF	16 Gauge, Type 304, Stainless Steel Exhaust Hood Material	53.61	17.91
		For Type 316 Stainless Steel, Add	*1.65*	
23 38 13 16-0077	SF	14 Gauge, Type 304, Stainless Steel Exhaust Hood Material	67.02	23.88
		For Type 316 Stainless Steel, Add	*2.06*	
23 38 13 16-0078	SF	12 Gauge, Type 304, Stainless Steel Exhaust Hood Material	93.08	32.24
		For Type 316 Stainless Steel, Add	*2.88*	
23 38 13 16-0079	SF	10 Gauge, Type 304, Stainless Steel Exhaust Hood Material	116.61	39.40
		For Type 316 Stainless Steel, Add	*3.70*	
23 38 13 16-0080		**Kitchen Exhaust Hood** *(23 38 13 16)*		
23 38 13 16-0081	EA	10' x 4', Type 1, Low Ceiling Sloped Front Commercial Kitchen Hood System With PSP Makeup Air (Halifax LPSHP1048) Note: Ductwork connections by others.	11,630.14	2,503.47
		For Type 316 Stainless Steel, Add	*662.32*	
23 38 13 16-0082	EA	8' x 4', Type 1, Commercial Kitchen Hood System With Short Cycle Makeup Air (Halifax SCHP848) Note: Ductwork connections by others.	10,628.76	2,002.77
		For Type 316 Stainless Steel, Add	*662.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 38 13 16-0083	EA	4' x 4', Type 1, Low Ceiling Sloped Front Commercial Kitchen Hood System (Halifax LEXHP448) Note: Ductwork connections by others.	5,776.72	1,001.39
		For Type 316 Stainless Steel, Add	*377.40*	
23 38 13 16-0084	EA	6' x 4', Type 1, Low Ceiling Sloped Front Commercial Kitchen Hood System (Halifax LEXHP648) Note: Ductwork connections by others.	7,424.88	1,502.08
		For Type 316 Stainless Steel, Add	*442.07*	
23 38 13 16-0085	EA	5' x 4', Type 1, Commercial Kitchen Hood System (Halifax EXHP548) Note: Ductwork connections by others.	6,696.95	1,251.74
		For Type 316 Stainless Steel, Add	*419.35*	

23 40 HVAC Air Cleaning Devices *(23)*

23 41 Particulate Air Filtration *(23 40)*

23 41 13 Panel Air Filters *(23 41)*

23 41 13 00-0001 Disposable Air Filters *(23 41 13)*

23 41 13 00-0002	EA	Throwaway Glass Or Paper Media Filter, Residential	14.42	

23 41 13 00-0003 Disposable Fiberglass Air Filters *(23 41 13)*

23 41 13 00-0004	EA	8" x 16" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.54	6.53
23 41 13 00-0005	EA	8" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.54	6.53
23 41 13 00-0006	EA	8" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.24	6.53
23 41 13 00-0007	EA	10" x 10" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.16	6.83
23 41 13 00-0008	EA	10" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.16	6.83
23 41 13 00-0009	EA	10" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.16	6.83
23 41 13 00-0010	EA	10" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.16	6.83
23 41 13 00-0011	EA	10" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.40	6.83
23 41 13 00-0012	EA	12" x 12" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.96	7.13
23 41 13 00-0013	EA	12" x 16" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.94	7.13
23 41 13 00-0014	EA	12" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.26	7.13
23 41 13 00-0015	EA	12" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.26	7.13
23 41 13 00-0016	EA	12" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.26	7.13
23 41 13 00-0017	EA	12" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.91	7.13
23 41 13 00-0018	EA	12" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	19.95	7.13
23 41 13 00-0019	EA	14" x 14" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.10	7.54
23 41 13 00-0020	EA	14" x 18" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	18.64	7.54
23 41 13 00-0021	EA	14" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.12	7.54
23 41 13 00-0022	EA	14" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.10	7.54
23 41 13 00-0023	EA	14" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.12	7.54
23 41 13 00-0024	EA	14" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	17.02	7.54
23 41 13 00-0025	EA	15" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.31	7.75
23 41 13 00-0026	EA	15" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.31	7.75
23 41 13 00-0027	EA	15" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	19.75	7.75
23 41 13 00-0028	EA	16" x 16" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.48	7.85
23 41 13 00-0029	EA	16" x 18" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	17.13	7.85
23 41 13 00-0030	EA	16" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.53	7.85
23 41 13 00-0031	EA	16" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.51	7.85
23 41 13 00-0032	EA	16" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.90	7.85
23 41 13 00-0033	EA	16" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	19.90	7.85
23 41 13 00-0034	EA	16" x 32" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	23.59	7.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 13 00-0035	EA	16" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	23.29	7.85
23 41 13 00-0036	EA	18" x 18" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.91	8.16
23 41 13 00-0037	EA	18" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.53	8.16
23 41 13 00-0038	EA	18" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.91	8.16
23 41 13 00-0039	EA	18" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	18.19	8.16
23 41 13 00-0040	EA	18" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	20.06	8.16
23 41 13 00-0041	EA	18" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	22.21	8.16
23 41 13 00-0042	EA	19" x 27" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	18.81	8.56
23 41 13 00-0043	EA	20" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.83	8.56
23 41 13 00-0044	EA	20" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	19.20	8.56
23 41 13 00-0045	EA	20" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	18.40	8.56
23 41 13 00-0046	EA	20" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	20.00	8.56
23 41 13 00-0047	EA	20" x 32" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	24.54	8.56
23 41 13 00-0048	EA	20" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	22.15	8.56
23 41 13 00-0049	EA	21" x 21" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	20.18	8.66
23 41 13 00-0050	EA	22" x 22" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	19.33	8.77
23 41 13 00-0051	EA	24" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	19.47	8.87
23 41 13 00-0052	EA	24" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	20.12	8.87
23 41 13 00-0053	EA	24" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	26.75	8.87
23 41 13 00-0054	EA	25" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	19.60	8.97
23 41 13 00-0055	EA	25" x 32" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	27.27	8.97
23 41 13 00-0056	EA	10" x 10" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.17	6.83
23 41 13 00-0057	EA	10" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.07	6.83
23 41 13 00-0058	EA	12" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	17.54	7.13
23 41 13 00-0059	EA	14" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	18.08	7.54
23 41 13 00-0060	EA	14" x 25" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	18.08	7.54
23 41 13 00-0061	EA	15" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	18.46	7.75
23 41 13 00-0062	EA	16" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	18.36	7.85
23 41 13 00-0063	EA	16" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	18.19	7.85
23 41 13 00-0064	EA	16" x 25" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	18.60	7.85
23 41 13 00-0065	EA	18" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	19.71	8.16
23 41 13 00-0066	EA	20" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	20.37	8.56
23 41 13 00-0067	EA	20" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	20.09	8.56
23 41 13 00-0068	EA	20" x 25" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	20.09	8.56
23 41 13 00-0069	EA	24" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	20.79	8.87
23 41 13 00-0070	EA	25" x 25" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	20.92	8.97
23 41 13 00-0071		**Disposable Pleated Air Filters** *(23 41 13)*		
23 41 13 00-0072	EA	10" x 20" x 1" Disposable Pleated Air Filter, MERV 8	15.28	6.83
23 41 13 00-0073	EA	10" x 24" x 1" Disposable Pleated Air Filter, MERV 8	22.57	6.83
23 41 13 00-0074	EA	10" x 30" x 1" Disposable Pleated Air Filter, MERV 8	28.33	6.83
23 41 13 00-0075	EA	12" x 12" x 1" Disposable Pleated Air Filter, MERV 8	19.63	7.13
23 41 13 00-0076	EA	12" x 20" x 1" Disposable Pleated Air Filter, MERV 8	18.27	7.13
23 41 13 00-0077	EA	12" x 24" x 1" Disposable Pleated Air Filter, MERV 8	18.06	7.13
23 41 13 00-0078	EA	12" x 25" x 1" Disposable Pleated Air Filter, MERV 8	18.06	7.13
23 41 13 00-0079	EA	12" x 30" x 1" Disposable Pleated Air Filter, MERV 8	28.75	7.13
23 41 13 00-0080	EA	14" x 14" x 1" Disposable Pleated Air Filter, MERV 8	22.19	7.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 13 00-0081	EA	14" x 20" x 1" Disposable Pleated Air Filter, MERV 8	18.81	7.54
23 41 13 00-0082	EA	14" x 24" x 1" Disposable Pleated Air Filter, MERV 8	23.92	7.54
23 41 13 00-0083	EA	14" x 25" x 1" Disposable Pleated Air Filter, MERV 8	19.43	7.54
23 41 13 00-0084	EA	14" x 30" x 1" Disposable Pleated Air Filter, MERV 8	27.75	7.54
23 41 13 00-0085	EA	15" x 20" x 1" Disposable Pleated Air Filter, MERV 8	19.21	7.75
23 41 13 00-0086	EA	16" x 16" x 1" Disposable Pleated Air Filter, MERV 8	22.60	7.85
23 41 13 00-0087	EA	16" x 20" x 1" Disposable Pleated Air Filter, MERV 8	18.94	7.85
23 41 13 00-0088	EA	16" x 24" x 1" Disposable Pleated Air Filter, MERV 8	22.02	7.85
23 41 13 00-0089	EA	16" x 25" x 1" Disposable Pleated Air Filter, MERV 8	19.63	7.85
23 41 13 00-0090	EA	16" x 30" x 1" Disposable Pleated Air Filter, MERV 8	28.16	7.85
23 41 13 00-0091	EA	18" x 18" x 1" Disposable Pleated Air Filter, MERV 8	30.10	8.16
23 41 13 00-0092	EA	18" x 20" x 1" Disposable Pleated Air Filter, MERV 8	22.38	8.16
23 41 13 00-0093	EA	18" x 24" x 1" Disposable Pleated Air Filter, MERV 8	22.00	8.16
23 41 13 00-0094	EA	18" x 25" x 1" Disposable Pleated Air Filter, MERV 8	21.73	8.16
23 41 13 00-0095	EA	18" x 30" x 1" Disposable Pleated Air Filter, MERV 8	30.28	8.16
23 41 13 00-0096	EA	20" x 20" x 1" Disposable Pleated Air Filter, MERV 8	20.70	8.56
23 41 13 00-0097	EA	20" x 24" x 1" Disposable Pleated Air Filter, MERV 8	22.09	8.56
23 41 13 00-0098	EA	20" x 25" x 1" Disposable Pleated Air Filter, MERV 8	21.85	8.56
23 41 13 00-0099	EA	20" x 30" x 1" Disposable Pleated Air Filter, MERV 8	24.65	8.56
23 41 13 00-0100	EA	22" x 22" x 1" Disposable Pleated Air Filter, MERV 8	29.89	8.77
23 41 13 00-0101	EA	24" x 24" x 1" Disposable Pleated Air Filter, MERV 8	23.52	8.87
23 41 13 00-0102	EA	24" x 30" x 1" Disposable Pleated Air Filter, MERV 8	36.76	8.87
23 41 13 00-0103	EA	25" x 25" x 1" Disposable Pleated Air Filter, MERV 8	24.87	8.97
23 41 13 00-0104	EA	10" x 20" x 2" Disposable Pleated Air Filter, MERV 8	17.99	6.83
23 41 13 00-0105	EA	12" x 12" x 2" Disposable Pleated Air Filter, MERV 8	23.42	7.13
23 41 13 00-0106	EA	12" x 20" x 2" Disposable Pleated Air Filter, MERV 8	18.87	7.13
23 41 13 00-0107	EA	12" x 24" x 2" Disposable Pleated Air Filter, MERV 8	18.58	7.13
23 41 13 00-0108	EA	14" x 20" x 2" Disposable Pleated Air Filter, MERV 8	19.65	7.54
23 41 13 00-0109	EA	14" x 25" x 2" Disposable Pleated Air Filter, MERV 8	20.49	7.54
23 41 13 00-0110	EA	15" x 20" x 2" Disposable Pleated Air Filter, MERV 8	19.92	7.75
23 41 13 00-0111	EA	16" x 16" x 2" Disposable Pleated Air Filter, MERV 8	24.96	7.85
23 41 13 00-0112	EA	16" x 20" x 2" Disposable Pleated Air Filter, MERV 8	19.53	7.85
23 41 13 00-0113	EA	16" x 24" x 2" Disposable Pleated Air Filter, MERV 8	22.23	7.85
23 41 13 00-0114	EA	16" x 25" x 2" Disposable Pleated Air Filter, MERV 8	20.62	7.85
23 41 13 00-0115	EA	18" x 18" x 2" Disposable Pleated Air Filter, MERV 8	28.77	8.16
23 41 13 00-0116	EA	18" x 20" x 2" Disposable Pleated Air Filter, MERV 8	24.60	8.16
23 41 13 00-0117	EA	18" x 24" x 2" Disposable Pleated Air Filter, MERV 8	22.38	8.16
23 41 13 00-0118	EA	18" x 25" x 2" Disposable Pleated Air Filter, MERV 8	23.23	8.16
23 41 13 00-0119	EA	20" x 20" x 2" Disposable Pleated Air Filter, MERV 8	21.78	8.56
23 41 13 00-0120	EA	20" x 24" x 2" Disposable Pleated Air Filter, MERV 8	23.32	8.56
23 41 13 00-0121	EA	20" x 25" x 2" Disposable Pleated Air Filter, MERV 8	23.06	8.56
23 41 13 00-0122	EA	20" x 30" x 2" Disposable Pleated Air Filter, MERV 8	33.11	8.56
23 41 13 00-0123	EA	24" x 24" x 2" Disposable Pleated Air Filter, MERV 8	24.71	8.87
23 41 13 00-0124	EA	25" x 25" x 2" Disposable Pleated Air Filter, MERV 8	27.26	8.97
23 41 13 00-0125	EA	12" x 24" x 4" Disposable Pleated Air Filter, MERV 8	28.32	7.13
23 41 13 00-0126	EA	16" x 20" x 4" Disposable Pleated Air Filter, MERV 8	30.62	7.85
23 41 13 00-0127	EA	16" x 25" x 4" Disposable Pleated Air Filter, MERV 8	32.71	7.85
23 41 13 00-0128	EA	18" x 24" x 4" Disposable Pleated Air Filter, MERV 8	35.26	8.16
23 41 13 00-0129	EA	20" x 20" x 4" Disposable Pleated Air Filter, MERV 8	33.55	8.56
23 41 13 00-0130	EA	20" x 24" x 4" Disposable Pleated Air Filter, MERV 8	36.47	8.56
23 41 13 00-0131	EA	20" x 25" x 4" Disposable Pleated Air Filter, MERV 8	36.74	8.56
23 41 13 00-0132	EA	24" x 24" x 4" Disposable Pleated Air Filter, MERV 8	40.09	8.87
23 41 13 00-0133	EA	10" x 20" x 1" Disposable Pleated Air Filter, MERV 11	25.77	6.83
23 41 13 00-0134	EA	10" x 24" x 1" Disposable Pleated Air Filter, MERV 11	25.77	6.83
23 41 13 00-0135	EA	10" x 30" x 1" Disposable Pleated Air Filter, MERV 11	33.33	6.83
23 41 13 00-0136	EA	12" x 12" x 1" Disposable Pleated Air Filter, MERV 11	27.32	7.13
23 41 13 00-0137	EA	12" x 20" x 1" Disposable Pleated Air Filter, MERV 11	26.64	7.13
23 41 13 00-0138	EA	12" x 24" x 1" Disposable Pleated Air Filter, MERV 11	26.53	7.13
23 41 13 00-0139	EA	12" x 30" x 1" Disposable Pleated Air Filter, MERV 11	37.80	7.13
23 41 13 00-0140	EA	14" x 14" x 1" Disposable Pleated Air Filter, MERV 11	31.01	7.54
23 41 13 00-0141	EA	14" x 20" x 1" Disposable Pleated Air Filter, MERV 11	27.35	7.54
23 41 13 00-0142	EA	14" x 24" x 1" Disposable Pleated Air Filter, MERV 11	35.23	7.54
23 41 13 00-0143	EA	14" x 25" x 1" Disposable Pleated Air Filter, MERV 11	34.46	7.54
23 41 13 00-0144	EA	14" x 30" x 1" Disposable Pleated Air Filter, MERV 11	40.40	7.54
23 41 13 00-0145	EA	15" x 20" x 1" Disposable Pleated Air Filter, MERV 11	26.28	7.75
23 41 13 00-0146	EA	16" x 16" x 1" Disposable Pleated Air Filter, MERV 11	37.09	7.85
23 41 13 00-0147	EA	16" x 20" x 1" Disposable Pleated Air Filter, MERV 11	24.58	7.85
23 41 13 00-0148	EA	16" x 24" x 1" Disposable Pleated Air Filter, MERV 11	31.59	7.85
23 41 13 00-0149	EA	16" x 25" x 1" Disposable Pleated Air Filter, MERV 11	29.06	7.85
23 41 13 00-0150	EA	16" x 30" x 1" Disposable Pleated Air Filter, MERV 11	38.27	7.85
23 41 13 00-0151	EA	18" x 18" x 1" Disposable Pleated Air Filter, MERV 11	39.15	8.16
23 41 13 00-0152	EA	18" x 20" x 1" Disposable Pleated Air Filter, MERV 11	33.28	8.16
23 41 13 00-0153	EA	18" x 24" x 1" Disposable Pleated Air Filter, MERV 11	30.04	8.16
23 41 13 00-0154	EA	18" x 25" x 1" Disposable Pleated Air Filter, MERV 11	31.99	8.16
23 41 13 00-0155	EA	18" x 30" x 1" Disposable Pleated Air Filter, MERV 11	44.20	8.16
23 41 13 00-0156	EA	20" x 20" x 1" Disposable Pleated Air Filter, MERV 11	30.20	8.56
23 41 13 00-0157	EA	20" x 24" x 1" Disposable Pleated Air Filter, MERV 11	33.10	8.56
23 41 13 00-0158	EA	20" x 25" x 1" Disposable Pleated Air Filter, MERV 11	33.41	8.56
23 41 13 00-0159	EA	20" x 30" x 1" Disposable Pleated Air Filter, MERV 11	38.81	8.56
23 41 13 00-0160	EA	22" x 22" x 1" Disposable Pleated Air Filter, MERV 11	42.92	8.77
23 41 13 00-0161	EA	24" x 24" x 1" Disposable Pleated Air Filter, MERV 11	36.23	8.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 13 00-0162	EA	24" x 30" x 1" Disposable Pleated Air Filter, MERV 11	46.82	8.87
23 41 13 00-0163	EA	25" x 25" x 1" Disposable Pleated Air Filter, MERV 11	40.72	8.97
23 41 13 00-0164	EA	10" x 20" x 2" Disposable Pleated Air Filter, MERV 11	26.22	6.83
23 41 13 00-0165	EA	12" x 12" x 2" Disposable Pleated Air Filter, MERV 11	27.62	7.13
23 41 13 00-0166	EA	12" x 20" x 2" Disposable Pleated Air Filter, MERV 11	26.27	7.13
23 41 13 00-0167	EA	12" x 24" x 2" Disposable Pleated Air Filter, MERV 11	30.79	7.13
23 41 13 00-0168	EA	14" x 20" x 2" Disposable Pleated Air Filter, MERV 11	27.66	7.54
23 41 13 00-0169	EA	14" x 25" x 2" Disposable Pleated Air Filter, MERV 11	28.96	7.54
23 41 13 00-0170	EA	15" x 20" x 2" Disposable Pleated Air Filter, MERV 11	28.41	7.75
23 41 13 00-0171	EA	16" x 16" x 2" Disposable Pleated Air Filter, MERV 11	37.86	7.85
23 41 13 00-0172	EA	16" x 20" x 2" Disposable Pleated Air Filter, MERV 11	33.02	7.85
23 41 13 00-0173	EA	16" x 24" x 2" Disposable Pleated Air Filter, MERV 11	32.20	7.85
23 41 13 00-0174	EA	16" x 25" x 2" Disposable Pleated Air Filter, MERV 11	36.40	7.85
23 41 13 00-0175	EA	18" x 18" x 2" Disposable Pleated Air Filter, MERV 11	43.56	8.16
23 41 13 00-0176	EA	18" x 20" x 2" Disposable Pleated Air Filter, MERV 11	34.65	8.16
23 41 13 00-0177	EA	18" x 24" x 2" Disposable Pleated Air Filter, MERV 11	39.47	8.16
23 41 13 00-0178	EA	18" x 25" x 2" Disposable Pleated Air Filter, MERV 11	34.27	8.16
23 41 13 00-0179	EA	20" x 20" x 2" Disposable Pleated Air Filter, MERV 11	37.97	8.56
23 41 13 00-0180	EA	20" x 24" x 2" Disposable Pleated Air Filter, MERV 11	40.66	8.56
23 41 13 00-0181	EA	20" x 25" x 2" Disposable Pleated Air Filter, MERV 11	41.06	8.56
23 41 13 00-0182	EA	24" x 24" x 2" Disposable Pleated Air Filter, MERV 11	41.07	8.87
23 41 13 00-0183	EA	25" x 25" x 2" Disposable Pleated Air Filter, MERV 11	41.60	8.97
23 41 13 00-0184	EA	12" x 24" x 4" Disposable Pleated Air Filter, MERV 11	49.76	7.13
23 41 13 00-0185	EA	16" x 20" x 4" Disposable Pleated Air Filter, MERV 11	51.01	7.85
23 41 13 00-0186	EA	16" x 25" x 4" Disposable Pleated Air Filter, MERV 11	60.64	7.85
23 41 13 00-0187	EA	18" x 24" x 4" Disposable Pleated Air Filter, MERV 11	60.57	8.16
23 41 13 00-0188	EA	20" x 20" x 4" Disposable Pleated Air Filter, MERV 11	60.37	8.56
23 41 13 00-0189	EA	20" x 24" x 4" Disposable Pleated Air Filter, MERV 11	66.42	8.56
23 41 13 00-0190	EA	20" x 25" x 4" Disposable Pleated Air Filter, MERV 11	66.42	8.56
23 41 13 00-0191	EA	24" x 24" x 4" Disposable Pleated Air Filter, MERV 11	74.08	8.87
23 41 13 00-0192	EA	8" x 16" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.74	6.53
23 41 13 00-0193	EA	8" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.74	6.53
23 41 13 00-0194	EA	8" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.74	6.53
23 41 13 00-0195	EA	10" x 10" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.14	6.83
23 41 13 00-0196	EA	10" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	31.72	6.83
23 41 13 00-0197	EA	10" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.14	6.83
23 41 13 00-0198	EA	10" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.14	6.83
23 41 13 00-0199	EA	10" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.14	6.83
23 41 13 00-0200	EA	12" x 12" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.14	7.13
23 41 13 00-0201	EA	12" x 16" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.56	7.13
23 41 13 00-0202	EA	12" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.14	7.13
23 41 13 00-0203	EA	12" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.14	7.13
23 41 13 00-0204	EA	12" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.56	7.13
23 41 13 00-0205	EA	12" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.56	7.13
23 41 13 00-0206	EA	12" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.97	7.13
23 41 13 00-0207	EA	14" x 14" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.68	7.54
23 41 13 00-0208	EA	14" x 18" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.10	7.54
23 41 13 00-0209	EA	14" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.68	7.54
23 41 13 00-0210	EA	14" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.68	7.54
23 41 13 00-0211	EA	14" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.68	7.54
23 41 13 00-0212	EA	14" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.10	7.54
23 41 13 00-0213	EA	15" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.95	7.75
23 41 13 00-0214	EA	15" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.37	7.75
23 41 13 00-0215	EA	15" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.37	7.75
23 41 13 00-0216	EA	16" x 16" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.09	7.85
23 41 13 00-0217	EA	16" x 18" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.51	7.85
23 41 13 00-0218	EA	16" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.09	7.85
23 41 13 00-0219	EA	16" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.09	7.85
23 41 13 00-0220	EA	16" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.09	7.85
23 41 13 00-0221	EA	16" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.51	7.85
23 41 13 00-0222	EA	16" x 32" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.51	7.85
23 41 13 00-0223	EA	16" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	39.10	7.85
23 41 13 00-0224	EA	18" x 18" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.49	8.16
23 41 13 00-0225	EA	18" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	36.32	8.16
23 41 13 00-0226	EA	18" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.49	8.16
23 41 13 00-0227	EA	18" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	36.32	8.16
23 41 13 00-0228	EA	18" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	36.32	8.16
23 41 13 00-0229	EA	18" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	39.50	8.16
23 41 13 00-0230	EA	19" x 27" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	36.87	8.56
23 41 13 00-0231	EA	20" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.04	8.56
23 41 13 00-0232	EA	20" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.04	8.56
23 41 13 00-0233	EA	20" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.04	8.56
23 41 13 00-0234	EA	20" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	35.46	8.56
23 41 13 00-0235	EA	20" x 32" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	40.05	8.56
23 41 13 00-0236	EA	20" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	40.05	8.56
23 41 13 00-0237	EA	21" x 21" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	37.01	8.66
23 41 13 00-0238	EA	22" x 22" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	35.73	8.77
23 41 13 00-0239	EA	24" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	38.69	8.87
23 41 13 00-0240	EA	24" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	38.69	8.87
23 41 13 00-0241	EA	24" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	43.29	8.87
23 41 13 00-0242	EA	25" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	38.82	8.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 13 00-0243	EA	25" x 32" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	43.42	8.97
23 41 13 00-0244	EA	30" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	43.69	9.17

23 41 13 00-0245 Carbon Vapor Trap, Disposable V-Bank Filter *(23 41 13)*

23 41 13 00-0246	EA	24" x 24" x 12" Thick Carbon Vapor, Disposable V-Bank Filter	997.02	20.39

23 41 13 00-0247 Electrostatic Air Filters With Frame, Element And Busbar *(23 41 13)*

23 41 13 00-0248	MF3	Electrostatic Air Filter, High Efficiency Non-Supported With Frame, Element And Busbar	73.59	
23 41 13 00-0249	MF3	Electrostatic Air Filter, Medium Efficiency Non-Supported With Frame, Element And Busbar	71.07	
23 41 13 00-0250	MF3	Electrostatic Air Filter, Glass/Paper Throwaway With Frame, Element And Busbar	3.07	

23 41 16 Renewable-Media Air Filters *(23 41)*

23 41 16 00-0001 Renewable-Media Electrostatic Air Filters With Frame, Element And Busbar *(23 41 16)*

23 41 16 00-0002	MF3	Electrostatic Air Filter, 5' Disposable Roll Renewable With Frame, Element And Busbar	126.64	

23 41 19 Washable Air Filters *(23 41)*

23 41 19 00-0001 Washable Electrostatic Air Filters With Frame, Element And Busbar *(23 41 19)*

23 41 19 00-0002	MF3	Electrostatic Air Filter, Permanent, Washable With Frame, Element And Busbar	48.35	

23 41 33 High-Efficiency Particulate Filtration *(23 41)*

23 41 33 00-0001 High Efficiency Particulate Air (HEPA) Filters *(23 41 33)*

Note: Includes particleboard and kraft paper frame and separator material.

23 41 33 00-0002 High Efficiency Particulate Air (HEPA) Filters DOP Efficiency-95% *(23 41 33 00-0001)*

23 41 33 00-0003	EA	12" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 150 CFM, Complete	133.96	19.03
		For Removal And Replacement In Existing Equipment, Add	*3.81*	
		For >10 To 25, Deduct	*-3.35*	
		For >25 To 50, Deduct	*-6.70*	
		For >50 To 100, Deduct	*-10.05*	
		For >100, Deduct	*-13.40*	
23 41 33 00-0004	EA	24" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 375 CFM, Complete	177.36	21.75
		For Removal And Replacement In Existing Equipment, Add	*4.35*	
		For >10 To 25, Deduct	*-4.43*	
		For >25 To 50, Deduct	*-8.87*	
		For >50 To 100, Deduct	*-13.30*	
		For >100, Deduct	*-17.74*	
23 41 33 00-0005	EA	24" x 18" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 450 CFM, Complete	207.52	25.15
		For Removal And Replacement In Existing Equipment, Add	*5.03*	
		For >10 To 25, Deduct	*-5.19*	
		For >25 To 50, Deduct	*-10.38*	
		For >50 To 100, Deduct	*-15.56*	
		For >100, Deduct	*-20.75*	
23 41 33 00-0006	EA	24" x 24" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 700 CFM, Complete	237.70	28.55
		For Removal And Replacement In Existing Equipment, Add	*5.71*	
		For >10 To 25, Deduct	*-5.94*	
		For >25 To 50, Deduct	*-11.89*	
		For >50 To 100, Deduct	*-17.83*	
		For >100, Deduct	*-23.77*	
23 41 33 00-0007	EA	12" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 250 CFM, Complete	162.63	20.39
		For Removal And Replacement In Existing Equipment, Add	*4.08*	
		For >10 To 25, Deduct	*-4.07*	
		For >25 To 50, Deduct	*-8.13*	
		For >50 To 100, Deduct	*-12.20*	
		For >100, Deduct	*-16.26*	
23 41 33 00-0008	EA	24" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 500 CFM, Complete	217.64	23.79
		For Removal And Replacement In Existing Equipment, Add	*4.76*	
		For >10 To 25, Deduct	*-5.44*	
		For >25 To 50, Deduct	*-10.88*	
		For >50 To 100, Deduct	*-16.32*	
		For >100, Deduct	*-21.76*	
23 41 33 00-0009	EA	24" x 18" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 875 CFM, Complete	259.88	27.19
		For Removal And Replacement In Existing Equipment, Add	*5.44*	
		For >10 To 25, Deduct	*-6.50*	
		For >25 To 50, Deduct	*-12.99*	
		For >50 To 100, Deduct	*-19.49*	
		For >100, Deduct	*-25.99*	
23 41 33 00-0010	EA	24" x 24" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 1,000 CFM, Complete	308.93	33.98
		For Removal And Replacement In Existing Equipment, Add	*6.80*	
		For >10 To 25, Deduct	*-7.72*	
		For >25 To 50, Deduct	*-15.45*	
		For >50 To 100, Deduct	*-23.17*	
		For >100, Deduct	*-30.89*	

23 41 33 00-0011 High Efficiency Particulate Air (HEPA) Filters DOP Efficiency-99.99% *(23 41 33 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 33 00-0012	EA	12" x 12" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	114.91	16.99
		For Removal And Replacement In Existing Equipment, Add	*3.40*	
		For >10 To 25, Deduct	*-2.87*	
		For >25 To 50, Deduct	*-5.75*	
		For >50 To 100, Deduct	*-8.62*	
		For >100, Deduct	*-11.49*	
23 41 33 00-0013	EA	24" x 12" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	158.39	20.39
		For Removal And Replacement In Existing Equipment, Add	*4.08*	
		For >10 To 25, Deduct	*-3.96*	
		For >25 To 50, Deduct	*-7.92*	
		For >50 To 100, Deduct	*-11.88*	
		For >100, Deduct	*-15.84*	
23 41 33 00-0014	EA	24" x 24" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	240.82	23.79
		For Removal And Replacement In Existing Equipment, Add	*4.76*	
		For >10 To 25, Deduct	*-6.02*	
		For >25 To 50, Deduct	*-12.04*	
		For >50 To 100, Deduct	*-18.06*	
		For >100, Deduct	*-24.08*	
23 41 33 00-0015	EA	36" x 24" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	308.90	27.19
		For Removal And Replacement In Existing Equipment, Add	*5.44*	
		For >10 To 25, Deduct	*-7.72*	
		For >25 To 50, Deduct	*-15.45*	
		For >50 To 100, Deduct	*-23.17*	
		For >100, Deduct	*-30.89*	
23 41 33 00-0016	EA	8" x 8" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	108.05	13.59
		For Removal And Replacement In Existing Equipment, Add	*2.72*	
		For >10 To 25, Deduct	*-2.70*	
		For >25 To 50, Deduct	*-5.40*	
		For >50 To 100, Deduct	*-8.10*	
		For >100, Deduct	*-10.81*	
23 41 33 00-0017	EA	12" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 150 CFM, Complete	143.27	18.35
		For Removal And Replacement In Existing Equipment, Add	*3.67*	
		For >10 To 25, Deduct	*-3.58*	
		For >25 To 50, Deduct	*-7.16*	
		For >50 To 100, Deduct	*-10.75*	
		For >100, Deduct	*-14.33*	
23 41 33 00-0018	EA	24" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 325 CFM, Complete	192.23	21.75
		For Removal And Replacement In Existing Equipment, Add	*4.35*	
		For >10 To 25, Deduct	*-4.81*	
		For >25 To 50, Deduct	*-9.61*	
		For >50 To 100, Deduct	*-14.42*	
		For >100, Deduct	*-19.22*	
23 41 33 00-0019	EA	24" x 18" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 550 CFM, Complete	225.67	25.49
		For Removal And Replacement In Existing Equipment, Add	*5.10*	
		For >10 To 25, Deduct	*-5.64*	
		For >25 To 50, Deduct	*-11.28*	
		For >50 To 100, Deduct	*-16.93*	
		For >100, Deduct	*-22.57*	
23 41 33 00-0020	EA	24" x 24" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 775 CFM, Complete	257.76	28.55
		For Removal And Replacement In Existing Equipment, Add	*5.71*	
		For >10 To 25, Deduct	*-6.44*	
		For >25 To 50, Deduct	*-12.89*	
		For >50 To 100, Deduct	*-19.33*	
		For >100, Deduct	*-25.78*	
23 41 33 00-0021	EA	12" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 250 CFM, Complete	176.16	20.39
		For Removal And Replacement In Existing Equipment, Add	*4.08*	
		For >10 To 25, Deduct	*-4.40*	
		For >25 To 50, Deduct	*-8.81*	
		For >50 To 100, Deduct	*-13.21*	
		For >100, Deduct	*-17.62*	
23 41 33 00-0022	EA	24" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 500 CFM, Complete	236.55	23.79
		For Removal And Replacement In Existing Equipment, Add	*4.76*	
		For >10 To 25, Deduct	*-5.91*	
		For >25 To 50, Deduct	*-11.83*	
		For >50 To 100, Deduct	*-17.74*	
		For >100, Deduct	*-23.66*	
23 41 33 00-0023	EA	24" x 18" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 775 CFM, Complete	282.71	27.19
		For Removal And Replacement In Existing Equipment, Add	*5.44*	
		For >10 To 25, Deduct	*-7.07*	
		For >25 To 50, Deduct	*-14.14*	
		For >50 To 100, Deduct	*-21.20*	
		For >100, Deduct	*-28.27*	
23 41 33 00-0024	EA	24" x 24" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 1,100 CFM, Complete	348.43	33.98
		For Removal And Replacement In Existing Equipment, Add	*6.80*	
		For >10 To 25, Deduct	*-8.71*	
		For >25 To 50, Deduct	*-17.42*	
		For >50 To 100, Deduct	*-26.13*	
		For >100, Deduct	*-34.84*	

23 41 33 00-0025 High Efficiency Particulate Air (HEPA) Filter Housings, 14 Gauge Galvanized Sheet Metal *(23 41 33)*

Note: Nominal sizes.

23 41 33 00-0026	EA	12" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	338.98	101.39
23 41 33 00-0027	EA	24" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	634.80	201.53
23 41 33 00-0028	EA	24" x 18" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	644.04	201.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 33 00-0029	EA	24" x 24" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	650.21	201.53
23 41 33 00-0030	EA	24" x 48" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	693.36	201.53
23 41 33 00-0031	EA	24" x 72" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	747.29	201.53
23 41 33 00-0032	EA	48" x 48" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,232.61	404.31
23 41 33 00-0033	EA	48" x 72" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,363.61	404.31
23 41 33 00-0034	EA	48" x 96" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,530.04	404.31
23 41 33 00-0035	EA	12" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	365.18	101.39
23 41 33 00-0036	EA	24" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	679.49	201.53
23 41 33 00-0037	EA	24" x 18" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	690.27	201.53
23 41 33 00-0038	EA	24" x 24" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	697.98	201.53
23 41 33 00-0039	EA	24" x 48" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	748.84	201.53
23 41 33 00-0040	EA	24" x 72" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	816.64	201.53
23 41 33 00-0041	EA	48" x 48" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,340.49	404.31
23 41 33 00-0042	EA	48" x 72" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,503.85	404.31
23 41 33 00-0043	EA	48" x 96" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,710.35	404.31
23 41 33 00-0044		Filter, Bag Type, 90-95% Efficiency *(23 41 33)*		
23 41 33 00-0045	EA	0.75 - 1.25 MCFM, 24" x 12" x 29" Filter, Bag Type, 90 - 95% Efficiency	308.82	131.43
23 41 33 00-0046	EA	1.5 - 2.5 MCFM, 24" x 24" x 29" Filter, Bag Type, 90 - 95% Efficiency	351.95	131.43
23 41 33 00-0047		Filter, Bag Type, 80-85% Efficiency *(23 41 33)*		
23 41 33 00-0048	EA	0.75 - 1.25 MCFM, 24" x 12" x 29" Filter, Bag Type, 80 - 85% Efficiency	303.87	131.43
23 41 33 00-0049	EA	1.5 - 2.5 MCFM, 24" x 24" x 29" Filter, Bag Type, 80 - 85% Efficiency	335.69	131.43

23 42 Gas-Phase Air Filtration *(23 40)*

23 42 13 Activated-Carbon Air Filtration *(23 42)*

23 42 13 00-0001	EA	12" x 24" x 1" Thick Activated Carbon Honeycomb Disposable Filter	48.29	10.19
23 42 13 00-0002	EA	16" x 20" x 1" Thick Activated Carbon Honeycomb Disposable Filter	48.82	10.19
23 42 13 00-0003	EA	16" x 25" x 1" Thick Activated Carbon Honeycomb Disposable Filter	49.15	10.19
23 42 13 00-0004	EA	20" x 20" x 1" Thick Activated Carbon Honeycomb Disposable Filter	49.15	10.19
23 42 13 00-0005	EA	20" x 25" x 1" Thick Activated Carbon Honeycomb Disposable Filter	53.19	10.19
23 42 13 00-0006	EA	24" x 24" x 1" Thick Activated Carbon Honeycomb Disposable Filter	59.84	10.19
23 42 13 00-0007	EA	12" x 24" x 2" Thick Activated Carbon Honeycomb Disposable Filter	60.86	11.56
23 42 13 00-0008	EA	16" x 20" x 2" Thick Activated Carbon Honeycomb Disposable Filter	61.32	11.56
23 42 13 00-0009	EA	16" x 25" x 2" Thick Activated Carbon Honeycomb Disposable Filter	61.70	11.56
23 42 13 00-0010	EA	20" x 20" x 2" Thick Activated Carbon Honeycomb Disposable Filter	61.70	11.56
23 42 13 00-0011	EA	20" x 25" x 2" Thick Activated Carbon Honeycomb Disposable Filter	66.17	11.56
23 42 13 00-0012	EA	24" x 24" x 2" Thick Activated Carbon Honeycomb Disposable Filter	78.62	11.56
23 42 13 00-0013	EA	16" x 20" x 1" Thick Carbon Impregnated Pleated Air Filter	29.79	10.19
23 42 13 00-0014	EA	16" x 25" x 1" Thick Carbon Impregnated Pleated Air Filter	31.72	10.19
23 42 13 00-0015	EA	20" x 20" x 1" Thick Carbon Impregnated Pleated Air Filter	31.79	10.19
23 42 13 00-0016	EA	20" x 25" x 1" Thick Carbon Impregnated Pleated Air Filter	34.30	10.19
23 42 13 00-0017	EA	24" x 24" x 1" Thick Carbon Impregnated Pleated Air Filter	36.54	10.19
23 42 13 00-0018	EA	16" x 20" x 2" Thick Carbon Impregnated Pleated Air Filter	34.48	11.56
23 42 13 00-0019	EA	16" x 25" x 2" Thick Carbon Impregnated Pleated Air Filter	37.83	11.56
23 42 13 00-0020	EA	20" x 20" x 2" Thick Carbon Impregnated Pleated Air Filter	38.54	11.56
23 42 13 00-0021	EA	20" x 25" x 2" Thick Carbon Impregnated Pleated Air Filter	42.70	11.56
23 42 13 00-0022	EA	24" x 24" x 2" Thick Carbon Impregnated Pleated Air Filter	45.34	11.56
23 42 13 00-0023	EA	24" x 24" x 4" Thick Carbon Impregnated Pleated Air Filter	74.04	12.23

23 43 Electronic Air Cleaners *(23 40)*

23 43 23 Self-Contained Electronic Air Cleaners *(23 43)*

23 43 23 00-0001		Stationary Floor, Room Air Purifier *(23 43 23)*		
23 43 23 00-0002	EA	Stationary Floor Room Air Purifier, Up to 390 SF (Blueair Pro M)	1,196.33	
23 43 23 00-0003	EA	Stationary Floor Room Air Purifier, Up to 780 SF (Blueair Pro L)	1,664.41	
23 43 23 00-0004	EA	Stationary Floor Room Air Purifier, Up to 1,180 SF (Blueair Pro XL)	4,205.39	
23 43 23 00-0005	EA	Stationary Floor Room Air Purifier, Up to 550 SF (Delos Compact)	943.92	
23 43 23 00-0006	EA	Stationary Floor Room Air Purifier, Up to 1,125 SF (Delos 468 Ultrafine)	1,696.19	
23 43 23 00-0007	EA	Stationary Floor Room Air Purifier, Up to 3,500 SF (Delos 980P Commercial)	6,711.29	
23 43 23 00-0008		Surface Mounted, Room Air Purifier *(23 43 23)*		
23 43 23 00-0009	EA	Ceiling Mount Media Air Cleaner With 99.97% HEPA Filters (Honeywell F114A1067)	3,070.35	
23 43 23 00-0010	EA	Ceiling Mount Media Air Cleaner With 99.97% HEPA Filters (Honeywell F115A1064)	4,279.74	
23 43 23 00-0011	EA	Ceiling Mount Media Air Cleaner With 99.97% HEPA Filters (Honeywell F111A1063W-3S)	4,895.85	
23 43 23 00-0012		Suspension Ceiling Mounted, Room Air Purifier *(23 43 23)*		
23 43 23 00-0013	EA	2' x 4' Suspension Ceiling Mounted, Air Purification System (Armstrong VidaShield UV24)	3,969.60	
23 43 23 00-0014		Wall Mounted, Room Air Purifier *(23 43 23)*		
23 43 23 00-0015	EA	Air Purifier, Wall Mount, Bipolar Ionizer (Bi-Polar 2400)	998.00	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 50 Central Heating Equipment *(23)*

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0110 for terminations, 26 28 16 16-0001 for disconnect.

23 51 Breechings, Chimneys, and Stacks *(23 50)*

23 51 13 Draft Control Devices *(23 51)*

23 51 13 13 Draft-Induction Fans *(23 51 13)*

23 51 13 13-0001 Vertical Discharge Fans *(23 51 13 13)*
Note: Includes chimney adapter. Excludes wiring.

23 51 13 13-0002 Axial Vane Vertical Discharge Fans *(23 51 13 13-0001)*

23 51 13 13-0003	EA	450 CFM Vertical Discharge Chimney Fan, Axial Vane	3,957.91	275.38
23 51 13 13-0004	EA	950 CFM Vertical Discharge Chimney Fan, Axial Vane	4,488.95	300.42
23 51 13 13-0005	EA	1,400 CFM Vertical Discharge Chimney Fan, Axial Vane	5,393.22	331.71
23 51 13 13-0006	EA	1,800 CFM Vertical Discharge Chimney Fan, Axial Vane	7,056.36	384.91

23 51 13 13-0007 Centrifugal Impeller Vertical Discharge Fans *(23 51 13 13-0001)*

23 51 13 13-0008	EA	700 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller	4,762.94	300.42
23 51 13 13-0009	EA	1,100 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller	5,814.23	331.71
23 51 13 13-0010	EA	2,300 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller	7,557.03	388.04
23 51 13 13-0011	EA	3,000 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller	8,953.62	434.97

23 51 13 13-0012 Accessories For Vertical Discharge Fans *(23 51 13 13-0001)*

23 51 13 13-0013	EA	Modulating Fan Controller And Sensor	548.51	93.88

23 51 13 16 Vent Dampers *(23 51 13)*

23 51 13 16-0001 Flue Shutter Draft Control Damper, Parallel Blade *(23 51 13 16)*

23 51 13 16-0002	EA	3" Round Flue Shutter Draft Control Damper	1,122.98	55.58
23 51 13 16-0003	EA	4" Round Flue Shutter Draft Control Damper	1,232.32	58.96
23 51 13 16-0004	EA	5" Round Flue Shutter Draft Control Damper	1,361.79	62.58
23 51 13 16-0005	EA	6" Round Flue Shutter Draft Control Damper	1,454.98	66.74
23 51 13 16-0006	EA	7" Round Flue Shutter Draft Control Damper	1,589.24	71.50
23 51 13 16-0007	EA	8" Round Flue Shutter Draft Control Damper	1,687.75	76.98
23 51 13 16-0008	EA	10" Round Flue Shutter Draft Control Damper	1,866.83	83.47
23 51 13 16-0009	EA	12" Round Flue Shutter Draft Control Damper	2,050.23	91.02
23 51 13 16-0010	EA	14" Round Flue Shutter Draft Control Damper	2,298.35	95.44
23 51 13 16-0011	EA	16" Round Flue Shutter Draft Control Damper	2,470.27	100.14
23 51 13 16-0012	EA	18" Round Flue Shutter Draft Control Damper	2,701.07	105.15
23 51 13 16-0013	EA	20" Round Flue Shutter Draft Control Damper	3,176.15	166.48
23 51 13 16-0014	EA	22" Round Flue Shutter Draft Control Damper	3,485.82	176.81
23 51 13 16-0015	EA	24" Round Flue Shutter Draft Control Damper	3,779.05	187.76
23 51 13 16-0016	EA	26" Round Flue Shutter Draft Control Damper	3,842.01	194.02
23 51 13 16-0017	EA	28" Round Flue Shutter Draft Control Damper	3,962.95	200.28
23 51 13 16-0018	EA	30" Round Flue Shutter Draft Control Damper	4,070.56	212.80
23 51 13 16-0019	EA	32" Round Flue Shutter Draft Control Damper	4,249.19	218.91
23 51 13 16-0020	EA	34" Round Flue Shutter Draft Control Damper	4,432.85	231.43
23 51 13 16-0021	EA	36" Round Flue Shutter Draft Control Damper	4,642.37	250.35
23 51 13 16-0022	EA	38" Round Flue Shutter Draft Control Damper	4,879.04	258.94
23 51 13 16-0023	EA	40" Round Flue Shutter Draft Control Damper	5,099.01	262.87
23 51 13 16-0024	EA	42" Round Flue Shutter Draft Control Damper	5,349.63	275.38
23 51 13 16-0025	EA	44" Round Flue Shutter Draft Control Damper	5,601.73	287.90
23 51 13 16-0026	EA	46" Round Flue Shutter Draft Control Damper	5,854.54	300.42
23 51 13 16-0027	EA	48" Round Flue Shutter Draft Control Damper	6,106.26	312.93

23 51 13 19 Barometric Dampers *(23 51 13)*

23 51 13 19-0001 Barometric Dampers *(23 51 13 19)*

23 51 13 19-0002	EA	6" x 6" Barometric Damper	522.73	10.86
23 51 13 19-0003	EA	12" x 12" Barometric Damper	756.44	14.93
23 51 13 19-0004	EA	18" x 18" Barometric Damper	1,012.92	23.07
23 51 13 19-0005	EA	24" x 24" Barometric Damper	1,208.32	43.43
23 51 13 19-0006	EA	6" Diameter Barometric Damper	255.43	10.86
		For Stainless Steel, Add	*255.98*	
23 51 13 19-0007	EA	7" Diameter Barometric Damper	302.28	12.21
		For Stainless Steel, Add	*304.12*	
23 51 13 19-0008	EA	8" Diameter Barometric Damper	350.71	13.57
		For Stainless Steel, Add	*352.68*	
23 51 13 19-0009	EA	9" Diameter Barometric Damper	432.00	13.57
		For Stainless Steel, Add	*446.76*	
23 51 13 19-0010	EA	10" Diameter Barometric Damper	569.85	16.28
		For Stainless Steel, Add	*608.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 13 19-0011	EA	12" Diameter Barometric Damper	723.96	17.64
		For Stainless Steel, Add	*785.00*	
23 51 13 19-0012	EA	14" Diameter Barometric Damper	910.64	19.00
		For Stainless Steel, Add	*1,001.17*	
23 51 13 19-0013	EA	15" Diameter Barometric Damper	1,086.99	20.35
		For Stainless Steel, Add	*1,203.32*	
23 51 13 19-0014	EA	16" Diameter Barometric Damper	1,261.34	23.07
		For Stainless Steel, Add	*1,405.06*	
23 51 13 19-0015	EA	18" Diameter Barometric Damper	1,662.03	24.43
		For Stainless Steel, Add	*1,877.20*	
23 51 13 19-0016	EA	20" Diameter Barometric Damper	1,978.65	27.14
		For Stainless Steel, Add	*2,246.94*	
23 51 13 19-0017	EA	24" Diameter Barometric Damper	2,386.40	27.14
		For Stainless Steel, Add	*2,730.46*	
23 51 13 19-0018	EA	30" Diameter Barometric Damper	2,942.66	31.21
		For Stainless Steel, Add	*3,384.64*	
23 51 13 19-0019	EA	36" Diameter Barometric Damper	3,754.94	32.57
		For Stainless Steel, Add	*4,351.67*	

23 51 16 Fabricated Breechings and Accessories *(23 51)*

23 51 16 00-0001 Round Galvanized Double Wall Flue/Vent Pipe And Fittings *(23 51 16)*

23 51 16 00-0002 Round Galvanized Double Wall Flue/Vent Pipe *(23 51 16 00-0001)*

23 51 16 00-0003	LF	3" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness	35.12	11.14
		For Aluminum Liner, Add	*0.40*	
		For 304 Stainless Steel Liner, Add	*0.55*	
		For 2" Wall Instead Of 1", Add	*4.98*	
		For 3" To 4" Wall Instead Of 1", Add	*8.86*	
23 51 16 00-0004	LF	4" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness	37.69	11.77
		For Aluminum Liner, Add	*0.49*	
		For 304 Stainless Steel Liner, Add	*0.67*	
		For 2" Wall Instead Of 1", Add	*5.57*	
		For 3" To 4" Wall Instead Of 1", Add	*9.78*	
23 51 16 00-0005	LF	5" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness	41.62	12.52
		For Aluminum Liner, Add	*0.59*	
		For 304 Stainless Steel Liner, Add	*0.80*	
		For 2" Wall Instead Of 1", Add	*6.29*	
		For 3" To 4" Wall Instead Of 1", Add	*10.99*	
23 51 16 00-0006	LF	6" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness	45.37	13.40
		For Aluminum Liner, Add	*0.68*	
		For 304 Stainless Steel Liner, Add	*0.93*	
		For 2" Wall Instead Of 1", Add	*7.01*	
		For 3" To 4" Wall Instead Of 1", Add	*12.17*	
23 51 16 00-0007	LF	7" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	53.22	14.27
		For Aluminum Liner, Add	*1.00*	
		For 304 Stainless Steel Liner, Add	*1.37*	
		For 2" Wall Instead Of 1", Add	*8.97*	
		For 3" To 4" Wall Instead Of 1", Add	*15.20*	
23 51 16 00-0008	LF	8" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	59.15	15.40
		For Aluminum Liner, Add	*1.12*	
		For 304 Stainless Steel Liner, Add	*1.52*	
		For 2" Wall Instead Of 1", Add	*9.97*	
		For 3" To 4" Wall Instead Of 1", Add	*16.90*	
23 51 16 00-0009	LF	10" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	84.88	16.53
		For Aluminum Liner, Add	*2.36*	
		For 304 Stainless Steel Liner, Add	*3.21*	
		For 2" Wall Instead Of 1", Add	*17.06*	
		For 3" To 4" Wall Instead Of 1", Add	*27.69*	
23 51 16 00-0010	LF	12" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	103.06	18.28
		For Aluminum Liner, Add	*3.16*	
		For 304 Stainless Steel Liner, Add	*4.31*	
		For 2" Wall Instead Of 1", Add	*21.81*	
		For 3" To 4" Wall Instead Of 1", Add	*34.99*	
23 51 16 00-0011	LF	14" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	144.25	19.02
		For Aluminum Liner, Add	*5.31*	
		For 304 Stainless Steel Liner, Add	*7.24*	
		For 2" Wall Instead Of 1", Add	*33.74*	
		For 3" To 4" Wall Instead Of 1", Add	*52.99*	
23 51 16 00-0012	LF	16" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	180.04	20.03
		For Aluminum Liner, Add	*7.16*	
		For 304 Stainless Steel Liner, Add	*9.76*	
		For 2" Wall Instead Of 1", Add	*44.04*	
		For 3" To 4" Wall Instead Of 1", Add	*68.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0013	LF	18" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	221.29	21.03
		For Aluminum Liner, Add	*9.25*	
		For 304 Stainless Steel Liner, Add	*12.61*	
		For 2" Wall Instead Of 1", Add	*55.76*	
		For 3" To 4" Wall Instead Of 1", Add	*86.30*	
23 51 16 00-0014	LF	20" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	282.09	33.42
		For Aluminum Liner, Add	*10.98*	
		For 304 Stainless Steel Liner, Add	*14.97*	
		For 2" Wall Instead Of 1", Add	*68.14*	
		For 3" To 4" Wall Instead Of 1", Add	*106.33*	
23 51 16 00-0015	LF	22" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	340.79	35.30
		For Aluminum Liner, Add	*13.84*	
		For 304 Stainless Steel Liner, Add	*18.88*	
		For 2" Wall Instead Of 1", Add	*84.42*	
		For 3" To 4" Wall Instead Of 1", Add	*131.09*	
23 51 16 00-0016	LF	24" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	404.93	37.55
		For Aluminum Liner, Add	*17.07*	
		For 304 Stainless Steel Liner, Add	*23.27*	
		For 2" Wall Instead Of 1", Add	*102.55*	
		For 3" To 4" Wall Instead Of 1", Add	*158.56*	
23 51 16 00-0017		**90 Degree Elbows** *(23 51 16 00-0001)*		
23 51 16 00-0018	EA	3" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	88.80	22.28
		For Aluminum Liner, Add	*1.85*	
		For 304 Stainless Steel Liner, Add	*2.52*	
		For 2" Wall Instead Of 1", Add	*15.60*	
		For 3" To 4" Wall Instead Of 1", Add	*26.16*	
23 51 16 00-0019	EA	4" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	98.37	23.53
		For Aluminum Liner, Add	*2.18*	
		For 304 Stainless Steel Liner, Add	*2.98*	
		For 2" Wall Instead Of 1", Add	*17.77*	
		For 3" To 4" Wall Instead Of 1", Add	*29.59*	
23 51 16 00-0020	EA	5" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	109.68	25.03
		For Aluminum Liner, Add	*2.61*	
		For 304 Stainless Steel Liner, Add	*3.55*	
		For 2" Wall Instead Of 1", Add	*20.44*	
		For 3" To 4" Wall Instead Of 1", Add	*33.78*	
23 51 16 00-0021	EA	6" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	121.28	26.66
		For Aluminum Liner, Add	*3.03*	
		For 304 Stainless Steel Liner, Add	*4.13*	
		For 2" Wall Instead Of 1", Add	*23.14*	
		For 3" To 4" Wall Instead Of 1", Add	*38.02*	
23 51 16 00-0022	EA	7" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	144.59	28.54
		For Aluminum Liner, Add	*4.05*	
		For 304 Stainless Steel Liner, Add	*5.52*	
		For 2" Wall Instead Of 1", Add	*29.19*	
		For 3" To 4" Wall Instead Of 1", Add	*47.33*	
23 51 16 00-0023	EA	8" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	169.20	30.79
		For Aluminum Liner, Add	*5.07*	
		For 304 Stainless Steel Liner, Add	*6.92*	
		For 2" Wall Instead Of 1", Add	*35.36*	
		For 3" To 4" Wall Instead Of 1", Add	*56.90*	
23 51 16 00-0024	EA	10" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	295.81	33.42
		For Aluminum Liner, Add	*11.67*	
		For 304 Stainless Steel Liner, Add	*15.91*	
		For 2" Wall Instead Of 1", Add	*72.00*	
		For 3" To 4" Wall Instead Of 1", Add	*112.19*	
23 51 16 00-0025	EA	12" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	358.43	36.42
		For Aluminum Liner, Add	*14.71*	
		For 304 Stainless Steel Liner, Add	*20.06*	
		For 2" Wall Instead Of 1", Add	*89.33*	
		For 3" To 4" Wall Instead Of 1", Add	*138.55*	
23 51 16 00-0026	EA	14" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	465.17	38.18
		For Aluminum Liner, Add	*20.34*	
		For 304 Stainless Steel Liner, Add	*27.74*	
		For 2" Wall Instead Of 1", Add	*120.48*	
		For 3" To 4" Wall Instead Of 1", Add	*185.48*	
23 51 16 00-0027	EA	16" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	572.11	40.06
		For Aluminum Liner, Add	*25.97*	
		For 304 Stainless Steel Liner, Add	*35.41*	
		For 2" Wall Instead Of 1", Add	*151.65*	
		For 3" To 4" Wall Instead Of 1", Add	*232.46*	
23 51 16 00-0028	EA	18" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	739.98	42.18
		For Aluminum Liner, Add	*34.90*	
		For 304 Stainless Steel Liner, Add	*47.59*	
		For 2" Wall Instead Of 1", Add	*200.89*	
		For 3" To 4" Wall Instead Of 1", Add	*306.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0029	EA	20" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,043.07	66.72
		For Aluminum Liner, Add	*48.18*	
		For 304 Stainless Steel Liner, Add	*65.71*	
		For 2" Wall Instead Of 1", Add	*279.53*	
		For 3" To 4" Wall Instead Of 1", Add	*427.64*	
23 51 16 00-0030	EA	22" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,375.66	70.72
		For Aluminum Liner, Add	*65.94*	
		For 304 Stainless Steel Liner, Add	*89.91*	
		For 2" Wall Instead Of 1", Add	*377.34*	
		For 3" To 4" Wall Instead Of 1", Add	*574.85*	
23 51 16 00-0031	EA	24" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,552.80	75.10
		For Aluminum Liner, Add	*75.07*	
		For 304 Stainless Steel Liner, Add	*102.36*	
		For 2" Wall Instead Of 1", Add	*428.25*	
		For 3" To 4" Wall Instead Of 1", Add	*651.77*	

23 51 16 00-0032 45 Degree Elbows *(23 51 16 00-0001)*

23 51 16 00-0033	EA	3" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	74.95	22.28
		For Aluminum Liner, Add	*1.07*	
		For 304 Stainless Steel Liner, Add	*1.45*	
		For 2" Wall Instead Of 1", Add	*11.37*	
		For 3" To 4" Wall Instead Of 1", Add	*19.83*	
23 51 16 00-0034	EA	4" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	81.78	23.53
		For Aluminum Liner, Add	*1.26*	
		For 304 Stainless Steel Liner, Add	*1.71*	
		For 2" Wall Instead Of 1", Add	*12.74*	
		For 3" To 4" Wall Instead Of 1", Add	*22.06*	
23 51 16 00-0035	EA	5" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	89.46	25.03
		For Aluminum Liner, Add	*1.48*	
		For 304 Stainless Steel Liner, Add	*2.01*	
		For 2" Wall Instead Of 1", Add	*14.32*	
		For 3" To 4" Wall Instead Of 1", Add	*24.61*	
23 51 16 00-0036	EA	6" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	98.90	26.66
		For Aluminum Liner, Add	*1.77*	
		For 304 Stainless Steel Liner, Add	*2.41*	
		For 2" Wall Instead Of 1", Add	*16.32*	
		For 3" To 4" Wall Instead Of 1", Add	*27.82*	
23 51 16 00-0037	EA	7" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	117.61	28.54
		For Aluminum Liner, Add	*2.54*	
		For 304 Stainless Steel Liner, Add	*3.46*	
		For 2" Wall Instead Of 1", Add	*20.98*	
		For 3" To 4" Wall Instead Of 1", Add	*35.05*	
23 51 16 00-0038	EA	8" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	130.01	30.79
		For Aluminum Liner, Add	*2.92*	
		For 304 Stainless Steel Liner, Add	*3.98*	
		For 2" Wall Instead Of 1", Add	*23.61*	
		For 3" To 4" Wall Instead Of 1", Add	*39.26*	
23 51 16 00-0039	EA	10" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	216.05	33.42
		For Aluminum Liner, Add	*7.29*	
		For 304 Stainless Steel Liner, Add	*9.94*	
		For 2" Wall Instead Of 1", Add	*48.12*	
		For 3" To 4" Wall Instead Of 1", Add	*76.35*	
23 51 16 00-0040	EA	12" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	258.17	36.42
		For Aluminum Liner, Add	*9.19*	
		For 304 Stainless Steel Liner, Add	*12.54*	
		For 2" Wall Instead Of 1", Add	*59.25*	
		For 3" To 4" Wall Instead Of 1", Add	*93.42*	
23 51 16 00-0041	EA	14" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	330.56	38.18
		For Aluminum Liner, Add	*12.93*	
		For 304 Stainless Steel Liner, Add	*17.64*	
		For 2" Wall Instead Of 1", Add	*80.09*	
		For 3" To 4" Wall Instead Of 1", Add	*124.90*	
23 51 16 00-0042	EA	16" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	395.20	40.06
		For Aluminum Liner, Add	*16.23*	
		For 304 Stainless Steel Liner, Add	*22.13*	
		For 2" Wall Instead Of 1", Add	*98.54*	
		For 3" To 4" Wall Instead Of 1", Add	*152.82*	
23 51 16 00-0043	EA	18" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	501.95	42.18
		For Aluminum Liner, Add	*21.81*	
		For 304 Stainless Steel Liner, Add	*29.74*	
		For 2" Wall Instead Of 1", Add	*129.51*	
		For 3" To 4" Wall Instead Of 1", Add	*199.53*	
23 51 16 00-0044	EA	20" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	613.73	66.59
		For Aluminum Liner, Add	*24.60*	
		For 304 Stainless Steel Liner, Add	*33.55*	
		For 2" Wall Instead Of 1", Add	*150.83*	
		For 3" To 4" Wall Instead Of 1", Add	*234.56*	
23 51 16 00-0045	EA	22" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	850.00	70.72
		For Aluminum Liner, Add	*37.03*	
		For 304 Stainless Steel Liner, Add	*50.49*	
		For 2" Wall Instead Of 1", Add	*219.64*	
		For 3" To 4" Wall Instead Of 1", Add	*338.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0046	EA	24" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,040.67	75.10
		For Aluminum Liner, Add	*46.92*	
		For 304 Stainless Steel Liner, Add	*63.98*	
		For 2" Wall Instead Of 1", Add	*274.67*	
		For 3" To 4" Wall Instead Of 1", Add	*421.39*	
23 51 16 00-0047		**Tees** *(23 51 16 00-0001)*		
23 51 16 00-0048	EA	3" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	121.54	29.67
		For Aluminum Liner, Add	*2.60*	
		For 304 Stainless Steel Liner, Add	*3.54*	
		For 2" Wall Instead Of 1", Add	*21.61*	
		For 3" To 4" Wall Instead Of 1", Add	*36.12*	
23 51 16 00-0049	EA	4" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	126.55	30.79
		For Aluminum Liner, Add	*2.73*	
		For 304 Stainless Steel Liner, Add	*3.72*	
		For 2" Wall Instead Of 1", Add	*22.57*	
		For 3" To 4" Wall Instead Of 1", Add	*37.70*	
23 51 16 00-0050	EA	5" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	131.98	32.05
		For Aluminum Liner, Add	*2.85*	
		For 304 Stainless Steel Liner, Add	*3.89*	
		For 2" Wall Instead Of 1", Add	*23.57*	
		For 3" To 4" Wall Instead Of 1", Add	*39.36*	
23 51 16 00-0051	EA	6" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	141.14	33.42
		For Aluminum Liner, Add	*3.17*	
		For 304 Stainless Steel Liner, Add	*4.32*	
		For 2" Wall Instead Of 1", Add	*25.64*	
		For 3" To 4" Wall Instead Of 1", Add	*42.64*	
23 51 16 00-0052	EA	7" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	166.66	34.79
		For Aluminum Liner, Add	*4.37*	
		For 304 Stainless Steel Liner, Add	*5.97*	
		For 2" Wall Instead Of 1", Add	*32.57*	
		For 3" To 4" Wall Instead Of 1", Add	*53.22*	
23 51 16 00-0053	EA	8" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	178.60	36.42
		For Aluminum Liner, Add	*4.82*	
		For 304 Stainless Steel Liner, Add	*6.57*	
		For 2" Wall Instead Of 1", Add	*35.38*	
		For 3" To 4" Wall Instead Of 1", Add	*57.62*	
23 51 16 00-0054	EA	10" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	332.84	38.18
		For Aluminum Liner, Add	*13.06*	
		For 304 Stainless Steel Liner, Add	*17.81*	
		For 2" Wall Instead Of 1", Add	*80.78*	
		For 3" To 4" Wall Instead Of 1", Add	*125.94*	
23 51 16 00-0055	EA	12" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	385.98	40.06
		For Aluminum Liner, Add	*15.72*	
		For 304 Stainless Steel Liner, Add	*21.44*	
		For 2" Wall Instead Of 1", Add	*95.77*	
		For 3" To 4" Wall Instead Of 1", Add	*148.67*	
23 51 16 00-0056	EA	14" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	576.95	44.57
		For Aluminum Liner, Add	*25.61*	
		For 304 Stainless Steel Liner, Add	*34.93*	
		For 2" Wall Instead Of 1", Add	*150.84*	
		For 3" To 4" Wall Instead Of 1", Add	*231.82*	
23 51 16 00-0057	EA	16" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	784.49	50.07
		For Aluminum Liner, Add	*36.27*	
		For 304 Stainless Steel Liner, Add	*49.45*	
		For 2" Wall Instead Of 1", Add	*210.32*	
		For 3" To 4" Wall Instead Of 1", Add	*321.74*	
23 51 16 00-0058	EA	18" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	973.00	57.21
		For Aluminum Liner, Add	*45.65*	
		For 304 Stainless Steel Liner, Add	*62.25*	
		For 2" Wall Instead Of 1", Add	*263.30*	
		For 3" To 4" Wall Instead Of 1", Add	*402.10*	
23 51 16 00-0059	EA	20" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	1,294.76	70.72
		For Aluminum Liner, Add	*61.50*	
		For 304 Stainless Steel Liner, Add	*83.86*	
		For 2" Wall Instead Of 1", Add	*353.11*	
		For 3" To 4" Wall Instead Of 1", Add	*538.49*	
23 51 16 00-0060	EA	22" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	1,625.77	92.37
		For Aluminum Liner, Add	*76.72*	
		For 304 Stainless Steel Liner, Add	*104.61*	
		For 2" Wall Instead Of 1", Add	*441.54*	
		For 3" To 4" Wall Instead Of 1", Add	*673.86*	
23 51 16 00-0061	EA	24" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	1,869.47	97.64
		For Aluminum Liner, Add	*89.40*	
		For 304 Stainless Steel Liner, Add	*121.90*	
		For 2" Wall Instead Of 1", Add	*512.02*	
		For 3" To 4" Wall Instead Of 1", Add	*780.24*	
23 51 16 00-0062		**Vent Top Caps** *(23 51 16 00-0001)*		
23 51 16 00-0063	EA	3" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	61.41	17.40
		For Aluminum Liner, Add	*0.98*	
		For 304 Stainless Steel Liner, Add	*1.34*	
		For 2" Wall Instead Of 1", Add	*9.72*	
		For 3" To 4" Wall Instead Of 1", Add	*16.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0064	EA	4" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	64.34	18.28
		For Aluminum Liner, Add	*1.03*	
		For 304 Stainless Steel Liner, Add	*1.41*	
		For 2" Wall Instead Of 1", Add	*10.19*	
		For 3" To 4" Wall Instead Of 1", Add	*17.57*	
23 51 16 00-0065	EA	6" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	82.69	20.03
		For Aluminum Liner, Add	*1.79*	
		For 304 Stainless Steel Liner, Add	*2.45*	
		For 2" Wall Instead Of 1", Add	*14.79*	
		For 3" To 4" Wall Instead Of 1", Add	*24.69*	
23 51 16 00-0066	EA	8" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	88.20	22.28
		For Aluminum Liner, Add	*1.79*	
		For 304 Stainless Steel Liner, Add	*2.45*	
		For 2" Wall Instead Of 1", Add	*15.34*	
		For 3" To 4" Wall Instead Of 1", Add	*25.80*	
23 51 16 00-0067	EA	10" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	106.91	23.53
		For Aluminum Liner, Add	*2.64*	
		For 304 Stainless Steel Liner, Add	*3.61*	
		For 2" Wall Instead Of 1", Add	*20.31*	
		For 3" To 4" Wall Instead Of 1", Add	*33.40*	
23 51 16 00-0068	EA	12" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	125.98	25.03
		For Aluminum Liner, Add	*3.49*	
		For 304 Stainless Steel Liner, Add	*4.76*	
		For 2" Wall Instead Of 1", Add	*25.28*	
		For 3" To 4" Wall Instead Of 1", Add	*41.05*	
23 51 16 00-0069	EA	16" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	293.96	28.54
		For Aluminum Liner, Add	*12.24*	
		For 304 Stainless Steel Liner, Add	*16.69*	
		For 2" Wall Instead Of 1", Add	*73.89*	
		For 3" To 4" Wall Instead Of 1", Add	*114.41*	
23 51 16 00-0070	EA	18" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	545.87	35.80
		For Aluminum Liner, Add	*25.11*	
		For 304 Stainless Steel Liner, Add	*34.24*	
		For 2" Wall Instead Of 1", Add	*145.89*	
		For 3" To 4" Wall Instead Of 1", Add	*223.30*	
23 51 16 00-0071	EA	20" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	1,006.42	42.94
		For Aluminum Liner, Add	*49.45*	
		For 304 Stainless Steel Liner, Add	*67.44*	
		For 2" Wall Instead Of 1", Add	*280.47*	
		For 3" To 4" Wall Instead Of 1", Add	*426.07*	
23 51 16 00-0072	EA	24" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	1,671.86	60.09
		For Aluminum Liner, Add	*83.69*	
		For 304 Stainless Steel Liner, Add	*114.12*	
		For 2" Wall Instead Of 1", Add	*471.51*	
		For 3" To 4" Wall Instead Of 1", Add	*714.78*	

23 51 16 00-0073 Wall Thimbles *(23 51 16 00-0001)*

23 51 16 00-0074	EA	3" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	25.45	9.39
		For Aluminum Liner, Add	*0.11*	
		For 304 Stainless Steel Liner, Add	*0.15*	
		For 2" Wall Instead Of 1", Add	*2.96*	
		For 3" To 4" Wall Instead Of 1", Add	*5.60*	
23 51 16 00-0075	EA	4" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	32.27	12.02
		For Aluminum Liner, Add	*0.12*	
		For 304 Stainless Steel Liner, Add	*0.16*	
		For 2" Wall Instead Of 1", Add	*3.65*	
		For 3" To 4" Wall Instead Of 1", Add	*6.98*	
23 51 16 00-0076	EA	5" Or 6" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	42.96	16.14
		For Aluminum Liner, Add	*0.14*	
		For 304 Stainless Steel Liner, Add	*0.19*	
		For 2" Wall Instead Of 1", Add	*4.81*	
		For 3" To 4" Wall Instead Of 1", Add	*9.24*	
23 51 16 00-0077	EA	7" Or 8" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	53.74	20.03
		For Aluminum Liner, Add	*0.20*	
		For 304 Stainless Steel Liner, Add	*0.28*	
		For 2" Wall Instead Of 1", Add	*6.11*	
		For 3" To 4" Wall Instead Of 1", Add	*11.67*	
23 51 16 00-0078	EA	10" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	77.03	27.03
		For Aluminum Liner, Add	*0.52*	
		For 304 Stainless Steel Liner, Add	*0.71*	
		For 2" Wall Instead Of 1", Add	*9.59*	
		For 3" To 4" Wall Instead Of 1", Add	*17.77*	
23 51 16 00-0079	EA	12" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	97.24	33.55
		For Aluminum Liner, Add	*0.74*	
		For 304 Stainless Steel Liner, Add	*1.00*	
		For 2" Wall Instead Of 1", Add	*12.40*	
		For 3" To 4" Wall Instead Of 1", Add	*22.79*	
23 51 16 00-0080	EA	14" Or 16" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	122.81	40.06
		For Aluminum Liner, Add	*1.25*	
		For 304 Stainless Steel Liner, Add	*1.70*	
		For 2" Wall Instead Of 1", Add	*16.82*	
		For 3" To 4" Wall Instead Of 1", Add	*30.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0081	EA	18" Or 20" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	159.48	47.57
		For Aluminum Liner, Add	*2.23*	
		For 304 Stainless Steel Liner, Add	*3.04*	
		For 2" Wall Instead Of 1", Add	*24.06*	
		For 3" To 4" Wall Instead Of 1", Add	*42.04*	
23 51 16 00-0082	EA	22" Or 24" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	212.99	52.58
		For Aluminum Liner, Add	*4.49*	
		For 304 Stainless Steel Liner, Add	*6.12*	
		For 2" Wall Instead Of 1", Add	*37.61*	
		For 3" To 4" Wall Instead Of 1", Add	*62.99*	

23 51 16 00-0083 Adjustable Roof Flashing *(23 51 16 00-0001)*

23 51 16 00-0084	EA	3" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	68.85	22.28
		For Aluminum Liner, Add	*0.73*	
		For 304 Stainless Steel Liner, Add	*0.99*	
		For 2" Wall Instead Of 1", Add	*9.54*	
		For 3" To 4" Wall Instead Of 1", Add	*17.09*	
23 51 16 00-0085	EA	4" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	76.01	23.53
		For Aluminum Liner, Add	*0.94*	
		For 304 Stainless Steel Liner, Add	*1.28*	
		For 2" Wall Instead Of 1", Add	*11.01*	
		For 3" To 4" Wall Instead Of 1", Add	*19.47*	
23 51 16 00-0086	EA	6" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	95.30	26.66
		For Aluminum Liner, Add	*1.57*	
		For 304 Stainless Steel Liner, Add	*2.14*	
		For 2" Wall Instead Of 1", Add	*15.25*	
		For 3" To 4" Wall Instead Of 1", Add	*26.21*	
23 51 16 00-0087	EA	8" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	116.06	30.79
		For Aluminum Liner, Add	*2.15*	
		For 304 Stainless Steel Liner, Add	*2.93*	
		For 2" Wall Instead Of 1", Add	*19.42*	
		For 3" To 4" Wall Instead Of 1", Add	*32.98*	
23 51 16 00-0088	EA	10" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	190.71	33.42
		For Aluminum Liner, Add	*5.90*	
		For 304 Stainless Steel Liner, Add	*8.04*	
		For 2" Wall Instead Of 1", Add	*40.51*	
		For 3" To 4" Wall Instead Of 1", Add	*64.94*	
23 51 16 00-0089	EA	12" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	227.01	36.42
		For Aluminum Liner, Add	*7.48*	
		For 304 Stainless Steel Liner, Add	*10.20*	
		For 2" Wall Instead Of 1", Add	*49.91*	
		For 3" To 4" Wall Instead Of 1", Add	*79.41*	
23 51 16 00-0090	EA	14" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	267.29	40.06
		For Aluminum Liner, Add	*9.19*	
		For 304 Stainless Steel Liner, Add	*12.54*	
		For 2" Wall Instead Of 1", Add	*60.16*	
		For 3" To 4" Wall Instead Of 1", Add	*95.25*	
23 51 16 00-0091	EA	16" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	318.90	44.57
		For Aluminum Liner, Add	*11.41*	
		For 304 Stainless Steel Liner, Add	*15.56*	
		For 2" Wall Instead Of 1", Add	*73.39*	
		For 3" To 4" Wall Instead Of 1", Add	*115.65*	
23 51 16 00-0092	EA	18" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	482.57	50.07
		For Aluminum Liner, Add	*19.65*	
		For 304 Stainless Steel Liner, Add	*26.80*	
		For 2" Wall Instead Of 1", Add	*119.73*	
		For 3" To 4" Wall Instead Of 1", Add	*185.85*	
23 51 16 00-0093	EA	20" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	531.17	66.72
		For Aluminum Liner, Add	*20.03*	
		For 304 Stainless Steel Liner, Add	*27.32*	
		For 2" Wall Instead Of 1", Add	*125.97*	
		For 3" To 4" Wall Instead Of 1", Add	*197.30*	
23 51 16 00-0094	EA	22" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	675.73	85.87
		For Aluminum Liner, Add	*25.36*	
		For 304 Stainless Steel Liner, Add	*34.58*	
		For 2" Wall Instead Of 1", Add	*159.79*	
		For 3" To 4" Wall Instead Of 1", Add	*250.42*	
23 51 16 00-0095	EA	24" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	803.67	100.14
		For Aluminum Liner, Add	*30.43*	
		For 304 Stainless Steel Liner, Add	*41.50*	
		For 2" Wall Instead Of 1", Add	*191.03*	
		For 3" To 4" Wall Instead Of 1", Add	*299.06*	

23 51 16 00-0096 Galvanized Storm Collars *(23 51 16 00-0001)*

23 51 16 00-0097	EA	3" Round Galvanized Storm Collar, Double Wall	27.23	9.39
		For Aluminum Liner, Add	*0.21*	
		For 304 Stainless Steel Liner, Add	*0.29*	
		For 2" Wall Instead Of 1", Add	*3.49*	
		For 3" To 4" Wall Instead Of 1", Add	*6.40*	
23 51 16 00-0098	EA	4" Round Galvanized Storm Collar, Double Wall	34.43	12.02
		For Aluminum Liner, Add	*0.24*	
		For 304 Stainless Steel Liner, Add	*0.33*	
		For 2" Wall Instead Of 1", Add	*4.32*	
		For 3" To 4" Wall Instead Of 1", Add	*7.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0099	EA	5" Round Galvanized Storm Collar, Double Wall	40.52	14.02
		For Aluminum Liner, Add	*0.30*	
		For 304 Stainless Steel Liner, Add	*0.41*	
		For 2" Wall Instead Of 1", Add	*5.14*	
		For 3" To 4" Wall Instead Of 1", Add	*9.47*	
23 51 16 00-0100	EA	6" Round Galvanized Storm Collar, Double Wall	46.62	16.02
		For Aluminum Liner, Add	*0.36*	
		For 304 Stainless Steel Liner, Add	*0.49*	
		For 2" Wall Instead Of 1", Add	*5.97*	
		For 3" To 4" Wall Instead Of 1", Add	*10.96*	
23 51 16 00-0101	EA	7" Or 8" Round Galvanized Storm Collar, Double Wall	58.80	20.03
		For Aluminum Liner, Add	*0.48*	
		For 304 Stainless Steel Liner, Add	*0.65*	
		For 2" Wall Instead Of 1", Add	*7.63*	
		For 3" To 4" Wall Instead Of 1", Add	*13.94*	
23 51 16 00-0102	EA	10" Round Galvanized Storm Collar, Double Wall	81.28	27.03
		For Aluminum Liner, Add	*0.75*	
		For 304 Stainless Steel Liner, Add	*1.03*	
		For 2" Wall Instead Of 1", Add	*10.86*	
		For 3" To 4" Wall Instead Of 1", Add	*19.68*	
23 51 16 00-0103	EA	12" Round Galvanized Storm Collar, Double Wall	100.32	33.55
		For Aluminum Liner, Add	*0.90*	
		For 304 Stainless Steel Liner, Add	*1.23*	
		For 2" Wall Instead Of 1", Add	*13.32*	
		For 3" To 4" Wall Instead Of 1", Add	*24.17*	
23 51 16 00-0104	EA	14" Or 16" Round Galvanized Storm Collar, Double Wall	128.03	40.06
		For Aluminum Liner, Add	*1.53*	
		For 304 Stainless Steel Liner, Add	*2.09*	
		For 2" Wall Instead Of 1", Add	*18.38*	
		For 3" To 4" Wall Instead Of 1", Add	*32.58*	
23 51 16 00-0105	EA	18" Or 20" Round Galvanized Storm Collar, Double Wall	169.41	47.57
		For Aluminum Liner, Add	*2.78*	
		For 304 Stainless Steel Liner, Add	*3.79*	
		For 2" Wall Instead Of 1", Add	*27.04*	
		For 3" To 4" Wall Instead Of 1", Add	*46.51*	
23 51 16 00-0106	EA	22" Or 24" Round Galvanized Storm Collar, Double Wall	237.84	52.58
		For Aluminum Liner, Add	*5.85*	
		For 304 Stainless Steel Liner, Add	*7.98*	
		For 2" Wall Instead Of 1", Add	*45.07*	
		For 3" To 4" Wall Instead Of 1", Add	*74.17*	

23 51 16 00-0107 Oval Galvanized Double Wall Flue/Vent Pipe And Fittings *(23 51 16)*

23 51 16 00-0108 Oval Galvanized Double Wall Flue/Vent Pipe *(23 51 16 00-0107)*

23 51 16 00-0109	LF	4" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	45.95	11.77
		For 2" Wall Instead Of 1", Add	*7.90*	
		For 3" To 4" Wall Instead Of 1", Add	*13.32*	
23 51 16 00-0110	LF	5" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	50.68	12.52
		For 2" Wall Instead Of 1", Add	*8.99*	
		For 3" To 4" Wall Instead Of 1", Add	*15.04*	
23 51 16 00-0111	LF	6" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	56.16	13.40
		For 2" Wall Instead Of 1", Add	*10.17*	
		For 3" To 4" Wall Instead Of 1", Add	*16.92*	

23 51 16 00-0112 45 Degree Elbows *(23 51 16 00-0107)*

23 51 16 00-0113	EA	4" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	100.66	24.41
		For 2" Wall Instead Of 1", Add	*17.99*	
		For 3" To 4" Wall Instead Of 1", Add	*30.03*	
23 51 16 00-0114	EA	5" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	117.46	28.54
		For 2" Wall Instead Of 1", Add	*20.97*	
		For 3" To 4" Wall Instead Of 1", Add	*35.02*	
23 51 16 00-0115	EA	6" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	139.88	32.30
		For 2" Wall Instead Of 1", Add	*25.81*	
		For 3" To 4" Wall Instead Of 1", Add	*42.76*	
23 51 16 00-0116	EA	4" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	102.64	24.41
		For 2" Wall Instead Of 1", Add	*18.58*	
		For 3" To 4" Wall Instead Of 1", Add	*30.92*	
23 51 16 00-0117	EA	5" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	122.27	28.54
		For 2" Wall Instead Of 1", Add	*22.41*	
		For 3" To 4" Wall Instead Of 1", Add	*37.18*	
23 51 16 00-0118	EA	6" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	142.99	32.30
		For 2" Wall Instead Of 1", Add	*26.75*	
		For 3" To 4" Wall Instead Of 1", Add	*44.16*	

23 51 16 00-0119 Tees *(23 51 16 00-0107)*

23 51 16 00-0120	EA	4" Standard Oval Flue/Vent Pipe Tee, Galvanized Double Wall Breech/Smoke Pipe	168.26	37.05
		For 2" Wall Instead Of 1", Add	*31.93*	
		For 3" To 4" Wall Instead Of 1", Add	*52.53*	
23 51 16 00-0121	EA	4" Short Snout Oval Flue/Vent Tee, Galvanized Double Wall Breech/Smoke Pipe	171.37	37.05
		For 2" Wall Instead Of 1", Add	*32.87*	
		For 3" To 4" Wall Instead Of 1", Add	*53.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0122	EA	5" Standard Oval Flue/Vent Pipe Tee, Galvanized Double Wall Breech/Smoke Pipe	196.92	42.56
		For 2" Wall Instead Of 1", Add	*37.80*	
		For 3" To 4" Wall Instead Of 1", Add	*62.01*	
23 51 16 00-0123	EA	6" Oval Flue/Vent Tee With Round Coupling, Galvanized Double Wall Breech/Smoke Pipe	225.30	47.69
		For 2" Wall Instead Of 1", Add	*43.75*	
		For 3" To 4" Wall Instead Of 1", Add	*71.58*	
23 51 16 00-0124		**Tops/Caps And Adjustable Flashing** *(23 51 16 00-0107)*		
23 51 16 00-0125	EA	4" Oval Flue/Vent Pipe Top/Cap, Galvanized Double Wall Breech/Smoke Pipe	64.39	12.02
		For 2" Wall Instead Of 1", Add	*13.29*	
		For 3" To 4" Wall Instead Of 1", Add	*21.44*	
23 51 16 00-0126	EA	6" Oval Flue/Vent Pipe Top/Cap, Galvanized Double Wall Breech/Smoke Pipe	100.49	16.14
		For 2" Wall Instead Of 1", Add	*22.07*	
		For 3" To 4" Wall Instead Of 1", Add	*35.13*	
23 51 16 00-0127	EA	4" Oval Flue/Vent Adjustable Flashing, Galvanized Double Wall Breech/Smoke Pipe	52.22	12.02
		For 2" Wall Instead Of 1", Add	*9.63*	
		For 3" To 4" Wall Instead Of 1", Add	*15.96*	
23 51 16 00-0128	EA	6" Oval Flue/Vent Adjustable Flashing, Galvanized Double Wall Breech/Smoke Pipe	89.04	16.14
		For 2" Wall Instead Of 1", Add	*18.64*	
		For 3" To 4" Wall Instead Of 1", Add	*29.97*	
23 51 16 00-0129		**Storm Collars** *(23 51 16 00-0107)*		
23 51 16 00-0130	EA	4" Oval Galvanized Storm Collar, Double Wall	34.43	12.02
		For 2" Wall Instead Of 1", Add	*4.32*	
		For 3" To 4" Wall Instead Of 1", Add	*7.98*	
23 51 16 00-0131	EA	5" Oval Galvanized Storm Collar, Double Wall	40.52	14.02
		For 2" Wall Instead Of 1", Add	*5.14*	
		For 3" To 4" Wall Instead Of 1", Add	*9.47*	
23 51 16 00-0132	EA	6" Oval Galvanized Storm Collar, Double Wall	46.62	16.02
		For 2" Wall Instead Of 1", Add	*5.97*	
		For 3" To 4" Wall Instead Of 1", Add	*10.96*	
23 51 16 00-0133		**Round Double Wall Flue/Vent Pipe And Fittings** *(23 51 16)*		
		Note: 304 Stainless steel inner wall and aluminum steel outer jacket, with 1" insulation.		
23 51 16 00-0134		**Round Double Wall Flue/Vent Pipe** *(23 51 16 00-0133)*		
		Note: 304 Stainless steel inner wall and aluminum steel outer jacket, with 1" insulation.		
23 51 16 00-0135	LF	6" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	125.51	13.40
		For 316 Stainless Steel, Add	*16.57*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*9.21*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*18.42*	
23 51 16 00-0136	LF	8" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	150.96	15.40
		For 316 Stainless Steel, Add	*20.23*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*11.24*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*22.48*	
23 51 16 00-0137	LF	10" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	167.59	16.65
		For 316 Stainless Steel, Add	*22.67*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*12.59*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*25.19*	
23 51 16 00-0138	LF	12" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	189.04	18.15
		For 316 Stainless Steel, Add	*25.84*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*14.35*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*28.71*	
23 51 16 00-0139	LF	14" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	212.90	19.02
		For 316 Stainless Steel, Add	*29.74*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*16.52*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*33.04*	
23 51 16 00-0140	LF	16" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	224.83	20.03
		For 316 Stainless Steel, Add	*31.44*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*17.47*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*34.93*	
23 51 16 00-0141	LF	18" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	249.11	21.16
		For 316 Stainless Steel, Add	*35.34*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*19.63*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*39.27*	
23 51 16 00-0142	LF	20" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	308.27	33.42
		For 316 Stainless Steel, Add	*40.46*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*22.48*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*44.95*	
23 51 16 00-0143	LF	24" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	383.67	37.55
		For 316 Stainless Steel, Add	*52.16*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*28.98*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*57.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0144		**90 Degree Elbows** *(23 51 16 00-0133)*		
23 51 16 00-0145	EA	6" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	591.79	27.67
		For 316 Stainless Steel, Add	*104.53*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*52.27*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*104.53*	
23 51 16 00-0146	EA	8" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	653.80	30.79
		For 316 Stainless Steel, Add	*115.37*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*57.68*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*115.37*	
23 51 16 00-0147	EA	10" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	744.32	33.42
		For 316 Stainless Steel, Add	*132.16*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*66.08*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*132.16*	
23 51 16 00-0148	EA	12" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	841.16	36.42
		For 316 Stainless Steel, Add	*150.03*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*75.02*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*150.03*	
23 51 16 00-0149	EA	14" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	975.53	38.18
		For 316 Stainless Steel, Add	*176.03*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*88.01*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*176.03*	
23 51 16 00-0150	EA	16" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,075.04	40.06
		For 316 Stainless Steel, Add	*194.98*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*97.49*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*194.98*	
23 51 16 00-0151	EA	18" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,242.80	42.18
		For 316 Stainless Steel, Add	*227.48*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*113.74*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*227.48*	
23 51 16 00-0152	EA	20" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,439.71	66.72
		For 316 Stainless Steel, Add	*254.56*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*127.28*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*254.56*	
23 51 16 00-0153	EA	24" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,772.01	75.10
		For 316 Stainless Steel, Add	*316.85*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*158.43*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*316.85*	
23 51 16 00-0154		**45 Degree Elbows** *(23 51 16 00-0133)*		
23 51 16 00-0155	EA	6" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	394.40	26.66
		For 316 Stainless Steel, Add	*65.54*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*32.77*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*65.54*	
23 51 16 00-0156	EA	8" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	450.69	30.79
		For 316 Stainless Steel, Add	*74.74*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*37.37*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*74.74*	
23 51 16 00-0157	EA	10" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	500.55	33.42
		For 316 Stainless Steel, Add	*83.41*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*41.71*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*83.41*	
23 51 16 00-0158	EA	12" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	570.35	36.42
		For 316 Stainless Steel, Add	*95.87*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*47.93*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*95.87*	
23 51 16 00-0159	EA	14" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	642.43	38.18
		For 316 Stainless Steel, Add	*109.41*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*54.70*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*109.41*	
23 51 16 00-0160	EA	16" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	720.28	40.06
		For 316 Stainless Steel, Add	*124.03*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*62.02*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*124.03*	
23 51 16 00-0161	EA	18" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	806.79	42.18
		For 316 Stainless Steel, Add	*140.28*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*70.14*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*140.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0162	EA	20" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	968.51	66.72
		For 316 Stainless Steel, Add	*160.32*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*80.16*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*160.32*	
23 51 16 00-0163	EA	24" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,216.85	75.10
		For 316 Stainless Steel, Add	*205.82*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*102.91*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*205.82*	
23 51 16 00-0164		**Tees** *(23 51 16 00-0133)*		
23 51 16 00-0165	EA	6" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	427.47	33.42
		For 316 Stainless Steel, Add	*75.66*	
		For Tee Cap, Add	*98.03*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*34.39*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*68.79*	
23 51 16 00-0166	EA	8" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	486.39	36.42
		For 316 Stainless Steel, Add	*86.98*	
		For Tee Cap, Add	*110.93*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*39.54*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*79.08*	
23 51 16 00-0167	EA	10" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	558.45	38.18
		For 316 Stainless Steel, Add	*101.88*	
		For Tee Cap, Add	*125.99*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*46.31*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*92.62*	
23 51 16 00-0168	EA	12" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	641.73	40.06
		For 316 Stainless Steel, Add	*119.16*	
		For Tee Cap, Add	*143.36*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*54.16*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*108.32*	
23 51 16 00-0169	EA	14" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	750.37	44.57
		For 316 Stainless Steel, Add	*140.60*	
		For Tee Cap, Add	*166.76*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*63.91*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*127.82*	
23 51 16 00-0170	EA	16" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	842.74	50.07
		For 316 Stainless Steel, Add	*157.88*	
		For Tee Cap, Add	*187.31*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*71.77*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*143.53*	
23 51 16 00-0171	EA	18" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	982.45	57.21
		For 316 Stainless Steel, Add	*184.69*	
		For Tee Cap, Add	*217.93*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*83.95*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*167.90*	
23 51 16 00-0172	EA	20" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,124.54	70.72
		For 316 Stainless Steel, Add	*208.52*	
		For Tee Cap, Add	*251.41*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*94.78*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*189.57*	
23 51 16 00-0173	EA	24" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,428.38	100.14
		For 316 Stainless Steel, Add	*259.17*	
		For Tee Cap, Add	*323.23*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*117.80*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*235.61*	
23 51 16 00-0174		**Bellows** *(23 51 16 00-0133)*		
23 51 16 00-0175	EA	6" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	808.74	26.66
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*74.20*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*148.40*	
23 51 16 00-0176	EA	8" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	881.28	30.79
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*80.43*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*160.86*	
23 51 16 00-0177	EA	10" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	963.68	33.42
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*88.01*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*176.03*	
23 51 16 00-0178	EA	12" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,065.93	36.42
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*97.49*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*194.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0179	EA	14" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,192.18	38.18
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*109.68*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*219.36*	
23 51 16 00-0180	EA	16" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,318.77	40.06
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*121.87*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*243.73*	
23 51 16 00-0181	EA	18" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,472.99	42.18
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*136.76*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*273.52*	
23 51 16 00-0182	EA	20" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,710.51	66.72
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*154.36*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*308.72*	
23 51 16 00-0183	EA	24" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,110.54	75.10
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*192.28*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*384.55*	

23 51 16 00-0184 Ventilated Roof Thimbles *(23 51 16 00-0133)*

23 51 16 00-0185	EA	6" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	537.40	30.79
		For 316 Stainless Steel, Add	*57.55*	
23 51 16 00-0186	EA	8" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	583.89	36.42
		For 316 Stainless Steel, Add	*61.61*	
23 51 16 00-0187	EA	10" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	639.01	40.06
		For 316 Stainless Steel, Add	*67.36*	
23 51 16 00-0188	EA	12" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	690.87	44.57
		For 316 Stainless Steel, Add	*72.44*	
23 51 16 00-0189	EA	14" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	878.82	47.19
		For 316 Stainless Steel, Add	*95.12*	
23 51 16 00-0190	EA	16" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	785.92	50.07
		For 316 Stainless Steel, Add	*82.60*	
23 51 16 00-0191	EA	18" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	845.81	53.45
		For 316 Stainless Steel, Add	*89.03*	
23 51 16 00-0192	EA	20" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	951.47	75.10
		For 316 Stainless Steel, Add	*95.46*	
23 51 16 00-0193	EA	24" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,067.42	85.74
		For 316 Stainless Steel, Add	*106.63*	

23 51 16 00-0194 Exit Cones *(23 51 16 00-0133)*

23 51 16 00-0195	EA	6" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	371.27	17.40
23 51 16 00-0196	EA	8" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	391.63	19.02
23 51 16 00-0197	EA	10" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	421.07	20.03
23 51 16 00-0198	EA	12" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	439.96	21.03
23 51 16 00-0199	EA	14" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	484.70	21.66
23 51 16 00-0200	EA	16" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	529.45	22.15
23 51 16 00-0201	EA	18" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	642.13	22.91
23 51 16 00-0202	EA	20" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	803.29	42.94
23 51 16 00-0203	EA	24" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,009.20	46.19

23 51 16 00-0204 Vent Top Caps *(23 51 16 00-0133)*

23 51 16 00-0205	EA	6" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	406.37	17.40
23 51 16 00-0206	EA	8" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	470.17	19.02
23 51 16 00-0207	EA	10" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	545.61	20.03
23 51 16 00-0208	EA	12" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	626.79	21.03
23 51 16 00-0209	EA	14" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	731.09	21.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0210	EA	16" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	830.12	22.28
23 51 16 00-0211	EA	18" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	923.81	22.91
23 51 16 00-0212	EA	20" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,109.19	42.94
23 51 16 00-0213	EA	24" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,320.63	46.19

23 51 16 00-0214 Roof Support Assemblies *(23 51 16 00-0133)*

23 51 16 00-0215	EA	6" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	613.50	32.05
		For 316 Stainless Steel, Add	*106.70*	
23 51 16 00-0216	EA	8" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	677.63	38.18
		For 316 Stainless Steel, Add	*116.45*	
23 51 16 00-0217	EA	10" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	744.44	42.18
		For 316 Stainless Steel, Add	*127.82*	
23 51 16 00-0218	EA	12" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	794.76	47.06
		For 316 Stainless Steel, Add	*135.41*	
23 51 16 00-0219	EA	14" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	886.14	50.07
		For 316 Stainless Steel, Add	*152.20*	
23 51 16 00-0220	EA	16" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	940.56	53.45
		For 316 Stainless Steel, Add	*161.40*	
23 51 16 00-0221	EA	18" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,009.78	57.33
		For 316 Stainless Steel, Add	*173.32*	
23 51 16 00-0222	EA	20" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,121.04	80.11
		For 316 Stainless Steel, Add	*184.15*	
23 51 16 00-0223	EA	24" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,260.19	92.50
		For 316 Stainless Steel, Add	*205.82*	

23 51 16 00-0224 Round Stainless Steel Double Wall Flue/Vent Pipe And Fittings *(23 51 16)*

Note: With 1" insulation.

23 51 16 00-0225 Round Stainless Steel Double Wall Flue/Vent Pipe *(23 51 16 00-0224)*

Note: With 1" insulation.

23 51 16 00-0226	LF	6" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	109.26	13.40
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*7.58*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*15.17*	
23 51 16 00-0227	LF	7" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	133.28	14.27
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*9.75*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*19.50*	
23 51 16 00-0228	LF	8" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	152.31	15.40
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*11.37*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*22.75*	
23 51 16 00-0229	LF	10" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	206.82	16.65
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*16.52*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*33.04*	
23 51 16 00-0230	LF	12" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	267.63	18.28
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*22.21*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*44.41*	
23 51 16 00-0231	LF	14" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	340.29	19.15
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*29.25*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*58.50*	

23 51 16 00-0232 90 Degree Elbows *(23 51 16 00-0224)*

23 51 16 00-0233	EA	6" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	236.03	26.66
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*16.93*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*33.85*	
23 51 16 00-0234	EA	7" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	261.04	28.54
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*18.96*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*37.91*	
23 51 16 00-0235	EA	8" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	293.66	30.79
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*21.67*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*43.33*	
23 51 16 00-0236	EA	10" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	365.14	33.42
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*28.16*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*56.33*	
23 51 16 00-0237	EA	12" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	434.95	36.42
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*34.39*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*68.79*	
23 51 16 00-0238	EA	14" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	506.96	38.18
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*41.16*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*82.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0239		**45 Degree Elbows** *(23 51 16 00-0224)*		
23 51 16 00-0240	EA	6" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	193.71	26.66
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*12.69*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*25.39*	
23 51 16 00-0241	EA	7" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	213.64	28.54
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*14.22*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*28.44*	
23 51 16 00-0242	EA	8" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	239.52	30.79
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*16.25*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*32.50*	
23 51 16 00-0243	EA	10" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	294.73	33.42
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*21.12*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*42.25*	
23 51 16 00-0244	EA	12" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	348.94	36.42
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*25.80*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*51.59*	
23 51 16 00-0245	EA	14" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	404.10	38.18
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*30.87*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*61.74*	
23 51 16 00-0246		**Tees With Tee Caps** *(23 51 16 00-0224)*		
23 51 16 00-0247	EA	6" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	386.27	26.66
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*31.96*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*63.91*	
23 51 16 00-0248	EA	7" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	488.53	28.54
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*41.71*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*83.41*	
23 51 16 00-0249	EA	8" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	548.19	30.79
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*47.12*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*94.24*	
23 51 16 00-0250	EA	10" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	746.90	33.42
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*66.35*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*132.70*	
23 51 16 00-0251	EA	12" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	1,025.27	36.42
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*93.43*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*186.86*	
23 51 16 00-0252	EA	14" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	1,313.94	38.18
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*121.87*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*243.73*	
23 51 16 00-0253		**Joist Shields** *(23 51 16 00-0224)*		
23 51 16 00-0254	EA	6" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	164.21	26.66
23 51 16 00-0255	EA	7" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	177.10	28.54
23 51 16 00-0256	EA	8" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	206.97	30.79
23 51 16 00-0257	EA	10" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	258.21	33.42
23 51 16 00-0258	EA	12" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	309.00	36.42
23 51 16 00-0259	EA	14" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	366.14	38.18
23 51 16 00-0260		**Adjustable Roof Flashing** *(23 51 16 00-0224)*		
23 51 16 00-0261	EA	6" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	195.36	26.66
23 51 16 00-0262	EA	7" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	217.70	28.54
23 51 16 00-0263	EA	8" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	236.74	30.79
23 51 16 00-0264	EA	10" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	287.97	33.42
23 51 16 00-0265	EA	12" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	355.12	36.42
23 51 16 00-0266	EA	14" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	425.67	38.05
23 51 16 00-0267		**Vent Top Caps** *(23 51 16 00-0224)*		
23 51 16 00-0268	EA	6" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	175.04	26.66
23 51 16 00-0269	EA	7" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	219.05	28.54
23 51 16 00-0270	EA	8" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	274.66	30.79
23 51 16 00-0271	EA	10" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	438.31	33.42
23 51 16 00-0272	EA	12" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	597.49	36.42
23 51 16 00-0273	EA	14" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	761.55	38.18
23 51 16 00-0274		**Roof Support Assemblies** *(23 51 16 00-0224)*		
23 51 16 00-0275	EA	6" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	260.25	26.66
23 51 16 00-0276	EA	7" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	289.46	28.54
23 51 16 00-0277	EA	8" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	313.92	30.79
23 51 16 00-0278	EA	10" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	394.87	33.42
23 51 16 00-0279	EA	12" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	467.44	36.42
23 51 16 00-0280	EA	14" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	571.98	38.18
23 51 16 00-0281		**Polyvinyl Chloride (PVC) Flue/Vent Accessories** *(23 51 16)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0282		**Concentric Polyvinyl Chloride (PVC) Vent Termination** *(23 51 16 00-0281)*		
23 51 16 00-0283	EA	2" Concentric Polyvinyl Chloride (PVC) Vent Termination	258.15	50.97
23 51 16 00-0284	EA	3" Concentric Polyvinyl Chloride (PVC) Vent Termination	280.47	50.97
23 51 16 00-0285		**Polypropylene (PP) Flue/Vent Pipe And Fittings** *(23 51 16)*		
		Note: Centrotherm InnoFlue® Vent System		
23 51 16 00-0286		**Polypropylene Flue/Vent Rigid Pipe Sections** *(23 51 16 00-0285)*		
		Note: Gasketed rigid single wall polypropylene vent lengths with dedicated male and female ends.		
23 51 16 00-0287	EA	2" x 12" Polypropylene Flue/Vent Rigid Pipe Section	47.55	15.48
23 51 16 00-0288	EA	2" x 24" Polypropylene Flue/Vent Rigid Pipe Section	54.25	16.29
23 51 16 00-0289	EA	2" x 36" Polypropylene Flue/Vent Rigid Pipe Section	62.25	18.12
23 51 16 00-0290	EA	2" x 72" Polypropylene Flue/Vent Rigid Pipe Section	77.49	21.31
23 51 16 00-0291	EA	3" x 12" Polypropylene Flue/Vent Rigid Pipe Section	57.28	17.75
23 51 16 00-0292	EA	3" x 24" Polypropylene Flue/Vent Rigid Pipe Section	69.55	18.69
23 51 16 00-0293	EA	3" x 36" Polypropylene Flue/Vent Rigid Pipe Section	85.65	20.76
23 51 16 00-0294	EA	3" x 72" Polypropylene Flue/Vent Rigid Pipe Section	106.13	24.42
23 51 16 00-0295	EA	4" x 12" Polypropylene Flue/Vent Rigid Pipe Section	95.56	23.48
23 51 16 00-0296	EA	4" x 24" Polypropylene Flue/Vent Rigid Pipe Section	113.30	24.71
23 51 16 00-0297	EA	4" x 36" Polypropylene Flue/Vent Rigid Pipe Section	141.37	27.47
23 51 16 00-0298	EA	4" x 72" Polypropylene Flue/Vent Rigid Pipe Section	183.66	32.31
23 51 16 00-0299	EA	5" x 12" Polypropylene Flue/Vent Rigid Pipe Section	141.77	34.66
23 51 16 00-0300	EA	5" x 24" Polypropylene Flue/Vent Rigid Pipe Section	162.58	36.47
23 51 16 00-0301	EA	5" x 36" Polypropylene Flue/Vent Rigid Pipe Section	212.42	40.53
23 51 16 00-0302	EA	5" x 72" Polypropylene Flue/Vent Rigid Pipe Section	276.87	47.69
23 51 16 00-0303		**Polypropylene Flue/Vent Elbows** *(23 51 16 00-0285)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0304	EA	2" Polypropylene Flue/Vent 15 Degree Elbow	58.83	18.81
23 51 16 00-0305	EA	3" Polypropylene Flue/Vent 15 Degree Elbow	69.14	19.81
23 51 16 00-0306	EA	4" Polypropylene Flue/Vent 15 Degree Elbow	86.94	20.53
23 51 16 00-0307	EA	5" Polypropylene Flue/Vent 15 Degree Elbow	101.32	21.37
23 51 16 00-0308	EA	2" Polypropylene Flue/Vent 30 Degree Elbow	58.83	18.81
23 51 16 00-0309	EA	3" Polypropylene Flue/Vent 30 Degree Elbow	69.14	19.81
23 51 16 00-0310	EA	4" Polypropylene Flue/Vent 30 Degree Elbow	86.94	20.53
23 51 16 00-0311	EA	5" Polypropylene Flue/Vent 30 Degree Elbow	101.32	21.37
23 51 16 00-0312	EA	2" Polypropylene Flue/Vent 45 Degree Elbow	58.83	18.81
23 51 16 00-0313	EA	3" Polypropylene Flue/Vent 45 Degree Elbow	69.14	19.81
23 51 16 00-0314	EA	4" Polypropylene Flue/Vent 45 Degree Elbow	86.94	20.53
23 51 16 00-0315	EA	5" Polypropylene Flue/Vent 45 Degree Elbow	101.32	21.37
23 51 16 00-0316	EA	2" Polypropylene Flue/Vent 87 Degree Elbow	58.83	18.81
23 51 16 00-0317	EA	3" Polypropylene Flue/Vent 87 Degree Elbow	69.14	19.81
23 51 16 00-0318	EA	4" Polypropylene Flue/Vent 87 Degree Elbow	85.83	20.53
23 51 16 00-0319	EA	5" Polypropylene Flue/Vent 87 Degree Elbow	104.06	21.37
23 51 16 00-0320		**Polypropylene Flue/Vent Tees** *(23 51 16 00-0285)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0321	EA	2" Polypropylene Flue/Vent Tee	187.22	28.23
23 51 16 00-0322	EA	3" Polypropylene Flue/Vent Tee	236.03	29.72
23 51 16 00-0323	EA	4" Polypropylene Flue/Vent Tee	277.57	30.79
23 51 16 00-0324	EA	5" Polypropylene Flue/Vent Tee	303.92	32.05
23 51 16 00-0325		**Polypropylene Flue/Vent Adaptors** *(23 51 16 00-0285)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0326	EA	2" Polypropylene Flue/Vent Adaptor With Gasket	69.63	18.81
23 51 16 00-0327	EA	3" Polypropylene Flue/Vent Adaptor With Gasket	100.60	19.81
23 51 16 00-0328	EA	4" Polypropylene Flue/Vent Adaptor With Gasket	117.40	20.53
23 51 16 00-0329	EA	5" Polypropylene Flue/Vent Adaptor With Gasket	160.87	21.37
23 51 16 00-0330		**Polypropylene Flue/Vent Increases** *(23 51 16 00-0285)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0331	EA	2" to 3" Polypropylene Flue/Vent Centric Increaser	77.34	19.31
23 51 16 00-0332	EA	3" to 4" Polypropylene Flue/Vent Centric Increaser	84.81	20.17
23 51 16 00-0333	EA	4" to 5" Polypropylene Flue/Vent Centric Increaser	154.30	20.94
23 51 16 00-0334	EA	2" to 3" Polypropylene Flue/Vent Eccentric Increaser	105.06	19.31
23 51 16 00-0335	EA	3" to 4" Polypropylene Flue/Vent Eccentric Increaser	82.55	20.17
23 51 16 00-0336	EA	4" to 5" Polypropylene Flue/Vent Eccentric Increaser	213.51	20.94
23 51 16 00-0337		**Polypropylene Flue/Vent Reducers** *(23 51 16 00-0285)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0338	EA	3" to 2" Polypropylene Flue/Vent Reducer	77.34	19.31
23 51 16 00-0339	EA	4" to 3" Polypropylene Flue/Vent Reducer	84.81	20.17
23 51 16 00-0340	EA	5" to 4" Polypropylene Flue/Vent Reducer	191.21	20.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0341		**Polypropylene Flue/Vent Test Ports** *(23 51 16 00-0285)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0342	EA	2" Polypropylene Flue/Vent Test Port	97.67	28.23
23 51 16 00-0343	EA	3" Polypropylene Flue/Vent Test Port	109.78	29.72
23 51 16 00-0344	EA	4" Polypropylene Flue/Vent Test Port	169.71	30.79
23 51 16 00-0345	EA	5" Polypropylene Flue/Vent Test Port	181.29	32.05
23 51 16 00-0346		**Polypropylene Flue/Vent Cascade Components** *(23 51 16 00-0285)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0347	EA	4" x 15" Polypropylene Flue/Vent Branch Tee With 4" Feeder	282.54	30.79
23 51 16 00-0348	EA	4" x 42" Polypropylene Flue/Vent Branch Tee With 4" Feeder	370.23	38.49
23 51 16 00-0349	EA	5" x 12" Polypropylene Flue/Vent Branch Tee With 4" Feeder	231.63	32.05
23 51 16 00-0350	EA	5" x 42" Polypropylene Flue/Vent Branch Tee With 4" Feeder	343.96	40.06
23 51 16 00-0351	EA	3" to 4" Polypropylene Flue/Vent Non-Return Valve	362.80	20.17
23 51 16 00-0352	EA	4" to 4" Polypropylene Flue/Vent Non-Return Valve	420.29	20.94
23 51 16 00-0353		**Polypropylene Flue/Vent Condensate Management** *(23 51 16 00-0285)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0354	EA	2" Polypropylene Flue/Vent Horizontal Drain Tee	135.10	28.23
23 51 16 00-0355	EA	3" Polypropylene Flue/Vent Horizontal Drain Tee	163.77	29.72
23 51 16 00-0356	EA	4" Polypropylene Flue/Vent Horizontal Drain Tee	187.95	30.79
23 51 16 00-0357	EA	5" Polypropylene Flue/Vent Horizontal Drain Tee	214.79	32.05
23 51 16 00-0358	EA	4" Polypropylene Flue/Vent Horizontal Drain Fittings	238.60	30.79
23 51 16 00-0359	EA	5" Polypropylene Flue/Vent Horizontal Drain Fittings	263.26	32.05
23 51 16 00-0360	EA	2" Polypropylene Flue/Vent Tee Cap	78.62	9.41
23 51 16 00-0361	EA	3" Polypropylene Flue/Vent Tee Cap	101.17	9.90
23 51 16 00-0362	EA	4" Polypropylene Flue/Vent Tee Cap	120.41	10.27
23 51 16 00-0363	EA	5" Polypropylene Flue/Vent Tee Cap	157.56	10.68
23 51 16 00-0364	EA	2" Polypropylene Flue/Vent Tee Cap With Drain	151.31	28.23
23 51 16 00-0365	EA	3" Polypropylene Flue/Vent Tee Cap With Drain	186.24	29.72
23 51 16 00-0366	EA	4" Polypropylene Flue/Vent Tee Cap With Drain	215.81	30.79
23 51 16 00-0367	EA	5" Polypropylene Flue/Vent Tee Cap With Drain	260.59	32.05
23 51 16 00-0368		**Polypropylene Flue/Vent Terminations** *(23 51 16 00-0285)*		
23 51 16 00-0369	EA	2" Polypropylene-UV Black Flue/Vent Chimney Cover	198.65	18.81
23 51 16 00-0370	EA	3" Polypropylene-UV Black Flue/Vent Chimney Cover	174.89	19.81
23 51 16 00-0371	EA	4" Polypropylene-UV Black Flue/Vent Chimney Cover	219.32	20.53
23 51 16 00-0372	EA	3" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe	450.46	19.81
23 51 16 00-0373	EA	4" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe	481.05	20.53
23 51 16 00-0374	EA	5" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe	561.85	21.37
23 51 16 00-0375	EA	2"/4" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	116.46	18.81
23 51 16 00-0376	EA	2"/5" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	123.40	18.81
23 51 16 00-0377	EA	2"/6" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	130.34	18.81
23 51 16 00-0378	EA	2"/7" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	137.28	18.81
23 51 16 00-0379	EA	3"/4" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	125.88	19.81
23 51 16 00-0380	EA	3"/5" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	132.82	19.81
23 51 16 00-0381	EA	3"/6" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	139.76	19.81
23 51 16 00-0382	EA	3"/7" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	146.70	19.81
23 51 16 00-0383	EA	4"/5" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	141.56	20.53
23 51 16 00-0384	EA	4"/6" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	148.50	20.53
23 51 16 00-0385	EA	4"/7" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	155.45	20.53
23 51 16 00-0386	EA	2" Polypropylene-UV Black Flue/Vent Low Profile Wall Termination	123.33	18.81
23 51 16 00-0387	EA	3" Polypropylene-UV Black Flue/Vent Low Profile Wall Termination	158.50	19.81
23 51 16 00-0388	EA	2" Polypropylene-UV Black Flue/Vent Termination Tee	142.63	28.23
23 51 16 00-0389	EA	3" Polypropylene-UV Black Flue/Vent Termination Tee	188.68	29.72
23 51 16 00-0390	EA	4" Polypropylene-UV Black Flue/Vent Termination Tee	223.57	30.79
23 51 16 00-0391	EA	5" Polypropylene-UV Black Flue/Vent Termination Tee	246.54	32.05
23 51 16 00-0392	EA	2" x 20" Polypropylene-UV Black Flue/Vent End Pipe	50.03	16.29
23 51 16 00-0393	EA	2" x 39" Polypropylene-UV Black Flue/Vent End Pipe	60.03	18.12
23 51 16 00-0394	EA	3" x 20" Polypropylene-UV Black Flue/Vent End Pipe	60.30	18.69
23 51 16 00-0395	EA	3" x 39" Polypropylene-UV Black Flue/Vent End Pipe	75.66	20.76
23 51 16 00-0396	EA	4" x 20" Polypropylene-UV Black Flue/Vent End Pipe	91.46	24.71
23 51 16 00-0397	EA	5" x 20" Polypropylene-UV Black Flue/Vent End Pipe	125.95	36.47
23 51 16 00-0398	EA	5" x 39" Polypropylene-UV Black Flue/Vent End Pipe	153.09	40.53
23 51 16 00-0399	EA	2" x 24" Polypropylene-UV Black Flue/Vent Vent Length	55.60	16.29
23 51 16 00-0400	EA	3" x 24" Polypropylene-UV Black Flue/Vent Vent Length	71.84	18.69
23 51 16 00-0401	EA	4" x 24" Polypropylene-UV Black Flue/Vent Vent Length	118.45	24.71
23 51 16 00-0402	EA	2" Polypropylene-UV Black Flue/Vent 45 Degree Elbow	61.03	18.81
23 51 16 00-0403	EA	3" Polypropylene-UV Black Flue/Vent 45 Degree Elbow	71.91	19.81
23 51 16 00-0404	EA	4" Polypropylene-UV Black Flue/Vent 45 Degree Elbow	90.50	20.53
23 51 16 00-0405	EA	2" Polypropylene-UV Black Flue/Vent 87 Degree Elbow	59.99	18.81
23 51 16 00-0406	EA	3" Polypropylene-UV Black Flue/Vent 87 Degree Elbow	71.22	19.81
23 51 16 00-0407	EA	4" Polypropylene-UV Black Flue/Vent 87 Degree Elbow	89.28	20.53
23 51 16 00-0408	EA	2" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent	39.53	9.41
23 51 16 00-0409	EA	3" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent	46.21	9.90
23 51 16 00-0410	EA	4" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent	51.90	10.27
23 51 16 00-0411	EA	3" Stainless Steel Bird Screen For Polypropylene Flue/Vent	103.09	9.90
23 51 16 00-0412	EA	5" Stainless Steel Bird Screen For Polypropylene Flue/Vent	118.56	10.68

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0413		**Polypropylene Flue/Vent Accessories** *(23 51 16 00-0285)*		
23 51 16 00-0414	EA	2" Spacer For Polypropylene Flue/Vent	20.16	4.71
23 51 16 00-0415	EA	3" Spacer For Polypropylene Flue/Vent	19.13	4.95
23 51 16 00-0416	EA	4" Spacer For Polypropylene Flue/Vent	19.70	5.13
23 51 16 00-0417	EA	5" Spacer For Polypropylene Flue/Vent	31.52	5.34
23 51 16 00-0418	EA	2" Flue Clamp For Polypropylene Flue/Vent	38.33	7.06
23 51 16 00-0419	EA	3" Flue Clamp For Polypropylene Flue/Vent	45.18	7.43
23 51 16 00-0420	EA	4" Flue Clamp For Polypropylene Flue/Vent	52.56	7.70
23 51 16 00-0421	EA	2" Support Clamp For Polypropylene Flue/Vent	36.40	7.06
23 51 16 00-0422	EA	4" Support Clamp For Polypropylene Flue/Vent	36.22	7.70
23 51 16 00-0423	EA	5" Support Clamp For Polypropylene Flue/Vent	44.35	8.01
23 51 16 00-0424	EA	3" Plastic Support Clamp For Polypropylene Flue/Vent	27.47	7.43
23 51 16 00-0425	EA	2" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	54.04	18.81
23 51 16 00-0426	EA	3" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	59.72	19.81
23 51 16 00-0427	EA	4" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	64.44	20.53
23 51 16 00-0428	EA	5" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	72.22	21.37
23 51 16 00-0429	EA	2" Single Wall EDPM Gasket For Polypropylene Flue/Vent	4.46	
23 51 16 00-0430	EA	3" Single Wall EDPM Gasket For Polypropylene Flue/Vent	4.98	
23 51 16 00-0431	EA	4" Single Wall EDPM Gasket For Polypropylene Flue/Vent	6.75	
23 51 16 00-0432	EA	5" Single Wall EDPM Gasket For Polypropylene Flue/Vent	11.15	
23 51 16 00-0433	EA	2" Connector Ring For Polypropylene Flue/Vent	16.55	4.71
23 51 16 00-0434	EA	3" Connector Ring For Polypropylene Flue/Vent	18.79	4.95
23 51 16 00-0435	EA	4" Connector Ring For Polypropylene Flue/Vent	20.27	5.13
23 51 16 00-0436	EA	5" Connector Ring For Polypropylene Flue/Vent	22.47	5.34
23 51 16 00-0437	EA	2"/4" Polypropylene Flue/Vent Air Intake, White	85.58	9.41
23 51 16 00-0438	EA	3"/5" Polypropylene Flue/Vent Air Intake, White	87.69	9.90
23 51 16 00-0439	EA	4"/6" Polypropylene Flue/Vent Air Intake, White	64.64	10.27
23 51 16 00-0440	EA	2" Base Support For Polypropylene Flue/Vent	74.59	7.06
23 51 16 00-0441	EA	3" Base Support For Polypropylene Flue/Vent	76.92	7.43
23 51 16 00-0442	EA	4" Base Support For Polypropylene Flue/Vent	103.66	7.70
23 51 16 00-0443	EA	5" Base Support For Polypropylene Flue/Vent	176.56	8.01
23 51 16 00-0444		**Polypropylene Flue/Vent Flex Pipe** *(23 51 16 00-0285)*		
23 51 16 00-0445	LF	2", Up To 50', Polypropylene Flue/Vent Flex Pipe	13.39	1.65
23 51 16 00-0446	LF	2", > 50', Polypropylene Flue/Vent Flex Pipe	11.54	1.65
23 51 16 00-0447	LF	3", Up To 50', Polypropylene Flue/Vent Flex Pipe	16.47	1.95
23 51 16 00-0448	LF	3", > 50', Polypropylene Flue/Vent Flex Pipe	14.15	1.95
23 51 16 00-0449	LF	4", Up To 50', Polypropylene Flue/Vent Flex Pipe	23.84	2.41
23 51 16 00-0450	LF	4", > 50', Polypropylene Flue/Vent Flex Pipe	20.27	2.41
23 51 16 00-0451		**Polypropylene Flue/Vent Couplers** *(23 51 16 00-0285)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0452	EA	2" Polypropylene Flue/Vent Coupler, Single Wall to Flex	93.04	18.81
23 51 16 00-0453	EA	2" Polypropylene Flue/Vent Coupler, Flex to Single Wall	104.63	18.81
23 51 16 00-0454	EA	3" Polypropylene Flue/Vent Coupler, Flex to Single Wall	216.47	19.81
23 51 16 00-0455	EA	4" Polypropylene Flue/Vent Coupler, Flex to Single Wall	398.40	20.53
23 51 16 00-0456	EA	2" Polypropylene Flue/Vent Coupler, Flex to Flex	108.04	18.81
23 51 16 00-0457	EA	3" Polypropylene Flue/Vent Coupler, Flex to Flex	258.81	19.81
23 51 16 00-0458	EA	4" Polypropylene Flue/Vent Coupler, Flex to Flex	676.07	20.53
23 51 16 00-0459		**Polypropylene Flue/Vent Flex End Terminations** *(23 51 16 00-0285)*		
23 51 16 00-0460	EA	2" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination	123.43	18.81
23 51 16 00-0461	EA	3" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination	113.58	19.81
23 51 16 00-0462	EA	4" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination	141.19	20.53
23 51 16 00-0463		**Aluminum Flue/Vent Fittings** *(23 51 16)*		
23 51 16 00-0464		**Aluminum Vent Top Caps** *(23 51 16 00-0463)*		
23 51 16 00-0465	EA	3" Aluminum Vent Cap (Star-Kap® 3-SK)	117.96	18.65
23 51 16 00-0466	EA	4" Aluminum Vent Cap (Star-Kap® 4-SK)	125.52	18.28
23 51 16 00-0467	EA	5" Aluminum Vent Cap (Star-Kap® 5-SK)	136.27	19.15
23 51 16 00-0468	EA	6" Aluminum Vent Cap (Star-Kap® 6-SK)	191.70	20.03
23 51 16 00-0469	EA	8" Aluminum Vent Cap (Star-Kap® 8-SK)	214.45	22.28
23 51 16 00-0470	EA	10" Aluminum Vent Cap (Star-Kap® 10-SK)	621.80	23.53
23 51 16 00-0471	EA	12" Aluminum Vent Cap (Star-Kap® 12-SK)	637.04	25.03

23 52 Heating Boilers *(23 50)*

23 52 16 Condensing Boilers *(23 52)*

23 52 16 13 Stainless-Steel Condensing Boilers *(23 52 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 13-0001		**Hamilton Evo Series Stainless Steel Condensing Boilers** *(23 52 16 13)* Note: Includes circulating pump, mounting rack, disconnect panel, plumbing and gas manifold, manual reset high limit and LWCO (Cal Code). Rated by gross rated output.		
23 52 16 13-0002	EA	75 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW79)	12,540.56	459.33
23 52 16 13-0003	EA	127 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW129)	13,276.83	611.82
23 52 16 13-0004	EA	168 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW179)	14,163.87	688.86
23 52 16 13-0005	EA	187 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW199.1)	15,014.07	727.22
23 52 16 13-0006	EA	281 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW299)	19,800.98	842.05
23 52 16 13-0007	EA	374 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW399)	22,911.63	918.53
23 52 16 13-0008	EA	589 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW599)	30,928.34	1,071.60
23 52 16 13-0009	EA	785 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW798) Note: Includes vent manifold.	42,957.73	1,224.78
23 52 16 13-0010	EA	980 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW998) Note: Includes vent manifold.	52,511.79	1,339.60
23 52 16 13-0011	EA	1,425 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW1499)	75,764.71	1,569.15
23 52 16 13-0012	EA	1,900 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW1999)	83,486.74	1,683.98
23 52 16 13-0013		**Buderus SB615 Stainless Steel Condensing Boilers** *(23 52 16 13)* Note: Includes Riello burners. Rated by gross rated output.		
23 52 16 13-0014	EA	484 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/145)	39,713.41	995.12
23 52 16 13-0015	EA	612 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/185)	41,590.48	1,071.60
23 52 16 13-0016	EA	791 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/240)	46,504.89	1,224.78
23 52 16 13-0017	EA	1,022 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/310)	50,259.03	1,377.84
23 52 16 13-0018	EA	1,317 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/400)	55,728.79	1,492.68
23 52 16 13-0019	EA	1,459 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/510)	63,751.60	1,569.15
23 52 16 13-0020	EA	2,104 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/640)	76,579.79	1,683.98
23 52 16 13-0021		**Buderus SB735 Stainless Steel Condensing Boilers** *(23 52 16 13)* Note: Includes Riello burners. Rated by gross rated output.		
23 52 16 13-0022	EA	2,650 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/790)	78,092.43	1,837.06
23 52 16 13-0023	EA	3,251 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/970)	90,418.86	1,913.65
23 52 16 13-0024	EA	4,079 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/1200)	104,771.40	1,990.24
23 52 16 13-0025		**Laars Neotherm Stainless Steel Condensing Boiler** *(23 52 16 13)* Note: Compliant with SCAQMD. Rated by gross rated input.		
23 52 16 13-0026	EA	80 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH080)	9,122.88	497.56
23 52 16 13-0027	EA	105 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH105)	10,412.77	574.15
23 52 16 13-0028	EA	150 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH150)	11,657.90	688.86
23 52 16 13-0029	EA	210 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH210)	12,983.62	765.46
23 52 16 13-0030	EA	285 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH285)	16,358.29	842.05
23 52 16 13-0031	EA	399 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH399)	21,407.53	918.53
23 52 16 13-0032	EA	500 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH500)	25,740.54	995.12
23 52 16 13-0033	EA	600 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH600)	28,581.43	1,071.60
23 52 16 13-0034	EA	750 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH750)	31,049.27	1,148.19
23 52 16 13-0035	EA	850 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH850)	33,746.79	1,301.25
23 52 16 13-0036	EA	1,000 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH1000)	48,118.04	1,377.84
23 52 16 13-0037	EA	1,700 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH1700)	64,013.45	1,607.51
23 52 16 13-0038		**AERCO Benchmark Stainless-Steel Condensing Boilers** *(23 52 16 13)* Note: Rated by gross rated output.		
23 52 16 13-0039	EA	1,500 MBH Water, 120 Volt, 1 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK1.5LN) Note: Includes gas PRV and pump delay relay.	50,025.81	1,569.15
23 52 16 13-0040	EA	2,000 MBH Water, 120 Volt, 1 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK2.0LN) Note: Includes gas PRV and pump delay relay.	59,357.52	1,683.98
23 52 16 13-0041	EA	3,000 MBH Water, 220 Volt, 1 Phase, 230 Volt, 3 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK3000) Note: Includes gas PRV and pump delay relay.	85,324.53	1,875.41
23 52 16 13-0042	EA	3,000 MBH Water, 480 Volt, 3 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK3000) Note: Includes gas PRV and pump delay relay.	90,906.31	1,875.41
23 52 16 13-0043		**Lochinvar Knight Stainless Steel Condensing Boilers** *(23 52 16 13)* Note: Rated by gross rated output.		
23 52 16 13-0044	EA	184 MBH 95% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight KBN211)	12,646.71	688.86
23 52 16 13-0045	EA	264 MBH 95% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight KHB285N)	16,381.65	765.46
23 52 16 13-0046		**Lochinvar Knight XL Stainless Steel Condensing Boilers** *(23 52 16 13)* Note: Rated by gross rated output.		
23 52 16 13-0047	EA	387 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX0400N)	18,602.57	880.29
23 52 16 13-0048	EA	485 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX0500N)	23,216.90	918.53
23 52 16 13-0049	EA	631 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX0650N)	28,511.53	995.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 13-0050	EA	776 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX0800N)	34,212.76	1,033.36
23 52 16 13-0051	EA	969 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX1000N)	41,858.29	1,109.95
23 52 16 13-0052		Lochinvar Crest Stainless Steel Condensing Boilers *(23 52 16 13)*		
		Note: Rated by gross rated output.		
23 52 16 13-0053	EA	1,203 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN1251)	53,068.97	1,301.02
23 52 16 13-0054	EA	1,443 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN1501)	54,751.61	1,492.68
23 52 16 13-0055	EA	1,684 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN1751)	60,030.06	1,588.10
23 52 16 13-0056	EA	1,923 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN2001)	65,308.50	1,683.98
23 52 16 13-0057	EA	2,400 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN2501)	76,659.59	1,760.58
23 52 16 13-0058	EA	2,883 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN3001)	84,951.39	1,837.06
23 52 16 13-0059	EA	3,364 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN3501)	104,436.98	1,913.65
23 52 16 13-0060	EA	3,843 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN4001)	115,414.75	1,990.13
23 52 16 13-0061	EA	4,804 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN5001)	141,667.62	2,066.60
23 52 16 13-0062		Patterson Kelley Stainless Steel Condensing Boilers *(23 52 16 13)*		
23 52 16 13-0063		Patterson Kelley Stainless Steel Condensing Boilers, SOLIS® Series *(23 52 16 13-0062)*		
23 52 16 13-0064	EA	1,500 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Patterson-Kelley SOLIS® SL-1500)	47,541.51	1,569.15
23 52 16 13-0065	EA	3,000 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Patterson-Kelley SOLIS® SL-3000)	73,062.47	1,875.41
23 52 16 13-0066		Patterson Kelley Stainless Steel Condensing Boilers, SONIC® Series *(23 52 16 13-0062)*		
23 52 16 13-0067	EA	650 MBH 97% Efficient, Gas Fired, Dual Fuel, Stainless Steel Condensing Boiler (Patterson-Kelley SONIC® SC-650 SCD-650)	24,795.82	1,109.95
23 52 16 13-0068	EA	1,000 MBH 97% Efficient, Gas Fired, Dual Fuel, Stainless Steel Condensing Boiler (Patterson-Kelley SONIC® SC-1000 SCD-1000)	29,814.38	1,377.84
23 52 16 13-0069	EA	2,000 MBH 97% Efficient, Gas Fired, Dual Fuel, Stainless Steel Condensing Boiler (Patterson-Kelley SONIC® SC-2000)	50,532.49	1,683.98
23 52 16 13-0070	EA	4,000 MBH 97% Efficient, Gas Fired, Dual Fuel, Stainless Steel Condensing Boiler (Patterson-Kelley SONIC® SC-4000)	86,737.29	1,990.24
23 52 16 13-0071		Patterson Kelley Stainless Steel Condensing Boilers, STORM® Series *(23 52 16 13-0062)*		
23 52 16 13-0072	EA	1,250 MBH 97% Efficient, Gas Fired, Stainless Steel Condensing Boiler (Patterson-Kelley STORM® ST1250)	36,317.13	1,454.32
23 52 16 13-0073	EA	2,000 MBH 97% Efficient, Gas Fired, Stainless Steel Condensing Boiler (Patterson-Kelley STORM® ST2000)	59,746.09	1,683.98
23 52 16 13-0074	EA	4,000 MBH 97% Efficient, Gas Fired, Stainless Steel Condensing Boiler (Patterson-Kelley STORM® ST4000)	88,697.62	1,990.24
23 52 16 16		**Aluminum Condensing Boilers** *(23 52 16)*		
23 52 16 16-0001		Patterson Kelley Mach Series Aluminum Condensing Boilers *(23 52 16 16)*		
		Note: Compliant with SCAQMD. Rated by gross rated output.		
23 52 16 16-0002	EA	300 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach CM300)	20,808.95	842.05
23 52 16 16-0003	EA	450 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C450)	23,412.53	956.88
23 52 16 16-0004	EA	750 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C750)	26,507.41	1,148.19
23 52 16 16-0005	EA	900 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C900)	39,311.44	1,301.25
23 52 16 16-0006	EA	1,050 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C1050)	41,063.99	1,377.84
23 52 16 16-0007	EA	1,500 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C1500)	63,766.44	1,569.15
23 52 16 16-0008	EA	2,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C2000)	69,052.34	1,683.98
23 52 16 16-0009	EA	2,500 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C2500)	83,329.64	1,837.06
23 52 16 16-0010	EA	3,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C3000)	96,757.49	1,875.41
23 52 16 16-0011	EA	4,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C4000)	110,109.86	1,990.24
23 52 16 16-0012		Weil McLain Aluminum Condensing Boilers *(23 52 16 16)*		
		Note: Rated by gross rated output.		
23 52 16 16-0013	EA	80 MBH Water, Gas Fired, Condensing Boiler (Weil McLain Ultra 80) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	8,438.32	497.56
23 52 16 16-0014	EA	105 MBH Water, Gas Fired, Condensing Boiler (Weil McLain Ultra 105) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	9,300.35	574.15
23 52 16 16-0015	EA	155 MBH Water, Gas Fired, Condensing Boiler (Weil McLain Ultra 155) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	10,488.01	688.86
23 52 16 16-0016	EA	230 MBH Water, Gas Fired, Condensing Boiler (Weil McLain Ultra 230) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	11,771.62	765.46
23 52 16 16-0017	EA	310 MBH Water, Gas Fired, Condensing Boiler (Weil McLain Ultra 310) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	15,277.95	880.29
23 52 16 16-0018		Buderus GB142 Wall Hung Aluminum Condensing Boilers *(23 52 16 16)*		
		Note: Includes standard controls. Rated by gross rated output.		
23 52 16 16-0019	EA	75 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/24) Note: Includes an aluminum heat exchanger and three speed circulating pump.	6,099.87	459.33
23 52 16 16-0020	EA	95 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/30) Note: Includes an aluminum heat exchanger and three speed circulating pump.	7,085.12	535.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 16-0021	EA	143 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/45) Note: Includes an aluminum heat exchanger and three speed circulating pump.	8,182.71	650.63
23 52 16 16-0022	EA	193 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/60) Note: Includes an aluminum heat exchanger and three speed circulating pump.	8,963.39	727.22
23 52 16 16-0023	EA	Optional Vertical Or Horizontal 3" Concentric Termination Kit For GB142 (Buderus 60L46)	351.20	114.83
23 52 16 16-0024	EA	Optional Stainless Steel Concentric Hood For GB142 (Buderus SJT3)	452.24	114.83
23 52 16 16-0025	EA	Optional GB Floor Stand For GB142 (Buderus 7098265)	938.41	114.83
23 52 16 16-0026		**Buderus GB162 Wall Hung Aluminum Condensing Boilers** *(23 52 16 16)* Note: Includes standard controls. Rated by gross rated output.		
23 52 16 16-0027	EA	290 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB162/80) Note: Includes an aluminum heat exchanger, connection pump module, low loss header, outdoor reset module, outdoor temperature sensor, and 1-1/2" unions.	10,140.63	842.05
23 52 16 16-0028	EA	333 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB162/100) Note: Includes an aluminum heat exchanger, connection pump module, low loss header, outdoor reset module, outdoor temperature sensor, and 1-1/2" unions.	12,443.50	880.29
23 52 16 16-0029	EA	580 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Two Boilers) (Buderus GB162/80-TL2) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	23,747.77	1,033.36
23 52 16 16-0030	EA	580 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Two Boilers) (Buderus GB162/80-TR2) Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	22,221.29	1,033.36
23 52 16 16-0031	EA	666 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Two Boilers) (Buderus GB162/100-TL2) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	28,353.49	1,109.95
23 52 16 16-0032	EA	666 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Two Boilers) (Buderus GB162/100-TR2) Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	26,827.01	1,109.95
23 52 16 16-0033	EA	870 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Three Boilers) (Buderus GB162/80-TL3) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	32,969.08	1,301.25
23 52 16 16-0034	EA	999 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Three Boilers) (Buderus GB162/100-TL3) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	39,762.86	1,377.84
23 52 16 16-0035	EA	1,160 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Four Boilers) (Buderus GB162/80-TL4) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	40,887.04	1,454.32
23 52 16 16-0036	EA	1,160 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Four Boilers) (Buderus GB162/80-TR4) Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	41,498.40	1,454.32
23 52 16 16-0037	EA	1,332 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Four Boilers) (Buderus GB162/100-TL4) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	49,754.02	1,492.68
23 52 16 16-0038	EA	1,332 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Four Boilers) (Buderus GB162/100-TR4) Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	50,365.38	1,492.68
23 52 16 16-0039	EA	EMS Control Module For Condensing Boiler (Buderus RC35)	766.53	114.83
23 52 16 16-0040		**Buderus GB312 Aluminum Condensing Boilers** *(23 52 16 16)* Note: Includes standard controls. Rated by gross rated output.		
23 52 16 16-0041	EA	305 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/90) Note: Includes an aluminum heat exchanger.	14,365.52	842.05
23 52 16 16-0042	EA	409 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/120) Note: Includes an aluminum heat exchanger.	16,723.46	918.53
23 52 16 16-0043	EA	544 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/160) Note: Includes an aluminum heat exchanger.	20,891.32	1,014.18
23 52 16 16-0044	EA	676 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/200) Note: Includes an aluminum heat exchanger.	23,989.94	1,109.95
23 52 16 16-0045	EA	810 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/240) Note: Includes an aluminum heat exchanger.	28,652.17	1,224.78
23 52 16 16-0046	EA	944 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/280) Note: Includes an aluminum heat exchanger.	31,632.49	1,339.60
23 52 16 16-0047	EA	Optional CSD-1 Kit Consisting Of High And Low Gas Pressure Switches For GB312 (Buderus 7747019985)	499.23	57.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 16-0048	EA	Optional L4006E1125 Manual Reset Aquastat For GB312 (Buderus L4006E1125)	275.91	57.42
23 52 16 16-0049	EA	Optional Hydrolevel 550 low Water Cut-Off For GB312 (Buderus 550)	388.67	57.42
23 52 16 16-0050	EA	Optional Condensate Neutralization Tank For GB312 (Buderus 63035899)	807.47	57.42

23 52 16 19 Copper Water-Tube Condensing Boilers *(23 52 16)*

23 52 16 19-0001 Laars Rheos+ Copper Fin Tube Condensing Boilers *(23 52 16 19)*

Note: Rated by gross rated output.

23 52 16 19-0002	EA	1,200 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	45,727.06	1,454.32
23 52 16 19-0003	EA	1,600 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	51,555.18	1,607.51
23 52 16 19-0004	EA	2,000 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	56,408.74	1,683.98
23 52 16 19-0005	EA	2,400 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	60,867.54	1,760.58

23 52 16 23 Cast Iron Condensing Boilers *(23 52 16)*

23 52 16 23-0001 Hydrotherm KN Cast Iron Condensing Boilers *(23 52 16 23)*

Note: Compliant with SCAQMD. Rated by gross rated output.

23 52 16 23-0002	EA	199 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-2)	16,117.11	727.22
23 52 16 23-0003	EA	399 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-4)	23,576.96	918.53
23 52 16 23-0004	EA	600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-6)	38,716.53	1,071.60
23 52 16 23-0005	EA	1,000 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-10)	50,816.86	1,377.84
23 52 16 23-0006	EA	1,600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-16)	67,718.90	1,607.51
23 52 16 23-0007	EA	1,999 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-20)	73,861.73	1,683.98
23 52 16 23-0008	EA	2,600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-26)	93,973.76	1,837.06
23 52 16 23-0009	EA	3,000 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-30)	102,702.87	1,875.41

23 52 23 Cast-Iron Boilers *(23 52)*

23 52 23 00-0001 Weil-McLain Model 80 Cast Iron Boiler *(23 52 23)*

Note: Capacities are the net AHRI ratings for steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.

23 52 23 00-0002 Gas Fired Weil-McLain Model 80 Cast Iron Boiler *(23 52 23 00-0001)*

Note: Field assembled boilers can only be used in situations where package units cannot be installed.

23 52 23 00-0003	EA	209 MBH Steam, 242 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 380) Note: Includes field assembly of individual sections and testing.	19,503.62	3,755.07
23 52 23 00-0004	EA	297 MBH Steam, 344 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 480) Note: Includes field assembly of individual sections and testing.	21,343.16	4,005.41
23 52 23 00-0005	EA	386 MBH Steam, 448 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 580) Note: Includes field assembly of individual sections and testing.	23,357.91	4,255.74
23 52 23 00-0006	EA	476 MBH Steam, 551 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 680) Note: Includes field assembly of individual sections and testing.	25,230.51	4,506.08
23 52 23 00-0007	EA	565 MBH Steam, 655 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 780) Note: Includes field assembly of individual sections and testing.	26,958.83	4,756.42
23 52 23 00-0008	EA	654 MBH Steam, 758 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 880) Note: Includes field assembly of individual sections and testing.	29,330.02	5,006.75
23 52 23 00-0009	EA	743 MBH Steam, 862 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 980) Note: Includes field assembly of individual sections and testing.	31,159.41	5,257.09
23 52 23 00-0010	EA	833 MBH Steam, 965 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1080) Note: Includes field assembly of individual sections and testing.	32,608.76	5,507.43
23 52 23 00-0011	EA	922 MBH Steam, 1,069 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1180) Note: Includes field assembly of individual sections and testing.	34,052.75	5,757.77
23 52 23 00-0012	EA	1,018 MBH Steam, 1,172 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1280) Note: Includes field assembly of individual sections and testing.	35,722.36	6,008.11

23 52 23 00-0013 Gas Fired Package Weil-McLain Model 80 Cast Iron Boiler *(23 52 23 00-0001)*

23 52 23 00-0014	EA	209 MBH Steam, 242 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 380) Note: Fire tested factory assembled package unit.	14,029.96	503.36
23 52 23 00-0015	EA	297 MBH Steam, 344 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 480) Note: Fire tested factory assembled package unit.	15,610.90	503.36
23 52 23 00-0016	EA	386 MBH Steam, 448 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 580) Note: Fire tested factory assembled package unit.	17,873.42	629.20
23 52 23 00-0017	EA	476 MBH Steam, 551 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 680) Note: Fire tested factory assembled package unit.	19,485.43	629.20
23 52 23 00-0018	EA	565 MBH Steam, 655 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 780) Note: Fire tested factory assembled package unit.	21,461.83	755.04
23 52 23 00-0019	EA	654 MBH Steam, 758 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 880) Note: Fire tested factory assembled package unit.	23,593.74	755.04
23 52 23 00-0020	EA	743 MBH Steam, 862 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 980) Note: Fire tested factory assembled package unit.	25,668.24	880.88
23 52 23 00-0021	EA	833 MBH Steam, 965 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1080) Note: Fire tested factory assembled package unit.	27,363.43	1,006.72
23 52 23 00-0022	EA	922 MBH Steam, 1,069 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1180) Note: Fire tested factory assembled package unit.	28,552.00	1,006.72
23 52 23 00-0023	EA	1018 MBH Steam, 1172 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1280) Note: Fire tested factory assembled package unit.	30,464.66	1,132.56

23 52 23 00-0024 Gas/Oil Fired Weil-McLain Model 80 Cast Iron Boiler *(23 52 23 00-0001)*

Note: Field assembled boilers can only be used in situations where package units cannot be installed.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0025	EA	209 MBH Steam, 242 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 380) Note: Includes field assembly of individual sections and testing.	20,427.34	3,755.07
23 52 23 00-0026	EA	297 MBH Steam, 344 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	22,432.01	4,005.41
23 52 23 00-0027	EA	386 MBH Steam, 448 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	24,347.03	4,255.74
23 52 23 00-0028	EA	476 MBH Steam, 551 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	26,487.75	4,506.08
23 52 23 00-0029	EA	565 MBH Steam, 655 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	28,250.40	4,756.42
23 52 23 00-0030	EA	654 MBH Steam, 758 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	30,830.86	5,006.75
23 52 23 00-0031	EA	743 MBH Steam, 862 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	32,447.71	5,257.09
23 52 23 00-0032	EA	833 MBH Steam, 965 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	34,019.68	5,507.43
23 52 23 00-0033	EA	922 MBH Steam, 1069 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	35,465.31	5,757.77
23 52 23 00-0034	EA	1,018 MBH Steam, 1172 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	37,179.06	6,008.11
23 52 23 00-0035		**Gas/Oil Fired Package Weil-McLain Model 80 Cast Iron Boiler** *(23 52 23 00-0001)*		
23 52 23 00-0036	EA	209 MBH Steam, 242 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 380) Note: Fire tested factory assembled package cast iron unit.	14,953.67	503.36
23 52 23 00-0037	EA	297 MBH Steam, 344 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 480) Note: Fire tested factory assembled package cast iron unit.	16,699.75	503.36
23 52 23 00-0038	EA	386 MBH Steam, 448 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 580) Note: Fire tested factory assembled package cast iron unit.	18,862.53	629.20
23 52 23 00-0039	EA	476 MBH Steam, 551 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 680) Note: Fire tested factory assembled package cast iron unit.	20,742.67	629.20
23 52 23 00-0040	EA	565 MBH Steam, 655 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 780) Note: Fire tested factory assembled package cast iron unit.	22,753.40	755.04
23 52 23 00-0041	EA	654 MBH Steam, 758 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 880) Note: Fire tested factory assembled package cast iron unit.	25,094.58	755.04
23 52 23 00-0042	EA	743 MBH Steam, 862 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 980) Note: Fire tested factory assembled package cast iron unit.	26,956.54	880.88
23 52 23 00-0043	EA	833 MBH Steam, 965 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1080) Note: Fire tested factory assembled package cast iron unit.	28,774.35	1,006.72
23 52 23 00-0044	EA	922 MBH Steam, 1,069 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1180) Note: Fire tested factory assembled package cast iron unit.	29,964.56	1,006.72
23 52 23 00-0045	EA	1,018 MBH Steam, 1,172 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1280) Note: Fire tested factory assembled package cast iron unit.	31,921.35	1,132.56
23 52 23 00-0046		**Weil-McLain Model 88 Cast Iron Boiler** *(23 52 23)* Note: Capacities are the net AHRI ratings for steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
23 52 23 00-0047		**Gas Fired Weil-McLain Model 88 Cast Iron Boiler** *(23 52 23 00-0046)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0048	EA	629 MBH Steam, 730 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 488) Note: Includes field assembly of individual sections and testing.	31,835.27	5,632.60
23 52 23 00-0049	EA	845 MBH Steam, 979 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 588) Note: Includes field assembly of individual sections and testing.	35,186.97	5,976.81
23 52 23 00-0050	EA	1072 MBH Steam, 1229 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 688) Note: Includes field assembly of individual sections and testing.	39,339.86	6,321.03
23 52 23 00-0051	EA	1,311 MBH Steam, 1,478 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 788) Note: Includes field assembly of individual sections and testing.	42,996.84	6,665.24
23 52 23 00-0052	EA	1,543 MBH Steam, 1,728 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 888) Note: Includes field assembly of individual sections and testing.	46,174.14	7,009.46
23 52 23 00-0053	EA	1,766 MBH Steam, 1,977 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 988) Note: Includes field assembly of individual sections and testing.	50,786.67	7,353.67
23 52 23 00-0054	EA	1,988 MBH Steam, 2,227 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1088) Note: Includes field assembly of individual sections and testing.	53,994.06	7,697.88
23 52 23 00-0055	EA	2,211 MBH Steam, 2,477 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1188) Note: Includes field assembly of individual sections and testing.	56,829.49	8,042.10
23 52 23 00-0056	EA	2,434 MBH Steam, 2,726 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1288) Note: Includes field assembly of individual sections and testing.	60,620.87	8,386.31
23 52 23 00-0057	EA	2,657 MBH Steam, 2,976 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1388) Note: Includes field assembly of individual sections and testing.	63,666.89	8,730.53
23 52 23 00-0058	EA	2,880 MBH Steam, 3,225 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1488) Note: Includes field assembly of individual sections and testing.	68,616.12	9,074.74
23 52 23 00-0059	EA	3,102 MBH Steam, 3,475 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1588) Note: Includes field assembly of individual sections and testing.	71,513.52	9,418.95
23 52 23 00-0060	EA	3,325 MBH Steam, 3,724 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1688) Note: Includes field assembly of individual sections and testing.	74,587.78	9,763.17
23 52 23 00-0061	EA	3,548 MBH Steam, 3,974 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1788) Note: Includes field assembly of individual sections and testing.	78,015.27	10,107.38
23 52 23 00-0062	EA	3,771 MBH Steam, 4,223 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1888) Note: Includes field assembly of individual sections and testing.	80,800.66	10,451.60
23 52 23 00-0063		**Gas Fired Package Weil-McLain Model 88 Cast Iron Boiler** *(23 52 23 00-0046)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0064	EA	629 MBH Steam, 730 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 488) Note: Fire tested factory assembled package unit.	25,691.13	880.88
23 52 23 00-0065	EA	845 MBH Steam, 979 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 588) Note: Fire tested factory assembled package unit.	29,137.30	1,006.72
23 52 23 00-0066	EA	1,072 MBH Steam, 1,229 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 688) Note: Fire tested factory assembled package unit.	33,404.21	1,132.56
23 52 23 00-0067	EA	1,311 MBH Steam, 1,478 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 788) Note: Fire tested factory assembled package unit.	37,139.77	1,258.39
23 52 23 00-0068	EA	1,543 MBH Steam, 1,728 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 888) Note: Fire tested factory assembled package unit.	39,906.02	1,258.39
23 52 23 00-0069	EA	1,766 MBH Steam, 1,977 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 988) Note: Fire tested factory assembled package unit.	44,617.59	1,384.24
23 52 23 00-0070	EA	1,988 MBH Steam, 2,227 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1088) Note: Fire tested factory assembled package unit.	47,418.17	1,384.24
23 52 23 00-0071	EA	2,211 MBH Steam, 2,477 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1188) Note: Fire tested factory assembled package unit.	50,347.73	1,510.08
23 52 23 00-0072	EA	2,434 MBH Steam, 2,726 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1288) Note: Fire tested factory assembled package unit.	53,733.61	1,510.08
23 52 23 00-0073	EA	2,657 MBH Steam, 2,976 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1388) Note: Fire tested factory assembled package unit.	56,874.10	1,635.92
23 52 23 00-0074	EA	2,880 MBH Steam, 3,225 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1488) Note: Fire tested factory assembled package unit.	59,914.80	1,761.76
23 52 23 00-0075	EA	3,102 MBH Steam, 3,475 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1588) Note: Fire tested factory assembled package unit.	62,406.39	1,761.76
23 52 23 00-0076	EA	3,325 MBH Steam, 3,724 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1688) Note: Fire tested factory assembled package unit.	65,576.27	1,887.60
23 52 23 00-0077	EA	3,548 MBH Steam, 3,974 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1788) Note: Fire tested factory assembled package unit.	68,595.93	1,887.60
23 52 23 00-0078	EA	3,771 MBH Steam, 4,223 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1888) Note: Fire tested factory assembled package unit.	71,510.70	2,013.44
23 52 23 00-0079		**Gas/Oil Fired Weil-McLain Model 88 Cast Iron Boiler** *(23 52 23 00-0046)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0080	EA	629 MBH Steam, 730 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 488) Note: Includes field assembly of individual sections and testing.	32,973.16	5,632.60
23 52 23 00-0081	EA	845 MBH Steam, 979 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 588) Note: Includes field assembly of individual sections and testing.	36,318.32	5,976.81
23 52 23 00-0082	EA	1,072 MBH Steam, 1,229 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 688) Note: Includes field assembly of individual sections and testing.	40,765.49	6,321.03
23 52 23 00-0083	EA	1,311 MBH Steam, 1,478 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 788) Note: Includes field assembly of individual sections and testing.	44,566.34	6,665.24
23 52 23 00-0084	EA	1,543 MBH Steam, 1,728 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 888) Note: Includes field assembly of individual sections and testing.	47,583.42	7,009.46
23 52 23 00-0085	EA	1,766 MBH Steam, 1,977 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 988) Note: Includes field assembly of individual sections and testing.	52,107.67	7,353.67
23 52 23 00-0086	EA	1,988 MBH Steam, 2,227 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1088) Note: Includes field assembly of individual sections and testing.	55,977.19	7,697.88
23 52 23 00-0087	EA	2,211 MBH Steam, 2,477 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1188) Note: Includes field assembly of individual sections and testing.	58,812.63	8,042.10
23 52 23 00-0088	EA	2,434 MBH Steam, 2,726 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1288) Note: Includes field assembly of individual sections and testing.	62,564.77	8,386.31
23 52 23 00-0089	EA	2,657 MBH Steam, 2,976 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1388) Note: Includes field assembly of individual sections and testing.	66,446.22	8,730.53
23 52 23 00-0090	EA	2,880 MBH Steam, 3,225 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1488) Note: Includes field assembly of individual sections and testing.	71,536.05	9,074.74
23 52 23 00-0091	EA	3,102 MBH Steam, 3,475 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1588) Note: Includes field assembly of individual sections and testing.	75,416.02	9,418.95
23 52 23 00-0092	EA	3,325 MBH Steam, 3,724 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1688) Note: Includes field assembly of individual sections and testing.	77,506.08	9,763.17
23 52 23 00-0093	EA	3,548 MBH Steam, 3,974 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1788) Note: Includes field assembly of individual sections and testing.	80,845.28	10,107.38
23 52 23 00-0094	EA	3,771 MBH Steam, 4,223 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1888) Note: Includes field assembly of individual sections and testing.	83,661.74	10,451.60
23 52 23 00-0095		**Gas/Oil Fired Package Weil-McLain Model 88 Cast Iron Boiler** *(23 52 23 00-0046)*		
23 52 23 00-0096	EA	629 MBH Steam, 730 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 488) Note: Fire tested factory assembled package cast iron unit.	26,829.02	880.88
23 52 23 00-0097	EA	845 MBH Steam, 979 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 588) Note: Fire tested factory assembled package cast iron unit.	30,268.65	1,006.72
23 52 23 00-0098	EA	1,072 MBH Steam, 1,229 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 688) Note: Fire tested factory assembled package cast iron unit.	34,813.49	1,132.56
23 52 23 00-0099	EA	1,311 MBH Steam, 1,478 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 788) Note: Fire tested factory assembled package cast iron unit.	38,709.27	1,258.39
23 52 23 00-0100	EA	1,543 MBH Steam, 1,728 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 888) Note: Fire tested factory assembled package cast iron unit.	41,318.57	1,258.39
23 52 23 00-0101	EA	1,766 MBH Steam, 1,977 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 988) Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	45,938.59	1,384.24
23 52 23 00-0102	EA	1,988 MBH Steam, 2,227 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1088) Note: Fire tested factory assembled package cast iron unit.	49,401.31	1,384.24
23 52 23 00-0103	EA	2,211 MBH Steam, 2,477 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1188) Note: Fire tested factory assembled package cast iron unit.	52,330.87	1,510.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0104	EA	2,434 MBH Steam, 2,726 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1288) Note: Fire tested factory assembled package cast iron unit.	55,677.51	1,510.08
23 52 23 00-0105	EA	2,657 MBH Steam, 2,976 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1388) Note: Fire tested factory assembled package cast iron unit.	59,661.60	1,635.92
23 52 23 00-0106	EA	2,880 MBH Steam, 3,225 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1488) Note: Fire tested factory assembled package cast iron unit.	62,834.73	1,761.76
23 52 23 00-0107	EA	3,102 MBH Steam, 3,475 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1588) Note: Fire tested factory assembled package cast iron unit.	64,674.00	1,761.76
23 52 23 00-0108	EA	3,325 MBH Steam, 3,724 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1688) Note: Fire tested factory assembled package cast iron unit.	68,494.57	1,887.60
23 52 23 00-0109	EA	3,548 MBh Steam, 3,974 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1788) Note: Fire tested factory assembled package cast iron unit.	71,425.94	1,887.60
23 52 23 00-0110	EA	3,771 MBH Steam, 4,223 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1888) Note: Fire tested factory assembled package cast iron unit.	74,339.08	2,013.44
23 52 23 00-0111		Weil-McLain Model 94 Cast Iron Boiler *(23 52 23)* Note: Capacities are the net AHRI ratings for steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
23 52 23 00-0112		Gas Fired Weil-McLain Model 94 Cast Iron Boiler *(23 52 23 00-0111)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0113	EA	1,584 MBH Steam, 1,784 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-894) Note: Includes field assembly of individual sections and testing.	87,451.50	10,952.28
23 52 23 00-0114	EA	1,800 MBH Steam, 2,050 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-994) Note: Includes field assembly of individual sections and testing.	94,852.42	11,578.12
23 52 23 00-0115	EA	2,024 MBH Steam, 2,310 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1094) Note: Includes field assembly of individual sections and testing.	101,606.74	12,203.96
23 52 23 00-0116	EA	2,249 MBH Steam, 2,571 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1194) Note: Includes field assembly of individual sections and testing.	108,218.99	12,829.81
23 52 23 00-0117	EA	2,474 MBH Steam, 2,834 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1294) Note: Includes field assembly of individual sections and testing.	114,893.11	13,455.66
23 52 23 00-0118	EA	2,703 MBH Steam, 3,098 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1394) Note: Includes field assembly of individual sections and testing.	123,353.08	14,081.50
23 52 23 00-0119	EA	2,928 MBH Steam, 3,362 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1494) Note: Includes field assembly of individual sections and testing.	129,638.50	14,707.34
23 52 23 00-0120	EA	3,154 MBH Steam, 3,628 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1594) Note: Includes field assembly of individual sections and testing.	135,718.54	15,333.19
23 52 23 00-0121	EA	3,378 MBH Steam, 3,894 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1694) Note: Includes field assembly of individual sections and testing.	145,648.93	15,959.03
23 52 23 00-0122	EA	3,604 MBH Steam, 4,162 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1794) Note: Includes field assembly of individual sections and testing.	151,725.46	16,584.88
23 52 23 00-0123	EA	3,834 MBH Steam, 4,430 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1894) Note: Includes field assembly of individual sections and testing.	156,930.56	17,210.72
23 52 23 00-0124	EA	4,059 MBH Steam, 4,700 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1994) Note: Includes field assembly of individual sections and testing.	166,512.93	17,836.56
23 52 23 00-0125	EA	4,285 MBH Steam, 4,970 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2094) Note: Includes field assembly of individual sections and testing.	172,640.44	18,462.41
23 52 23 00-0126	EA	4,510 MBH Steam, 5,241 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2194) Note: Includes field assembly of individual sections and testing.	182,444.16	19,088.26
23 52 23 00-0127	EA	4,781 MBH Steam, 5,568 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2294) Note: Includes field assembly of individual sections and testing.	188,897.49	19,714.10
23 52 23 00-0128	EA	4,961 MBH Steam, 5,787 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2394) Note: Includes field assembly of individual sections and testing.	195,963.78	20,339.94
23 52 23 00-0129	EA	5,232 MBH Steam, 6,117 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2494) Note: Includes field assembly of individual sections and testing.	202,025.52	20,965.79
23 52 23 00-0130	EA	5,413 MBH Steam, 6,338 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2594) Note: Includes field assembly of individual sections and testing.	208,263.10	21,591.63
23 52 23 00-0131		Gas Fired Package Weil-McLain Model 94 Cast Iron Boiler *(23 52 23 00-0111)*		
23 52 23 00-0132	EA	1,584 MBH Steam, 1,784 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-894) Note: Fire tested factory assembled package cast iron unit.	78,994.29	1,635.92
23 52 23 00-0133	EA	1,800 MBH Steam, 2,050 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-994) Note: Fire tested factory assembled package cast iron unit.	86,163.12	1,761.76
23 52 23 00-0134	EA	2,024 MBH Steam, 2,310 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1094) Note: Fire tested factory assembled package cast iron unit.	92,681.28	1,887.60
23 52 23 00-0135	EA	2,249 MBH Steam, 2,571 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1194) Note: Fire tested factory assembled package cast iron unit.	99,062.03	2,013.44
23 52 23 00-0136	EA	2,474 MBH Steam, 2,834 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1294) Note: Fire tested factory assembled package cast iron unit.	104,996.72	2,013.44
23 52 23 00-0137	EA	2,703 MBH Steam, 3,098 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1394) Note: Fire tested factory assembled package cast iron unit.	111,223.99	2,139.28
23 52 23 00-0138	EA	2,928 MBH Steam, 3,362 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1494) Note: Fire tested factory assembled package cast iron unit.	116,771.20	2,139.28
23 52 23 00-0139	EA	3,154 MBH Steam, 3,628 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1594) Note: Fire tested factory assembled package cast iron unit.	122,617.35	2,265.12
23 52 23 00-0140	EA	3,378 MBH Steam, 3,894 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1694) Note: Fire tested factory assembled package cast iron unit.	131,810.40	2,265.12
23 52 23 00-0141	EA	3,604 MBH Steam, 4,162 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1794) Note: Fire tested factory assembled package cast iron unit.	137,654.91	2,390.95
23 52 23 00-0142	EA	3,834 MBH Steam, 4,430 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1894) Note: Fire tested factory assembled package cast iron unit.	142,121.45	2,390.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0143	EA	4,059 MBH Steam, 4,700 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1994) Note: Fire tested factory assembled package cast iron unit.	151,472.95	2,516.80
23 52 23 00-0144	EA	4,285 MBH Steam, 4,970 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2094) Note: Fire tested factory assembled package cast iron unit.	156,861.58	2,516.80
23 52 23 00-0145	EA	4,510 MBH Steam, 5,241 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2194) Note: Fire tested factory assembled package cast iron unit.	166,461.61	2,642.63
23 52 23 00-0146	EA	4,781 MBH Steam, 5,568 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2294) Note: Fire tested factory assembled package cast iron unit.	172,146.16	2,642.63
23 52 23 00-0147	EA	4,961 MBH Steam, 5,787 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2394) Note: Fire tested factory assembled package cast iron unit.	178,976.58	2,768.48
23 52 23 00-0148	EA	5,232 MBH Steam, 6,117 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2494) Note: Fire tested factory assembled package cast iron unit.	184,301.44	2,768.48
23 52 23 00-0149	EA	5,413 MBH Steam, 6,338 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2594) Note: Fire tested factory assembled package cast iron unit.	190,304.55	2,894.31
23 52 23 00-0150		**Oil Fired Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23 00-0111)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0151	EA	1,584 MBH Steam, 1,784 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-894) Note: Includes field assembly of individual sections and testing.	82,572.95	10,952.28
23 52 23 00-0152	EA	1,800 MBH Steam, 2,050 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-994) Note: Includes field assembly of individual sections and testing.	89,973.88	11,578.12
23 52 23 00-0153	EA	2,024 MBH Steam, 2,310 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1094) Note: Includes field assembly of individual sections and testing.	98,987.63	12,203.96
23 52 23 00-0154	EA	2,249 MBH Steam, 2,571 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1194) Note: Includes field assembly of individual sections and testing.	105,009.68	12,829.81
23 52 23 00-0155	EA	2,474 MBH Steam, 2,834 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1294) Note: Includes field assembly of individual sections and testing.	111,281.62	13,455.66
23 52 23 00-0156	EA	2,703 MBH Steam, 3,098 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1394) Note: Includes field assembly of individual sections and testing.	119,291.98	14,081.50
23 52 23 00-0157	EA	2,928 MBH Steam, 3,362 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1494) Note: Includes field assembly of individual sections and testing.	125,881.50	14,707.34
23 52 23 00-0158	EA	3,154 MBH Steam, 3,628 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1594) Note: Includes field assembly of individual sections and testing.	131,964.81	15,333.19
23 52 23 00-0159	EA	3,378 MBH Steam, 3,894 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1694) Note: Includes field assembly of individual sections and testing.	143,062.52	15,959.03
23 52 23 00-0160	EA	3,604 MBH Steam, 4,162 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1794) Note: Includes field assembly of individual sections and testing.	149,140.68	16,584.88
23 52 23 00-0161	EA	3,834 MBH Steam, 4,430 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1894) Note: Includes field assembly of individual sections and testing.	155,217.18	17,210.72
23 52 23 00-0162	EA	4,059 MBH Steam, 4,700 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1994) Note: Includes field assembly of individual sections and testing.	166,524.38	17,836.56
23 52 23 00-0163	EA	4,285 MBH Steam, 4970 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2094) Note: Includes field assembly of individual sections and testing.	172,651.88	18,462.41
23 52 23 00-0164	EA	4,510 MBH Steam, 5,241 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2194) Note: Includes field assembly of individual sections and testing.	182,718.82	19,088.26
23 52 23 00-0165	EA	4,781 MBH Steam, 5,568 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2294) Note: Includes field assembly of individual sections and testing.	189,170.52	19,714.10
23 52 23 00-0166	EA	4,961 MBH Steam, 5,787 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2394) Note: Includes field assembly of individual sections and testing.	196,096.21	20,339.94
23 52 23 00-0167	EA	5,232 MBH Steam, 6,117 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2494) Note: Includes field assembly of individual sections and testing.	202,157.94	20,965.79
23 52 23 00-0168	EA	5,413 MBH Steam, 6,338 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2594) Note: Includes field assembly of individual sections and testing.	208,405.34	21,591.63
23 52 23 00-0169		**Oil Fired Package Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23 00-0111)*		
23 52 23 00-0170	EA	1,584 MBH Steam, 1,784 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-894) Note: Fire tested factory assembled package cast iron unit.	73,850.90	1,635.92
23 52 23 00-0171	EA	1,800 MBH Steam, 2,050 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-994) Note: Fire tested factory assembled package cast iron unit.	81,019.73	1,761.76
23 52 23 00-0172	EA	2,024 MBH Steam, 2,310 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1094) Note: Fire tested factory assembled package cast iron unit.	89,797.31	1,887.60
23 52 23 00-0173	EA	2,249 MBH Steam, 2,571 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1194) Note: Fire tested factory assembled package cast iron unit.	95,587.87	2,013.44
23 52 23 00-0174	EA	2,474 MBH Steam, 2,834 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1294) Note: Fire tested factory assembled package cast iron unit.	101,120.37	2,013.44
23 52 23 00-0175	EA	2,703 MBH Steam, 3,098 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1394) Note: Fire tested factory assembled package cast iron unit.	106,898.04	2,139.28
23 52 23 00-0176	EA	2,928 MBH Steam, 3,362 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1494) Note: Fire tested factory assembled package cast iron unit.	112,749.35	2,139.28
23 52 23 00-0177	EA	3,154 MBH Steam, 3,628 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1594) Note: Fire tested factory assembled package cast iron unit.	118,595.50	2,265.12
23 52 23 00-0178	EA	3,378 MBH Steam, 3,894 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1694) Note: Fire tested factory assembled package cast iron unit.	128,959.13	2,265.12
23 52 23 00-0179	EA	3,604 MBH Steam, 4,162 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1794) Note: Fire tested factory assembled package cast iron unit.	134,802.00	2,390.95
23 52 23 00-0180	EA	3,834 MBH Steam, 4,430 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1894) Note: Fire tested factory assembled package cast iron unit.	140,143.22	2,390.95
23 52 23 00-0181	EA	4,059 MBH Steam, 4,700 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1994) Note: Fire tested factory assembled package cast iron unit.	151,219.54	2,516.80
23 52 23 00-0182	EA	4,285 MBH Steam, 4,970 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2094) Note: Fire tested factory assembled package cast iron unit.	156,608.17	2,516.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0183	EA	4,510 MBH Steam, 5,241 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2194) Note: Fire tested factory assembled package cast iron unit.	166,438.73	2,642.63
23 52 23 00-0184	EA	4,781 MBH Steam, 5,568 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2294) Note: Fire tested factory assembled package cast iron unit.	172,154.34	2,642.63
23 52 23 00-0185	EA	4,961 MBH Steam, 5,787 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2394) Note: Fire tested factory assembled package cast iron unit.	178,844.15	2,768.48
23 52 23 00-0186	EA	5,232 MBH Steam, 6,117 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2494) Note: Fire tested factory assembled package cast iron unit.	184,169.02	2,768.48
23 52 23 00-0187	EA	5,413 MBH Steam, 6,338 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2594) Note: Fire tested factory assembled package cast iron unit.	190,181.93	2,894.31
23 52 23 00-0188		Gas/Oil Fired Weil-McLain Model 94 Cast Iron Boiler *(23 52 23 00-0111)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0189	EA	1,584 MBH Steam, 1,784 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-894) Note: Includes field assembly of individual sections and testing.	88,985.03	10,952.28
23 52 23 00-0190	EA	1,800 MBH Steam, 2,050 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-994) Note: Includes field assembly of individual sections and testing.	96,387.59	11,578.12
23 52 23 00-0191	EA	2,024 MBH Steam, 2,310 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1094) Note: Includes field assembly of individual sections and testing.	103,560.44	12,203.96
23 52 23 00-0192	EA	2,249 MBH Steam, 2,571 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1194) Note: Includes field assembly of individual sections and testing.	110,337.82	12,829.81
23 52 23 00-0193	EA	2,474 MBH Steam, 2,834 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1294) Note: Includes field assembly of individual sections and testing.	116,974.34	13,455.66
23 52 23 00-0194	EA	2,703 MBH Steam, 3,098 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1394) Note: Includes field assembly of individual sections and testing.	124,121.48	14,081.50
23 52 23 00-0195	EA	2,928 MBH Steam, 3,362 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1494) Note: Includes field assembly of individual sections and testing.	132,190.58	14,707.34
23 52 23 00-0196	EA	3,154 MBH Steam, 3,628 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1594) Note: Includes field assembly of individual sections and testing.	138,672.81	15,333.19
23 52 23 00-0197	EA	3,378 MBH Steam, 3,894 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1694) Note: Includes field assembly of individual sections and testing.	148,859.87	15,959.03
23 52 23 00-0198	EA	3,604 MBH Steam, 4,162 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1794) Note: Includes field assembly of individual sections and testing.	154,936.40	16,584.88
23 52 23 00-0199	EA	3,834 MBH Steam, 4,430 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1894) Note: Includes field assembly of individual sections and testing.	160,255.95	17,210.72
23 52 23 00-0200	EA	4,059 MBH Steam, 4,700 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1994) Note: Includes field assembly of individual sections and testing.	169,949.49	17,836.56
23 52 23 00-0201	EA	4,285 MBH Steam, 4,970 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2094) Note: Includes field assembly of individual sections and testing.	177,711.90	18,462.41
23 52 23 00-0202	EA	4,510 MBH Steam, 5,241 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2194) Note: Includes field assembly of individual sections and testing.	188,391.92	19,088.26
23 52 23 00-0203	EA	4,781 MBH Steam, 5,568 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2294) Note: Includes field assembly of individual sections and testing.	194,796.21	19,714.10
23 52 23 00-0204	EA	4,961 MBH Steam, 5,787 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2394) Note: Includes field assembly of individual sections and testing.	202,166.59	20,339.94
23 52 23 00-0205	EA	5,232 MBH Steam, 6,117 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2494) Note: Includes field assembly of individual sections and testing.	208,229.96	20,965.79
23 52 23 00-0206	EA	5,413 MBH Steam, 6,338 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2594) Note: Includes field assembly of individual sections and testing.	214,472.45	21,591.63
23 52 23 00-0207		Gas/Oil Fired Package Weil-McLain Model 94 Cast Iron Boiler *(23 52 23 00-0111)*		
23 52 23 00-0208	EA	1,584 MBH Steam, 1,784 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-894) Note: Fire tested factory assembled package cast iron unit.	80,647.18	1,635.92
23 52 23 00-0209	EA	1,800 MBH Steam, 2,050 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-994) Note: Fire tested factory assembled package cast iron unit.	87,817.64	1,761.76
23 52 23 00-0210	EA	2,024 MBH Steam, 2,310 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1094) Note: Fire tested factory assembled package cast iron unit.	94,759.24	1,887.60
23 52 23 00-0211	EA	2,249 MBH Steam, 2,571 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1194) Note: Fire tested factory assembled package cast iron unit.	101,301.85	2,013.44
23 52 23 00-0212	EA	2,474 MBH Steam, 2,834 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1294) Note: Fire tested factory assembled package cast iron unit.	107,198.93	2,013.44
23 52 23 00-0213	EA	2,703 MBH Steam, 3,098 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1394) Note: Fire tested factory assembled package cast iron unit.	112,111.74	2,139.28
23 52 23 00-0214	EA	2,928 MBH Steam, 3,362 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1494) Note: Fire tested factory assembled package cast iron unit.	119,442.63	2,139.28
23 52 23 00-0215	EA	3,154 MBH Steam, 3,628 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1594) Note: Fire tested factory assembled package cast iron unit.	125,689.33	2,265.12
23 52 23 00-0216	EA	3,378 MBH Steam, 3,894 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1694) Note: Fire tested factory assembled package cast iron unit.	135,142.32	2,265.12
23 52 23 00-0217	EA	3,604 MBH Steam, 4,162 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1794) Note: Fire tested factory assembled package cast iron unit.	140,983.56	2,390.95
23 52 23 00-0218	EA	3,834 MBH Steam, 4,430 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1894) Note: Fire tested factory assembled package cast iron unit.	145,566.19	2,390.95
23 52 23 00-0219	EA	4,059 MBH Steam, 4,700 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1994) Note: Fire tested factory assembled package cast iron unit.	155,028.86	2,516.80
23 52 23 00-0220	EA	4,285 MBH Steam, 4,970 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2094) Note: Fire tested factory assembled package cast iron unit.	162,054.02	2,516.80
23 52 23 00-0221	EA	4,510 MBH Steam, 5,241 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2194) Note: Fire tested factory assembled package cast iron unit.	172,497.67	2,642.63
23 52 23 00-0222	EA	4,781 MBH Steam, 5,568 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2294) Note: Fire tested factory assembled package cast iron unit.	178,165.86	2,642.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0223	EA	4,961 MBH Steam, 5,787 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2394) Note: Fire tested factory assembled package cast iron unit.	185,298.73	2,768.48
23 52 23 00-0224	EA	5,232 MBH Steam, 6,117 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2494) Note: Fire tested factory assembled package cast iron unit.	190,625.24	2,768.48
23 52 23 00-0225	EA	5,413 MBH Steam, 6,338 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2594) Note: Fire tested factory assembled package cast iron unit.	196,634.88	2,894.31

23 52 33 Water-Tube Boilers *(23 52)*

23 52 33 13 Finned Water-Tube Boilers *(23 52 33)*

23 52 33 13-0001 Laars Pennant 85% Efficient Water, Gas Fired, Copper Fin Tube LoNox Boiler *(23 52 33 13)*

Note: Rated by gross rated output.

23 52 33 13-0002	EA	200 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	9,092.71	682.09
23 52 33 13-0003	EA	300 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	10,008.40	757.88
23 52 33 13-0004	EA	400 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	11,508.69	909.45
23 52 33 13-0005	EA	500 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	14,638.20	947.35
23 52 33 13-0006	EA	750 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	17,203.55	1,136.82
23 52 33 13-0007	EA	1,000 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	21,130.06	1,364.18
23 52 33 13-0008	EA	1,250 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	23,971.70	1,439.97
23 52 33 13-0009	EA	1,500 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	26,541.39	1,553.65
23 52 33 13-0010	EA	1,750 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	28,923.03	1,629.44
23 52 33 13-0011	EA	2,000 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	31,013.17	1,667.34

23 52 33 13-0012 Patterson Kelly Modufire Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler *(23 52 33 13)*

Note: Rated by gross rated output.

23 52 33 13-0013	EA	1,000 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	31,445.87	1,364.18
23 52 33 13-0014	EA	1,500 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	39,232.01	1,553.65
23 52 33 13-0015	EA	2,000 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	41,808.08	1,667.34
23 52 33 13-0016	EA	2,500 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	59,022.08	1,894.70
23 52 33 13-0017	EA	3,000 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	61,945.80	2,122.06

23 52 33 13-0018 Lochinvar Copper-Fin II Finned Tube Boiler *(23 52 33 13)*

Note: Rated by gross rated output.

23 52 33 13-0019	EA	340 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0402)	14,759.76	612.04
		For High And Low Gas Pressure Switch With Manual Reset, Add	*551.17*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*488.26*	
23 52 33 13-0020	EA	425 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0502)	17,714.33	764.77
		For High And Low Gas Pressure Switch With Manual Reset, Add	*551.17*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*488.26*	
23 52 33 13-0021	EA	552.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0652)	18,994.41	918.64
		For High And Low Gas Pressure Switch With Manual Reset, Add	*551.17*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*488.26*	
23 52 33 13-0022	EA	637.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0752)	19,520.11	918.64
		For High And Low Gas Pressure Switch With Manual Reset, Add	*551.17*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*488.26*	
23 52 33 13-0023	EA	841.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0992)	24,212.54	1,148.30
		For High And Low Gas Pressure Switch With Manual Reset, Add	*551.17*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*488.26*	
23 52 33 13-0024	EA	1,071 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN1262)	28,070.71	1,148.30
		For High And Low Gas Pressure Switch With Manual Reset, Add	*551.17*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*488.26*	
23 52 33 13-0025	EA	1,224 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN1442)	30,622.85	1,148.30
		For High And Low Gas Pressure Switch With Manual Reset, Add	*551.17*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*488.26*	
23 52 33 13-0026	EA	1,530 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN1802)	32,986.31	1,377.97
		For High And Low Gas Pressure Switch With Manual Reset, Add	*551.17*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*488.26*	
23 52 33 13-0027	EA	1,759.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN2072)	39,017.73	1,607.62
		For High And Low Gas Pressure Switch With Manual Reset, Add	*551.17*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*488.26*	

23 52 33 13-0028 Raypak Cupro-Nickel Finned-Tube Boiler With Pump *(23 52 33 13)*

Note: Rated by gross rated output.

23 52 33 13-0029	EA	385 MBH Water, Gas Fired, On/Off, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H4-399B)	14,185.92	841.24
23 52 33 13-0030	EA	420 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-499B)	15,271.12	757.88
23 52 33 13-0031	EA	546 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-649B)	16,997.15	909.45
23 52 33 13-0032	EA	630 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-749B)	18,036.95	1,032.44
23 52 33 13-0033	EA	756 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-899B)	20,035.75	1,136.82
23 52 33 13-0034	EA	832 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-989B)	21,552.12	1,223.63
23 52 33 13-0035	EA	1,058 MBH Water, Gas Fired, Three Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H8-1259B)	24,630.21	1,364.18
23 52 33 13-0036	EA	1,285 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-1529B)	28,660.95	1,439.97
23 52 33 13-0037	EA	1,512 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-1799B)	30,403.32	1,553.65
23 52 33 13-0038	EA	1,679 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-1999B)	36,420.60	1,591.55
23 52 33 13-0039	EA	1,739 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-2069B)	36,535.43	1,629.44
23 52 33 13-0040	EA	1,966 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-2339B)	42,818.23	1,667.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 33 16		**Steel Water-Tube Boilers** *(23 52 33)*		
23 52 33 16-0001		Unilux 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler *(23 52 33 16)* Note: Compliant with SCAQMD.		
23 52 33 16-0002	EA	1,250 MBH Input/1,062 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF100)	92,643.59	1,837.28
23 52 33 16-0003	EA	1,750 MBH Input/1.488 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF150)	99,584.03	2,296.61
23 52 33 16-0004	EA	2,200 MBH Input/1,870 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF200)	208,412.31	2,526.26
23 52 33 16-0005	EA	2,750 MBH Input/2,338 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF250)	216,230.29	2,755.93
23 52 33 16-0006	EA	3,000 MBH Input/2,550 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF300)	219,930.17	3,100.42
23 52 33 16-0007	EA	3,750 MBH Input/3,188 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux VZ350)	231,656.00	3,444.90
23 52 33 16-0008	EA	4,300 MBH Input/3,655 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux VZ400)	236,903.04	3,559.74
23 52 33 16-0009		Unilux 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler *(23 52 33 16)* Note: Compliant with SCAQMD.		
23 52 33 16-0010	EA	1,250 MBH, 31 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF100LSG)	108,155.06	2,066.95
23 52 33 16-0011	EA	1,750 MBH, 43.5 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF150LSG)	113,526.62	2,411.43
23 52 33 16-0012	EA	2,200 MBH, 54.5 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF200LSG)	223,694.11	2,641.09
23 52 33 16-0013	EA	2,750 MBH, 68 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF250LSG)	237,531.56	2,870.76
23 52 33 16-0014	EA	3,000 MBH, 74 HP,83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF300LSG)	242,338.66	3,100.42
23 52 33 16-0015	EA	3,750 MBH, 93 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF350LSG)	251,723.20	3,444.90
23 52 33 16-0016	EA	4,300 MBH, 106.5 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF400LSG)	260,217.82	3,674.57
23 52 33 16-0017	EA	5,400 MBH, 134 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF500LSG)	256,320.00	3,904.23
23 52 33 16-0018	EA	6,250 MBH, 155 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF600LSG)	277,516.13	4,133.89
23 52 33 16-0019	EA	7,235 MBH, 179 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF700LSG)	292,023.19	4,363.55
23 52 33 16-0020	EA	8,270 MBH, 205 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF800LSG)	299,506.38	4,593.21
23 52 33 16-0021		Unilux 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler *(23 52 33 16)* Note: Compliant with SCAQMD.		
23 52 33 16-0022	EA	1,250 MBH, 31 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 100HS)	116,515.81	2,066.95
23 52 33 16-0023	EA	1,750 MBH, 43.5 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 150HS)	123,561.39	2,411.43
23 52 33 16-0024	EA	2,200 MBH, 54.5 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 200HS)	235,065.76	2,641.09
23 52 33 16-0025	EA	2,750 MBH, 68 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 250HS)	249,238.01	2,870.76
23 52 33 16-0026	EA	3,000 MBH, 74 HP,81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 300HS)	254,045.11	3,100.42
23 52 33 16-0027	EA	3,750 MBH, 93 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 350HS)	261,757.97	3,444.90
23 52 33 16-0028	EA	4,300 MBH, 106.5 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 400HS)	270,580.36	3,674.57
23 52 33 16-0029	EA	5,400 MBH, 134 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 500HS)	266,019.97	3,904.23
23 52 33 16-0030	EA	6,250 MBH, 155 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 600HS)	288,890.12	4,133.89
23 52 33 16-0031	EA	7,235 MBH, 179 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 700HS)	298,044.99	4,363.55
23 52 33 16-0032	EA	8,270 MBH, 205 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 800HS)	310,880.37	4,593.21
23 52 33 16-0033	EA	9,300 MBH, 230 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 900HS)	345,789.43	4,822.87
23 52 33 16-0034	EA	10,330 MBH, 256 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 1000HS)	500,605.32	5,052.54
23 52 33 16-0035	EA	12,400 MBH, 307 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 1200HS)	525,982.99	5,282.19

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 36		**Fire-Box Boiler** *(23 52)*		
23 52 36 00-0001		Package Oil Fired Firebox Boilers *(23 52 36)* Note: Prices are good for 15 PSI steam or 30 PSI water. Packaged type, complete with burner and all basic safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.) Normally required (Boiler HP) boiler sizes are based on HP rating and gross output.		
23 52 36 00-0002	EA	40 HP, 1,339 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	91,834.62	3,020.16
23 52 36 00-0003	EA	46 HP, 1,553 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	96,010.14	3,271.84
23 52 36 00-0004	EA	53 HP, 1,784 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	100,519.44	3,523.51
23 52 36 00-0005	EA	61 HP, 2,062 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	108,700.89	3,775.19
23 52 36 00-0006	EA	69 HP, 2,313 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	113,543.97	4,026.87
23 52 36 00-0007	EA	80 HP, 2,678 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	118,303.78	4,278.55
23 52 36 00-0008	EA	100 HP, 3,348 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	131,592.77	4,530.24
23 52 36 00-0009	EA	127 HP, 4,251 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	152,278.76	5,033.60
23 52 36 00-0010	EA	151 HP, 5,055 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	173,315.36	5,536.95
23 52 36 00-0011	EA	183 HP, 6,126 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	190,137.79	6,103.23
23 52 36 00-0012	EA	220 HP, 7,388 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	206,960.37	6,669.51
23 52 36 00-0013	EA	257 HP, 8,606 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	217,571.43	7,802.07
23 52 36 00-0014	EA	294 HP, 9,842 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	265,153.91	8,934.62
23 52 36 00-0015	EA	368 HP, 12,302 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	313,904.78	10,067.18
23 52 36 00-0016	EA	441 HP, 14,766 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	363,157.78	11,325.59
23 52 36 00-0017	EA	514 HP, 17,220 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	411,280.75	12,269.39
23 53		**Heating Boiler Feedwater Equipment** *(23 50)*		
23 53 13		**Boiler Feedwater Pumps** *(23 53)* See CSI section 23 53 16 00-0001 for boiler feedwater units.		
23 53 16		**Deaerators** *(23 53)*		
23 53 16 00-0001		Boiler Feed System *(23 53 16)*		
23 53 16 00-0002		Low Pressure Boiler Feed System *(23 53 16 00-0001)* Note: With deaerator includes pumps and accessories.		
23 53 16 00-0003	EA	20 HP, 200 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	7,310.95	1,435.18
23 53 16 00-0004	EA	34 HP, 340 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	7,902.24	1,690.80
23 53 16 00-0005	EA	54 HP, 530 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	8,484.11	1,750.03
23 53 16 00-0006	EA	67 HP, 660 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	8,755.74	1,814.24
23 53 16 00-0007	EA	78 HP, 760 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	9,266.39	1,938.93
23 53 16 00-0008	EA	104 HP, 1,020 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	14,757.53	2,101.03
23 53 16 00-0009	EA	158 HP, 1,550 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	16,642.64	2,244.43
23 53 16 00-0010	EA	219 HP, 2,150 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	19,077.77	2,556.15
23 53 16 00-0011	EA	254 HP, 2,500 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	20,989.64	2,743.19
23 53 16 00-0012	EA	305 HP, 3,000 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	22,612.44	2,930.22
23 53 16 00-0013		High Pressure Boiler Feed System *(23 53 16 00-0001)* Note: With deaerator includes pumps and accessories.		
23 53 16 00-0014	EA	10 HP, 100 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	10,096.66	1,223.59
23 53 16 00-0015	EA	20 HP, 200 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	10,529.89	1,435.18
23 53 16 00-0016	EA	34 HP, 340 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	11,724.42	1,690.80
23 53 16 00-0017	EA	54 HP, 530 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	12,666.19	1,750.03
23 53 16 00-0018	EA	67 HP, 660 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	12,889.29	1,814.24
23 53 16 00-0019	EA	78 HP, 760 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	15,542.89	1,938.93
23 53 16 00-0020	EA	104 HP, 1,020 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	20,198.45	2,101.03
23 53 16 00-0021	EA	158 HP, 1,550 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	20,725.73	2,244.43
23 53 16 00-0022	EA	183 HP, 1,800 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	22,794.76	2,403.53
23 53 16 00-0023	EA	219 HP, 2,150 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	24,527.52	2,556.15
23 53 16 00-0024	EA	254 HP, 2,500 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	26,238.48	2,743.19
23 53 16 00-0025	EA	305 HP, 3,000 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	28,306.33	2,930.22
23 53 16 00-0026		Boiler Feedwater System *(23 53 16)* Note: With deaerator includes pumps and accessories.		
23 53 16 00-0027	EA	1,380 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories	12,625.36	1,690.80
23 53 16 00-0028	EA	2,600 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories	16,447.16	1,937.06
23 53 16 00-0029	EA	4,300 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories	21,691.77	2,216.99
23 53 16 00-0030	EA	6,900 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories	26,090.09	2,557.40
23 53 16 00-0031	EA	8,500 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories	27,690.81	2,743.19
23 53 16 00-0032	EA	11,000 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories	29,214.62	2,930.22
23 53 16 00-0033	EA	13,800 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories	32,528.22	3,366.77
23 53 16 00-0034	EA	17,250 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories	42,048.36	3,865.65
23 53 16 00-0035	EA	20,700 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories	54,568.57	4,466.66
23 53 16 00-0036	EA	27,600 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories	69,066.50	5,127.27
23 53 16 00-0037	EA	34,500 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories	88,487.78	5,899.10
23 53 16 00-0038		Duplex Vacuum Condensate Pumps *(23 53 16)*		
23 53 16 00-0039	EA	7 CFM, 15 GPM, 45 Gallon Duplex Vacuum Condensate Pump Note: Two 3/4 HP vacuum pumps rated for 7 CFM, two 3/4 HP condensate pumps rated for 15 GPM at 20 PSI and 45 GAL cast iron receiver. Skidmore JVC-7-45-102.	34,977.80	997.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 53 16 00-0040	EA	9 CFM, 30 GPM, 45 Gallon Duplex Vacuum Condensate Pump Note: Two 1 HP vacuum pumps rated for 9 CFM, two 3/4 HP condensate pumps rated for 30 GPM at 15 PSI and 45 GAL cast iron receiver. Skidmore JVC-9-45-201.5.	35,764.55	1,059.87
23 53 16 00-0041	EA	12 CFM, 45 GPM, 45 Gallon Duplex Vacuum Condensate Pump Note: Two 1-1/2 HP vacuum pumps rated for 12 CFM, two 1 HP condensate pumps rated for 45 GPM at 15 PSI and 45 GAL cast iron receiver. Skidmore JVC-12-45-301.5.	36,671.68	1,122.21
23 53 16 00-0042	EA	18 CFM, 37.5 GPM, 65 Gallon Duplex Vacuum Condensate Pump Note: Two 2 HP vacuum pumps rated for 18 CFM, two 1 HP condensate pumps rated for 37.5 GPM at 20 PSI and 65 GAL cast iron receiver. Skidmore JVC-18-65-252.	35,406.32	1,184.56
23 53 16 00-0043	EA	28 CFM, 60 GPM, 110 Gallon Duplex Vacuum Condensate Pump Note: Two 3 HP vacuum pumps rated for 28 CFM, two 1-1/2 HP condensate pumps rated for 60 GPM at 20 PSI and 110 GAL cast iron receiver. Skidmore JVC-28-110-402.	48,115.93	1,246.91
23 53 16 00-0044	EA	42 CFM, 75 GPM, 110 Gallon Duplex Vacuum Condensate Pump Note: Two 5 HP vacuum pumps rated for 42 CFM, two 2 HP condensate pumps rated for 75 GPM at 20 PSI and 110 GAL cast iron receiver. Skidmore JVC-42-110-502.	50,648.11	1,309.25

23 54 Furnaces *(23 50)*

Note: All units based on output. See CSI section 23 84 13 00-0000 for humidifiers.

23 54 13 Electric-Resistance Furnaces *(23 54)*

23 54 13 00-0001 Down Flow Multi-Speed Air Handler/Electric Furnace *(23 54 13)*

23 54 13 00-0002	EA	Up To 2 Ton Down Flow Multi-Speed Air Handler/Electric Furnace Note: Excludes cooling equipment.	1,406.04	125.17
23 54 13 00-0003	EA	>2 To 3.5 Ton Down Flow Multi-Speed Air Handler/Electric Furnace Note: Excludes cooling equipment.	1,860.62	156.46
23 54 13 00-0004	EA	>3.5 To 5 Ton Down Flow Multi-Speed Air Handler/Electric Furnace Note: Excludes cooling equipment.	2,412.20	187.76

23 54 13 00-0005 Up/Horizontal Flow Multi-Speed Air Handler/Electric Furnace *(23 54 13)*

23 54 13 00-0006	EA	Up To 2 Ton Up/Horizontal Flow Multi-Speed Air Handler/Electric Furnace Note: Excludes cooling equipment.	1,406.04	125.17
23 54 13 00-0007	EA	>2 To 2.5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace Note: Excludes cooling equipment.	1,684.86	140.82
23 54 13 00-0008	EA	>2.5 To 3 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace Note: Excludes cooling equipment.	1,840.41	156.46
23 54 13 00-0009	EA	>3 to 3.5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace Note: Excludes cooling equipment.	1,923.20	172.12
23 54 13 00-0010	EA	>3.5 To 5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace Note: Excludes cooling equipment.	2,412.20	187.76

23 54 13 00-0011 Heating Coil For Air Handler/Electric Furnace *(23 54 13)*

23 54 13 00-0012	EA	5 KW Heating Coil For Air Handler/Electric Furnace	242.29	32.79
23 54 13 00-0013	EA	7 KW Heating Coil For Air Handler/Electric Furnace	277.63	36.07
23 54 13 00-0014	EA	10 KW Heating Coil For Air Handler/Electric Furnace	300.85	39.35
23 54 13 00-0015	EA	15 KW Heating Coil For Air Handler/Electric Furnace	415.02	42.63
23 54 13 00-0016	EA	20 KW Heating Coil For Air Handler/Electric Furnace	448.34	45.90

23 54 16 Fuel-Fired Furnaces *(23 54)*

23 54 16 13 Gas-Fired Furnaces *(23 54 16)*

23 54 16 13-0001 Natural Gas Fired Forced Air Furnaces *(23 54 16 13)*

Note: Excludes flue, condenser, evaporator coil, piping, thermostat, ductwork and electrical connections.

23 54 16 13-0002 Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace *(23 54 16 13-0001)*

23 54 16 13-0003	EA	40 MBH, 800 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	2,240.74	109.52
23 54 16 13-0004	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	2,384.16	125.17
23 54 16 13-0005	EA	80 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	2,751.89	140.82
23 54 16 13-0006	EA	100 MBH. 1,600 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	3,214.55	172.12
23 54 16 13-0007	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	3,428.71	187.76

23 54 16 13-0008 Up/Horizontal Flow Variable Speed, Two Stage 95% AFUE Gas Furnace *(23 54 16 13-0001)*

23 54 16 13-0009	EA	40 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	2,499.40	109.52
23 54 16 13-0010	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	2,735.80	125.17
23 54 16 13-0011	EA	80 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	2,898.95	140.82
23 54 16 13-0012	EA	80 MBH, 1,600 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3.5 tons.	3,265.37	156.46
23 54 16 13-0013	EA	100 MBH, 2,000 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	3,418.67	172.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 54 16 13-0014	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	3,602.51	187.76
23 54 16 13-0015		**Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace** *(23 54 16 13-0001)*		
23 54 16 13-0016	EA	45 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	2,196.18	109.52
23 54 16 13-0017	EA	70 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	2,521.50	125.17
23 54 16 13-0018	EA	90 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	2,727.51	156.46
23 54 16 13-0019	EA	90 MBH, 2,000 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,911.34	172.12
23 54 16 13-0020		**Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace** *(23 54 16 13-0001)*		
23 54 16 13-0021	EA	40 MBH, 1,200 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	2,895.49	109.52
23 54 16 13-0022	EA	60 MBH, 1,200 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	3,047.01	125.17
23 54 16 13-0023	EA	80 MBH, 1,600 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	3,392.52	140.82
23 54 16 13-0024	EA	100 MBH, 2,000 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	3,699.57	172.12
23 54 16 13-0025	EA	120 MBH, 2,000 CFM Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	3,964.25	187.76
23 54 16 13-0026		**Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace** *(23 54 16 13-0001)*		
23 54 16 13-0027	EA	40 MBH, 800 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,994.17	109.52
23 54 16 13-0028	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	2,099.21	125.17
23 54 16 13-0029	EA	80 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	2,341.65	140.82
23 54 16 13-0030	EA	80 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	2,361.86	140.82
23 54 16 13-0031	EA	80 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,576.02	156.46
23 54 16 13-0032	EA	100 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,713.37	172.12
23 54 16 13-0033	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,874.99	187.76
23 54 16 13-0034		**Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace** *(23 54 16 13-0001)*		
23 54 16 13-0035	EA	40 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,373.76	109.52
23 54 16 13-0036	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,501.03	125.17
23 54 16 13-0037	EA	60 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,717.19	140.82
23 54 16 13-0038	EA	80 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,719.21	140.82
23 54 16 13-0039	EA	80 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,886.89	156.46
23 54 16 13-0040	EA	100 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,933.30	172.12
23 54 16 13-0041	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,149.48	187.76
23 54 16 13-0042		**Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace** *(23 54 16 13-0001)*		
23 54 16 13-0043	EA	40 MBH, 1,200 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,393.97	109.52
23 54 16 13-0044	EA	60 MBH, 1,200 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,507.09	125.17
23 54 16 13-0045	EA	80 MBH, 1,600 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,808.13	140.82
23 54 16 13-0046	EA	100 MBH, 2,000 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,989.96	156.46
23 54 16 13-0047		**75% AFUE Gas Wall/Recessed Furnace** *(23 54 16 13-0001)*		
23 54 16 13-0048	EA	35 MBH 75% AFUE Electronic Ignition Gas Wall/Recessed Furnace	2,398.34	93.88
23 54 16 13-0049	EA	55 MBH 75% AFUE Electronic Ignition Gas Wall/Recessed Furnace	2,765.04	117.41
23 54 16 13-0050	EA	35 MBH 75% AFUE Gas Wall/Recessed Furnace	2,165.94	93.88
23 54 16 13-0051	EA	40 MBH 75% AFUE Gas Wall/Recessed Furnace	2,314.44	101.76
23 54 16 13-0052	EA	50 MBH 75% AFUE Gas Wall/Recessed Furnace	2,291.16	109.52
23 54 16 13-0053	EA	65 MBH 75% AFUE Gas Wall/Recessed Furnace	2,358.94	117.41
23 54 16 13-0054	EA	75 MBH 75% AFUE Gas Wall/Recessed Furnace	2,443.97	117.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 54 16 13-0055		**Gas Fired Indoor Duct Furnace** *(23 54 16 13-0001)* Note: Includes burner, controls and electronic ignition.		
23 54 16 13-0056		**Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace** *(23 54 16 13-0055)*		
23 54 16 13-0057	EA	100 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,050.58	244.09
23 54 16 13-0058	EA	150 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,390.28	300.42
23 54 16 13-0059	EA	200 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,823.41	431.85
23 54 16 13-0060	EA	250 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	4,312.05	488.17
23 54 16 13-0061	EA	300 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	5,027.49	563.28
23 54 16 13-0062	EA	350 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	5,509.24	675.94
23 54 16 13-0063	EA	400 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	6,249.29	901.25
23 54 16 13-0064		**Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace** *(23 54 16 13-0055)* Note: Includes burner, controls and electronic ignition.		
23 54 16 13-0065	EA	100 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,424.81	244.09
23 54 16 13-0066	EA	150 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,758.92	300.42
23 54 16 13-0067	EA	200 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	4,329.83	431.85
23 54 16 13-0068	EA	250 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	4,909.70	488.17
23 54 16 13-0069	EA	300 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	6,058.95	563.28
23 54 16 13-0070	EA	350 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	6,628.21	675.94
23 54 16 13-0071	EA	400 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	7,306.82	901.25
23 54 16 13-0072		**Natural Gas Fired Forced Air Furnaces** *(23 54 16 13)* Note: Excludes flue, condenser, evaporator coil, piping, ductwork and electrical connections.		
23 54 16 13-0073		**70% AFUE Gas Wall/Recessed Furnace** *(23 54 16 13-0072)*		
23 54 16 13-0074	EA	25 MBH 70% AFUE Gas Wall/Recessed Furnace (Williams 2509622A) Note: Includes millivolt thermostate (P322016)	1,632.20	250.35
		For 100 CFM, Automatic Blower Option (Williams 2901), Add	*326.70*	
		For 125 CFM, Automatic Blower Option (Williams 2907), Add	*385.74*	
		For Rear Outlet Register Option (Williams 6901), Add	*85.05*	
		For Starter Kit Option (Williams 9929), Add *Note: Includes a hold down plate, two spacer plates, a oval to round adapter, and two 4" oval pipes that are two feet in length.*	*399.20*	
		For Freestanding Installation Kit Option (Williams 4901), Add *Note: For single-sided furnaces to be surface mounted rather than recessed into the wall.*	*459.46*	
23 54 16 13-0075	EA	35 MBH 70% AFUE Gas Wall/Recessed Furnace (Williams 3509622A) Note: Includes millivolt thermostate (P322016)	1,750.72	271.21
		For 100 CFM, Automatic Blower Option (Williams 2901), Add	*326.70*	
		For 125 CFM, Automatic Blower Option (Williams 2907), Add	*385.74*	
		For Rear Outlet Register Option (Williams 6901), Add	*85.05*	
		For Starter Kit Option (Williams 9929), Add *Note: Includes a hold down plate, two spacer plates, a oval to round adapter, and two 4" oval pipes that are two feet in length.*	*399.20*	
		For Freestanding Installation Kit Option (Williams 4901), Add *Note: For single-sided furnaces to be surface mounted rather than recessed into the wall.*	*459.46*	
23 54 16 13-0076	EA	50 MBH 70% AFUE Gas Wall/Recessed Furnace (Williams 5009622A) Note: Includes millivolt thermostate (P322016)	2,253.04	292.07
		For 100 CFM, Automatic Blower Option (Williams 2901), Add	*326.70*	
		For 125 CFM, Automatic Blower Option (Williams 2907), Add	*385.74*	
		For Rear Outlet Register Option (Williams 6901), Add	*85.05*	
		For Starter Kit Option (Williams 9929), Add *Note: Includes a hold down plate, two spacer plates, a oval to round adapter, and two 4" oval pipes that are two feet in length.*	*399.20*	
		For Freestanding Installation Kit Option (Williams 4901), Add *Note: For single-sided furnaces to be surface mounted rather than recessed into the wall.*	*459.46*	
23 54 16 16		**Oil-Fired Furnaces** *(23 54 16)*		
23 54 16 16-0001		**Oil Fired Forced Air Furnaces** *(23 54 16 16)* Note: Excludes flue, condenser, evaporator coil, piping, thermostat, ductwork and electrical connections.		
23 54 16 16-0002		**Up Flow Single Speed, One Stage 81% AFUE Oil Furnace** *(23 54 16 16-0001)*		
23 54 16 16-0003	EA	72 MBH, 1,220 CFM Up Flow Single Speed, One Stage 84% AFUE Oil Furnace Note: Blower cooling capacity up to 3 tons.	3,879.62	125.17
23 54 16 16-0004	EA	95 MBH, 1,590 CFM Up Flow Single Speed, One Stage 83% AFUE Oil Furnace Note: Blower cooling capacity up to 4 tons.	4,111.83	172.12
23 54 16 16-0005	EA	126 MBH, 1,835 CFM Up Flow Single Speed, One Stage 83% AFUE Oil Furnace Note: Blower cooling capacity up to 5 tons.	4,744.25	203.41
23 54 16 16-0006		**Down/Horizontal Flow Single Speed, One Stage 81% AFUE Oil Furnace** *(23 54 16 16-0001)*		
23 54 16 16-0007	EA	95 MBH, 1,210 CFM Down/Horizontal Flow Single Speed, One Stage 83% AFUE Oil Furnace Note: Blower cooling capacity up to 3 tons.	4,487.72	172.12
23 54 16 16-0008	EA	126 MBH, 2,005 CFM Down/Horizontal Flow Single Speed, One Stage 84% AFUE Oil Furnace Note: Blower cooling capacity up to 5 tons.	4,515.89	203.41
23 54 16 16-0009		**Up Flow Lowboy Single Speed, One Stage 81% AFUE Oil Furnace** *(23 54 16 16-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 54 16 16-0010	EA	95 MBH, 1,550 CFM Up Flow Lowboy Single Speed, One Stage 83% AFUE Oil Furnace Note: Blower cooling capacity up to 4 tons.	3,873.37	172.12
23 54 16 16-0011	EA	127 MBH, 2,130 CFM Up Flow Lowboy Single Speed, One Stage 83% AFUE Oil Furnace Note: Blower cooling capacity up to 5 tons.	4,598.75	203.41

23 54 19 Furnace Accessories *(23 54)*

23 54 19 00-0001	EA	LP Gas Furnace Conversion Kit	220.55	31.29
23 54 19 00-0002	EA	1" Furnace External Filter Rack	67.31	
23 54 19 00-0003	EA	Removal And Reinstallation Of Forced Air Furnace Note: Includes storage and cleaning. Excludes ductwork.	579.50	

23 55 Fuel-Fired Heaters *(23 50)*

23 55 23 Gas-Fired Radiant Heaters *(23 55)*

23 55 23 13 Low-Intensity Gas-Fired Radiant Heaters *(23 55 23)*

23 55 23 13-0001 Infrared Heaters-Radiant Energy *(23 55 23 13)*
Note: For spot localized or total heating, ceiling hung units, no fan required.

23 55 23 13-0002 Gas Fired Electric Ignition Infrared Gas Heater *(23 55 23 13-0001)*
Note: Ceramic combustion, surface chromized wire screen aluminized steel housing and polished aluminum reflector.

23 55 23 13-0003	EA	15,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	1,118.18	124.69
23 55 23 13-0004	EA	37,500 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	1,230.95	137.16
23 55 23 13-0005	EA	50,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	1,319.19	137.16
23 55 23 13-0006	EA	75,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	1,656.56	164.59
23 55 23 13-0007	EA	100,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	1,671.43	164.59

23 55 23 13-0008 Rolled Steel Or Aluminum Housing Infrared Electric Heater *(23 55 23 13-0001)*
Note: Anodized aluminum reflector and quartz/tungsten tubular element with an inner heavy-duty coiled element.

23 55 23 13-0009	EA	1,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,259.27	137.69
		For Stainless Steel Housing, Add	*210.51*	
23 55 23 13-0010	EA	3,200 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,349.95	137.69
		For Stainless Steel Housing, Add	*233.18*	
23 55 23 13-0011	EA	5,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,453.58	137.69
		For Stainless Steel Housing, Add	*259.08*	
23 55 23 13-0012	EA	7,300 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,578.17	137.69
		For Stainless Steel Housing, Add	*290.23*	
23 55 23 13-0013	EA	10,950 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,725.47	150.20
		For Stainless Steel Housing, Add	*323.40*	
23 55 23 13-0014	EA	13,500 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,844.15	162.72
		For Stainless Steel Housing, Add	*348.28*	
23 55 23 13-0015	EA	24,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	2,988.86	175.25
		For Stainless Steel Housing, Add	*621.92*	

23 55 23 13-0016 Gas Fired Tubular Infrared Heater *(23 55 23 13-0001)*
Note: Per Tube Length. Includes controls and supports.

23 55 23 13-0017 "U" Package *(23 55 23 13-0016)*

23 55 23 13-0018	LF	Up To 75 MBH Input Radiant Heater	105.35	6.23
23 55 23 13-0019	LF	76 To 105 MBH Input Radiant Heater	121.46	7.48
23 55 23 13-0020	LF	106 To 130 MBH Input Radiant Heater	148.72	8.73

23 55 23 13-0021 "S" Straight Package *(23 55 23 13-0016)*

23 55 23 13-0022	LF	Up To 75 MBH Input Radiant Heater	85.52	4.98
23 55 23 13-0023	LF	76 To 105 MBH Input Radiant Heater	109.07	6.23
23 55 23 13-0024	LF	106 To 130 MBH Input Radiant Heater	132.59	7.48

23 55 33 Fuel-Fired Unit Heaters *(23 55)*

23 55 33 13 Oil-Fired Unit Heaters *(23 55 33)*

23 55 33 13-0001 Oil Fired Unit Heater *(23 55 33 13)*

23 55 33 13-0002 Horizontal Fan Propelled Oil Fired Unit Heater, 115 Voltl, 1 phase *(23 55 33 13-0001)*

23 55 33 13-0003	EA	97 MBH Output, 2,000 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	6,357.04	574.15
		For 3 Phase, 460 Volt, Add	*671.93*	
23 55 33 13-0004	EA	142 MBH Output, 3,200 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	6,828.93	631.56
		For 3 Phase, 460 Volt, Add	*718.01*	
23 55 33 13-0005	EA	188 MBH Output, 3,200 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	7,341.70	688.98
		For 3 Phase, 460 Volt, Add	*769.29*	

23 55 33 16 Gas-Fired Unit Heaters *(23 55 33)*

23 55 33 16-0001 Gas Fired Unit Heaters *(23 55 33 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 55 33 16-0002		Horizontal Fan Propelled Natural Gas Fired Unit Heaters, 115 Vol, 1 phase		
		(23 55 33 16-0001)		
		Note: 80 to 83 percent thermal efficiency, single stage, propeller unit, aluminum steel heat exchanger		
23 55 33 16-0003	EA	24.3 MBH Output, 30 MBH Input, 500 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,893.60	215.30
		For 90 Percent Efficiency, Add	*825.11*	
		For Stainless Steel Heat Exchanger, Add	*215.51*	
		For 30 Degree, Downward Air Deflection Hood, Add	*59.11*	
		For 60 Degree, Downward Air Deflection Hood, Add	*94.83*	
		For 90 Degree, Downward Air Deflection Hood, Add	*141.62*	
		For 3 Phase, 460 Volt, Add	*317.73*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	
23 55 33 16-0004	EA	36.5 MBH Output, 45 MBH Input, 750 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	3,148.98	258.37
		For 90 Percent Efficiency, Add	*881.82*	
		For Stainless Steel Heat Exchanger, Add	*230.33*	
		For 30 Degree, Downward Air Deflection Hood, Add	*63.17*	
		For 60 Degree, Downward Air Deflection Hood, Add	*101.34*	
		For 90 Degree, Downward Air Deflection Hood, Add	*151.36*	
		For 3 Phase, 460 Volt, Add	*339.57*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	
23 55 33 16-0005	EA	48.6 MBH Output, 60 MBH Input, 1,000 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	3,200.57	258.37
		For Blower Unit Model, Add	*254.97*	
		For 90 Percent Efficiency, Add	*899.10*	
		For Stainless Steel Heat Exchanger, Add	*234.84*	
		For 30 Degree, Downward Air Deflection Hood, Add	*64.41*	
		For 60 Degree, Downward Air Deflection Hood, Add	*103.33*	
		For 90 Degree, Downward Air Deflection Hood, Add	*154.32*	
		For 3 Phase, 460 Volt, Add	*346.22*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	
23 55 33 16-0006	EA	60.8 MBH Output, 75 MBH Input, 1,250 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	3,480.79	301.43
		For Blower Unit Model, Add	*273.41*	
		For 90 Percent Efficiency, Add	*964.11*	
		For Stainless Steel Heat Exchanger, Add	*251.82*	
		For 30 Degree, Downward Air Deflection Hood, Add	*69.07*	
		For 60 Degree, Downward Air Deflection Hood, Add	*110.80*	
		For 90 Degree, Downward Air Deflection Hood, Add	*165.48*	
		For 3 Phase, 460 Volt, Add	*371.26*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	
23 55 33 16-0007	EA	72.9 MBH Output, 90 MBH Input, 1,400 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	3,818.74	344.49
		For Blower Unit Model, Add	*297.33*	
		For 90 Percent Efficiency, Add	*1,048.49*	
		For Stainless Steel Heat Exchanger, Add	*273.86*	
		For 30 Degree, Downward Air Deflection Hood, Add	*75.12*	
		For 60 Degree, Downward Air Deflection Hood, Add	*120.50*	
		For 90 Degree, Downward Air Deflection Hood, Add	*179.96*	
		For 3 Phase, 460 Volt, Add	*403.75*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	
23 55 33 16-0008	EA	81 MBH Output, 100 MBH Input, 1,600 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	4,101.28	366.02
		For Blower Unit Model, Add	*320.08*	
		For 90 Percent Efficiency, Add	*1,128.72*	
		For Stainless Steel Heat Exchanger, Add	*294.81*	
		For 30 Degree, Downward Air Deflection Hood, Add	*80.86*	
		For 60 Degree, Downward Air Deflection Hood, Add	*129.72*	
		For 90 Degree, Downward Air Deflection Hood, Add	*193.74*	
		For 3 Phase, 460 Volt, Add	*434.64*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	
23 55 33 16-0009	EA	101.3 MBH Output, 125 MBH Input, 2,200 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	4,231.36	366.02
		For Blower Unit Model, Add	*332.44*	
		For 90 Percent Efficiency, Add	*1,172.30*	
		For Stainless Steel Heat Exchanger, Add	*306.20*	
		For 30 Degree, Downward Air Deflection Hood, Add	*83.99*	
		For 60 Degree, Downward Air Deflection Hood, Add	*134.73*	
		For 90 Degree, Downward Air Deflection Hood, Add	*201.21*	
		For 3 Phase, 460 Volt, Add	*451.42*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	
23 55 33 16-0010	EA	121.5 MBH Output, 150 MBH Input, 2,400 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	4,350.15	366.02
		For Blower Unit Model, Add	*343.73*	
		For 90 Percent Efficiency, Add	*1,212.09*	
		For Stainless Steel Heat Exchanger, Add	*316.59*	
		For 30 Degree, Downward Air Deflection Hood, Add	*86.84*	
		For 60 Degree, Downward Air Deflection Hood, Add	*139.30*	
		For 90 Degree, Downward Air Deflection Hood, Add	*208.05*	
		For 3 Phase, 460 Volt, Add	*466.75*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	
23 55 33 16-0011	EA	141.8 MBH Output, 175 MBH Input, 2,850 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	4,937.13	387.55
		For Blower Unit Model, Add	*395.40*	
		For 90 Percent Efficiency, Add	*1,394.30*	
		For Stainless Steel Heat Exchanger, Add	*364.18*	
		For 30 Degree, Downward Air Deflection Hood, Add	*99.89*	
		For 60 Degree, Downward Air Deflection Hood, Add	*160.24*	
		For 90 Degree, Downward Air Deflection Hood, Add	*239.32*	
		For 3 Phase, 460 Volt, Add	*536.91*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 55 33 16-0012	EA	162 MBH Output, 200 MBH Input, 3,200 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	5,445.00	387.55
		For Blower Unit Model, Add	*443.65*	
		For 90 Percent Efficiency, Add	*1,564.44*	
		For Stainless Steel Heat Exchanger, Add	*408.62*	
		For 30 Degree, Downward Air Deflection Hood, Add	*112.08*	
		For 60 Degree, Downward Air Deflection Hood, Add	*179.79*	
		For 90 Degree, Downward Air Deflection Hood, Add	*268.52*	
		For 3 Phase, 460 Volt, Add	*602.42*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	
23 55 33 16-0013	EA	202.5 MBH Output, 250 MBH Input, 3,450 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	5,866.16	387.55
		For Blower Unit Model, Add	*483.66*	
		For 90 Percent Efficiency, Add	*1,705.53*	
		For Stainless Steel Heat Exchanger, Add	*445.47*	
		For 30 Degree, Downward Air Deflection Hood, Add	*122.19*	
		For 60 Degree, Downward Air Deflection Hood, Add	*196.01*	
		For 90 Degree, Downward Air Deflection Hood, Add	*292.74*	
		For 3 Phase, 460 Volt, Add	*656.75*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	
23 55 33 16-0014	EA	243 MBH Output, 300 MBH Input, 5,000 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	7,038.37	430.62
		For Blower Unit Model, Add	*586.82*	
		For 90 Percent Efficiency, Add	*2,069.32*	
		For Stainless Steel Heat Exchanger, Add	*540.49*	
		For 30 Degree, Downward Air Deflection Hood, Add	*148.25*	
		For 60 Degree, Downward Air Deflection Hood, Add	*237.82*	
		For 90 Degree, Downward Air Deflection Hood, Add	*355.18*	
		For 3 Phase, 460 Volt, Add	*796.84*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	
23 55 33 16-0015	EA	283.5 MBH Output, 350 MBH Input, 5,600 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	7,992.18	430.62
		For Blower Unit Model, Add	*677.43*	
		For 90 Percent Efficiency, Add	*2,388.84*	
		For Stainless Steel Heat Exchanger, Add	*623.95*	
		For 30 Degree, Downward Air Deflection Hood, Add	*171.14*	
		For 60 Degree, Downward Air Deflection Hood, Add	*274.54*	
		For 90 Degree, Downward Air Deflection Hood, Add	*410.03*	
		For 3 Phase, 460 Volt, Add	*919.88*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	
23 55 33 16-0016	EA	324 MBH Output, 400 MBH Input, 5,800 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	8,565.45	473.67
		For Blower Unit Model, Add	*723.72*	
		For 90 Percent Efficiency, Add	*2,552.06*	
		For Stainless Steel Heat Exchanger, Add	*666.58*	
		For 30 Degree, Downward Air Deflection Hood, Add	*182.83*	
		For 60 Degree, Downward Air Deflection Hood, Add	*293.30*	
		For 90 Degree, Downward Air Deflection Hood, Add	*438.04*	
		For 3 Phase, 460 Volt, Add	*982.73*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	

23 55 33 16-0017 Removal And Reinstallation Of Unit Heaters *(23 55 33 16)*

Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.

23 55 33 16-0018	EA	Removal And Reinstallation Of Up To 101.3 MBH Output Gas or Oil Unit Heater	716.97	
23 55 33 16-0019	EA	Removal And Reinstallation Of >101.3 MBH Output Gas or Oil Unit Heater	966.35	

23 57 Heat Exchangers for HVAC *(23 50)*

23 57 13 Steam-To-Steam Heat Exchangers *(23 57)*

23 57 13 00-0001 Steam Generator Heat Exchanger *(23 57 13)*

Note: 35 PSI generated steam using 180 degree feed water; 400 degree F water to valve.

23 57 13 00-0002	EA	75 Lb./Hour Steam Generator Heat Exchanger, 35 PSI	23,194.37	1,995.05
23 57 13 00-0003	EA	300 Lb./Hour Steam Generator Heat Exchanger, 35 PSI	31,352.97	2,119.74
23 57 13 00-0004	EA	525 Lb./Hour Steam Generator Heat Exchanger, 35 PSI	42,365.02	2,665.42

23 57 16 Steam-To-Water Heat Exchangers *(23 57)*

23 57 16 00-0001 Heat Exchanger, Hot Water 40 To 180 Degree By Steam 10 PSI *(23 57 16)*

Note: Cast iron head steel shell 4 pass 3/4" outside diameter copper tubes. Excludes controls expansion tank and accessories.

23 57 16 00-0002	EA	8 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	2,702.37	311.73
		For Bronze Head And Tube Sheet, Add	*1,029.03*	
		For Copper Nickel Tubes, Add	*228.67*	
		For Double Wall Tube Bundles, Add	*343.01*	
23 57 16 00-0003	EA	10 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	3,961.54	311.73
		For Bronze Head And Tube Sheet, Add	*1,558.25*	
		For Copper Nickel Tubes, Add	*346.28*	
		For Double Wall Tube Bundles, Add	*519.42*	
23 57 16 00-0004	EA	40 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	5,980.94	436.42
		For Bronze Head And Tube Sheet, Add	*2,410.87*	
		For Copper Nickel Tubes, Add	*535.75*	
		For Double Wall Tube Bundles, Add	*803.62*	
23 57 16 00-0005	EA	64 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	9,413.82	436.42
		For Bronze Head And Tube Sheet, Add	*3,675.11*	
		For Copper Nickel Tubes, Add	*816.69*	
		For Double Wall Tube Bundles, Add	*1,225.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 57 16 00-0006	EA	96 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	12,404.27	513.73
		For Bronze Head And Tube Sheet, Add	*4,880.54*	
		For Copper Nickel Tubes, Add	*1,084.57*	
		For Double Wall Tube Bundles, Add	*1,626.85*	
23 57 16 00-0007	EA	120 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	16,341.09	660.77
		For Bronze Head And Tube Sheet, Add	*6,409.39*	
		For Copper Nickel Tubes, Add	*1,424.31*	
		For Double Wall Tube Bundles, Add	*2,136.46*	
23 57 16 00-0008	EA	168 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	20,171.91	991.78
		For Bronze Head And Tube Sheet, Add	*7,850.03*	
		For Copper Nickel Tubes, Add	*1,744.45*	
		For Double Wall Tube Bundles, Add	*2,616.68*	
23 57 16 00-0009	EA	240 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	30,588.71	991.78
		For Bronze Head And Tube Sheet, Add	*12,230.76*	
		For Copper Nickel Tubes, Add	*2,717.95*	
		For Double Wall Tube Bundles, Add	*4,076.92*	

23 57 19 Liquid-To-Liquid Heat Exchangers *(23 57)*

23 57 19 19 Copper Tube, Water-To-Water Heat Exchanger *(23 57 19)*

23 57 19 19-0001 Heat Exchanger Hot Water 40-140 Degree By Water At 200 Degree F *(23 57 19 19)*

Note: Cast iron head steel shell 4 pass 3/4" outside diameter copper tubes.

23 57 19 19-0002	EA	7 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	3,225.06	311.73
		For Copper Nickel Tubes, Add	*280.94*	
		For Double Wall Tube Bundles, Add	*421.41*	
23 57 19 19-0003	EA	16 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	4,484.22	311.73
		For Copper Nickel Tubes, Add	*398.55*	
		For Double Wall Tube Bundles, Add	*597.82*	
23 57 19 19-0004	EA	34 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	6,699.63	436.42
		For Copper Nickel Tubes, Add	*607.62*	
		For Double Wall Tube Bundles, Add	*911.43*	
23 57 19 19-0005	EA	55 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	9,586.19	436.42
		For Copper Nickel Tubes, Add	*875.49*	
		For Double Wall Tube Bundles, Add	*1,313.24*	
23 57 19 19-0006	EA	74 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	11,864.58	498.77
		For Copper Nickel Tubes, Add	*1,078.03*	
		For Double Wall Tube Bundles, Add	*1,617.05*	
23 57 19 19-0007	EA	86 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	15,816.96	498.77
		For Copper Nickel Tubes, Add	*1,450.44*	
		For Double Wall Tube Bundles, Add	*2,175.66*	
23 57 19 19-0008	EA	112 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	19,636.89	495.89
		For Copper Nickel Tubes, Add	*1,803.25*	
		For Double Wall Tube Bundles, Add	*2,704.88*	
23 57 19 19-0009	EA	126 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	24,423.47	495.89
		For Copper Nickel Tubes, Add	*2,247.53*	
		For Double Wall Tube Bundles, Add	*3,371.30*	
23 57 19 19-0010	EA	152 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	31,226.97	495.89
		For Copper Nickel Tubes, Add	*2,874.75*	
		For Double Wall Tube Bundles, Add	*4,312.13*	

23 57 19 23 Refrigerant-To-Water Heat Exchanger *(23 57 19)*

23 57 19 23-0001 Heat Exchanger Refrigerant To Water *(23 57 19 23)*

23 57 19 23-0002	EA	10 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	3,643.61	249.38
		For Copper Nickel Tubes, Add	*314.48*	
		For Double Wall Tube Bundles, Add	*471.73*	
23 57 19 23-0003	EA	53 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	9,725.40	415.60
		For Copper Nickel Tubes, Add	*889.41*	
		For Double Wall Tube Bundles, Add	*1,334.12*	
23 57 19 23-0004	EA	70 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	13,106.04	542.16
		For Copper Nickel Tubes, Add	*1,202.37*	
		For Double Wall Tube Bundles, Add	*1,803.55*	
23 57 19 23-0005	EA	87 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	14,054.01	656.24
		For Copper Nickel Tubes, Add	*1,274.42*	
		For Double Wall Tube Bundles, Add	*1,911.64*	
23 57 19 23-0006	EA	105 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	16,976.89	787.60
		For Copper Nickel Tubes, Add	*1,537.63*	
		For Double Wall Tube Bundles, Add	*2,306.45*	

23 60 Central Cooling Equipment *(23)*

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0110 for terminations, 26 28 16 16-0001 for disconnect.

23 61 Refrigerant Compressors *(23 60)*

23 61 16 Reciprocating Refrigerant Compressors *(23 61)*

23 61 16 00-0001 Reciprocating Open Type Refrigerant Compressors *(23 61 16)*

Note: Includes manual reversible oil pump and automatic pressure regulator. Excludes muffler, vibration isolators, crank case oil heaters, couplings and flywheel.

23 61 16 00-0002	EA	1/4 Ton Refrigerant Compressor, Reciprocating Open Type	930.65	118.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 61 16 00-0003	EA	1/3 Ton Refrigerant Compressor, Reciprocating Open Type	1,122.16	118.21
23 61 16 00-0004	EA	1/2 Ton Refrigerant Compressor, Reciprocating Open Type	1,532.37	147.71
23 61 16 00-0005	EA	3/4 Ton Refrigerant Compressor, Reciprocating Open Type	1,927.36	147.71
23 61 16 00-0006	EA	1 Ton Refrigerant Compressor, Reciprocating Open Type	2,166.75	147.71
23 61 16 00-0007	EA	1-1/4 Ton Refrigerant Compressor, Reciprocating Open Type	2,192.53	153.68
23 61 16 00-0008	EA	1-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	2,206.49	153.68
23 61 16 00-0009	EA	1-3/4 Ton Refrigerant Compressor, Reciprocating Open Type	2,425.64	165.49
23 61 16 00-0010	EA	2 Ton Refrigerant Compressor, Reciprocating Open Type	2,608.88	177.32
23 61 16 00-0011	EA	2-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	2,847.96	189.14
23 61 16 00-0012	EA	3 Ton Refrigerant Compressor, Reciprocating Open Type	3,258.91	189.14
23 61 16 00-0013	EA	3-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	3,665.56	200.95
23 61 16 00-0014	EA	4 Ton Refrigerant Compressor, Reciprocating Open Type	3,737.11	212.78
23 61 16 00-0015	EA	4-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	3,796.77	218.64
23 61 16 00-0016	EA	5 Ton Refrigerant Compressor, Reciprocating Open Type	5,209.60	1,144.54
23 61 16 00-0017	EA	7.5 Ton Refrigerant Compressor, Reciprocating Open Type	8,114.23	1,307.98
23 61 16 00-0018	EA	10 Ton Refrigerant Compressor, Reciprocating Open Type	11,019.03	1,471.55
23 61 16 00-0019	EA	12.5 Ton Refrigerant Compressor, Reciprocating Open Type	14,777.84	1,594.07
23 61 16 00-0020	EA	15 Ton Refrigerant Compressor, Reciprocating Open Type	18,537.02	1,716.81
23 61 16 00-0021	EA	20 Ton Refrigerant Compressor, Reciprocating Open Type	22,244.43	2,060.16
23 61 16 00-0022	EA	25 Ton Refrigerant Compressor, Reciprocating Open Type	26,932.44	2,214.28
23 61 16 00-0023	EA	30 Ton Refrigerant Compressor, Reciprocating Open Type	31,443.82	2,341.10
23 61 16 00-0024	EA	50 Ton Refrigerant Compressor, Reciprocating Open Type	41,470.02	2,641.27
23 61 16 00-0025	EA	60 Ton Refrigerant Compressor, Reciprocating Open Type	49,155.02	2,710.54
23 61 16 00-0026	EA	70 Ton Refrigerant Compressor, Reciprocating Open Type	61,892.26	2,779.69
23 61 16 00-0027	EA	75 Ton Refrigerant Compressor, Reciprocating Open Type	65,066.48	2,814.38
23 61 16 00-0028	EA	80 Ton Refrigerant Compressor, Reciprocating Open Type	68,106.27	2,848.96
23 61 16 00-0029	EA	90 Ton Refrigerant Compressor, Reciprocating Open Type	73,793.72	2,918.12
23 61 16 00-0030	EA	100 Ton Refrigerant Compressor, Reciprocating Open Type	78,951.50	2,987.50
23 61 16 00-0031	EA	110 Ton Refrigerant Compressor, Reciprocating Open Type	84,457.57	3,480.60
23 61 16 00-0032	EA	120 Ton Refrigerant Compressor, Reciprocating Open Type	88,562.22	3,558.50
23 61 16 00-0033	EA	130 Ton Refrigerant Compressor, Reciprocating Open Type	92,090.05	3,603.80
23 61 16 00-0034	EA	140 Ton Refrigerant Compressor, Reciprocating Open Type	95,185.74	3,715.29
23 61 16 00-0035	EA	150 Ton Refrigerant Compressor, Reciprocating Open Type	97,702.52	3,793.19
23 61 16 00-0036	EA	175 Ton Refrigerant Compressor, Reciprocating Open Type	100,257.52	3,897.13
23 61 16 00-0037	EA	185 Ton Refrigerant Compressor, Reciprocating Open Type	102,718.31	3,939.04
23 61 16 00-0038	EA	200 Ton Refrigerant Compressor, Reciprocating Open Type	105,215.34	4,004.23
23 61 16 00-0039	EA	225 Ton Refrigerant Compressor, Reciprocating Open Type	108,034.67	4,274.28
23 61 16 00-0040	EA	250 Ton Refrigerant Compressor, Reciprocating Open Type	110,789.61	4,504.69

23 61 16 00-0041 Reciprocating Hermetic Type Refrigerant Compressors *(23 61 16)*

Note: Includes automatic reversible oil pump, suction and discharge shut-off valves, device for loading and unloading compressor cylinders and crank case oil heater. Excludes mufflers and vibration isolators.

23 61 16 00-0042 Reciprocating Hermetic Type Refrigerant Compressors <5 Tons *(23 61 16 00-0041)*

23 61 16 00-0043	EA	1/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,616.83	118.21
23 61 16 00-0044	EA	1/3 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,675.58	118.21
23 61 16 00-0045	EA	1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,793.44	147.71
23 61 16 00-0046	EA	3/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,852.15	147.71
23 61 16 00-0047	EA	1 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,881.53	147.71
23 61 16 00-0048	EA	1-1/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,940.34	153.68
23 61 16 00-0049	EA	1-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	2,004.96	153.68
23 61 16 00-0050	EA	1-3/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	2,151.95	165.49
23 61 16 00-0051	EA	2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	2,293.09	177.32
23 61 16 00-0052	EA	2-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	2,492.93	189.14
23 61 16 00-0053	EA	3 Ton Refrigerant Compressor, Reciprocating Hermetic Type	2,610.43	189.14
23 61 16 00-0054	EA	3-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	2,810.27	200.95
23 61 16 00-0055	EA	4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	3,362.61	212.78
23 61 16 00-0056	EA	4-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	3,697.47	218.64

23 61 16 00-0057 Reciprocating Hermetic Type Refrigerant Compressors *(23 61 16 00-0041)*

23 61 16 00-0058	EA	5 Ton Refrigerant Compressor, Reciprocating Hermetic Type	4,485.69	588.62
23 61 16 00-0059	EA	10 Ton Refrigerant Compressor, Reciprocating Hermetic Type	8,823.09	735.77
23 61 16 00-0060	EA	15 Ton Refrigerant Compressor, Reciprocating Hermetic Type	14,982.30	895.74
23 61 16 00-0061	EA	20 Ton Refrigerant Compressor, Reciprocating Hermetic Type	19,168.08	1,030.08
23 61 16 00-0062	EA	25 Ton Refrigerant Compressor, Reciprocating Hermetic Type	21,164.13	1,144.54
23 61 16 00-0063	EA	30 Ton Refrigerant Compressor, Reciprocating Hermetic Type	23,450.87	1,287.60
23 61 16 00-0064	EA	35 Ton Refrigerant Compressor, Reciprocating Hermetic Type	30,476.98	1,471.55
23 61 16 00-0065	EA	40 Ton Refrigerant Compressor, Reciprocating Hermetic Type	39,513.25	1,471.55
23 61 16 00-0066	EA	50 Ton Refrigerant Compressor, Reciprocating Hermetic Type	48,877.97	1,716.81
23 61 16 00-0067	EA	60 Ton Refrigerant Compressor, Reciprocating Hermetic Type	55,097.80	1,839.43
23 61 16 00-0068	EA	70 Ton Refrigerant Compressor, Reciprocating Hermetic Type	58,227.31	1,927.70
23 61 16 00-0069	EA	75 Ton Refrigerant Compressor, Reciprocating Hermetic Type	59,828.55	2,022.93
23 61 16 00-0070	EA	80 Ton Refrigerant Compressor, Reciprocating Hermetic Type	61,564.20	2,030.77
23 61 16 00-0071	EA	90 Ton Refrigerant Compressor, Reciprocating Hermetic Type	64,674.18	2,126.34
23 61 16 00-0072	EA	100 Ton Refrigerant Compressor, Reciprocating Hermetic Type	67,822.00	2,214.28

23 61 19 Scroll Refrigerant Compressors *(23 61)*

23 61 19 00-0001 Scroll Refrigerant Compressors *(23 61 19)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 61 19 00-0002	EA	Up To 3 Ton Scroll Refrigerant Compressor	1,529.02	188.92
23 61 19 00-0003	EA	3.5 Ton Scroll Refrigerant Compressor	1,603.15	201.07
23 61 19 00-0004	EA	4 Ton Scroll Refrigerant Compressor	1,642.31	212.67
23 61 19 00-0005	EA	4.5 Ton Scroll Refrigerant Compressor	1,674.38	218.75
23 61 19 00-0006	EA	5 Ton Scroll Refrigerant Compressor	2,074.34	276.19
23 61 19 00-0007	EA	7.5 Ton Scroll Refrigerant Compressor	3,951.62	414.29
23 61 19 00-0008	EA	8.75 Ton Scroll Refrigerant Compressor	4,521.16	483.34
23 61 19 00-0009	EA	10 Ton Scroll Refrigerant Compressor	5,065.29	552.38
23 61 19 00-0010	EA	12 Ton Scroll Refrigerant Compressor	6,121.71	662.86
23 61 19 00-0011	EA	13.5 Ton Scroll Refrigerant Compressor	7,218.63	745.71
23 61 19 00-0012	EA	15 Ton Scroll Refrigerant Compressor	8,467.59	828.58
23 61 19 00-0013	EA	20 Ton Scroll Refrigerant Compressor	11,934.65	1,104.76
23 61 19 00-0014	EA	25 Ton Scroll Refrigerant Compressor	13,452.83	1,380.95
23 61 19 00-0015	EA	30 Ton Scroll Refrigerant Compressor	14,381.13	1,657.14

23 61 23 Rotary-Screw Refrigerant Compressors *(23 61)*

23 61 23 00-0001 Rotary Screw Type Refrigerant Compressors *(23 61 23)*

23 61 23 00-0002	EA	75 Ton Refrigerant Compressor, Rotary Screw Type	69,571.65	2,814.38
23 61 23 00-0003	EA	80 Ton Refrigerant Compressor, Rotary Screw Type	71,730.96	2,848.96
23 61 23 00-0004	EA	90 Ton Refrigerant Compressor, Rotary Screw Type	76,417.43	2,918.12
23 61 23 00-0005	EA	100 Ton Refrigerant Compressor, Rotary Screw Type	81,051.68	2,987.50
23 61 23 00-0006	EA	110 Ton Refrigerant Compressor, Rotary Screw Type	87,364.30	3,480.60
23 61 23 00-0007	EA	120 Ton Refrigerant Compressor, Rotary Screw Type	92,805.65	3,558.50
23 61 23 00-0008	EA	130 Ton Refrigerant Compressor, Rotary Screw Type	98,148.11	3,603.80
23 61 23 00-0009	EA	140 Ton Refrigerant Compressor, Rotary Screw Type	103,633.61	3,715.29
23 61 23 00-0010	EA	150 Ton Refrigerant Compressor, Rotary Screw Type	109,077.93	3,793.19
23 61 23 00-0011	EA	170 Ton Refrigerant Compressor, Rotary Screw Type	116,755.22	3,897.13
23 61 23 00-0012	EA	185 Ton Refrigerant Compressor, Rotary Screw Type	122,124.88	3,939.04
23 61 23 00-0013	EA	200 Ton Refrigerant Compressor, Rotary Screw Type	124,598.79	4,004.23
23 61 23 00-0014	EA	215 Ton Refrigerant Compressor, Rotary Screw Type	140,015.16	4,274.28
23 61 23 00-0015	EA	225 Ton Refrigerant Compressor, Rotary Screw Type	155,270.71	4,504.69

23 62 Packaged Compressor and Condenser Units *(23 60)*

23 62 13 Packaged Air-Cooled Refrigerant Compressor and Condenser Units *(23 62)*

23 62 13 00-0001 Packaged Chiller With Remote Air-Cooled Condenser *(23 62 13)*

Note: With remote air-cooled condenser rated by cooling capacity, Units are factory assembled package type. Includes hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, vibration eliminators, phase monitoring for 3 phase units, start-up and equipment rigging. Units include dual compressors. Excludes piping and power wiring.

23 62 13 00-0002	EA	15 Ton Packaged Chiller With Remote Air-Cooled Condensers	55,196.73	9,683.39
		For Gas Fired Engine Driven, Add	*9,587.57*	
23 62 13 00-0003	EA	20 Ton Packaged Chiller With Remote Air-Cooled Condensers	62,466.51	10,206.80
		For Gas Fired Engine Driven, Add	*10,963.05*	
23 62 13 00-0004	EA	25 Ton Packaged Chiller With Remote Air-Cooled Condensers	72,660.00	11,107.31
		For Gas Fired Engine Driven, Add	*12,866.73*	
23 62 13 00-0005	EA	30 Ton Packaged Chiller With Remote Air-Cooled Condensers	81,364.94	11,801.58
		For Gas Fired Engine Driven, Add	*14,503.64*	
23 62 13 00-0006	EA	40 Ton Packaged Chiller With Remote Air-Cooled Condensers	102,060.92	13,022.41
		For Gas Fired Engine Driven, Add	*18,459.80*	
23 62 13 00-0007	EA	50 Ton Packaged Chiller With Remote Air-Cooled Condensers	112,780.56	13,487.45
		For Gas Fired Engine Driven, Add	*20,534.00*	
23 62 13 00-0008	EA	60 Ton Packaged Chiller With Remote Air-Cooled Condensers	122,589.73	14,524.97
		For Gas Fired Engine Driven, Add	*22,340.29*	
23 62 13 00-0009	EA	70 Ton Packaged Chiller With Remote Air-Cooled Condensers	149,460.34	15,541.22
		For Gas Fired Engine Driven, Add	*27,532.94*	
23 62 13 00-0010	EA	75 Ton Packaged Chiller With Remote Air-Cooled Condensers	151,240.29	15,841.21
		For Gas Fired Engine Driven, Add	*27,873.06*	
23 62 13 00-0011	EA	80 Ton Packaged Chiller With Remote Air-Cooled Condensers	153,894.18	16,530.02
		For Gas Fired Engine Driven, Add	*28,300.57*	
23 62 13 00-0012	EA	90 Ton Packaged Chiller With Remote Air-Cooled Condensers	171,004.02	17,281.40
		For Gas Fired Engine Driven, Add	*31,609.89*	
23 62 13 00-0013	EA	100 Ton Packaged Chiller With Remote Air-Cooled Condensers	189,433.00	18,104.36
		For Gas Fired Engine Driven, Add	*35,172.31*	
23 62 13 00-0014	EA	110 Ton Packaged Chiller With Remote Air-Cooled Condensers	210,278.06	19,009.52
		For Gas Fired Engine Driven, Add	*39,205.61*	
23 62 13 00-0015	EA	120 Ton Packaged Chiller With Remote Air-Cooled Condensers	227,499.41	20,010.06
		For Gas Fired Engine Driven, Add	*42,499.88*	
23 62 13 00-0016	EA	140 Ton Packaged Chiller With Remote Air-Cooled Condensers	251,274.22	21,121.68
		For Gas Fired Engine Driven, Add	*47,088.17*	

23 62 23 Packaged Water-Cooled Refrigerant Compressor and Condenser Units *(23 62)*

23 62 23 00-0001 Water Cooled Condensing Units *(23 62 23)*

Note: Includes compressor, condenser and motor, and equipment rigging. Excludes piping and power wiring.

23 62 23 00-0002	EA	5 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	8,594.35	798.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 62 23 00-0003	EA	10 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	13,039.39	1,165.52
23 62 23 00-0004	EA	15 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	14,935.84	1,263.14
23 62 23 00-0005	EA	20 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	18,525.52	1,515.76
23 62 23 00-0006	EA	30 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	19,998.50	1,783.32
23 62 23 00-0007	EA	60 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	42,570.92	2,701.16
23 62 23 00-0008	EA	80 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	52,839.75	3,260.07
23 62 23 00-0009	EA	120 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	73,134.44	3,567.02

23 63 Refrigerant Condensers *(23 60)*

23 63 13 Air-Cooled Refrigerant Condensers *(23 63)*

23 63 13 00-0001 Air-Cooled Condensing Units *(23 63 13)*

Note: Includes compressor(s), condenser, fan, motors, discharge/suction gauges, sight glass, fan cycling controls, standard oil hi/low safety control switches, standard controls and liquid line filter dryers and phase monitoring for 3 phase units and equipment rigging. Meets minimum ASHRAE EER requirements. Excludes piping and power wiring.

23 63 13 00-0002	EA	6 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	7,462.34	798.07
		For >25 To 50, Deduct	*-312.68*	
		For >50, Deduct	*-500.29*	
		For Low Ambient Protection, 0 Degree F, Add	*1,115.15*	
		For >10 To 25, Deduct	*-187.61*	
		For Winter Start Control, Add	*371.02*	
23 63 13 00-0003	EA	7.5 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	8,939.70	947.35
		For >25 To 50, Deduct	*-375.22*	
		For >50, Deduct	*-600.35*	
		For Low Ambient Protection, 0 Degree F, Add	*959.19*	
		For >10 To 25, Deduct	*-225.13*	
		For Winter Start Control, Add	*293.62*	
23 63 13 00-0004	EA	10 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	11,638.08	1,165.52
		For Low Ambient Protection, 0 Degree F, Add	*1,132.66*	
		For >25 To 50, Deduct	*-493.57*	
		For >50, Deduct	*-789.72*	
		For >10 To 25, Deduct	*-296.14*	
		For Winter Start Control, Add	*374.09*	
23 63 13 00-0005	EA	12.5 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	14,453.61	1,212.61
		For Low Ambient Protection, 0 Degree F, Add	*1,342.46*	
		For >25 To 50, Deduct	*-630.82*	
		For >50, Deduct	*-1,009.31*	
		For >10 To 25, Deduct	*-378.49*	
		For Winter Start Control, Add	*436.05*	
23 63 13 00-0006	EA	15 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	17,275.04	1,263.14
		For Winter Start Control, Add	*345.00*	
		For >25 To 50, Deduct	*-768.06*	
		For >50, Deduct	*-1,228.90*	
		For >10 To 25, Deduct	*-460.84*	
		For Low Ambient Protection, 0 Degree F, Add	*1,400.13*	
23 63 13 00-0007	EA	20 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	22,291.36	1,515.76
		For Winter Start Control, Add	*429.61*	
		For >25 To 50, Deduct	*-999.74*	
		For >50, Deduct	*-1,599.58*	
		For >10 To 25, Deduct	*-599.84*	
		For Low Ambient Protection, 0 Degree F, Add	*1,773.84*	
23 63 13 00-0008	EA	25 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	25,384.30	1,630.59
		For Winter Start Control, Add	*476.00*	
		For >25 To 50, Deduct	*-1,145.79*	
		For >50, Deduct	*-1,833.27*	
		For Low Ambient Protection, 0 Degree F, Add	*1,877.48*	
		For >10 To 25, Deduct	*-687.48*	
23 63 13 00-0009	EA	30 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	29,134.44	1,779.87
		For Low Ambient Protection, 0 Degree F, Add	*1,995.33*	
		For Winter Start Control, Add	*533.72*	
		For >25 To 50, Deduct	*-1,322.07*	
		For >50, Deduct	*-2,115.31*	
		For >10 To 25, Deduct	*-793.24*	
23 63 13 00-0010	EA	40 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	40,205.74	2,148.65
		For Low Ambient Protection, 0 Degree F, Add	*2,673.02*	
		For Winter Start Control, Add	*700.29*	
		For >25 To 50, Deduct	*-1,844.60*	
		For >50, Deduct	*-2,951.37*	
		For >10 To 25, Deduct	*-1,106.76*	
23 63 13 00-0011	EA	50 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	48,801.38	2,701.16
		For >25 To 50, Deduct	*-2,231.78*	
		For >50, Deduct	*-3,570.85*	
		For Winter Start Control, Add	*639.75*	
		For >10 To 25, Deduct	*-1,339.07*	
		For Low Ambient Protection, 0 Degree F, Add	*2,826.86*	
23 63 13 00-0012	EA	60 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	56,271.28	2,981.26
		For >25 To 50, Deduct	*-2,589.75*	
		For >50, Deduct	*-4,143.60*	
		For Winter Start Control, Add	*706.61*	
		For >10 To 25, Deduct	*-1,553.85*	
		For Low Ambient Protection, 0 Degree F, Add	*3,190.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 63 13 00-0013	EA	80 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	73,019.85	3,260.07
		For >25 To 50, Deduct	*-3,399.61*	
		For >50, Deduct	*-5,439.38*	
		For Winter Start Control, Add	*842.73*	
		For >10 To 25, Deduct	*-2,039.77*	
		For Low Ambient Protection, 0 Degree F, Add	*3,976.60*	
23 63 13 00-0014	EA	100 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	100,912.74	2,935.34
		For >25 To 50, Deduct	*-4,746.86*	
		For >50, Deduct	*-7,594.98*	
		For Winter Start Control, Add	*1,072.23*	
		For Low Ambient Protection, 0 Degree F, Add	*4,341.99*	
		For >10 To 25, Deduct	*-2,848.12*	
23 63 13 00-0015	EA	120 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	124,534.84	3,034.84
		For >25 To 50, Deduct	*-5,917.84*	
		For >50, Deduct	*-9,468.54*	
		For Low Ambient Protection, 0 Degree F, Add	*5,095.21*	
		For >10 To 25, Deduct	*-3,550.70*	

23 63 13 00-0016 Air-Cooled Condensing Units *(23 63 13)*

Note: Includes compressor(s), condenser, fan, motors, discharge/suction gauges, sight glass, fan cycling controls, standard oil hi/low safety control switches, standard controls and liquid line filter dryers, 14 SEER, 1 or 3 phase and equipment rigging. Higher SEER ratings can be obtained by oversizing evaporators. Includes 20' length of piping (liquid line and insulated suction line). Excludes additional piping and power wiring.

23 63 13 00-0017	EA	1.5 Ton, 14 SEER, Air-Cooled Condensing Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	2,633.46	407.09
		For >25 To 50, Deduct	*-101.14*	
		For >50, Deduct	*-161.83*	
		For >10 To 25, Deduct	*-60.69*	
		For 15 SEER, Add	*485.48*	
		For 16 SEER, Add	*829.36*	
		For 18 SEER, Add	*1,739.64*	
23 63 13 00-0018	EA	2 Ton, 14 SEER, Air-Cooled Condensing Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	2,830.19	452.54
		For >25 To 50, Deduct	*-107.59*	
		For >50, Deduct	*-172.14*	
		For >10 To 25, Deduct	*-64.55*	
		For 15 SEER, Add	*516.41*	
		For 16 SEER, Add	*882.21*	
		For 18 SEER, Add	*1,850.48*	
23 63 13 00-0019	EA	2.5 Ton, 14 SEER, Air-Cooled Condensing Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	3,000.71	497.79
		For >25 To 50, Deduct	*-112.72*	
		For >50, Deduct	*-180.35*	
		For >10 To 25, Deduct	*-67.63*	
		For 15 SEER, Add	*541.05*	
		For 16 SEER, Add	*924.30*	
		For 18 SEER, Add	*1,938.78*	
23 63 13 00-0020	EA	3 Ton, 14 SEER, Air-Cooled Condensing Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	3,450.84	542.77
		For >25 To 50, Deduct	*-131.83*	
		For >50, Deduct	*-210.93*	
		For >10 To 25, Deduct	*-79.10*	
		For 15 SEER, Add	*632.80*	
		For 16 SEER, Add	*1,081.04*	
		For 18 SEER, Add	*2,267.54*	
23 63 13 00-0021	EA	3.5 Ton, 14 SEER, Air-Cooled Condensing Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	3,651.93	588.30
		For >25 To 50, Deduct	*-138.50*	
		For >50, Deduct	*-221.59*	
		For >10 To 25, Deduct	*-83.10*	
		For 15 SEER, Add	*664.78*	
		For 16 SEER, Add	*1,135.67*	
		For 18 SEER, Add	*2,382.14*	
23 63 13 00-0022	EA	4 Ton, 14 SEER, Air-Cooled Condensing Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	4,073.68	633.56
		For >25 To 50, Deduct	*-156.19*	
		For >50, Deduct	*-249.91*	
		For >10 To 25, Deduct	*-93.71*	
		For 15 SEER, Add	*749.72*	
		For 16 SEER, Add	*1,280.77*	
		For 18 SEER, Add	*2,686.49*	
23 63 13 00-0023	EA	5 Ton, 14 SEER, Air-Cooled Condensing Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	4,603.44	678.47
		For >25 To 50, Deduct	*-179.29*	
		For >50, Deduct	*-286.86*	
		For >10 To 25, Deduct	*-107.57*	
		For 15 SEER, Add	*860.58*	
		For 16 SEER, Add	*1,470.15*	
		For 18 SEER, Add	*3,083.74*	

23 63 13 00-0024 Removal And Reinstallation Of AC Condensing Unit *(23 63 13)*

Note: Includes storage and cleaning.

23 63 13 00-0025	EA	Removal And Reinstallation Of Up To 5 Tons Air-Cooled Condensing Unit	417.25
23 63 13 00-0026	EA	Removal And Reinstallation Of 7.5 To 15 Tons Air-Cooled Condensing Unit	1,564.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 63 13 00-0027	EA	Removal And Reinstallation Of 20 To 40 Tons Air-Cooled Condensing Unit	2,412.40	

23 63 33 Evaporative Refrigerant Condensers *(23 63)*

23 63 33 00-0001 Copper Coil Evaporative Refrigerant Condensers *(23 63 33)*

Note: Includes galvanized steel base construction, condenser, fan, motors, standard controls and equipment rigging. Excludes piping and power wiring.

23 63 33 00-0002	EA	10 Ton Evaporative Refrigerant Condensers	20,073.49	2,784.40
23 63 33 00-0003	EA	15 Ton Evaporative Refrigerant Condensers	21,002.49	2,899.23
23 63 33 00-0004	EA	20 Ton Evaporative Refrigerant Condensers	22,145.70	3,014.07
23 63 33 00-0005	EA	25 Ton Evaporative Refrigerant Condensers	22,571.20	3,105.93
23 63 33 00-0006	EA	30 Ton Evaporative Refrigerant Condensers	23,743.92	3,243.72

23 63 33 00-0007 Evaporative Cooling Module *(23 63 33)*

Note: Includes Stainless steel evaporator cooler cabinet, 12" rigid cellulose media, electric fill and drain, evaporator cooler recirculation system, support base and legs and equipment rigging. Excludes piping and power wiring.

23 63 33 00-0008	EA	4,110 Maximum CFM, 1/70 HP, 115 Volt, 1 Phase, Evaporative Cooling Module (Reznor REC-40) Note: Includes stainless steel evaporator cooler cabinet, 12" rigid cellulose media, electric fill and drain, evaporator cooler recirculation system, support base and legs.	6,100.10	385.83
23 63 33 00-0009	EA	5,060 Maximum CFM, 1/70 HP, 115 Volt, 1 Phase, Evaporative Cooling Module (Reznor REC-50) Note: Includes stainless steel evaporator cooler cabinet, 12" rigid cellulose media, electric fill and drain, evaporator cooler recirculation system, support base and legs.	6,802.98	413.39
23 63 33 00-0010	EA	5,860 Maximum CFM, 1/70 HP, 115 Volt, 1 Phase, Evaporative Cooling Module (Reznor REC-60) Note: Includes stainless steel evaporator cooler cabinet, 12" rigid cellulose media, electric fill and drain, evaporator cooler recirculation system, support base and legs.	7,860.83	476.54
23 63 33 00-0011	EA	7,125 Maximum CFM, 1/70 HP, 115 Volt, 1 Phase, Evaporative Cooling Module (Reznor REC-70) Note: Includes stainless steel evaporator cooler cabinet, 12" rigid cellulose media, electric fill and drain, evaporator cooler recirculation system, support base and legs.	9,518.90	556.93
23 63 33 00-0012	EA	8,075 Maximum CFM, 1/70 HP, 115 Volt, 1 Phase, Evaporative Cooling Module (Reznor REC-80) Note: Includes stainless steel evaporator cooler cabinet, 12" rigid cellulose media, electric fill and drain, evaporator cooler recirculation system, support base and legs.	10,935.96	683.24
23 63 33 00-0013	EA	17,730 Maximum CFM, 1/50 HP, 115 Volt, 1 Phase, Evaporative Cooling Module (Reznor REC-180) Note: Includes stainless steel evaporator cooler cabinet, 12" rigid cellulose media, electric fill and drain, evaporator cooler recirculation system, support base and legs.	14,746.13	1,010.50

23 64 Packaged Water Chillers *(23 60)*

See CSI section 26 29 23 00-0000 for variable frequency motor controllers.

23 64 13 Absorption Water Chillers *(23 64)*

23 64 13 16 Indirect-Fired Absorption Water Chillers *(23 64 13)*

23 64 13 16-0001 Packaged, Steam Driven, Water Cooled Absorption Chillers *(23 64 13 16)*

Note: Includes refrigerant monitor with scanner, audible alarm, and lights, 460 voltage motor rating, and all accessories, controls (water temperature controller with PE switches, flow switch, etc.) factory wired and installed control panel, and also includes start-up. Price includes closed transition starter. (rated by cooling capacity in tons). Units are factory assembled package type consisting of motor, cooler, condenser, internal piping and wiring, motor starters, insulation, purge unit, controls, gauges, lubrication system, refrigerant charge, oil, phase monitoring for 3 phase units, start-up costs and equipment rigging. Exclude piping and power wiring.

23 64 13 16-0002	EA	50 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	219,383.37	13,211.15
		For Two Stage Unit, Add	*142,999.44*	
23 64 13 16-0003	EA	100 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	276,798.81	15,200.02
		For Two Stage Unit, Add	*181,599.16*	
23 64 13 16-0004	EA	150 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	350,518.30	16,340.02
		For Two Stage Unit, Add	*232,290.80*	
23 64 13 16-0005	EA	200 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	389,247.65	17,480.02
		For Two Stage Unit, Add	*258,489.34*	
23 64 13 16-0006	EA	250 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	434,486.20	17,986.69
		For Two Stage Unit, Add	*289,750.99*	
23 64 13 16-0007	EA	300 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	489,211.90	18,620.02
		For Two Stage Unit, Add	*327,552.31*	
23 64 13 16-0008	EA	350 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	524,497.95	19,253.35
		For Two Stage Unit, Add	*351,745.88*	
23 64 13 16-0009	EA	400 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	623,722.87	20,266.69
		For Two Stage Unit, Add	*420,392.66*	
23 64 13 16-0010	EA	500 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	697,888.23	20,900.02
		For Two Stage Unit, Add	*471,801.74*	
23 64 13 16-0011	EA	650 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	844,952.28	21,533.35
		For Two Stage Unit, Add	*574,239.90*	
23 64 13 16-0012	EA	750 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	916,031.02	23,053.35
		For Two Stage Unit, Add	*622,779.03*	
23 64 13 16-0013	EA	850 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	981,996.57	24,446.70
		For Two Stage Unit, Add	*667,840.24*	
23 64 13 16-0014	EA	950 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	1,053,436.82	26,147.43
		For Two Stage Unit, Add	*716,487.83*	
23 64 13 16-0015	EA	1,125 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	1,205,497.15	26,785.17
		For Two Stage Unit, Add	*822,368.84*	
23 64 13 16-0016	EA	1,250 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	1,320,208.72	28,315.77
		For Two Stage Unit, Add	*901,493.50*	
23 64 13 16-0017	EA	1,450 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	1,541,455.78	29,591.23
		For Two Stage Unit, Add	*1,055,346.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 13 16-0018	EA	1,700 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	1,801,302.77	30,484.08
		For Two Stage Unit, Add	*1,236,524.68*	

23 64 16 Centrifugal Water Chillers *(23 64)*

23 64 16 13 Air-Cooled Centrifugal Water Chillers *(23 64 16)*

23 64 16 13-0001 Magnetic Bearing, Air-Cooled Centrifugal Chillers *(23 64 16 13)*

Note: SMARDT air-cooled oil-free centrifugal chiller with variable speed control, magnetic bearings, lowest ARI IPLV in industry. Includes start up, freight, R-134a refrigerant charge, BACnet or equivalent interface.

23 64 16 13-0002	EA	85 Ton, Single Compressor, Magnetic Bearing, Air-Cooled Centrifugal Chiller	252,941.22	7,019.52
		For 5 Year Parts Only Compressor Warranty, Add	*4,000.00*	
23 64 16 13-0003	EA	175 Ton, Two Compressor, Magnetic Bearing, Air-Cooled Centrifugal Chiller	358,981.74	9,410.71
		For 5 Year Parts Only Compressor Warranty, Add	*8,000.00*	
23 64 16 13-0004	EA	240 Ton, Three Compressor, Magnetic Bearing, Air-Cooled Centrifugal Chiller	448,860.56	9,952.59
		For 5 Year Parts Only Compressor Warranty, Add	*12,000.00*	

23 64 16 16 Water-Cooled Centrifugal Water Chillers *(23 64 16)*

23 64 16 16-0001 Packaged Water-Cooled Centrifugal Water Chillers *(23 64 16 16)*

Note: Includes integral heat exchanger, refrigerant monitor with scanner, audible alarm, and lights, 460 voltage motor rating, controls (water temperature controller with PE switches, flow switch, etc.), start-up, and closed transition starter. Rated by cooling capacity in tons. Units are factory assembled package type consisting of compressor, motor, cooler, condenser, internal piping and wiring, motor starters, insulation, purge unit, factory wired and installed control panel, gauges, lubrication system, refrigerant charge, oil, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.

23 64 16 16-0002	EA	180 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	166,806.25	7,226.98
		For 208/230 Voltage Motor Rating, Add	*6,207.89*	
23 64 16 16-0003	EA	200 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	182,317.72	7,410.00
		For 208/230 Voltage Motor Rating, Add	*6,816.44*	
23 64 16 16-0004	EA	225 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	201,063.23	7,598.36
		For 208/230 Voltage Motor Rating, Add	*7,554.31*	
23 64 16 16-0005	EA	250 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	219,365.01	7,903.00
		For 208/230 Voltage Motor Rating, Add	*8,266.80*	
23 64 16 16-0006	EA	275 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	237,260.16	8,349.24
		For 208/230 Voltage Motor Rating, Add	*8,953.94*	
23 64 16 16-0007	EA	300 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	254,501.35	8,783.33
		For 208/230 Voltage Motor Rating, Add	*9,615.70*	
23 64 16 16-0008	EA	325 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	271,182.89	9,264.91
		For 208/230 Voltage Motor Rating, Add	*10,252.01*	
23 64 16 16-0009	EA	350 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	287,192.44	9,721.80
		For 208/230 Voltage Motor Rating, Add	*10,863.04*	
23 64 16 16-0010	EA	375 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	302,501.23	10,138.41
		For 208/230 Voltage Motor Rating, Add	*11,448.62*	
23 64 16 16-0011	EA	400 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	317,034.98	10,467.36
		For 208/230 Voltage Motor Rating, Add	*12,008.83*	
23 64 16 16-0012	EA	425 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	331,238.96	10,985.94
		For 208/230 Voltage Motor Rating, Add	*12,543.68*	
23 64 16 16-0013	EA	450 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	344,656.74	11,409.77
		For 208/230 Voltage Motor Rating, Add	*13,053.15*	
23 64 16 16-0014	EA	475 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	357,431.42	11,828.15
		For 208/230 Voltage Motor Rating, Add	*13,537.26*	
23 64 16 16-0015	EA	500 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	369,420.41	12,152.16
		For 208/230 Voltage Motor Rating, Add	*13,995.99*	
23 64 16 16-0016	EA	550 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	391,144.97	12,583.08
		For 208/230 Voltage Motor Rating, Add	*14,837.29*	
23 64 16 16-0017	EA	600 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	410,079.85	12,856.68
		For 208/230 Voltage Motor Rating, Add	*15,577.11*	
23 64 16 16-0018	EA	650 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	427,057.41	13,492.16
		For 208/230 Voltage Motor Rating, Add	*16,215.38*	
23 64 16 16-0019	EA	700 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	441,513.45	14,137.28
		For 208/230 Voltage Motor Rating, Add	*16,752.17*	
23 64 16 16-0020	EA	750 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	453,540.42	14,847.00
		For 208/230 Voltage Motor Rating, Add	*17,187.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 16 16-0021	EA	800 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	481,731.56	15,563.29
		For 208/230 Voltage Motor Rating, Add	*18,269.26*	
23 64 16 16-0022	EA	850 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	509,723.72	16,277.32
		For 208/230 Voltage Motor Rating, Add	*19,343.08*	
23 64 16 16-0023	EA	900 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	537,627.24	17,059.86
		For 208/230 Voltage Motor Rating, Add	*20,408.93*	
23 64 16 16-0024	EA	950 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	565,456.98	17,921.46
		For 208/230 Voltage Motor Rating, Add	*21,466.76*	
23 64 16 16-0025	EA	1,000 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	592,958.75	18,905.49
		For 208/230 Voltage Motor Rating, Add	*22,516.56*	
23 64 16 16-0026	EA	1,100 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	643,415.35	21,814.10
		For 208/230 Voltage Motor Rating, Add	*24,349.93*	
23 64 16 16-0027	EA	1,200 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	691,986.49	24,731.00
		For 208/230 Voltage Motor Rating, Add	*26,107.35*	
23 64 16 16-0028	EA	1,300 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	737,774.32	27,093.84
		For 208/230 Voltage Motor Rating, Add	*27,788.66*	
23 64 16 16-0029	EA	1,400 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	780,216.28	28,548.66
		For 208/230 Voltage Motor Rating, Add	*29,393.87*	
23 64 16 16-0030	EA	1,500 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	820,674.67	29,955.90
		For 208/230 Voltage Motor Rating, Add	*30,922.74*	
23 64 16 16-0031	EA	1,600 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	858,392.54	30,824.25
		For 208/230 Voltage Motor Rating, Add	*32,376.26*	
23 64 16 16-0032	EA	1,700 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	896,239.86	32,974.72
		For 208/230 Voltage Motor Rating, Add	*33,753.45*	
23 64 16 16-0033	EA	1,800 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	931,323.18	34,583.23
		For 208/230 Voltage Motor Rating, Add	*35,054.53*	
23 64 16 16-0034	EA	1,900 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	965,264.13	36,670.18
		For 208/230 Voltage Motor Rating, Add	*36,279.51*	
23 64 16 16-0035	EA	2,000 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	996,070.93	37,979.84
		For 208/230 Voltage Motor Rating, Add	*37,428.53*	
23 64 16 16-0036	EA	2,250 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	1,060,663.16	40,129.68
		For 208/230 Voltage Motor Rating, Add	*39,968.32*	
23 64 16 16-0037	EA	2,500 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	1,118,420.39	42,537.41
		For 208/230 Voltage Motor Rating, Add	*42,032.79*	

23 64 16 16-0038 Magnetic Bearing, Water Cooled Centrifugal Water Chillers *(23 64 16 16)*

Note: SMARDT water cooled oil-free centrifugal chiller with variable speed control, magnetic bearings, 10 amp maximum inrush current and ARI part load <0.4kW per ton. Includes start up, freight, R-134a refrigerant charge, BACnet or equivalent interface, 12/18 month compressor warranty.

23 64 16 16-0039	EA	60 To 85 Ton, Single Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	159,331.40	6,080.00
		For 5 Year Parts Only Compressor Warranty, Add	*4,000.00*	
		For Marine Water Box Connections, Add	*4,456.76*	
23 64 16 16-0040	EA	130 To 137 Ton, Single Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	200,601.91	7,066.74
		For 5 Year Parts Only Compressor Warranty, Add	*4,000.00*	
		For Marine Water Box Connections, Add	*4,456.76*	
23 64 16 16-0041	EA	125 To 170 Ton, Dual Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	251,212.07	7,226.98
		For 5 Year Parts Only Compressor Warranty, Add	*8,000.00*	
		For Marine Water Box Connections, Add	*4,456.76*	
23 64 16 16-0042	EA	240 To 270 Ton, Dual Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	327,111.51	8,349.24
		For 5 Year Parts Only Compressor Warranty, Add	*8,000.00*	
		For Marine Water Box Connections, Add	*4,456.76*	
23 64 16 16-0043	EA	210 To 260 Ton, Three Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	329,618.45	7,903.00
		For 5 Year Parts Only Compressor Warranty, Add	*12,000.00*	
		For Marine Water Box Connections, Add	*4,456.76*	
23 64 16 16-0044	EA	355 To 405 Ton, Three Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	494,465.80	10,467.36
		For 5 Year Parts Only Compressor Warranty, Add	*12,000.00*	
		For Marine Water Box Connections, Add	*4,456.76*	
23 64 16 16-0045	EA	299 To 340 Ton, Four Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	438,090.68	9,721.80
		For 5 Year Parts Only Compressor Warranty, Add	*14,666.67*	
		For Marine Water Box Connections, Add	*6,207.63*	
23 64 16 16-0046	EA	540 Ton, Four Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	608,666.39	12,583.08
		For 5 Year Parts Only Compressor Warranty, Add	*14,666.67*	
		For Marine Water Box Connections, Add	*6,207.63*	
23 64 16 16-0047	EA	425 Ton, Five Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	545,220.11	10,985.94
		For 5 Year Parts Only Compressor Warranty, Add	*17,333.33*	
		For Marine Water Box Connections, Add	*6,207.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 16 16-0048	EA	650 Ton, Five Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	729,689.36	13,492.16
		For 5 Year Parts Only Compressor Warranty, Add	*17,333.33*	
		For Marine Water Box Connections, Add	*6,207.63*	
23 64 16 16-0049	EA	510 Ton, Six Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	649,172.26	12,152.16
		For 5 Year Parts Only Compressor Warranty, Add	*20,000.00*	
		For Marine Water Box Connections, Add	*6,525.97*	
23 64 16 16-0050	EA	800 Ton, Six Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	836,413.13	15,563.29
		For 5 Year Parts Only Compressor Warranty, Add	*20,000.00*	
		For Marine Water Box Connections, Add	*6,525.97*	

23 64 23 Scroll Water Chillers *(23 64)*

23 64 23 13 Air-Cooled Scroll Water Chillers *(23 64 23)*

23 64 23 13-0001 Packaged Air-Cooled Scroll Water Chillers *(23 64 23 13)*

Note: With integral heat exchanger. Rated by cooling capacity, tons. Units are factory assembled package type. Includes scroll compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3-valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, flow switch, operation and safety controls, isolation valves, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, factory charge of refrigerant, freeze protection thermostat, start-up and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring. Excludes crane and associated personnel. See CSI section 01 22 23 00-0845 for crane lifting equipment.

23 64 23 13-0002	EA	10 Ton Packaged Air-Cooled Scroll Water Chiller	31,722.97	1,814.94
23 64 23 13-0003	EA	15 Ton Packaged Air-Cooled Scroll Water Chiller	46,578.10	1,838.21
23 64 23 13-0004	EA	18 Ton Packaged Air-Cooled Scroll Water Chiller	50,840.13	1,966.18
23 64 23 13-0005	EA	22 Ton Packaged Air-Cooled Scroll Water Chiller	55,942.72	2,105.80
23 64 23 13-0006	EA	25 Ton Packaged Air-Cooled Scroll Water Chiller	56,837.27	2,245.41
23 64 23 13-0007	EA	30 Ton Packaged Air-Cooled Scroll Water Chiller	59,965.90	2,408.28
23 64 23 13-0008	EA	40 Ton Packaged Air-Cooled Scroll Water Chiller	68,592.49	2,606.06
23 64 23 13-0009	EA	45 Ton Packaged Air-Cooled Scroll Water Chiller	73,661.18	2,827.11
23 64 23 13-0010	EA	50 Ton Packaged Air-Cooled Scroll Water Chiller	77,796.42	2,908.55
23 64 23 13-0011	EA	55 Ton Packaged Air-Cooled Scroll Water Chiller	81,254.17	3,036.53
23 64 23 13-0012	EA	60 Ton Packaged Air-Cooled Scroll Water Chiller	83,982.80	3,141.24
23 64 23 13-0013	EA	70 Ton Packaged Air-Cooled Scroll Water Chiller	96,906.18	3,536.80
23 64 23 13-0014	EA	80 Ton Packaged Air-Cooled Scroll Water Chiller	104,297.76	3,874.19
23 64 23 13-0015	EA	90 Ton Packaged Air-Cooled Scroll Water Chiller	106,209.70	3,885.83
23 64 23 13-0016	EA	100 Ton Packaged Air-Cooled Scroll Water Chiller	112,416.70	3,897.45
23 64 23 13-0017	EA	110 Ton Packaged Air-Cooled Scroll Water Chiller	118,460.80	3,909.09
23 64 23 13-0018	EA	120 Ton Packaged Air-Cooled Scroll Water Chiller	124,580.06	3,920.72
23 64 23 13-0019	EA	130 Ton Packaged Air-Cooled Scroll Water Chiller	131,012.40	3,932.36

23 64 23 16 Water-Cooled Scroll Water Chillers *(23 64 23)*

23 64 23 16-0001 Packaged Water Cooled Scroll Water Chillers *(23 64 23 16)*

Note: Integral heat exchanger. Rated by cooling capacity in tons. Units are factory assembled package type. Includes hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, flow switch, operation and safety controls, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.

23 64 23 16-0002	EA	20 Ton Packaged Water Cooled Scroll Water Chiller	39,219.01	2,304.41
23 64 23 16-0003	EA	25 Ton Packaged Water Cooled Scroll Water Chiller	45,159.88	2,374.03
23 64 23 16-0004	EA	30 Ton Packaged Water Cooled Scroll Water Chiller	50,102.78	2,606.20
23 64 23 16-0005	EA	40 Ton Packaged Water Cooled Scroll Water Chiller	61,681.75	3,371.86
23 64 23 16-0006	EA	50 Ton Packaged Water Cooled Scroll Water Chiller	68,238.94	3,695.22
23 64 23 16-0007	EA	60 Ton Packaged Water Cooled Scroll Water Chiller	71,688.48	4,082.75

23 64 26 Rotary-Screw Water Chillers *(23 64)*

23 64 26 13 Air-Cooled, Rotary-Screw Water Chillers *(23 64 26)*

23 64 26 13-0001 Packaged Air-Cooled Rotary-Screw Water Chillers *(23 64 26 13)*

Note: Includes hermetic direct-drive compressors start-up, coil guards, copper fins, copper tubes, factory wired and installed control panel, refrigerant monitor with scanner, audible alarm, and lights, phase monitoring for 3 phase units, 440/460 voltage motor rating, motor starters, factory charge of refrigerant and equipment rigging. Units greater than 20 tons include dual compressors. Excludes crane and associated personnel. See CSI section 01 22 23 00-0845 for crane lifting equipment.

23 64 26 13-0002	EA	70 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	112,083.33	4,455.90
		For Aluminum Fins Instead Of Copper, Deduct	*-1,581.08*	
		For 208/230 Voltage Motor Rating, Add	*4,216.21*	
23 64 26 13-0003	EA	80 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	120,458.27	4,839.83
		For Aluminum Fins Instead Of Copper, Deduct	*-1,698.15*	
		For 208/230 Voltage Motor Rating, Add	*4,528.41*	
23 64 26 13-0004	EA	90 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	126,714.28	5,049.24
		For Aluminum Fins Instead Of Copper, Deduct	*-1,787.11*	
		For 208/230 Voltage Motor Rating, Add	*4,765.62*	
23 64 26 13-0005	EA	100 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	131,387.06	5,433.17
		For Aluminum Fins Instead Of Copper, Deduct	*-1,848.65*	
		For 208/230 Voltage Motor Rating, Add	*4,929.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 26 13-0006	EA	110 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	141,014.50	5,700.76
		For Aluminum Fins Instead Of Copper, Deduct	*-1,987.13*	
		For 208/230 Voltage Motor Rating, Add	*5,299.00*	
23 64 26 13-0007	EA	120 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	149,864.97	5,817.10
		For Aluminum Fins Instead Of Copper, Deduct	*-2,117.09*	
		For 208/230 Voltage Motor Rating, Add	*5,645.57*	
23 64 26 13-0008	EA	130 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	158,205.55	6,014.88
		For Aluminum Fins Instead Of Copper, Deduct	*-2,237.84*	
		For 208/230 Voltage Motor Rating, Add	*5,967.56*	
23 64 26 13-0009	EA	140 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	163,268.18	6,142.86
		For Aluminum Fins Instead Of Copper, Deduct	*-2,310.81*	
		For 208/230 Voltage Motor Rating, Add	*6,162.16*	
23 64 26 13-0010	EA	160 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	172,413.26	6,270.84
		For Aluminum Fins Instead Of Copper, Deduct	*-2,445.02*	
		For 208/230 Voltage Motor Rating, Add	*6,520.05*	
23 64 26 13-0011	EA	170 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	179,973.03	6,468.62
		For Aluminum Fins Instead Of Copper, Deduct	*-2,554.05*	
		For 208/230 Voltage Motor Rating, Add	*6,810.80*	
23 64 26 13-0012	EA	180 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	189,786.67	6,724.57
		For Aluminum Fins Instead Of Copper, Deduct	*-2,695.50*	
		For 208/230 Voltage Motor Rating, Add	*7,187.99*	
23 64 26 13-0013	EA	200 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	198,392.56	6,864.18
		For Aluminum Fins Instead Of Copper, Deduct	*-2,821.62*	
		For 208/230 Voltage Motor Rating, Add	*7,524.32*	
23 64 26 13-0014	EA	215 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	212,686.79	6,980.52
		For Aluminum Fins Instead Of Copper, Deduct	*-3,033.24*	
		For 208/230 Voltage Motor Rating, Add	*8,088.64*	
23 64 26 13-0015	EA	225 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	222,185.27	7,050.32
		For Aluminum Fins Instead Of Copper, Deduct	*-3,174.32*	
		For 208/230 Voltage Motor Rating, Add	*8,464.86*	
23 64 26 13-0016	EA	240 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	231,683.74	7,108.50
		For Aluminum Fins Instead Of Copper, Deduct	*-3,315.40*	
		For 208/230 Voltage Motor Rating, Add	*8,841.07*	
23 64 26 13-0017	EA	260 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	260,109.33	7,248.11
		For Aluminum Fins Instead Of Copper, Deduct	*-3,738.64*	
		For 208/230 Voltage Motor Rating, Add	*9,969.72*	
23 64 26 13-0018	EA	280 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	274,415.22	7,387.72
		For Aluminum Fins Instead Of Copper, Deduct	*-3,950.27*	
		For 208/230 Voltage Motor Rating, Add	*10,534.04*	
23 64 26 13-0019	EA	300 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	293,412.16	7,504.06
		For Aluminum Fins Instead Of Copper, Deduct	*-4,232.43*	
		For 208/230 Voltage Motor Rating, Add	*11,286.48*	
23 64 26 13-0020	EA	325 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	321,814.49	7,632.04
		For Aluminum Fins Instead Of Copper, Deduct	*-4,655.67*	
		For 208/230 Voltage Motor Rating, Add	*12,415.12*	
23 64 26 13-0021	EA	350 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	350,865.95	7,725.11
		For Aluminum Fins Instead Of Copper, Deduct	*-5,089.17*	
		For 208/230 Voltage Motor Rating, Add	*13,571.13*	

23 64 26 16 Water-Cooled, Rotary-Screw Water Chillers *(23 64 26)*

23 64 26 16-0001 Packaged Water Cooled Helical Rotary Water Chillers *(23 64 26 16)*

Note: Integral heat exchanger. Rated by cooling capacity in tons. Factory assembled package type includes semi-hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gages, lead-lag switch, compressor unloaders, removable core filter dryer, 3-valve by-pass, sight glass, internal wiring, motor starters, insulation, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, full factory refrigerant charge, vibration eliminators, NEMA 1 flow switches, wye-delta starter, extended warranty on compressor(s), start-up costs and equipment rigging. Excludes piping and power wiring.

23 64 26 16-0002	EA	70 Ton Packaged Water Cooled Helical Rotary Water Chiller	74,150.53	5,700.01
23 64 26 16-0003	EA	80 Ton Packaged Water Cooled Helical Rotary Water Chiller	80,454.54	5,921.67
23 64 26 16-0004	EA	90 Ton Packaged Water Cooled Helical Rotary Water Chiller	85,932.36	6,080.00
23 64 26 16-0005	EA	100 Ton Packaged Water Cooled Helical Rotary Water Chiller	90,709.05	6,336.50
23 64 26 16-0006	EA	110 Ton Packaged Water Cooled Helical Rotary Water Chiller	95,447.33	6,510.67
23 64 26 16-0007	EA	125 Ton Packaged Water Cooled Helical Rotary Water Chiller	101,217.30	6,693.45
23 64 26 16-0008	EA	130 Ton Packaged Water Cooled Helical Rotary Water Chiller	136,437.98	6,880.54
23 64 26 16-0009	EA	150 Ton Packaged Water Cooled Helical Rotary Water Chiller	141,638.93	7,066.74
23 64 26 16-0010	EA	175 Ton Packaged Water Cooled Helical Rotary Water Chiller	145,535.13	7,241.67
23 64 26 16-0011	EA	190 Ton Packaged Water Cooled Helical Rotary Water Chiller	147,025.56	7,603.81
23 64 26 16-0012	EA	200 Ton Packaged Water Cooled Helical Rotary Water Chiller	146,007.54	7,970.51
23 64 26 16-0013	EA	210 Ton Packaged Water Cooled Helical Rotary Water Chiller	154,461.73	8,141.13
23 64 26 16-0014	EA	235 Ton Packaged Water Cooled Helical Rotary Water Chiller	167,835.30	8,319.22
23 64 26 16-0015	EA	255 Ton Packaged Water Cooled Helical Rotary Water Chiller	178,304.96	8,699.99
23 64 26 16-0016	EA	275 Ton Packaged Water Cooled Helical Rotary Water Chiller	188,209.56	9,052.12
23 64 26 16-0017	EA	300 Ton Packaged Water Cooled Helical Rotary Water Chiller	199,735.33	9,410.71
23 64 26 16-0018	EA	350 Ton Packaged Water Cooled Helical Rotary Water Chiller	219,266.38	10,244.81
23 64 26 16-0019	EA	400 Ton Packaged Water Cooled Helical Rotary Water Chiller	235,273.78	11,268.28
23 64 26 16-0020	EA	450 Ton Packaged Water Cooled Helical Rotary Water Chiller	247,775.83	12,395.62

23 65 Cooling Towers *(23 60)*

23 65 13 Forced-Draft Cooling Towers *(23 65)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 13 16		**Closed-Circuit, Forced-Draft Cooling Towers** *(23 65 13)*		
23 65 13 16-0001		Closed-Circuit, Forced-Draft Cooling Towers *(23 65 13 16)*		
23 65 13 16-0002		Blow-Thru Centrifugal Fan Type Galvanized Cooling Towers *(23 65 13 16-0001)*		
		Note: Including 2-speed motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Rated by cooling capacity in tons. Design temperature 95 degree F in, 85 degree F out.		
23 65 13 16-0003	EA	50 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	19,877.60	1,931.28
		For Counter Flow Type, Add	*1,273.55*	
		For Stainless Steel Cooling Tower, Add	*13,584.54*	
23 65 13 16-0004	EA	75 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	27,374.43	2,361.75
		For Counter Flow Type, Add	*1,788.70*	
		For Stainless Steel Cooling Tower, Add	*19,079.42*	
23 65 13 16-0005	EA	100 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	34,343.12	2,966.72
		For Counter Flow Type, Add	*2,217.98*	
		For Stainless Steel Cooling Tower, Add	*23,658.48*	
23 65 13 16-0006	EA	125 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	39,598.74	3,315.75
		For Counter Flow Type, Add	*2,570.27*	
		For Stainless Steel Cooling Tower, Add	*27,416.22*	
23 65 13 16-0007	EA	150 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	45,252.34	3,734.58
		For Counter Flow Type, Add	*2,943.68*	
		For Stainless Steel Cooling Tower, Add	*31,399.27*	
23 65 13 16-0008	EA	175 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	50,879.79	4,188.31
		For Counter Flow Type, Add	*3,311.64*	
		For Stainless Steel Cooling Tower, Add	*35,324.18*	
23 65 13 16-0009	EA	200 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	57,098.92	4,665.32
		For Counter Flow Type, Add	*3,720.49*	
		For Stainless Steel Cooling Tower, Add	*39,685.19*	
23 65 13 16-0010	EA	225 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	62,413.93	5,258.66
		For Counter Flow Type, Add	*4,047.56*	
		For Stainless Steel Cooling Tower, Add	*43,174.00*	
23 65 13 16-0011	EA	250 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	68,008.04	5,840.37
		For Counter Flow Type, Add	*4,396.44*	
		For Stainless Steel Cooling Tower, Add	*46,895.39*	
23 65 13 16-0012	EA	275 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	74,515.38	6,910.71
		For Counter Flow Type, Add	*4,756.23*	
		For Stainless Steel Cooling Tower, Add	*50,733.08*	
23 65 13 16-0013	EA	300 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	80,994.89	7,655.31
		For Counter Flow Type, Add	*5,151.44*	
		For Stainless Steel Cooling Tower, Add	*54,948.72*	
23 65 13 16-0014	EA	325 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	85,350.38	8,143.94
		For Counter Flow Type, Add	*5,424.01*	
		For Stainless Steel Cooling Tower, Add	*57,856.06*	
23 65 13 16-0015	EA	350 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	90,446.57	8,620.95
		For Counter Flow Type, Add	*5,744.27*	
		For Stainless Steel Cooling Tower, Add	*61,272.18*	
23 65 13 16-0016	EA	375 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	95,391.51	9,039.78
		For Counter Flow Type, Add	*6,064.53*	
		For Stainless Steel Cooling Tower, Add	*64,688.31*	
23 65 13 16-0017	EA	400 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	101,051.65	9,458.61
		For Counter Flow Type, Add	*6,439.30*	
		For Stainless Steel Cooling Tower, Add	*68,685.90*	
23 65 13 16-0018	EA	425 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	107,056.38	9,970.51
		For Counter Flow Type, Add	*6,827.71*	
		For Stainless Steel Cooling Tower, Add	*72,828.86*	
23 65 13 16-0019	EA	450 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	113,867.16	10,482.42
		For Counter Flow Type, Add	*7,277.44*	
		For Stainless Steel Cooling Tower, Add	*77,625.98*	
23 65 13 16-0020	EA	475 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	120,482.37	10,924.52
		For Counter Flow Type, Add	*7,720.35*	
		For Stainless Steel Cooling Tower, Add	*82,350.40*	
23 65 13 16-0021	EA	500 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	127,109.23	11,366.62
		For Counter Flow Type, Add	*8,163.26*	
		For Stainless Steel Cooling Tower, Add	*87,074.82*	
23 65 13 16-0022	EA	550 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	139,676.53	11,843.62
		For Counter Flow Type, Add	*9,049.10*	
		For Stainless Steel Cooling Tower, Add	*96,523.68*	
23 65 13 16-0023	EA	600 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	153,334.07	12,308.99
		For Counter Flow Type, Add	*10,016.69*	
		For Stainless Steel Cooling Tower, Add	*106,844.74*	
23 65 13 16-0024	EA	650 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	158,878.41	12,564.94
		For Counter Flow Type, Add	*10,425.54*	
		For Stainless Steel Cooling Tower, Add	*111,205.74*	
23 65 13 16-0025	EA	700 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	165,512.99	12,727.82
		For Counter Flow Type, Add	*10,916.15*	
		For Stainless Steel Cooling Tower, Add	*116,438.96*	
23 65 13 16-0026	EA	750 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	173,260.03	13,379.33
		For Counter Flow Type, Add	*11,420.39*	
		For Stainless Steel Cooling Tower, Add	*121,817.54*	
23 65 13 16-0027	EA	800 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	182,279.03	14,030.85
		For Counter Flow Type, Add	*12,020.03*	
		For Stainless Steel Cooling Tower, Add	*128,213.69*	
23 65 13 16-0028	EA	850 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	191,391.09	14,740.54
		For Counter Flow Type, Add	*12,619.67*	
		For Stainless Steel Cooling Tower, Add	*134,609.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 13 16-0029	EA	900 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	201,956.83	15,450.22
		For Counter Flow Type, Add	*13,328.34*	
		For Stainless Steel Cooling Tower, Add	*142,168.91*	
23 65 13 16-0030	EA	950 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	212,867.16	16,264.62
		For Counter Flow Type, Add	*14,050.63*	
		For Stainless Steel Cooling Tower, Add	*149,873.37*	
23 65 13 16-0031	EA	1,000 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	225,219.50	17,079.01
		For Counter Flow Type, Add	*14,881.95*	
		For Stainless Steel Cooling Tower, Add	*158,740.75*	

23 65 14 Induced-Draft Cooling Towers *(23 65)*

23 65 14 14 Open-Circuit, Induced-Draft Crossflow Cooling Towers *(23 65 14)*

23 65 14 14-0001 Galvanized Induced Draft Crossflow Film Filled Propeller Type Cooling Towers *(23 65 14 14)*

Note: Includes fan, 2-speed motor, geared speed reducer, louvers, drift eliminators, hot water distribution system, cold water collection basin, float valve and access door, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Excludes crane and associated personnel. See CSI section 01 22 23 00-0845 for crane lifting equipment.

23 65 14 14-0002	EA	10 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	8,464.69	1,303.03
		For Polymer Coating Over Galvanized Components, Add	*976.52*	
		For Stainless Steel Support Structure, Add	*1,953.04*	
23 65 14 14-0003	EA	15 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	9,130.59	1,326.30
		For Polymer Coating Over Galvanized Components, Add	*1,072.92*	
		For Stainless Steel Support Structure, Add	*2,145.83*	
23 65 14 14-0004	EA	20 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	9,931.42	1,442.64
		For Polymer Coating Over Galvanized Components, Add	*1,165.12*	
		For Stainless Steel Support Structure, Add	*2,330.24*	
23 65 14 14-0005	EA	25 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	11,600.80	1,512.45
		For Polymer Coating Over Galvanized Components, Add	*1,399.82*	
		For Stainless Steel Support Structure, Add	*2,799.64*	
23 65 14 14-0006	EA	30 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	13,130.47	1,582.25
		For Polymer Coating Over Galvanized Components, Add	*1,613.56*	
		For Stainless Steel Support Structure, Add	*3,227.13*	
23 65 14 14-0007	EA	35 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	14,627.54	1,663.69
		For Polymer Coating Over Galvanized Components, Add	*1,818.93*	
		For Stainless Steel Support Structure, Add	*3,637.85*	
23 65 14 14-0008	EA	40 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	16,001.20	1,745.13
		For Polymer Coating Over Galvanized Components, Add	*2,007.53*	
		For Stainless Steel Support Structure, Add	*4,015.05*	
23 65 14 14-0009	EA	45 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	17,526.19	1,838.21
		For Polymer Coating Over Galvanized Components, Add	*2,217.08*	
		For Stainless Steel Support Structure, Add	*4,434.16*	
23 65 14 14-0010	EA	50 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	19,018.59	1,931.28
		For Polymer Coating Over Galvanized Components, Add	*2,418.25*	
		For Stainless Steel Support Structure, Add	*4,836.50*	
23 65 14 14-0011	EA	60 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	21,949.87	2,082.53
		For Polymer Coating Over Galvanized Components, Add	*2,824.79*	
		For Stainless Steel Support Structure, Add	*5,649.57*	
23 65 14 14-0012	EA	70 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	25,127.93	2,245.41
		For Polymer Coating Over Galvanized Components, Add	*3,264.85*	
		For Stainless Steel Support Structure, Add	*6,529.70*	
23 65 14 14-0013	EA	75 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	26,604.01	2,361.75
		For Polymer Coating Over Galvanized Components, Add	*3,461.83*	
		For Stainless Steel Support Structure, Add	*6,923.66*	
23 65 14 14-0014	EA	80 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	28,219.71	2,559.52
		For Polymer Coating Over Galvanized Components, Add	*3,658.81*	
		For Stainless Steel Support Structure, Add	*7,317.62*	
23 65 14 14-0015	EA	90 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	29,416.29	2,757.31
		For Polymer Coating Over Galvanized Components, Add	*3,792.92*	
		For Stainless Steel Support Structure, Add	*7,585.85*	
23 65 14 14-0016	EA	100 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	31,648.78	2,966.72
		For Polymer Coating Over Galvanized Components, Add	*4,031.81*	
		For Stainless Steel Support Structure, Add	*8,063.63*	
23 65 14 14-0017	EA	125 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	32,961.62	3,315.75
		For Polymer Coating Over Galvanized Components, Add	*4,144.97*	
		For Stainless Steel Support Structure, Add	*8,289.95*	
23 65 14 14-0018	EA	150 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	38,274.53	3,734.58
		For Polymer Coating Over Galvanized Components, Add	*4,840.69*	
		For Stainless Steel Support Structure, Add	*9,681.38*	
23 65 14 14-0019	EA	175 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	42,292.83	4,188.31
		For Polymer Coating Over Galvanized Components, Add	*5,335.24*	
		For Stainless Steel Support Structure, Add	*10,670.48*	
23 65 14 14-0020	EA	200 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	44,541.53	4,665.32
		For Polymer Coating Over Galvanized Components, Add	*5,557.37*	
		For Stainless Steel Support Structure, Add	*11,114.73*	
23 65 14 14-0021	EA	225 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	51,474.80	5,258.66
		For Polymer Coating Over Galvanized Components, Add	*6,454.26*	
		For Stainless Steel Support Structure, Add	*12,908.51*	
23 65 14 14-0022	EA	250 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	56,440.60	5,840.37
		For Polymer Coating Over Galvanized Components, Add	*7,057.77*	
		For Stainless Steel Support Structure, Add	*14,115.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 14 14-0023	EA	275 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	60,414.01	6,910.71
		For Polymer Coating Over Galvanized Components, Add	*7,397.25*	
		For Stainless Steel Support Structure, Add	*14,794.49*	
23 65 14 14-0024	EA	300 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	65,200.36	7,655.31
		For Polymer Coating Over Galvanized Components, Add	*7,933.71*	
		For Stainless Steel Support Structure, Add	*15,867.41*	
23 65 14 14-0025	EA	350 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	74,515.17	8,620.95
		For Polymer Coating Over Galvanized Components, Add	*9,098.82*	
		For Stainless Steel Support Structure, Add	*18,197.65*	
23 65 14 14-0026	EA	400 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	82,139.71	9,458.61
		For Polymer Coating Over Galvanized Components, Add	*10,041.82*	
		For Stainless Steel Support Structure, Add	*20,083.63*	
23 65 14 14-0027	EA	450 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	90,793.19	10,482.42
		For Polymer Coating Over Galvanized Components, Add	*11,093.78*	
		For Stainless Steel Support Structure, Add	*22,187.55*	
23 65 14 14-0028	EA	500 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	98,929.92	11,366.62
		For Polymer Coating Over Galvanized Components, Add	*12,099.63*	
		For Stainless Steel Support Structure, Add	*24,199.27*	
23 65 14 14-0029	EA	600 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	113,015.60	12,308.99
		For Polymer Coating Over Galvanized Components, Add	*13,985.62*	
		For Stainless Steel Support Structure, Add	*27,971.24*	
23 65 14 14-0030	EA	700 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	126,641.12	12,727.82
		For Polymer Coating Over Galvanized Components, Add	*16,001.52*	
		For Stainless Steel Support Structure, Add	*32,003.05*	
23 65 14 14-0031	EA	800 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	141,541.38	14,030.85
		For Polymer Coating Over Galvanized Components, Add	*17,929.42*	
		For Stainless Steel Support Structure, Add	*35,858.84*	
23 65 14 14-0032	EA	900 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	156,013.09	15,450.22
		For Polymer Coating Over Galvanized Components, Add	*19,765.11*	
		For Stainless Steel Support Structure, Add	*39,530.22*	
23 65 14 14-0033	EA	1,000 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	170,212.15	17,079.01
		For Polymer Coating Over Galvanized Components, Add	*21,512.79*	
		For Stainless Steel Support Structure, Add	*43,025.58*	
23 65 14 14-0034	EA	1,100 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	186,228.18	17,905.04
		For Polymer Coating Over Galvanized Components, Add	*23,721.48*	
		For Stainless Steel Support Structure, Add	*47,442.97*	
23 65 14 14-0035	EA	1,200 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	201,671.51	18,672.90
		For Polymer Coating Over Galvanized Components, Add	*25,854.74*	
		For Stainless Steel Support Structure, Add	*51,709.48*	
23 65 14 14-0036	EA	1,300 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	214,550.41	20,278.41
		For Polymer Coating Over Galvanized Components, Add	*27,409.63*	
		For Stainless Steel Support Structure, Add	*54,819.26*	
23 65 14 14-0037	EA	1,400 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	227,028.72	22,000.28
		For Polymer Coating Over Galvanized Components, Add	*28,876.51*	
		For Stainless Steel Support Structure, Add	*57,753.01*	
23 65 14 14-0038	EA	1,500 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	239,071.55	23,815.21
		For Polymer Coating Over Galvanized Components, Add	*30,255.37*	
		For Stainless Steel Support Structure, Add	*60,510.74*	
23 65 14 14-0039	EA	1,600 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	250,180.86	25,455.64
		For Polymer Coating Over Galvanized Components, Add	*31,537.84*	
		For Stainless Steel Support Structure, Add	*63,075.68*	
23 65 14 14-0040	EA	1,700 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	261,059.40	27,328.74
		For Polymer Coating Over Galvanized Components, Add	*32,728.10*	
		For Stainless Steel Support Structure, Add	*65,456.21*	
23 65 14 14-0041	EA	1,800 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	271,816.55	29,492.72
		For Polymer Coating Over Galvanized Components, Add	*33,830.36*	
		For Stainless Steel Support Structure, Add	*67,660.72*	
23 65 14 14-0042	EA	1,900 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	281,919.50	31,656.67
		For Polymer Coating Over Galvanized Components, Add	*34,836.22*	
		For Stainless Steel Support Structure, Add	*69,672.43*	
23 65 14 14-0043	EA	2,000 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	292,668.90	34,611.76
		For Polymer Coating Over Galvanized Components, Add	*35,754.06*	
		For Stainless Steel Support Structure, Add	*71,508.12*	

23 65 14 14-0044 Induced Draft Crossflow Stainless Steel Propeller Type Cooling Towers *(23 65 14 14)*

Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0845 for crane lifting equipment.

23 65 14 14-0045	EA	100 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	95,248.63	2,966.72
		For Induced Draft Counter Flow Type, Add	*4,523.93*	
23 65 14 14-0046	EA	125 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	107,962.48	3,292.48
		For Induced Draft Counter Flow Type, Add	*5,131.70*	
23 65 14 14-0047	EA	150 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	117,978.82	3,734.58
		For Induced Draft Counter Flow Type, Add	*5,598.78*	
23 65 14 14-0048	EA	200 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	131,097.58	4,665.32
		For Induced Draft Counter Flow Type, Add	*6,180.26*	
23 65 14 14-0049	EA	250 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	148,432.16	5,840.37
		For Induced Draft Counter Flow Type, Add	*6,952.17*	
23 65 14 14-0050	EA	300 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	170,314.96	7,655.31
		For Induced Draft Counter Flow Type, Add	*7,900.30*	
23 65 14 14-0051	EA	350 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	185,524.11	8,620.95
		For Induced Draft Counter Flow Type, Add	*8,583.39*	
23 65 14 14-0052	EA	400 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	200,523.83	9,458.61
		For Induced Draft Counter Flow Type, Add	*9,266.48*	
23 65 14 14-0053	EA	500 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	231,397.30	11,366.62
		For Induced Draft Counter Flow Type, Add	*10,656.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 14 14-0054	EA	600 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	261,426.70	12,308.99
		For Induced Draft Counter Flow Type, Add	*12,082.43*	
23 65 14 14-0055	EA	750 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	323,921.08	13,379.33
		For Induced Draft Counter Flow Type, Add	*15,090.81*	
23 65 14 14-0056	EA	1,000 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	420,573.08	17,079.01
		For Induced Draft Counter Flow Type, Add	*19,688.98*	

23 65 14 16 Closed-Circuit, Induced-Draft Counterflow Cooling Towers *(23 65 14)*

23 65 14 16-0001 Stainless Steel Packaged Propeller Type Cooling Towers *(23 65 14 16)*

Note: Including internal piping, fan, motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping or power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 79 degree F wet Bulb. 3 GPM/ton.

23 65 14 16-0002 Draw-Thru Stainless Steel Propeller Type Cooling Towers *(23 65 14 16-0001)*

Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0845 for crane lifting equipment.

23 65 14 16-0003	EA	50 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	39,969.46	1,931.28
23 65 14 16-0004	EA	75 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	56,845.96	2,361.75
23 65 14 16-0005	EA	100 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	66,958.67	2,966.72
23 65 14 16-0006	EA	125 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	75,911.26	3,315.75
23 65 14 16-0007	EA	150 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	83,265.35	3,734.58
23 65 14 16-0008	EA	200 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	99,827.98	4,665.32
23 65 14 16-0009	EA	250 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	117,451.53	5,840.37
23 65 14 16-0010	EA	300 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	139,159.05	7,655.31
23 65 14 16-0011	EA	350 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	152,321.77	8,620.95
23 65 14 16-0012	EA	400 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	172,726.53	9,458.61
23 65 14 16-0013	EA	500 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	200,184.55	11,366.62
23 65 14 16-0014	EA	600 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	226,040.96	12,308.99
23 65 14 16-0015	EA	750 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	279,722.69	13,379.33
23 65 14 16-0016	EA	1,000 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	356,377.29	16,892.86

23 65 14 16-0017 Belt Driven Stainless Steel Propeller Type Cooling Towers *(23 65 14 16-0001)*

Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0845 for crane lifting equipment.

23 65 14 16-0018	EA	100 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	69,758.29	2,966.72
23 65 14 16-0019	EA	125 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	75,475.45	3,315.75
23 65 14 16-0020	EA	150 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	81,313.67	3,734.58
23 65 14 16-0021	EA	200 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	96,137.78	4,665.32
23 65 14 16-0022	EA	250 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	105,897.74	5,840.37

23 70 Central HVAC Equipment *(23)*

Note: New air filters shall be provided on HVAC equipment prior to turning over to owner. Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0110 for terminations, 26 28 16 16-0001 for disconnect.

23 72 Air-To-Air Energy Recovery Equipment *(23 70)*

23 72 16 Heat-Pipe Air-To-Air Energy-Recovery Equipment *(23 72)*

23 72 16 00-0001 Glycol Heat Pipe Type, 50 Percent Efficient *(23 72 16)*

23 72 16 00-0002	EA	100 MBH, 1,700 CFM Glycol Heat Recovery Unit	20,231.20	623.45
23 72 16 00-0003	EA	160 MBH, 2,700 CFM Glycol Heat Recovery Unit	31,814.05	831.31
23 72 16 00-0004	EA	620 MBH, 4,000 CFM Glycol Heat Recovery Unit	47,162.73	1,246.91

23 73 Indoor Central-Station Air-Handling Units *(23 70)*

23 73 13 Modular Indoor Central-Station Air-Handling Units *(23 73)*

Note: Sized by CFM. Includes motor drive vibration isolators. Use modifiers for Filters and heating and cooling coils. Includes double wall insulated casing, fan section, fan motor, internal dampers, starter, vibration isolators and equipment rigging. Variable speed drives are included on units with 10 HP or greater fans. Modifiers include cooling coil sections with 6 row aluminum fin coil and drain pan, heating coil section with 1 row aluminum fin coil, and filter section with replaceable filters.

23 73 13 00-0001 Single Zone Units *(23 73 13)*

Note: Horizontal/vertical draw-thru fan, motor and cabinet.

23 73 13 00-0002	EA	300 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	2,951.08	682.54
		For Flat Filter Box And Throwaway Filters, Add	*246.36*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*463.46*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*690.31*	
		For Manual Roll Filter, Add	*1,184.32*	
		For Automatic Roll Filter, Add	*1,283.12*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*591.51*	
		For Electric Heating Coil, Add	*986.72*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*986.72*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*887.91*	
		For Steam Heating Coil, Aluminum Fins, Add	*789.11*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*641.56*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*1,184.32*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*1,085.52*	
		For Hot Water Heating Coil, Copper Fins, Add	*789.11*	
		For Variable Air Volume, Add	*276.64*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,322.54*	
		For 2 Coils, Independent Circuits, Add	*334.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0003	EA	500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	4,665.16	819.05
		For Flat Filter Box And Throwaway Filters, Add	*408.06*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*781.05*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,165.72*	
		For Manual Roll Filter, Add	*2,039.73*	
		For Automatic Roll Filter, Add	*2,214.53*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*990.92*	
		For Electric Heating Coil, Add	*1,690.13*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*1,690.13*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,515.33*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,340.52*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,107.27*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*2,039.73*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*1,864.93*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,340.52*	
		For Variable Air Volume, Add	*489.44*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,458.39*	
		For 2 Coils, Independent Circuits, Add	*536.44*	
23 73 13 00-0004	EA	800 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	5,274.29	879.63
		For Flat Filter Box And Throwaway Filters, Add	*464.60*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*891.51*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,330.98*	
		For Manual Roll Filter, Add	*2,335.43*	
		For Automatic Roll Filter, Add	*2,536.31*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,130.09*	
		For Electric Heating Coil, Add	*1,933.65*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*1,933.65*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,732.76*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,531.87*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,268.16*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*2,335.43*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*2,134.54*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,531.87*	
		For Variable Air Volume, Add	*562.49*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,519.56*	
		For 2 Coils, Independent Circuits, Add	*607.78*	
23 73 13 00-0005	EA	1,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	5,951.63	945.19
		For Flat Filter Box And Throwaway Filters, Add	*527.64*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,014.76*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,515.39*	
		For Manual Roll Filter, Add	*2,665.67*	
		For Automatic Roll Filter, Add	*2,895.73*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,285.33*	
		For Electric Heating Coil, Add	*2,205.56*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,205.56*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,975.50*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,745.45*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,447.86*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*2,665.67*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*2,435.62*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,745.45*	
		For Variable Air Volume, Add	*644.16*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,585.35*	
		For 2 Coils, Independent Circuits, Add	*687.19*	
23 73 13 00-0006	EA	1,200 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	6,750.49	1,016.87
		For Flat Filter Box And Throwaway Filters, Add	*602.50*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,161.47*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,734.95*	
		For Manual Roll Filter, Add	*3,059.83*	
		For Automatic Roll Filter, Add	*3,324.80*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,469.98*	
		For Electric Heating Coil, Add	*2,529.88*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,529.88*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,264.90*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,999.93*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,662.40*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,059.83*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*2,794.85*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,999.93*	
		For Variable Air Volume, Add	*741.93*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,655.69*	
		For 2 Coils, Independent Circuits, Add	*781.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0007	EA	1,400 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	7,682.23	1,092.79
		For Flat Filter Box And Throwaway Filters, Add	*690.17*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,333.50*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,992.45*	
		For Manual Roll Filter, Add	*3,522.74*	
		For Automatic Roll Filter, Add	*3,828.79*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,686.39*	
		For Electric Heating Coil, Add	*2,910.62*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,910.62*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,604.57*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,298.51*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,914.40*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,522.74*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,216.68*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,298.51*	
		For Variable Air Volume, Add	*856.96*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,732.76*	
		For 2 Coils, Independent Circuits, Add	*890.65*	
23 73 13 00-0008	EA	1,600 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	8,412.14	1,174.83
		For Flat Filter Box And Throwaway Filters, Add	*757.48*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,464.71*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,188.69*	
		For Manual Roll Filter, Add	*3,873.03*	
		For Automatic Roll Filter, Add	*4,209.89*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,851.82*	
		For Electric Heating Coil, Add	*3,199.29*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,199.29*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,862.42*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,525.55*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,104.95*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,873.03*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,536.16*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,525.55*	
		For Variable Air Volume, Add	*943.23*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,812.35*	
		For 2 Coils, Independent Circuits, Add	*975.96*	
23 73 13 00-0009	EA	1,800 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	9,203.01	1,266.11
		For Flat Filter Box And Throwaway Filters, Add	*829.88*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,605.52*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,399.24*	
		For Manual Roll Filter, Add	*4,247.90*	
		For Automatic Roll Filter, Add	*4,617.64*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,029.50*	
		For Electric Heating Coil, Add	*3,508.44*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,508.44*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,138.70*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,768.97*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,308.82*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,247.90*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,878.17*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,768.97*	
		For Variable Air Volume, Add	*1,035.25*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,744.59*	
		For 2 Coils, Independent Circuits, Add	*1,068.19*	
23 73 13 00-0010	EA	2,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	10,073.40	1,357.40
		For Flat Filter Box And Throwaway Filters, Add	*910.38*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,762.58*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,634.17*	
		For Manual Roll Filter, Add	*4,667.70*	
		For Automatic Roll Filter, Add	*5,074.41*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,227.46*	
		For Electric Heating Coil, Add	*3,854.29*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,854.29*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,447.58*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,040.88*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,537.21*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,667.70*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,261.00*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,040.88*	
		For Variable Air Volume, Add	*1,138.78*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,816.59*	
		For 2 Coils, Independent Circuits, Add	*1,170.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0011	EA	2,250 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	10,875.79	1,459.05
		For Flat Filter Box And Throwaway Filters, Add	*983.36*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,904.19*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,845.87*	
		For Manual Roll Filter, Add	*5,043.73*	
		For Automatic Roll Filter, Add	*5,483.30*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,406.30*	
		For Electric Heating Coil, Add	*4,164.58*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,164.58*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,725.01*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,285.44*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,741.65*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,043.73*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,604.16*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,285.44*	
		For Variable Air Volume, Add	*1,230.80*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,896.39*	
		For 2 Coils, Independent Circuits, Add	*1,263.41*	
23 73 13 00-0012	EA	2,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	11,732.36	1,569.96
		For Flat Filter Box And Throwaway Filters, Add	*1,061.11*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,054.94*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,071.20*	
		For Manual Roll Filter, Add	*5,443.66*	
		For Automatic Roll Filter, Add	*5,918.15*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,596.71*	
		For Electric Heating Coil, Add	*4,494.67*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,494.67*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,020.18*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,545.69*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,959.07*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,443.66*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,969.16*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,545.69*	
		For Variable Air Volume, Add	*1,328.57*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,983.40*	
		For 2 Coils, Independent Circuits, Add	*1,363.03*	
23 73 13 00-0013	EA	3,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	13,646.92	1,817.26
		For Flat Filter Box And Throwaway Filters, Add	*1,234.89*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,391.90*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,574.88*	
		For Manual Roll Filter, Add	*6,337.61*	
		For Automatic Roll Filter, Add	*6,890.15*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,022.33*	
		For Electric Heating Coil, Add	*5,232.51*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,232.51*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,679.97*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,127.42*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,445.08*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,337.61*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,785.06*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,127.42*	
		For Variable Air Volume, Add	*1,547.13*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,177.80*	
		For 2 Coils, Independent Circuits, Add	*1,585.71*	
23 73 13 00-0014	EA	3,250 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	14,293.49	1,952.92
		For Flat Filter Box And Throwaway Filters, Add	*1,289.82*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,495.91*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,729.91*	
		For Manual Roll Filter, Add	*6,605.62*	
		For Automatic Roll Filter, Add	*7,180.76*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,154.77*	
		For Electric Heating Coil, Add	*5,455.34*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,455.34*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,880.20*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,305.05*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,590.38*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,605.62*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,030.48*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,305.05*	
		For Variable Air Volume, Add	*1,610.39*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,284.87*	
		For 2 Coils, Independent Circuits, Add	*1,659.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0015	EA	3,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	14,953.04	2,098.81
		For Flat Filter Box And Throwaway Filters, Add	*1,345.39*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,600.83*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,886.25*	
		For Manual Roll Filter, Add	*6,874.92*	
		For Automatic Roll Filter, Add	*7,472.66*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,288.51*	
		For Electric Heating Coil, Add	*5,679.45*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,679.45*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,081.72*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,483.98*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,736.33*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,874.92*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,277.19*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,483.98*	
		For Variable Air Volume, Add	*1,673.66*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,399.08*	
		For 2 Coils, Independent Circuits, Add	*1,734.40*	
23 73 13 00-0016	EA	4,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	16,403.24	2,423.02
		For Flat Filter Box And Throwaway Filters, Add	*1,467.20*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,830.51*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,228.46*	
		For Manual Roll Filter, Add	*7,463.63*	
		For Automatic Roll Filter, Add	*8,110.66*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,581.42*	
		For Electric Heating Coil, Add	*6,169.56*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,169.56*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,522.53*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,875.49*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,055.33*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,463.63*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,816.59*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,875.49*	
		For Variable Air Volume, Add	*1,811.69*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,325.03*	
		For 2 Coils, Independent Circuits, Add	*1,899.14*	
23 73 13 00-0017	EA	4,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	16,403.24	2,423.02
		For Flat Filter Box And Throwaway Filters, Add	*1,467.20*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,830.51*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,228.46*	
		For Manual Roll Filter, Add	*7,463.63*	
		For Automatic Roll Filter, Add	*8,110.66*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,581.42*	
		For Electric Heating Coil, Add	*6,169.56*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,169.56*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,522.53*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,875.49*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,055.33*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,463.63*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,816.59*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,875.49*	
		For Variable Air Volume, Add	*1,811.69*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,325.03*	
		For 2 Coils, Independent Circuits, Add	*1,899.14*	
23 73 13 00-0018	EA	5,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	17,985.37	2,783.06
		For Flat Filter Box And Throwaway Filters, Add	*1,599.71*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,080.12*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,600.30*	
		For Manual Roll Filter, Add	*8,102.49*	
		For Automatic Roll Filter, Add	*8,802.93*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,899.86*	
		For Electric Heating Coil, Add	*6,701.61*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,701.61*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,001.17*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,300.73*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,401.47*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,102.49*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,402.05*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,300.73*	
		For Variable Air Volume, Add	*1,961.23*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,530.63*	
		For 2 Coils, Independent Circuits, Add	*2,078.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0019	EA	5,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	18,898.35	3,019.39
		For Flat Filter Box And Throwaway Filters, Add	*1,674.11*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,218.80*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,806.62*	
		For Manual Roll Filter, Add	*8,452.60*	
		For Automatic Roll Filter, Add	*9,181.80*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,077.42*	
		For Electric Heating Coil, Add	*6,994.21*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,994.21*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,265.01*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,535.82*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,590.90*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,452.60*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,723.41*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,535.82*	
		For Variable Air Volume, Add	*2,041.75*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,665.77*	
		For 2 Coils, Independent Circuits, Add	*2,181.51*	
23 73 13 00-0020	EA	6,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	19,793.38	3,243.78
		For Flat Filter Box And Throwaway Filters, Add	*1,747.62*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,356.22*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,011.15*	
		For Manual Roll Filter, Add	*8,800.92*	
		For Automatic Roll Filter, Add	*9,558.87*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,253.20*	
		For Electric Heating Coil, Add	*7,285.01*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,285.01*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,527.06*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,769.11*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,779.44*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,800.92*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*8,042.97*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,769.11*	
		For Variable Air Volume, Add	*2,122.27*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,793.72*	
		For 2 Coils, Independent Circuits, Add	*2,282.52*	
23 73 13 00-0021	EA	6,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	20,693.81	3,472.42
		For Flat Filter Box And Throwaway Filters, Add	*1,821.40*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,494.01*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,216.22*	
		For Manual Roll Filter, Add	*9,149.78*	
		For Automatic Roll Filter, Add	*9,936.49*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,429.51*	
		For Electric Heating Coil, Add	*7,576.35*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,576.35*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,789.64*	
		For Steam Heating Coil, Aluminum Fins, Add	*6,002.93*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,968.24*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*9,149.78*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*8,363.07*	
		For Hot Water Heating Coil, Copper Fins, Add	*6,002.93*	
		For Variable Air Volume, Add	*2,202.79*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,923.84*	
		For 2 Coils, Independent Circuits, Add	*2,384.07*	
23 73 13 00-0022	EA	7,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	21,731.38	3,737.77
		For Flat Filter Box And Throwaway Filters, Add	*1,906.15*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,652.09*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,451.44*	
		For Manual Roll Filter, Add	*9,549.32*	
		For Automatic Roll Filter, Add	*10,368.90*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,631.87*	
		For Electric Heating Coil, Add	*7,910.17*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,910.17*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,090.59*	
		For Steam Heating Coil, Aluminum Fins, Add	*6,271.02*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,184.45*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*9,549.32*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*8,729.75*	
		For Hot Water Heating Coil, Copper Fins, Add	*6,271.02*	
		For Variable Air Volume, Add	*2,294.81*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,075.94*	
		For 2 Coils, Independent Circuits, Add	*2,500.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0023	EA	7,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	22,784.46	4,004.81
		For Flat Filter Box And Throwaway Filters, Add	*1,991.66*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,811.26*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,688.21*	
		For Manual Roll Filter, Add	*9,950.42*	
		For Automatic Roll Filter, Add	*10,802.86*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,835.77*	
		For Electric Heating Coil, Add	*8,245.53*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,245.53*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,393.09*	
		For Steam Heating Coil, Aluminum Fins, Add	*6,540.65*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,401.43*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*9,950.42*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*9,097.97*	
		For Hot Water Heating Coil, Copper Fins, Add	*6,540.65*	
		For Variable Air Volume, Add	*2,386.83*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,900.69*	
		For 2 Coils, Independent Circuits, Add	*2,619.42*	
23 73 13 00-0024	EA	8,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	23,869.57	4,312.68
		For Flat Filter Box And Throwaway Filters, Add	*2,078.78*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,972.67*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,928.18*	
		For Manual Roll Filter, Add	*10,354.71*	
		For Automatic Roll Filter, Add	*11,240.02*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,042.88*	
		For Electric Heating Coil, Add	*8,584.10*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,584.10*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,698.79*	
		For Steam Heating Coil, Aluminum Fins, Add	*6,813.49*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,620.01*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*10,354.71*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*9,469.41*	
		For Hot Water Heating Coil, Copper Fins, Add	*6,813.49*	
		For Variable Air Volume, Add	*2,478.86*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,029.04*	
		For 2 Coils, Independent Circuits, Add	*2,741.08*	
23 73 13 00-0025	EA	9,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	25,105.82	4,672.00
		For Flat Filter Box And Throwaway Filters, Add	*2,177.57*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,155.33*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,199.70*	
		For Manual Roll Filter, Add	*10,811.10*	
		For Automatic Roll Filter, Add	*11,733.38*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,277.42*	
		For Electric Heating Coil, Add	*8,966.54*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,966.54*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,044.26*	
		For Steam Heating Coil, Aluminum Fins, Add	*7,121.98*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,866.69*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*10,811.10*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*9,888.82*	
		For Hot Water Heating Coil, Copper Fins, Add	*7,121.98*	
		For Variable Air Volume, Add	*2,582.38*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,178.07*	
		For 2 Coils, Independent Circuits, Add	*2,879.49*	
23 73 13 00-0026	EA	10,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	26,312.68	4,988.16
		For Flat Filter Box And Throwaway Filters, Add	*2,274.89*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,335.95*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,468.28*	
		For Manual Roll Filter, Add	*11,264.55*	
		For Automatic Roll Filter, Add	*12,223.80*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,509.03*	
		For Electric Heating Coil, Add	*9,346.04*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*9,346.04*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,386.79*	
		For Steam Heating Coil, Aluminum Fins, Add	*7,427.53*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*6,111.90*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*11,264.55*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*10,305.29*	
		For Hot Water Heating Coil, Copper Fins, Add	*7,427.53*	
		For Variable Air Volume, Add	*2,685.91*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,318.29*	
		For 2 Coils, Independent Circuits, Add	*3,014.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0027	EA	11,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	26,431.08	4,829.82
		For Flat Filter Box And Throwaway Filters, Add	*2,299.29*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,392.30*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,554.07*	
		For Manual Roll Filter, Add	*11,442.76*	
		For Automatic Roll Filter, Add	*12,420.50*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,576.33*	
		For Electric Heating Coil, Add	*9,487.28*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*9,487.28*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,509.55*	
		For Steam Heating Coil, Aluminum Fins, Add	*7,531.81*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*6,210.25*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*11,442.76*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*10,465.02*	
		For Hot Water Heating Coil, Copper Fins, Add	*7,531.81*	
		For Variable Air Volume, Add	*2,737.67*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,242.89*	
		For 2 Coils, Independent Circuits, Add	*3,034.20*	
23 73 13 00-0028	EA	12,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	27,578.03	5,358.56
		For Flat Filter Box And Throwaway Filters, Add	*2,375.13*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,520.65*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,742.71*	
		For Manual Roll Filter, Add	*11,723.84*	
		For Automatic Roll Filter, Add	*12,720.06*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,746.48*	
		For Electric Heating Coil, Add	*9,731.39*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*9,731.39*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,735.16*	
		For Steam Heating Coil, Aluminum Fins, Add	*7,738.93*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*6,360.03*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*11,723.84*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*10,727.61*	
		For Hot Water Heating Coil, Copper Fins, Add	*7,738.93*	
		For Variable Air Volume, Add	*2,789.43*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,476.05*	
		For 2 Coils, Independent Circuits, Add	*3,156.29*	
23 73 13 00-0029	EA	13,700 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	29,043.19	5,573.80
		For Flat Filter Box And Throwaway Filters, Add	*2,507.95*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,778.09*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*7,127.50*	
		For Manual Roll Filter, Add	*12,406.47*	
		For Automatic Roll Filter, Add	*13,462.26*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*6,071.70*	
		For Electric Heating Coil, Add	*10,294.88*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*10,294.88*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*9,239.09*	
		For Steam Heating Coil, Aluminum Fins, Add	*8,183.29*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*6,731.13*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*12,406.47*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*11,350.68*	
		For Hot Water Heating Coil, Copper Fins, Add	*8,183.29*	
		For Variable Air Volume, Add	*2,956.22*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,985.46*	
		For 2 Coils, Independent Circuits, Add	*3,326.64*	
23 73 13 00-0030	EA	15,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	30,584.48	5,789.65
		For Flat Filter Box And Throwaway Filters, Add	*2,644.59*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,040.86*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*7,519.90*	
		For Manual Roll Filter, Add	*13,096.71*	
		For Automatic Roll Filter, Add	*14,212.07*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*6,404.54*	
		For Electric Heating Coil, Add	*10,865.99*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*10,865.99*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*9,750.62*	
		For Steam Heating Coil, Aluminum Fins, Add	*8,635.26*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*7,106.04*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*13,096.71*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*11,981.35*	
		For Hot Water Heating Coil, Copper Fins, Add	*8,635.26*	
		For Variable Air Volume, Add	*3,123.02*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,055.45*	
		For 2 Coils, Independent Circuits, Add	*3,504.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0031	EA	16,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	32,219.42	6,012.33
		For Flat Filter Box And Throwaway Filters, Add	*2,794.12*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,331.54*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*7,954.53*	
		For Manual Roll Filter, Add	*13,870.27*	
		For Automatic Roll Filter, Add	*15,053.41*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*6,771.38*	
		For Electric Heating Coil, Add	*11,503.97*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*11,503.97*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*10,320.82*	
		For Steam Heating Coil, Aluminum Fins, Add	*9,137.68*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*7,526.71*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*13,870.27*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*12,687.12*	
		For Hot Water Heating Coil, Copper Fins, Add	*9,137.68*	
		For Variable Air Volume, Add	*3,312.81*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,111.30*	
		For 2 Coils, Independent Circuits, Add	*3,695.20*	
23 73 13 00-0032	EA	17,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	33,922.36	6,235.25
		For Flat Filter Box And Throwaway Filters, Add	*2,947.05*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,626.99*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*8,395.96*	
		For Manual Roll Filter, Add	*14,650.62*	
		For Automatic Roll Filter, Add	*15,901.55*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*7,145.03*	
		For Electric Heating Coil, Add	*12,148.76*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*12,148.76*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*10,897.83*	
		For Steam Heating Coil, Aluminum Fins, Add	*9,646.89*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*7,950.78*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*14,650.62*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*13,399.69*	
		For Hot Water Heating Coil, Copper Fins, Add	*9,646.89*	
		For Variable Air Volume, Add	*3,502.61*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,180.75*	
		For 2 Coils, Independent Circuits, Add	*3,892.61*	
23 73 13 00-0033	EA	20,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	37,819.30	6,684.63
		For Flat Filter Box And Throwaway Filters, Add	*3,304.17*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*6,321.68*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*10,847.95*	
		For Manual Roll Filter, Add	*15,652.84*	
		For Automatic Roll Filter, Add	*16,500.76*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*6,608.34*	
		For Electric Heating Coil, Add	*7,173.62*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*12,261.15*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*10,847.95*	
		For Steam Heating Coil, Aluminum Fins, Add	*9,434.74*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*7,543.78*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*15,087.56*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*13,674.35*	
		For Hot Water Heating Coil, Copper Fins, Add	*10,847.95*	
		For Variable Air Volume, Add	*3,956.97*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,407.17*	
		For 2 Coils, Independent Circuits, Add	*4,347.21*	
23 73 13 00-0034	EA	22,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	41,961.76	7,204.21
		For Flat Filter Box And Throwaway Filters, Add	*3,679.73*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*7,049.58*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*12,104.36*	
		For Manual Roll Filter, Add	*17,481.93*	
		For Automatic Roll Filter, Add	*18,430.91*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*7,359.45*	
		For Electric Heating Coil, Add	*7,992.11*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*13,686.00*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*12,104.36*	
		For Steam Heating Coil, Aluminum Fins, Add	*10,522.73*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*8,424.64*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*16,849.28*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*15,267.64*	
		For Hot Water Heating Coil, Copper Fins, Add	*12,104.36*	
		For Variable Air Volume, Add	*4,428.59*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,542.58*	
		For 2 Coils, Independent Circuits, Add	*4,828.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0035	EA	25,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	46,488.96	7,719.17
		For Flat Filter Box And Throwaway Filters, Add	*4,097.11*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*7,863.16*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*13,512.23*	
		For Manual Roll Filter, Add	*19,539.29*	
		For Automatic Roll Filter, Add	*20,602.89*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*8,194.23*	
		For Electric Heating Coil, Add	*8,903.30*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*15,284.90*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*13,512.23*	
		For Steam Heating Coil, Aluminum Fins, Add	*11,739.56*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*9,415.11*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*18,830.23*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*17,057.56*	
		For Hot Water Heating Coil, Copper Fins, Add	*13,512.23*	
		For Variable Air Volume, Add	*4,963.47*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,666.24*	
		For 2 Coils, Independent Circuits, Add	*5,357.96*	
23 73 13 00-0036	EA	27,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	57,225.62	8,313.35
		For Flat Filter Box And Throwaway Filters, Add	*5,128.98*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*9,901.81*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*17,061.05*	
		For Manual Roll Filter, Add	*24,771.23*	
		For Automatic Roll Filter, Add	*26,131.85*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*10,257.96*	
		For Electric Heating Coil, Add	*11,165.04*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*19,328.75*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*17,061.05*	
		For Steam Heating Coil, Aluminum Fins, Add	*14,793.36*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*11,932.08*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*23,864.15*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*21,596.45*	
		For Hot Water Heating Coil, Copper Fins, Add	*17,061.05*	
		For Variable Air Volume, Add	*6,349.56*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,812.54*	
		For 2 Coils, Independent Circuits, Add	*6,629.64*	
23 73 13 00-0037	EA	30,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	63,936.44	8,873.27
		For Flat Filter Box And Throwaway Filters, Add	*5,760.31*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*11,140.61*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*19,211.07*	
		For Manual Roll Filter, Add	*27,926.92*	
		For Automatic Roll Filter, Add	*29,465.01*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*11,520.61*	
		For Electric Heating Coil, Add	*12,546.01*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*21,774.55*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*19,211.07*	
		For Steam Heating Coil, Aluminum Fins, Add	*16,647.58*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*13,450.76*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*26,901.52*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*24,338.04*	
		For Hot Water Heating Coil, Copper Fins, Add	*19,211.07*	
		For Variable Air Volume, Add	*7,177.76*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,665.01*	
		For 2 Coils, Independent Circuits, Add	*7,419.04*	
23 73 13 00-0038	EA	32,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	70,048.39	9,555.21
		For Flat Filter Box And Throwaway Filters, Add	*6,322.66*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*12,236.02*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*21,106.06*	
		For Manual Roll Filter, Add	*30,694.89*	
		For Automatic Roll Filter, Add	*32,387.04*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*12,645.33*	
		For Electric Heating Coil, Add	*13,773.43*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*23,926.31*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*21,106.06*	
		For Steam Heating Coil, Aluminum Fins, Add	*18,285.82*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*14,783.40*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*29,566.80*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*26,746.55*	
		For Hot Water Heating Coil, Copper Fins, Add	*21,106.06*	
		For Variable Air Volume, Add	*7,896.68*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,811.53*	
		For 2 Coils, Independent Circuits, Add	*8,132.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0039	EA	35,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	76,856.62	10,661.38
		For Flat Filter Box And Throwaway Filters, Add	*6,944.48*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*13,444.26*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*23,193.92*	
		For Manual Roll Filter, Add	*33,739.54*	
		For Automatic Roll Filter, Add	*35,600.53*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*13,888.97*	
		For Electric Heating Coil, Add	*15,129.63*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*26,295.58*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*23,193.92*	
		For Steam Heating Coil, Aluminum Fins, Add	*20,092.27*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*16,249.44*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*32,498.88*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*29,397.23*	
		For Hot Water Heating Coil, Copper Fins, Add	*23,193.92*	
		For Variable Air Volume, Add	*8,684.63*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,988.54*	
		For 2 Coils, Independent Circuits, Add	*8,926.32*	
23 73 13 00-0040	EA	37,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	82,719.41	11,006.10
		For Flat Filter Box And Throwaway Filters, Add	*7,486.17*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*14,500.87*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*25,022.92*	
		For Manual Roll Filter, Add	*36,413.58*	
		For Automatic Roll Filter, Add	*38,423.70*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*14,972.33*	
		For Electric Heating Coil, Add	*16,312.41*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*28,373.11*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*25,022.92*	
		For Steam Heating Coil, Aluminum Fins, Add	*21,672.72*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*17,536.75*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*35,073.51*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*31,723.31*	
		For Hot Water Heating Coil, Copper Fins, Add	*25,022.92*	
		For Variable Air Volume, Add	*9,380.55*	
		For Economizer, Panel, Controls And Damper(s), Add	*4,122.33*	
		For 2 Coils, Independent Circuits, Add	*9,612.02*	
23 73 13 00-0041	EA	40,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	89,220.58	11,773.83
		For Flat Filter Box And Throwaway Filters, Add	*8,078.25*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*15,650.23*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*27,008.19*	
		For Manual Roll Filter, Add	*39,306.75*	
		For Automatic Roll Filter, Add	*41,477.09*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*16,156.51*	
		For Electric Heating Coil, Add	*17,603.40*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*30,625.41*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*27,008.19*	
		For Steam Heating Coil, Aluminum Fins, Add	*23,390.96*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*18,929.93*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*37,859.86*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*34,242.64*	
		For Hot Water Heating Coil, Copper Fins, Add	*27,008.19*	
		For Variable Air Volume, Add	*10,128.23*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,939.51*	
		For 2 Coils, Independent Circuits, Add	*10,368.95*	
23 73 13 00-0042	EA	45,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	96,298.31	12,712.45
		For Flat Filter Box And Throwaway Filters, Add	*8,721.77*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*16,898.69*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*29,164.08*	
		For Manual Roll Filter, Add	*42,447.37*	
		For Automatic Roll Filter, Add	*44,791.48*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*17,443.53*	
		For Electric Heating Coil, Add	*19,006.27*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*33,070.93*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*29,164.08*	
		For Steam Heating Coil, Aluminum Fins, Add	*25,257.23*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*20,442.32*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*40,884.63*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*36,977.78*	
		For Hot Water Heating Coil, Copper Fins, Add	*29,164.08*	
		For Variable Air Volume, Add	*10,939.18*	
		For Economizer, Panel, Controls And Damper(s), Add	*4,100.16*	
		For 2 Coils, Independent Circuits, Add	*11,192.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0043	EA	47,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	100,319.51	13,309.55
		For Flat Filter Box And Throwaway Filters, Add	*9,083.04*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*17,596.74*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*30,367.29*	
		For Manual Roll Filter, Add	*44,195.32*	
		For Automatic Roll Filter, Add	*46,635.56*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*18,166.09*	
		For Electric Heating Coil, Add	*19,792.91*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*34,434.36*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*30,367.29*	
		For Steam Heating Coil, Aluminum Fins, Add	*26,300.22*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*21,284.25*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*42,568.49*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*38,501.42*	
		For Hot Water Heating Coil, Copper Fins, Add	*30,367.29*	
		For Variable Air Volume, Add	*11,387.79*	
		For Economizer, Panel, Controls And Damper(s), Add	*4,202.27*	
		For 2 Coils, Independent Circuits, Add	*11,658.78*	
23 73 13 00-0044	EA	50,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	104,110.58	13,821.45
		For Flat Filter Box And Throwaway Filters, Add	*9,424.60*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*18,257.32*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*31,506.40*	
		For Manual Roll Filter, Add	*45,851.24*	
		For Automatic Roll Filter, Add	*48,382.68*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*18,849.20*	
		For Electric Heating Coil, Add	*20,536.82*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*35,725.47*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*31,506.40*	
		For Steam Heating Coil, Aluminum Fins, Add	*27,287.33*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*22,081.81*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*44,163.61*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*39,944.54*	
		For Hot Water Heating Coil, Copper Fins, Add	*31,506.40*	
		For Variable Air Volume, Add	*11,813.39*	
		For Economizer, Panel, Controls And Damper(s), Add	*4,296.15*	
		For 2 Coils, Independent Circuits, Add	*12,098.69*	
23 73 13 00-0045	EA	55,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	112,254.85	14,759.95
		For Flat Filter Box And Throwaway Filters, Add	*10,170.73*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*19,708.62*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*34,015.44*	
		For Manual Roll Filter, Add	*49,512.61*	
		For Automatic Roll Filter, Add	*52,247.41*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*20,341.47*	
		For Electric Heating Coil, Add	*22,164.66*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*38,573.43*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*34,015.44*	
		For Steam Heating Coil, Aluminum Fins, Add	*29,457.45*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*23,844.71*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*47,689.42*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*43,131.43*	
		For Hot Water Heating Coil, Copper Fins, Add	*34,015.44*	
		For Variable Air Volume, Add	*12,762.38*	
		For Economizer, Panel, Controls And Damper(s), Add	*4,466.88*	
		For 2 Coils, Independent Circuits, Add	*13,048.68*	
23 73 13 00-0046	EA	60,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	122,809.61	15,783.75
		For Flat Filter Box And Throwaway Filters, Add	*11,152.42*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*21,627.72*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*37,340.67*	
		For Manual Roll Filter, Add	*54,381.27*	
		For Automatic Roll Filter, Add	*57,388.44*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*22,304.85*	
		For Electric Heating Coil, Add	*24,309.62*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*42,352.61*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*37,340.67*	
		For Steam Heating Coil, Aluminum Fins, Add	*32,328.73*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*26,188.25*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*52,376.50*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*47,364.56*	
		For Hot Water Heating Coil, Copper Fins, Add	*37,340.67*	
		For Variable Air Volume, Add	*14,033.44*	
		For Economizer, Panel, Controls And Damper(s), Add	*4,157.08*	
		For 2 Coils, Independent Circuits, Add	*14,285.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0047	EA	65,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	134,639.18	17,063.52
		For Flat Filter Box And Throwaway Filters, Add	*12,245.10*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*23,758.90*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*41,029.60*	
		For Manual Roll Filter, Add	*59,774.26*	
		For Automatic Roll Filter, Add	*63,082.14*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*24,490.19*	
		For Electric Heating Coil, Add	*26,695.44*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*46,542.73*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*41,029.60*	
		For Steam Heating Coil, Aluminum Fins, Add	*35,516.46*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*28,784.50*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*57,569.01*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*52,055.87*	
		For Hot Water Heating Coil, Copper Fins, Add	*41,029.60*	
		For Variable Air Volume, Add	*15,436.78*	
		For Economizer, Panel, Controls And Damper(s), Add	*4,337.65*	
		For 2 Coils, Independent Circuits, Add	*15,669.17*	
23 73 13 00-0048	EA	70,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	147,809.75	18,513.92
		For Flat Filter Box And Throwaway Filters, Add	*13,456.17*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*26,117.46*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*45,109.39*	
		For Manual Roll Filter, Add	*65,732.70*	
		For Automatic Roll Filter, Add	*69,372.11*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*26,912.34*	
		For Electric Heating Coil, Add	*29,338.61*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*51,175.07*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*45,109.39*	
		For Steam Heating Coil, Aluminum Fins, Add	*39,043.70*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*31,653.22*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*63,306.43*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*57,240.75*	
		For Hot Water Heating Coil, Copper Fins, Add	*45,109.39*	
		For Variable Air Volume, Add	*16,983.91*	
		For Economizer, Panel, Controls And Damper(s), Add	*4,549.61*	
		For 2 Coils, Independent Circuits, Add	*17,207.25*	

23 73 13 00-0049 Multi-Zone Units *(23 73 13)*

Note: Horizontal/vertical blow-thru fan, motor and cabinet.

23 73 13 00-0050	EA	1,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	8,766.16	1,535.47
		For Economizer, Panel, Controls And Damper(s), Add	*2,175.18*	
		For Flat Filter Box And Throwaway Filters, Add	*766.96*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,468.13*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,862.57*	
		For Manual Roll Filter, Add	*3,834.48*	
		For Automatic Roll Filter, Add	*3,834.48*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*876.62*	
		For Electric Heating Coil, Add	*1,008.08*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,177.18*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,177.18*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,834.48*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,834.48*	
		For 2 Coils, Independent Circuits, Add	*1,008.08*	
23 73 13 00-0051	EA	1,200 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	10,923.42	1,923.67
		For Economizer, Panel, Controls And Damper(s), Add	*2,563.74*	
		For Flat Filter Box And Throwaway Filters, Add	*954.93*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,827.42*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,318.63*	
		For Manual Roll Filter, Add	*4,771.19*	
		For Automatic Roll Filter, Add	*4,771.19*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,092.34*	
		For Electric Heating Coil, Add	*1,255.85*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,953.67*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,953.67*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,771.19*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,771.19*	
		For 2 Coils, Independent Circuits, Add	*1,255.85*	
23 73 13 00-0052	EA	1,600 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	13,523.61	2,047.38
		For Economizer, Panel, Controls And Damper(s), Add	*2,687.21*	
		For Flat Filter Box And Throwaway Filters, Add	*1,206.13*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,324.53*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,942.21*	
		For Manual Roll Filter, Add	*6,121.92*	
		For Automatic Roll Filter, Add	*6,121.92*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,352.36*	
		For Electric Heating Coil, Add	*1,564.34*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,062.02*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,062.02*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,121.92*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,121.92*	
		For 2 Coils, Independent Circuits, Add	*1,564.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0053	EA	2,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	14,058.88	2,192.42
		For Economizer, Panel, Controls And Damper(s), Add	*2,831.84*	
		For Flat Filter Box And Throwaway Filters, Add	*1,249.33*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,404.72*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,045.04*	
		For Manual Roll Filter, Add	*6,323.34*	
		For Automatic Roll Filter, Add	*6,323.34*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,405.89*	
		For Electric Heating Coil, Add	*1,624.44*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,230.58*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,230.58*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,323.34*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,323.34*	
		For 2 Coils, Independent Circuits, Add	*1,624.44*	
23 73 13 00-0054	EA	2,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	16,462.64	2,350.26
		For Economizer, Panel, Controls And Damper(s), Add	*2,990.35*	
		For Flat Filter Box And Throwaway Filters, Add	*1,478.38*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,856.03*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,612.01*	
		For Manual Roll Filter, Add	*7,543.51*	
		For Automatic Roll Filter, Add	*7,543.51*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,646.26*	
		For Electric Heating Coil, Add	*1,908.36*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,233.01*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,233.01*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,543.51*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,543.51*	
		For 2 Coils, Independent Circuits, Add	*1,908.36*	
23 73 13 00-0055	EA	3,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	17,357.65	2,516.87
		For Economizer, Panel, Controls And Damper(s), Add	*3,156.75*	
		For Flat Filter Box And Throwaway Filters, Add	*1,556.00*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,004.13*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,800.11*	
		For Manual Roll Filter, Add	*7,928.80*	
		For Automatic Roll Filter, Add	*7,928.80*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,735.77*	
		For Electric Heating Coil, Add	*2,011.01*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,552.57*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,552.57*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,928.80*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,928.80*	
		For 2 Coils, Independent Circuits, Add	*2,011.01*	
23 73 13 00-0056	EA	3,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	18,299.50	2,687.38
		For Economizer, Panel, Controls And Damper(s), Add	*3,327.17*	
		For Flat Filter Box And Throwaway Filters, Add	*1,638.01*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,160.85*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,999.05*	
		For Manual Roll Filter, Add	*8,337.26*	
		For Automatic Roll Filter, Add	*8,337.26*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,829.95*	
		For Electric Heating Coil, Add	*2,119.16*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,891.19*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,891.19*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,337.26*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*8,337.26*	
		For 2 Coils, Independent Circuits, Add	*2,119.16*	
23 73 13 00-0057	EA	4,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	20,420.05	2,883.73
		For Economizer, Panel, Controls And Damper(s), Add	*3,010.89*	
		For Flat Filter Box And Throwaway Filters, Add	*1,836.47*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,549.62*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,488.41*	
		For Manual Roll Filter, Add	*9,381.21*	
		For Automatic Roll Filter, Add	*9,381.21*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,042.01*	
		For Electric Heating Coil, Add	*2,368.19*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,750.28*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,750.28*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*9,381.21*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*9,381.21*	
		For 2 Coils, Independent Circuits, Add	*2,368.19*	
23 73 13 00-0058	EA	4,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	22,323.55	3,088.26
		For Economizer, Panel, Controls And Damper(s), Add	*3,176.61*	
		For Flat Filter Box And Throwaway Filters, Add	*2,011.75*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,891.15*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,919.08*	
		For Manual Roll Filter, Add	*10,292.54*	
		For Automatic Roll Filter, Add	*10,292.54*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,232.36*	
		For Electric Heating Coil, Add	*2,590.59*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,501.39*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,501.39*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*10,292.54*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*10,292.54*	
		For 2 Coils, Independent Circuits, Add	*2,590.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0059	EA	5,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	23,598.84	3,298.38
		For Economizer, Panel, Controls And Damper(s), Add	*3,335.74*	
		For Flat Filter Box And Throwaway Filters, Add	*2,124.82*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,108.59*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,194.51*	
		For Manual Roll Filter, Add	*10,863.75*	
		For Automatic Roll Filter, Add	*10,863.75*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,359.88*	
		For Electric Heating Coil, Add	*2,737.83*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,974.01*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,974.01*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*10,863.75*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*10,863.75*	
		For 2 Coils, Independent Circuits, Add	*2,737.83*	
23 73 13 00-0060	EA	5,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	26,029.10	3,523.86
		For Economizer, Panel, Controls And Damper(s), Add	*3,520.05*	
		For Flat Filter Box And Throwaway Filters, Add	*2,351.09*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,551.08*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,751.81*	
		For Manual Roll Filter, Add	*12,049.60*	
		For Automatic Roll Filter, Add	*12,049.60*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,602.91*	
		For Electric Heating Coil, Add	*3,022.76*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*9,950.33*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*9,950.33*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*12,049.60*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*12,049.60*	
		For 2 Coils, Independent Circuits, Add	*3,022.76*	
23 73 13 00-0061	EA	6,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	27,694.31	3,771.28
		For Economizer, Panel, Controls And Damper(s), Add	*3,712.88*	
		For Flat Filter Box And Throwaway Filters, Add	*2,500.08*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,838.54*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,115.52*	
		For Manual Roll Filter, Add	*12,807.69*	
		For Automatic Roll Filter, Add	*12,807.69*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,769.43*	
		For Electric Heating Coil, Add	*3,215.58*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*10,576.97*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*10,576.97*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*12,807.69*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*12,807.69*	
		For 2 Coils, Independent Circuits, Add	*3,215.58*	
23 73 13 00-0062	EA	6,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	30,371.32	4,095.25
		For Economizer, Panel, Controls And Damper(s), Add	*3,965.12*	
		For Flat Filter Box And Throwaway Filters, Add	*2,744.85*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,314.33*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,715.98*	
		For Manual Roll Filter, Add	*14,073.67*	
		For Automatic Roll Filter, Add	*14,073.67*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,037.13*	
		For Electric Heating Coil, Add	*3,527.65*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*11,621.11*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*11,621.11*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*14,073.67*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*14,073.67*	
		For 2 Coils, Independent Circuits, Add	*3,527.65*	
23 73 13 00-0063	EA	7,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	32,632.06	4,411.05
		For Economizer, Panel, Controls And Damper(s), Add	*4,214.35*	
		For Flat Filter Box And Throwaway Filters, Add	*2,948.27*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,707.57*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*7,213.19*	
		For Manual Roll Filter, Add	*15,113.16*	
		For Automatic Roll Filter, Add	*15,113.16*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,263.21*	
		For Electric Heating Coil, Add	*3,789.87*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*12,479.84*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*12,479.84*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*15,113.16*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*15,113.16*	
		For 2 Coils, Independent Circuits, Add	*3,789.87*	
23 73 13 00-0064	EA	7,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	34,242.01	4,769.25
		For Economizer, Panel, Controls And Damper(s), Add	*3,659.83*	
		For Flat Filter Box And Throwaway Filters, Add	*3,084.22*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,964.46*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*7,540.57*	
		For Manual Roll Filter, Add	*15,773.30*	
		For Automatic Roll Filter, Add	*15,773.30*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,424.20*	
		For Electric Heating Coil, Add	*3,973.05*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*13,029.06*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*13,029.06*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*15,773.30*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*15,773.30*	
		For 2 Coils, Independent Circuits, Add	*3,973.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0065	EA	8,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	38,000.17	5,144.41
		For Economizer, Panel, Controls And Damper(s), Add	*3,881.35*	
		For Flat Filter Box And Throwaway Filters, Add	*3,432.35*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*6,644.09*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*8,397.04*	
		For Manual Roll Filter, Add	*17,591.07*	
		For Automatic Roll Filter, Add	*17,591.07*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,800.02*	
		For Electric Heating Coil, Add	*4,412.95*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*14,526.39*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*14,526.39*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*17,591.07*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*17,591.07*	
		For 2 Coils, Independent Circuits, Add	*4,412.95*	
23 73 13 00-0066	EA	8,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	40,011.94	5,545.40
		For Economizer, Panel, Controls And Damper(s), Add	*4,110.92*	
		For Flat Filter Box And Throwaway Filters, Add	*3,604.83*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*6,971.84*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*8,813.89*	
		For Manual Roll Filter, Add	*18,439.28*	
		For Automatic Roll Filter, Add	*18,439.28*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,001.19*	
		For Electric Heating Coil, Add	*4,642.89*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*15,230.82*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*15,230.82*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*18,439.28*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*18,439.28*	
		For 2 Coils, Independent Circuits, Add	*4,642.89*	
23 73 13 00-0067	EA	9,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	42,239.96	6,006.36
		For Economizer, Panel, Controls And Damper(s), Add	*4,361.26*	
		For Flat Filter Box And Throwaway Filters, Add	*3,796.34*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*7,336.08*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*9,277.02*	
		For Manual Roll Filter, Add	*19,383.07*	
		For Automatic Roll Filter, Add	*19,383.07*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,224.00*	
		For Electric Heating Coil, Add	*4,897.73*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*16,014.38*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*16,014.38*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*19,383.07*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*19,383.07*	
		For 2 Coils, Independent Circuits, Add	*4,897.73*	
23 73 13 00-0068	EA	10,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	44,639.78	6,483.78
		For Economizer, Panel, Controls And Damper(s), Add	*3,960.59*	
		For Flat Filter Box And Throwaway Filters, Add	*4,000.55*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*7,723.04*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*9,769.65*	
		For Manual Roll Filter, Add	*20,381.00*	
		For Automatic Roll Filter, Add	*20,381.00*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,463.98*	
		For Electric Heating Coil, Add	*5,171.40*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*16,843.88*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*16,843.88*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*20,381.00*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*20,381.00*	
		For 2 Coils, Independent Circuits, Add	*5,171.40*	
23 73 13 00-0069	EA	11,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	45,893.61	6,731.56
		For Economizer, Panel, Controls And Damper(s), Add	*4,071.76*	
		For Flat Filter Box And Throwaway Filters, Add	*4,107.40*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*7,925.63*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*10,027.52*	
		For Manual Roll Filter, Add	*20,903.85*	
		For Automatic Roll Filter, Add	*20,903.85*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,589.36*	
		For Electric Heating Coil, Add	*5,314.45*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*17,278.41*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*17,278.41*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*20,903.85*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*20,903.85*	
		For 2 Coils, Independent Circuits, Add	*5,314.45*	
23 73 13 00-0070	EA	12,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	47,091.76	6,971.79
		For Economizer, Panel, Controls And Damper(s), Add	*4,166.23*	
		For Flat Filter Box And Throwaway Filters, Add	*4,211.47*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*8,124.32*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*10,279.83*	
		For Manual Roll Filter, Add	*21,421.13*	
		For Automatic Roll Filter, Add	*21,421.13*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,709.18*	
		For Electric Heating Coil, Add	*5,451.93*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*17,707.36*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*17,707.36*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*21,421.13*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*21,421.13*	
		For 2 Coils, Independent Circuits, Add	*5,451.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0071	EA	13,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	53,276.78	7,252.00
		For Economizer, Panel, Controls And Damper(s), Add	*3,477.54*	
		For Flat Filter Box And Throwaway Filters, Add	*4,808.29*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*9,304.96*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*11,761.04*	
		For Manual Roll Filter, Add	*24,627.76*	
		For Automatic Roll Filter, Add	*24,627.76*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,327.68*	
		For Electric Heating Coil, Add	*6,185.46*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*20,338.86*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*20,338.86*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*24,627.76*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*24,627.76*	
		For 2 Coils, Independent Circuits, Add	*6,185.46*	
23 73 13 00-0072	EA	15,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	59,415.93	7,539.28
		For Economizer, Panel, Controls And Damper(s), Add	*3,620.70*	
		For Flat Filter Box And Throwaway Filters, Add	*5,402.82*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*10,482.38*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*13,237.67*	
		For Manual Roll Filter, Add	*27,829.81*	
		For Automatic Roll Filter, Add	*27,829.81*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,941.59*	
		For Electric Heating Coil, Add	*6,914.40*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*22,965.76*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*22,965.76*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*27,829.81*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*27,829.81*	
		For 2 Coils, Independent Circuits, Add	*6,914.40*	
23 73 13 00-0073	EA	16,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	68,376.46	7,823.62
		For Economizer, Panel, Controls And Damper(s), Add	*3,689.83*	
		For Flat Filter Box And Throwaway Filters, Add	*6,279.12*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*12,223.13*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*15,418.54*	
		For Manual Roll Filter, Add	*32,580.34*	
		For Automatic Roll Filter, Add	*32,580.34*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*6,837.65*	
		For Electric Heating Coil, Add	*7,981.77*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*26,859.74*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*26,859.74*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*32,580.34*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*32,580.34*	
		For 2 Coils, Independent Circuits, Add	*7,981.77*	
23 73 13 00-0074	EA	17,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	77,342.57	8,105.17
		For Economizer, Panel, Controls And Damper(s), Add	*3,759.94*	
		For Flat Filter Box And Throwaway Filters, Add	*7,155.70*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*13,964.27*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*17,599.98*	
		For Manual Roll Filter, Add	*37,331.42*	
		For Automatic Roll Filter, Add	*37,331.42*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*7,734.26*	
		For Electric Heating Coil, Add	*9,049.69*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*30,754.27*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*30,754.27*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*37,331.42*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*37,331.42*	
		For 2 Coils, Independent Circuits, Add	*9,049.69*	
23 73 13 00-0075	EA	20,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	86,867.25	8,787.71
		For Economizer, Panel, Controls And Damper(s), Add	*3,931.40*	
		For Flat Filter Box And Throwaway Filters, Add	*8,059.18*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*12,026.02*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*19,834.19*	
		For Manual Roll Filter, Add	*30,981.65*	
		For Automatic Roll Filter, Add	*38,413.29*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*8,686.73*	
		For Electric Heating Coil, Add	*10,173.05*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*30,981.65*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*30,981.65*	
		For Steam Heating Coil, Aluminum Fins, Add	*16,118.37*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*38,413.29*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*38,413.29*	
		For 2 Coils, Independent Circuits, Add	*10,173.05*	
23 73 13 00-0076	EA	22,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	93,684.89	9,555.57
		For Economizer, Panel, Controls And Damper(s), Add	*3,801.40*	
		For Flat Filter Box And Throwaway Filters, Add	*8,689.69*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*12,966.66*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*21,384.83*	
		For Manual Roll Filter, Add	*33,401.16*	
		For Automatic Roll Filter, Add	*41,412.05*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*9,368.49*	
		For Electric Heating Coil, Add	*10,970.67*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*33,401.16*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*33,401.16*	
		For Steam Heating Coil, Aluminum Fins, Add	*17,379.38*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*41,412.05*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*41,412.05*	
		For 2 Coils, Independent Circuits, Add	*10,970.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0077	EA	25,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	111,860.50	10,323.06
		For Economizer, Panel, Controls And Damper(s), Add	*3,976.58*	
		For Flat Filter Box And Throwaway Filters, Add	*10,448.86*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*15,599.57*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*25,753.55*	
		For Manual Roll Filter, Add	*40,321.05*	
		For Automatic Roll Filter, Add	*50,032.71*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*11,186.05*	
		For Electric Heating Coil, Add	*13,128.38*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*40,321.05*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*40,321.05*	
		For Steam Heating Coil, Aluminum Fins, Add	*20,897.72*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*50,032.71*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*50,032.71*	
		For 2 Coils, Independent Circuits, Add	*13,128.38*	
23 73 13 00-0078	EA	27,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	126,494.20	11,176.60
		For Economizer, Panel, Controls And Damper(s), Add	*4,156.59*	
		For Flat Filter Box And Throwaway Filters, Add	*11,852.22*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*17,698.62*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*29,231.96*	
		For Manual Roll Filter, Add	*45,814.51*	
		For Automatic Roll Filter, Add	*56,869.54*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*12,649.42*	
		For Electric Heating Coil, Add	*14,860.43*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*45,814.51*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*45,814.51*	
		For Steam Heating Coil, Aluminum Fins, Add	*23,704.45*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*56,869.54*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*56,869.54*	
		For 2 Coils, Independent Circuits, Add	*14,860.43*	
23 73 13 00-0079	EA	30,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	137,110.31	12,030.15
		For Economizer, Panel, Controls And Damper(s), Add	*4,344.02*	
		For Flat Filter Box And Throwaway Filters, Add	*12,851.36*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*19,191.07*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*31,698.56*	
		For Manual Roll Filter, Add	*49,686.09*	
		For Automatic Roll Filter, Add	*61,677.78*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*13,711.03*	
		For Electric Heating Coil, Add	*16,109.37*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*49,686.09*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*49,686.09*	
		For Steam Heating Coil, Aluminum Fins, Add	*25,702.72*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*61,677.78*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*61,677.78*	
		For 2 Coils, Independent Circuits, Add	*16,109.37*	
23 73 13 00-0080	EA	32,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	153,194.50	14,077.04
		For Economizer, Panel, Controls And Damper(s), Add	*4,341.31*	
		For Flat Filter Box And Throwaway Filters, Add	*14,314.93*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*21,371.94*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*35,285.05*	
		For Manual Roll Filter, Add	*55,250.66*	
		For Automatic Roll Filter, Add	*68,561.06*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*15,319.45*	
		For Electric Heating Coil, Add	*17,981.53*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*55,250.66*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*55,250.66*	
		For Steam Heating Coil, Aluminum Fins, Add	*28,629.85*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*68,561.06*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*68,561.06*	
		For 2 Coils, Independent Circuits, Add	*17,981.53*	
23 73 13 00-0081	EA	35,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	153,945.90	14,589.31
		For Economizer, Panel, Controls And Damper(s), Add	*4,435.23*	
		For Flat Filter Box And Throwaway Filters, Add	*14,352.50*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*21,424.54*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*35,360.19*	
		For Manual Roll Filter, Add	*55,325.80*	
		For Automatic Roll Filter, Add	*68,636.20*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*15,394.59*	
		For Electric Heating Coil, Add	*18,056.67*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*55,325.80*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*55,325.80*	
		For Steam Heating Coil, Aluminum Fins, Add	*28,704.99*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*68,636.20*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*68,636.20*	
		For 2 Coils, Independent Circuits, Add	*18,056.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0082	EA	37,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	161,023.86	15,100.73
		For Economizer, Panel, Controls And Damper(s), Add	*4,529.16*	
		For Flat Filter Box And Throwaway Filters, Add	*15,022.72*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*22,426.12*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*37,016.97*	
		For Manual Roll Filter, Add	*57,931.56*	
		For Automatic Roll Filter, Add	*71,874.62*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*16,102.39*	
		For Electric Heating Coil, Add	*18,891.00*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*57,931.56*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*57,931.56*	
		For Steam Heating Coil, Aluminum Fins, Add	*30,045.44*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*71,874.62*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*71,874.62*	
		For 2 Coils, Independent Circuits, Add	*18,891.00*	
23 73 13 00-0083	EA	40,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	168,447.40	16,210.34
		For Economizer, Panel, Controls And Damper(s), Add	*4,722.77*	
		For Flat Filter Box And Throwaway Filters, Add	*15,687.63*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*23,415.74*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*38,640.53*	
		For Manual Roll Filter, Add	*60,436.31*	
		For Automatic Roll Filter, Add	*74,966.84*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*16,844.74*	
		For Electric Heating Coil, Add	*19,750.84*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*60,436.31*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*60,436.31*	
		For Steam Heating Coil, Aluminum Fins, Add	*31,375.26*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*74,966.84*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*74,966.84*	
		For 2 Coils, Independent Circuits, Add	*19,750.84*	
23 73 13 00-0084	EA	45,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	181,569.62	17,063.52
		For Economizer, Panel, Controls And Damper(s), Add	*4,863.57*	
		For Flat Filter Box And Throwaway Filters, Add	*16,943.53*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*25,293.96*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*41,752.12*	
		For Manual Roll Filter, Add	*65,347.27*	
		For Automatic Roll Filter, Add	*81,077.37*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*18,156.96*	
		For Electric Heating Coil, Add	*21,302.98*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*65,347.27*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*65,347.27*	
		For Steam Heating Coil, Aluminum Fins, Add	*33,887.07*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*81,077.37*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*81,077.37*	
		For 2 Coils, Independent Circuits, Add	*21,302.98*	
23 73 13 00-0085	EA	50,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	195,210.97	18,002.01
		For Economizer, Panel, Controls And Damper(s), Add	*4,474.98*	
		For Flat Filter Box And Throwaway Filters, Add	*18,233.61*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*27,221.66*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*44,940.27*	
		For Manual Roll Filter, Add	*70,359.44*	
		For Automatic Roll Filter, Add	*87,305.56*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*19,521.10*	
		For Electric Heating Coil, Add	*22,910.32*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*70,359.44*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*70,359.44*	
		For Steam Heating Coil, Aluminum Fins, Add	*36,467.21*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*87,305.56*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*87,305.56*	
		For 2 Coils, Independent Circuits, Add	*22,910.32*	
23 73 13 00-0086	EA	55,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	210,305.17	19,111.14
		For Economizer, Panel, Controls And Damper(s), Add	*4,628.71*	
		For Flat Filter Box And Throwaway Filters, Add	*19,666.16*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*29,362.81*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*48,483.22*	
		For Manual Roll Filter, Add	*75,935.93*	
		For Automatic Roll Filter, Add	*94,237.74*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*21,030.52*	
		For Electric Heating Coil, Add	*24,690.88*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*75,935.93*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*75,935.93*	
		For Steam Heating Coil, Aluminum Fins, Add	*39,332.32*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*94,237.74*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*94,237.74*	
		For 2 Coils, Independent Circuits, Add	*24,690.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0087	EA	60,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	225,667.34	19,623.05
		For Economizer, Panel, Controls And Damper(s), Add	*4,698.32*	
		For Flat Filter Box And Throwaway Filters, Add	*21,167.57*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*31,611.45*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*52,219.36*	
		For Manual Roll Filter, Add	*81,871.98*	
		For Automatic Roll Filter, Add	*101,640.39*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*22,566.73*	
		For Electric Heating Coil, Add	*26,520.42*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*81,871.98*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*81,871.98*	
		For Steam Heating Coil, Aluminum Fins, Add	*42,335.15*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*101,640.39*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*101,640.39*	
		For 2 Coils, Independent Circuits, Add	*26,520.42*	
23 73 13 00-0088		Return/Supply Air Fan *(23 73 13)*		
		Note: Includes vibration mounts.		
23 73 13 00-0089	EA	300 CFM Return Air Fan	3,806.07	682.42
23 73 13 00-0090	EA	500 CFM Return Air Fan	4,942.05	818.92
23 73 13 00-0091	EA	750 CFM Return Air Fan	5,162.41	853.05
23 73 13 00-0092	EA	1,000 CFM Return Air Fan	5,899.52	904.24
23 73 13 00-0093	EA	1,250 CFM Return Air Fan	6,077.60	946.91
23 73 13 00-0094	EA	1,500 CFM Return Air Fan	6,216.49	989.56
23 73 13 00-0095	EA	1,750 CFM Return Air Fan	6,524.06	1,040.75
23 73 13 00-0096	EA	2,000 CFM Return Air Fan	7,261.16	1,091.95
23 73 13 00-0097	EA	2,250 CFM Return Air Fan	7,607.67	1,143.14
23 73 13 00-0098	EA	2,500 CFM Return Air Fan	7,797.98	1,194.32
23 73 13 00-0099	EA	3,000 CFM Return Air Fan	8,253.81	1,322.31
23 73 13 00-0100	EA	3,500 CFM Return Air Fan	8,468.70	1,390.55
23 73 13 00-0101	EA	4,000 CFM Return Air Fan	8,671.12	1,450.28
23 73 13 00-0102	EA	4,500 CFM Return Air Fan	8,925.06	1,518.66
23 73 13 00-0103	EA	5,000 CFM Return Air Fan	9,151.76	1,595.44
23 73 13 00-0104	EA	5,500 CFM Return Air Fan	9,575.89	1,783.14
23 73 13 00-0105	EA	6,000 CFM Return Air Fan	10,871.23	2,115.88
23 73 13 00-0106	EA	6,500 CFM Return Air Fan	11,155.04	2,150.01
23 73 13 00-0107	EA	7,000 CFM Return Air Fan	11,283.84	2,158.53
23 73 13 00-0108	EA	8,000 CFM Return Air Fan	11,880.06	2,192.66
23 73 13 00-0109	EA	9,000 CFM Return Air Fan	12,146.90	2,218.25
23 73 13 00-0110	EA	10,000 CFM Return Air Fan	12,780.66	2,303.94
23 73 13 00-0111	EA	12,500 CFM Return Air Fan	13,620.45	2,346.11
23 73 13 00-0112	EA	15,000 CFM Return Air Fan	15,396.68	2,412.78
23 73 13 00-0113	EA	17,500 CFM Return Air Fan	16,792.16	2,542.34
23 73 13 00-0114	EA	20,000 CFM Return Air Fan	19,996.13	2,653.01
23 73 13 00-0115	EA	22,500 CFM Return Air Fan	20,956.79	2,745.52
23 73 13 00-0116	EA	25,000 CFM Return Air Fan	21,913.33	2,824.01
23 73 13 00-0117	EA	27,500 CFM Return Air Fan	23,218.39	3,105.56
23 73 13 00-0118	EA	30,000 CFM Return Air Fan	24,827.75	3,275.95
23 73 13 00-0119	EA	35,000 CFM Return Air Fan	28,030.99	3,412.34
23 73 13 00-0120	EA	40,000 CFM Return Air Fan	33,048.67	3,753.61
23 73 13 00-0121	EA	45,000 CFM Return Air Fan	40,690.99	4,265.51
23 73 13 00-0122	EA	50,000 CFM Return Air Fan	49,580.76	4,419.45
23 73 13 00-0123	EA	55,000 CFM Return Air Fan	51,905.01	4,547.06
23 73 13 00-0124	EA	60,000 CFM Return Air Fan	53,097.88	4,666.50
23 73 13 00-0125	EA	65,000 CFM Return Air Fan	55,687.15	4,871.15
23 73 13 00-0126	EA	70,000 CFM Return Air Fan	58,490.78	5,111.01
23 73 13 00-0127	EA	75,000 CFM Return Air Fan	62,919.03	5,361.72
23 73 13 00-0128	EA	80,000 CFM Return Air Fan	65,707.11	5,645.95
23 73 13 00-0129	EA	90,000 CFM Return Air Fan	67,837.74	5,967.48
23 73 13 00-0130	EA	100,000 CFM Return Air Fan	72,952.14	6,240.62
23 73 13 00-0131	EA	115,000 CFM Return Air Fan	78,494.34	6,539.11
23 73 13 00-0132	EA	130,000 CFM Return Air Fan	84,509.01	6,868.56
23 73 13 00-0133	EA	150,000 CFM Return Air Fan	92,486.83	7,234.44
23 73 13 00-0134		Removal And Reinstallation Of Air Handling Unit *(23 73 13)*		
		Note: Air handling units with filter and coils. Includes storage and cleaning. Excludes ductwork.		
23 73 13 00-0135	EA	Removal And Reinstallation Of Up To 11,500 CFM Air Handling Unit	3,125.19	
23 73 13 00-0136	EA	Removal And Reinstallation Of >11,500 To 16,500 CFM Air Handling Unit	4,239.39	
23 73 13 00-0137	EA	Removal And Reinstallation Of >16,500 To 22,000 CFM Air Handling Unit	5,273.75	
23 73 13 00-0138	EA	Removal And Reinstallation Of >22,000 CFM Air Handling Unit	9,622.29	

23 74 Packaged Outdoor HVAC Equipment *(23 70)*

23 74 16 Packaged Rooftop Air-Conditioning Units *(23 74)*

23 74 16 13 Packaged, Large-Capacity, Rooftop Air-Conditioning Units *(23 74 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0001		**Electric Cooling, Electric Heat, Single Zone, Self Contained Packaged Rooftop Air-Conditioning Units** *(23 74 16 13)* Note: Electric heating capacity is approximately 1/2 the cooling capacity. Units < 5 tons have 14 SEER, units 5 to < 20 tons have 11 EER, and units 20 tons and over have 10 EER. Includes roof curb and economizer. Excludes crane and associated personnel. See CSI section 01 22 23 00-0845 for crane lifting equipment, 26 28 16 16-0001 for disconnects.		
23 74 16 13-0002	EA	2 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	6,807.73	1,919.64
		For High Heat, Add	*403.58*	
		For Unit Without Heat, Deduct	*-468.36*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,165.66*	
		For Unit Without Roof Curb, Deduct	*-806.84*	
		For High Efficiency, Add	*424.82*	
23 74 16 13-0003	EA	3 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	7,740.35	2,006.90
		For High Heat, Add	*481.13*	
		For Unit Without Heat, Deduct	*-520.81*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,165.66*	
		For Unit Without Roof Curb, Deduct	*-806.84*	
		For High Efficiency, Add	*506.45*	
23 74 16 13-0004	EA	4 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	9,314.61	2,094.16
		For High Heat, Add	*619.63*	
		For Unit Without Heat, Deduct	*-605.34*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,165.66*	
		For Unit Without Roof Curb, Deduct	*-806.84*	
		For High Efficiency, Add	*652.24*	
23 74 16 13-0005	EA	5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	11,196.35	2,225.04
		For High Heat, Add	*781.81*	
		For Unit Without Heat, Deduct	*-708.15*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,165.66*	
		For Unit Without Roof Curb, Deduct	*-806.84*	
		For High Efficiency, Add	*822.96*	
23 74 16 13-0006	EA	6 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	12,141.33	2,355.93
		For High Heat, Add	*855.01*	
		For Unit Without Heat, Deduct	*-764.13*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,165.66*	
		For Unit Without Roof Curb, Deduct	*-806.84*	
		For High Efficiency, Add	*900.01*	
23 74 16 13-0007	EA	7.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	14,178.44	2,530.43
		For High Heat, Add	*1,026.43*	
		For Unit Without Heat, Deduct	*-877.62*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,189.75*	
		For Unit Without Roof Curb, Deduct	*-968.70*	
		For High Efficiency, Add	*1,080.45*	
23 74 16 13-0008	EA	8.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	17,091.70	2,661.33
		For High Heat, Add	*1,286.61*	
		For Unit Without Heat, Deduct	*-1,032.01*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,189.75*	
		For Unit Without Roof Curb, Deduct	*-968.70*	
		For High Efficiency, Add	*1,354.33*	
23 74 16 13-0009	EA	10 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	18,012.28	2,835.83
		For High Heat, Add	*1,351.96*	
		For Unit Without Heat, Deduct	*-1,089.67*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,216.70*	
		For Unit Without Roof Curb, Deduct	*-968.70*	
		For High Efficiency, Add	*1,423.12*	
23 74 16 13-0010	EA	12.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	22,213.68	3,064.45
		For High Heat, Add	*1,722.08*	
		For Unit Without Heat, Deduct	*-1,315.01*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,314.03*	
		For Unit Without Roof Curb, Deduct	*-968.70*	
		For High Efficiency, Add	*1,812.72*	
23 74 16 13-0011	EA	15 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	24,126.24	3,293.93
		For High Heat, Add	*1,874.76*	
		For Unit Without Heat, Deduct	*-1,425.91*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-968.70*	
		For High Efficiency, Add	*1,973.43*	
23 74 16 13-0012	EA	17.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	27,630.79	3,522.84
		For High Heat, Add	*2,178.68*	
		For Unit Without Heat, Deduct	*-1,616.41*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-968.70*	
		For High Efficiency, Add	*2,293.35*	
23 74 16 13-0013	EA	20 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	31,217.36	3,752.04
		For High Heat, Add	*2,490.39*	
		For Variable Volume, Add	*1,179.66*	
		For Unit Without Heat, Deduct	*-1,811.00*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-968.70*	
		For High Efficiency, Add	*2,490.39*	
23 74 16 13-0014	EA	22.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	34,756.50	4,133.64
		For High Heat, Add	*2,778.26*	
		For Variable Volume, Add	*1,316.02*	
		For Unit Without Heat, Deduct	*-2,013.41*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-968.70*	
		For High Efficiency, Add	*2,778.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0015	EA	25 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	37,054.02	4,515.52
		For High Heat, Add	*2,948.17*	
		For Variable Volume, Add	*1,396.50*	
		For Unit Without Heat, Deduct	*-2,153.74*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-968.70*	
		For High Efficiency, Add	*2,948.17*	
23 74 16 13-0016	EA	27.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	39,783.99	4,941.05
		For High Heat, Add	*3,153.63*	
		For Variable Volume, Add	*1,493.83*	
		For Unit Without Heat, Deduct	*-2,318.59*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-1,433.42*	
		For High Efficiency, Add	*3,153.63*	
23 74 16 13-0017	EA	30 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	43,446.88	5,366.28
		For High Heat, Add	*3,447.72*	
		For Variable Volume, Add	*1,633.13*	
		For Unit Without Heat, Deduct	*-2,530.10*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-1,433.42*	
		For High Efficiency, Add	*3,447.72*	
23 74 16 13-0018	EA	35 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	50,368.38	6,260.66
		For High Heat, Add	*3,991.98*	
		For Variable Volume, Add	*1,890.94*	
		For Unit Without Heat, Deduct	*-2,935.80*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-1,433.42*	
		For High Efficiency, Add	*3,991.98*	
23 74 16 13-0019	EA	40 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	57,821.12	7,155.04
		For High Heat, Add	*4,586.70*	
		For Variable Volume, Add	*2,172.65*	
		For Unit Without Heat, Deduct	*-3,368.06*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-2,174.53*	
		For High Efficiency, Add	*4,586.70*	
23 74 16 13-0020	EA	45 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	63,200.28	8,071.23
		For High Heat, Add	*4,981.67*	
		For Variable Volume, Add	*2,359.74*	
		For Unit Without Heat, Deduct	*-3,698.10*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-2,174.53*	
		For High Efficiency, Add	*4,981.67*	
23 74 16 13-0021	EA	50 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	72,957.54	8,987.42
		For High Heat, Add	*5,792.56*	
		For Variable Volume, Add	*2,743.84*	
		For Unit Without Heat, Deduct	*-4,247.04*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-2,174.53*	
		For High Efficiency, Add	*5,792.56*	
23 74 16 13-0022	EA	55 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	81,283.22	9,859.99
		For High Heat, Add	*6,472.97*	
		For Variable Volume, Add	*3,066.15*	
		For Unit Without Heat, Deduct	*-4,721.49*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-2,702.48*	
		For High Efficiency, Add	*6,472.97*	
23 74 16 13-0023	EA	60 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	87,876.29	10,732.55
		For High Heat, Add	*6,988.79*	
		For Variable Volume, Add	*3,310.48*	
		For Unit Without Heat, Deduct	*-5,109.32*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-2,702.48*	
		For High Efficiency, Add	*6,988.79*	
23 74 16 13-0024	EA	65 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	94,161.66	11,605.12
		For High Heat, Add	*7,475.38*	
		For Variable Volume, Add	*3,540.97*	
		For Unit Without Heat, Deduct	*-5,481.76*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-2,879.02*	
		For High Efficiency, Add	*7,475.38*	
23 74 16 13-0025	EA	70 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	101,263.81	12,477.69
		For High Heat, Add	*8,039.56*	
		For Variable Volume, Add	*3,808.21*	
		For Unit Without Heat, Deduct	*-5,895.04*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-2,879.02*	
		For High Efficiency, Add	*8,039.56*	
23 74 16 13-0026	EA	75 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	109,712.63	13,437.51
		For High Heat, Add	*8,720.62*	
		For Variable Volume, Add	*4,130.82*	
		For Unit Without Heat, Deduct	*-6,381.47*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-3,205.71*	
		For High Efficiency, Add	*8,720.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0027		**Electric Cooling, Electric Heat, Multizone, Self Contained Packaged Rooftop Air-Conditioning Units** *(23 74 16 13)* Note: Electric heating capacity is approximately 1/2 the cooling capacity. Units < 5 tons have 14 SEER, units 5 to < 20 tons have 11 EER, and units 20 tons and over have 10 EER. Includes roof curb and economizer. Excludes crane and associated personnel. See CSI section 01 22 23 00-0845 for crane lifting equipment, 26 28 16 16-0001 for disconnects.		
23 74 16 13-0028	EA	25 Ton Electric Cooling, Electric Heat, Multizone, Self Contained Package Rooftop Unit	53,153.55	4,515.52
		For High Heat, Add	*4,477.62*	
		For Variable Volume, Add	*2,120.98*	
		For Unit Without Heat, Deduct	*-2,958.71*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-968.70*	
		For High Efficiency, Add	*4,477.62*	
23 74 16 13-0029	EA	27.5 Ton Electric Cooling, Electric Heat, Multizone, Self Contained Package Rooftop Unit	57,005.54	4,941.05
		For High Heat, Add	*4,789.68*	
		For Variable Volume, Add	*2,268.80*	
		For Unit Without Heat, Deduct	*-3,179.67*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-1,433.42*	
		For High Efficiency, Add	*4,789.68*	
23 74 16 13-0030	EA	30 Ton Electric Cooling, Electric Heat, Multizone, Self Contained Package Rooftop Unit	62,274.44	5,366.28
		For High Heat, Add	*5,236.34*	
		For Variable Volume, Add	*2,480.37*	
		For Unit Without Heat, Deduct	*-3,471.47*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-1,433.42*	
		For High Efficiency, Add	*5,236.34*	
23 74 16 13-0031	EA	35 Ton Electric Cooling, Electric Heat, Multizone, Self Contained Package Rooftop Unit	72,168.04	6,260.66
		For High Heat, Add	*6,062.95*	
		For Variable Volume, Add	*2,871.92*	
		For Unit Without Heat, Deduct	*-4,025.78*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-1,433.42*	
		For High Efficiency, Add	*6,062.95*	
23 74 16 13-0032	EA	40 Ton Electric Cooling, Electric Heat, Multizone, Self Contained Package Rooftop Unit	82,868.48	7,155.04
		For High Heat, Add	*6,966.20*	
		For Variable Volume, Add	*3,299.78*	
		For Unit Without Heat, Deduct	*-4,620.43*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-2,174.53*	
		For High Efficiency, Add	*6,966.20*	
23 74 16 13-0033	EA	45 Ton Electric Cooling, Electric Heat, Multizone, Self Contained Package Rooftop Unit	90,404.51	8,071.23
		For High Heat, Add	*7,566.07*	
		For Variable Volume, Add	*3,583.93*	
		For Unit Without Heat, Deduct	*-5,058.31*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-2,174.53*	
		For High Efficiency, Add	*7,566.07*	
23 74 16 13-0034	EA	50 Ton Electric Cooling, Electric Heat, Multizone, Self Contained Package Rooftop Unit	104,589.92	8,987.42
		For High Heat, Add	*8,797.64*	
		For Variable Volume, Add	*4,167.30*	
		For Unit Without Heat, Deduct	*-5,828.66*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-2,174.53*	
		For High Efficiency, Add	*8,797.64*	
23 74 16 13-0035	EA	55 Ton Electric Cooling, Electric Heat, Multizone, Self Contained Package Rooftop Unit	116,631.25	9,859.99
		For High Heat, Add	*9,831.04*	
		For Variable Volume, Add	*4,656.81*	
		For Unit Without Heat, Deduct	*-6,488.90*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-2,702.48*	
		For High Efficiency, Add	*9,831.04*	
23 74 16 13-0036	EA	60 Ton Electric Cooling, Electric Heat, Multizone, Self Contained Package Rooftop Unit	126,041.14	10,732.55
		For High Heat, Add	*10,614.45*	
		For Variable Volume, Add	*5,027.90*	
		For Unit Without Heat, Deduct	*-7,017.56*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-2,702.48*	
		For High Efficiency, Add	*10,614.45*	
23 74 16 13-0037	EA	65 Ton Electric Cooling, Electric Heat, Multizone, Self Contained Package Rooftop Unit	134,983.68	11,605.12
		For High Heat, Add	*11,353.47*	
		For Variable Volume, Add	*5,377.96*	
		For Unit Without Heat, Deduct	*-7,522.86*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-2,879.02*	
		For High Efficiency, Add	*11,353.47*	
23 74 16 13-0038	EA	70 Ton Electric Cooling, Electric Heat, Multizone, Self Contained Package Rooftop Unit	145,166.74	12,477.69
		For High Heat, Add	*12,210.33*	
		For Variable Volume, Add	*5,783.84*	
		For Unit Without Heat, Deduct	*-8,090.18*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-2,879.02*	
		For High Efficiency, Add	*12,210.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0039	EA	75 Ton Electric Cooling, Electric Heat, Multizone, Self Contained Package Rooftop Unit	157,334.73	13,437.51
		For High Heat, Add	*13,244.72*	
		For Variable Volume, Add	*6,273.81*	
		For Unit Without Heat, Deduct	*-8,762.57*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-3,205.71*	
		For High Efficiency, Add	*13,244.72*	

23 74 16 13-0040 Electric Cooling, Gas Heat, Single Zone, Self Contained Packaged Rooftop Air-Conditioning Units *(23 74 16 13)*

Note: Units < 5 tons have 14 SEER, units 5 to < 20 tons have 11 EER, and units 20 tons and over have 10 EER. Includes roof curb and economizer. Excludes crane and associated personnel. See CSI section 01 22 23 00-0845 for crane lifting equipment, 26 28 16 16-0001 for Disconnects.

23 74 16 13-0041	EA	2 Ton Electric Cooling, 50 MBH Gas Heating, Self Contained Package Rooftop Unit	6,703.72	1,745.13
		For Unit Without Factory Installed Economizer, Deduct	*-1,165.66*	
		For Unit Without Roof Curb, Deduct	*-806.84*	
		For High Efficiency, Add	*437.69*	
23 74 16 13-0042	EA	3 Ton Electric Cooling, 60 To 80 MBH Gas Heating, Self Contained Package Rooftop Unit	7,834.28	2,006.90
		For Unit Without Factory Installed Economizer, Deduct	*-1,165.66*	
		For Unit Without Roof Curb, Deduct	*-806.84*	
		For High Efficiency, Add	*515.84*	
23 74 16 13-0043	EA	4 Ton Electric Cooling, 80 To 110 MBH Gas Heating, Self Contained Package Rooftop Unit	9,931.33	2,312.30
		For Unit Without Factory Installed Economizer, Deduct	*-1,165.66*	
		For Unit Without Roof Curb, Deduct	*-806.84*	
		For High Efficiency, Add	*684.83*	
23 74 16 13-0044	EA	5 Ton Electric Cooling, 100 To 120 MBH Gas Heating, Self Contained Package Rooftop Unit	11,307.04	2,486.81
		For Unit Without Factory Installed Economizer, Deduct	*-1,165.66*	
		For Unit Without Roof Curb, Deduct	*-806.84*	
		For High Efficiency, Add	*799.13*	
23 74 16 13-0045	EA	6 Ton Electric Cooling, 140 MBH Gas Heating, Self Contained Package Rooftop Unit	12,829.22	2,683.14
		For Unit Without Factory Installed Economizer, Deduct	*-1,165.66*	
		For Unit Without Roof Curb, Deduct	*-806.84*	
		For High Efficiency, Add	*925.17*	
23 74 16 13-0046	EA	7.5 Ton Electric Cooling, 150 To 180 MBH Gas Heating, Self Contained Package Rooftop Unit	15,096.39	2,814.02
		For Unit Without Factory Installed Economizer, Deduct	*-1,189.75*	
		For Unit Without Roof Curb, Deduct	*-968.70*	
		For High Efficiency, Add	*1,134.44*	
23 74 16 13-0047	EA	8.5 Ton Electric Cooling, 170 To 190 MBH Gas Heating, Self Contained Package Rooftop Unit	18,939.93	2,334.11
		For Unit Without Factory Installed Economizer, Deduct	*-1,189.75*	
		For Unit Without Roof Curb, Deduct	*-968.70*	
		For High Efficiency, Add	*1,489.71*	
23 74 16 13-0048	EA	10 Ton Electric Cooling, 200 To 240 MBH Gas Heating, Self Contained Package Rooftop Unit	19,486.27	3,141.24
		For Unit Without Factory Installed Economizer, Deduct	*-1,216.70*	
		For Unit Without Roof Curb, Deduct	*-968.70*	
		For High Efficiency, Add	*1,529.80*	
23 74 16 13-0049	EA	12.5 Ton Electric Cooling, 250 MBH Gas Heating, Self Contained Package Rooftop Unit	24,476.51	3,403.00
		For Unit Without Factory Installed Economizer, Deduct	*-1,314.03*	
		For Unit Without Roof Curb, Deduct	*-968.70*	
		For High Efficiency, Add	*1,993.92*	
23 74 16 13-0050	EA	15 Ton Electric Cooling, 300 MBH Gas Heating, Self Contained Package Rooftop Unit	26,634.78	3,664.77
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-968.70*	
		For High Efficiency, Add	*2,174.84*	
23 74 16 13-0051	EA	17.5 Ton Electric Cooling, 330 MBH Gas Heating, Self Contained Package Rooftop Unit	31,034.63	3,926.54
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-968.70*	
		For High Efficiency, Add	*2,579.92*	
23 74 16 13-0052	EA	20 Ton Electric Cooling, 350 MBH Gas Heating, Self Contained Package Rooftop Unit	39,516.82	4,188.31
		For Variable Volume, Add	*1,526.96*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-968.70*	
		For High Efficiency, Add	*3,223.58*	
23 74 16 13-0053	EA	22.5 Ton Electric Cooling, 380 MBH Gas Heating, Self Contained Package Rooftop Unit	48,364.11	4,624.59
		For Variable Volume, Add	*1,898.91*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-968.70*	
		For High Efficiency, Add	*4,008.81*	
23 74 16 13-0054	EA	25 Ton Electric Cooling, 400 MBH Gas Heating, Self Contained Package Rooftop Unit	57,211.41	5,002.70
		For Variable Volume, Add	*2,270.86*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-968.70*	
		For High Efficiency, Add	*4,794.04*	
23 74 16 13-0055	EA	27.5 Ton Electric Cooling, 450 MBH Gas Heating, Self Contained Package Rooftop Unit	58,880.69	5,497.16
		For Variable Volume, Add	*2,319.80*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-1,433.42*	
		For High Efficiency, Add	*4,897.36*	
23 74 16 13-0056	EA	30 Ton Electric Cooling, 500 MBH Gas Heating, Self Contained Package Rooftop Unit	61,428.11	5,933.45
		For Variable Volume, Add	*2,408.26*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-1,433.42*	
		For High Efficiency, Add	*5,084.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0057	EA	35 Ton Electric Cooling, 550 MBH Gas Heating, Self Contained Package Rooftop Unit	68,318.08	6,936.89
		For Variable Volume, Add	*2,658.10*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-1,433.42*	
		For High Efficiency, Add	*5,611.54*	
23 74 16 13-0058	EA	40 Ton Electric Cooling, 600 MBH Gas Heating, Self Contained Package Rooftop Unit	75,871.47	7,940.35
		For Variable Volume, Add	*2,937.80*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-2,174.53*	
		For High Efficiency, Add	*6,202.01*	
23 74 16 13-0059	EA	45 Ton Electric Cooling, 650 MBH Gas Heating, Self Contained Package Rooftop Unit	82,043.04	8,943.79
		For Variable Volume, Add	*3,155.31*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-2,174.53*	
		For High Efficiency, Add	*6,661.21*	
23 74 16 13-0060	EA	50 Ton Electric Cooling, 750 MBH Gas Heating, Self Contained Package Rooftop Unit	87,509.69	9,947.24
		For Variable Volume, Add	*3,341.10*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-2,174.53*	
		For High Efficiency, Add	*7,053.44*	
23 74 16 13-0061	EA	55 Ton Electric Cooling, 800 MBH Gas Heating, Self Contained Package Rooftop Unit	96,245.15	10,950.70
		For Variable Volume, Add	*3,673.99*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-2,702.48*	
		For High Efficiency, Add	*7,756.20*	
23 74 16 13-0062	EA	60 Ton Electric Cooling, 850 MBH Gas Heating, Self Contained Package Rooftop Unit	104,602.27	11,954.14
		For Variable Volume, Add	*3,989.85*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-2,702.48*	
		For High Efficiency, Add	*8,423.02*	
23 74 16 13-0063	EA	65 Ton Electric Cooling, 900 MBH Gas Heating, Self Contained Package Rooftop Unit	112,998.20	12,455.87
		For Variable Volume, Add	*4,337.57*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-2,879.02*	
		For High Efficiency, Add	*9,157.09*	
23 74 16 13-0064	EA	70 Ton Electric Cooling, 950 MBH Gas Heating, Self Contained Package Rooftop Unit	121,492.81	12,935.78
		For Variable Volume, Add	*4,691.03*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-2,879.02*	
		For High Efficiency, Add	*9,903.29*	
23 74 16 13-0065	EA	75 Ton Electric Cooling, 1,000 MBH Gas Heating, Self Contained Package Rooftop Unit	133,753.34	13,437.51
		For Variable Volume, Add	*5,212.65*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-3,205.71*	
		For High Efficiency, Add	*11,004.48*	
23 74 16 13-0066	EA	80 Ton Electric Cooling, 1,100 MBH Gas Heating, Self Contained Package Rooftop Unit	157,837.00	13,961.05
		For Variable Volume, Add	*6,265.00*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-3,205.71*	
		For High Efficiency, Add	*13,226.12*	
23 74 16 13-0067	EA	90 Ton Electric Cooling, 1,200 MBH Gas Heating, Self Contained Package Rooftop Unit	184,480.48	16,404.23
		For Variable Volume, Add	*7,317.37*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-3,205.71*	
		For High Efficiency, Add	*15,447.78*	
23 74 16 13-0068	EA	100 Ton Electric Cooling, 1,350 MBH Gas Heating, Self Contained Package Rooftop Unit	207,411.14	19,981.75
		For Variable Volume, Add	*8,134.60*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-3,205.71*	
		For High Efficiency, Add	*17,173.04*	

23 74 16 13-0069 Electric Cooling, Gas Heat, Multizone, Self Contained Packaged Rooftop Air-Conditioning Units *(23 74 16 13)*

Note: Units < 5 tons have 14 SEER, units 5 to < 20 tons have 11 EER, and units 20 tons and over have 10 EER. Includes roof curb and economizer. Excludes crane and associated personnel. See CSI section 01 22 23 00-0845 for crane lifting equipment, 26 28 16 16-0001 for Disconnects.

23 74 16 13-0070	EA	25 Ton Electric Cooling, 400 MBH Gas Heating, Multizone, Self Contained Package Rooftop Unit	83,393.78	5,002.70
		For Variable Volume, Add	*3,449.07*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-968.70*	
		For High Efficiency, Add	*7,281.36*	
23 74 16 13-0071	EA	27.5 Ton Electric Cooling, 450 MBH Gas Heating, Multizone, Self Contained Package Rooftop Unit	85,627.34	5,497.16
		For Variable Volume, Add	*3,523.40*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-1,433.42*	
		For High Efficiency, Add	*7,438.29*	
23 74 16 13-0072	EA	30 Ton Electric Cooling, 500 MBH Gas Heating, Multizone, Self Contained Package Rooftop Unit	89,194.63	5,933.45
		For Variable Volume, Add	*3,657.75*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-1,433.42*	
		For High Efficiency, Add	*7,721.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0073	EA	35 Ton Electric Cooling, 550 MBH Gas Heating, Multizone, Self Contained Package Rooftop Unit	98,965.21	6,936.89
		For Variable Volume, Add	*4,037.22*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-1,433.42*	
		For High Efficiency, Add	*8,523.02*	
23 74 16 13-0074	EA	40 Ton Electric Cooling, 600 MBH Gas Heating, Multizone, Self Contained Package Rooftop Unit	109,743.41	7,940.35
		For Variable Volume, Add	*4,462.03*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-2,174.53*	
		For High Efficiency, Add	*9,419.85*	
23 74 16 13-0075	EA	45 Ton Electric Cooling, 650 MBH Gas Heating, Multizone, Self Contained Package Rooftop Unit	118,422.85	8,943.79
		For Variable Volume, Add	*4,792.40*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-2,174.53*	
		For High Efficiency, Add	*10,117.29*	
23 74 16 13-0076	EA	50 Ton Electric Cooling, 750 MBH Gas Heating, Multizone, Self Contained Package Rooftop Unit	126,031.63	9,947.24
		For Variable Volume, Add	*5,074.59*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-2,174.53*	
		For High Efficiency, Add	*10,713.02*	
23 74 16 13-0077	EA	55 Ton Electric Cooling, 800 MBH Gas Heating, Multizone, Self Contained Package Rooftop Unit	138,605.21	10,950.70
		For Variable Volume, Add	*5,580.19*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-2,702.48*	
		For High Efficiency, Add	*11,780.41*	
23 74 16 13-0078	EA	60 Ton Electric Cooling, 850 MBH Gas Heating, Multizone, Self Contained Package Rooftop Unit	150,604.14	11,954.14
		For Variable Volume, Add	*6,059.94*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-2,702.48*	
		For High Efficiency, Add	*12,793.20*	
23 74 16 13-0079	EA	65 Ton Electric Cooling, 900 MBH Gas Heating, Multizone, Self Contained Package Rooftop Unit	163,009.11	12,455.87
		For Variable Volume, Add	*6,588.06*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-2,879.02*	
		For High Efficiency, Add	*13,908.12*	
23 74 16 13-0080	EA	70 Ton Electric Cooling, 950 MBH Gas Heating, Multizone, Self Contained Package Rooftop Unit	175,579.04	12,935.78
		For Variable Volume, Add	*7,124.91*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-2,879.02*	
		For High Efficiency, Add	*15,041.48*	
23 74 16 13-0081	EA	75 Ton Electric Cooling, 1,000 MBH Gas Heating, Multizone, Self Contained Package Rooftop Unit	193,853.71	13,437.51
		For Variable Volume, Add	*7,917.17*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-3,205.71*	
		For High Efficiency, Add	*16,714.02*	
23 74 16 13-0082	EA	80 Ton Electric Cooling, 1,100 MBH Gas Heating, Multizone, Self Contained Package Rooftop Unit	230,070.68	13,961.05
		For Variable Volume, Add	*9,515.52*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-3,205.71*	
		For High Efficiency, Add	*20,088.32*	
23 74 16 13-0083	EA	90 Ton Electric Cooling, 1,200 MBH Gas Heating, Multizone, Self Contained Package Rooftop Unit	268,847.63	16,404.23
		For Variable Volume, Add	*11,113.89*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-3,205.71*	
		For High Efficiency, Add	*23,462.66*	
23 74 16 13-0084	EA	100 Ton Electric Cooling, 1,350 MBH Gas Heating, Multizone, Self Contained Package Rooftop Unit	301,200.71	19,981.75
		For Variable Volume, Add	*12,355.13*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,483.92*	
		For Unit Without Roof Curb, Deduct	*-3,205.71*	
		For High Efficiency, Add	*26,083.05*	

23 74 16 13-0085 Dedicated Outdoor Air Systems (DOAS) Rooftop Air-Conditioning Units *(23 74 16 13)*

Note: Units < 5 tons have 14.8 SEER minimum, units 5 to < 20 tons have 13.7 EER minimum, and units 20 tons and over have 12.1 EER minimum, Excludes crane and associated personnel. See CSI section 01 22 23 00-0845 for crane lifting equipment, 07 72 13 00-0000 for roof curbs, 23 09 23 00-0000 for controls, 26 28 16 16-0001 for disconnects.

23 74 16 13-0086 AAON RQ Rooftop Units *(23 74 16 13-0085)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD (or ECM motor), single stage on/off scroll compressor, terminal strip for field supplied thermostat, gas heat, manually adjustable OSA damper, microchannel condenser coils. Excludes economizer, controls, disconnect, roof curb, items not specifically mentioned above. Excludes crane and associated personnel. See CSI section 01 22 23 00-0845 for crane lifting equipment.

23 74 16 13-0087	EA	2 Ton, Air-Cooled Packaged Rooftop Units (AAON RQ-002)	15,251.51	1,745.13
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,636.56*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,775.57*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,397.90*	
		For Factory Installed Non-Fused Disconnect, Add	*1,599.85*	
		For Factory Installed Exhaust Fan, Add	*8,156.60*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,904.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0088	EA	3 Ton, Air-Cooled Packaged Rooftop Units (AAON RQ-003)	16,623.38	2,006.90
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,754.59*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,904.08*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,497.56*	
		For Factory Installed Non-Fused Disconnect, Add	*1,715.25*	
		For Factory Installed Exhaust Fan, Add	*8,156.60*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,904.08*	
23 74 16 13-0089	EA	4 Ton, Air-Cooled Packaged Rooftop Units (AAON RQ-004)	17,264.00	2,312.30
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,754.59*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,904.08*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,497.56*	
		For Factory Installed Non-Fused Disconnect, Add	*1,715.25*	
		For Factory Installed Exhaust Fan, Add	*8,156.60*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,904.08*	
23 74 16 13-0090	EA	5 Ton, Air-Cooled Packaged Rooftop Units (AAON RQ-005)	17,703.88	2,486.81
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,754.59*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,904.08*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,497.56*	
		For Factory Installed Non-Fused Disconnect, Add	*1,715.25*	
		For Factory Installed Exhaust Fan, Add	*8,156.60*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,904.08*	
23 74 16 13-0091	EA	6 Ton, Air-Cooled Packaged Rooftop Units (AAON RQ-006)	19,368.80	3,032.22
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,754.59*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,904.08*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,497.56*	
		For Factory Installed Non-Fused Disconnect, Add	*1,715.25*	
		For Factory Installed Exhaust Fan, Add	*8,156.60*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,904.08*	

23 74 16 13-0092 AAON RNA Rooftop Units *(23 74 16 13-0085)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, single stage on/off compressor, terminal strip for field provided thermostat, gas heat, manually adjustable OSA damper. Excludes economizer, controls, disconnect, roof curb, items not specifically mentioned above. Excludes crane and associated personnel. See CSI section 01 22 23 00-0845 for crane lifting equipment.

23 74 16 13-0093	EA	6 Ton, Air-Cooled Packaged Rooftop Units (AAON RNA-006)	23,462.83	2,683.20
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,707.38*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*2,622.70*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,749.34*	
		For Factory Installed Non-Fused Disconnect, Add	*1,615.58*	
		For Factory Installed Exhaust Fan, Add	*4,356.30*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,484.45*	
23 74 16 13-0094	EA	7 Ton, Air-Cooled Packaged Rooftop Units (AAON RNA-007)	25,050.99	2,814.09
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,707.38*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*2,622.70*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,749.34*	
		For Factory Installed Non-Fused Disconnect, Add	*1,615.58*	
		For Factory Installed Exhaust Fan, Add	*4,356.30*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,484.45*	
23 74 16 13-0095	EA	8 Ton, Air-Cooled Packaged Rooftop Units (AAON RNA-008)	28,772.32	3,032.22
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,707.38*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*2,622.70*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,749.34*	
		For Factory Installed Non-Fused Disconnect, Add	*1,615.58*	
		For Factory Installed Exhaust Fan, Add	*4,356.30*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,484.45*	
23 74 16 13-0096	EA	10 Ton, Air-Cooled Packaged Rooftop Units (AAON RNA-010)	29,056.75	3,141.24
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,707.38*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*2,622.70*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,749.34*	
		For Factory Installed Non-Fused Disconnect, Add	*1,615.58*	
		For Factory Installed Exhaust Fan, Add	*4,356.30*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,484.45*	

23 74 16 13-0097 AAON RNB Rooftop Units *(23 74 16 13-0085)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (1) on/off scroll compressors, terminal strip for field provided thermostat, gas heat, factory installed 3 position economizer. Excludes controls, disconnect, roof curb, items not specifically mentioned above. Excludes crane and associated personnel. See CSI section 01 22 23 00-0845 for crane lifting equipment.

23 74 16 13-0098	EA	9 Ton, Air-Cooled Packaged Rooftop Units (AAON RNB-009)	34,498.85	3,141.24
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*2,515.17*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,967.02*	
		For Factory Installed Non-Fused Disconnect, Add	*1,560.51*	
		For Factory Installed Exhaust Fan, Add	*4,154.36*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,492.32*	
23 74 16 13-0099	EA	11 Ton, Air-Cooled Packaged Rooftop Units (AAON RNB-011)	34,768.05	3,053.98
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*2,515.17*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,967.02*	
		For Factory Installed Non-Fused Disconnect, Add	*1,560.51*	
		For Factory Installed Exhaust Fan, Add	*4,154.36*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,492.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0100	EA	13 Ton, Air-Cooled Packaged Rooftop Units (AAON RNB-013)	37,903.33	3,403.00
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*2,515.17*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,967.02*	
		For Factory Installed Non-Fused Disconnect, Add	*1,560.51*	
		For Factory Installed Exhaust Fan, Add	*4,154.36*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,492.32*	
23 74 16 13-0101	EA	15 Ton, Air-Cooled Packaged Rooftop Units (AAON RNB-015)	38,860.82	3,664.77
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*2,515.17*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,967.02*	
		For Factory Installed Non-Fused Disconnect, Add	*1,560.51*	
		For Factory Installed Exhaust Fan, Add	*4,154.36*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,492.32*	

23 74 16 13-0102 AAON RNC Rooftop Units *(23 74 16 13-0085)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (2) on/off scroll compressors, terminal strip for field provided thermostat, gas heat, factory installed 3 position economizer. Excludes controls, disconnect, roof curb, items not specifically mentioned above. Excludes crane and associated personnel.

23 74 16 13-0103	EA	16 Ton, Air-Cooled Packaged Rooftop Units (AAON RNC-016)	50,117.44	3,664.77
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*3,713.74*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,622.70*	
		For Factory Installed Non-Fused Disconnect, Add	*1,560.51*	
		For Factory Installed Exhaust Fan, Add	*7,618.94*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*679.28*	
23 74 16 13-0104	EA	18 Ton, Air-Cooled Packaged Rooftop Units (AAON RNC-018)	54,143.51	3,926.54
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*3,713.74*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,622.70*	
		For Factory Installed Non-Fused Disconnect, Add	*1,560.51*	
		For Factory Installed Exhaust Fan, Add	*7,618.94*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*679.28*	
23 74 16 13-0105	EA	20 Ton, Air-Cooled Packaged Rooftop Units (AAON RNC-020)	57,369.63	4,188.31
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*3,713.74*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,622.70*	
		For Factory Installed Non-Fused Disconnect, Add	*1,560.51*	
		For Factory Installed Exhaust Fan, Add	*7,618.94*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*679.28*	
23 74 16 13-0106	EA	25 Ton, Air-Cooled Packaged Rooftop Units (AAON RNC-025)	62,039.60	5,060.88
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*3,713.74*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,622.70*	
		For Factory Installed Non-Fused Disconnect, Add	*1,560.51*	
		For Factory Installed Exhaust Fan, Add	*7,618.94*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*679.28*	
23 74 16 13-0107	EA	30 Ton, Air-Cooled Packaged Rooftop Units (AAON RNC-030)	70,349.88	5,933.45
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*3,713.74*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,622.70*	
		For Factory Installed Non-Fused Disconnect, Add	*1,560.51*	
		For Factory Installed Exhaust Fan, Add	*7,618.94*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*679.28*	

23 74 16 13-0108 AAON RND Rooftop Units *(23 74 16 13-0085)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (2) variable capacity digital scroll compressor and (2) on/off compressor, VAV unit controller (varies fan speed and compressor capacity for energy savings year round), cooling only - no heat, factory installed economizer with powered exhaust fans with VFD's, (building static pressure control), factory installed non-fused disconnect and factory start up. Excludes roof curb, items not specifically mentioned above. Excludes crane and associated personnel.

23 74 16 13-0109	EA	26 Ton, Air-Cooled Packaged Rooftop Units (AAON RND-026)	106,233.16	5,060.88
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*3,722.25*	
		For Factory Installed Non-Fused Disconnect, Add	*4,031.94*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*5,657.82*	
23 74 16 13-0110	EA	31 Ton, Air-Cooled Packaged Rooftop Units (AAON RND-031)	121,008.10	5,933.45
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*3,722.25*	
		For Factory Installed Non-Fused Disconnect, Add	*4,031.94*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*5,657.82*	
23 74 16 13-0111	EA	40 Ton, Air-Cooled Packaged Rooftop Units (AAON RND-040)	142,351.79	7,940.35
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*3,722.25*	
		For Factory Installed Non-Fused Disconnect, Add	*4,031.94*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*5,657.82*	
23 74 16 13-0112	EA	50 Ton, Air-Cooled Packaged Rooftop Units (AAON RND-050)	166,795.38	9,947.24
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*3,722.25*	
		For Factory Installed Non-Fused Disconnect, Add	*4,031.94*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*5,657.82*	
23 74 16 13-0113	EA	60 Ton, Air-Cooled Packaged Rooftop Units (AAON RND-060)	182,975.57	11,954.14
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*3,722.25*	
		For Factory Installed Non-Fused Disconnect, Add	*4,031.94*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*5,657.82*	
23 74 16 13-0114	EA	70 Ton, Air-Cooled Packaged Rooftop Units (AAON RND-070)	192,464.43	12,935.84
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*3,722.25*	
		For Factory Installed Non-Fused Disconnect, Add	*4,031.94*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*5,657.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 74 16 13-0115 AAON RNE Rooftop Units *(23 74 16 13-0085)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (1 or 2) variable speed VFD controlled scroll compressor and (1 or 2) on/off compressor, VAV unit controller (varies fan speed and compressor capacity for energy savings year round), cooling only - no heat, factory installed economizer with powered exhaust fans with VFD's, (building static pressure control), Microchannel condenser coils with VFD controlled condenser fans, factory installed non-fused disconnect and factory start up. Excludes roof curb, items not specifically mentioned above. Excludes crane and associated personnel.

23 74 16 13-0116	EA	55 Ton, Air-Cooled Packaged Rooftop Units (AAON RNE-055)	177,957.08	10,950.70
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*4,204.65*	
		For Factory Installed Non-Fused Disconnect, Add	*6,038.98*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*8,040.06*	
23 74 16 13-0117	EA	65 Ton, Air-Cooled Packaged Rooftop Units (AAON RNE-065)	195,939.87	12,455.93
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*4,204.65*	
		For Factory Installed Non-Fused Disconnect, Add	*6,038.98*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*8,040.06*	
23 74 16 13-0118	EA	75 Ton, Air-Cooled Packaged Rooftop Units (AAON RNE-075)	208,293.38	13,437.51
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*4,204.65*	
		For Factory Installed Non-Fused Disconnect, Add	*6,038.98*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*8,040.06*	
23 74 16 13-0119	EA	95 Ton, Air-Cooled Packaged Rooftop Units (AAON RNE-090)	251,659.98	18,192.99
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*4,204.65*	
		For Factory Installed Non-Fused Disconnect, Add	*6,038.98*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*8,040.06*	
23 74 16 13-0120	EA	105 Ton, Air-Cooled Packaged Rooftop Units (AAON RNE-105)	272,354.39	20,767.06
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*4,204.65*	
		For Factory Installed Non-Fused Disconnect, Add	*6,038.98*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*8,040.06*	
23 74 16 13-0121	EA	120 Ton, Air-Cooled Packaged Rooftop Units (AAON RNE-120)	317,889.92	22,861.20
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*4,204.65*	
		For Factory Installed Non-Fused Disconnect, Add	*6,038.98*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*8,040.06*	
23 74 16 13-0122	EA	130 Ton, Air-Cooled Packaged Rooftop Units (AAON RNE-130)	325,489.62	24,257.31
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*4,204.65*	
		For Factory Installed Non-Fused Disconnect, Add	*6,038.98*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*8,040.06*	
23 74 16 13-0123	EA	140 Ton, Air-Cooled Packaged Rooftop Units (AAON RNE-140)	340,760.67	27,136.79
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*4,204.65*	
		For Factory Installed Non-Fused Disconnect, Add	*6,038.98*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*8,040.06*	

23 74 16 13-0124 Heat Pump, Packaged Rooftop Heat Pump Units *(23 74 16 13)*

See CSI section 01 22 23 00-0845 for crane lifting equipment, 26 28 16 16-0001 for disconnects.

23 74 16 13-0125 Packaged Rooftop Heat Pump Units *(23 74 16 13-0124)*

Note: Includes evaporator and condenser coils, electric heat, thermostatic expansion valve, compressor, evaporator and condenser fans, refrigerant charge, filter section with filter, operation and safety controls, motors, condensate drain pan, condenser coil guards, manual outside air damper, and roof curb. Excludes crane and associated personnel.

23 74 16 13-0126	EA	2 Ton Packaged Rooftop Heat Pump	7,168.40	1,570.61
		For Unit Without Roof Curb, Deduct	*-806.84*	
		For Economizer With Outside Air Control, Add	*2,112.67*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*253.71*	
23 74 16 13-0127	EA	2.5 Ton Packaged Rooftop Heat Pump	7,548.50	1,688.47
		For Unit Without Roof Curb, Deduct	*-806.84*	
		For Economizer With Outside Air Control, Add	*2,238.04*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*264.86*	
23 74 16 13-0128	EA	3 Ton Packaged Rooftop Heat Pump	7,984.36	1,806.21
		For Unit Without Roof Curb, Deduct	*-806.84*	
		For Economizer With Outside Air Control, Add	*2,375.12*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*278.80*	
23 74 16 13-0129	EA	3.5 Ton Packaged Rooftop Heat Pump	8,568.16	1,943.61
		For Unit Without Roof Curb, Deduct	*-806.84*	
		For Economizer With Outside Air Control, Add	*2,311.79*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*298.83*	
23 74 16 13-0130	EA	4 Ton Packaged Rooftop Heat Pump	9,152.21	2,081.13
		For Unit Without Roof Curb, Deduct	*-806.84*	
		For Economizer With Outside Air Control, Add	*2,471.55*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*318.87*	
23 74 16 13-0131	EA	5 Ton Packaged Rooftop Heat Pump	9,809.54	2,238.19
		For Unit Without Roof Curb, Deduct	*-806.84*	
		For Economizer With Outside Air Control, Add	*2,652.40*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*273.01*	
23 74 16 13-0132	EA	6 Ton Packaged Rooftop Heat Pump	11,033.97	2,414.80
		For Unit Without Roof Curb, Deduct	*-806.84*	
		For Economizer With Outside Air Control, Add	*2,938.30*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*234.43*	
23 74 16 13-0133	EA	7.5 Ton Packaged Rooftop Heat Pump	14,175.78	2,532.65
		For Unit Without Roof Curb, Deduct	*-968.70*	
		For Economizer With Outside Air Control, Add	*2,984.29*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*323.97*	
23 74 16 13-0134	EA	8.5 Ton Packaged Rooftop Heat Pump	15,853.55	2,728.91
		For Unit Without Roof Curb, Deduct	*-968.70*	
		For Economizer With Outside Air Control, Add	*3,162.94*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*366.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0135	EA	10 Ton Packaged Rooftop Heat Pump	17,043.15	2,827.11
		For Unit Without Roof Curb, Deduct	*-968.70*	
		For Economizer With Outside Air Control, Add	*3,212.11*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*265.47*	
23 74 16 13-0136	EA	12.5 Ton Packaged Rooftop Heat Pump	19,766.33	3,062.71
		For Unit Without Roof Curb, Deduct	*-968.70*	
		For Economizer With Outside Air Control, Add	*3,610.07*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*313.65*	
23 74 16 13-0137	EA	15 Ton Packaged Rooftop Heat Pump	22,489.53	3,298.30
		For Unit Without Roof Curb, Deduct	*-968.70*	
		For Economizer With Outside Air Control, Add	*4,008.05*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*361.84*	
23 74 16 13-0138	EA	17.5 Ton Packaged Rooftop Heat Pump	25,184.15	3,533.89
		For Unit Without Roof Curb, Deduct	*-968.70*	
		For Economizer With Outside Air Control, Add	*4,403.16*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*409.45*	
23 74 16 13-0139	EA	20 Ton Packaged Rooftop Heat Pump	27,878.77	3,769.48
		For Unit Without Roof Curb, Deduct	*-968.70*	
		For Economizer With Outside Air Control, Add	*4,798.27*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*457.06*	

23 74 16 13-0140 Heating Only Packaged Rooftop Units *(23 74 16 13-0124)*

Note: Includes throwaway filters, filter rack, manual outside air damper, roof curbs and electric heat. Units are shipped fully factory assembled in one piece, prewired and include start-up. Excludes crane and associated personnel. See CSI section 01 22 23 00-0845 for crane lifting equipment, 26 28 16 16-0001 for disconnects.

23 74 16 13-0141	EA	24 MBH Electric Heating Only, Self Contained Package Rooftop Unit	7,167.25	1,570.61
		For Unit Without Roof Curb, Deduct	*-806.84*	
		For Gas Heat, Add	*459.82*	
23 74 16 13-0142	EA	32 MBH Electric Heating Only, Self Contained Package Rooftop Unit	8,419.12	1,806.21
		For Unit Without Roof Curb, Deduct	*-806.84*	
		For Gas Heat, Add	*541.17*	
23 74 16 13-0143	EA	45 MBH Electric Heating Only, Self Contained Package Rooftop Unit	11,506.62	2,081.13
		For Unit Without Roof Curb, Deduct	*-806.84*	
		For Gas Heat, Add	*749.97*	
23 74 16 13-0144	EA	60 MBH Electric Heating Only, Self Contained Package Rooftop Unit	12,976.62	2,238.19
		For Unit Without Roof Curb, Deduct	*-806.84*	
		For Gas Heat, Add	*848.68*	
23 74 16 13-0145	EA	95 MBH Electric Heating Only, Self Contained Package Rooftop Unit	15,244.78	2,532.65
		For Unit Without Roof Curb, Deduct	*-968.70*	
		For Gas Heat, Add	*999.60*	
23 74 16 13-0146	EA	112 MBH Electric Heating Only, Self Contained Package Rooftop Unit	17,166.83	2,728.91
		For Unit Without Roof Curb, Deduct	*-968.70*	
		For Gas Heat, Add	*1,128.91*	
23 74 16 13-0147	EA	140 MBH Electric Heating Only, Self Contained Package Rooftop Unit	20,298.53	2,827.11
		For Unit Without Roof Curb, Deduct	*-968.70*	
		For Gas Heat, Add	*1,345.51*	
23 74 16 13-0148	EA	170 MBH Electric Heating Only, Self Contained Package Rooftop Unit	26,350.37	3,298.30
		For Unit Without Roof Curb, Deduct	*-968.70*	
		For Gas Heat, Add	*1,756.57*	
23 74 16 13-0149	EA	200 MBH Electric Heating Only, Self Contained Package Rooftop Unit	34,766.07	3,533.89
		For Unit Without Roof Curb, Deduct	*-968.70*	
		For Gas Heat, Add	*2,339.39*	
23 74 16 13-0150	EA	230 MBH Electric Heating Only, Self Contained Package Rooftop Unit	40,568.35	3,769.48
		For Unit Without Roof Curb, Deduct	*-968.70*	
		For Gas Heat, Add	*2,739.27*	
23 74 16 13-0151	EA	270 MBH Electric Heating Only, Self Contained Package Rooftop Unit	52,720.02	4,162.14
		For Unit Without Roof Curb, Deduct	*-968.70*	
		For Gas Heat, Add	*3,579.41*	
23 74 16 13-0152	EA	330 MBH Electric Heating Only, Self Contained Package Rooftop Unit	65,921.01	5,296.47
		For Unit Without Roof Curb, Deduct	*-1,433.42*	
		For Gas Heat, Add	*4,482.54*	
23 74 16 13-0153	EA	360 MBH Electric Heating Only, Self Contained Package Rooftop Unit	73,683.68	5,340.10
		For Unit Without Roof Curb, Deduct	*-1,433.42*	
		For Gas Heat, Add	*5,015.46*	
23 74 16 13-0154	EA	450 MBH Electric Heating Only, Self Contained Package Rooftop Unit	89,705.86	6,243.27
		For Unit Without Roof Curb, Deduct	*-1,433.42*	
		For Gas Heat, Add	*6,112.92*	
23 74 16 13-0155	EA	540 MBH Electric Heating Only, Self Contained Package Rooftop Unit	116,340.45	8,049.47
		For Unit Without Roof Curb, Deduct	*-2,174.53*	
		For Gas Heat, Add	*7,929.18*	

23 74 23 Packaged, Outdoor, Heating-Only Makeup-Air Units *(23 74)*

23 74 23 13 Packaged, Direct-Fired, Outdoor, Heating-Only Makeup-Air Units *(23 74 23)*

23 74 23 13-0001 Make-Up Air Units *(23 74 23 13)*

Note: Units are shipped fully factory assembled in one piece, prewired, prepiped, charged with refrigerant. Includes throwaway filters and start-up. Excludes crane and associated personnel. See CSI section 01 22 23 00-0845 for crane lifting equipment.

23 74 23 13-0002 Gas-Fired Electric Spark Make-Up Air Units *(23 74 23 13-0001)*

Note: With 2-position damper curb filter and thermostat with capillary. Excludes crane and associated personnel. See CSI section 01 22 23 00-0846 for crane lifting equipment.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 23 13-0003	EA	100,000 BTU 1/2 HP, 1,200 CFM, Make-up Air Unit, Gas Fired, Electric Spark	9,085.17	523.54
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,463.78*	
		For Equipment Base Roof Curb, Add	*1,109.47*	
23 74 23 13-0004	EA	300,000 BTU 1-1/2 HP, 3,500 CFM, Make-up Air Unit, Gas Fired, Electric Spark	11,773.63	593.35
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,232.51*	
		For Equipment Base Roof Curb, Add	*1,441.75*	
23 74 23 13-0005	EA	500,000 BTU 2 HP, 4,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark	16,436.63	698.05
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,581.96*	
		For Equipment Base Roof Curb, Add	*2,019.68*	
23 74 23 13-0006	EA	670,000 BTU 3 HP, 6,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark	16,553.67	744.59
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,590.90*	
		For Equipment Base Roof Curb, Add	*2,031.69*	
23 74 23 13-0007	EA	800,000 BTU 5 HP, 7,500 CFM, Make-up Air Unit, Gas Fired, Electric Spark	22,696.93	837.66
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*6,390.25*	
		For Equipment Base Roof Curb, Add	*2,795.23*	
23 74 23 13-0008	EA	1,200,000 BTU 10 HP, 10,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark	34,503.55	1,047.08
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*9,827.53*	
		For Equipment Base Roof Curb, Add	*4,260.59*	

23 74 23 13-0009 Electric Make-Up Air Units *(23 74 23 13-0001)*

Note: With 2-position damper curb filter and thermostat with capillary. Excludes crane and associated personnel. See CSI section 01 22 23 00-0846 for crane lifting equipment.

23 74 23 13-0010	EA	33 KW, 1/2 HP, 1,200 CFM Make-up Air Unit, Electric	18,982.81	523.54
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,433.07*	
		For Equipment Base Roof Curb, Add	*2,346.67*	
23 74 23 13-0011	EA	100 KW, 1-1/2 HP, 3,500 CFM Make-up Air Unit, Electric	27,220.56	593.35
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*7,866.59*	
		For Equipment Base Roof Curb, Add	*3,372.61*	
23 74 23 13-0012	EA	150 KW, 2 HP, 4,000 CFM Make-up Air Unit, Electric	33,748.06	698.05
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*9,775.39*	
		For Equipment Base Roof Curb, Add	*4,183.60*	
23 74 23 13-0013	EA	250 KW, 5 HP, 7,500 CFM Make-up Air Unit, Electric	43,693.09	837.66
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*12,689.09*	
		For Equipment Base Roof Curb, Add	*5,419.75*	
23 74 23 13-0014	EA	400 KW, 10 HP, 10,000 CFM Make-up Air Unit, Electric	70,806.31	1,047.08
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*20,718.35*	
		For Equipment Base Roof Curb, Add	*8,798.43*	

23 76 Evaporative Air-Cooling Equipment *(23 70)*

23 76 13 Direct Evaporative Air-Coolers *(23 76)*

23 76 13 00-0001 Residential Side Or Down Draft Evaporative Cooling Unit *(23 76 13)*

Note: Includes motor, belt and pads.

23 76 13 00-0002	EA	3,000 CFM, 1/3 HP Residential Side Or Down Draft Evaporative Cooling Unit	1,629.17	375.52
23 76 13 00-0003	EA	4,300 CFM, 1/3 HP Residential Side Or Down Draft Evaporative Cooling Unit	1,925.10	438.10
23 76 13 00-0004	EA	4,400 CFM, 1/2 HP Residential Side Or Down Draft Evaporative Cooling Unit	2,500.59	500.70
23 76 13 00-0005	EA	5,000 CFM, 3/4 HP Residential Side Or Down Draft Evaporative Cooling Unit	2,719.58	563.28
23 76 13 00-0006	EA	6,000 CFM, 3/4 HP Residential Side Or Down Draft Evaporative Cooling Unit	3,126.21	625.87
23 76 13 00-0007	EA	7,000 CFM, 1 HP Residential Side Or Down Draft Evaporative Cooling Unit	3,363.96	688.45

23 76 13 00-0008 Industrial Side Draft/Side Discharge Evaporative Coolers *(23 76 13)*

Note: Excludes motor starter, piping, power wiring and equipment rigging.

23 76 13 00-0009	EA	7,500 CFM, 3/4 HP Industrial Side Or Down Draft Evaporative Cooling Unit	3,111.84	347.59
23 76 13 00-0010	EA	8,500 CFM, 1 HP Industrial Side Or Down Draft Evaporative Cooling Unit	3,211.36	358.84
23 76 13 00-0011	EA	9,500 CFM, 1 1/2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	3,809.44	498.36
23 76 13 00-0012	EA	11,375 CFM, 2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	8,252.26	588.28
23 76 13 00-0013	EA	13,020 CFM, 3 HP Industrial Side Or Down Draft Evaporative Cooling Unit	8,884.48	861.23
23 76 13 00-0014	EA	16,267 CFM, 3 HP Industrial Side Or Down Draft Evaporative Cooling Unit	10,192.67	918.64
23 76 13 00-0015	EA	15,438 CFM, 5 HP Industrial Side Or Down Draft Evaporative Cooling Unit	9,322.79	1,033.47
23 76 13 00-0016	EA	19,286 CFM, 5 HP Industrial Side Or Down Draft Evaporative Cooling Unit	11,044.14	1,291.84
23 76 13 00-0017	EA	17,672 CFM, 7-1/2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	11,004.72	1,688.69
23 76 13 00-0018	EA	22,077 CFM, 7-1/2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	12,282.51	1,722.45
23 76 13 00-0019	EA	24,301 CFM, 10 HP Industrial Side Or Down Draft Evaporative Cooling Unit	12,914.84	1,913.88
23 76 13 00-0020	EA	30,000 CFM, 20 HP Industrial Side Or Down Draft Evaporative Cooling Unit	17,238.85	2,990.41
23 76 13 00-0021	EA	35,000 CFM, 20 HP Industrial Side Or Down Draft Evaporative Cooling Unit	19,375.22	3,120.39
23 76 13 00-0022	EA	40,000 CFM, 30 HP Industrial Side Or Down Draft Evaporative Cooling Unit	21,535.25	3,262.21

23 80 Decentralized Unitary HVAC Equipment *(23)*

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 23 05 29 00-0000 for hangers and supports, 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0110 for terminations, 26 28 16 16-0001 for disconnect.

23 81 Decentralized Unitary HVAC Equipment *(23 80)*

23 81 13 Packaged Terminal Air-Conditioners *(23 81)*

Note: Units consists of fresh air intake, throwaway filters, exhaust, automatic thermostat, hermetically sealed compressor with 5 year guarantee, "sleeve-type" construction, condensing fan motor enclosed, fan to be aluminum, three wire ground cord, multi speed fan, exposed steel parts to be phosphate bonderized with baked enamel finish and copper tubes mechanically

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

expanded into aluminum of evaporator and condensing coils. Includes equipment rigging. Efficiency Rating (ER) not less than 9.

23 81 13 11 Packaged Terminal Air-Conditioners, Through-Wall Units *(23 81 13)*

23 81 13 11-0001 Packaged Terminal Air-Conditioners *(23 81 13 11)*

23 81 13 11-0002 Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioners *(23 81 13 11-0001)*

23 81 13 11-0003	EA	7,200 BTU, 13 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	2,167.90	234.70
		For >35 To 70, Deduct	*-50.96*	
		For >70 To 100, Deduct	*-84.93*	
		For >100, Deduct	*-118.90*	
23 81 13 11-0004	EA	9,400 BTU, 12.1 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	2,258.04	265.59
		For >35 To 70, Deduct	*-51.82*	
		For >70 To 100, Deduct	*-86.37*	
		For >100, Deduct	*-120.92*	
23 81 13 11-0005	EA	11,800 BTU, 11.6 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	2,389.93	283.04
		For >35 To 70, Deduct	*-54.69*	
		For >70 To 100, Deduct	*-91.16*	
		For >100, Deduct	*-127.62*	
23 81 13 11-0006	EA	14,500 BTU, 10.4 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	2,582.77	304.25
		For >35 To 70, Deduct	*-59.24*	
		For >70 To 100, Deduct	*-98.73*	
		For >100, Deduct	*-138.22*	

23 81 13 11-0007 Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioners *(23 81 13 11-0001)*

23 81 13 11-0008	EA	7,200 BTU, 13 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	2,286.81	235.67
		For >35 To 70, Deduct	*-54.49*	
		For >70 To 100, Deduct	*-90.81*	
		For >100, Deduct	*-127.14*	
23 81 13 11-0009	EA	9,400 BTU, 12.1 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	2,411.64	265.59
		For >35 To 70, Deduct	*-56.43*	
		For >70 To 100, Deduct	*-94.05*	
		For >100, Deduct	*-131.67*	
23 81 13 11-0010	EA	11,800 BTU, 11.6 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	2,501.23	283.04
		For >35 To 70, Deduct	*-58.03*	
		For >70 To 100, Deduct	*-96.72*	
		For >100, Deduct	*-135.41*	
23 81 13 11-0011	EA	14,500 BTU, 10.4 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	2,729.70	304.25
		For >35 To 70, Deduct	*-63.64*	
		For >70 To 100, Deduct	*-106.07*	
		For >100, Deduct	*-148.50*	

23 81 13 11-0012 Packaged Terminal Air-Conditioners, Through-Wall Unit Sleeve *(23 81 13 11)*

Note: Includes wall case, exterior grille, weather panel and steel closure panels. Includes bolts, nuts, washers, caulking and lintel supports. Not for use with new A/C units where wall sleeve is provided. Excludes cutting opening for unit or patching masonry or concrete.

23 81 13 11-0013	EA	Up To 10,000 BTU Unit, Thru Wall A/C Sleeve	123.90
23 81 13 11-0014	EA	>10,000 To 20,000 BTU Unit, Thru Wall A/C Sleeve	140.38
23 81 13 11-0015	EA	>20,000 To 30,000 BTU Unit, Thru Wall A/C Sleeve	156.87

23 81 13 11-0016 Removal And Reinstallation Of Packaged Terminal Air-Conditioners, Through-Wall Units *(23 81 13 11)*

Note: Includes storage and cleaning.

23 81 13 11-0017	EA	Removal And Reinstallation Of Packaged Terminal Air-Conditioners, Through-Wall Units	250.35

23 81 13 13 Packaged Terminal Air-Conditioners, Outdoor, Wall-Mounted Units *(23 81 13)*

23 81 13 13-0001 Single Package Vertical Wall Cooling Unit *(23 81 13 13)*

Note: Air-to-air type with electric heat. Includes throwaway filters. Wall units are wired for 230/208 Volt, 1 phase, 60 HZ. With solid state electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls, insulated steel cabinet, with wall sleeve and outdoor grille and stainless steel drain pan. Excludes crane and associated personnel. See CSI section 01 22 23 00-0846 for crane lifting equipment.

23 81 13 13-0002	EA	1/2 Ton Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	5,337.96	284.96
23 81 13 13-0003	EA	1 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	8,386.92	298.52
23 81 13 13-0004	EA	1-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	10,968.80	312.10
23 81 13 13-0005	EA	2 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	12,614.55	339.23
23 81 13 13-0006	EA	2-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	15,822.30	393.51
23 81 13 13-0007	EA	3 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	16,975.53	488.50
23 81 13 13-0008	EA	3-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	18,793.84	542.77
23 81 13 13-0009	EA	4 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	20,695.91	610.62
23 81 13 13-0010	EA	5 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	23,285.50	732.74
23 81 13 13-0011	EA	7-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	30,101.54	909.15
23 81 13 13-0012	EA	10 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	35,905.41	1,221.25
23 81 13 13-0013	EA	15 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	50,345.31	1,492.63
23 81 13 13-0014	EA	20 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	58,000.47	1,777.59
23 81 13 13-0015	EA	25 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	69,323.76	1,994.70

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 81 16 Room Air-Conditioners *(23 81)*

Note: Units consists of fresh air intake, throwaway filters, exhaust, automatic thermostat, hermetically sealed compressor with 5 year guarantee, "sleeve-type" construction, condensing fan motor enclosed, fan to be aluminum, three wire ground cord, multi speed fan, exposed steel parts to be phosphate bonderized with baked enamel finish and copper tubes mechanically expanded into aluminum of evaporator and condensing coils. Includes equipment rigging. Efficiency Rating (ER) not less than 9.

23 81 16 00-0001 Window Unit, Room Air-Conditioners *(23 81 16)*

23 81 16 00-0002 Cooling Only, Window Unit, Room Air-Conditioners *(23 81 16 00-0001)*

23 81 16 00-0003 Cooling Only, Window Unit, Room Air-Conditioners (Frigidaire) *(23 81 16 00-0002)*

23 81 16 00-0004	EA	5,000 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0533Q1)	693.33	131.43
		For >10 To 50, Deduct	*-21.52*	
		For >50 To 75, Deduct	*-30.13*	
		For >75 To 100, Deduct	*-43.05*	
		For >100, Deduct	*-51.66*	
23 81 16 00-0005	EA	6,000 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0633Q1)	736.59	131.43
		For >10 To 50, Deduct	*-23.69*	
		For >50 To 75, Deduct	*-33.16*	
		For >75 To 100, Deduct	*-47.37*	
		For >100, Deduct	*-56.85*	
23 81 16 00-0006	EA	8,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0833U1)	844.74	131.43
		For >10 To 50, Deduct	*-29.09*	
		For >50 To 75, Deduct	*-40.73*	
		For >75 To 100, Deduct	*-58.19*	
		For >100, Deduct	*-69.82*	
23 81 16 00-0007	EA	10,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1033U1)	996.16	131.43
		For >10 To 50, Deduct	*-36.66*	
		For >50 To 75, Deduct	*-51.33*	
		For >75 To 100, Deduct	*-73.33*	
		For >100, Deduct	*-87.99*	
23 81 16 00-0008	EA	12,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1233Q1)	1,190.84	131.43
		For >10 To 50, Deduct	*-46.40*	
		For >50 To 75, Deduct	*-64.96*	
		For >75 To 100, Deduct	*-92.80*	
		For >100, Deduct	*-111.36*	
23 81 16 00-0009	EA	15,100 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1533Q1)	1,407.15	131.43
		For >10 To 50, Deduct	*-57.21*	
		For >50 To 75, Deduct	*-80.10*	
		For >75 To 100, Deduct	*-114.43*	
		For >100, Deduct	*-137.31*	
23 81 16 00-0010	EA	8,000 BTU, 10.9 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS0833Q1)	1,320.63	131.43
		For >10 To 50, Deduct	*-52.89*	
		For >50 To 75, Deduct	*-74.04*	
		For >75 To 100, Deduct	*-105.78*	
		For >100, Deduct	*-126.93*	
23 81 16 00-0011	EA	10,000 BTU, 9.5 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS1022Q1)	1,428.78	131.43
		For >10 To 50, Deduct	*-58.30*	
		For >50 To 75, Deduct	*-81.61*	
		For >75 To 100, Deduct	*-116.59*	
		For >100, Deduct	*-139.91*	
23 81 16 00-0012	EA	12,000 BTU, 9.5 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS1222Q1)	1,515.30	131.43
		For >10 To 50, Deduct	*-62.62*	
		For >50 To 75, Deduct	*-87.67*	
		For >75 To 100, Deduct	*-125.24*	
		For >100, Deduct	*-150.29*	
23 81 16 00-0013	EA	18,500 BTU, 11.2 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1833Q2)	1,601.83	131.43
		For >10 To 50, Deduct	*-66.95*	
		For >50 To 75, Deduct	*-93.73*	
		For >75 To 100, Deduct	*-133.90*	
		For >100, Deduct	*-160.68*	
23 81 16 00-0014	EA	22,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE2233S2)	1,774.88	131.43
		For >10 To 50, Deduct	*-75.60*	
		For >50 To 75, Deduct	*-105.84*	
		For >75 To 100, Deduct	*-151.20*	
		For >100, Deduct	*-181.44*	
23 81 16 00-0015	EA	25,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE2533S2)	1,796.51	131.43
		For >10 To 50, Deduct	*-76.68*	
		For >50 To 75, Deduct	*-107.35*	
		For >75 To 100, Deduct	*-153.36*	
		For >100, Deduct	*-184.04*	
23 81 16 00-0016	EA	28,000 BTU, 9.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRA2822R2)	2,033.53	131.43
		For >10 To 50, Deduct	*-88.53*	
		For >50 To 75, Deduct	*-123.95*	
		For >75 To 100, Deduct	*-177.07*	
		For >100, Deduct	*-212.48*	

23 81 16 00-0017 Cooling Only, Window Unit, Room Air-Conditioners (Friedrich Kuhl) *(23 81 16 00-0002)*

23 81 16 00-0018	EA	8,000 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS08N10C)	1,453.53	131.43
23 81 16 00-0019	EA	10,000 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS10N10C)	1,585.96	131.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 16 00-0020	EA	11,900 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS12N10C)	1,646.15	131.43
23 81 16 00-0021	EA	12,000 BTU, 12.2 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS12N30C)	1,670.23	131.43
23 81 16 00-0022	EA	20,000 BTU, 10.4 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SM18N30C)	1,886.93	131.43
23 81 16 00-0023	EA	24,000 BTU, 10.4 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL24N30C)	2,428.69	131.43
23 81 16 00-0024	EA	28,000 BTU, 10.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL28N30C)	2,609.27	131.43
23 81 16 00-0025	EA	36,000 BTU, 9.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL36N30B)	2,850.05	131.43
23 81 16 00-0026		Heating And Cooling, Window Unit, Room Air-Conditioners *(23 81 16 00-0001)*		
23 81 16 00-0027		Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioners (Frigidaire) *(23 81 16 00-0026)*		
23 81 16 00-0028	EA	8,000 BTU, 9.8 EER, 115 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH0822R1)	1,515.30	131.43
		For >10 To 50, Deduct	*-62.62*	
		For >50 To 75, Deduct	*-87.67*	
		For >75 To 100, Deduct	*-125.24*	
		For >100, Deduct	*-150.29*	
23 81 16 00-0029	EA	12,000 BTU, 10.9 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH1222R2)	1,753.25	131.43
		For >10 To 50, Deduct	*-74.52*	
		For >50 To 75, Deduct	*-104.33*	
		For >75 To 100, Deduct	*-149.04*	
		For >100, Deduct	*-178.85*	
23 81 16 00-0030	EA	18,500 BTU, 10.7 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH1822R2)	1,883.03	131.43
		For >10 To 50, Deduct	*-81.01*	
		For >50 To 75, Deduct	*-113.41*	
		For >75 To 100, Deduct	*-162.02*	
		For >100, Deduct	*-194.42*	
23 81 16 00-0031	EA	25,000 BTU, 9.4 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH2522R2)	2,358.91	131.43
		For >10 To 50, Deduct	*-104.80*	
		For >50 To 75, Deduct	*-146.72*	
		For >75 To 100, Deduct	*-209.60*	
		For >100, Deduct	*-251.52*	
23 81 16 00-0032		Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioners (Friedrich) *(23 81 16 00-0026)*		
23 81 16 00-0033	EA	12,000 BTU, 11.3 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Friedrich ES12N33B)	1,730.42	131.43
23 81 16 00-0034		Accessories *(23 81 16 00-0001)*		
23 81 16 00-0035	SET	Aluminum Air Conditioner Unit Frame And Bracket Assembly	639.91	68.58
23 81 16 00-0036		Removal And Reinstallation Of Room Air-Conditioners *(23 81 16)* Note: Includes storage and cleaning.		
23 81 16 00-0037	EA	Removal And Reinstallation Of Room Air-Conditioning Unit In Window Lower Sash	156.46	
23 81 16 00-0038	EA	Removal And Reinstallation Of Room Air-Conditioning Unit In Window Upper Sash	347.19	
23 81 16 00-0039		Through-The-Wall, Room Air-Conditioners *(23 81 16)* Note: Base unit excludes wall sleeve.		
23 81 16 00-0040		Cooling Only, Through-The-Wall, Room Air-Conditioners *(23 81 16 00-0039)*		
23 81 16 00-0041		Cooling Only, Through-The-Wall, Room Air-Conditioners (Friedrich) *(23 81 16 00-0040)*		
23 81 16 00-0042	EA	8,000 BTU, 10.7 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS08D10A)	1,089.48	93.88
		For >10 To 50, Deduct	*-45.09*	
		For >50 To 75, Deduct	*-63.12*	
		For >75 To 100, Deduct	*-90.17*	
		For >100, Deduct	*-108.21*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*389.07*	
23 81 16 00-0043	EA	9,800 BTU, 10.7 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS10D10B)	1,173.75	93.88
		For >10 To 50, Deduct	*-49.30*	
		For >50 To 75, Deduct	*-69.02*	
		For >75 To 100, Deduct	*-98.60*	
		For >100, Deduct	*-118.32*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*389.07*	
23 81 16 00-0044	EA	12,000 BTU, 9.8 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS12D10A)	1,330.26	93.88
		For >10 To 50, Deduct	*-57.13*	
		For >50 To 75, Deduct	*-79.98*	
		For >75 To 100, Deduct	*-114.25*	
		For >100, Deduct	*-137.10*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*389.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 16 00-0045	EA	10,000 BTU, 10.7 EER, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS10D30A)	1,173.75	93.88
		For >10 To 50, Deduct	*-49.30*	
		For >50 To 75, Deduct	*-69.02*	
		For >75 To 100, Deduct	*-98.60*	
		For >100, Deduct	*-118.32*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*389.07*	
23 81 16 00-0046	EA	12,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS12D30A)	1,330.26	93.88
		For >10 To 50, Deduct	*-57.13*	
		For >50 To 75, Deduct	*-79.98*	
		For >75 To 100, Deduct	*-114.25*	
		For >100, Deduct	*-137.10*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*389.07*	

23 81 16 00-0047 Heating And Cooling, Through-The-Wall, Room Air-Conditioners *(23 81 16 00-0039)*

23 81 16 00-0048 Electric Heat, Heating And Cooling, Through-The-Wall, Room Air-Conditioners (Friedrich) *(23 81 16 00-0047)*

23 81 16 00-0049	EA	10,000 BTU, 9.8 EER, 230/208 Volt, Heating And Cooling, Through-The-Wall, Room Air-Conditioner (Friedrich WE10D33)	1,366.38	93.88
		For >10 To 50, Deduct	*-58.93*	
		For >50 To 75, Deduct	*-82.50*	
		For >75 To 100, Deduct	*-117.86*	
		For >100, Deduct	*-141.43*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*389.07*	
23 81 16 00-0050	EA	12,000 BTU, 9.8 EER, 230/208 Volt, Heating And Cooling, Through-The-Wall, Room Air-Conditioner (Friedrich WE12D33)	1,462.69	93.88
		For >10 To 50, Deduct	*-63.75*	
		For >50 To 75, Deduct	*-89.25*	
		For >75 To 100, Deduct	*-127.49*	
		For >100, Deduct	*-152.99*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*389.07*	

23 81 23 Computer-Room Air-Conditioners *(23 81)*

Note: Includes equipment rigging. Indoor units include filters.

23 81 23 12 Large-Capacity, Computer-Room Air-Conditioners, Floor Mounted Units *(23 81 23)*

23 81 23 12-0001 Floor Mounted Air-Cooled Direct Expansion Type *(23 81 23 12)*

Note: Includes compressor sequence switch, mode alert monitor, locking or non-locking disconnect switch, smoke sensor, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand, condensate pump, and outdoor air-cooled condenser complete with fan speed control. Excludes precharged copper pipe.

23 81 23 12-0002	EA	3 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	42,657.24	2,671.70
		For Liebert Unit, Add	*4,830.66*	
23 81 23 12-0003	EA	5 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	47,083.11	2,922.17
		For Liebert Unit, Add	*5,334.45*	
23 81 23 12-0004	EA	6 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	70,451.67	3,339.63
		For Liebert Unit, Add	*8,185.56*	
23 81 23 12-0005	EA	8 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	75,086.60	3,548.36
		For Liebert Unit, Add	*8,726.12*	
23 81 23 12-0006	EA	10 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	79,721.53	3,757.08
		For Liebert Unit, Add	*9,266.68*	
23 81 23 12-0007	EA	16 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	93,832.13	4,508.49
		For Liebert Unit, Add	*10,878.65*	
23 81 23 12-0008	EA	20 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	106,063.70	5,009.44
		For Liebert Unit, Add	*12,326.61*	
23 81 23 12-0009	EA	22 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	117,093.82	5,174.67
		For Liebert Unit, Add	*13,669.76*	
23 81 23 12-0010	EA	24 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	126,847.33	5,343.40
		For Liebert Unit, Add	*14,852.92*	
23 81 23 12-0011	EA	30 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	137,130.69	6,011.32
		For Liebert Unit, Add	*16,023.72*	

23 81 23 12-0012 Floor Mounted Chilled Water Type *(23 81 23 12)*

Note: Includes mode alert monitor, locking or non-locking disconnect switch, smoke sensor, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand, and condensate pump. Excludes chilled water source. See CSI section 23 81 23 12-0020 for chilled water source.

23 81 23 12-0013	EA	3 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	25,496.69	1,830.66
		For Liebert Unit, Add	*2,881.98*	
23 81 23 12-0014	EA	5 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	27,401.37	2,027.81
		For Liebert Unit, Add	*3,087.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 23 12-0015	EA	12 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	33,910.96	3,088.65
		For Liebert Unit, Add	*3,724.10*	
23 81 23 12-0016	EA	16 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	35,450.63	3,129.34
		For Liebert Unit, Add	*3,909.83*	
23 81 23 12-0017	EA	20 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	36,813.92	3,254.51
		For Liebert Unit, Add	*4,057.24*	
23 81 23 12-0018	EA	22 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	37,686.19	3,567.44
		For Liebert Unit, Add	*4,116.20*	
23 81 23 12-0019	EA	31 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	39,979.79	3,880.38
		For Liebert Unit, Add	*4,352.05*	

23 81 23 12-0020 Floor Mounted Water Source For Computer Room Air Conditioner *(23 81 23 12)*

Note: Excludes computer room air conditioner

23 81 23 12-0021	EA	3 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	19,760.00	1,669.81
		For Liebert Unit, Add	*2,158.07*	
23 81 23 12-0022	EA	5 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	21,744.66	1,753.30
		For Liebert Unit, Add	*2,390.47*	
23 81 23 12-0023	EA	6 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	28,177.00	1,836.80
		For Liebert Unit, Add	*3,179.00*	
23 81 23 12-0024	EA	8 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	30,366.59	2,003.78
		For Liebert Unit, Add	*3,419.70*	
23 81 23 12-0025	EA	9 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	31,952.81	2,087.52
		For Liebert Unit, Add	*3,602.31*	
23 81 23 12-0026	EA	10 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	33,539.03	2,170.76
		For Liebert Unit, Add	*3,784.91*	
23 81 23 12-0027	EA	12 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	34,857.85	2,337.74
		For Liebert Unit, Add	*3,917.72*	
23 81 23 12-0028	EA	16 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	36,395.18	2,504.71
		For Liebert Unit, Add	*4,083.72*	
23 81 23 12-0029	EA	20 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	37,486.82	2,671.70
		For Liebert Unit, Add	*4,190.70*	
23 81 23 12-0030	EA	25 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	42,811.90	3,172.64
		For Liebert Unit, Add	*4,758.81*	

23 81 23 12-0031 Floor Mounted Glycol System Type *(23 81 23 12)*

Note: Includes mode alert monitor, locking or non-locking disconnect switch, smoke sensor, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand, and condensate pump. Excludes chilled water source. See CSI section 23 81 23 12-0020 for water source.

23 81 23 12-0032	EA	3 Ton Computer Room Air Conditioner, Glycol System Type	51,872.70	1,830.66
		For Drycooler, Add	*18,521.58*	
		Note: Installation is externally mounted.		
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0033	EA	5 Ton Computer Room Air Conditioner, Glycol System Type	55,813.72	2,027.81
		For Drycooler, Add	*19,940.36*	
		Note: Installation is externally mounted.		
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0034	EA	6 Ton Computer Room Air Conditioner, Glycol System Type	73,049.27	2,271.90
		For Drycooler, Add	*26,021.62*	
		Note: Installation is externally mounted.		
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0035	EA	8 Ton Computer Room Air Conditioner, Glycol System Type	84,526.66	2,515.99
		For Drycooler, Add	*30,087.53*	
		Note: Installation is externally mounted.		
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0036	EA	9 Ton Computer Room Air Conditioner, Glycol System Type	89,305.51	2,638.03
		For Drycooler, Add	*31,784.53*	
		Note: Installation is externally mounted.		
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0037	EA	10 Ton Computer Room Air Conditioner, Glycol System Type	95,378.79	2,760.07
		For Drycooler, Add	*33,934.59*	
		Note: Installation is externally mounted.		
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0038	EA	12 Ton Computer Room Air Conditioner, Glycol System Type	101,856.25	2,882.74
		For Drycooler, Add	*36,226.11*	
		Note: Installation is externally mounted.		
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0039	EA	15 Ton Computer Room Air Conditioner, Glycol System Type	109,379.27	2,991.64
		For Drycooler, Add	*38,883.58*	
		Note: Installation is externally mounted.		
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0040	EA	16 Ton Computer Room Air Conditioner, Glycol System Type	116,490.80	3,129.34
		For Drycooler, Add	*41,400.78*	
		Note: Installation is externally mounted.		
		For 10 HP Glycol Pump, Add	*21,500.00*	
		For Remote Pump Control Panel, Add	*7,630.00*	
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0041	EA	20 Ton Computer Room Air Conditioner, Glycol System Type	127,807.34	3,254.51
		For Drycooler, Add	*45,385.98*	
		Note: Installation is externally mounted.		
		For 10 HP Glycol Pump, Add	*21,500.00*	
		For Remote Pump Control Panel, Add	*7,630.00*	
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 23 12-0042	EA	22 Ton Computer Room Air Conditioner, Glycol System Type	132,461.12	3,567.44
		For Drycooler, Add	*47,074.89*	
		Note: Installation is externally mounted.		
		For 10 HP Glycol Pump, Add	*21,500.00*	
		For Remote Pump Control Panel, Add	*7,630.00*	
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0043	EA	30 Ton Computer Room Air Conditioner, Glycol System Type	161,555.31	3,880.38
		For Drycooler, Add	*57,318.87*	
		Note: Installation is externally mounted.		
		For 10 HP Glycol Pump, Add	*21,500.00*	
		For Remote Pump Control Panel, Add	*7,630.00*	
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0044		Removal And Reinstallation Of Computer Room Unit *(23 81 23 12)*		
		Note: Includes storage and cleaning. Excludes main mechanical piping. Reconnection of existing valves are included.		
23 81 23 12-0045	EA	Removal And Reinstallation Up To 6 Ton, Floor Mounted Chilled Water Computer Room Unit	2,503.47	
23 81 23 12-0046	EA	Removal And Reinstallation Up To 6 Ton Direct Expansion Computer Room Unit	2,086.23	
23 81 23 13		**Computer-Room Air-Conditioners, Ceiling Mounted Units** *(23 81 23)*		
23 81 23 13-0001		Horizontal Indoor Single Package Cooling Unit *(23 81 23 13)*		
		Note: Carrier 50AH With indoor scroll compressor, plenum mounted.		
23 81 23 13-0002	EA	2 Ton Horizontal Indoor Single-Package Cooling Unit, 800 CFM Nominal	21,575.81	751.04
23 81 23 13-0003	EA	3 Ton Horizontal Indoor Single-Package Cooling Unit, 1,200 CFM Nominal	25,288.35	938.80
23 81 23 13-0004	EA	4 Ton Horizontal Indoor Single-Package Cooling Unit, 1,600 CFM Nominal	29,446.72	1,126.56
23 81 23 13-0005	EA	5 Ton Horizontal Indoor Single-Package Cooling Unit, 2,000 CFM Nominal	34,274.58	1,251.74
23 81 26		**Split-System Air-Conditioners** *(23 81)*		
23 81 26 13		**Small-Capacity Split-System Air-Conditioners** *(23 81 26)*		
23 81 26 13-0001		Split System A/C Unit *(23 81 26 13)*		
		See CSI section 23 23 16 00-0001 for piping.		
23 81 26 13-0002		Ductless Split System Air Conditioners *(23 81 26 13-0001)*		
		Note: Excludes refrigerant piping, electrical, and pad. Panasonic units or equal. See CSI section 23 81 49 00-0025 for ductless heat pumps.		
23 81 26 13-0003		Wall Mounted Ductless Split System Air Conditioners *(23 81 26 13-0002)*		
23 81 26 13-0004	EA	9,000 BTU, 16 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,635.92	413.07
23 81 26 13-0005	EA	11,900 BTU, 17 SEER, Wall Mounted Ductless Split System Air Conditioner Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,852.12	450.62
23 81 26 13-0006	EA	17,500 BTU, 20 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,573.17	500.70
23 81 26 13-0007	EA	24,200 BTU, 17 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,968.80	550.77
23 81 26 13-0008	EA	25,200 BTU, 14.9 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,150.56	600.83
23 81 26 13-0009	EA	29,800 BTU, 15 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	7,171.86	625.87
23 81 26 13-0010	EA	31,400 BTU, 15.9 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	7,871.71	667.17
23 81 26 13-0011		Dual and Tri Zone Wall Mounted Ductless Split System Air Conditioners *(23 81 26 13-0002)*		
		Note: Use this section only when matching indoor and outdoor capacity units are not used.		
23 81 26 13-0012	EA	7,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,132.86	200.28
23 81 26 13-0013	EA	9,000 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,196.70	212.80
23 81 26 13-0014	EA	11,900 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,261.66	225.32
23 81 26 13-0015	EA	17,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,428.75	237.83
23 81 26 13-0016	EA	24,200 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,528.49	250.35
23 81 26 13-0017	EA	19,700 BTU, 16.5 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes outdoor unit and refrigerant charge.	3,170.85	300.42
23 81 26 13-0018	EA	25,400 BTU, 16.2 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes outdoor unit and refrigerant charge.	3,508.36	325.45
23 81 26 13-0019	EA	30,600 BTU, 17.6 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes outdoor unit and refrigerant charge.	5,574.05	350.48
23 81 26 13-0020		Suspended Ceiling Mounted Ductless Split System Air Conditioners *(23 81 26 13-0002)*		
		Note: Excludes hangers.		
23 81 26 13-0021	EA	24,400 BTU, 14.5 SEER, Ceiling Suspended Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,591.95	600.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 13-0022	EA	31,200 BTU, 15.1 SEER, Ceiling Suspended Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	8,033.21	717.25
23 81 26 13-0023	EA	39,000 BTU, 15.6 SEER, Ceiling Suspended Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	9,823.42	751.04
23 81 26 13-0024		**Recessed Ceiling Mounted Ductless Split System Air Conditioners** *(23 81 26 13-0002)* Note: Excludes hangers.		
23 81 26 13-0025	EA	11,900 BTU, 16 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,027.66	500.70
23 81 26 13-0026	EA	17,500 BTU, 16 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,699.34	550.77
23 81 26 13-0027	EA	24,800 BTU, 14.1 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,548.79	650.90
23 81 26 13-0028	EA	32,600 BTU, 14.6 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	7,584.34	717.25
23 81 26 13-0029	EA	39,500 BTU, 14.6 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	9,598.99	751.04
23 81 26 13-0030		**Ductless Split System Accessories** *(23 81 26 13-0002)*		
23 81 26 13-0031	LF	3" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	14.97	1.79
23 81 26 13-0032	LF	4" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	19.33	1.97
23 81 26 13-0033	LF	6" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	24.13	2.17
23 81 26 13-0034	EA	3" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers	25.04	3.36
23 81 26 13-0035	EA	4" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers	43.43	3.70
23 81 26 13-0036	EA	6" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers	49.51	4.07
23 81 26 13-0037	EA	3" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	62.52	6.73
23 81 26 13-0038	EA	4" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	104.24	7.40
23 81 26 13-0039	EA	6" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	116.40	8.14
23 81 26 13-0040	EA	3" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	83.72	7.18
23 81 26 13-0041	EA	4" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	98.29	7.90
23 81 26 13-0042	EA	6" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	152.76	8.68
23 81 26 13-0043	EA	3" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	62.52	6.73
23 81 26 13-0044	EA	4" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	104.24	7.40
23 81 26 13-0045	EA	6" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	116.40	8.14
23 81 26 13-0046	EA	3" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	81.07	11.22
23 81 26 13-0047	EA	4" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	119.19	12.33
23 81 26 13-0048	EA	6" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	142.77	13.57
23 81 26 13-0049	EA	2-1/2" Wall Sleeve, Rigid Polyvinyl Chloride (PVC) Line Set Covers	46.45	2.24
23 81 26 13-0050	EA	3" x 20" Flexible Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	50.12	6.73
23 81 26 13-0051	EA	4" x 20' Flexible Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	81.92	7.40
23 81 26 13-0052	EA	3" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers	45.16	6.73
23 81 26 13-0053	EA	4" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers	62.08	7.40
23 81 26 13-0054	EA	6" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers	66.80	8.14
23 81 26 13-0055	EA	4" T Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	223.08	8.97
23 81 26 13-0056	EA	6" T Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	253.07	9.87
23 81 26 13-0057	EA	14" Condensing Unit Mounting Blocks With End Caps	136.63	33.65
23 81 26 13-0058	EA	17" Condensing Unit Mounting Blocks With End Caps	150.87	35.88
23 81 26 13-0059	EA	36" Condensing Unit Mounting Blocks With End Caps	207.26	38.12
23 81 26 13-0060	EA	End Cap, Set of 4	24.77	
23 81 26 13-0061	EA	18" Condensing Unit Type 2 Wall Bracket, 165 Lb. Capacity	290.79	67.28
23 81 26 13-0062	EA	21" Condensing Unit Type 2 Wall Bracket, 220 Lb. Capacity	308.62	71.77
23 81 26 13-0063	LF	5/8" ID Condensate Drain Line	3.29	0.18
23 81 26 13-0064	LF	3/4" ID Condensate Drain Line	3.41	0.18
23 81 26 13-0065		**Cased A/C Evaporator Coils** *(23 81 26 13-0001)*		
23 81 26 13-0066		**Vertical Cased A/C Evaporator Coils** *(23 81 26 13-0065)*		
23 81 26 13-0067	EA	1-1/2 Ton Vertical Cased A/C Evaporator Coil	954.13	124.69
23 81 26 13-0068	EA	2 Ton Vertical Cased A/C Evaporator Coil	992.56	134.04
23 81 26 13-0069	EA	2-1/2 Ton Vertical Cased A/C Evaporator Coil	1,191.68	143.39
23 81 26 13-0070	EA	3 Ton Vertical Cased A/C Evaporator Coil	1,365.45	152.75
23 81 26 13-0071	EA	3-1/2 Ton Vertical Cased A/C Evaporator Coil	1,592.16	158.98
23 81 26 13-0072	EA	4 Ton Vertical Cased A/C Evaporator Coil	1,785.06	165.21
23 81 26 13-0073	EA	4-1/2 Ton Vertical Cased A/C Evaporator Coil	1,917.11	177.69
23 81 26 13-0074	EA	5 Ton Vertical Cased A/C Evaporator Coil	1,924.57	187.04
23 81 26 13-0075		**"A" Style Horizontal Cased A/C Evaporator Coils** *(23 81 26 13-0065)*		
23 81 26 13-0076	EA	2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,185.89	127.81
23 81 26 13-0077	EA	2-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,372.14	134.98
23 81 26 13-0078	EA	3 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,579.48	143.39
23 81 26 13-0079	EA	3-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,636.18	148.57
23 81 26 13-0080	EA	4 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,712.79	155.86
23 81 26 13-0081	EA	4-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,729.16	163.96
23 81 26 13-0082	EA	5 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,745.21	172.07
23 81 26 13-0083		**Slab Style Horizontal Cased A/C Evaporator Coils** *(23 81 26 13-0065)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 13-0084	EA	2 Ton Slab Style Horizontal Cased A/C Evaporator Coil	1,025.21	127.81
23 81 26 13-0085	EA	3 Ton Slab Style Horizontal Cased A/C Evaporator Coil	1,238.37	143.39
23 81 26 13-0086	EA	4 Ton Slab Style Horizontal Cased A/C Evaporator Coil	1,436.52	155.86
23 81 26 13-0087	EA	5 Ton Slab Style Horizontal Cased A/C Evaporator Coil	1,742.40	172.07

23 81 26 16 Large-Capacity Split-System Air-Conditioners *(23 81 26)*

23 81 26 16-0001 Split System Air Conditioners, Variable Refrigerant Flow (Mitsubishi City Multi) *(23 81 26 16)*

23 81 26 16-0002 Outdoor Units *(23 81 26 16-0001)*

23 81 26 16-0003	EA	6 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P72YKMU-A)	19,867.40	657.16
23 81 26 16-0004	EA	8 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P96YKMU-A)	21,526.39	782.33
23 81 26 16-0005	EA	10 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P120YKMU-A)	24,223.17	938.80
23 81 26 16-0006	EA	12 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P144YKMU-A)	29,860.11	970.09
23 81 26 16-0007	EA	12 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P144YSKMU-A)	39,783.15	1,001.39
23 81 26 16-0008	EA	14 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P168YSKMU-A)	41,254.38	1,032.68
23 81 26 16-0009	EA	16 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P192YSKMU-A)	42,725.60	1,063.97
23 81 26 16-0010	EA	18 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P216YSKMU-A)	45,234.63	1,126.56
23 81 26 16-0011	EA	20 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P240YSKMU-A)	47,743.64	1,189.15
23 81 26 16-0012	EA	22 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P264YSKMU-A)	53,443.18	1,251.74
23 81 26 16-0013	EA	24 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P288YSKMU-A)	59,142.70	1,314.32

23 81 26 16-0014 Indoor Units *(23 81 26 16-0001)*

23 81 26 16-0015	EA	6 MBH Cooling, 6.7 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P06NBMU-E2)	2,032.16	203.41
23 81 26 16-0016	EA	8 MBH Cooling, 9 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P08NHMU-E2)	2,135.69	219.06
23 81 26 16-0017	EA	12 MBH Cooling, 13.5 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P12NHMU-E2)	2,227.19	234.70
23 81 26 16-0018	EA	15 MBH Cooling, 17 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P15NHMU-E2)	2,336.74	250.35
23 81 26 16-0019	EA	18 MBH Cooling, 20 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P18NHMU-E2)	2,526.94	297.29
23 81 26 16-0020	EA	24 MBH Cooling, 27 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P24NKMU-E2)	2,817.04	359.87
23 81 26 16-0021	EA	30 MBH Cooling, 34 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P30NKMU-E2)	3,051.80	391.16
23 81 26 16-0022	EA	6 MBH Cooling, 6.7 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P06NMAU-E3)	2,957.75	223.75
23 81 26 16-0023	EA	8 MBH Cooling, 9 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P08NMAU-E3)	3,058.39	240.96
23 81 26 16-0024	EA	12 MBH Cooling, 13.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P12NMAU-E3)	3,225.26	258.17
23 81 26 16-0025	EA	15 MBH Cooling, 17 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P15NMAU-E3)	3,500.48	275.38
23 81 26 16-0026	EA	18 MBH Cooling, 20 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P18NMAU-E3)	3,688.02	327.02
23 81 26 16-0027	EA	24 MBH Cooling, 27 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P24NMAU-E3)	4,042.42	395.86
23 81 26 16-0028	EA	27 MBH Cooling, 30 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P27NMAU-E3)	4,251.43	413.07
23 81 26 16-0029	EA	30 MBH Cooling, 34 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P30NMAU-E3)	4,484.50	430.28
23 81 26 16-0030	EA	36 MBH Cooling, 40 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P36NMAU-E3)	4,973.88	473.31
23 81 26 16-0031	EA	48 MBH Cooling, 54 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P48NMAU-E3)	5,514.02	520.64
23 81 26 16-0032	EA	54 MBH Cooling, 60 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P54NMAU-E3)	5,967.29	572.71
23 81 26 16-0033	EA	72 MBH Cooling, 80 MBH Heating Ceiling Concealed High Static Ducted Indoor Unit (Mitsubishi PEFY-P72NMHSU-E)	7,580.77	629.98
23 81 26 16-0034	EA	96 MBH Cooling, 108 MBH Heating Ceiling Concealed High Static Ducted Indoor Unit (Mitsubishi PEFY-P96NMHSU-E)	8,609.74	692.97
23 81 26 16-0035	EA	12 MBH Cooling, 13.5 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP12NEMU-E)	3,361.31	258.17
23 81 26 16-0036	EA	15 MBH Cooling, 17 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP15NEMU-E)	3,543.82	275.38
23 81 26 16-0037	EA	18 MBH Cooling, 20 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP18NEMU-E)	3,734.97	327.02
23 81 26 16-0038	EA	24 MBH Cooling, 27 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP24NEMU-E)	4,182.08	395.86
23 81 26 16-0039	EA	30 MBH Cooling, 34 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP30NEMU-E)	4,504.97	430.28
23 81 26 16-0040	EA	36 MBH Cooling, 40 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP36NEMU-E)	5,521.68	473.32
23 81 26 16-0041	EA	6 MBH Cooling, 6.7 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P06NBMU-ER5)	3,023.97	223.75
23 81 26 16-0042	EA	8 MBH Cooling, 9 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P08NBMU-ER5)	3,178.79	240.96
23 81 26 16-0043	EA	12 MBH Cooling, 13.5 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P12NBMU-ER5)	3,417.89	258.17
23 81 26 16-0044	EA	15 MBH Cooling, 17 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P15NBMU-ER5)	3,596.80	275.38
23 81 26 16-0045	EA	8 MBH Cooling, 9 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P08NCMU-ER4)	2,793.52	240.96
23 81 26 16-0046	EA	12 MBH Cooling, 13.5 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P12NCMU-ER4)	2,936.31	258.17
23 81 26 16-0047	EA	15 MBH Cooling, 17 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P15NCMU-ER4)	3,085.11	275.38

23 81 26 16-0048 Controllers For Outdoor Units *(23 81 26 16-0001)*

23 81 26 16-0049	EA	8 Branch (Main BC) (Mitsubishi CMB-P108NU-HA1)	10,789.81	187.76
23 81 26 16-0050	EA	10 Branch (Main BC) (Mitsubishi CMB-P1010NU-HA1)	12,477.74	219.06
23 81 26 16-0051	EA	13 Branch (Main BC) (Mitsubishi CMB-P1013NU-GA)	13,786.44	250.35
23 81 26 16-0052	EA	16 Branch (Main BC) (Mitsubishi CMB-P1016NU-HA)	16,365.30	281.64
23 81 26 16-0053	EA	4 Branch (Sub BC) (Mitsubishi CMB-P104NU-GB)	6,011.32	125.17
23 81 26 16-0054	EA	8 Branch (Sub BC) (Mitsubishi CMB-P108NU-GB)	9,260.77	187.76
23 81 26 16-0055	EA	16 Branch (Sub BC) (Mitsubishi CMB-P1016NU-HB)	14,156.03	281.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 16-0056		**Energy Recovery Units** *(23 81 26 16-0001)*		
23 81 26 16-0057	EA	36.2 MBH Cooling, 39.9 MBH Heating Hydronic Heat Exchanger Auxiliary Unit (Mitsubishi PWFY-P36NMU-E2-AU)	7,623.38	187.76
23 81 26 16-0058	EA	39.9 MBH Hydronic Heat Exchanger Booster Unit (Mitsubishi PWFY-P36NMU-E-BU)	14,461.90	187.76
23 81 26 16-0059	EA	112 MBH Cooling, 61.4 MBH Heating Reheat Unit (Mitsubishi PEFY-AF1200CFMR)	14,662.93	219.06
23 81 26 16-0060	EA	Lossnay Energy Recovery Ventilator ERV, 300 CFM (Mitsubishi LGH-F300RX5-E)	3,021.85	156.46
23 81 26 16-0061	EA	Lossnay Energy Recovery Ventilator ERV, 470 CFM (Mitsubishi LGH-F470RX5-E)	3,859.08	162.72
23 81 26 16-0062	EA	Lossnay Energy Recovery Ventilator ERV, 600 CFM (Mitsubishi LGH-F600RX5-E)	4,606.02	168.99
23 81 26 16-0063	EA	Lossnay Energy Recovery Ventilator ERV, 1,200 CFM (Mitsubishi LGH-F1200RX5-E1)	8,424.02	187.76
23 81 26 16-0064		**Piping Specialties** *(23 81 26 16-0001)*		
23 81 26 16-0065	EA	Maintenance Tool Interface (Mitsubishi CMS-MNG-E)	1,071.53	
23 81 26 16-0066	EA	Branch Joint (Mitsubishi CMY-Y102SS-G2)	274.07	47.36
23 81 26 16-0067	EA	Branch Joint (Mitsubishi CMY-Y102LS-G2)	274.07	47.36
23 81 26 16-0068	EA	Branch Joint (Mitsubishi CMY-Y202S-G2)	304.38	49.86
23 81 26 16-0069	EA	Branch Joint (Mitsubishi CMY-Y302S-G2)	383.07	56.09
23 81 26 16-0070	EA	Header - 4 Branch (Mitsubishi CMY-Y64-G-E)	499.15	81.01
23 81 26 16-0071	EA	Header - 8 Branch (Mitsubishi CMY-Y68-G-E)	841.77	162.04
23 81 26 16-0072	EA	Refrigeration Ball Valve-Flare/Schrader/Insulated - 3/8" (Mitsubishi BV38FFSI)	154.26	19.95
23 81 26 16-0073	EA	Refrigeration Ball Valve-Flare/Schrader/Insulated - 5/8" (Mitsubishi BV58FFSI)	172.83	27.42
23 81 26 16-0074		**Split System Air Conditioners (Daikin VRV)** *(23 81 26 16)*		
23 81 26 16-0075		**Heat Pump Outdoor Units** *(23 81 26 16-0074)*		
23 81 26 16-0076	EA	6 Ton Heat Pump Outdoor Unit (Daikin)	26,911.98	657.16
23 81 26 16-0077	EA	8 Ton Heat Pump Outdoor Unit (Daikin)	30,081.36	782.33
23 81 26 16-0078	EA	10 Ton Heat Pump Outdoor Unit (Daikin)	33,537.86	938.80
23 81 26 16-0079	EA	12 Ton Heat Pump Outdoor Unit (Daikin)	41,908.46	970.09
23 81 26 16-0080	EA	14 Ton Heat Pump Outdoor Unit (Daikin)	56,179.71	1,032.68
23 81 26 16-0081	EA	16 Ton Heat Pump Outdoor Unit (Daikin)	59,385.86	1,063.97
23 81 26 16-0082	EA	18 Ton Heat Pump Outdoor Unit (Daikin)	62,430.07	1,126.56
23 81 26 16-0083	EA	20 Ton Heat Pump Outdoor Unit (Daikin)	65,698.81	1,189.15
23 81 26 16-0084	EA	22 Ton Heat Pump Outdoor Unit (Daikin)	85,134.51	1,251.74
23 81 26 16-0085	EA	24 Ton Heat Pump Outdoor Unit (Daikin)	88,403.25	1,314.32
23 81 26 16-0086	EA	26 Ton Heat Pump Outdoor Unit (Daikin)	91,671.99	1,376.91
23 81 26 16-0087	EA	28 Ton Heat Pump Outdoor Unit (Daikin)	94,716.20	1,439.49
23 81 26 16-0088	EA	30 Ton Heat Pump Outdoor Unit (Daikin)	97,984.94	1,502.08
23 81 26 16-0089		**Heat Recovery Heat Pump Outdoor Units** *(23 81 26 16-0074)*		
23 81 26 16-0090	EA	6 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin)	34,464.04	854.31
23 81 26 16-0091	EA	8 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin)	37,583.55	1,017.03
23 81 26 16-0092	EA	10 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin)	41,286.45	1,220.44
23 81 26 16-0093	EA	12 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin)	51,921.24	1,261.12
23 81 26 16-0094	EA	14 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin)	70,271.77	1,342.48
23 81 26 16-0095	EA	16 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin)	75,742.11	1,383.16
23 81 26 16-0096	EA	18 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin)	78,599.33	1,464.52
23 81 26 16-0097	EA	20 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin)	81,456.54	1,545.89
23 81 26 16-0098	EA	22 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin)	107,329.20	1,627.25
23 81 26 16-0099	EA	24 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin)	110,186.41	1,708.61
23 81 26 16-0100	EA	26 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin)	115,738.12	1,789.97
23 81 26 16-0101	EA	28 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin)	118,595.33	1,871.34
23 81 26 16-0102		**Indoor Units** *(23 81 26 16-0074)*		
23 81 26 16-0103	EA	7.5 MBH Cooling, 8.5 MBH Heating Wall Mounted Indoor Unit (Daikin)	3,064.80	219.06
23 81 26 16-0104	EA	9.5 MBH Cooling, 10.5 MBH Heating Wall Mounted Indoor Unit (Daikin)	3,202.30	225.32
23 81 26 16-0105	EA	12 MBH Cooling, 13.5 MBH Heating Wall Mounted Indoor Unit (Daikin)	3,625.68	234.70
23 81 26 16-0106	EA	18 MBH Cooling, 20 MBH Heating Wall Mounted Indoor Unit (Daikin)	4,060.14	297.29
23 81 26 16-0107	EA	24 MBH Cooling, 26.5 MBH Heating Wall Mounted Indoor Unit (Daikin)	4,452.20	359.87
23 81 26 16-0108	EA	7.5 MBH Cooling, 8.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin)	4,498.23	240.96
23 81 26 16-0109	EA	9.5 MBH Cooling, 10.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin)	4,649.69	247.84
23 81 26 16-0110	EA	12 MBH Cooling, 13.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin)	4,884.30	137.69
23 81 26 16-0111	EA	18 MBH Cooling, 20 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin)	5,180.86	327.02
23 81 26 16-0112	EA	24 MBH Cooling, 27 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin)	6,138.33	395.86
23 81 26 16-0113	EA	30 MBH Cooling, 34 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin)	7,022.73	430.28
23 81 26 16-0114	EA	36 MBH Cooling, 40 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin)	7,502.79	473.31
23 81 26 16-0115	EA	48 MBH Cooling, 54 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin)	7,756.33	520.64
23 81 26 16-0116	EA	7.5 MBH Cooling, 8.7 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin)	5,036.28	240.96
23 81 26 16-0117	EA	9.5 MBH Cooling, 11.1 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin)	5,155.96	247.84
23 81 26 16-0118	EA	12 MBH Cooling, 14 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin)	5,483.78	258.17
23 81 26 16-0119	EA	18 MBH Cooling, 21 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin)	5,843.89	327.02
23 81 26 16-0120		**Branch Selector Boxes** *(23 81 26 16-0074)*		
23 81 26 16-0121	EA	144 MBH, 4 Branch, Multi Port Branch Selector Box (Daikin)	15,382.98	281.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 16-0122	EA	216 MBH, 6 Branch, Multi Port Branch Selector Box (Daikin)	22,756.04	375.52
23 81 26 16-0123	EA	36 MBH, 4 Branch, Single Port Branch Selector Box (Daikin)	3,025.34	125.17
23 81 26 16-0124	EA	60 MBH, 8 Branch, Single Port Branch Selector Box (Daikin)	4,076.21	187.76
23 81 26 16-0125	EA	96 MBH, 8 Branch, Single Port Branch Selector Box (Daikin)	5,054.10	281.64
23 81 26 16-0126		Controllers *(23 81 26 16-0074)*		
23 81 26 16-0127	EA	Up To 16 Units, Navigation Controller (Daikin)	938.80	25.03
23 81 26 16-0128	EA	Individual Zone Controller (Daikin)	676.13	25.03
23 81 26 16-0129	EA	Up To 16 Groups, Unified ON/OFF Controller (Daikin)	1,317.98	25.03
23 81 26 16-0130	EA	Up To 64 Units, Multizone Controller (Daikin)	1,849.67	25.03
23 81 26 16-0131	EA	I-Touch Manager Replaced Both Daikin IMP-128 thru 1024 and DCS601C71 (Daikin)	17,196.84	300.42
23 81 26 16-0132	EA	I-Touch Manager D3net Plus Adapter (Daikin)	3,215.98	25.03
23 81 26 16-0133	EA	24 Volt AC, Wired Thermostat For Split A/C Systems (Daikin)	705.96	44.18
23 81 26 16-0134		Energy Recovery Units *(23 81 26 16-0074)*		
23 81 26 16-0135	EA	300 CFM Energy Recovery Unit (Daikin)	5,310.02	156.46
23 81 26 16-0136	EA	470 CFM Energy Recovery Unit (Daikin)	6,894.33	162.72
23 81 26 16-0137	EA	600 CFM Energy Recovery Unit (Daikin)	8,254.09	168.99
23 81 26 16-0138	EA	1,200 CFM Energy Recovery Unit (Daikin)	15,419.76	187.76

23 81 43 Air-Source Unitary Heat Pumps *(23 81)*

23 81 43 00-0001 Single Package Thru-Wall Heat Pumps *(23 81 43)*

Note: Air-to-air type with electric heat. Includes throwaway filters. Through the wall units are wired for 230/208 Volt, 1 phase, 60 HZ. With electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls all mounted in a steel cabinet, wall sleeve and outdoor grille. Excludes crane and associated personnel. See CSI section 01 22 23 00-0846 for crane lifting equipment.

23 81 43 00-0002	EA	1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	2,349.41	203.54
		For Unit Economizer, Add	*313.18*	
		For >35 To 70, Deduct	*-58.68*	
		For >70 To 100, Deduct	*-97.80*	
		For >100, Deduct	*-136.91*	
		For Low Ambient Protection, 0 Degree F, Add	*274.41*	
23 81 43 00-0003	EA	1 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	2,593.88	217.11
		For Unit Economizer, Add	*346.32*	
		For >35 To 70, Deduct	*-65.20*	
		For >70 To 100, Deduct	*-108.66*	
		For >100, Deduct	*-152.13*	
		For Low Ambient Protection, 0 Degree F, Add	*300.75*	
23 81 43 00-0004	EA	1-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	4,419.38	217.11
		For Unit Economizer, Add	*601.89*	
		For >35 To 70, Deduct	*-119.96*	
		For >70 To 100, Deduct	*-199.94*	
		For >100, Deduct	*-279.91*	
		For Low Ambient Protection, 0 Degree F, Add	*465.05*	
23 81 43 00-0005	EA	2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	4,837.71	217.11
		For Unit Economizer, Add	*659.37*	
		For >35 To 70, Deduct	*-131.70*	
		For >70 To 100, Deduct	*-219.50*	
		For >100, Deduct	*-307.29*	
		For Low Ambient Protection, 0 Degree F, Add	*243.65*	
23 81 43 00-0006	EA	2-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	5,473.35	230.68
		For Unit Economizer, Add	*747.27*	
		For >35 To 70, Deduct	*-149.95*	
		For >70 To 100, Deduct	*-249.92*	
		For >100, Deduct	*-349.89*	
		For Low Ambient Protection, 0 Degree F, Add	*268.69*	
23 81 43 00-0007	EA	3 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	5,734.14	244.25
		For Unit Economizer, Add	*783.78*	
		For >35 To 70, Deduct	*-157.78*	
		For >70 To 100, Deduct	*-262.96*	
		For >100, Deduct	*-368.14*	
		For Low Ambient Protection, 0 Degree F, Add	*802.43*	
23 81 43 00-0008	EA	3-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	6,456.71	244.25
		For Unit Economizer, Add	*883.86*	
		For >35 To 70, Deduct	*-178.64*	
		For >70 To 100, Deduct	*-297.73*	
		For >100, Deduct	*-416.82*	
		For Low Ambient Protection, 0 Degree F, Add	*899.62*	
23 81 43 00-0009	EA	4 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	7,122.25	257.81
		For Unit Economizer, Add	*976.49*	
		For >35 To 70, Deduct	*-198.20*	
		For >70 To 100, Deduct	*-330.33*	
		For >100, Deduct	*-462.46*	
		For Low Ambient Protection, 0 Degree F, Add	*987.77*	
23 81 43 00-0010	EA	5 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	8,203.34	298.52
		For Unit Economizer, Add	*1,124.59*	
		For >35 To 70, Deduct	*-228.19*	
		For >70 To 100, Deduct	*-380.31*	
		For >100, Deduct	*-532.44*	
		For Low Ambient Protection, 0 Degree F, Add	*1,138.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 43 00-0011	EA	7-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	15,019.00	352.80
		For Unit Economizer, Add	*2,073.89*	
		For >35 To 70, Deduct	*-428.99*	
		For >70 To 100, Deduct	*-714.99*	
		For >100, Deduct	*-1,000.99*	
		For Low Ambient Protection, 0 Degree F, Add	*2,038.77*	
23 81 43 00-0012	EA	10 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	19,338.10	447.79
		For Unit Economizer, Add	*2,670.97*	
		For >35 To 70, Deduct	*-552.87*	
		For >70 To 100, Deduct	*-921.45*	
		For >100, Deduct	*-1,290.03*	
		For Low Ambient Protection, 0 Degree F, Add	*411.58*	
23 81 43 00-0013	EA	12-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	23,605.67	502.07
		For Unit Economizer, Add	*3,264.63*	
		For >35 To 70, Deduct	*-678.05*	
		For >70 To 100, Deduct	*-1,130.08*	
		For >100, Deduct	*-1,582.11*	
		For Low Ambient Protection, 0 Degree F, Add	*477.05*	
23 81 43 00-0014	EA	15 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	29,117.40	569.91
		For Unit Economizer, Add	*4,031.39*	
		For >35 To 70, Deduct	*-839.73*	
		For >70 To 100, Deduct	*-1,399.56*	
		For >100, Deduct	*-1,959.38*	
		For Low Ambient Protection, 0 Degree F, Add	*561.48*	
23 81 43 00-0015	EA	20 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	38,774.58	610.62
		For Unit Economizer, Add	*5,379.59*	
		For >35 To 70, Deduct	*-1,126.60*	
		For >70 To 100, Deduct	*-1,877.67*	
		For >100, Deduct	*-2,628.73*	
		For Low Ambient Protection, 0 Degree F, Add	*680.85*	
23 81 43 00-0016	EA	25 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	46,706.75	664.90
		For Unit Economizer, Add	*6,485.75*	
		For >35 To 70, Deduct	*-1,361.31*	
		For >70 To 100, Deduct	*-2,268.85*	
		For >100, Deduct	*-3,176.39*	
		For Low Ambient Protection, 0 Degree F, Add	*786.22*	

23 81 43 00-0017 Single Package Vertical Wall Heat Pumps *(23 81 43)*

Note: Air-to-air type with electric heat. Includes throwaway filters. Wall units are wired for 230/208 Volt, 1 phase, 60 HZ. With solid state electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls, insulated steel cabinet, with wall sleeve and outdoor grille and stainless steel drain pan. Excludes crane and associated personnel. See CSI section 01 22 23 00-0846 for crane lifting equipment.

23 81 43 00-0018	EA	1/2 Ton Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	3,608.61	271.39
23 81 43 00-0019	EA	1 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	4,374.89	298.52
23 81 43 00-0020	EA	1-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	5,650.36	312.10
23 81 43 00-0021	EA	2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	6,476.64	339.23
23 81 43 00-0022	EA	2-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	8,096.32	393.51
23 81 43 00-0023	EA	3 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	8,651.22	447.79
23 81 43 00-0024	EA	3-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	9,397.51	502.07
23 81 43 00-0025	EA	4 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	10,573.72	556.35
23 81 43 00-0026	EA	5 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	11,924.18	664.90

23 81 43 00-0027 Heat Pump, Room Air-Conditioners *(23 81 43)*

Note: Includes throwaway filters and supplemental heat.

23 81 43 00-0028 Heat Pump, Window Unit, Room Air-Conditioners *(23 81 43 00-0027)*

23 81 43 00-0029 Heat Pump, Window Unit, Room Air-Conditioners (Friedrich) *(23 81 43 00-0028)*

23 81 43 00-0030	EA	10,000 BTU, 10.9 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YS10N10C)	1,766.54	131.43
		For >10 To 50, Deduct	*-75.18*	
		For >50 To 75, Deduct	*-105.26*	
		For >75 To 100, Deduct	*-150.37*	
		For >100, Deduct	*-180.44*	
23 81 43 00-0031	EA	12,000 BTU, 10.9 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YS12N33C)	1,983.24	131.43
		For >10 To 50, Deduct	*-86.02*	
		For >50 To 75, Deduct	*-120.43*	
		For >75 To 100, Deduct	*-172.04*	
		For >100, Deduct	*-206.44*	
23 81 43 00-0032	EA	17,500 BTU, 10.9 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich KHM18A34A)	2,308.30	131.43
		For >10 To 50, Deduct	*-102.27*	
		For >50 To 75, Deduct	*-143.18*	
		For >75 To 100, Deduct	*-204.54*	
		For >100, Deduct	*-245.45*	
23 81 43 00-0033	EA	24,000 BTU, 10.3 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YL24N35D)	2,669.47	131.43
		For >10 To 50, Deduct	*-120.33*	
		For >50 To 75, Deduct	*-168.46*	
		For >75 To 100, Deduct	*-240.66*	
		For >100, Deduct	*-288.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 43 00-0034		Heat Pump, Through-The-Wall, Room Air-Conditioners *(23 81 43 00-0027)* Note: Base unit excludes wall sleeve.		
23 81 43 00-0035		Heat Pump, Through-The-Wall, Room Air-Conditioners (Friedrich) *(23 81 43 00-0034)*		
23 81 43 00-0036	EA	9,300 BTU, 9.8 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich WY09C33D)	1,751.63	93.88
		For >10 To 50, Deduct	*-78.19*	
		For >50 To 75, Deduct	*-109.47*	
		For >75 To 100, Deduct	*-156.39*	
		For >100, Deduct	*-187.66*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*389.07*	
23 81 43 00-0037	EA	11,300 BTU, 9.3 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich WY12D33A)	1,751.63	93.88
		For >10 To 50, Deduct	*-78.19*	
		For >50 To 75, Deduct	*-109.47*	
		For >75 To 100, Deduct	*-156.39*	
		For >100, Deduct	*-187.66*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*389.07*	
23 81 46		**Water-Source Unitary Heat Pumps** *(23 81)*		
23 81 46 00-0001		Horizontal, Ceiling Mounted, Single Stage, 208/230-1-60, With 2-Way Solenoid Valve, Water Source Heat Pumps *(23 81 46)* Note: Includes rubber isolator hanger brackets.		
23 81 46 00-0002	EA	1/2 Ton, 300 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	5,406.23	249.38
23 81 46 00-0003	EA	3/4 Ton, 300 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	5,586.50	249.38
23 81 46 00-0004	EA	1 Ton, 400 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	6,473.65	274.32
23 81 46 00-0005	EA	1-1/2 Ton, 630 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	6,807.96	299.25
23 81 46 00-0006	EA	2 Ton, 800 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	7,298.50	324.19
23 81 46 00-0007	EA	2-1/2 Ton, 1,000 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	8,630.33	349.13
23 81 46 00-0008	EA	3 Ton, 1,200 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	8,800.38	374.07
23 81 46 00-0009	EA	3-1/2 Ton, 1,400 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	9,611.42	399.01
23 81 46 00-0010	EA	4 Ton, 1,600 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	10,262.20	423.95
23 81 46 00-0011	EA	5 Ton, 2,000 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	10,412.23	448.89
23 81 49		**Split System Heat Pumps** *(23 81)*		
23 81 49 00-0001		Split System Heat Pump *(23 81 49)* See CSI section 23 23 16 00-0001 for piping.		
23 81 49 00-0002		Air-Cooled, Outdoor Section *(23 81 49 00-0001)* Note: Includes 20' length of piping (liquid line and insulated suction line). Excludes additional piping.		
23 81 49 00-0003	EA	1.5 Ton, 14 SEER, Outdoor Heat Pump Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	5,062.39	403.01
		For Low Ambient Protection, 0 Degree F, Add	*909.46*	
		For Winterstart Control, Add	*239.13*	
		For 15 SEER, Add	*801.32*	
		For 16 SEER, Add	*1,291.01*	
		For 18 SEER, Add	*1,958.78*	
23 81 49 00-0004	EA	2 Ton, 14 SEER, Outdoor Heat Pump Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	5,217.00	447.79
		For Low Ambient Protection, 0 Degree F, Add	*941.17*	
		For Winterstart Control, Add	*249.39*	
		For 15 SEER, Add	*816.94*	
		For 16 SEER, Add	*1,316.17*	
		For 18 SEER, Add	*1,996.95*	
23 81 49 00-0005	EA	2.5 Ton, 14 SEER, Outdoor Heat Pump Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	5,696.53	519.70
		For Low Ambient Protection, 0 Degree F, Add	*1,031.37*	
		For Winterstart Control, Add	*275.08*	
		For 15 SEER, Add	*883.71*	
		For 16 SEER, Add	*1,423.76*	
		For 18 SEER, Add	*2,160.18*	
23 81 49 00-0006	EA	3 Ton, 14 SEER, Outdoor Heat Pump Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	6,215.09	597.05
		For Low Ambient Protection, 0 Degree F, Add	*863.42*	
		For Winterstart Control, Add	*302.88*	
		For 15 SEER, Add	*955.88*	
		For 16 SEER, Add	*1,540.02*	
		For 18 SEER, Add	*2,336.58*	
23 81 49 00-0007	EA	3.5 Ton, 14 SEER, Outdoor Heat Pump Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	6,411.36	620.13
		For Low Ambient Protection, 0 Degree F, Add	*891.48*	
		For Winterstart Control, Add	*312.82*	
		For 15 SEER, Add	*984.95*	
		For 16 SEER, Add	*1,586.87*	
		For 18 SEER, Add	*2,407.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 49 00-0008	EA	4 Ton, 14 SEER, Outdoor Heat Pump Unit	7,123.93	712.39
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*987.17*	
		For Winterstart Control, Add	*346.02*	
		For 15 SEER, Add	*1,099.12*	
		For 16 SEER, Add	*1,770.81*	
		For 18 SEER, Add	*2,686.74*	
23 81 49 00-0009	EA	5 Ton, 14 SEER, Outdoor Heat Pump Unit	8,114.27	783.63
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*629.61*	
		For Winterstart Control, Add	*181.90*	
		For 15 SEER, Add	*1,259.06*	
		For 16 SEER, Add	*2,028.49*	
		For 18 SEER, Add	*3,077.71*	
23 81 49 00-0010	EA	7.5 Ton, 11.5 EER, Outdoor Heat Pump Unit	7,978.29	876.22
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*649.26*	
		For Winterstart Control, Add	*192.44*	
23 81 49 00-0011	EA	10 Ton, 11.1 EER, Outdoor Heat Pump Unit	11,027.00	1,051.45
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*456.72*	
		For Winterstart Control, Add	*245.67*	
23 81 49 00-0012	EA	15 Ton, 10.9 EER, Outdoor Heat Pump Unit	14,494.65	1,226.70
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*517.66*	
		For Winterstart Control, Add	*302.29*	
23 81 49 00-0013	EA	20 Ton, 10.3 EER, Outdoor Heat Pump Unit	25,993.57	1,314.32
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*549.91*	
		For Winterstart Control, Add	*428.89*	

23 81 49 00-0014 Indoor Section, Horizontal - Upflow Including Throwaway Filters *(23 81 49 00-0001)*

23 81 49 00-0015	EA	2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,382.30	133.94
		For Additional 5 KW Electric Heat, Add	*124.77*	
23 81 49 00-0016	EA	2-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,525.58	166.85
		For Additional 5 KW Electric Heat, Add	*135.87*	
23 81 49 00-0017	EA	3 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,595.57	201.53
		For Additional 5 KW Electric Heat, Add	*139.37*	
23 81 49 00-0018	EA	3-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	2,147.06	235.96
		For Additional 5 KW Electric Heat, Add	*191.09*	
23 81 49 00-0019	EA	4 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat	2,207.36	266.00
		For Additional 5 KW Electric Heat, Add	*194.10*	
23 81 49 00-0020	EA	5 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat	2,449.46	305.42
		For Additional 5 KW Electric Heat, Add	*214.42*	
23 81 49 00-0021	EA	7-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat	5,212.03	500.70
		For Additional 5 KW Electric Heat, Add	*471.13*	
23 81 49 00-0022	EA	10 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15 kW Electric Heat	7,667.17	563.28
		For Additional 5 KW Electric Heat, Add	*710.39*	
23 81 49 00-0023	EA	15 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15KW Electric Heat	10,740.20	625.87
		For Additional 5 KW Electric Heat, Add	*1,011.43*	
23 81 49 00-0024	EA	20 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15 KW Electric Heat	12,210.85	751.04
		For Additional 5 KW Electric Heat, Add	*1,145.97*	

23 81 49 00-0025 Ductless Split System Heat Pumps *(23 81 49 00-0001)*

Note: Excludes refrigerant piping, electrical, and pad. Sanyo units or equal. See CSI section 23 81 26 13-0030 for accessories.

23 81 49 00-0026 Wall Mounted Ductless Split System Heat Pumps *(23 81 49 00-0025)*

23 81 49 00-0027	EA	9,000 BTU Cooling, 12,200 BTU Heating, 16 SEER, Wall Mounted Ductless Split System Heat Pumps	2,860.36	413.07
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0028	EA	11,900 BTU Cooling, 13,300 BTU Heating, 17 SEER, Wall Mounted Ductless Split System Heat Pumps	3,159.60	450.62
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0029	EA	17,500 BTU Cooling, 20,400 BTU Heating, 20 SEER, Wall Mounted Ductless Split System Heat Pumps	3,860.45	500.70
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0030	EA	24,200 BTU Cooling, 29,000 BTU Heating, 17 SEER, Wall Mounted Ductless Split System Heat Pumps	4,445.73	550.77
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0031	EA	25,200 BTU Cooling, 29,200 BTU Heating, 14.9 SEER, Wall Mounted Ductless Split System Heat Pumps	6,329.36	600.83
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0032	EA	29,800 BTU Cooling, 34,800 BTU Heating, 15 SEER, Wall Mounted Ductless Split System Heat Pumps	7,342.43	625.87
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0033	EA	31,400 BTU Cooling, 36,400 BTU Heating, 15.9 SEER, Wall Mounted Ductless Split System Heat Pumps	8,056.87	667.17
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		

23 81 49 00-0034 Dual and Tri Zone Wall Mounted Ductless Split System Heat Pumps *(23 81 49 00-0025)*

Note: Use this section only when matching indoor and outdoor capacity units are not used.

23 81 49 00-0035	EA	7,500 BTU Cooling, 8,500 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps	1,182.24	200.28
		Note: Includes indoor unit and wireless thermostat.		
23 81 49 00-0036	EA	9,000 BTU Cooling, 12,200 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps	1,247.19	212.80
		Note: Includes indoor unit and wireless thermostat.		
23 81 49 00-0037	EA	11,900 BTU Cooling, 14,300 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps	1,313.28	225.32
		Note: Includes indoor unit and wireless thermostat.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 49 00-0038	EA	17,500 BTU Cooling, 20,400 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit and wireless thermostat.	1,497.20	237.83
23 81 49 00-0039	EA	24,200 BTU Cooling, 29,000 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit and wireless thermostat.	1,595.82	250.35
23 81 49 00-0040	EA	19,700 BTU Cooling, 24,800 BTU Heating, 16.4 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes outdoor unit and refrigerant charge.	3,586.06	300.42
23 81 49 00-0041	EA	23,200 BTU Cooling, 29,200 BTU Heating, 16.5 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes outdoor unit and refrigerant charge.	4,254.62	325.45
23 81 49 00-0042	EA	30,600 BTU Cooling, 32,000 BTU Heating, 17.2 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes outdoor unit and refrigerant charge.	6,928.53	350.48
23 81 49 00-0043		Suspended Ceiling Mounted Ductless Split System Heat Pumps *(23 81 49 00-0025)* Note: Excludes hangers.		
23 81 49 00-0044	EA	24,400 BTU Cooling, 30,800 BTU Heating, 14.5 SEER, Ceiling Suspended Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,771.50	600.83
23 81 49 00-0045	EA	31,200 BTU Cooling, 37,400 BTU Heating, 15.1 SEER, Ceiling Suspended Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	8,218.37	717.25
23 81 49 00-0046	EA	39,000 BTU Cooling, 44,500 BTU Heating, 15.6 SEER, Ceiling Suspended Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	9,935.64	751.04
23 81 49 00-0047		Recessed Ceiling Mounted Ductless Split System Heat Pumps *(23 81 49 00-0025)* Note: Excludes hangers.		
23 81 49 00-0048	EA	11,900 BTU Cooling, 13,600 BTU Heating, 16 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,476.53	500.70
23 81 49 00-0049	EA	17,500 BTU Cooling, 20,400 BTU Heating, 16 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,077.51	550.77
23 81 49 00-0050	EA	24,800 BTU Cooling, 29,800 BTU Heating, 14.1 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,728.34	650.90
23 81 49 00-0051	EA	32,600 BTU Cooling, 37,600 BTU Heating, 14.6 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	7,769.50	717.25
23 81 49 00-0052	EA	39,500 BTU Cooling, 48,000 BTU Heating, 14.6 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	9,711.20	751.04

23 82 Convection Heating and Cooling Units *(23 80)*

23 82 16 Air Coils *(23 82)*

23 82 16 11 Hydronic Air Coils *(23 82 16)*

23 82 16 11-0001		Chilled Water Cooling Coils *(23 82 16 11)* Note: Flanged construction, 16 gauge galvanized steel casing.		
23 82 16 11-0002		2 Row Chilled Water Cooling Coils *(23 82 16 11-0001)*		
23 82 16 11-0003	EA	12" x 12" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,122.97	62.35
23 82 16 11-0004	EA	12" x 24" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,535.54	84.79
23 82 16 11-0005	EA	24" x 30" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,747.17	133.42
23 82 16 11-0006	EA	24" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,714.87	190.77
23 82 16 11-0007	EA	30" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,045.47	234.42
23 82 16 11-0008	EA	30" x 60" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,752.52	284.29
23 82 16 11-0009	EA	30" x 72" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	7,219.31	329.18
23 82 16 11-0010	EA	30" x 84" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	7,793.14	581.55
23 82 16 11-0011	EA	34" x 32" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,877.85	221.08
23 82 16 11-0012	EA	34" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,229.81	376.44
23 82 16 11-0013	EA	34" x 60" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,963.05	467.59
23 82 16 11-0014	EA	34" x 72" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	7,609.57	564.72
23 82 16 11-0015	EA	34" x 84" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	8,295.62	657.61
23 82 16 11-0016	SF	>20 SF, Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	418.27	33.15
23 82 16 11-0017		4 Row Chilled Water Cooling Coils *(23 82 16 11-0001)*		
23 82 16 11-0018	EA	12" x 12" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,629.73	129.68
23 82 16 11-0019	EA	12" x 24" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,243.15	187.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 11-0020	EA	24" x 30" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,758.37	311.73
23 82 16 11-0021	EA	24" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	7,006.54	462.60
23 82 16 11-0022	EA	30" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	8,085.45	567.34
23 82 16 11-0023	EA	30" x 60" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	9,601.33	693.27
23 82 16 11-0024	EA	30" x 72" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	10,668.40	831.68
23 82 16 11-0025	EA	30" x 84" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	10,359.92	968.09
23 82 16 11-0026	EA	34" x 32" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,602.15	417.84
23 82 16 11-0027	EA	34" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	8,376.88	628.44
23 82 16 11-0028	EA	34" x 60" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	9,265.53	779.31
23 82 16 11-0029	EA	34" x 72" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	10,302.06	938.92
23 82 16 11-0030	EA	34" x 84" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	11,269.67	1,097.65
23 82 16 11-0031		6 Row Chilled Water Cooling Coils *(23 82 16 11-0001)*		
23 82 16 11-0032	EA	12" x 12" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,725.09	164.59
23 82 16 11-0033	EA	12" x 24" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,359.92	244.39
23 82 16 11-0034	EA	24" x 30" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,887.20	416.46
23 82 16 11-0035	EA	24" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	7,961.81	623.45
23 82 16 11-0036	EA	30" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	10,485.49	779.31
23 82 16 11-0037	EA	30" x 60" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	11,872.16	958.87
23 82 16 11-0038	EA	30" x 72" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	13,800.93	1,133.43
23 82 16 11-0039	EA	30" x 84" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	13,009.48	1,320.84
23 82 16 11-0040	EA	34" x 32" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	8,238.94	570.96
23 82 16 11-0041	EA	34" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	10,475.70	856.37
23 82 16 11-0042	EA	34" x 60" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	11,730.89	1,072.33
23 82 16 11-0043	EA	34" x 72" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	12,944.45	1,288.18
23 82 16 11-0044	EA	34" x 84" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	14,165.81	1,498.65
23 82 16 11-0045		8 Row Chilled Water Cooling Coils *(23 82 16 11-0001)*		
23 82 16 11-0046	EA	12" x 12" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,661.78	198.25
23 82 16 11-0047	EA	12" x 24" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,664.17	304.25
23 82 16 11-0048	EA	24" x 30" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	8,391.65	542.40
23 82 16 11-0049	EA	24" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	11,063.39	831.68
23 82 16 11-0050	EA	30" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	13,256.51	1,039.92
23 82 16 11-0051	EA	30" x 60" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	15,370.62	1,246.91
23 82 16 11-0052	EA	30" x 72" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	17,701.68	1,385.31
23 82 16 11-0053	EA	30" x 84" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	14,877.36	1,606.89
23 82 16 11-0054	EA	34" x 32" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	9,375.91	695.77
23 82 16 11-0055	EA	34" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	11,950.43	1,046.03
23 82 16 11-0056	EA	34" x 60" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	13,404.00	1,303.01
23 82 16 11-0057	EA	34" x 72" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	14,781.49	1,558.62
23 82 16 11-0058	EA	34" x 84" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	16,231.96	1,833.69
23 82 16 11-0059		Hot Water Heating Coils *(23 82 16 11)*		
		Note: Flanged construction.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 11-0060		**1 Row Hot Water Heating Coils** *(23 82 16 11-0059)*		
23 82 16 11-0061	EA	12" x 12" Hot Water Heating Coil, 1 Row Flanged Construction	1,646.63	168.33
		For 10 Fins Per Inch, Add	*26.19*	
		For 12 Fins Per Inch, Add	*65.48*	
		For 230 PSIG Heavy-Duty, Add	*363.03*	
23 82 16 11-0062	EA	12" x 24" Hot Water Heating Coil, 1 Row Flanged Construction	2,453.93	215.71
		For 10 Fins Per Inch, Add	*40.48*	
		For 12 Fins Per Inch, Add	*101.20*	
		For 230 PSIG Heavy-Duty, Add	*533.78*	
23 82 16 11-0063	EA	24" x 30" Hot Water Heating Coil, 1 Row Flanged Construction	2,974.90	296.77
		For 10 Fins Per Inch, Add	*47.62*	
		For 12 Fins Per Inch, Add	*119.06*	
		For 230 PSIG Heavy-Duty, Add	*654.36*	
23 82 16 11-0064	EA	24" x 48" Hot Water Heating Coil, 1 Row Flanged Construction	3,510.05	416.46
		For 10 Fins Per Inch, Add	*53.58*	
		For 12 Fins Per Inch, Add	*133.94*	
		For 230 PSIG Heavy-Duty, Add	*785.14*	
23 82 16 11-0065	EA	30" x 48" Hot Water Heating Coil, 1 Row Flanged Construction	3,973.94	498.77
		For 10 Fins Per Inch, Add	*59.53*	
		For 12 Fins Per Inch, Add	*148.82*	
		For 230 PSIG Heavy-Duty, Add	*894.54*	
23 82 16 11-0066	EA	30" x 60" Hot Water Heating Coil, 1 Row Flanged Construction	4,640.03	623.45
		For 10 Fins Per Inch, Add	*67.86*	
		For 12 Fins Per Inch, Add	*169.66*	
		For 230 PSIG Heavy-Duty, Add	*1,052.70*	
23 82 16 11-0067	EA	30" x 72" Hot Water Heating Coil, 1 Row Flanged Construction	5,195.27	692.04
		For 10 Fins Per Inch, Add	*76.20*	
		For 12 Fins Per Inch, Add	*190.49*	
		For 230 PSIG Heavy-Duty, Add	*1,177.60*	
23 82 16 11-0068	EA	30" x 84" Hot Water Heating Coil, 1 Row Flanged Construction	6,444.28	804.62
		For 10 Fins Per Inch, Add	*96.58*	
		For 12 Fins Per Inch, Add	*241.46*	
		For 230 PSIG Heavy-Duty, Add	*1,450.37*	
23 82 16 11-0069	EA	34" x 32" Hot Water Heating Coil, 1 Row Flanged Construction	2,782.35	348.64
		For 10 Fins Per Inch, Add	*41.70*	
		For 12 Fins Per Inch, Add	*104.25*	
		For 230 PSIG Heavy-Duty, Add	*626.21*	
23 82 16 11-0070	EA	34" x 48" Hot Water Heating Coil, 1 Row Flanged Construction	4,173.49	523.08
		For 10 Fins Per Inch, Add	*62.55*	
		For 12 Fins Per Inch, Add	*156.37*	
		For 230 PSIG Heavy-Duty, Add	*939.30*	
23 82 16 11-0071	EA	34" x 72" Hot Water Heating Coil, 1 Row Flanged Construction	6,273.54	791.16
		For 10 Fins Per Inch, Add	*93.82*	
		For 12 Fins Per Inch, Add	*234.56*	
		For 230 PSIG Heavy-Duty, Add	*1,412.94*	
23 82 16 11-0072	EA	34" x 84" Hot Water Heating Coil, 1 Row Flanged Construction	7,306.68	916.85
		For 10 Fins Per Inch, Add	*109.46*	
		For 12 Fins Per Inch, Add	*273.65*	
		For 230 PSIG Heavy-Duty, Add	*1,644.70*	
23 82 16 11-0073	SF	>15 SF Hot Water Heating Coil, 1 Row, Flanged Construction	331.94	46.14
		For 10 Fins Per Inch, Add	*4.79*	
		For 12 Fins Per Inch, Add	*11.98*	
		For 230 PSIG Heavy-Duty, Add	*75.62*	
23 82 16 11-0074		**2 Row Hot Water Heating Coils** *(23 82 16 11-0059)*		
23 82 16 11-0075	EA	12" x 12" Hot Water Heating Coil, 2 Row Flanged Construction	2,677.72	208.23
		For 10 Fins Per Inch, Add	*45.24*	
		For 12 Fins Per Inch, Add	*113.10*	
		For 230 PSIG Heavy-Duty, Add	*577.11*	
23 82 16 11-0076	EA	12" x 24" Hot Water Heating Coil, 2 Row Flanged Construction	2,875.79	276.81
		For 10 Fins Per Inch, Add	*46.43*	
		For 12 Fins Per Inch, Add	*116.08*	
		For 230 PSIG Heavy-Duty, Add	*630.58*	
23 82 16 11-0077	EA	24" x 30" Hot Water Heating Coil, 2 Row Flanged Construction	3,867.22	416.46
		For 10 Fins Per Inch, Add	*60.72*	
		For 12 Fins Per Inch, Add	*151.80*	
		For 230 PSIG Heavy-Duty, Add	*856.57*	
23 82 16 11-0078	EA	24" x 48" Hot Water Heating Coil, 2 Row Flanged Construction	4,640.18	593.52
		For 10 Fins Per Inch, Add	*69.05*	
		For 12 Fins Per Inch, Add	*172.63*	
		For 230 PSIG Heavy-Duty, Add	*1,046.79*	
23 82 16 11-0079	EA	30" x 48" Hot Water Heating Coil, 2 Row Flanged Construction	5,336.30	733.18
		For 10 Fins Per Inch, Add	*77.39*	
		For 12 Fins Per Inch, Add	*193.47*	
		For 230 PSIG Heavy-Duty, Add	*1,213.96*	
23 82 16 11-0080	EA	30" x 60" Hot Water Heating Coil, 2 Row Flanged Construction	5,650.64	890.29
		For 10 Fins Per Inch, Add	*77.39*	
		For 12 Fins Per Inch, Add	*193.47*	
		For 230 PSIG Heavy-Duty, Add	*1,308.26*	
23 82 16 11-0081	EA	30" x 72" Hot Water Heating Coil, 2 Row Flanged Construction	6,364.22	1,039.92
		For 10 Fins Per Inch, Add	*85.72*	
		For 12 Fins Per Inch, Add	*214.30*	
		For 230 PSIG Heavy-Duty, Add	*1,480.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 11-0082	EA	30" x 84" Hot Water Heating Coil, 2 Row Flanged Construction	7,849.25	1,208.25
		For 10 Fins Per Inch, Add	*108.66*	
		For 12 Fins Per Inch, Add	*271.64*	
		For 230 PSIG Heavy-Duty, Add	*1,811.50*	
23 82 16 11-0083	EA	34" x 32" Hot Water Heating Coil, 2 Row Flanged Construction	3,388.12	521.33
		For 10 Fins Per Inch, Add	*46.91*	
		For 12 Fins Per Inch, Add	*117.28*	
		For 230 PSIG Heavy-Duty, Add	*781.88*	
23 82 16 11-0084	EA	34" x 48" Hot Water Heating Coil, 2 Row Flanged Construction	5,084.80	783.18
		For 10 Fins Per Inch, Add	*70.37*	
		For 12 Fins Per Inch, Add	*175.92*	
		For 230 PSIG Heavy-Duty, Add	*1,173.61*	
23 82 16 11-0085	EA	34" x 72" Hot Water Heating Coil, 2 Row Flanged Construction	7,639.07	1,180.81
		For 10 Fins Per Inch, Add	*105.55*	
		For 12 Fins Per Inch, Add	*263.88*	
		For 230 PSIG Heavy-Duty, Add	*1,763.97*	
23 82 16 11-0086	EA	34" x 84" Hot Water Heating Coil, 2 Row Flanged Construction	8,915.80	1,379.33
		For 10 Fins Per Inch, Add	*123.14*	
		For 12 Fins Per Inch, Add	*307.86*	
		For 230 PSIG Heavy-Duty, Add	*2,059.02*	

23 82 16 11-0087 Hot Water Preheat Coils For Multi-Zone Air Handling Units *(23 82 16 11)*

Note: 2 Row coils. Coils are sized by air handling unit capacity.

23 82 16 11-0088	EA	3,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	2,178.91	158.36
23 82 16 11-0089	EA	4,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	2,798.00	157.11
23 82 16 11-0090	EA	5,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	3,438.43	168.33
23 82 16 11-0091	EA	6,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	3,997.97	183.29
23 82 16 11-0092	EA	7,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	4,014.89	192.02
23 82 16 11-0093	EA	9,200 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	4,866.86	202.00
23 82 16 11-0094	EA	11,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	5,037.11	226.94
23 82 16 11-0095	EA	13,200 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	5,568.85	254.37
23 82 16 11-0096	EA	16,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	6,263.44	304.25
23 82 16 11-0097	EA	19,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	6,830.39	319.21
23 82 16 11-0098	EA	22,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	8,769.86	337.91
23 82 16 11-0099	EA	27,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	11,162.51	462.60
23 82 16 11-0100	EA	34,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	14,027.40	567.34
23 82 16 11-0101	EA	40,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	16,356.68	593.52
23 82 16 11-0102	EA	47,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	19,214.21	692.04

23 82 16 12 Steam Air Coils *(23 82 16)*

23 82 16 12-0001 Steam Heating Coils *(23 82 16 12)*

Note: Flanged construction.

23 82 16 12-0002	EA	12" x 12" Steam Heating Coils, 1 Row Flanged Construction	2,593.40	117.21
		For 2 Row Coil, Add	*824.63*	
		For 4 Row Coil, Add	*2,174.94*	
23 82 16 12-0003	EA	12" x 24" Steam Heating Coils, 1 Row Flanged Construction	2,852.79	162.10
		For 2 Row Coil, Add	*920.61*	
		For 4 Row Coil, Add	*2,421.50*	
23 82 16 12-0004	EA	24" x 30" Steam Heating Coils, 1 Row Flanged Construction	3,698.96	290.52
		For 2 Row Coil, Add	*1,225.68*	
		For 4 Row Coil, Add	*3,208.55*	
23 82 16 12-0005	EA	24" x 48" Steam Heating Coils, 1 Row Flanged Construction	4,624.66	416.46
		For 2 Row Coil, Add	*1,553.65*	
		For 4 Row Coil, Add	*4,057.17*	
23 82 16 12-0006	EA	30" x 48" Steam Heating Coils, 1 Row Flanged Construction	5,128.10	498.77
		For 2 Row Coil, Add	*1,737.93*	
		For 4 Row Coil, Add	*4,531.41*	
23 82 16 12-0007	EA	30" x 60" Steam Heating Coils, 1 Row Flanged Construction	5,714.68	623.45
		For 2 Row Coil, Add	*1,963.79*	
		For 4 Row Coil, Add	*5,107.92*	
23 82 16 12-0008	EA	30" x 72" Steam Heating Coils, 1 Row Flanged Construction	6,274.71	692.04
		For 2 Row Coil, Add	*2,159.50*	
		For 4 Row Coil, Add	*5,615.51*	
23 82 16 12-0009	EA	30" x 84" Steam Heating Coils, 1 Row Flanged Construction	7,812.48	807.62
		For 2 Row Coil, Add	*2,666.78*	
		For 4 Row Coil, Add	*6,944.50*	
23 82 16 12-0010	EA	34" x 32" Steam Heating Coils, 1 Row Flanged Construction	3,373.06	348.64
		For 2 Row Coil, Add	*1,151.39*	
		For 4 Row Coil, Add	*2,998.32*	
23 82 16 12-0011	EA	34" x 48" Steam Heating Coils, 1 Row Flanged Construction	5,059.60	523.08
		For 2 Row Coil, Add	*1,727.09*	
		For 4 Row Coil, Add	*4,497.49*	
23 82 16 12-0012	EA	34" x 72" Steam Heating Coils, 1 Row Flanged Construction	7,586.72	783.18
		For 2 Row Coil, Add	*2,589.31*	
		For 4 Row Coil, Add	*6,742.95*	
23 82 16 12-0013	EA	34" x 84" Steam Heating Coils, 1 Row Flanged Construction	8,857.35	916.85
		For 2 Row Coil, Add	*3,023.94*	
		For 4 Row Coil, Add	*7,874.36*	

23 82 16 13 Refrigerant Air Coils *(23 82 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 13-0001		Direct Expansion Cooling Coils *(23 82 16 13)*		
		Note: Flanged construction 16 gauge galvanized steel casing.		
23 82 16 13-0002		2 Row Direct Expansion Cooling Coils *(23 82 16 13-0001)*		
23 82 16 13-0003	EA	12" x 12" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	2,036.68	93.52
		For 10 Fins Per Inch, Add	*36.98*	
		For 12 Fins Per Inch, Add	*92.46*	
23 82 16 13-0004	EA	12" x 24" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,955.45	128.43
		For 10 Fins Per Inch, Add	*73.97*	
		For 12 Fins Per Inch, Add	*184.92*	
23 82 16 13-0005	EA	24" x 30" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,437.13	202.00
		For 10 Fins Per Inch, Add	*100.70*	
		For 12 Fins Per Inch, Add	*251.75*	
23 82 16 13-0006	EA	24" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,530.28	290.52
		For 10 Fins Per Inch, Add	*119.01*	
		For 12 Fins Per Inch, Add	*297.52*	
23 82 16 13-0007	EA	30" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,578.28	355.37
		For 10 Fins Per Inch, Add	*137.32*	
		For 12 Fins Per Inch, Add	*343.29*	
23 82 16 13-0008	EA	30" x 60" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	8,458.05	430.18
		For 10 Fins Per Inch, Add	*151.96*	
		For 12 Fins Per Inch, Add	*379.91*	
23 82 16 13-0009	EA	30" x 72" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	9,694.16	498.77
		For 10 Fins Per Inch, Add	*173.93*	
		For 12 Fins Per Inch, Add	*434.83*	
23 82 16 13-0010	EA	30" x 84" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	12,186.55	581.55
		For 10 Fins Per Inch, Add	*220.47*	
		For 12 Fins Per Inch, Add	*551.17*	
23 82 16 13-0011	EA	34" x 32" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,680.20	221.08
		For 10 Fins Per Inch, Add	*84.76*	
		For 12 Fins Per Inch, Add	*211.90*	
23 82 16 13-0012	EA	34" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,985.72	376.44
		For 10 Fins Per Inch, Add	*104.66*	
		For 12 Fins Per Inch, Add	*261.64*	
23 82 16 13-0013	EA	34" x 72" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,320.81	564.72
		For 10 Fins Per Inch, Add	*123.83*	
		For 12 Fins Per Inch, Add	*309.57*	
23 82 16 13-0014	EA	34" x 84" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,984.37	657.61
		For 10 Fins Per Inch, Add	*133.38*	
		For 12 Fins Per Inch, Add	*333.45*	
23 82 16 13-0015		4 Row Direct Expansion Cooling Coils *(23 82 16 13-0001)*		
23 82 16 13-0016	EA	12" x 12" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,399.71	129.68
		For 10 Fins Per Inch, Add	*62.80*	
		For 12 Fins Per Inch, Add	*157.00*	
23 82 16 13-0017	EA	12" x 24" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,857.84	187.04
		For 10 Fins Per Inch, Add	*89.71*	
		For 12 Fins Per Inch, Add	*224.28*	
23 82 16 13-0018	EA	24" x 30" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,573.78	311.73
		For 10 Fins Per Inch, Add	*119.01*	
		For 12 Fins Per Inch, Add	*297.52*	
23 82 16 13-0019	EA	24" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,972.49	462.60
		For 10 Fins Per Inch, Add	*140.98*	
		For 12 Fins Per Inch, Add	*352.44*	
23 82 16 13-0020	EA	30" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	9,189.38	567.34
		For 10 Fins Per Inch, Add	*161.12*	
		For 12 Fins Per Inch, Add	*402.79*	
23 82 16 13-0021	EA	30" x 60" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	10,905.98	693.27
		For 10 Fins Per Inch, Add	*190.41*	
		For 12 Fins Per Inch, Add	*476.03*	
23 82 16 13-0022	EA	30" x 72" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	12,098.50	831.68
		For 10 Fins Per Inch, Add	*208.72*	
		For 12 Fins Per Inch, Add	*521.80*	
23 82 16 13-0023	EA	30" x 84" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	11,697.58	968.09
		For 10 Fins Per Inch, Add	*195.23*	
		For 12 Fins Per Inch, Add	*488.07*	
23 82 16 13-0024	EA	34" x 32" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,517.84	417.84
		For 10 Fins Per Inch, Add	*133.64*	
		For 12 Fins Per Inch, Add	*334.11*	
23 82 16 13-0025	EA	34" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	9,507.50	628.44
		For 10 Fins Per Inch, Add	*165.01*	
		For 12 Fins Per Inch, Add	*412.53*	
23 82 16 13-0026	EA	34" x 72" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	14,233.50	1,105.38
		For 10 Fins Per Inch, Add	*240.45*	
		For 12 Fins Per Inch, Add	*601.13*	
23 82 16 13-0027	EA	34" x 84" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	16,279.09	1,288.18
		For 10 Fins Per Inch, Add	*274.06*	
		For 12 Fins Per Inch, Add	*685.14*	
23 82 16 13-0028		6 Row Direct Expansion Cooling Coils *(23 82 16 13-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 13-0029	EA	12" x 12" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,356.06	163.35
		For 10 Fins Per Inch, Add	*80.56*	
		For 12 Fins Per Inch, Add	*201.40*	
23 82 16 13-0030	EA	12" x 24" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,974.61	244.39
		For 10 Fins Per Inch, Add	*89.71*	
		For 12 Fins Per Inch, Add	*224.28*	
23 82 16 13-0031	EA	24" x 30" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,147.78	416.46
		For 10 Fins Per Inch, Add	*126.33*	
		For 12 Fins Per Inch, Add	*315.83*	
23 82 16 13-0032	EA	24" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	9,028.11	623.45
		For 10 Fins Per Inch, Add	*155.62*	
		For 12 Fins Per Inch, Add	*389.06*	
23 82 16 13-0033	EA	30" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	11,903.04	779.31
		For 10 Fins Per Inch, Add	*206.89*	
		For 12 Fins Per Inch, Add	*517.22*	
23 82 16 13-0034	EA	30" x 60" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	13,452.80	958.87
		For 10 Fins Per Inch, Add	*230.69*	
		For 12 Fins Per Inch, Add	*576.72*	
23 82 16 13-0035	EA	30" x 72" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	15,632.46	1,133.43
		For 10 Fins Per Inch, Add	*267.31*	
		For 12 Fins Per Inch, Add	*668.27*	
23 82 16 13-0036	EA	30" x 84" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	14,655.84	1,320.84
		For 10 Fins Per Inch, Add	*240.28*	
		For 12 Fins Per Inch, Add	*600.71*	
23 82 16 13-0037	EA	34" x 32" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	9,365.93	570.96
		For 10 Fins Per Inch, Add	*164.48*	
		For 12 Fins Per Inch, Add	*411.20*	
23 82 16 13-0038	EA	34" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	11,867.22	856.37
		For 10 Fins Per Inch, Add	*203.09*	
		For 12 Fins Per Inch, Add	*507.72*	
23 82 16 13-0039	EA	34" x 72" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	14,569.77	1,277.57
		For 10 Fins Per Inch, Add	*240.29*	
		For 12 Fins Per Inch, Add	*600.73*	
23 82 16 13-0040	EA	34" x 84" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	15,939.32	1,498.65
		For 10 Fins Per Inch, Add	*258.84*	
		For 12 Fins Per Inch, Add	*647.10*	

23 82 16 13-0041 8 Row Direct Expansion Cooling Coils *(23 82 16 13-0001)*

23 82 16 13-0042	EA	12" x 12" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,430.74	197.02
		For 10 Fins Per Inch, Add	*100.70*	
		For 12 Fins Per Inch, Add	*251.75*	
23 82 16 13-0043	EA	12" x 24" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,467.03	304.25
		For 10 Fins Per Inch, Add	*117.18*	
		For 12 Fins Per Inch, Add	*292.94*	
23 82 16 13-0044	EA	24" x 30" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	9,552.04	542.40
		For 10 Fins Per Inch, Add	*169.36*	
		For 12 Fins Per Inch, Add	*423.39*	
23 82 16 13-0045	EA	24" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	12,556.22	831.68
		For 10 Fins Per Inch, Add	*217.87*	
		For 12 Fins Per Inch, Add	*544.68*	
23 82 16 13-0046	EA	30" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	15,031.59	1,039.92
		For 10 Fins Per Inch, Add	*259.07*	
		For 12 Fins Per Inch, Add	*647.67*	
23 82 16 13-0047	EA	30" x 60" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	17,415.41	1,246.91
		For 10 Fins Per Inch, Add	*298.43*	
		For 12 Fins Per Inch, Add	*746.08*	
23 82 16 13-0048	EA	30" x 72" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	20,072.64	1,385.31
		For 10 Fins Per Inch, Add	*346.03*	
		For 12 Fins Per Inch, Add	*865.09*	
23 82 16 13-0049	EA	30" x 84" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	16,729.51	1,606.89
		For 10 Fins Per Inch, Add	*270.32*	
		For 12 Fins Per Inch, Add	*675.79*	
23 82 16 13-0050	EA	34" x 32" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	10,643.78	695.77
		For 10 Fins Per Inch, Add	*185.04*	
		For 12 Fins Per Inch, Add	*462.61*	
23 82 16 13-0051	EA	34" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	13,515.89	1,046.03
		For 10 Fins Per Inch, Add	*228.48*	
		For 12 Fins Per Inch, Add	*571.19*	
23 82 16 13-0052	EA	34" x 72" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	16,665.22	1,574.34
		For 10 Fins Per Inch, Add	*270.33*	
		For 12 Fins Per Inch, Add	*675.82*	
23 82 16 13-0053	EA	34" x 84" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	18,227.18	1,833.69
		For 10 Fins Per Inch, Add	*291.20*	
		For 12 Fins Per Inch, Add	*727.99*	

23 82 16 14 Electric-Resistance Air Coils *(23 82 16)*

23 82 16 14-0001 Standard Electric Slip-In Blast Coil Heater *(23 82 16 14)*

23 82 16 14-0002 Electric Slip-In Blast Coil Heater With Open Coil Element *(23 82 16 14-0001)*

23 82 16 14-0003	EA	1/2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	659.93	96.38
23 82 16 14-0004	EA	1 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	675.97	103.90
23 82 16 14-0005	EA	2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	694.94	113.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 14-0006	EA	3 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	701.32	117.67
23 82 16 14-0007	EA	4 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	717.70	125.17
23 82 16 14-0008	EA	5 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	736.54	135.19
23 82 16 14-0009	EA	6 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	850.05	151.46
23 82 16 14-0010	EA	7 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	865.31	158.97
23 82 16 14-0011	EA	8 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	877.83	163.97
23 82 16 14-0012	EA	9 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	896.12	173.99
23 82 16 14-0013	EA	10 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	983.34	184.00
23 82 16 14-0014	EA	12-1/2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	1,018.97	201.53
23 82 16 14-0015	EA	15 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	1,054.39	219.06
23 82 16 14-0016	EA	20 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	1,092.30	236.58
23 82 16 14-0017	EA	30 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	1,530.78	330.46
23 82 16 14-0018	EA	40 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	2,816.94	351.74
23 82 16 14-0019	EA	50 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	3,090.42	403.06
23 82 16 14-0020	EA	60 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	3,661.93	446.87
23 82 16 14-0021	EA	70 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	3,836.09	485.67
23 82 16 14-0022	EA	80 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	4,203.01	533.23
23 82 16 14-0023	EA	90 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	5,193.40	569.54
23 82 16 14-0024	EA	100 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	5,710.39	612.10
23 82 16 14-0025	EA	125 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	6,962.49	660.91
23 82 16 14-0026	EA	150 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	7,850.73	718.49
23 82 16 14-0027		**Electric Slip-In Blast Coil Heater With Finned Tubular Element** *(23 82 16 14-0001)*		
23 82 16 14-0028	EA	1 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,107.66	137.69
23 82 16 14-0029	EA	2 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,139.91	150.20
23 82 16 14-0030	EA	3 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,153.40	150.20
23 82 16 14-0031	EA	4 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,246.25	165.23
23 82 16 14-0032	EA	5 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,302.89	165.23
23 82 16 14-0033	EA	6 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,333.04	165.23
23 82 16 14-0034	EA	8 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,398.09	184.00
23 82 16 14-0035	EA	9 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,455.95	206.54
23 82 16 14-0036	EA	10 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,486.10	206.54
23 82 16 14-0037	EA	15 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,672.63	236.58
23 82 16 14-0038	EA	20 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	2,154.42	236.58
23 82 16 14-0039	EA	25 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	2,287.24	256.61
23 82 16 14-0040	EA	30 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	2,696.65	275.38
23 82 16 14-0041	EA	40 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	3,215.11	275.38
23 82 16 14-0042	EA	45 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	3,511.20	287.90
23 82 16 14-0043	EA	50 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	3,690.96	287.90
23 82 19		**Fan Coil Units** *(23 82)*		
23 82 19 00-0001		**Ceiling Suspended Horizontal Fan Coil Units** *(23 82 19)* Note: Includes cabinet, chilled water coil, baked enamel finish, multispeed fan and fan switch with integral and/or remote thermostat to control valves and on/off and fan speeds. Excludes supports.		
23 82 19 00-0002		**Horizontal Fan Coil Units With Electric Heating Coil** *(23 82 19 00-0001)*		
23 82 19 00-0003	EA	200 CFM, 6 MBH Cooling, Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	2,956.88	202.00
		For 2-Way Valve Instead Of 3-Way, Deduct	*-55.11*	
23 82 19 00-0004	EA	300 CFM, 9 MBH Cooling, Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	3,358.40	235.67
		For 2-Way Valve Instead Of 3-Way, Deduct	*-58.53*	
23 82 19 00-0005	EA	400 CFM, 12 MBH Cooling, Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	3,996.06	265.59
		For 2-Way Valve Instead Of 3-Way, Deduct	*-61.53*	
23 82 19 00-0006	EA	600 CFM, 18 MBH Cooling, Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	4,593.51	304.25
		For 2-Way Valve Instead Of 3-Way, Deduct	*-65.41*	
23 82 19 00-0007	EA	800 CFM, 24 MBH Cooling, Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	5,202.26	319.21
		For 2-Way Valve Instead Of 3-Way, Deduct	*-112.96*	
23 82 19 00-0008	EA	1,000 CFM, 30 MBH Cooling, Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	6,738.53	337.91
		For 2-Way Valve Instead Of 3-Way, Deduct	*-115.55*	
23 82 19 00-0009	EA	1,200 CFM, 36 MBH Cooling, Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	7,953.13	366.59
		For 2-Way Valve Instead Of 3-Way, Deduct	*-120.01*	
23 82 19 00-0010		**Horizontal Fan Coil Units With Hot Water Heating Coil** *(23 82 19 00-0001)*		
23 82 19 00-0011	EA	200 CFM, 6 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	4,377.54	202.00
		For 2-Way Valve Instead Of 3-Way, Deduct	*-55.11*	
23 82 19 00-0012	EA	300 CFM, 9 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	4,922.88	235.67
		For 2-Way Valve Instead Of 3-Way, Deduct	*-58.53*	
23 82 19 00-0013	EA	400 CFM, 12 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	6,096.03	265.59
		For 2-Way Valve Instead Of 3-Way, Deduct	*-61.53*	
23 82 19 00-0014	EA	600 CFM, 18 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	6,584.90	304.25
		For 2-Way Valve Instead Of 3-Way, Deduct	*-65.41*	
23 82 19 00-0015	EA	800 CFM, 24 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	7,027.33	320.46
		For 2-Way Valve Instead Of 3-Way, Deduct	*-112.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 19 00-0016	EA	1,000 CFM, 30 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	9,419.33	337.91
		For 2-Way Valve Instead Of 3-Way, Deduct	*-115.55*	
23 82 19 00-0017	EA	1,200 CFM, 36 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	11,069.34	366.59
		For 2-Way Valve Instead Of 3-Way, Deduct	*-120.01*	
23 82 19 00-0018	EA	1,400 CFM, 42 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	11,810.74	380.31
		For 2-Way Valve Instead Of 3-Way, Deduct	*-122.05*	
23 82 19 00-0019	EA	1,600 CFM, 48 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	13,205.20	395.89
		For 2-Way Valve Instead Of 3-Way, Deduct	*-124.38*	
23 82 19 00-0020	EA	1,800 CFM, 54 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	14,215.04	411.48
		For 2-Way Valve Instead Of 3-Way, Deduct	*-126.72*	

23 82 19 00-0021 Floor Mounted Vertical Fan Coil Units *(23 82 19)*

Note: Includes cabinet, chilled water coil, baked enamel finish, multispeed fan and fan switch with integral and/or remote thermostat to control valves and on/off and fan speeds.

23 82 19 00-0022 Vertical Fan Coil Units With Hot Water Heating Coil *(23 82 19 00-0021)*

23 82 19 00-0023	EA	200 CFM, 6 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	4,204.55	200.75
		For Fan Coil Units Without Cabinet, Deduct	*-590.46*	
		For Thru-Wall Sleeve, Add	*135.45*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-55.11*	
23 82 19 00-0024	EA	300 CFM, 9 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	4,729.12	235.67
		For Fan Coil Units Without Cabinet, Deduct	*-662.32*	
		For Thru-Wall Sleeve, Add	*149.11*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-58.53*	
23 82 19 00-0025	EA	400 CFM, 12 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	5,853.84	265.59
		For Fan Coil Units Without Cabinet, Deduct	*-825.02*	
		For Thru-Wall Sleeve, Add	*161.12*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-61.53*	
23 82 19 00-0026	EA	600 CFM, 18 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	6,691.95	304.25
		For Fan Coil Units Without Cabinet, Deduct	*-942.97*	
		For Thru-Wall Sleeve, Add	*176.65*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-65.41*	
23 82 19 00-0027	EA	800 CFM, 24 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	7,483.61	320.46
		For Fan Coil Units Without Cabinet, Deduct	*-1,058.60*	
		For Thru-Wall Sleeve, Add	*182.89*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-112.96*	
23 82 19 00-0028	EA	1,000 CFM, 30 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	9,039.10	337.91
		For Fan Coil Units Without Cabinet, Deduct	*-1,288.47*	
		For Thru-Wall Sleeve, Add	*189.80*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-115.55*	
23 82 19 00-0029	EA	1,200 CFM, 36 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	10,619.49	366.59
		For Fan Coil Units Without Cabinet, Deduct	*-1,519.58*	
		For Thru-Wall Sleeve, Add	*201.69*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-120.01*	
23 82 19 00-0030	EA	1,400 CFM, 42 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	11,653.48	380.31
		For Fan Coil Units Without Cabinet, Deduct	*-1,671.96*	
		For Thru-Wall Sleeve, Add	*207.12*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-122.05*	
23 82 19 00-0031	EA	1,600 CFM, 48 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	12,890.68	395.89
		For Fan Coil Units Without Cabinet, Deduct	*-1,854.42*	
		For Thru-Wall Sleeve, Add	*213.36*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-124.38*	
23 82 19 00-0032	EA	1,800 CFM, 54 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	13,756.51	395.89
		For Fan Coil Units Without Cabinet, Deduct	*-1,981.18*	
		For Thru-Wall Sleeve, Add	*219.59*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-126.72*	

23 82 19 00-0033 Removal And Reinstallation Of Fan Coil Units *(23 82 19)*

Note: Includes storage and cleaning. Excludes supports.

23 82 19 00-0034	EA	Removal And Reinstallation Of Fan Coil Unit Horizontal Or Vertical	530.15	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 19 00-0035		**Fan Coil Units (Carrier)** *(23 82 19)* Note: Provide Pre-Manufactured Or Field Fabricated Filter Rack With 2" Merv 13, Pleated Throwaway Filters. Disconnect Switch Provided By Division 26 Contractor. Suspend Unit From Structure In Horizontal Position With All -Thread Rod And Spring Vibration Isolation (2" Minimum Deflection). Provide Necessary Mounting Bracket And Accessories For Specified Mounting. Provide Auxiliary Drain Pan With Auxiliary Drain Provided By Plumbing Contractor. Provide Unit With Space Temperature Control Devices Consistent With The Following Control Methods: Thermostat Or Room Controller For Local Override Of Centralized Controller With Integral Temperature Sensor. Temperature Sensor Without Local Override. Thermostat Or Room Controller For Local Override Of Centralized Controller With Remote Temperature Sensor. Fan Coil Unit With Integral Temperature Sensor In Return Airstream Without Local Override (Factory Default Setting).		
23 82 19 00-0036	EA	450 To 500 CFM, 12.1 To 14.2 MBH Cooling, Deck Mount, Fan Coil Unit (Carrier MMD-AP0184BH2UL-1)	2,196.62	265.59
23 82 19 00-0037	EA	1,200 CFM, 33.3 To 39.5 MBH Cooling, Floor Mount, Fan Coil Unit (Carrier MMD-AP0360VHG2UL)	3,804.38	366.59
		For Filter Box With 2" MERV 8 Filter (Carrier TCB-FB2F361VDGUL), Add	*308.93*	
23 82 19 00-0038	EA	150 To 230 CFM, 3.9 To 7.5 MBH Cooling, Wall Mount, Fan Coil Unit (Carrier MMK-AP0073H2UL)	1,189.27	202.00
		For Filter Boxes For Toshiba (Carrier) High Static, Medium Static, OSA Units, and Slim Duct (Carrier FS-SPBH202), Add	*509.37*	
23 82 19 00-0039	EA	470 CFM, 15.8 MBH Cooling, Wall Mount, Fan Coil Unit (Carrier MMK-AP0183H2UL)	1,377.09	235.67
		For Filter Boxes For Toshiba (Carrier) High Static, Medium Static, OSA Units, and Slim Duct (Carrier FS-SPBH202), Add	*509.37*	
23 82 19 00-0040	EA	Single Port Flow Selector (Carrier RBM-Y0963FUL)	1,338.90	293.39
23 82 19 00-0041	EA	Multiport Flow Selector 4-Branch Unit (Carrier RBM-Y0611F4PUL)	4,055.24	383.67
23 82 19 00-0042	EA	Y-Branch For Heat Recovery, 61-135k BTU (Carrier RBM-BY105FUL)	212.33	43.64
23 82 19 00-0043	EA	Y-Branch For Heat Recovery, 136-238k BTU (Carrier RBM-BY205FUL)	290.28	46.75
23 82 19 00-0044	EA	12 MBH, Ductless Variable Flow (VRF), Wall Mounted, Indoor Heat Pump (Carrier MMK-AP0123H2UL)	1,142.79	202.00
23 82 19 00-0045	EA	Single Port Flow Selector (Carrier RBM-Y0383FUL)	3,321.70	293.39
23 82 19 00-0046	EA	Outdoor Heat Recovery Connection (Carrier RBM-BT14FUL)	456.74	43.64
23 82 33		**Convectors** *(23 82)*		
23 82 33 00-0001		**Multi-Fin Convectors For Two-Pipe System** *(23 82 33)* Note: Complete with 6-1/4" deep cabinet enclosure.		
23 82 33 00-0002		**20" High Multi-Fin Convectors For Two-Pipe System** *(23 82 33 00-0001)*		
23 82 33 00-0003	EA	20" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	653.43	137.16
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*68.35*	
		For Snap-On Inlet Grille, Add	*51.56*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*155.96*	
23 82 33 00-0004	EA	20" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	771.34	149.63
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*74.01*	
		For Snap-On Inlet Grille, Add	*55.34*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*190.62*	
23 82 33 00-0005	EA	20" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	886.93	177.06
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*86.41*	
		For Snap-On Inlet Grille, Add	*63.61*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*216.62*	
23 82 33 00-0006	EA	20" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,062.77	205.74
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*99.51*	
		For Snap-On Inlet Grille, Add	*72.34*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*262.87*	
23 82 33 00-0007	EA	20" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,267.17	246.89
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*118.20*	
		For Snap-On Inlet Grille, Add	*84.80*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*312.61*	
23 82 33 00-0008	EA	20" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,426.32	271.58
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*129.41*	
		For Snap-On Inlet Grille, Add	*92.27*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*355.24*	
23 82 33 00-0009	EA	20" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,655.66	329.18
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*155.58*	
		For Snap-On Inlet Grille, Add	*109.72*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*404.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0010	EA	20" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,808.63	349.75
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*164.93*	
		For Snap-On Inlet Grille, Add	*115.96*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*447.60*	
23 82 33 00-0011	EA	20" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,972.42	390.90
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*183.62*	
		For Snap-On Inlet Grille, Add	*128.41*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*483.12*	
23 82 33 00-0012	EA	20" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,176.91	432.06
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*202.34*	
		For Snap-On Inlet Grille, Add	*140.89*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*532.85*	
23 82 33 00-0013	EA	20" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,340.71	473.20
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*221.03*	
		For Snap-On Inlet Grille, Add	*153.35*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*568.38*	

23 82 33 00-0014 26" High Multi-Fin Convectors For Two-Pipe System *(23 82 33 00-0001)*

23 82 33 00-0015	EA	26" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	765.73	180.42
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*87.18*	
		For Snap-On Inlet Grille, Add	*64.12*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*173.30*	
23 82 33 00-0016	EA	26" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	899.39	209.60
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*100.27*	
		For Snap-On Inlet Grille, Add	*72.85*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*204.80*	
23 82 33 00-0017	EA	26" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,089.09	246.14
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*116.67*	
		For Snap-On Inlet Grille, Add	*83.78*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*252.07*	
23 82 33 00-0018	EA	26" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,278.40	274.45
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*129.38*	
		For Snap-On Inlet Grille, Add	*92.25*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*303.50*	
23 82 33 00-0019	EA	26" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,493.71	308.61
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*144.75*	
		For Snap-On Inlet Grille, Add	*102.50*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*360.92*	
23 82 33 00-0020	EA	26" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,673.00	334.30
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*156.35*	
		For Snap-On Inlet Grille, Add	*110.23*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*410.14*	
23 82 33 00-0021	EA	26" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,907.87	380.93
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*177.59*	
		For Snap-On Inlet Grille, Add	*124.40*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*467.56*	
23 82 33 00-0022	EA	26" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,082.98	404.25
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*187.94*	
		For Snap-On Inlet Grille, Add	*131.29*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*516.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0023	EA	26" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,254.12	440.78
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*204.13*	
		For Snap-On Inlet Grille, Add	*142.09*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*557.79*	
23 82 33 00-0024	EA	26" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,472.71	476.57
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*220.49*	
		For Snap-On Inlet Grille, Add	*152.99*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*615.21*	
23 82 33 00-0025	EA	26" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,638.96	509.36
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*235.21*	
		For Snap-On Inlet Grille, Add	*162.81*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*656.23*	
23 82 33 00-0026		**32" High Multi-Fin Convectors For Two-Pipe System** *(23 82 33 00-0001)*		
23 82 33 00-0027	EA	32" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	876.97	219.46
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*105.70*	
		For Snap-On Inlet Grille, Add	*76.47*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*190.62*	
23 82 33 00-0028	EA	32" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,045.89	265.59
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*126.67*	
		For Snap-On Inlet Grille, Add	*90.45*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*225.28*	
23 82 33 00-0029	EA	32" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,262.37	310.48
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*147.05*	
		For Snap-On Inlet Grille, Add	*104.03*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*277.27*	
23 82 33 00-0030	EA	32" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,465.06	337.41
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*159.36*	
		For Snap-On Inlet Grille, Add	*112.24*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*333.85*	
23 82 33 00-0031	EA	32" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,686.24	364.59
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*171.58*	
		For Snap-On Inlet Grille, Add	*120.38*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*397.01*	
23 82 33 00-0032	EA	32" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,881.07	390.90
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*183.62*	
		For Snap-On Inlet Grille, Add	*128.41*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*451.15*	
23 82 33 00-0033	EA	32" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,111.66	423.82
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*198.66*	
		For Snap-On Inlet Grille, Add	*138.44*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*514.31*	
23 82 33 00-0034	EA	32" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,307.75	451.00
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*211.08*	
		For Snap-On Inlet Grille, Add	*146.72*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*568.45*	
23 82 33 00-0035	EA	32" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,481.54	481.43
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*224.55*	
		For Snap-On Inlet Grille, Add	*155.70*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*613.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0036	EA	32" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,706.82	510.23
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*238.00*	
		For Snap-On Inlet Grille, Add	*164.66*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*676.73*	
23 82 33 00-0037	EA	32" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,872.50	534.92
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*249.03*	
		For Snap-On Inlet Grille, Add	*172.02*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*721.84*	
23 82 33 00-0038		Electric Convectors, Floor Standing Units *(23 82 33)*		
23 82 33 00-0039		4" Deep Electric Convectors *(23 82 33 00-0038)*		
23 82 33 00-0040	EA	38" Long x 14" High x 4" Deep Electric Convectors, Floor Standing Units	727.82	134.34
23 82 33 00-0041	EA	50" Long x 14" High x 4" Deep Electric Convectors, Floor Standing Units	807.08	134.34
23 82 33 00-0042		6" Deep Electric Convectors *(23 82 33 00-0038)*		
23 82 33 00-0043	EA	38" Long x 14" High x 6" Deep Electric Convectors, Floor Standing Units	843.65	134.34
23 82 33 00-0044	EA	50" Long x 14" High x 6" Deep Electric Convectors, Floor Standing Units	965.58	134.34
23 82 33 00-0045	EA	62" Long x 20" High x 6" Deep Electric Convectors, Floor Standing Units	1,072.26	134.34
23 82 33 00-0046	EA	74" Long x 20" High x 6" Deep Electric Convectors, Floor Standing Units	1,239.91	134.34
23 82 36		**Finned-Tube Radiation Heaters** *(23 82)*		
23 82 36 00-0001		Finned Tube Baseboard Units *(23 82 36)*		
		Note: Complete with steel enclosure. Single heating element.		
23 82 36 00-0002		3/4" IPS Steel Tube With Steel Fins *(23 82 36 00-0001)*		
23 82 36 00-0003	EA	4' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	408.55	48.63
		For 90 Degree Corner, Add	*57.05*	
		For Valve Enclosure, Add	*57.05*	
		For Filler Piece, Add	*50.05*	
		For End Cap, Add	*38.58*	
		For Copper Tube With Aluminum Fins, Add	*9.53*	
23 82 36 00-0004	EA	6' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	543.32	73.56
		For 90 Degree Corner, Add	*66.68*	
		For Valve Enclosure, Add	*66.68*	
		For Filler Piece, Add	*59.68*	
		For End Cap, Add	*44.84*	
		For Copper Tube With Aluminum Fins, Add	*14.30*	
23 82 36 00-0005	EA	8' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	658.30	97.25
		For 90 Degree Corner, Add	*72.35*	
		For Valve Enclosure, Add	*72.35*	
		For Filler Piece, Add	*65.35*	
		For End Cap, Add	*48.52*	
		For Copper Tube With Aluminum Fins, Add	*19.06*	
23 82 36 00-0006	EA	10' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	819.97	136.17
		For 90 Degree Corner, Add	*87.81*	
		For Valve Enclosure, Add	*87.81*	
		For Filler Piece, Add	*80.81*	
		For End Cap, Add	*58.57*	
		For Copper Tube With Aluminum Fins, Add	*23.70*	
23 82 36 00-0007	EA	12' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	980.60	163.59
		For 90 Degree Corner, Add	*103.51*	
		For Valve Enclosure, Add	*103.51*	
		For Filler Piece, Add	*96.51*	
		For End Cap, Add	*68.78*	
		For Copper Tube With Aluminum Fins, Add	*28.22*	
23 82 36 00-0008	EA	14' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	1,114.40	174.56
		For 90 Degree Corner, Add	*109.75*	
		For Valve Enclosure, Add	*109.75*	
		For Filler Piece, Add	*102.75*	
		For End Cap, Add	*72.84*	
		For Copper Tube With Aluminum Fins, Add	*33.86*	
23 82 36 00-0009	EA	16' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	1,228.34	192.90
		For 90 Degree Corner, Add	*120.23*	
		For Valve Enclosure, Add	*120.23*	
		For Filler Piece, Add	*113.23*	
		For End Cap, Add	*79.65*	
		For Copper Tube With Aluminum Fins, Add	*37.25*	
23 82 36 00-0010	EA	18' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	1,403.25	218.21
		For 90 Degree Corner, Add	*134.69*	
		For Valve Enclosure, Add	*134.69*	
		For Filler Piece, Add	*127.69*	
		For End Cap, Add	*89.05*	
		For Copper Tube With Aluminum Fins, Add	*42.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 36 00-0011	EA	20' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	1,547.74	240.02
		For 90 Degree Corner, Add	*147.17*	
		For Valve Enclosure, Add	*147.17*	
		For Filler Piece, Add	*140.17*	
		For End Cap, Add	*97.16*	
		For Copper Tube With Aluminum Fins, Add	*47.40*	
23 82 36 00-0012		**1" IPS Steel Tube With Steel Fins** *(23 82 36 00-0001)*		
23 82 36 00-0013	EA	4' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	482.82	48.63
		For 90 Degree Corner, Add	*57.05*	
		For Valve Enclosure, Add	*57.05*	
		For Filler Piece, Add	*50.05*	
		For End Cap, Add	*38.58*	
		For Copper Tube With Aluminum Fins, Add	*13.62*	
23 82 36 00-0014	EA	6' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	654.73	73.56
		For 90 Degree Corner, Add	*66.68*	
		For Valve Enclosure, Add	*66.68*	
		For Filler Piece, Add	*59.68*	
		For End Cap, Add	*44.84*	
		For Copper Tube With Aluminum Fins, Add	*20.42*	
23 82 36 00-0015	EA	8' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	806.85	97.25
		For 90 Degree Corner, Add	*72.35*	
		For Valve Enclosure, Add	*72.35*	
		For Filler Piece, Add	*65.35*	
		For End Cap, Add	*48.52*	
		For Copper Tube With Aluminum Fins, Add	*27.23*	
23 82 36 00-0016	EA	10' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,004.81	136.17
		For 90 Degree Corner, Add	*87.83*	
		For Valve Enclosure, Add	*87.83*	
		For Filler Piece, Add	*80.83*	
		For End Cap, Add	*58.59*	
		For Copper Tube With Aluminum Fins, Add	*33.86*	
23 82 36 00-0017	EA	12' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,200.26	163.59
		For 90 Degree Corner, Add	*103.47*	
		For Valve Enclosure, Add	*103.47*	
		For Filler Piece, Add	*96.47*	
		For End Cap, Add	*68.76*	
		For Copper Tube With Aluminum Fins, Add	*40.31*	
23 82 36 00-0018	EA	14' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,378.26	174.56
		For 90 Degree Corner, Add	*109.75*	
		For Valve Enclosure, Add	*109.75*	
		For Filler Piece, Add	*102.75*	
		For End Cap, Add	*72.84*	
		For Copper Tube With Aluminum Fins, Add	*48.37*	
23 82 36 00-0019	EA	16' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,518.19	192.90
		For 90 Degree Corner, Add	*120.15*	
		For Valve Enclosure, Add	*120.15*	
		For Filler Piece, Add	*113.15*	
		For End Cap, Add	*79.60*	
		For Copper Tube With Aluminum Fins, Add	*53.21*	
23 82 36 00-0020	EA	18' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,737.47	218.21
		For 90 Degree Corner, Add	*134.69*	
		For Valve Enclosure, Add	*134.69*	
		For Filler Piece, Add	*127.69*	
		For End Cap, Add	*89.05*	
		For Copper Tube With Aluminum Fins, Add	*61.27*	
23 82 36 00-0021	EA	20' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,916.40	240.02
		For 90 Degree Corner, Add	*147.02*	
		For Valve Enclosure, Add	*147.02*	
		For Filler Piece, Add	*140.02*	
		For End Cap, Add	*97.06*	
		For Copper Tube With Aluminum Fins, Add	*67.72*	
23 82 36 00-0022		**1-1/4" IPS Steel Tube With Steel Fins** *(23 82 36 00-0001)*		
23 82 36 00-0023	EA	4' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	557.09	48.63
		For 90 Degree Corner, Add	*57.05*	
		For Valve Enclosure, Add	*57.05*	
		For Filler Piece, Add	*50.05*	
		For End Cap, Add	*38.58*	
		For Copper Tube With Aluminum Fins, Add	*17.70*	
23 82 36 00-0024	EA	6' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	766.13	73.56
		For 90 Degree Corner, Add	*66.68*	
		For Valve Enclosure, Add	*66.68*	
		For Filler Piece, Add	*59.68*	
		For End Cap, Add	*44.84*	
		For Copper Tube With Aluminum Fins, Add	*26.55*	
23 82 36 00-0025	EA	8' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	955.39	97.25
		For 90 Degree Corner, Add	*72.35*	
		For Valve Enclosure, Add	*72.35*	
		For Filler Piece, Add	*65.35*	
		For End Cap, Add	*48.52*	
		For Copper Tube With Aluminum Fins, Add	*35.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 36 00-0026	EA	10' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,189.51	136.17
		For 90 Degree Corner, Add	*87.83*	
		For Valve Enclosure, Add	*87.83*	
		For Filler Piece, Add	*80.83*	
		For End Cap, Add	*58.59*	
		For Copper Tube With Aluminum Fins, Add	*44.02*	
23 82 36 00-0027	EA	12' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,420.13	163.59
		For 90 Degree Corner, Add	*103.47*	
		For Valve Enclosure, Add	*103.47*	
		For Filler Piece, Add	*96.47*	
		For End Cap, Add	*68.76*	
		For Copper Tube With Aluminum Fins, Add	*52.40*	
23 82 36 00-0028	EA	14' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,642.11	174.56
		For 90 Degree Corner, Add	*109.75*	
		For Valve Enclosure, Add	*109.75*	
		For Filler Piece, Add	*102.75*	
		For End Cap, Add	*72.84*	
		For Copper Tube With Aluminum Fins, Add	*62.88*	
23 82 36 00-0029	EA	16' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,808.42	192.90
		For 90 Degree Corner, Add	*120.15*	
		For Valve Enclosure, Add	*120.15*	
		For Filler Piece, Add	*113.15*	
		For End Cap, Add	*79.60*	
		For Copper Tube With Aluminum Fins, Add	*69.17*	
23 82 36 00-0030	EA	18' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	2,071.68	218.21
		For 90 Degree Corner, Add	*134.69*	
		For Valve Enclosure, Add	*134.69*	
		For Filler Piece, Add	*127.69*	
		For End Cap, Add	*89.05*	
		For Copper Tube With Aluminum Fins, Add	*79.65*	
23 82 36 00-0031	EA	20' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	2,285.78	240.02
		For 90 Degree Corner, Add	*147.02*	
		For Valve Enclosure, Add	*147.02*	
		For Filler Piece, Add	*140.02*	
		For End Cap, Add	*97.06*	
		For Copper Tube With Aluminum Fins, Add	*88.04*	

23 82 36 00-0032 Electric Baseboard Heating *(23 82 36)*

Note: Includes 24 gauge steel enclosure and heating element

23 82 36 00-0033 Electric Wall Heating 10" Enclosure *(23 82 36 00-0032)*

23 82 36 00-0034	LF	Electric Wall Heating, 10" Enclosure, Low Capacity Electric Unit, Element <250 Watts/FT	163.28	74.64
23 82 36 00-0035	LF	Electric Wall Heating, 10" Enclosure, Low Capacity Electric Unit, Element >= 250 Watts/FT	166.94	74.64

23 82 36 00-0036 Electric Wall Heating 16" Enclosure *(23 82 36 00-0032)*

23 82 36 00-0037	LF	Electric Wall Heating, 16" Enclosure, Low Capacity Electric Unit, Element <350 Watts/FT	199.85	74.64
23 82 36 00-0038	LF	Electric Wall Heating, 16" Enclosure, Low Capacity Electric Unit, Element >= 350 Watts/FT	209.00	74.64

23 82 39 Unit Heaters *(23 82)*

23 82 39 13 Cabinet Unit Heaters *(23 82 39)*

23 82 39 13-0001 Removal and Reinstallation of Cabinet Unit Heaters *(23 82 39 13)*

Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.

23 82 39 13-0002	EA	Removal And Reinstallation Of Up To 58" Cabinet Unit Heater, Floor or Wall	342.90
23 82 39 13-0003	EA	Removal And Reinstallation Of >58" Cabinet Unit Heater, Floor or Wall	592.29
23 82 39 13-0004	EA	Removal And Reinstallation Of Up To 58" Cabinet Unit Heater, Ceiling	707.00
23 82 39 13-0005	EA	Removal And Reinstallation Of >58" Cabinet Unit Heater, Ceiling	956.37

23 82 39 16 Propeller Unit Heaters *(23 82 39)*

23 82 39 16-0001 Removal and Reinstallation of Propeller Unit Heaters *(23 82 39 16)*

Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.

23 82 39 16-0002	EA	Removal And Reinstallation Of Up To 120 MBH Steam, 87.1 MBH Hot Water Hydronic Unit Heater, Horizontal or Vertical	748.14
23 82 39 16-0003	EA	Removal And Reinstallation Of >120 MBH Steam, 87.1 MBH Hot Water Hydronic Unit Heater, Horizontal or Vertical	997.52

23 82 39 19 Wall and Ceiling Unit Heaters *(23 82 39)*

23 82 39 19-0001 Electric Unit Heaters *(23 82 39 19)*

Note: May be mounted both vertically and horizontally.

23 82 39 19-0002	EA	3 KW, 350 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	1,051.84	135.70
23 82 39 19-0003	EA	5 KW, 350 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	1,051.84	135.70
23 82 39 19-0004	EA	7.5 KW, 650 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	1,413.49	169.62
23 82 39 19-0005	EA	10 KW, 650 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	1,619.31	203.54
23 82 39 19-0006	EA	15 KW, 910 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	2,368.18	271.39
23 82 39 19-0007	EA	20 KW, 1,320 CFM Electric Unit Heater, 208, 240/208, 277, or 480 Volt	3,461.41	339.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 39 19-0008	EA	30 KW, 2,100 CFM Electric Unit Heater, Two speed; 208, 240/208, 277, or 480 Volt	4,790.46	407.09
23 82 39 19-0009	EA	50 KW, 3,000 CFM Electric Unit Heater, Two speed; 208, 240/208, 277, or 480 Volt	7,027.60	474.93
23 82 39 19-0010	EA	3 KW, 350 CFM Electric Unit Heater - 480 Volt	1,305.55	135.70
23 82 39 19-0011	EA	5 KW, 350 CFM Electric Unit Heater - 480 Volt	1,256.03	135.70
23 82 39 19-0012	EA	7.5 KW, 650 CFM Electric Unit Heater - 480 Volt	1,486.00	169.62
23 82 39 19-0013	EA	10 KW, 650 CFM Electric Unit Heater - 480 Volt	1,713.65	203.54
23 82 39 19-0014	EA	15 KW, 910 CFM Electric Unit Heater - 480 Volt	2,556.85	271.39
23 82 39 19-0015		**Electric Ceiling and Wall Heaters** *(23 82 39 19)* Note: The "/" between wattages indicates two or three speed operation. 120, 240/208 or 277 Volt.		
23 82 39 19-0016	EA	1,000, 1,500 Or 2,000 Watt Recessed Electric Wall Heater	463.14	84.81
23 82 39 19-0017	EA	1,500/750 Or 2,000/1,000 Watt Recessed Electric Wall Heater	542.32	94.99
23 82 39 19-0018	EA	3,000, 3,600, 4,000 Or 4,800 Watt Recessed Electric Wall Heater	853.63	94.99
23 82 39 19-0019	EA	1,000, 1,500 Or 2,000 Watt Surface Mounted Electric Wall Heater	527.08	84.81
23 82 39 19-0020	EA	1,500/750 Or 2,000/1,000 Watt Surface Mounted Electric Wall Heater	643.23	94.99
23 82 39 19-0021	EA	3,000, 3,600, 4,000 Or 4,800 Watt Surface Mounted Electric Wall Heater	972.15	94.99
23 82 39 19-0022	EA	1,000, 1,500 Or 2,000/1,500 Watt Recessed Electric Ceiling Heater	693.15	111.94
23 82 39 19-0023	EA	3,000, 4,000 Or 4,000/3,000 Watt Recessed Electric Ceiling Heater	1,301.23	118.73
23 82 39 19-0024	EA	4,800/3,600 Watt Recessed Electric Ceiling Heater	1,465.75	118.73
23 82 39 19-0025	EA	4,000/3,000/2,000 Watt Recessed Or Surface Mounted Electric Ceiling Heater	1,702.65	125.52
23 82 39 19-0026	EA	5,000/3,800/2,500 Watt Recessed Or Surface Mounted Electric Ceiling Heater	1,847.11	125.52
23 82 39 19-0027	EA	1,000, 1,500 Or 2,000/1,500 Watt Surface Mounted Electric Ceiling Heater	778.60	111.94
23 82 39 19-0028	EA	3,000, 4,000 Or 4,000/3,000 Watt Surface Mounted Electric Ceiling Heater	1,435.84	118.73
23 82 39 19-0029	EA	4,800/3,600 Watt Surface Mounted Electric Ceiling Heater	1,600.35	118.73
23 82 39 19-0030	EA	Selectable Wattage (500 Or 750 Or 1000 Or 1,250 Or 1,500 Or 1,750 Or 2,250 Watt), 240 Volt, Surface Mounted, Electric Wall Heater (Markel Series 305 - Model H30522T2DWB)	702.74	84.81
23 82 39 19-0031		**Removal And Reinstallation Of Electric Unit Heaters** *(23 82 39 19)* Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.		
23 82 39 19-0032	EA	Removal And Reinstallation Of Up To 15KW Electric Unit Heater	448.91	
23 82 39 19-0033	EA	Removal And Reinstallation Of >15 KW Electric Unit Heater	922.81	

23 84 Humidity Control Equipment *(23 80)*

23 84 13 Humidifiers *(23 84)*

23 84 13 23 Direct-Steam-Injection Humidifiers *(23 84 13)*

23 84 13 23-0001		**Steam Type Pneumatically Controlled** *(23 84 13 23)* Note: For duct or air handling installation standard unit with integral operator distribution manifold strainer trap and pneumatic modulating valve. Excludes humidistat and piping.		
23 84 13 23-0002	EA	3-191 Lb./Hour Steam Humidifier, 24" Manifold, Pneumatic Controls	2,207.01	329.18
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*678.73*	
23 84 13 23-0003	EA	3-191 Lb./Hour Steam Humidifier, 48" Manifold, Pneumatic Controls	2,207.01	329.18
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*678.73*	
23 84 13 23-0004	EA	65-334 Lb./Hour Steam Humidifier, 36" Manifold, Pneumatic Controls	3,178.21	329.18
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*970.09*	
23 84 13 23-0005	EA	65-334 Lb./Hour Steam Humidifier, 72" Manifold, Pneumatic Controls	3,302.89	411.48
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*1,011.65*	
23 84 13 23-0006	EA	100-690 Lb./Hour Steam Humidifier, 48" Manifold, Pneumatic Controls	4,775.12	329.18
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*1,449.16*	
23 84 13 23-0007	EA	100-690 Lb./Hour Steam Humidifier, 84" Manifold, Pneumatic Controls	4,899.80	411.48
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*1,490.72*	
23 84 13 23-0008	EA	220-2,000 Lb./Hour Steam Humidifier, 72" Manifold, Pneumatic Controls	7,394.98	411.48
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*2,239.28*	
23 84 13 23-0009	EA	220-2,000 Lb./Hour Steam Humidifier, 144" Manifold, Pneumatic Controls	7,550.84	514.97
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*2,291.23*	

23 84 13 29 Self-Contained Steam Humidifiers *(23 84 13)*

23 84 13 29-0001		**Residential Humidifiers** *(23 84 13 29)* Note: Includes solenoid valve and flow through water supply.		
23 84 13 29-0002	EA	Duct Or Furnace Mounted Humidifier, Residential Type	633.25	62.35

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

25 Integrated Automation

25 50 Integrated Automation Facility Controls *(25)*

25 55 Integrated Automation Control of HVAC *(25 50)*

See CSI section 23 09 00 00-0000 for Instrumentation And Control For HVAC.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 Electrical

Note: Termination costs are included with all electrical equipment, panel boards, fixtures and devices. Terminations are not included with patch panels. Electricial equipment and lighting shall conform to California Title 24.

26 01 Operation and Maintenance of Electrical Systems *(26)*

26 01 20 Operation and Maintenance of Low-Voltage Electrical Distribution *(26 01)*

26 01 20 91 Low-Voltage Electrical Distribution Restoration *(26 01 20)*

26 01 20 91-0001 Lock Out/Tag Out Devices *(26 01 20 91)*
Note: Includes following OSHA procedures and completing Owner's paperwork. Excludes circuit tracing.

26 01 20 91-0002 EA Lock Out/Tag Out Local Disconnect 47.22
Note: Excludes tag or padlock See CSI section 26 01 20 91-0004 for padlock, 26 01 20 91-0005 for tag(s).

26 01 20 91-0003 EA Lock Out/Tag Out Breaker Or Motor Starter 47.22
Note: Excludes tag or padlock See CSI section 26 01 20 91-0004 for padlock, 26 01 20 91-0005 for tag(s).

26 01 20 91-0004 EA Lock Out Padlock Device 13.12
Note: Includes the installation and removal of pad lock when required

26 01 20 91-0005 EA Lock Out Tags 5.05
Note: Includes filling out tag information, installation and removal of identifying tags.

26 01 20 91-0006 Existing Circuit Tracing *(26 01 20 91)*

26 01 20 91-0007 EA Motors, Diconnects And Other Single Source Devices, Existing Circuit Tracing Per Device 27.29

26 01 20 91-0008 EA Lighting, Existing Circuit Tracing Per Circuit 27.29

26 01 30 Operation and Maintenance of Facility Electrical Power Generating and Storing Equipment *(26 01)*

26 01 30 91 Facility Electrical Power Generating and Storing Equipment Restoration *(26 01 30)*

26 01 30 91-0001 Cleaning Photovoltaic Collectors *(26 01 30 91)*
Note: Includes pressure washer with filtered water (owner supplied from hose faucet).

26 01 30 91-0002 SF Rinse Photovoltaic Collectors 0.21
Note: Rinse solar panels with clean (filtered) water using hose

For Up To 100, Add	*0.16*
For >100 To 250, Add	*0.07*
For >250 To 500, Add	*0.03*
For >5,000 To 10,000, Deduct	*-0.01*
For >10,000 To 15,000, Deduct	*-0.02*
For >15,000 To 30,000, Deduct	*-0.03*
For >30,000, Deduct	*-0.04*

26 01 30 91-0003 SF Cleaning And Washing Photovoltaic Collectors With Brush, Ground Level Or On Flat Roof 0.34
Note: Includes pre-rinse solar panels with clean water, soft scrubber with soapy water, and final rinse with clean water.

For Up To 100, Add	*0.26*
For >100 To 250, Add	*0.12*
For >250 To 500, Add	*0.05*
For >5,000 To 10,000, Deduct	*-0.02*
For >10,000 To 15,000, Deduct	*-0.03*
For >15,000 To 30,000, Deduct	*-0.05*
For >30,000, Deduct	*-0.07*

26 01 30 91-0004 SF Cleaning And Washing Photovoltaic Collectors With Telescoping Pole Brush, Pitched Roof 0.64
Note: Includes pre-rinse solar panels with clean water, soft scrubber with soapy water, and final rinse with clean water.

For Up To 100, Add	*0.48*
For >100 To 250, Add	*0.22*
For >250 To 500, Add	*0.10*
For >5,000 To 10,000, Deduct	*-0.03*
For >10,000 To 15,000, Deduct	*-0.06*
For >15,000 To 30,000, Deduct	*-0.10*
For >30,000, Deduct	*-0.13*

26 01 30 91-0005 Emergency Generator Permits *(26 01 30 91)*

26 01 30 91-0006 Air Pollution Control Board *(26 01 30 91-0005)*

26 01 30 91-0007 EA APCD Permit To Construct And Operate Emergency Generator 5,181.28

26 01 50 Operation and Maintenance of Lighting *(26 01)*

26 01 50 51 Luminaire Relamping *(26 01 50)*

26 01 50 51-0001 Replace Lamps In Existing Fixtures *(26 01 50 51)*
Note: Includes removal of existing lamp from fixture and installation of new lamp. Excludes disposal of hazardous lamps.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0002		**Halogen Lamps** *(26 01 50 51-0001)*		
26 01 50 51-0003	EA	300 Watt, T3, Tungsten Halogen Lamp	62.33	
26 01 50 51-0004	EA	500 Watt, T3, Tungsten Halogen Lamp	80.83	
26 01 50 51-0005	EA	1,000 Watt, T3, Tungsten Halogen Lamp	121.29	
26 01 50 51-0006	EA	60 Watt, PAR38, Halogen Lamp	29.77	
26 01 50 51-0007	EA	75 Watt, PAR38, Halogen Lamp	29.77	
26 01 50 51-0008	EA	90 Watt, PAR38, Halogen Lamp	28.12	
26 01 50 51-0009	EA	100 Watt, PAR38, Halogen Lamp	28.12	
26 01 50 51-0010	EA	60 Watt, PAR38, Halogen IR Reflective Lamp	38.92	
26 01 50 51-0011	EA	67 Watt, PAR38, Halogen IR Reflective Lamp	42.72	
26 01 50 51-0012	EA	70 Watt, PAR38, Halogen IR Reflective Lamp	41.74	
26 01 50 51-0013	EA	90 Watt, PAR38, Halogen IR Reflective Lamp	44.65	
26 01 50 51-0014	EA	100 Watt, PAR38, Halogen IR Reflective Lamp	45.27	
26 01 50 51-0015	EA	12 Watt, 10 Degree Beam, Base B01, Halogen Lamp (Soraa MR16-65-B01-12-830-10)	24.74	
26 01 50 51-0016	EA	12 Watt, 20 Degree Beam, Base B01, Halogen Lamp (Soraa MR16-75-B01-12-830-20)	24.74	
26 01 50 51-0017	EA	12 Watt, 25 Degree Beam, Base B01, Halogen Lamp (Soraa MR16-75-B01-12-830-25)	27.10	
26 01 50 51-0018	EA	12 Watt, 36 Degree Beam, Base B01, Halogen Lamp (Soraa MR16-75-B01-12-830-36)	27.10	
26 01 50 51-0019		**Exit Light Lamps** *(26 01 50 51-0001)*		
26 01 50 51-0020	EA	Convert Exit Light Lamps To Red LED Lamps	128.20	
		For Green LED Lamps, Add	*25.00*	
26 01 50 51-0021	EA	Fluorescent Lamp For Exit Light	36.67	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-8.68*	
26 01 50 51-0022	EA	Lamp Replacement For Emergency Lights On Exit Sign	50.65	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-4.34*	
26 01 50 51-0023		**Fluorescent Lamps** *(26 01 50 51-0001)*		
26 01 50 51-0024	EA	18", 15 Watt, T8 Fluorescent Lamp	13.76	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.47*	
26 01 50 51-0025	EA	2', 17 Watt, T8 Fluorescent Lamp	16.56	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.47*	
26 01 50 51-0026	EA	3', 25 Watt, T8 Fluorescent Lamp	19.02	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.90*	
26 01 50 51-0027	EA	4', 28 Watt, Rapid Start T8 Fluorescent Lamp	21.08	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.90*	
26 01 50 51-0028	EA	4', 32 Watt, T8 Fluorescent Lamp	18.75	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.90*	
26 01 50 51-0029	EA	4', 30 Watt, T8 Fluorescent Lamp	23.85	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.90*	
26 01 50 51-0030	EA	4', 28 Watt, T8 Fluorescent Lamp	20.91	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.90*	
26 01 50 51-0031	EA	4', 25 Watt, T8 Fluorescent Lamp	20.79	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.90*	
26 01 50 51-0032	EA	4', 44 Watt, T8HO Fluorescent Lamp	33.45	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.90*	
26 01 50 51-0033	EA	8', 59 Watt, T8 Fluorescent Lamp	25.50	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.90*	
26 01 50 51-0034	EA	18", 15 Watt, T12 Fluorescent Lamp	20.81	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.47*	
26 01 50 51-0035	EA	2', 20 Watt, T12 Fluorescent Lamp	15.76	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.47*	
26 01 50 51-0036	EA	3', 30 Watt, T12 Fluorescent Lamp	17.69	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.90*	
26 01 50 51-0037	EA	4', 34 Watt, T12 Fluorescent Lamp	17.78	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.90*	
26 01 50 51-0038	EA	4', 40 Watt, T12 Fluorescent Lamp	17.41	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.90*	
26 01 50 51-0039	EA	8', 60 Watt, T12 Fluorescent Lamp	26.14	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.90*	
26 01 50 51-0040	EA	8', 75 Watt, T12 Fluorescent Lamp	22.08	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.90*	
26 01 50 51-0041	EA	8', 95 Watt, Instant Start T12 Fluorescent Lamp	37.10	
26 01 50 51-0042	EA	6" Diameter, 20 Watt, Circular T9 Fluorescent Lamp	21.07	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.47*	
26 01 50 51-0043	EA	8" Diameter, 22 Watt, Circular T9 Fluorescent Lamp	17.32	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.47*	
26 01 50 51-0044	EA	12" Diameter, 32 Watt, Circular T9 Fluorescent Lamp	16.75	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.47*	
26 01 50 51-0045	EA	16" Diameter, 40 Watt, Circular T9 Fluorescent Lamp	18.54	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.47*	
26 01 50 51-0046	EA	32 Watt, Rapid Start, U-Shaped T8 Fluorescent Lamp	30.66	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-4.34*	
26 01 50 51-0047	EA	40 Watt, Rapid Start, U-Shaped T12 Fluorescent Lamp	29.56	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-4.34*	
26 01 50 51-0048	EA	6", 4 Watt, T5 Fluorescent Lamp	15.28	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.47*	
26 01 50 51-0049	EA	9", 6 Watt, T5 Fluorescent Lamp	15.02	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.47*	
26 01 50 51-0050	EA	12", 8 Watt, T5 Fluorescent Lamp	15.51	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0051	EA	21", 13 Watt, T5 Fluorescent Lamp	16.22	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.47*	
26 01 50 51-0052	EA	24", 14 Watt, T5 Fluorescent Lamp	18.70	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.47*	
26 01 50 51-0053	EA	34", 21 Watt, T5 Fluorescent Lamp	20.33	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.90*	
26 01 50 51-0054	EA	46", 28 Watt, T5 Fluorescent Lamp	19.69	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.90*	
26 01 50 51-0055	EA	46", 54 Watt, T5HO Fluorescent Lamp	21.55	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.90*	
26 01 50 51-0056	EA	46", 54 Watt T5 Fluorescent Lamp	20.02	
26 01 50 51-0057	EA	5-13 Watt, 2-Pin Compact Fluorescent Lamp	12.08	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-2.17*	
26 01 50 51-0058	EA	9-26 Watt, 4-Pin Compact Fluorescent Lamp	13.37	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-2.17*	
26 01 50 51-0059	EA	27-55 Watt, 4-Pin Compact Fluorescent Lamp	27.55	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-2.17*	
26 01 50 51-0060	EA	Compact Fluorescent 13 Watt, 4-Pin Lamps CF13DD/E/827, Dulux	35.92	
26 01 50 51-0061	EA	Compact Fluorescent 18 Watt, 4-Pin Lamps CF18DD/E/827, Dulux	35.92	
26 01 50 51-0062	EA	32 Watt 2D (DoubleD) Fluorescent Lamp, 4-Pin	67.81	
26 01 50 51-0063	EA	26 Watt (1,600 Lumens) 4-pin Quad Tube PL Lamp	24.55	
26 01 50 51-0064	EA	<9 Watt, Screw-In, Spiral Compact Fluorescent Lamps	12.41	
26 01 50 51-0065	EA	9 To 27 Watt, Screw-In, Spiral Compact Fluorescent Lamps	10.72	
26 01 50 51-0066	EA	29 To 32 Watt, Screw-In, Spiral Compact Fluorescent Lamps	11.25	
26 01 50 51-0067	EA	33 To 42 Watt, Screw-In, Spiral Compact Fluorescent Lamps	46.17	
26 01 50 51-0068	EA	43 To 65 Watt, Screw-In, Spiral Compact Fluorescent Lamps	50.36	
26 01 50 51-0069	EA	85 Watt, Screw-In, Spiral Compact Fluorescent Lamps	95.86	
26 01 50 51-0070	EA	105 Watt, Screw-In, Spiral Compact Fluorescent Lamps	114.81	
26 01 50 51-0071	EA	200 Watt, Screw-In, Spiral Compact Fluorescent Lamps	118.67	
26 01 50 51-0072	EA	11 Watt, Screw-In, Compact Fluorescent Reflector Lamps	43.09	
26 01 50 51-0073	EA	15 Watt, Screw-In, Compact Fluorescent Reflector Lamps	44.94	
26 01 50 51-0074	EA	20 To 28 Watt, Screw-In, Compact Fluorescent Reflector Lamps	51.89	
26 01 50 51-0075		**Metal Halide Lamps** *(26 01 50 51-0001)*		
26 01 50 51-0076	EA	50 Watt, Pulse Start Metal Halide Lamp	53.01	
26 01 50 51-0077	EA	70 Watt, Pulse Start Metal Halide Lamp	50.71	
26 01 50 51-0078	EA	100 Watt, Pulse Start Metal Halide Lamp	57.96	
26 01 50 51-0079	EA	150 Watt, Pulse Start Metal Halide Lamp	56.32	
26 01 50 51-0080	EA	175 Watt, Pulse Start Metal Halide Lamp	55.84	
26 01 50 51-0081	EA	250 Watt, Pulse Start Metal Halide Lamp	56.17	
26 01 50 51-0082	EA	400 Watt, Pulse Start Metal Halide Lamp	67.72	
26 01 50 51-0083	EA	1,000 Watt, Pulse Start Metal Halide Lamp	78.79	
26 01 50 51-0084	EA	1,500 Watt, Pulse Start Metal Halide Lamp	78.34	
26 01 50 51-0085		**High Pressure Sodium Lamps** *(26 01 50 51-0001)*		
26 01 50 51-0086	EA	35 Watt, High Pressure Sodium Lamp	43.67	
		For Enclosed And Gasket Light Fixtures, Add	*3.34*	
26 01 50 51-0087	EA	50 Watt, High Pressure Sodium Lamp	43.67	
		For Enclosed And Gasket Light Fixtures, Add	*3.34*	
26 01 50 51-0088	EA	70 Watt, High Pressure Sodium Lamp	44.65	
		For Enclosed And Gasket Light Fixtures, Add	*3.34*	
26 01 50 51-0089	EA	100 Watt, High Pressure Sodium Lamp	46.54	
		For Enclosed And Gasket Light Fixtures, Add	*3.34*	
26 01 50 51-0090	EA	150 Watt, High Pressure Sodium Lamp	44.65	
		For Enclosed And Gasket Light Fixtures, Add	*3.34*	
26 01 50 51-0091	EA	250 Watt, High Pressure Sodium Lamp	44.65	
		For Enclosed And Gasket Light Fixtures, Add	*3.34*	
26 01 50 51-0092	EA	400 Watt, High Pressure Sodium Lamp	41.85	
		For Enclosed And Gasket Light Fixtures, Add	*3.34*	
26 01 50 51-0093	EA	1,000 Watt, High Pressure Sodium Lamp	97.52	
26 01 50 51-0094		**Low Pressure Sodium Lamps** *(26 01 50 51-0001)*		
26 01 50 51-0095	EA	35 Watt, Low Pressure Sodium Lamp	111.71	
26 01 50 51-0096	EA	55 Watt, Low Pressure Sodium Lamp	124.70	
26 01 50 51-0097	EA	70 Watt, Low Pressure Sodium Lamp	127.63	
26 01 50 51-0098	EA	90 Watt, Low Pressure Sodium Lamp	130.55	
26 01 50 51-0099	EA	135 Watt, Low Pressure Sodium Lamp	142.26	
26 01 50 51-0100	EA	180 Watt, Low Pressure Sodium Lamp	194.94	
26 01 50 51-0101		**LED Lamps** *(26 01 50 51-0001)*		
26 01 50 51-0102		**LED Lamps, Candelabra Base, CA10** *(26 01 50 51-0101)*		
26 01 50 51-0103	EA	3 Watt (25 Watt Incandescent Equivalent), Candelabra Base, CA10, Dimmable LED Lamp (Energy Star)	26.41	
26 01 50 51-0104		**LED Lamps, Medium Base, A19 Or A21** *(26 01 50 51-0101)*		
26 01 50 51-0105	EA	6 Watt (40 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star)	37.47	
26 01 50 51-0106	EA	11 Watt (60 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star)	37.47	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0107	EA	14 Watt (75 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star)	67.16	
26 01 50 51-0108	EA	17 Watt (75 Watt Incandescent Equivalent), Medium Base, A21, Dimmable LED Lamp (Energy Star)	44.96	
26 01 50 51-0109	EA	18 Watt (100 Watt Incandescent Equivalent), Medium Base, A21, Dimmable LED Lamp (Energy Star)	85.71	
26 01 50 51-0110		**LED Lamps, Medium Base, BR30 Or BR40** *(26 01 50 51-0101)*		
26 01 50 51-0111	EA	9.5 Watt (65 Watt Incandescent Equivalent), Medium Base, BR30, Dimmable LED Lamp (Energy Star)	49.61	
26 01 50 51-0112	EA	14 Watt (85 Watt Incandescent Equivalent), Medium Base, BR30, Dimmable LED Lamp (Energy Star)	43.34	
26 01 50 51-0113	EA	11 Watt (65 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	60.00	
26 01 50 51-0114	EA	14.5 Watt (75 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	48.90	
26 01 50 51-0115	EA	14 Watt (85 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	67.42	
26 01 50 51-0116	EA	18 Watt (90 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	48.90	
26 01 50 51-0117		**LED Lamps, Medium Base, PAR** *(26 01 50 51-0101)*		
26 01 50 51-0118	EA	7 Watt (45 Watt Halogen Equivalent), Medium Base, PAR20, Dimmable LED Lamp (Energy Star)	55.55	
26 01 50 51-0119	EA	12 Watt (60 Watt Halogen Equivalent), Medium Base, Short Neck Par30, Dimmable LED Lamp (Energy Star)	78.59	
26 01 50 51-0120	EA	16.3 Watt (65 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star)	78.59	
26 01 50 51-0121	EA	15.6 Watt (70 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star)	74.88	
26 01 50 51-0122	EA	12 Watt (50 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star)	71.17	
26 01 50 51-0123	EA	15 Watt (75 Watt Halogen Equivalent), Medium Base, Long Neck PAR30, Dimmable LED Lamp (Energy Star)	71.17	
26 01 50 51-0124	EA	18 Watt (90 Watt Halogen Equivalent), Medium Base, Long Neck PAR30, Dimmable LED Lamp (Energy Star)	146.13	
26 01 50 51-0125	EA	15 Watt (75 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star)	78.59	
26 01 50 51-0126	EA	18 Watt (90 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star)	74.88	
26 01 50 51-0127	EA	19 Watt (120 Watt Halogen Equivalent), Medium Base, Par38, Dimmable LED Lamp (Energy Star)	78.59	
26 01 50 51-0128	EA	24 Watt (120 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star)	78.59	
26 01 50 51-0129		**LED Lamps, GU Base, MR16** *(26 01 50 51-0101)*		
26 01 50 51-0130	EA	4 Watt (20 Watt Halogen Equivalent), GU5.3 Base, MR16, LED Lamp (Energy Star)	35.91	
26 01 50 51-0131	EA	6 Watt (30 Watt Halogen Equivalent), GU10 Base, MR16, Dimmable LED Lamp (Energy Star)	49.61	
26 01 50 51-0132	EA	8 Watt (50 Watt Halogen Equivalent), GU5.3 Base, MR16, Dimmable LED Lamp (Energy Star)	55.55	
26 01 50 51-0133		**LED Lamps, PL Series** *(26 01 50 51-0101)*		
26 01 50 51-0134	EA	3.5 Watt, 2-Pin CFL G23 Base , Hybrid Lamp (GreenCreative PLS 3.5 HYB G23)	18.20	
26 01 50 51-0135	EA	26 Watt, 2700K CCT, PL EDGE DIRect Series (Green Creative 9.5PLH/827/DIR)	24.16	
26 01 50 51-0136	EA	26 Watt, 3000K CCT, PL EDGE DIRect Series (Green Creative 9.5PLH/830/DIR)	20.63	
26 01 50 51-0137	EA	26 Watt, 3500K CCT, PL EDGE DIRect Series (Green Creative 9.5PLH/835/DIR)	22.84	
26 01 50 51-0138	EA	26 Watt, 4000K CCT, PL EDGE DIRect Series (Green Creative 9.5PLH/840/DIR)	22.84	
26 01 50 51-0139	EA	26 Watt, 3000K CCT, High CRI, PL EDGE DIRect Series (Green Creative 10.5PLH/930/DIR)	26.82	
26 01 50 51-0140	EA	13-18 Watt, 2700K CCT, PL EDGE DIRect Series (Green Creative 5.5PLH/827/DIR)	22.84	
26 01 50 51-0141	EA	13-18 Watt, 3000K CCT, PL EDGE DIRect Series (Green Creative 5.5PLH/830/DIR)	22.84	
26 01 50 51-0142	EA	13-18 Watt, 3500K CCT, PL EDGE DIRect Series (Green Creative 5.5PLH/835/DIR)	22.84	
26 01 50 51-0143	EA	13-18 Watt, 4000K CCT, PL EDGE DIRect Series (Green Creative 5.5PLH/840/DIR)	22.84	
26 01 50 51-0144	EA	26 Watt, 2700K CCT, PL EDGE DIRect Series (Green Creative 10PLV/827/DIR)	25.49	
26 01 50 51-0145	EA	26 Watt, 3000K CCT, PL EDGE DIRect Series (Green Creative 10PLV/830/DIR)	25.49	
26 01 50 51-0146	EA	26 Watt, 3500K CCT, PL EDGE DIRect Series (Green Creative 10PLV/835/DIR)	25.49	
26 01 50 51-0147	EA	26 Watt, 4000K CCT, PL EDGE DIRect Series (Green Creative 10PLV/840/DIR)	25.49	
26 01 50 51-0148	EA	26 Watt, 3000K CCT, High CRI, PL EDGE DIRect Series (Green Creative 11PLV/930/DIR)	24.16	
26 01 50 51-0149	EA	13-18 Watt, 2700K CCT, PL EDGE DIRect Series (Green Creative 6.5PLV/827/DIR)	24.16	
26 01 50 51-0150	EA	13-18 Watt, 3000K CCT, PL EDGE DIRect Series (Green Creative 6.5PLV/830/DIR)	24.16	
26 01 50 51-0151	EA	13-18 Watt, 3500K CCT, PL EDGE DIRect Series (Green Creative 6.5PLV/835/DIR)	25.05	
26 01 50 51-0152	EA	13-18 Watt, 4000K CCT, PL EDGE DIRect Series (Green Creative 6.5PLV/840/DIR)	25.05	
26 01 50 51-0153	EA	26 Watt, 2700K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/827/BYP)	25.24	
26 01 50 51-0154	EA	26 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/830/BYP)	25.24	
26 01 50 51-0155	EA	26 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/835/BYP)	25.24	
26 01 50 51-0156	EA	26 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/840/BYP)	25.24	
26 01 50 51-0157	EA	13-18 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 6PLH/835/BYP)	25.93	
26 01 50 51-0158	EA	13-18 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/840/BYP)	25.93	
26 01 50 51-0159	EA	13 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/830/BYP/E26)	25.93	
26 01 50 51-0160	EA	13 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 6PLH/835/BYP/E26)	25.93	
26 01 50 51-0161	EA	13 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/840/BYP/E26)	25.93	
26 01 50 51-0162	EA	13 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/830/BYP/GU24)	25.93	
26 01 50 51-0163	EA	13 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 6PLH/835/BYP/GU24)	25.93	
26 01 50 51-0164	EA	13 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/840/BYP/GU24)	25.93	
26 01 50 51-0165	EA	26 Watt, 2700K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/827/BYP)	32.84	
26 01 50 51-0166	EA	26 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/830/BYP)	32.84	
26 01 50 51-0167	EA	26 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/835/BYP)	32.84	
26 01 50 51-0168	EA	26 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/840/BYP)	31.25	
26 01 50 51-0169	EA	13-18 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 7PLV/835/BYP)	31.25	
26 01 50 51-0170	EA	13-18 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 7PLV/840/BYP)	31.25	
26 01 50 51-0171	EA	4 Pin, 6 Watt, 560 Lumens 4000K CCT, Horizontal Mount LED PL Lamp (Green Creative 57898)	27.96	
26 01 50 51-0172		**HID LED Lamps, Medium Base E26** *(26 01 50 51-0101)*		
26 01 50 51-0173	EA	27 Watt, 4000K CCT, Medium Base E26, LED Lamp (Green Creative 27HID/840/277V/E26)	61.75	
26 01 50 51-0174	EA	27 Watt, 5000K CCT, Medium Base E26, LED Lamp (Green Creative 27HID/850/277V/E26)	61.75	
26 01 50 51-0175	EA	45 Watt, 4000K CCT, Medium Base E26, LED Lamp (Green Creative 45HID/840/277V/E26)	78.10	
26 01 50 51-0176	EA	45 Watt, 5000K CCT, Medium Base E26, LED Lamp (Green Creative 45HID/850/277V/E26)	78.10	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0177	EA	10 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-3026)	54.58	
26 01 50 51-0178	EA	10 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-4026)	54.58	
26 01 50 51-0179	EA	10 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-5026)	54.58	
26 01 50 51-0180	EA	10 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-6026)	54.58	
26 01 50 51-0181	EA	15 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-3026)	56.35	
26 01 50 51-0182	EA	15 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-4026)	56.35	
26 01 50 51-0183	EA	15 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-5026)	56.35	
26 01 50 51-0184	EA	15 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-6026)	56.35	
26 01 50 51-0185	EA	20 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-3026)	63.43	
26 01 50 51-0186	EA	20 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-4026)	63.43	
26 01 50 51-0187	EA	20 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-5026)	63.43	
26 01 50 51-0188	EA	20 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-6026)	63.43	
26 01 50 51-0189	EA	25 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-3026)	72.27	
26 01 50 51-0190	EA	25 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-4026)	72.27	
26 01 50 51-0191	EA	25 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-5026)	72.27	
26 01 50 51-0192	EA	25 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-6026)	72.27	
26 01 50 51-0193	EA	30 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-3026)	91.72	
26 01 50 51-0194	EA	30 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-4026)	91.72	
26 01 50 51-0195	EA	30 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-5026)	91.72	
26 01 50 51-0196	EA	30 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-6026)	91.72	
26 01 50 51-0197	EA	40 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-3026)	108.53	
26 01 50 51-0198	EA	40 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-4026)	108.53	
26 01 50 51-0199	EA	40 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-5026)	108.53	
26 01 50 51-0200	EA	40 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-6026)	108.53	
26 01 50 51-0201	EA	60 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-3026)	120.02	
26 01 50 51-0202	EA	60 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-4026)	120.02	
26 01 50 51-0203	EA	60 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-5026)	120.02	
26 01 50 51-0204	EA	60 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-6026)	120.02	
26 01 50 51-0205	EA	80 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-3026)	161.58	
26 01 50 51-0206	EA	80 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-4026)	161.58	
26 01 50 51-0207	EA	80 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-5026)	161.58	
26 01 50 51-0208	EA	80 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-6026)	161.58	
26 01 50 51-0209	EA	100 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-3026)	166.89	
26 01 50 51-0210	EA	100 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-4026)	166.89	
26 01 50 51-0211	EA	100 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-5026)	166.89	
26 01 50 51-0212	EA	100 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-6026)	166.89	
26 01 50 51-0213	EA	120 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-3026)	197.84	
26 01 50 51-0214	EA	120 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-4026)	197.84	
26 01 50 51-0215	EA	120 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-5026)	197.84	
26 01 50 51-0216	EA	120 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-6026)	197.84	
26 01 50 51-0217	EA	150 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-3026)	234.98	
26 01 50 51-0218	EA	150 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-4026)	234.98	
26 01 50 51-0219	EA	150 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-5026)	234.98	
26 01 50 51-0220	EA	150 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-6026)	234.98	
26 01 50 51-0221	EA	20 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED20WPT40KMED-G6)	76.31	
26 01 50 51-0222	EA	20 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED20WPT50KMED-G6)	82.50	
26 01 50 51-0223	EA	27 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED27WPT40KMED-G5)	82.50	
26 01 50 51-0224	EA	27 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED27WPT50KMED-G5)	76.31	
26 01 50 51-0225	EA	36 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED36WPT40KMED-G5)	95.76	
26 01 50 51-0226	EA	36 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED36WPT50KMED-G5)	87.81	
26 01 50 51-0227	EA	45 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED45WPT40KMED-G5)	105.49	
26 01 50 51-0228	EA	45 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED45WPT50KMED-G5)	104.45	
26 01 50 51-0229	EA	54 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED54WPT40KMED-G5)	106.82	
26 01 50 51-0230	EA	54 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED54WPT50KMED-G5)	106.82	
26 01 50 51-0231	EA	27 Watt, 4000K CCT, Medium Base E26, LED Lamp (EiKO industries LED27WPT40KMED-G7)	64.84	
26 01 50 51-0232	EA	27 Watt, 5000K CCT, Medium Base E26, LED Lamp (EiKO industries LED27WPT50KMED-G7)	64.84	
26 01 50 51-0233	EA	36 Watt, 4000K CCT, Medium Base E26, LED Lamp (EiKO industries LED36WPT40KMED-G7)	73.02	
26 01 50 51-0234	EA	36 Watt, 5000K CCT, Medium Base E26, LED Lamp (EiKO industries LED36WPT50KMED-G7)	73.02	
26 01 50 51-0235	EA	45 Watt, 4000K CCT, Medium Base E26, LED Lamp (EiKO industries LED45WPT40KMED-G7)	78.46	
26 01 50 51-0236	EA	45 Watt, 5000K CCT, Medium Base E26, LED Lamp (EiKO industries LED45WPT50KMED-G7)	78.46	
26 01 50 51-0237	EA	54 Watt, 4000K CCT, Medium Base E26, LED Lamp (EiKO industries LED54WPT40KMED-G7)	86.63	
26 01 50 51-0238	EA	54 Watt, 5000K CCT, Medium Base E26, LED Lamp (EiKO industries LED54WPT50KMED-G7)	86.63	
26 01 50 51-0239	EA	20 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-20W8-55K-E26)	87.05	
26 01 50 51-0240	EA	30 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-30W8-55K-E26)	94.31	
26 01 50 51-0241	EA	40 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-40W8-55K-E26)	117.21	
26 01 50 51-0242	EA	50 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-50W8-55K-E26)	129.06	
26 01 50 51-0243	EA	10 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-10W12-55K-E26)	50.97	
26 01 50 51-0244	EA	15 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-15W12-55K-E26)	57.34	
26 01 50 51-0245	EA	20 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-20W12-55K-E26)	60.52	
26 01 50 51-0246	EA	25 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-25W12-55K-E26)	66.45	
26 01 50 51-0247	EA	15 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148015-UNV)	79.82	
26 01 50 51-0248	EA	20 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148020-UNV)	93.43	
26 01 50 51-0249	EA	25 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148025-UNV)	127.44	
26 01 50 51-0250	EA	30 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148030-UNV)	134.24	
26 01 50 51-0251	EA	35 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148035-UNV)	145.13	
26 01 50 51-0252	EA	40 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148040-UNV)	151.93	
26 01 50 51-0253	EA	60 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148060-UNV)	218.59	
26 01 50 51-0254	EA	20 Watt, 5000K CCT, 120-277 Volt, E26 (Medium) Base, LED Retrofit Omni-Directional Lamp (HYLITE HL-IOD-20W-E26-50K)	68.95	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0255		**HID LED Lamps, Mogul Base E39 Or EX39** *(26 01 50 51-0101)*		
26 01 50 51-0256	EA	120 Watt, 2700K CCT, Mogul Base EX39, HID LED Lamp (Green Creative 120HID/827/277V/EX39)	209.18	
26 01 50 51-0257	EA	120 Watt, 5000K CCT, Mogul Base EX39, HID LED Lamp (Green Creative 120HID/850/277V/EX39)	209.18	
26 01 50 51-0258	EA	120 Watt, 5700 CCT, Mogul Base EX39, HID LED Lamp (Green Creative 120HID/857/277V/EX39)	209.18	
26 01 50 51-0259	EA	27 Watt, 3000K CCT, Mogul Base E39, LED Lamp (Green Creative 27HID/830/277V/EX39)	61.75	
26 01 50 51-0260	EA	27 Watt, 4000K CCT, Mogul Base E39, LED Lamp (Green Creative 27HID/840/277V/EX39/R)	61.75	
26 01 50 51-0261	EA	27 Watt, 5000K CCT, Mogul Base E39, LED Lamp (Green Creative 27HID/850/277V/EX39)	61.75	
26 01 50 51-0262	EA	45 Watt, 3000K CCT, Mogul Base E39, LED Lamp (Green Creative 45HID/830/277V/EX39)	78.10	
26 01 50 51-0263	EA	45 Watt, 4000K CCT, Mogul Base E39, LED Lamp (Green Creative 45HID/840/277V/EX39/R)	78.10	
26 01 50 51-0264	EA	45 Watt, 5000K CCT, Mogul Base E39, LED Lamp (Green Creative 45HID/850/277V/EX39)	78.10	
26 01 50 51-0265	EA	80 Watt, 5000K CCT, Mogul Base E39, LED Lamp (Green Creative 80HID/850/277V/EX39)	144.43	
26 01 50 51-0266	EA	80 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-3039)	161.58	
26 01 50 51-0267	EA	80 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-4039)	161.58	
26 01 50 51-0268	EA	80 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-5039)	161.58	
26 01 50 51-0269	EA	80 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-6039)	161.58	
26 01 50 51-0270	EA	100 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-3039)	166.89	
26 01 50 51-0271	EA	100 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-4039)	166.89	
26 01 50 51-0272	EA	100 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-5039)	166.89	
26 01 50 51-0273	EA	100 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-6039)	166.89	
26 01 50 51-0274	EA	120 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-3039)	197.84	
26 01 50 51-0275	EA	120 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-4039)	197.84	
26 01 50 51-0276	EA	120 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-5039)	197.84	
26 01 50 51-0277	EA	120 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-6039)	197.84	
26 01 50 51-0278	EA	150 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-3039)	234.98	
26 01 50 51-0279	EA	150 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-4039)	234.98	
26 01 50 51-0280	EA	150 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-5039)	234.98	
26 01 50 51-0281	EA	150 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-6039)	234.98	
26 01 50 51-0282	EA	27 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED27WPT40KMOG-G5)	82.50	
26 01 50 51-0283	EA	27 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED27WPT50KMOG-G5)	82.50	
26 01 50 51-0284	EA	36 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED36WPT40KMOG-G5)	95.76	
26 01 50 51-0285	EA	36 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED36WPT50KMOG-G5)	94.54	
26 01 50 51-0286	EA	45 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED45WPT40KMOG-G5)	105.49	
26 01 50 51-0287	EA	45 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED45WPT50KMOG-G5)	104.45	
26 01 50 51-0288	EA	54 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED54WPT40KMOG-G5)	106.82	
26 01 50 51-0289	EA	54 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED54WPT50KMOG-G5)	103.74	
26 01 50 51-0290	EA	100 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED100WPT40KMOG-G5)	223.99	
26 01 50 51-0291	EA	20 Watt, 4000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED20WPT/180/40KMOG-G7)	82.47	
26 01 50 51-0292	EA	20 Watt, 5000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED20WPT/180/50KMOG-G7)	82.47	
26 01 50 51-0293	EA	30 Watt, 4000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED30WPT/180/40KMOG-G7)	93.47	
26 01 50 51-0294	EA	30 Watt, 5000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED30WPT/180/50KMOG-G7)	93.47	
26 01 50 51-0295	EA	40 Watt, 4000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED40WPT/180/40KMOG-G7)	100.09	
26 01 50 51-0296	EA	40 Watt, 5000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED40WPT/180/50KMOG-G7)	100.09	
26 01 50 51-0297	EA	27 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED27WPT40KMOG-G7)	64.73	
26 01 50 51-0298	EA	27 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED27WPT50KMOG-G7)	64.73	
26 01 50 51-0299	EA	36 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED36WPT40KMOG-G7)	73.02	
26 01 50 51-0300	EA	36 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED36WPT50KMOG-G7)	73.02	
26 01 50 51-0301	EA	45 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED45WPT40KMOG-G7)	78.46	
26 01 50 51-0302	EA	45 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED45WPT50KMOG-G7)	78.46	
26 01 50 51-0303	EA	54 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED54WPT40KMOG-G7)	86.63	
26 01 50 51-0304	EA	54 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED54WPT50KMOG-G7)	86.63	
26 01 50 51-0305	EA	65 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-65W8-55K-E39)	155.50	
26 01 50 51-0306	EA	80 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-80W8-55K-E39)	179.73	
26 01 50 51-0307	EA	100 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-100W8-55K-E39)	214.22	
26 01 50 51-0308	EA	120 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-120W8-55K-E39)	417.30	
26 01 50 51-0309	EA	150 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-150W8-55K-E39)	394.11	
26 01 50 51-0310	EA	200 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-200W8-55K-E39)	417.30	
26 01 50 51-0311	EA	250 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-250W8-55K-E39)	419.11	
26 01 50 51-0312	EA	24 Watt, 3000K CCT, Mogul Base E39, LED Lamp (Light Efficient Design LED-8029M30-A)	64.33	
26 01 50 51-0313	EA	24 Watt, 4000K CCT, Mogul Base E39, LED Lamp (Light Efficient Design LED-8029M40-A)	64.33	
26 01 50 51-0314	EA	24 Watt, 5700K CCT, Mogul Base E39, LED Lamp (Light Efficient Design LED-8029M57-A)	64.33	
26 01 50 51-0315	EA	100 Watt, Mogul Base E39, LED Area Lamp (MaxLite AR100LED50)	188.91	
26 01 50 51-0316	EA	115 Watt, 4000K CCT, Mogul Base EX39, HID LED Lamp (Keystone KT-LED115HID-V-EX39-840-D)	433.63	
26 01 50 51-0317	EA	40 Watt, 120-277 Volt, 5000K CCT, E39 Base, LED Arc-Cob Lamp (HYLITE HL-AC-40W-E39-50K)	180.90	
26 01 50 51-0318	EA	100 Watt, 480 Volt, 5000K CCT, E39 Base, LED Omni-Cob Lamp (HYLITE HL-OC-100W-E39-50K)	212.90	
26 01 50 51-0319	EA	45 Watt, 120-277 Volt, 5000K CCT, E39 Base, LED Omni-Cob Lamp (HYLITE HL-OC-45W-E39-50K)	94.54	
26 01 50 51-0320	EA	40 Watt, 5680 Lumens, Mogul Base E39, LED Directional Flood Lamp (HYLITE HL-IDL-40W-E39-50K)	302.42	
26 01 50 51-0321		**LED Lamps, 2G11 Base** *(26 01 50 51-0101)*		
26 01 50 51-0322	EA	19 Watt, 1550 Lumens, 3500K CCT, 2G11 Base, Dimmable LED Lamp (Green Creative 14.5PLL/835/DIR)	50.94	
26 01 50 51-0323		**LED Lamps, GX23 Or G23 Base** *(26 01 50 51-0101)*		
26 01 50 51-0324	EA	5 Watt, 580 Lumens, 2 Pin GX23 Base, Dimmable LED Lamp (Lunera HN-H-GX23-U-5W-840-G4)	25.11	
26 01 50 51-0325		**LED Lamps, G24 Base** *(26 01 50 51-0101)*		
26 01 50 51-0326	EA	5.5 Watt, 500 Lumens, G24 Base, LED Lamp (Green Creative 5.5PLH/835/DIR/R)	32.60	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0327		**LED Tubes (Fluorescent Lamp Replacement)** *(26 01 50 51-0101)*		
26 01 50 51-0328	EA	2', 1,250 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-24IN-4000K)	44.72	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.47*	
26 01 50 51-0329	EA	2', 1,900 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-24INU-4000K)	58.18	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.47*	
26 01 50 51-0330	EA	3', 1,900 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-36IN-4000K)	48.18	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.69*	
26 01 50 51-0331	EA	4', 1,900 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-48IN-4000K)	52.76	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.90*	
26 01 50 51-0332	EA	4', 2,200 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2HO-T8-48IN-4000K)	57.81	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.90*	
26 01 50 51-0333	EA	4', 2,539 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Carson Technology CT-D02018TBN)	36.34	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.90*	
26 01 50 51-0334	EA	2', 1,348 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Carson Technology CT-D02010TBN)	35.03	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.47*	
26 01 50 51-0335	EA	2', 1,100 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED9T8/L24/FG/835/BF)	31.91	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.47*	
26 01 50 51-0336	EA	3', 1,650 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED12T8/L36/FG/835/BF)	32.47	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.69*	
26 01 50 51-0337	EA	4', 1,700 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED14T8/L48/FG/835/BF)	32.46	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.90*	
26 01 50 51-0338	EA	4', 2,100 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED17T8/L48/FG/835/BF)	33.65	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.90*	
26 01 50 51-0339		**Filament LED Lamps** *(26 01 50 51-0101)*		
26 01 50 51-0340	EA	7.5 Watt, 2700K CCT, Clear A19 Filament LED Lamp (Green Creative 7.5FA19DIM/827)	20.26	
26 01 50 51-0341	EA	4.5 Watt, 2700K CCT, Clear A19 Filament LED Lamp (Green Creative 4.5A19DIM/827/R)	20.26	
26 01 50 51-0342	EA	4.5 Watt, 2700K CCT, Clear A19 Filament LED Lamp (Green Creative 4.5FA19DIM/827)	19.38	
26 01 50 51-0343	EA	4.5 Watt, 2400 CCT, Amber A19 Filament LED Lamp (Green Creative 4.5FA19DIM/824/A)	19.38	
26 01 50 51-0344	EA	4.5 Watt, 2700K CCT, Clear G25 Globe Filament LED Lamp (Green Creative 4.5FG25DIM/827)	20.79	
26 01 50 51-0345	EA	4.5 Watt, 2400 CCT, Amber G25 Globe Filament LED Lamp (Green Creative 4.5FG25DIM/824/A)	20.79	
26 01 50 51-0346	EA	3.5 Watt, 2700K CCT, Clear B10 Candle Filament LED Lamp (Green Creative 3.5FB10DIM/827)	17.61	
26 01 50 51-0347	EA	3.5 Watt, 2700K CCT, Clear B11 Candle Filament LED Lamp (Green Creative 3.5FB11DIM/827/E26)	17.61	
26 01 50 51-0348	EA	3.5 Watt, 2400 CCT, Amber B10 Candle Filament LED Lamp (Green Creative 3.5FBA10DIM/824/FT/A)	18.14	
26 01 50 51-0349	EA	3.5 Watt, 2400 CCT, Amber ST19 Filament LED Lamp (Green Creative 5FST19DIM/824/A)	22.03	
26 01 50 51-0350	EA	4.5 Watt, 120 Volt 450 Lumens ULTRA LED Filament Lamp (Sylvania 79521)	24.34	
26 01 50 51-0351		**Other Lamps** *(26 01 50 51-0101)*		
26 01 50 51-0352	EA	8 Watt, Medium Base, A19, A-Shape Dimmable LED Lamp (Philips 8A19/END/2700 DIM 6/1)	19.24	
26 01 50 51-0353	EA	8 Watt, Medium Base, A19, A-Shape Dimmable LED Lamp (Philips 7A19/2700 DIM)	19.24	
26 01 50 51-0354	EA	11 Watt, Medium Base, A19, A-Shape Dimmable LED Lamp (Philips 11A19/2700 DIM)	19.24	
26 01 50 51-0355	EA	12 Watt, Medium Base, Dimmable BR40 LED Lamp (Philips 12BR40/F90 2700 DIM AF 6/1)	20.12	
26 01 50 51-0356	EA	13 Watt, Medium Base, Dimmable PAR38 LED Single Optic Lamp (Philips 13PAR38/S15 4000 DIM AF SO 6/1)	20.12	
26 01 50 51-0357	EA	8 Watt, Medium Base, Dimmable PAR20 LED Lamp (Philips 8PAR20/END/F36 3000 DIM 6/1)	20.12	
26 01 50 51-0358	EA	24 Watt (100 Watt Incandescent Equivalent), Medium Base, LED Lamp (LED-8029-DL)	427.24	
26 01 50 51-0359		**LED Lamps, Light Engines, Round, LER Series** *(26 01 50 51-0101)*		
26 01 50 51-0360	EA	5.5" Diameter, 17 Watt, 3000K CCT, Round LED Light Engine (Maxlite LER5.5A1730)	58.74	
26 01 50 51-0361	EA	9 Watt, 120 Volt, 800 Lumens, 2700K, Omnidirectional Ultra LED A-line Lamp (Sylvania LED9A19/DIM/O/827/U)	33.83	
26 01 50 51-0362		**Remove Hazardous Lamps From Fixture For Recycling** *(26 01 50 51)* Note: Excludes containers, shipping costs and recycling fees. See CSI section 26 01 50 51-0371 for recycling hazardous lamps.		
26 01 50 51-0363	EA	Removal Of 2' Length Linear Fluorescent Lamps	4.60	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-1.52*	
26 01 50 51-0364	EA	Removal Of 3' Length Linear Fluorescent Lamps	5.26	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-1.74*	
26 01 50 51-0365	EA	Removal Of 4' Length Linear Fluorescent Lamps	5.91	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-1.95*	
26 01 50 51-0366	EA	Removal Of 6' Length Linear Fluorescent Lamps	6.57	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-2.17*	
26 01 50 51-0367	EA	Removal Of 8' Length Linear Fluorescent Lamps	7.23	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-2.39*	
26 01 50 51-0368	EA	Removal Of Compact Fluorescent Lamps	3.94	
		For >25 To 40, Deduct	*-0.39*	
		For >40, Deduct	*-0.79*	
26 01 50 51-0369	EA	Removal Of U-Shaped Or Circular Fluorescent Lamps	6.25	
		For >25 To 40, Deduct	*-0.63*	
		For >40, Deduct	*-1.25*	
26 01 50 51-0370	EA	Removal Of High Intensity Discharge (HID) Or Metal Halide Lamps	11.18	
		For >25 To 40, Deduct	*-1.12*	
		For >40, Deduct	*-2.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0371		**Recycle Hazardous Lamps** *(26 01 50 51)* Note: Includes containers, shipping costs and recycling fees. Excludes lamp removal. See CSI section 26 01 50 51-0001 for removal of lamps from fixtures.		
26 01 50 51-0372	EA	Recycle 2' Length Linear Fluorescent Lamps	1.83	
26 01 50 51-0373	EA	Recycle 3' Length Linear Fluorescent Lamps	2.35	
26 01 50 51-0374	EA	Recycle 4' Length Linear Fluorescent Lamps	2.86	
26 01 50 51-0375	EA	Recycle 6' Length Linear Fluorescent Lamps	4.05	
26 01 50 51-0376	EA	Recycle 8' Length Linear Fluorescent Lamps	5.07	
26 01 50 51-0377	EA	Recycle Compact Fluorescent Lamps	4.67	
26 01 50 51-0378	EA	Recycle U-Shaped Or Circular Fluorescent Lamps	4.67	
26 01 50 51-0379	EA	Recycle High Intensity Discharge (HID) Lamps	7.38	
26 01 50 52		**Ballasts Replacement** *(26 01 50)*		
26 01 50 52-0001		**Lighting Ballasts** *(26 01 50 52)* Note: Excludes recycling fees. See CSI section 02 84 16 00-0003 for ballast recycling.		
26 01 50 52-0002		**Fluorescent Ballasts** *(26 01 50 52-0001)*		
26 01 50 52-0003		**T5 Fluorescent Ballasts** *(26 01 50 52-0002)*		
26 01 50 52-0004		**T5 Fluorescent Electronic Ballasts** *(26 01 50 52-0003)* Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0005		**14 Watt, T5 Fluorescent Electronic Ballasts** *(26 01 50 52-0004)*		
26 01 50 52-0006	EA	1 Lamp, 14 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	125.99	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
		For High Ballast Factor, Add	*7.00*	
26 01 50 52-0007	EA	2 Lamp, 14 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	132.55	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
		For High Ballast Factor, Add	*7.00*	
26 01 50 52-0008		**21 Watt, T5 Fluorescent Electronic Ballasts** *(26 01 50 52-0004)*		
26 01 50 52-0009	EA	1 Lamp, 21 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	125.99	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
		For High Ballast Factor, Add	*7.00*	
26 01 50 52-0010	EA	2 Lamp, 21 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	132.55	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
		For High Ballast Factor, Add	*7.00*	
26 01 50 52-0011		**28 Watt, T5 Fluorescent Electronic Ballasts** *(26 01 50 52-0004)*		
26 01 50 52-0012	EA	1 Lamp, 28 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	125.99	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
		For High Ballast Factor, Add	*7.00*	
26 01 50 52-0013	EA	2 Lamp, 28 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	132.55	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
		For High Ballast Factor, Add	*7.00*	
26 01 50 52-0014		**35 Watt, T5 Fluorescent Electronic Ballasts** *(26 01 50 52-0004)*		
26 01 50 52-0015	EA	1 Lamp, 35 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	125.99	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0016	EA	2 Lamp, 35 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	132.55	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0017		**54 Watt, T5 Fluorescent Electronic Ballasts** *(26 01 50 52-0004)*		
26 01 50 52-0018	EA	1 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	125.85	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0019	EA	2 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	132.41	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0020	EA	3 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	180.85	39.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.83*	
26 01 50 52-0021	EA	4 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	187.42	46.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0022		**High-Output, T5HO Fluorescent Electronic Ballasts** *(26 01 50 52-0003)* Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0023		**12 Watt, High-Output, T5HO Fluorescent Electronic Ballasts** *(26 01 50 52-0022)*		
26 01 50 52-0024	EA	1 Lamp, 12 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	106.11	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0025	EA	2 Lamp, 12 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	112.67	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0026		**24 Watt, High-Output, T5HO Fluorescent Electronic Ballasts** *(26 01 50 52-0022)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0027	EA	1 Lamp, 24 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	137.89	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0028	EA	2 Lamp, 24 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	144.45	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0029		**39 Watt, High-Output, T5HO Fluorescent Electronic Ballasts** *(26 01 50 52-0022)*		
26 01 50 52-0030	EA	1 Lamp, 39 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	137.89	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0031	EA	2 Lamp, 39 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	144.45	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0032		**54 Watt, High-Output, T5HO Fluorescent Electronic Ballasts** *(26 01 50 52-0022)*		
26 01 50 52-0033	EA	1 Lamp, 54 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	106.11	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0034	EA	2 Lamp, 54 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	112.67	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0035		**Dimming, T5 Fluorescent Electronic Ballasts** *(26 01 50 52-0003)*		
26 01 50 52-0036		**Step Dimming, T5 Fluorescent Electronic Ballasts** *(26 01 50 52-0035)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0037		**28 Watt, Step Dimming, T5 Fluorescent Electronic Ballast** *(26 01 50 52-0036)*		
26 01 50 52-0038	EA	2 Lamp, 28 Watt, Programmed Start, Step Dimming, T5 Fluorescent Electronic Ballast	130.72	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0039		**Dimming To 5%, T5 Fluorescent Electronic Ballasts** *(26 01 50 52-0035)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0040		**54 Watt, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballasts** *(26 01 50 52-0039)*		
26 01 50 52-0041	EA	1 Lamp, 54 Watt, Programmed Start, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballast	438.97	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0042	EA	2 Lamp, 54 Watt, Programmed Start, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballast	433.52	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0043		**T8 Fluorescent Ballasts** *(26 01 50 52-0002)*		
26 01 50 52-0044		**T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0043)*		
		Note: Includes 120/277 Volt and low or normal ballast factor.		
26 01 50 52-0045		**17 Watt, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0044)*		
26 01 50 52-0046	EA	1 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast	56.74	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
		For High Ballast Factor, Add	*17.03*	
26 01 50 52-0047	EA	1 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	97.71	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
		For High Ballast Factor, Add	*11.20*	
26 01 50 52-0048	EA	2 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast	63.30	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
		For High Ballast Factor, Add	*17.03*	
26 01 50 52-0049	EA	2 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	104.27	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
		For High Ballast Factor, Add	*11.20*	
26 01 50 52-0050	EA	3 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast	77.08	39.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.83*	
		For High Ballast Factor, Add	*16.58*	
26 01 50 52-0051	EA	3 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	117.15	39.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.83*	
		For High Ballast Factor, Add	*9.52*	
26 01 50 52-0052	EA	4 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast	88.32	46.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
		For High Ballast Factor, Add	*41.98*	
26 01 50 52-0053	EA	4 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	128.62	46.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
		For High Ballast Factor, Add	*24.50*	
26 01 50 52-0054		**25 Watt, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0044)*		
26 01 50 52-0055	EA	1 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast	56.74	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
		For High Ballast Factor, Add	*17.03*	
26 01 50 52-0056	EA	1 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	97.71	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
		For High Ballast Factor, Add	*11.20*	
26 01 50 52-0057	EA	2 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast	63.30	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
		For High Ballast Factor, Add	*17.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0058	EA	2 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	104.27	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
		For High Ballast Factor, Add	*11.20*	
26 01 50 52-0059	EA	3 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast	77.08	39.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.83*	
		For High Ballast Factor, Add	*16.58*	
26 01 50 52-0060	EA	3 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	117.15	39.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.83*	
		For High Ballast Factor, Add	*9.52*	
26 01 50 52-0061	EA	4 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast	88.32	46.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
		For High Ballast Factor, Add	*41.98*	
26 01 50 52-0062	EA	4 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	128.62	46.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
		For High Ballast Factor, Add	*24.50*	
26 01 50 52-0063		**28 Watt, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0044)*		
26 01 50 52-0064	EA	1 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast	56.74	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
		For High Ballast Factor, Add	*17.03*	
26 01 50 52-0065	EA	1 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	97.71	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
		For High Ballast Factor, Add	*11.20*	
26 01 50 52-0066	EA	2 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast	63.30	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
		For High Ballast Factor, Add	*17.03*	
26 01 50 52-0067	EA	2 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	104.27	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
		For High Ballast Factor, Add	*11.20*	
26 01 50 52-0068	EA	3 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast	77.08	39.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.83*	
		For High Ballast Factor, Add	*16.58*	
26 01 50 52-0069	EA	3 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	117.15	39.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.83*	
		For High Ballast Factor, Add	*9.52*	
26 01 50 52-0070	EA	4 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast	88.32	46.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
		For High Ballast Factor, Add	*41.98*	
26 01 50 52-0071	EA	4 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	128.62	46.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
		For High Ballast Factor, Add	*24.50*	
26 01 50 52-0072		**32 Watt, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0044)*		
26 01 50 52-0073	EA	1 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast	56.74	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
		For High Ballast Factor, Add	*17.03*	
26 01 50 52-0074	EA	1 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	97.71	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
		For High Ballast Factor, Add	*11.20*	
26 01 50 52-0075	EA	2 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast	63.30	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
		For High Ballast Factor, Add	*17.03*	
26 01 50 52-0076	EA	2 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	104.27	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
		For High Ballast Factor, Add	*11.20*	
26 01 50 52-0077	EA	3 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast	77.08	39.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.83*	
		For High Ballast Factor, Add	*16.58*	
26 01 50 52-0078	EA	3 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	117.15	39.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.83*	
		For High Ballast Factor, Add	*9.52*	
26 01 50 52-0079	EA	4 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast	88.32	46.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
		For High Ballast Factor, Add	*41.98*	
26 01 50 52-0080	EA	4 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	128.62	46.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
		For High Ballast Factor, Add	*24.50*	
26 01 50 52-0081		**40 Watt, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0044)*		
26 01 50 52-0082	EA	1 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast	89.03	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
		For High Ballast Factor, Add	*7.28*	
26 01 50 52-0083	EA	1 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	97.71	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
		For High Ballast Factor, Add	*11.20*	
26 01 50 52-0084	EA	2 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast	95.59	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
		For High Ballast Factor, Add	*7.28*	
26 01 50 52-0085	EA	2 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	104.27	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
		For High Ballast Factor, Add	*11.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0086	EA	3 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast	119.25	39.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.83*	
		For High Ballast Factor, Add	*4.48*	
26 01 50 52-0087	EA	3 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	117.15	39.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.83*	
26 01 50 52-0088	EA	4 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast	125.82	46.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
		For High Ballast Factor, Add	*4.48*	
26 01 50 52-0089	EA	4 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	128.62	46.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0090		**96 Watt, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0044)*		
26 01 50 52-0091	EA	1 Lamp, 96 Watt, Instant Start, T8 Fluorescent Electronic Ballast	106.11	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
		For High Ballast Factor, Add	*15.60*	
26 01 50 52-0092	EA	2 Lamp, 96 Watt, Instant Start, T8 Fluorescent Electronic Ballast	112.67	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
		For High Ballast Factor, Add	*15.60*	
26 01 50 52-0093		**High-Output, T8HO Fluorescent Electronic Ballasts** *(26 01 50 52-0043)* Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0094		**48 Watt, High-Output, T8HO Fluorescent Electronic Ballasts** *(26 01 50 52-0093)*		
26 01 50 52-0095	EA	1 Lamp, 48 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	128.09	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0096	EA	1 Lamp, 48 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	166.06	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0097	EA	2 Lamp, 48 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	134.65	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0098	EA	2 Lamp, 48 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	172.62	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0099		**60 Watt, High-Output, T8HO Fluorescent Electronic Ballasts** *(26 01 50 52-0093)*		
26 01 50 52-0100	EA	1 Lamp, 60 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	128.09	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0101	EA	1 Lamp, 60 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	166.06	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0102	EA	2 Lamp, 60 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	134.65	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0103	EA	2 Lamp, 60 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	172.62	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0104		**72 Watt, High-Output, T8HO Fluorescent Electronic Ballasts** *(26 01 50 52-0093)*		
26 01 50 52-0105	EA	1 Lamp, 72 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	128.09	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0106	EA	1 Lamp, 72 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	166.06	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0107	EA	2 Lamp, 72 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	134.65	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0108	EA	2 Lamp, 72 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	172.62	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0109		**96 Watt, High-Output, T8HO Fluorescent Electronic Ballasts** *(26 01 50 52-0093)*		
26 01 50 52-0110	EA	1 Lamp, 96 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	128.09	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0111	EA	1 Lamp, 96 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	166.06	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0112	EA	2 Lamp, 96 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	134.65	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0113	EA	2 Lamp, 96 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	172.62	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0114		**Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0043)*		
26 01 50 52-0115		**Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0114)* Note: Includes 120/277 Volt and high ballast factor.		
26 01 50 52-0116		**17 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0115)*		
26 01 50 52-0117	EA	1 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	73.66	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0118	EA	2 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	80.22	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0119	EA	3 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	92.42	39.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.83*	
26 01 50 52-0120	EA	4 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	111.47	46.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0121	EA	5 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	167.78	52.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.78*	
26 01 50 52-0122	EA	6 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	174.35	59.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.75*	
26 01 50 52-0123		**25 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0115)*		
26 01 50 52-0124	EA	1 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	73.66	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0125	EA	2 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	80.22	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0126	EA	3 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	92.42	39.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.83*	
26 01 50 52-0127	EA	4 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	111.47	46.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0128	EA	5 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	167.78	52.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.78*	
26 01 50 52-0129	EA	6 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	174.35	59.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.75*	
26 01 50 52-0130		**28 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0115)*		
26 01 50 52-0131	EA	1 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	73.66	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0132	EA	2 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	80.22	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0133	EA	3 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	92.42	39.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.83*	
26 01 50 52-0134	EA	4 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	111.47	46.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0135	EA	5 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	167.78	52.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.78*	
26 01 50 52-0136	EA	6 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	174.35	59.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.75*	
26 01 50 52-0137		**32 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0115)*		
26 01 50 52-0138	EA	1 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	73.66	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0139	EA	2 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	80.22	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0140	EA	3 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	92.42	39.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.83*	
26 01 50 52-0141	EA	4 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	111.47	46.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0142	EA	5 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	167.78	52.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.78*	
26 01 50 52-0143	EA	6 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	174.35	59.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.75*	
26 01 50 52-0144		**40 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0115)*		
26 01 50 52-0145	EA	1 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	73.66	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0146	EA	2 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	80.22	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0147	EA	3 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	92.42	39.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.83*	
26 01 50 52-0148	EA	4 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	111.47	46.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0149	EA	5 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	167.78	52.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.78*	
26 01 50 52-0150	EA	6 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	174.35	59.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.75*	
26 01 50 52-0151		**Step Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0114)*		
		Note: Includes 120/277 Volt and high ballast factor.		
26 01 50 52-0152		**17 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0151)*		
26 01 50 52-0153	EA	1 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	73.66	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0154	EA	2 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	80.22	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0155	EA	3 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	89.92	39.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.83*	
26 01 50 52-0156	EA	4 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	111.47	46.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0157	EA	5 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	159.82	52.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0158	EA	6 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	166.39	59.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.75*	
26 01 50 52-0159		**25 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0151)*		
26 01 50 52-0160	EA	1 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	73.66	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0161	EA	2 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	80.22	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0162	EA	3 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	89.92	39.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.83*	
26 01 50 52-0163	EA	4 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	111.47	46.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0164	EA	5 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	159.82	52.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.78*	
26 01 50 52-0165	EA	6 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	166.39	59.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.75*	
26 01 50 52-0166		**28 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0151)*		
26 01 50 52-0167	EA	1 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	73.66	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0168	EA	2 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	80.22	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0169	EA	3 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	89.92	39.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.83*	
26 01 50 52-0170	EA	4 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	111.47	46.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0171	EA	5 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	159.82	52.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.78*	
26 01 50 52-0172	EA	6 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	166.39	59.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.75*	
26 01 50 52-0173		**32 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0151)*		
26 01 50 52-0174	EA	1 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	73.66	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0175	EA	2 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	80.22	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0176	EA	3 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	89.92	39.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.83*	
26 01 50 52-0177	EA	4 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	111.47	46.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0178	EA	5 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	159.82	52.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.78*	
26 01 50 52-0179	EA	6 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	166.39	59.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.75*	
26 01 50 52-0180		**40 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0151)*		
26 01 50 52-0181	EA	1 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	73.66	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0182	EA	2 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	80.22	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0183	EA	3 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	89.92	39.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.83*	
26 01 50 52-0184	EA	4 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	111.47	46.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0185	EA	5 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	159.82	52.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.78*	
26 01 50 52-0186	EA	6 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	166.39	59.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.75*	
26 01 50 52-0187		**Dimming To 3%, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0114)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0188		**17 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0187)*		
26 01 50 52-0189	EA	1 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	157.21	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0190	EA	2 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	163.77	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0191	EA	3 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	195.69	39.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.83*	
26 01 50 52-0192	EA	4 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	202.26	46.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0193		**25 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0187)*		
26 01 50 52-0194	EA	1 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	157.21	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0195	EA	2 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	163.77	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0196	EA	3 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	195.69	39.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.83*	
26 01 50 52-0197	EA	4 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	202.26	46.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0198		**28 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0187)*		
26 01 50 52-0199	EA	1 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	157.21	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0200	EA	2 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	163.77	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0201	EA	3 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	195.69	39.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.83*	
26 01 50 52-0202	EA	4 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	202.26	46.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0203		**32 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0187)*		
26 01 50 52-0204	EA	1 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	157.21	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0205	EA	2 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	163.77	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0206	EA	3 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	195.69	39.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.83*	
26 01 50 52-0207	EA	4 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	202.26	46.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0208		**T10 Fluorescent Ballasts** *(26 01 50 52-0002)*		
26 01 50 52-0209		**T10 Fluorescent Electronic Ballasts** *(26 01 50 52-0208)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0210		**40 Watt, T10 Fluorescent Electronic Ballasts** *(26 01 50 52-0209)*		
26 01 50 52-0211	EA	1 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast	79.22	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0212	EA	2 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast	85.78	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0213	EA	3 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast	105.11	39.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.83*	
26 01 50 52-0214		**T12 Fluorescent Ballasts** *(26 01 50 52-0002)*		
26 01 50 52-0215		**T12 Fluorescent Electronic Ballasts** *(26 01 50 52-0214)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0216		**25 Watt, T12 Fluorescent Electronic Ballasts** *(26 01 50 52-0215)*		
26 01 50 52-0217	EA	1 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast	56.74	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0218	EA	1 Lamp, 25 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	79.22	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0219	EA	2 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast	63.30	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0220	EA	2 Lamp, 25 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	85.78	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0221	EA	3 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast	77.08	39.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.83*	
26 01 50 52-0222	EA	4 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast	88.32	46.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0223		**30 Watt, T12 Fluorescent Electronic Ballasts** *(26 01 50 52-0215)*		
26 01 50 52-0224	EA	1 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	79.22	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0225	EA	2 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	85.78	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0226	EA	3 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	105.11	39.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.83*	
26 01 50 52-0227		**34 Watt, T12 Fluorescent Electronic Ballasts** *(26 01 50 52-0215)*		
26 01 50 52-0228	EA	1 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	79.22	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0229	EA	2 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	85.78	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0230	EA	3 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	105.11	39.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.83*	
26 01 50 52-0231		**40 Watt, T12 Fluorescent Electronic Ballasts** *(26 01 50 52-0215)*		
26 01 50 52-0232	EA	1 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	79.22	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0233	EA	2 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	85.78	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0234	EA	3 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	105.11	39.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.83*	
26 01 50 52-0235		**96 Watt, T12 Fluorescent Electronic Ballasts** *(26 01 50 52-0215)*		
26 01 50 52-0236	EA	1 Lamp, 96 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	98.69	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0237	EA	2 Lamp, 96 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	112.67	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0238		**High-Output, T12HO Fluorescent Electronic Ballasts** *(26 01 50 52-0214)* Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0239		**48 Watt, High-Output, T12HO Fluorescent Electronic Ballasts** *(26 01 50 52-0238)*		
26 01 50 52-0240	EA	1 Lamp, 48 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	128.51	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0241	EA	2 Lamp, 48 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	135.07	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0242		**60 Watt, High-Output, T12HO Fluorescent Electronic Ballasts** *(26 01 50 52-0238)*		
26 01 50 52-0243	EA	1 Lamp, 60 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	128.51	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0244	EA	2 Lamp, 60 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	135.07	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0245		**72 Watt, High-Output, T12HO Fluorescent Electronic Ballasts** *(26 01 50 52-0238)*		
26 01 50 52-0246	EA	1 Lamp, 72 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	128.51	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0247	EA	2 Lamp, 72 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	135.07	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0248		**96 Watt, High-Output, T12HO Fluorescent Electronic Ballasts** *(26 01 50 52-0238)*		
26 01 50 52-0249	EA	2 Lamp, 96 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	128.51	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0250	EA	2 Lamp, 96 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	135.07	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0251		**Emergency Fluorescent Ballasts** *(26 01 50 52-0002)* Note: 120/277 Volt.		
26 01 50 52-0252	EA	350 To 450 Lumens, One Lamp, Code Compliance, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B100)	202.18	26.30
		For Factory Installation In New Fixtures, Deduct	*-52.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.78*	
26 01 50 52-0253	EA	600 To 700 Lumens, Two Lamp, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B60)	331.41	32.86
		For Factory Installation In New Fixtures, Deduct	*-55.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.57*	
26 01 50 52-0254	EA	1,100 To 1,400 Lumens, One Or Two Lamp, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50)	411.24	32.86
		For Factory Installation In New Fixtures, Deduct	*-55.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.57*	
26 01 50 52-0255	EA	600 To 700 Lumens, One Or Two Lamp, Two Hour Illumination, Emergency Fluorescent Ballast (Bodine B70A)	304.72	32.86
		For Factory Installation In New Fixtures, Deduct	*-55.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.57*	
26 01 50 52-0256	EA	2,700 To 3,400 Lumens, Two Or Three Lamp, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B33)	1,421.06	39.44
		For Factory Installation In New Fixtures, Deduct	*-57.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 01 50 52-0257	EA	225 To 450 Lumens, One Lamp, Four Hour Illumination, Emergency Fluorescent Ballast (Bodine B54)	417.01	26.30
		For Factory Installation In New Fixtures, Deduct	*-52.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.78*	
26 01 50 52-0258	EA	325 To 1,000 Lumens, One Or Two Lamp, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B84CG)	697.60	32.86
		For Factory Installation In New Fixtures, Deduct	*-55.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.57*	
26 01 50 52-0259	EA	300 To 750 Lumens, One Or Two Lamp, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B94CG)	384.95	32.86
		For Factory Installation In New Fixtures, Deduct	*-55.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.57*	
26 01 50 52-0260	EA	200 To 625 Lumens, One Lamp, Ninety Minute Illumination, Damp Location, Emergency Compact Fluorescent Ballast (Bodine B413)	524.01	26.30
		For Factory Installation In New Fixtures, Deduct	*-52.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.78*	
26 01 50 52-0261	EA	300 To 650 Lumens, One Lamp, Damp Location, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B463)	406.82	26.30
		For Factory Installation In New Fixtures, Deduct	*-52.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.78*	

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26 01 50 52-0262	EA	450 To 950 Lumens, One Or Two Lamp, Ninety Minute Illumination, Damp Location, Emergency Compact Fluorescent Ballast (Bodine B426)	459.32	32.86
		For Factory Installation In New Fixtures, Deduct	*-55.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.57*	
26 01 50 52-0263	EA	1,100 To 1,400 Lumens, One Or Two Lamp, Ninety Minute Illumination, Damp Location, Emergency Fluorescent Ballast (Bodine BDL500)	496.87	32.86
		For Factory Installation In New Fixtures, Deduct	*-55.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.57*	
26 01 50 52-0264	EA	600 To 700 Lumens, Two Lamp, Damp Location, Emergency Fluorescent Ballast (Bodine BDL600)	418.55	32.86
		For Factory Installation In New Fixtures, Deduct	*-55.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.57*	
26 01 50 52-0265	EA	600 To 700 Lumens, One Lamp, Two Hour Illumination, Emergency Fluorescent Ballast (Bodine BDL700)	424.80	26.30
		For Factory Installation In New Fixtures, Deduct	*-52.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.78*	
26 01 50 52-0266	EA	500 To 600 Lumens, One Lamp, Damp Location, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine BDL900)	370.50	26.30
		For Factory Installation In New Fixtures, Deduct	*-52.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.78*	
26 01 50 52-0267	EA	300 To 750 Lumens, One Or Two Lamp, Damp Location, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine BDL94C)	384.95	32.86
		For Factory Installation In New Fixtures, Deduct	*-55.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.57*	
26 01 50 52-0268	EA	450 Lumens, One Lamp, Low Profile, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine LP400)	376.35	26.30
		For Factory Installation In New Fixtures, Deduct	*-52.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.78*	
26 01 50 52-0269	EA	1,100 To 1,400 Lumens, One Or Two Lamp, Self Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50ST)	686.68	32.86
		For Factory Installation In New Fixtures, Deduct	*-55.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.57*	
26 01 50 52-0270	EA	1,800 To 3,500 Lumens, One Or Two Lamp, Self Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B30ST)	857.97	32.86
		For Factory Installation In New Fixtures, Deduct	*-55.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.57*	
26 01 50 52-0271	EA	1,450 To 3,500 Lumens, One Or Two Lamp, Remote Control Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B30RCT)	1,603.06	32.86
		For Factory Installation In New Fixtures, Deduct	*-55.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.57*	
26 01 50 52-0272	EA	1,100 To 1,400 Lumens, One Or Two Lamp, Remote Control Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50RCT)	1,114.41	32.86
		For Factory Installation In New Fixtures, Deduct	*-55.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.57*	
26 01 50 52-0273	EA	1,100 To 3,100 Lumens, One Or Two Lamp, Central Battery, Emergency Fluorescent Ballast With Voltage Sensing Circuit (Bodine CB90-48)	568.08	32.86
		For Factory Installation In New Fixtures, Deduct	*-55.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.57*	
26 01 50 52-0274	EA	1,050 To 3,200 Lumens, One Lamp, Interim Lighting For Generator Backup, Five Minute Illumination, Emergency Fluorescent Ballast (Bodine GEN1)	735.51	26.30
		For Factory Installation In New Fixtures, Deduct	*-52.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.78*	
26 01 50 52-0275	EA	250 Watt, Self-Diagnostic, Ninety Minute Illumination, Fluorescent Emergency Lighting Inverter (Bodine ELI-250-SD)	4,103.00	32.86
		For Factory Installation In New Fixtures, Deduct	*-52.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.78*	

26 01 50 52-0276 LED Emergency Ballasts *(26 01 50 52-0001)*

26 01 50 52-0277	EA	Up To 520 Lumens, Ninety Minute Illumination, 120-277 Volt, 4 Watt Output, Emergency LED Driver (Bodine BSL4L)	150.36	26.30
		For Factory Installation In New Fixtures, Deduct	*-52.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.78*	
26 01 50 52-0278	EA	Up To 780 Lumens, Ninety Minute Illumination, 120-277 Volt, 6 Watt Output, Emergency LED Driver (Bodine BSL6LST)	222.89	26.30
		For Factory Installation In New Fixtures, Deduct	*-52.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.78*	
26 01 50 52-0279	EA	Up To 975 Lumens, Ninety Minute Illumination, 120-277 Volt, 7.5 Watt Output, Emergency LED Driver (Bodine BSL17C)	266.39	26.30
		For Factory Installation In New Fixtures, Deduct	*-52.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.78*	
26 01 50 52-0280	EA	Up To 1,300 Lumens, Ninety Minute Illumination, 120-277 Volt, 10 Watt Output, Emergency LED Driver (Bodine BSL310)	297.44	26.30
		For Factory Installation In New Fixtures, Deduct	*-52.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.78*	
26 01 50 52-0281	EA	Up To 2,200 Lumens, Ninety Minute Illumination, 120-277 Volt, 18 Watt Output, Emergency LED Driver (Bodine BSL718)	305.29	26.30
		For Factory Installation In New Fixtures, Deduct	*-52.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.78*	
26 01 50 52-0282	EA	Up To 2,600 Lumens, Ninety Minute Illumination, 120-277 Volt, 20 Watt Output, Emergency LED Driver (Bodine BSL20LV)	396.19	26.30
		For Factory Installation In New Fixtures, Deduct	*-52.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.78*	
26 01 50 52-0283	EA	Up To 2,300 Lumens, Ninety Minute Illumination, 120-277 Volt, 23 Watt LED Emergency Battery Backup (LiteTronics EB23UQ)	469.12	26.30
		For Factory Installation In New Fixtures, Deduct	*-52.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.78*	

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26 01 50 52-0284		Compact Fluorescent Ballasts *(26 01 50 52-0001)*		
26 01 50 52-0285		Compact Fluorescent Electronic Ballasts *(26 01 50 52-0284)* Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0286		18 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*		
26 01 50 52-0287	EA	1 Lamp, 18 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	119.27	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0288	EA	2 Lamp, 18 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	125.83	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0289		26 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*		
26 01 50 52-0290	EA	1 Lamp, 26 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	119.27	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0291	EA	2 Lamp, 26 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	125.83	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0292		32 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*		
26 01 50 52-0293	EA	1 Lamp, 32 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	147.41	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0294	EA	2 Lamp, 32 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	153.97	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0295		40 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*		
26 01 50 52-0296	EA	1 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast	115.91	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0297	EA	1 Lamp, 40 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	147.41	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0298	EA	2 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast	217.01	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0299	EA	2 Lamp, 40 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	153.97	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0300	EA	3 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast	256.53	39.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.83*	
26 01 50 52-0301		42 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*		
26 01 50 52-0302	EA	1 Lamp, 42 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	147.41	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0303	EA	2 Lamp, 42 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	153.97	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0304		55 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*		
26 01 50 52-0305	EA	1 Lamp, 55 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	147.41	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0306	EA	2 Lamp, 55 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	153.97	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0307		Dimming, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0284)*		
26 01 50 52-0308		Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0307)* Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0309		18 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0308)*		
26 01 50 52-0310	EA	1 Lamp, 18 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	219.38	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0311	EA	2 Lamp, 18 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	225.94	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0312		26 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0308)*		
26 01 50 52-0313	EA	1 Lamp, 26 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	219.38	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0314	EA	2 Lamp, 26 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	225.94	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0315		32 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0308)*		
26 01 50 52-0316	EA	1 Lamp, 32 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	219.38	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0317	EA	2 Lamp, 32 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	241.48	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0318		40 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0308)*		

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26 01 50 52-0319	EA	2 Lamp, 40 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	241.48	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0320		**42 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts** *(26 01 50 52-0308)*		
26 01 50 52-0321	EA	1 Lamp, 42 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	219.38	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0322	EA	2 Lamp, 42 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	241.48	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0323		**55 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts** *(26 01 50 52-0308)*		
26 01 50 52-0324	EA	1 Lamp, 55 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	349.59	26.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0325	EA	2 Lamp, 55 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	392.69	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0326		**High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0001)*		
26 01 50 52-0327		**Magnetic High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0326)*		
26 01 50 52-0328		**Core And Coil High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0327)*		
26 01 50 52-0329		**Metal Halide, Core And Coil High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0328)*		
26 01 50 52-0330	EA	1 Lamp, 100 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	261.91	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0331	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	268.89	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0332	EA	1 Lamp, 250 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	268.89	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0333	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	249.01	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0334	EA	1 Lamp, 400 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	249.01	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0335	EA	1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	382.22	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0336	EA	1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	382.22	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0337	EA	1 Lamp, 1,500 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	499.55	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0338	EA	1 Lamp, 1,500 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	559.40	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0339		**High Pressure Sodium, Core And Coil High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0328)*		
26 01 50 52-0340	EA	1 Lamp, 50 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	234.32	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0341	EA	1 Lamp, 70 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	249.93	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0342	EA	1 Lamp, 100 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	243.19	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0343	EA	1 Lamp, 150 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	290.11	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0344	EA	1 Lamp, 150 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	283.40	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0345	EA	1 Lamp, 250 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	326.94	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0346	EA	1 Lamp, 250 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	326.94	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0347	EA	1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	399.36	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0348	EA	1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	399.36	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0349	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	653.46	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0350	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	653.46	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0351		**Mounting Brackets For Core And Coil High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0328)*		
26 01 50 52-0352	EA	Single Mounting Bracket For Core And Coil Type	19.39	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.95*	
26 01 50 52-0353	EA	Double Mounting Bracket For Core And Coil Type	32.26	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.92*	
26 01 50 52-0354		**F-Can High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0327)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0355		**Metal Halide, F-Can High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0354)*		
26 01 50 52-0356	EA	1 Lamp, 70 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	338.80	32.86
		For Pulse Start Ballast, Add	*29.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0357	EA	1 Lamp, 100 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	358.17	32.86
		For Pulse Start Ballast, Add	*31.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0358	EA	1 Lamp, 175 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	324.14	32.86
		For Pulse Start Ballast, Add	*27.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0359	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	380.06	32.86
		For Pulse Start Ballast, Add	*33.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0360	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	536.78	32.86
		For Pulse Start Ballast, Add	*49.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0361		**High Pressure Sodium, F-Can High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0354)*		
26 01 50 52-0362	EA	1 Lamp, 70 Watt High Pressure Sodium, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	412.19	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0363	EA	1 Lamp, 100 Watt High Pressure Sodium, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	442.38	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0364		**Postline High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0327)*		
26 01 50 52-0365		**Metal Halide, Postline High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0364)*		
26 01 50 52-0366	EA	1 Lamp, 50 Watt Metal Halide, 120 Volt, Postline High Intensity Discharge (HID) Ballast	701.60	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0367		**High Pressure Sodium, Postline High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0364)*		
26 01 50 52-0368	EA	1 Lamp, 70 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast	1,093.59	32.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.77*	
26 01 50 52-0369	EA	1 Lamp, 100 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast	1,222.28	32.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.77*	
26 01 50 52-0370	EA	1 Lamp, 150 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast	1,177.76	32.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.77*	
26 01 50 52-0371		**Indoor Enclosed High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0327)*		
26 01 50 52-0372		**Metal Halide, Indoor Enclosed High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0371)*		
26 01 50 52-0373	EA	1 Lamp, 175 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	869.24	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0374	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	989.75	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0375	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	1,314.74	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0376	EA	1 Lamp, 400 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	1,307.74	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0377	EA	2 Lamp, 400 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	1,840.29	35.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.60*	
26 01 50 52-0378	EA	2 Lamp, 400 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	1,840.29	35.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.60*	
26 01 50 52-0379	EA	1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	1,259.93	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0380	EA	1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	1,486.43	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0381		**High Pressure Sodium, Indoor Enclosed High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0371)*		
26 01 50 52-0382	EA	1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	1,642.17	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0383	EA	1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	1,562.35	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0384	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	2,014.93	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0385	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	2,014.93	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0386		**Outdoor Weatherproof High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0327)*		
26 01 50 52-0387		**Metal Halide, Outdoor Weatherproof High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0386)*		
26 01 50 52-0388	EA	1 Lamp, 175 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	979.67	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0389	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	1,060.10	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0390	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	1,052.18	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0391	EA	1 Lamp, 400 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	1,106.06	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0392	EA	2 Lamp, 400 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	1,770.03	35.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.60*	
26 01 50 52-0393	EA	2 Lamp, 400 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	2,181.50	35.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.60*	
26 01 50 52-0394	EA	1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	1,651.53	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0395	EA	1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	1,501.50	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0396		**High Pressure Sodium, Outdoor Weatherproof High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0386)*		
26 01 50 52-0397	EA	1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	1,271.52	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0398	EA	1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	1,372.97	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0399	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	2,061.76	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0400	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	1,770.74	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0401		**Electronic High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0326)*		
26 01 50 52-0402		**Electronic Low Frequency High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0401)*		
26 01 50 52-0403	EA	1 Lamp, 70 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	377.37	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0404	EA	1 Lamp, 100 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	377.37	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0405	EA	1 Lamp, 150 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	428.23	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0406	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	1,140.75	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0407	EA	1 Lamp, 300 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	1,140.75	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0408	EA	1 Lamp, 320 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	1,140.75	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0409	EA	1 Lamp, 350 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	1,140.75	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0410	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	1,140.75	32.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0411		**Owner Supplied Ballasts** *(26 01 50 52-0001)*		
26 01 50 52-0412	EA	Install Owner Supplied, 1 Lamp Fluorescent Ballast	26.30	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.89*	
26 01 50 52-0413	EA	Install Owner Supplied, 2 Lamp Fluorescent Ballast	32.86	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 01 50 52-0414	EA	Install Owner Supplied, 3 Lamp Fluorescent Ballast	38.13	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.44*	
26 01 50 52-0415	EA	Install Owner Supplied, 4 Lamp Fluorescent Ballast	40.75	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.23*	
26 01 50 52-0416	EA	Install Owner Supplied, 1 Lamp High Intensity Discharge (HID) Ballast	46.01	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.80*	
26 01 50 52-0417	EA	Install Owner Supplied, 2 Lamp High Intensity Discharge (HID) Ballast	48.65	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.60*	
26 01 50 53		**Lens and Accessory Replacement** *(26 01 50)*		
26 01 50 53-0001		**Lens and Accessory Replacement** *(26 01 50 53)*		
26 01 50 53-0002	EA	Removal And Replacement Of Parabolic Aluminum Louver	88.30	
26 01 50 53-0003	EA	Removal And Replacement Of Visor For Fixtures	199.13	
26 01 50 53-0004	EA	Removal And Replacement Of Globe On Pole	221.48	
26 01 50 53-0005	EA	Removal And Replacement Of Lenses For Flat Top Pole Fixtures	94.98	
26 01 50 53-0006	EA	Removal And Replacement Of 1' x 4' Diffuser With 0.125" Thick Prismatic Acrylic Diffuser	32.88	
26 01 50 53-0007	EA	Removal And Replacement Of 2' x 2' Diffuser With 0.125" Thick Prismatic Acrylic Diffuser	33.95	
26 01 50 53-0008	EA	Removal And Replacement Of 2' x 4' Diffuser With 0.125" Thick Prismatic Acrylic Diffuser	38.59	
26 01 50 53-0009	EA	Removal And Replacement Of Slide-On Lampholder	14.80	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.94*	
26 01 50 53-0010	EA	Removal And Replacement Of Screw Mount Lampholder	14.96	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.94*	
26 01 50 53-0011	EA	Removal And Replacement Of Medium Bi-Pin Lampholder	16.38	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 53-0012	EA	Removal And Replacement Of Fixed High Output Lampholder, Recessed, Double Contact Double Pedestal Type	18.55	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.94*	
26 01 50 53-0013	EA	Removal And Replacement Of Plunger High Output Lampholder, Recessed, Double Contact Double Pedestal Type	19.96	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.94*	
26 01 50 53-0014	EA	Removal And Replacement Of Compact Twin-Tube Lampholder, Snap-in	16.16	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.94*	
26 01 50 53-0015	EA	Removal And Replacement Of Exterior Light Globes	58.72	

26 01 50 81 Luminaire Replacement *(26 01 50)*

26 01 50 81-0001 Retrofit Lighting Fixtures *(26 01 50 81)*

26 01 50 81-0002 LED Lighting Retrofits For Existing Fixtures *(26 01 50 81-0001)*

26 01 50 81-0003 LED Lighting Retrofits For Existing Downlight Fixtures (GreenCreative) *(26 01 50 81-0002)*

Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.

26 01 50 81-0004	EA	7" Round Downlight, 15 Watt, 2700K CCT, LED Retrofit (GreenCreative 15SMPR7DIM/927)	114.03
26 01 50 81-0005	EA	7" Round Downlight, 15 Watt, 3000K CCT, LED Retrofit (GreenCreative 15SMPR7DIM/930)	114.03
26 01 50 81-0006	EA	7" Round Downlight, 15 Watt, 4000K CCT, LED Retrofit (GreenCreative 15SMPR7DIM/940)	114.03
26 01 50 81-0007	EA	4" Diameter, 8.5 Watt, 2700K CCT, THINFIT LED Downlight, (GreenCreative 8.5DLNC4DIM/827)	94.66
26 01 50 81-0008	EA	4" Diameter, 8.5 Watt, 3000K CCT, THINFIT LED Downlight, (GreenCreative 8.5DLNC4DIM/830)	94.66
26 01 50 81-0009	EA	4" Diameter, 8.5 Watt, 4000K CCT, THINFIT LED Downlight, (GreenCreative 8.5DLNC4DIM/840)	94.66
26 01 50 81-0010	EA	6" Diameter, 11.6 Watt, 2700K CCT, THINFIT LED Downlight, (GreenCreative 11.6DLNC6DIM/827)	102.82
26 01 50 81-0011	EA	6" Diameter, 11.6 Watt, 3000K CCT, THINFIT LED Downlight, (GreenCreative 11.6DLNC6DIM/830)	102.82
26 01 50 81-0012	EA	6" Diameter, 11.6 Watt, 4000K CCT, THINFIT LED Downlight, (GreenCreative 11.6DLNC6DIM/840)	102.82

26 01 50 81-0013 LED Lighting Retrofits For Existing Site Fixtures (Daylight Technology) *(26 01 50 81-0002)*

Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.

26 01 50 81-0014	EA	2,300 Lumens, 23 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-20w)	327.36
26 01 50 81-0015	EA	3,300 Lumens, 33 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-30w)	339.60
26 01 50 81-0016	EA	4,400 Lumens, 44 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-40w)	351.84
26 01 50 81-0017	EA	5,400 Lumens, 54 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-50w)	366.70
26 01 50 81-0018	EA	6,500 Lumens, 65 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-60w)	402.39
26 01 50 81-0019	EA	7,600 Lumens, 75 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-70w)	417.25
26 01 50 81-0020	EA	8,600 Lumens, 86 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-80w)	450.90
26 01 50 81-0021	EA	9,600 Lumens, 96 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-90w)	463.14
26 01 50 81-0022	EA	10,700 Lumens, 107 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-100w)	477.99
26 01 50 81-0023	EA	11,700 Lumens, 117 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-110w)	500.42
26 01 50 81-0024	EA	12,800 Lumens, 128 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-120w)	524.47
26 01 50 81-0025	EA	13,800 Lumens, 138 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-130w)	547.92
26 01 50 81-0026	EA	14,900 Lumens, 149 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-140w)	560.16
26 01 50 81-0027	EA	16,100 Lumens, 161 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-150w)	580.55
26 01 50 81-0028	EA	17,200 Lumens, 172 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-160w)	604.88
26 01 50 81-0029	EA	18,200 Lumens, 182 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-170w)	630.37
26 01 50 81-0030	EA	19,300 Lumens, 193 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-180w)	669.12
26 01 50 81-0031	EA	20,300 Lumens, 203 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-190w)	686.45
26 01 50 81-0032	EA	21,400 Lumens, 214 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-200w)	716.60
26 01 50 81-0033	EA	22,400 Lumens, 224 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-210w)	756.37
26 01 50 81-0034	EA	23,500 Lumens, 235 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-220w)	776.77
26 01 50 81-0035	EA	24,500 Lumens, 245 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-230w)	825.56
26 01 50 81-0036	EA	25,600 Lumens, 256 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-240w)	870.43
26 01 50 81-0037	EA	26,600 Lumens, 266 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-250w)	901.61
26 01 50 81-0038	EA	27,700 Lumens, 277 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-260w)	945.46
26 01 50 81-0039	EA	28,700 Lumens, 287 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-270w)	1,030.67
26 01 50 81-0040	EA	29,800 Lumens, 298 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-280w)	1,040.87
26 01 50 81-0041	EA	31,900 Lumens, 319 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-300w)	1,067.24

26 01 50 81-0042 LED Lighting Retrofits For Existing Fixtures (Optilumen) *(26 01 50 81-0002)*

Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.

26 01 50 81-0043	EA	20 Watt, 1 x 42", 3500L CCT, LED Retrofit Kit (Optilumen RKT1418M-35) Note: Fits 1' x 4' Troffer/Strip	141.04
26 01 50 81-0044	EA	20 Watt, 1 x 42", 4000L CCT, LED Retrofit Kit (Optilumen RKT1418M-40) Note: Fits 1' x 4' Troffer/Strip	141.04
26 01 50 81-0045	EA	20 Watt, 1 x 42", 5000L CCT, LED Retrofit Kit (Optilumen RKT1418M-50) Note: Fits 1' x 4' Troffer/Strip	141.04
26 01 50 81-0046	EA	30 Watt, 2 x 42", 3500L CCT, LED Retrofit Kit (Optilumen RKT2415M-35) Note: Fits 2' x 4' Troffer/Strip	146.14
26 01 50 81-0047	EA	2 x 42", 30 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT2415M-40) Note: Fits 2' x 4' Troffer/Strip	146.14
26 01 50 81-0048	EA	2 x 42", 30 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT2415M-50) Note: Fits 2' x 4' Troffer/Strip	146.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0049	EA	2 x 42", 40 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT2418M-35) Note: Fits 2' x 4' Troffer/Strip	156.33	
26 01 50 81-0050	EA	2 x 42", 40 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT2418M-40) Note: Fits 2' x 4' Troffer/Strip	156.33	
26 01 50 81-0051	EA	2 x 42", 40 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT2418M-50) Note: Fits 2' x 4' Troffer/Strip	156.33	
26 01 50 81-0052	EA	3 x 42", 30 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3415M-35) Note: Fits 2' x 4' Troffer/Strip	146.14	
26 01 50 81-0053	EA	3 x 42", 30 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3415M-40) Note: Fits 2' x 4' Troffer/Strip	146.14	
26 01 50 81-0054	EA	3 x 42", 30 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3415M-50) Note: Fits 2' x 4' Troffer/Strip	146.14	
26 01 50 81-0055	EA	3 x 42", 40 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3418M-35) Note: Fits 2' x 4' Troffer/Strip	156.33	
26 01 50 81-0056	EA	3 x 42", 40 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3418M-40) Note: Fits 2' x 4' Troffer/Strip	156.33	
26 01 50 81-0057	EA	3 x 42", 40 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3418M-50) Note: Fits 2' x 4' Troffer/Strip	156.33	
26 01 50 81-0058	EA	3 x 42", 60 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3424M-35) Note: Fits 2' x 4' Troffer/Strip	176.73	
26 01 50 81-0059	EA	3 x 42", 60 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3424M-40) Note: Fits 2' x 4' Troffer/Strip	176.73	
26 01 50 81-0060	EA	3 x 42", 60 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3424M-50) Note: Fits 2' x 4' Troffer/Strip	176.73	
26 01 50 81-0061	EA	1 x 21", 10 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT1209M-35) Note: Fits 1' x 2' Troffer/Strip	141.04	
26 01 50 81-0062	EA	1 x 21", 10 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT1209M-40) Note: Fits 1' x 2' Troffer/Strip	141.04	
26 01 50 81-0063	EA	1 x 21", 10 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT1209M-50) Note: Fits 1' x 2' Troffer/Strip	141.04	
26 01 50 81-0064	EA	2 x 21", 22 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT2209M-35) Note: Fits 2' x 2' Troffer/Strip	141.04	
26 01 50 81-0065	EA	2 x 21", 22 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT2209M-40) Note: Fits 2' x 2' Troffer/Strip	141.04	
26 01 50 81-0066	EA	2 x 21", 22 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT2209M-50) Note: Fits 2' x 2' Troffer/Strip	141.04	
26 01 50 81-0067	EA	3 x 21", 20 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3209M-35) Note: Fits 2' x 2' Troffer/Strip	146.14	
26 01 50 81-0068	EA	3 x 21", 20 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3209M-40) Note: Fits 2' x 2' Troffer/Strip	146.14	
26 01 50 81-0069	EA	3 x 21", 20 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3209M-50) Note: Fits 2' x 2' Troffer/Strip	146.14	
26 01 50 81-0070	EA	3 x 21", 30 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3210M-35) Note: Fits 2' x 2' Troffer/Strip	152.25	
26 01 50 81-0071	EA	3 x 21", 30 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3210M-40) Note: Fits 2' x 2' Troffer/Strip	152.25	
26 01 50 81-0072	EA	3 x 21", 30 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3210M-50) Note: Fits 2' x 2' Troffer/Strip	152.25	

26 01 50 81-0073 LED Lighting Retrofits For Existing Lay-In/Troffer Fixtures (LG) *(26 01 50 81-0002)*

Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.

26 01 50 81-0074	EA	34 Watt, 3500K CCT, 2' x 4', Retrofit Troffer LED Fixture With Sensor (LG LGE-2X4RT-34-35-4400-R(W)-SN)	309.65	
26 01 50 81-0075	EA	34 Watt, 4000K CCT, 2' x 4', Retrofit Troffer LED Fixture With Sensor (LG LGE-2X4RT-34-40-4500-R(W)-SN)	309.65	
26 01 50 81-0076	EA	26 Watt, 3500K CCT, 2' x 2', Retrofit Troffer LED Fixture With Sensor (LG LGE-2X2RT-26-35-3400-R(W)-SN)	280.07	
26 01 50 81-0077	EA	26 Watt, 4000K CCT, 2' x 2', Retrofit Troffer LED Fixture With Sensor (LG LGE-2X2RT-26-40-3400-R(W)-SN)	280.07	
26 01 50 81-0078	EA	25 Watt, 3,250 Lumens, 3500K CCT, Lay-In Retrofit 2' x 2' Troffer (LG LGE-2X2SI-25-35-3200-RV) Note: No sensor, ZigBee ready driver	142.64	
26 01 50 81-0079	EA	25 Watt, 3,250 Lumens, 4000K CCT, Lay-In Retrofit 2' x 2' Troffer (LG LGE-2X2SI-25-40-3200-RV) Note: No sensor, ZigBee ready driver	142.64	
26 01 50 81-0080	EA	31 Watt, 4,050 Lumens, 3500K CCT, Lay-In Retrofit 2' x 4' Troffer (LG LGE-2X2SI-31-35-3200-RV) Note: No sensor, ZigBee ready driver	162.01	
26 01 50 81-0081	EA	31 Watt, 4,050 Lumens, 4000K CCT, Lay-In Retrofit 2' x 4' Troffer (LG LGE-2X2SI-31-40-3200-RV) Note: No sensor, ZigBee ready driver	162.01	
26 01 50 81-0082	EA	25 Watt, 3,250 Lumens, 3500K CCT, Lay-In Retrofit 2' x 2' Troffer With Sensor Connect (LG LGE-2X2SC-25-35-3200-RV) Note: Factory installed sensor and ZigBee dongle	176.29	
26 01 50 81-0083	EA	25 Watt, 3,250 Lumens, 4000K CCT, Lay-In Retrofit 2' x 2' Troffer With Sensor Connect (LG LGE-2X2SC-25-40-3200-RV) Note: Factory installed sensor and ZigBee dongle	176.29	
26 01 50 81-0084	EA	31 Watt, 3,250 Lumens, 3500K CCT, Lay-In Retrofit 2' x 4' Troffer With Sensor Connect (LG LGE-2X2SC-31-35-3200-RV) Note: Factory installed sensor and ZigBee dongle	181.38	
26 01 50 81-0085	EA	31 Watt, 3,250 Lumens, 4000K CCT, Lay-In Retrofit 2' x 4' Troffer With Sensor Connect (LG LGE-2X2SC-31-40-3200-RV) Note: Factory installed sensor and ZigBee dongle	181.38	
26 01 50 81-0086	EA	2' x 2' 2-Board, 25 Watt, 3,120 Lumens, 3500K CCT, Retrofit Board Kits (LG LGE-2BDK-25-35-3120) Note: No sensor, ZigBee ready driver	113.06	
26 01 50 81-0087	EA	2' x 2' 2-Board, 25 Watt, 3,120 Lumens, 4000K CCT, Retrofit Board Kits (LG LGE-2BDK-25-40-3120) Note: No sensor, ZigBee ready driver	113.06	
26 01 50 81-0088	EA	2' x 4' 4-Board, 31 Watt, 3,120 Lumens, 3500K CCT, Retrofit Board Kits (LG LGE-4BDK-31-35-3880) Note: No sensor, ZigBee ready driver	125.30	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0089	EA	2' x 4' 4-Board, 31 Watt, 3,120 Lumens, 4000K CCT, Retrofit Board Kits (LG LGE-4BDK-31-40-3880) Note: No sensor, ZigBee ready driver	125.30	
26 01 50 81-0090	EA	2' x 2' 2-Board, 25 Watt, 3,120 Lumens, 3500K CCT, With Lens Retrofit Board Kits (LG LGE-2BDK-25-35-3120-L) Note: No sensor, ZigBee ready driver	116.12	
26 01 50 81-0091	EA	2' x 2' 2-Board, 25 Watt, 3,120 Lumens, 4000K CCT, With Lens Retrofit Board Kits (LG LGE-2BDK-25-40-3120-L) Note: No sensor, ZigBee ready driver	116.12	
26 01 50 81-0092	EA	2' x 4' 4-Board, 31 Watt, 3,120 Lumens, 3500K CCT, With Lens Retrofit Board Kits (LG LGE-4BDK-31-35-3880-L) Note: No sensor, ZigBee ready driver	128.36	
26 01 50 81-0093	EA	2' x 4' 4-Board, 31 Watt, 3,120 Lumens, 4000K CCT, With Lens Retrofit Board Kits (LG LGE-4BDK-31-40-3880-L) Note: No sensor, ZigBee ready driver	128.36	
26 01 50 81-0094	EA	6" Diameter, 16 Watt, 1,450 Lumens, 3500K CCT, Comm Retrofit Downlight (LG LGE-CRDL-16-35-1450) Note: No sensor, ZigBee ready driver	115.10	
26 01 50 81-0095	EA	6" Diameter, 16 Watt, 1,450 Lumens, 4000K CCT, Comm Retrofit Downlight (LG LGE-CRDL-16-40-1450) Note: No sensor, ZigBee ready driver	115.10	
26 01 50 81-0096	EA	8" Diameter, 22 Watt, 2,000 Lumens, 3500K CCT, Comm Retrofit Downlight (LG LGE-CRDL-22-35-2000) Note: No sensor, ZigBee ready driver	124.28	
26 01 50 81-0097	EA	8" Diameter, 22 Watt, 2,000 Lumens, 4000K CCT, Comm Retrofit Downlight (LG LGE-CRDL-22-40-2000) Note: No sensor, ZigBee ready driver	124.28	
26 01 50 81-0098		**LED Lighting Retrofit Accessories (LG)** *(26 01 50 81-0002)* See CSI section 02 84 16 00-0003 for ballast recycling.		
26 01 50 81-0099	EA	Dongle (LG LGE-DONGLE)	26.58	
26 01 50 81-0100	EA	1-group On/Off/Dim, 2-Button, Wireless Switch (LG LGE-SWITCH-BAT-2B)	145.28	14.96
26 01 50 81-0101	EA	2-group On/Off/Dim, 4-Button, Wireless Switch (LG LGE-SWITCH-BAT-4B)	151.26	17.95
26 01 50 81-0102	EA	1-group On/Off/Dim, 2-Button, AC Powered Switch (LG LGE-SWITCH-AC-2B)	186.48	14.96
26 01 50 81-0103	EA	2-group On/Off/Dim, 4-Button, AC Powered Switch (LG LGE-SWITCH-AC-4B)	192.46	17.95
26 01 50 81-0104	EA	Photo, Motion Sensor With ZigBee Dongle plugin (LG LGE-MULTI-SENSOR)	96.03	11.97
26 01 50 81-0105	EA	Tube Clip For Multi Sensor (LG LGE-TUBE-CLIP)	32.42	11.97
26 01 50 81-0106	EA	Ceiling Plate For Multi Sensor (LG LGE-CEILING-PLATE)	34.83	11.97
26 01 50 81-0107	EA	Wireless Interface Module (LG PIHN-W005A) Note: includes dongle	90.48	17.95
26 01 50 81-0108		**Retrofit Existing (T12) Fluorescent Fixtures** *(26 01 50 81-0001)* Note: Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 02 84 16 00-0008 for leaking ballast disposal.		
26 01 50 81-0109		**Retrofit Existing (T12) Strip Style Fluorescent Fixtures Without Reflector** *(26 01 50 81-0108)* Note: Includes ballast, white reflective ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.		
26 01 50 81-0110	EA	Retrofit An Existing 4' (T12) Strip Style Fixture Without Reflector To Operate One 4' (T8) Lamp	112.32	
		For Specular Ballast Cover, Add	*13.28*	
26 01 50 81-0111	EA	Retrofit An Existing 4' (T12) Strip Style Fixture Without Reflector To Operate Two 4' (T8) Lamps	119.98	
		For Specular Ballast Cover, Add	*14.82*	
26 01 50 81-0112	EA	Retrofit An Existing 8' (T12) Strip Style Fixture Without Reflector To Operate Two 4' (T8) Lamps	163.76	
		For Specular Ballast Cover, Add	*23.57*	
26 01 50 81-0113	EA	Retrofit An Existing 8' (T12) Strip Style Fixture Without Reflector To Operate Four 4' (T8) Lamps	188.36	
		For Specular Ballast Cover, Add	*28.49*	
26 01 50 81-0114		**Retrofit Existing (T12) Strip Style Fluorescent Fixtures With Reflector** *(26 01 50 81-0108)* Note: Includes ballast, white reflector and ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.		
26 01 50 81-0115	EA	Retrofit An Existing 4' (T12) Strip Style Fixture With Reflector To Operate One 4' (T8) Lamp	118.76	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0116	EA	Retrofit An Existing 4' (T12) Strip Style Fixture With Reflector To Operate Two 4' (T8) Lamps	127.19	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0117	EA	Retrofit An Existing 8' (T12) Strip Style Fixture With Reflector To Operate Two 4' (T8) Lamps	172.77	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0118	EA	Retrofit An Existing 8' (T12) Strip Style Fixture With Reflector To Operate Four 4' (T8) Lamps	219.08	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0119		**Retrofit Existing (T12) Troffer Style Fluorescent Fixtures** *(26 01 50 81-0108)* Note: Includes ballast, white reflector and ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.		
26 01 50 81-0120	EA	Retrofit An Existing 1 x 4 (T12) Troffer Style Fixture To Operate One 4' (T8) Lamps	148.62	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0121	EA	Retrofit An Existing 1 x 4 (T12) Troffer Style Fixture To Operate Two 4' (T8) Lamps	156.27	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0122	EA	Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Two 2' (T8) Lamps	158.20	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0123	EA	Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Three 2' (T8) Lamps	176.59	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0124	EA	Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Four 2' (T8) Lamps	212.88	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0125	EA	Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Two 4' (T8) Lamps	164.00	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0126	EA	Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Three 4' (T8) Lamps	180.14	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0127	EA	Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Four 4' (T8) Lamps	193.76	
		For Specular Reflector, Add	*17.05*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0128		Retrofit Existing Recessed Lay-In/Troffer Fixtures *(26 01 50 81-0001)*		
26 01 50 81-0129		Fluorescent Volumetric Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Lithonia) *(26 01 50 81-0128)* Note: Includes removing existing lamps and ballast. Includes installing adaptor frame, volumetric reflectors, lamps and ballasts. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.		
26 01 50 81-0130	EA	2 T8 Lamps, 0.78 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	187.88	
26 01 50 81-0131	EA	2 T8 Lamps, 0.88 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	187.88	
26 01 50 81-0132	EA	2 T8 Lamps, 1.20 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	187.88	
26 01 50 81-0133	EA	2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	204.40	
26 01 50 81-0134	EA	2 T8 Lamps, 0.78 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	187.88	
26 01 50 81-0135	EA	2 T8 Lamps, 0.88 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	187.88	
26 01 50 81-0136	EA	2 T8 Lamps, 1.20 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	187.88	
26 01 50 81-0137	EA	2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	204.40	
26 01 50 81-0138	EA	2 T8 Lamps, 0.78 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	188.93	
26 01 50 81-0139	EA	2 T8 Lamps, 0.88 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	188.93	
26 01 50 81-0140	EA	2 T8 Lamps, 1.20 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	188.93	
26 01 50 81-0141	EA	2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	205.44	
26 01 50 81-0142	EA	2 T8 Lamps, 0.78 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	188.93	
26 01 50 81-0143	EA	2 T8 Lamps, 0.88 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	188.93	
26 01 50 81-0144	EA	2 T8 Lamps, 1.20 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	188.93	
26 01 50 81-0145	EA	2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	205.44	
26 01 50 81-0146		LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (PlanLED) *(26 01 50 81-0128)* Note: Includes adaptor frame, optical system, LEDs and driver. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.		
26 01 50 81-0147	EA	2,400 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (PlanLED FR3E-025)	261.25	
26 01 50 81-0148	EA	4,300 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (PlanLED FR3E-045)	272.48	
26 01 50 81-0149		LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Raffino™) *(26 01 50 81-0128)* Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.		
26 01 50 81-0150	EA	1,800 Lumens, 1' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR14-1800L)	373.00	
26 01 50 81-0151	EA	2,600 Lumens, 1' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR14-2700L)	381.97	
26 01 50 81-0152	EA	2,200 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR22-2200L)	373.00	
26 01 50 81-0153	EA	3,300 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR22-3300L)	381.97	
26 01 50 81-0154	EA	3,300 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-3000L)	426.82	
26 01 50 81-0155	EA	4,150 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-4000L)	440.28	
26 01 50 81-0156	EA	5,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-5000L)	471.68	
26 01 50 81-0157		LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Orion) *(26 01 50 81-0128)* Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.		
26 01 50 81-0158	EA	3,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-030L-FO-UNV-FDX-840-22-1P-CT-M-ST)	345.55	
26 01 50 81-0159	EA	3,500 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-035L-FO-UNV-FDX-840-22-1P-CT-M-ST)	358.06	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0160	EA	3,200 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-032L-FO-UNV-FDX-840-24-1P-CT-M-ST)	361.81	
26 01 50 81-0161	EA	3,800 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-038L-FO-UNV-FDX-840-24-1P-CT-M-ST)	374.32	
26 01 50 81-0162	EA	2,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1A1UNVFDSX84022MST)	261.09	
26 01 50 81-0163	EA	4,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1B1UNVFDSX84022MST)	267.03	
26 01 50 81-0164	EA	3,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1D1UNVFDSX84024MST)	276.54	
26 01 50 81-0165	EA	4,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1E1UNVFDSX84024MST)	282.48	
26 01 50 81-0166	EA	6,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1F1UNVFDSX84024MST)	349.05	
26 01 50 81-0167	EA	8,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (ORION LDRE1G1UNVFDSX84024MST)	415.61	

26 01 50 81-0168 Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components) *(26 01 50 81-0128)*

Note: Includes adaptor frame, optical system, lamps and ballasts. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.

26 01 50 81-0169	EA	1 T5 Lamp, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	305.37	
26 01 50 81-0170	EA	1 T8 Lamp, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	228.88	
26 01 50 81-0171	EA	2 T5 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	313.65	
26 01 50 81-0172	EA	2 T8 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	237.07	
26 01 50 81-0173	EA	3 T5 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	328.66	
26 01 50 81-0174	EA	3 T8 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	258.07	
26 01 50 81-0175	EA	1 T5 Lamp, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	361.44	
26 01 50 81-0176	EA	1 T8 Lamp, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	284.73	
26 01 50 81-0177	EA	2 T5 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	369.19	
26 01 50 81-0178	EA	2 T8 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	292.54	
26 01 50 81-0179	EA	3 T5 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	384.03	
26 01 50 81-0180	EA	3 T8 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	313.45	

26 01 50 81-0181 LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL2R/RT) *(26 01 50 81-0128)*

Note: Includes removing existing lamps and ballast. Includes installing LED light engine assembly, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.

26 01 50 81-0182	EA	3,300 Lumens, 2' x 2', LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL2R/RT)	688.45	
26 01 50 81-0183	EA	4,800 Lumens, 2' x 4', LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL4R/RT)	764.94	

26 01 50 81-0184 Retrofit Existing HID Fixtures *(26 01 50 81-0001)*

26 01 50 81-0185	EA	Tear Drop LED Retrofit Kit (Holophane LTDRL2 P35S 40K AS BK TDRD 3 P)	1,559.38	

26 01 50 81-0186 LED Lighting Retrofits For Existing Fluorescent Fixtures *(26 01 50 81-0001)*

Note: Excludes recycling or disposal of lamps and ballasts.

26 01 50 81-0187 LED Lightbar Retrofit For Existing Fluorescent Fixtures (Lithonia) *(26 01 50 81-0186)*

26 01 50 81-0188	EA	2' Length, 2 Bar, 2,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 2FT 2 2000LMHE 80CRI 35K MIN10 GZT MVOLT)	119.74	
		For >25 To 50, Deduct	*-5.99*	
		For >50 To 100, Deduct	*-10.46*	
		For >100, Deduct	*-17.88*	
26 01 50 81-0189	EA	2' Length, 4 Bar, 8,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 2FT 4 8000LMHE 80CRI MIN10 GZT MVOLT)	171.79	
		For >25 To 50, Deduct	*-8.59*	
		For >50 To 100, Deduct	*-14.36*	
		For >100, Deduct	*-23.08*	
26 01 50 81-0190	EA	3' Length, 2 Bar, 4,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 3FT 2 4000LMHE 80CRI 35K MIN10 GZT MVOLT)	130.09	
		For >25 To 50, Deduct	*-6.50*	
		For >50 To 100, Deduct	*-11.31*	
		For >100, Deduct	*-19.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0191	EA	3' Length, 1 Bar, 1,600 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 3FT 1 1600LMHE 80CRI 35K MIN10 GZT MVOLT)	119.93	
		For >25 To 50, Deduct	*-6.00*	
		For >50 To 100, Deduct	*-10.55*	
		For >100, Deduct	*-18.22*	
26 01 50 81-0192	EA	4' Length, 2 Bar, 6,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 2 6000LMHE 80CRI 35K MIN10 GZT MVOLT)	155.80	
		For >25 To 50, Deduct	*-7.79*	
		For >50 To 100, Deduct	*-13.32*	
		For >100, Deduct	*-22.14*	
26 01 50 81-0193	EA	4' Length, 4 Bar, 6,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 4 6000LMHE 80CRI 35K MIN10 GZT MVOLT)	200.91	
		For >25 To 50, Deduct	*-10.05*	
		For >50 To 100, Deduct	*-16.71*	
		For >100, Deduct	*-26.65*	
26 01 50 81-0194	EA	4' Length, 1 Bar, 3,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 1 3000LMHE 80CRI 35K MIN10 GZT MVOLT)	129.48	
		For >25 To 50, Deduct	*-6.47*	
		For >50 To 100, Deduct	*-11.35*	
		For >100, Deduct	*-19.51*	
26 01 50 81-0195	EA	4' Length, 1 Bar, 4,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 1 4000LMHE 80CRI 35K MIN10 GZT MVOLT)	129.48	
		For >25 To 50, Deduct	*-6.47*	
		For >50 To 100, Deduct	*-11.35*	
		For >100, Deduct	*-19.51*	
26 01 50 81-0196	EA	4' Length, 4 Bar, 8,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 4 8000LMHE 80CRI 35K MIN10 GZT MVOLT)	164.82	
		For >25 To 50, Deduct	*-8.24*	
		For >50 To 100, Deduct	*-14.00*	
		For >100, Deduct	*-23.04*	
26 01 50 81-0197	EA	4' Length, 2 Bar, 4,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 2 4000LMHE 80CRI 35K MIN10 GZT MVOLT)	140.76	
		For >25 To 50, Deduct	*-7.04*	
		For >50 To 100, Deduct	*-12.20*	
		For >100, Deduct	*-20.63*	
26 01 50 81-0198	EA	4' Length, 2 Bar, 3,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 2 3000LMHE 80CRI 35K MIN10 GZT MVOLT)	140.76	
		For >25 To 50, Deduct	*-7.04*	
		For >50 To 100, Deduct	*-12.20*	
		For >100, Deduct	*-20.63*	

26 01 50 81-0199 LED Retrofit For Existing Fluorescent Fixtures (Lithonia) *(26 01 50 81-0186)*

26 01 50 81-0200	EA	1'x 4', 4,000 Lumens, 3500K CCT, Square Smooth Diffuser, Dimming LED Relight Assembly (Lithonia BLT4R F 40LHE SDSMT MVOLT EZ1 LP835 NLTAIR2)	278.76	
		For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add	*179.91*	
		For nLight AIR radio module without sensor (nLight RIO), Add	*116.95*	
		For >25 To 50, Deduct	*-13.94*	
		For >50 To 100, Deduct	*-22.55*	
		For >100, Deduct	*-34.43*	
26 01 50 81-0201	EA	1'x 4', 4,800 Lumens, 3500K CCT, Curved Smooth Diffuser, Dimming LED Relight Assembly (Lithonia BLT4R 48LHE ADSMT MVOLT EZ1 LP835 NLTAIR2)	300.10	
		For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add	*179.91*	
		For nLight AIR radio module without sensor (nLight RIO), Add	*116.95*	
		For >25 To 50, Deduct	*-15.01*	
		For >50 To 100, Deduct	*-24.15*	
		For >100, Deduct	*-36.57*	
26 01 50 81-0202	EA	2'x 2', 3,300 Lumens, 3500K CCT, Square Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT2R 33LHE SDSMT MVOLT EZ1 LP835 NLTAIR2)	316.05	
		For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add	*179.91*	
		For nLight AIR radio module without sensor (nLight RIO), Add	*116.95*	
		For >25 To 50, Deduct	*-15.80*	
		For >50 To 100, Deduct	*-25.34*	
		For >100, Deduct	*-38.16*	
26 01 50 81-0203	EA	2'x 2', 4,000 Lumens, 3500K CCT, Square Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT2R F 40LHE SDSMT MVOLT EZ1 LP835 NLTAIR2)	340.97	
		For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add	*179.91*	
		For nLight AIR radio module without sensor (nLight RIO), Add	*116.95*	
		For >25 To 50, Deduct	*-17.05*	
		For >50 To 100, Deduct	*-27.21*	
		For >100, Deduct	*-40.66*	
26 01 50 81-0204	EA	2'x 4', 4,000 Lumens, 3500K CCT, Curved Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT4R 40LHE ADSMT MVOLT EZ1 LP835 NLTAIR2 RIO)	366.36	
		For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add	*179.91*	
		For nLight AIR radio module without sensor (nLight RIO), Add	*116.95*	
		For >25 To 50, Deduct	*-18.32*	
		For >50 To 100, Deduct	*-29.44*	
		For >100, Deduct	*-44.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0205	EA	2'x 4', 4,800 Lumens, 3500K CCT, Curved Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT4R 48LHE ADSMT MVOLT EZ1 LP835 NLTAIR2 RIO)	395.30	
		For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add	*179.91*	
		For nLight AIR radio module without sensor (nLight RIO), Add	*116.95*	
		For >25 To 50, Deduct	*-19.77*	
		For >50 To 100, Deduct	*-31.62*	
		For >100, Deduct	*-47.40*	

26 01 50 81-0206 LED Lighting Retrofits For Existing Fluorescent Fixtures (ELED Lights) *(26 01 50 81-0186)*

Note: Includes removal of existing fluorescent lamps, installing LED strip lighting and trim. Excludes recycling or disposal of lamps. See CSI section 02 84 16 00-0003 for ballast recycling.

26 01 50 81-0207	EA	2' Dimmable, 20 Watts, 2,900 Lumens, 4000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X2STRPD20W40)	113.32	
		Note: Kit contains two 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-5.67*	
		For >50 To 100, Deduct	*-9.97*	
		For >100, Deduct	*-17.23*	
26 01 50 81-0208	EA	2' Dimmable, 20 Watts, 2,900 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X2STRPD20W50)	113.32	
		Note: Kit contains two 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-5.67*	
		For >50 To 100, Deduct	*-9.97*	
		For >100, Deduct	*-17.23*	
26 01 50 81-0209	EA	4' Dimmable, 32 Watts, 5,000 Lumens, 4000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X4STRPD32W40)	148.96	
		Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-7.45*	
		For >50 To 100, Deduct	*-12.81*	
		For >100, Deduct	*-21.45*	
26 01 50 81-0210	EA	4' Dimmable, 32 Watts, 5,000 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X4STRPD32W50)	148.96	
		Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-7.45*	
		For >50 To 100, Deduct	*-12.81*	
		For >100, Deduct	*-21.45*	
26 01 50 81-0211	EA	4' Dimmable, 35 Watts, 5,500 Lumens, 3000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN30)	149.08	
		Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-7.45*	
		For >50 To 100, Deduct	*-12.82*	
		For >100, Deduct	*-21.47*	
26 01 50 81-0212	EA	4' Dimmable, 35 Watts, 5,500 Lumens, 3000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN30F)	162.46	
		Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-8.12*	
		For >50 To 100, Deduct	*-13.82*	
		For >100, Deduct	*-22.80*	
26 01 50 81-0213	EA	4' Dimmable, 35 Watts, 5500 Lumens, 3500K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN35)	149.08	
		Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-7.45*	
		For >50 To 100, Deduct	*-12.82*	
		For >100, Deduct	*-21.47*	
26 01 50 81-0214	EA	4' Dimmable, 35 Watts, 5500 Lumens, 3500K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN35F)	162.46	
		Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-8.12*	
		For >50 To 100, Deduct	*-13.82*	
		For >100, Deduct	*-22.80*	
26 01 50 81-0215	EA	4' Dimmable, 35 Watts, 5,500 Lumens, 4000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN40)	149.08	
		Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-7.45*	
		For >50 To 100, Deduct	*-12.82*	
		For >100, Deduct	*-21.47*	
26 01 50 81-0216	EA	4' Dimmable, 35 Watts, 5,500 Lumens, 4000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN40F)	162.46	
		Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-8.12*	
		For >50 To 100, Deduct	*-13.82*	
		For >100, Deduct	*-22.80*	
26 01 50 81-0217	EA	4' Dimmable, 35 Watts, 5,500 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN50)	149.08	
		Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-7.45*	
		For >50 To 100, Deduct	*-12.82*	
		For >100, Deduct	*-21.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0218	EA	4' Dimmable, 35 Watts, 5,500 Lumens, 5000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN50F)	162.46	
		Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-8.12*	
		For >50 To 100, Deduct	*-13.82*	
		For >100, Deduct	*-22.80*	
26 01 50 81-0219	EA	4' Dimmable, 46 Watts, 6,800 Lumens, 5000K, Ultra High Lumen Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X4STRPD46W50)	162.34	
		Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-8.12*	
		For >50 To 100, Deduct	*-13.82*	
		For >100, Deduct	*-22.79*	
26 01 50 81-0220	EA	4' Dimmable, 31 Watts, 5,730 Lumens, 4000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40)	190.96	
		Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-9.55*	
		For >50 To 100, Deduct	*-15.96*	
		For >100, Deduct	*-25.65*	
26 01 50 81-0221	EA	4' Dimmable, 31 Watts, 5,730 Lumens, 4000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40F)	207.67	
		Note: Kit contains two 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-10.38*	
		For >50 To 100, Deduct	*-17.21*	
		For >100, Deduct	*-27.33*	
26 01 50 81-0222	EA	4' Dimmable, 31 Watts, 5,730 Lumens, 5000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50)	190.96	
		Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-9.55*	
		For >50 To 100, Deduct	*-15.96*	
		For >100, Deduct	*-25.65*	
26 01 50 81-0223	EA	4' Dimmable, 31 Watts, 5,730 Lumens, 5000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50F)	207.67	
		Note: Kit contains two 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-10.38*	
		For >50 To 100, Deduct	*-17.21*	
		For >100, Deduct	*-27.33*	
26 01 50 81-0224	EA	20 Watts, Emergency Battery Backup, For Use With 2' And 4' Linear LED Retrofit Kits (ELEDLIGHTS BLD-AM20D-480800)	205.37	
		Note: 90-minute emergency battery with DIP switch-selectable power output of 10 Watts, 15 Watts, or 20 Watts		
		For >25 To 50, Deduct	*-10.27*	
		For >50 To 100, Deduct	*-15.73*	
		For >100, Deduct	*-21.85*	
26 01 50 81-0225	EA	20 Watts, Emergency Battery Backup, For Use With 2' And 4' Linear LED Retrofit Kits (ELEDLIGHTS EM-HM-20W)	188.45	
		Note: 90-minute emergency battery with power output of 20 Watts		
		For >25 To 50, Deduct	*-9.42*	
		For >50 To 100, Deduct	*-14.46*	
		For >100, Deduct	*-20.16*	
26 01 50 81-0226	EA	8' Dimmable, 46 Watts, 7,400 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4X4STRPD46W50)	193.71	
		Note: Kit contains four 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-9.69*	
		For >50 To 100, Deduct	*-16.66*	
		For >100, Deduct	*-27.90*	
26 01 50 81-0227	EA	8' Dimmable, 49 Watts, 6,680 Lumens, 5000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4X4STRPD49W50F)	202.07	
		Note: Kit contains four 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-10.10*	
		For >50 To 100, Deduct	*-17.29*	
		For >100, Deduct	*-28.73*	
26 01 50 81-0228	EA	8' Dimmable, 64 Watts, 11,850 Lumens, 4000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40)	284.18	
		Note: Kit contains four 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-14.21*	
		For >50 To 100, Deduct	*-23.44*	
		For >100, Deduct	*-36.94*	
26 01 50 81-0229	EA	8' Dimmable, 64 Watts, 11,850 Lumens, 4000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40F)	317.62	
		Note: Kit contains four 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-15.88*	
		For >50 To 100, Deduct	*-25.95*	
		For >100, Deduct	*-40.29*	
26 01 50 81-0230	EA	8' Dimmable, 64 Watts, 11,850 Lumens, 5000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50)	284.18	
		Note: Kit contains four 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-14.21*	
		For >50 To 100, Deduct	*-23.44*	
		For >100, Deduct	*-36.94*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0231	EA	8' Dimmable, 64 Watts, 11,850 Lumens, 5000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50F)	317.62	
		Note: Kit contains four 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-15.88*	
		For >50 To 100, Deduct	*-25.95*	
		For >100, Deduct	*-40.29*	

26 05 Common Work Results for Electrical *(26)*

26 05 13 Medium-Voltage Cables *(26 05)*

26 05 13 16 Medium-Voltage, Single-and Multi-Conductor Cables *(26 05 13)*

26 05 13 16-0001 Wire And Cable *(26 05 13 16)*

Note: Pulled in conduit except as noted. Includes pull wires, pulling branch circuit conductors, testing, and splicing (#8 and lighter). All conductors are copper except as otherwise noted. No special set-up is required. Excludes terminations.

26 05 13 16-0002 Wire Connections *(26 05 13 16-0001)*

26 05 13 16-0003 Medium Voltage Up To 5 KV *(26 05 13 16-0002)*

26 05 13 16-0004 Copper Cable Splice, Crimp Compression Connection *(26 05 13 16-0003)*

Note: For bare wire.

26 05 13 16-0005	EA	#6 AWG Crimp Compression Connection For Bare Copper Wire	92.65
26 05 13 16-0006	EA	#4 AWG Crimp Compression Connection For Bare Copper Wire	103.80
26 05 13 16-0007	EA	#3 AWG Crimp Compression Connection For Bare Copper Wire	120.92
26 05 13 16-0008	EA	#2 AWG Crimp Compression Connection For Bare Copper Wire	135.60
26 05 13 16-0009	EA	#1 AWG Crimp Compression Connection For Bare Copper Wire	153.74
26 05 13 16-0010	EA	1/0 AWG Crimp Compression Connection For Bare Copper Wire	170.52
26 05 13 16-0011	EA	2/0 AWG Crimp Compression Connection For Bare Copper Wire	186.72
26 05 13 16-0012	EA	3/0 AWG Crimp Compression Connection For Bare Copper Wire	205.25
26 05 13 16-0013	EA	4/0 AWG Crimp Compression Connection For Bare Copper Wire	222.38
26 05 13 16-0014	EA	250 MCM Crimp Compression Connection For Bare Copper Wire	240.57
26 05 13 16-0015	EA	300 MCM Crimp Compression Connection For Bare Copper Wire	260.11
26 05 13 16-0016	EA	350 MCM Crimp Compression Connection For Bare Copper Wire	276.42
26 05 13 16-0017	EA	400 MCM Crimp Compression Connection For Bare Copper Wire	314.66
26 05 13 16-0018	EA	500 MCM Crimp Compression Connection For Bare Copper Wire	356.11

26 05 19 Low-Voltage Electrical Power Conductors and Cables *(26 05)*

26 05 19 16 Low-Voltage, Single-and Multi-Conductor Cables *(26 05 19)*

26 05 19 16-0001 Cable Installation Methods *(26 05 19 16)*

26 05 19 16-0002 Pull Cord *(26 05 19 16-0001)*

Note: Left in conduit for others to pull cable. Not to be used when contractor has priced new wire in a conduit. Priced when owner wants a pull cord left in a conduit for owner to pull wire at a later time.

26 05 19 16-0003	LF	Pull String Installed To Remain In Place, In Existing Conduit	0.41
26 05 19 16-0004	LF	Pull String Installed To Remain In Place, In New Conduits	0.22
26 05 19 16-0005	LF	1/4" Nylon Pull Cord Installed To Remain In Place, In Existing Conduit	0.71
26 05 19 16-0006	LF	1/4" Nylon Pull Cord Installed To Remain In Place, In New Conduits	0.45

26 05 19 16-0007 Bore Conduit Into Dirt Or Sand *(26 05 19 16-0001)*

Note: For installation under roads, driveways or other structures up to 20'.

26 05 19 16-0008	LF	Bore 1" To 4" Conduit Into Dirt Or Sand	3.88
26 05 19 16-0009	LF	Bore 5" To 8" Conduit Into Dirt Or Sand	4.93
26 05 19 16-0010	EA	Minimum Set-up Charge For Boring	542.39
		Note: For projects where the total boring charge is less than the minimum set-up charge. Use this item exclusively. This item should not be used in conjunction with any other items in this section.	

26 05 19 16-0011 Wire and Cable *(26 05 19 16)*

Note: Pulled in conduit except as noted. Includes pull wires, pulling branch circuit conductors, splicing (#8 and lighter), identifying, tagging and testing. All conductors are copper except as otherwise noted. No special set-up is required. For tasks installed in conduit, tasks exclude conduit. Excludes terminations. See CSI section 26 05 33 13-0058 for various conduit types.

26 05 19 16-0012 600 Volt Wire *(26 05 19 16-0011)*

26 05 19 16-0013 600 Volt, Armored Cable, Copper Conductors *(26 05 19 16-0012)*

26 05 19 16-0014 MC, Solid Or Stranded, Galvanized Steel Armor *(26 05 19 16-0013)*

26 05 19 16-0015	MLF	2 Conductors, #14 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	4,520.78	1,309.61
26 05 19 16-0016	MLF	2 Conductors, #12 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	5,034.68	1,471.47
26 05 19 16-0017	MLF	2 Conductors, #10 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	6,309.45	1,616.84
26 05 19 16-0018	MLF	2 Conductors, #8 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	8,644.74	1,727.76
26 05 19 16-0019	MLF	2 Conductors, #6 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	11,304.95	1,831.62
26 05 19 16-0020	MLF	3 Conductors, #14 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	5,291.16	1,471.47
26 05 19 16-0021	MLF	3 Conductors, #12 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	6,043.47	1,616.84
26 05 19 16-0022	MLF	3 Conductors, #10 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	8,035.74	1,844.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0023	MLF	3 Conductors, #8 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	11,133.08	1,990.33
26 05 19 16-0024	MLF	3 Conductors, #6 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	13,326.61	2,146.83
26 05 19 16-0025	MLF	3 Conductors, #4 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	17,088.10	2,305.69
26 05 19 16-0026	MLF	3 Conductors, #2 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	24,875.18	2,461.67
26 05 19 16-0027	MLF	4 Conductors, #14 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	6,286.18	1,616.84
26 05 19 16-0028	MLF	4 Conductors, #12 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	7,214.54	1,844.57
26 05 19 16-0029	MLF	4 Conductors, #10 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	12,165.10	2,046.26
26 05 19 16-0030	MLF	4 Conductors, #8 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	17,390.39	2,254.09
26 05 19 16-0031	MLF	4 Conductors, #6 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	21,840.91	2,411.76
26 05 19 16-0032	MLF	4 Conductors, #4 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	29,873.15	2,567.87
26 05 19 16-0033	MLF	4 Conductors, #2 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	39,612.17	2,722.67

26 05 19 16-0034 FPLP Solid TFN Red Armored Cable *(26 05 19 16-0013)*

Note: Color coded red.

26 05 19 16-0035	MLF	#18/2 With Bare #18 Ground Type TFN FPLP Red Armored Cable	4,284.61	995.30
26 05 19 16-0036	MLF	#18/4 With Bare #18 Ground Type TFN FPLP Red Armored Cable	4,859.49	1,152.45
26 05 19 16-0037	MLF	#18/6 With Bare #18 Ground Type TFN FPLP Red Armored Cable	6,056.85	1,309.61
26 05 19 16-0038	MLF	#18/8 With Bare #18 Ground Type TFN FPLP Red Armored Cable	6,956.98	1,466.76
26 05 19 16-0039	MLF	#16/2 With Bare #16 Ground Type TFN FPLP Red Armored Cable	4,871.34	1,152.45
26 05 19 16-0040	MLF	#16/4 With Bare #16 Ground Type TFN FPLP Red Armored Cable	5,772.54	1,309.61
26 05 19 16-0041	MLF	#16/6 With Bare #16 Ground Type TFN FPLP Red Armored Cable	7,298.37	1,466.76
26 05 19 16-0042	MLF	#16/8 With Bare #16 Ground Type TFN FPLP Red Armored Cable	8,314.82	1,623.91

26 05 19 16-0043 FPLP Solid THHN Red Armored Cable *(26 05 19 16-0013)*

Note: Color coded red.

26 05 19 16-0044	MLF	#14/2 With #14 Ground Type THHN FPLP Red Armored Cable	5,403.14	1,309.61
26 05 19 16-0045	MLF	#14/4 With #14 Ground Type THHN FPLP Red Armored Cable	6,753.43	1,466.76
26 05 19 16-0046	MLF	#14/6 With #14 Ground Type THHN FPLP Red Armored Cable	9,076.22	1,623.91
26 05 19 16-0047	MLF	#14/8 With #14 Ground Type THHN FPLP Red Armored Cable	10,551.44	1,781.06
26 05 19 16-0048	MLF	#12/2 With #12 Ground Type THHN FPLP Red Armored Cable	6,867.59	1,466.76
26 05 19 16-0049	MLF	#12/4 With #12 Ground Type THHN FPLP Red Armored Cable	8,450.51	1,623.91

26 05 19 16-0050 FPLP Twisted Shielded Pair Red Armored Cable *(26 05 19 16-0013)*

Note: Color coded red.

26 05 19 16-0051	MLF	#18/2 With #18 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	4,672.31	995.30
26 05 19 16-0052	MLF	#18/2 With #18 Tinned Ground And #14/2 With #14 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	7,522.38	1,466.76
26 05 19 16-0053	MLF	#16/2 With #16 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	5,766.28	1,152.45
26 05 19 16-0054	MLF	#16/4 With Two #16 Tinned Grounds FPLP Twisted Shielded Pair Red Armored Cable	6,825.80	1,309.61
26 05 19 16-0055	MLF	#16/2 With #16 Tinned Ground And #12/2 With #12 Ground FPLP Twisted Shielded Pair Red Armored Cable	9,546.85	1,623.91
26 05 19 16-0056	MLF	#14/2 With One #16 Tinned Ground And One #14 Ground FPLP Twisted Shielded Pair Red Armored Cable	6,751.07	1,361.99
26 05 19 16-0057	MLF	#14/4 With Two #16 Tinned Ground And One #14 Ground FPLP Twisted Shielded Pair Red Armored Cable	8,371.25	1,571.53

26 05 19 16-0058 Armored Cable Connectors *(26 05 19 16-0013)*

26 05 19 16-0059	EA	3/4" Armored Cable Connector	7.98	2.87
		For Work In Restricted Working Space, Add	*2.15*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.72*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.44*	
		For Elevated Installation >20' To 25' Above Floor, Add	*1.80*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.51*	
		For Elevated Installation >30' To 35' Above Floor, Add	*2.87*	
		For Elevated Installation >35' To 40' Above Floor, Add	*3.59*	
		For Elevated Installation >40' Above Floor, Add	*3.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.15*	
26 05 19 16-0060	EA	1" Armored Cable Connector	10.65	3.83
		For Work In Restricted Working Space, Add	*2.87*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.96*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.91*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.39*	
		For Elevated Installation >25' To 30' Above Floor, Add	*3.35*	
		For Elevated Installation >30' To 35' Above Floor, Add	*3.83*	
		For Elevated Installation >35' To 40' Above Floor, Add	*4.79*	
		For Elevated Installation >40' Above Floor, Add	*5.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.87*	
26 05 19 16-0061	EA	1-1/4" Armored Cable Connector	13.40	4.78
		For Work In Restricted Working Space, Add	*3.59*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.20*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.39*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.99*	
		For Elevated Installation >25' To 30' Above Floor, Add	*4.19*	
		For Elevated Installation >30' To 35' Above Floor, Add	*4.79*	
		For Elevated Installation >35' To 40' Above Floor, Add	*5.99*	
		For Elevated Installation >40' Above Floor, Add	*6.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.59*	

26 05 19 16-0062 600 Volt, Feeder Wire, Single Stranded Copper *(26 05 19 16-0012)*

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	MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0063	MLF	#3 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	4,503.89	673.52
		For Ethylene-Propylene Rubber (EPR) Insulation, Add	*370.47*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*864.43*	
26 05 19 16-0064	MLF	600 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	31,101.24	2,168.70
		For Ethylene-Propylene Rubber (EPR) Insulation, Add	*3,731.90*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*8,707.76*	
26 05 19 16-0065	MLF	#18 AWG, Type TFFN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	598.28	239.30
26 05 19 16-0066	MLF	#16 AWG, Type TFFN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	745.56	263.24
26 05 19 16-0067	MLF	#14 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	763.33	191.92
26 05 19 16-0068	MLF	#12 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	954.08	228.78
26 05 19 16-0069	MLF	#10 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,192.36	287.77
26 05 19 16-0070	MLF	#8 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,694.39	379.30
26 05 19 16-0071	MLF	#6 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,337.18	458.03
26 05 19 16-0072	MLF	#4 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,129.03	541.31
26 05 19 16-0073	MLF	#3 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,753.62	612.74
26 05 19 16-0074	MLF	#2 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	4,510.40	686.20
26 05 19 16-0075	MLF	#1 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	5,405.03	774.39
26 05 19 16-0076	MLF	1/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	6,290.64	847.97
26 05 19 16-0077	MLF	2/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	7,164.65	937.12
26 05 19 16-0078	MLF	3/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	8,564.48	991.20
26 05 19 16-0079	MLF	4/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	10,256.49	1,115.16
26 05 19 16-0080	MLF	250 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	12,093.33	1,186.36
26 05 19 16-0081	MLF	300 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	14,010.43	1,343.58
26 05 19 16-0082	MLF	350 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	16,076.90	1,486.92
26 05 19 16-0083	MLF	400 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	18,068.02	1,527.60
26 05 19 16-0084	MLF	500 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	21,575.54	1,616.15
26 05 19 16-0085	MLF	600 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	26,927.30	1,901.88
26 05 19 16-0086	MLF	750 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	41,752.83	2,252.81
26 05 19 16-0087	MLF	1,000 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	50,092.95	2,719.94
26 05 19 16-0088	MLF	#16 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,035.87	574.81
26 05 19 16-0089	MLF	#14 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,370.92	669.81
26 05 19 16-0090	MLF	#12 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,907.17	766.37
26 05 19 16-0091	MLF	#10 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	5,090.98	861.14
26 05 19 16-0092	MLF	#8 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	5,770.91	957.22
26 05 19 16-0093	MLF	#6 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	7,376.92	1,051.98
26 05 19 16-0094		**Non-Metallic Sheathed Cable** *(26 05 19 16-0012)*		
26 05 19 16-0095		**Indoor Installation** *(26 05 19 16-0094)*		
		Note: For NM, NM-B, NMC-B and NMS-B.		
26 05 19 16-0096	MLF	#14 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	3,745.91	909.24
		For Installation In Wood Stud Wall (Includes Drilling), Add	*340.96*	
26 05 19 16-0097	MLF	#14 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	4,771.40	1,100.81
		For Installation In Wood Stud Wall (Includes Drilling), Add	*412.82*	
26 05 19 16-0098	MLF	#14 AWG, 4 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	7,754.46	1,218.06
		For Installation In Wood Stud Wall (Includes Drilling), Add	*456.77*	
26 05 19 16-0099	MLF	#12 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	4,995.31	1,033.80
		For Installation In Wood Stud Wall (Includes Drilling), Add	*367.93*	
26 05 19 16-0100	MLF	#12 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	7,675.76	1,148.43
		For Installation In Wood Stud Wall (Includes Drilling), Add	*430.68*	
26 05 19 16-0101	MLF	#12 AWG, 4 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	10,637.32	1,282.67
		For Installation In Wood Stud Wall (Includes Drilling), Add	*481.00*	
26 05 19 16-0102	MLF	#10 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	6,380.42	1,149.02
		For Installation In Wood Stud Wall (Includes Drilling), Add	*430.90*	
26 05 19 16-0103	MLF	#10 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	11,004.75	1,340.35
		For Installation In Wood Stud Wall (Includes Drilling), Add	*502.63*	
26 05 19 16-0104	MLF	#10 AWG, 4 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	13,242.39	1,531.55
		For Installation In Wood Stud Wall (Includes Drilling), Add	*574.33*	
26 05 19 16-0105	MLF	#8 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	13,586.16	1,376.00
		For Installation In Wood Stud Wall (Includes Drilling), Add	*489.98*	
26 05 19 16-0106	MLF	#8 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	17,518.26	1,663.17
		For Installation In Wood Stud Wall (Includes Drilling), Add	*592.28*	
26 05 19 16-0107	MLF	#6 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	18,233.23	1,567.44
		For Installation In Wood Stud Wall (Includes Drilling), Add	*556.38*	
26 05 19 16-0108	MLF	#6 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	24,691.84	1,890.51
		For Installation In Wood Stud Wall (Includes Drilling), Add	*673.04*	
26 05 19 16-0109	MLF	#4 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	61,131.05	2,081.95
		For Installation In Wood Stud Wall (Includes Drilling), Add	*740.35*	
26 05 19 16-0110	MLF	#2 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	71,595.67	2,261.44
		For Installation In Wood Stud Wall (Includes Drilling), Add	*807.65*	
26 05 19 16-0111		**Direct Burial Cable** *(26 05 19 16-0094)*		
		Note: Excludes trench and backfill. For NM, NM-B, NMC-B and NMS-B. Copper.		
26 05 19 16-0112	MLF	#14 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	2,737.06	
26 05 19 16-0113	MLF	#14 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	3,580.89	
26 05 19 16-0114	MLF	#12 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	3,480.13	
26 05 19 16-0115	MLF	#12 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	4,501.51	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0116	MLF	#10 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	3,804.47	
26 05 19 16-0117	MLF	#10 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	5,506.92	
26 05 19 16-0118	MLF	#8 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	5,993.10	
26 05 19 16-0119	MLF	#8 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	7,689.63	
26 05 19 16-0120	MLF	#6 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	7,582.83	
26 05 19 16-0121	MLF	#6 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	10,026.55	

26 05 19 16-0122 SEU Cable Copper, 3 Conductor *(26 05 19 16-0094)*

26 05 19 16-0123	MLF	12-12-12 Cable SEU Copper	3,600.04	1,152.85
26 05 19 16-0124	MLF	10-10-10 Cable SEU Copper	4,557.52	1,309.61
26 05 19 16-0125	MLF	8-8-8 Cable SEU Copper	5,717.89	1,466.49
26 05 19 16-0126	MLF	6-6-8 Cable SEU Copper	6,963.03	1,572.18
26 05 19 16-0127	MLF	6-6-6 Cable SEU Copper	7,509.63	1,624.82
26 05 19 16-0128	MLF	4-4-6 Cable SEU Copper	9,212.71	1,781.72
26 05 19 16-0129	MLF	4-4-4 Cable SEU Copper	9,952.03	1,834.23
26 05 19 16-0130	MLF	3-3-5 Cable SEU Copper	11,630.51	1,990.33
26 05 19 16-0131	MLF	3-3-3 Cable SEU Copper	12,359.15	2,095.37
26 05 19 16-0132	MLF	2-2-4 Cable SEU Copper	13,214.06	2,201.05
26 05 19 16-0133	MLF	2-2-2 Cable SEU Copper	14,141.91	2,305.69
26 05 19 16-0134	MLF	1-1-1 Cable SEU Copper	17,371.54	2,619.21
26 05 19 16-0135	MLF	1/0-1/0-1/0 Cable SEU Copper	20,728.11	2,936.40
26 05 19 16-0136	MLF	2/0-2/0-2/0 Cable SEU Copper	25,030.10	3,307.15
26 05 19 16-0137	MLF	3/0-3/0-3/0 Cable SEU Copper	30,205.50	3,678.68
26 05 19 16-0138	MLF	4/0-4/0-4/0 Cable SEU Copper	33,758.05	4,105.35

26 05 19 16-0139 SEU Cable Aluminum, 3 Conductor *(26 05 19 16-0094)*

26 05 19 16-0140	MLF	8-8-8 Cable SEU Aluminum	4,623.61	1,471.47
26 05 19 16-0141	MLF	6-6-6 Cable SEU Aluminum	5,256.88	1,616.84
26 05 19 16-0142	MLF	4-4-6 Cable SEU Aluminum	5,893.22	1,769.80
26 05 19 16-0143	MLF	4-4-4 Cable SEU Aluminum	6,168.91	1,844.57
26 05 19 16-0144	MLF	2-2-4 Cable SEU Aluminum	7,375.40	2,182.72
26 05 19 16-0145	MLF	2-2-2 Cable SEU Aluminum	7,824.80	2,297.57
26 05 19 16-0146	MLF	1-1-1 Cable SEU Aluminum	9,367.98	2,619.21
26 05 19 16-0147	MLF	1/0-1/0-2 Cable SEU Aluminum	9,913.05	2,757.11
26 05 19 16-0148	MLF	1/0-1/0-1/0 Cable SEU Aluminum	11,951.17	2,910.20
26 05 19 16-0149	MLF	2/0-2/0-1 Cable SEU Aluminum	11,193.59	3,118.17
26 05 19 16-0150	MLF	2/0-2/0-2/0 Cable SEU Aluminum	11,820.50	3,274.01
26 05 19 16-0151	MLF	3/0-3/0-1/0 Cable SEU Aluminum	12,846.24	3,428.28
26 05 19 16-0152	MLF	3/0-3/0-3/0 Cable SEU Aluminum	13,736.76	3,637.82
26 05 19 16-0153	MLF	4/0-4/0-2/0 Cable SEU Aluminum	14,523.11	3,932.75
26 05 19 16-0154	MLF	4/0-4/0-4/0 Cable SEU Aluminum	15,324.94	4,092.51

26 05 19 16-0155 SER Cable Copper, 4 Conductor *(26 05 19 16-0094)*

26 05 19 16-0156	MLF	6-6-6-6 Cable SER Copper	11,672.94	1,887.01
26 05 19 16-0157	MLF	4-4-4-6 Cable SER Copper	12,805.70	2,043.11
26 05 19 16-0158	MLF	3-3-3-5 Cable SER Copper	15,918.12	2,305.69
26 05 19 16-0159	MLF	2-2-2-4 Cable SER Copper	18,250.58	2,513.65
26 05 19 16-0160	MLF	1-1-1-3 Cable SER Copper	21,282.83	2,878.25
26 05 19 16-0161	MLF	1/0-1/0-1/0-2 Cable SER Copper	25,966.14	3,298.76
26 05 19 16-0162	MLF	2/0-2/0-2/0-1 Cable SER Copper	32,657.08	3,558.72
26 05 19 16-0163	MLF	3/0-3/0-3/0-1/0 Cable SER Copper	37,748.65	3,980.54

26 05 19 16-0164 SER Cable Aluminum, 4 Conductor *(26 05 19 16-0094)*

26 05 19 16-0165	MLF	8-8-8-8 Cable SER Aluminum	5,737.93	1,761.28
26 05 19 16-0166	MLF	6-6-6-6 Cable SER Aluminum	6,247.20	1,887.01
26 05 19 16-0167	MLF	4-4-4-6 Cable SER Aluminum	6,975.34	2,043.11
26 05 19 16-0168	MLF	2-2-2-4 Cable SER Aluminum	8,771.48	2,513.65
26 05 19 16-0169	MLF	1-1-1-3 Cable SER Aluminum	10,522.62	2,878.25
26 05 19 16-0170	MLF	1/0-1/0-1/0-2 Cable SER Aluminum	11,899.64	3,298.76
26 05 19 16-0171	MLF	2/0-2/0-2/0-1 Cable SER Aluminum	13,280.64	3,558.72
26 05 19 16-0172	MLF	3/0-3/0-3/0-1/0 Cable SER Aluminum	15,101.76	3,980.54
26 05 19 16-0173	MLF	4/0-4/0-4/0-2/0 Cable SER Aluminum	17,127.91	4,435.50

26 05 19 16-0174 Control Tray Cable, Low Voltage *(26 05 19 16-0011)*

Note: Type "TC" multi-conductor (individually numbered conductors) control cables installed in conduit.

26 05 19 16-0175	MLF	2 Conductor #18 AWG, Stranded, Type TC Control Cable	1,367.13	580.43
		For Work In Restricted Working Space, Add	*290.22*	
26 05 19 16-0176	MLF	3 Conductor #18 AWG, Stranded, Type TC Control Cable	1,596.08	649.29
		For Work In Restricted Working Space, Add	*324.64*	
26 05 19 16-0177	MLF	4 Conductor #18 AWG, Stranded, Type TC Control Cable	1,700.77	649.24
		For Work In Restricted Working Space, Add	*324.64*	
26 05 19 16-0178	MLF	5 Conductor #18 AWG, Stranded, Type TC Control Cable	2,128.15	814.33
		For Work In Restricted Working Space, Add	*407.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0179	MLF	7 Conductor #18 AWG, Stranded, Type TC Control Cable	2,710.35	992.34
		For Work In Restricted Working Space, Add	*496.17*	
26 05 19 16-0180	MLF	9 Conductor #18 AWG, Stranded, Type TC Control Cable	3,132.14	1,091.23
		For Work In Restricted Working Space, Add	*545.61*	
26 05 19 16-0181	MLF	12 Conductor #18 AWG, Stranded, Type TC Control Cable	3,779.69	1,239.91
		For Work In Restricted Working Space, Add	*619.96*	
26 05 19 16-0182	MLF	15 Conductor #18 AWG, Stranded, Type TC Control Cable	4,829.13	1,515.52
		For Work In Restricted Working Space, Add	*757.76*	
26 05 19 16-0183	MLF	19 Conductor #18 AWG, Stranded, Type TC Control Cable	5,591.84	1,653.36
		For Work In Restricted Working Space, Add	*826.68*	
26 05 19 16-0184	MLF	25 Conductor #18 AWG, Stranded, Type TC Control Cable	6,858.18	1,705.05
		For Work In Restricted Working Space, Add	*852.53*	
26 05 19 16-0185	MLF	30 Conductor #18 AWG, Stranded, Type TC Control Cable	8,375.51	2,130.06
		For Work In Restricted Working Space, Add	*1,065.03*	
26 05 19 16-0186	MLF	37 Conductor #18 AWG, Stranded, Type TC Control Cable	10,106.97	2,489.37
		For Work In Restricted Working Space, Add	*1,244.69*	
26 05 19 16-0187	MLF	2 Conductor #16 AWG, Stranded, Type TC Control Cable	1,517.91	611.43
		For Work In Restricted Working Space, Add	*305.47*	
26 05 19 16-0188	MLF	3 Conductor #16 AWG, Stranded, Type TC Control Cable	1,781.53	683.46
		For Work In Restricted Working Space, Add	*341.73*	
26 05 19 16-0189	MLF	4 Conductor #16 AWG, Stranded, Type TC Control Cable	2,084.69	786.84
		For Work In Restricted Working Space, Add	*393.42*	
26 05 19 16-0190	MLF	5 Conductor #16 AWG, Stranded, Type TC Control Cable	2,392.31	857.19
		For Work In Restricted Working Space, Add	*428.60*	
26 05 19 16-0191	MLF	7 Conductor #16 AWG, Stranded, Type TC Control Cable	3,061.51	1,044.57
		For Work In Restricted Working Space, Add	*522.28*	
26 05 19 16-0192	MLF	9 Conductor #16 AWG, Stranded, Type TC Control Cable	3,556.23	1,148.66
		For Work In Restricted Working Space, Add	*574.33*	
26 05 19 16-0193	MLF	12 Conductor #16 AWG, Stranded, Type TC Control Cable	4,316.74	1,305.17
		For Work In Restricted Working Space, Add	*652.58*	
26 05 19 16-0194	MLF	15 Conductor #16 AWG, Stranded, Type TC Control Cable	5,537.75	1,595.21
		For Work In Restricted Working Space, Add	*797.60*	
26 05 19 16-0195	MLF	19 Conductor #16 AWG, Stranded, Type TC Control Cable	6,445.69	1,740.23
		For Work In Restricted Working Space, Add	*870.11*	
26 05 19 16-0196	MLF	25 Conductor #16 AWG, Stranded, Type TC Control Cable	8,011.84	1,794.79
		For Work In Restricted Working Space, Add	*897.39*	
26 05 19 16-0197	MLF	30 Conductor #16 AWG, Stranded, Type TC Control Cable	9,768.52	2,242.05
		For Work In Restricted Working Space, Add	*1,121.02*	
26 05 19 16-0198	MLF	37 Conductor #16 AWG, Stranded, Type TC Control Cable	11,814.83	2,620.39
		For Work In Restricted Working Space, Add	*1,310.19*	
26 05 19 16-0199	MLF	2 Conductor #14 AWG, Stranded, Type TC Control Cable	1,670.46	638.23
		For Work In Restricted Working Space, Add	*319.11*	
26 05 19 16-0200	MLF	3 Conductor #14 AWG, Stranded, Type TC Control Cable	2,041.21	717.92
		For Work In Restricted Working Space, Add	*358.96*	
26 05 19 16-0201	MLF	4 Conductor #14 AWG, Stranded, Type TC Control Cable	2,414.56	820.58
		For Work In Restricted Working Space, Add	*410.29*	
26 05 19 16-0202	MLF	5 Conductor #14 AWG, Stranded, Type TC Control Cable	2,757.80	883.76
		For Work In Restricted Working Space, Add	*441.88*	
26 05 19 16-0203	MLF	7 Conductor #14 AWG, Stranded, Type TC Control Cable	3,768.55	1,083.34
		For Work In Restricted Working Space, Add	*541.67*	
26 05 19 16-0204	MLF	9 Conductor #14 AWG, Stranded, Type TC Control Cable	4,397.80	1,196.52
		For Work In Restricted Working Space, Add	*598.38*	
26 05 19 16-0205	MLF	12 Conductor #14 AWG, Stranded, Type TC Control Cable	5,532.91	1,335.32
		For Work In Restricted Working Space, Add	*667.66*	
26 05 19 16-0206	MLF	15 Conductor #14 AWG, Stranded, Type TC Control Cable	6,608.48	1,594.97
		For Work In Restricted Working Space, Add	*797.60*	
26 05 19 16-0207	MLF	19 Conductor #14 AWG, Stranded, Type TC Control Cable	12,034.77	1,853.42
		For Work In Restricted Working Space, Add	*926.47*	
26 05 19 16-0208	MLF	25 Conductor #14 AWG, Stranded, Type TC Control Cable	10,131.87	2,166.90
		For Work In Restricted Working Space, Add	*1,083.69*	
26 05 19 16-0209	MLF	30 Conductor #14 AWG, Stranded, Type TC Control Cable	11,877.19	2,421.53
		For Work In Restricted Working Space, Add	*1,210.76*	
26 05 19 16-0210	MLF	37 Conductor #14 AWG, Stranded, Type TC Control Cable	14,398.49	2,830.02
		For Work In Restricted Working Space, Add	*1,415.01*	
26 05 19 16-0211	MLF	2 Conductor #12 AWG, Stranded, Type TC Control Cable	2,007.57	683.46
		For Work In Restricted Working Space, Add	*341.73*	
26 05 19 16-0212	MLF	3 Conductor #12 AWG, Stranded, Type TC Control Cable	2,461.54	756.21
		For Work In Restricted Working Space, Add	*377.98*	
26 05 19 16-0213	MLF	4 Conductor #12 AWG, Stranded, Type TC Control Cable	3,044.39	870.12
		For Work In Restricted Working Space, Add	*435.06*	
26 05 19 16-0214	MLF	5 Conductor #12 AWG, Stranded, Type TC Control Cable	3,506.52	926.11
		For Work In Restricted Working Space, Add	*463.06*	
26 05 19 16-0215	MLF	7 Conductor #12 AWG, Stranded, Type TC Control Cable	4,743.13	1,104.16
		For Work In Restricted Working Space, Add	*552.08*	
26 05 19 16-0216	MLF	9 Conductor #12 AWG, Stranded, Type TC Control Cable	5,910.94	1,305.17
		For Work In Restricted Working Space, Add	*652.58*	
26 05 19 16-0217	MLF	12 Conductor #12 AWG, Stranded, Type TC Control Cable	7,308.05	1,472.44
		For Work In Restricted Working Space, Add	*736.22*	
26 05 19 16-0218	MLF	15 Conductor #12 AWG, Stranded, Type TC Control Cable	8,763.93	1,689.25
		For Work In Restricted Working Space, Add	*844.63*	
26 05 19 16-0219	MLF	19 Conductor #12 AWG, Stranded, Type TC Control Cable	10,448.30	1,914.68
		For Work In Restricted Working Space, Add	*957.34*	
26 05 19 16-0220	MLF	25 Conductor #12 AWG, Stranded, Type TC Control Cable	13,604.08	2,237.74
		For Work In Restricted Working Space, Add	*1,118.87*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0221		MLF	30 Conductor #12 AWG, Stranded, Type TC Control Cable	15,728.84	2,615.37
			For Work In Restricted Working Space, Add	*1,307.68*	
26 05 19 16-0222		MLF	37 Conductor #12 AWG, Stranded, Type TC Control Cable	19,133.38	3,056.88
			For Work In Restricted Working Space, Add	*1,528.44*	
26 05 19 16-0223		MLF	2 Conductor #10 AWG, Stranded, Type TC Control Cable	2,493.29	717.92
			For Work In Restricted Working Space, Add	*358.96*	
26 05 19 16-0224		MLF	3 Conductor #10 AWG, Stranded, Type TC Control Cable	3,226.81	787.31
			For Work In Restricted Working Space, Add	*393.42*	
26 05 19 16-0225		MLF	4 Conductor #10 AWG, Stranded, Type TC Control Cable	3,994.03	897.39
			For Work In Restricted Working Space, Add	*448.70*	
26 05 19 16-0226		MLF	5 Conductor #10 AWG, Stranded, Type TC Control Cable	4,715.70	973.49
			For Work In Restricted Working Space, Add	*486.74*	
26 05 19 16-0227		MLF	7 Conductor #10 AWG, Stranded, Type TC Control Cable	6,485.97	1,221.89
			For Work In Restricted Working Space, Add	*610.95*	
26 05 19 16-0228		MLF	9 Conductor #10 AWG, Stranded, Type TC Control Cable	7,775.79	1,367.62
			For Work In Restricted Working Space, Add	*683.81*	
26 05 19 16-0229		MLF	12 Conductor #10 AWG, Stranded, Type TC Control Cable	9,059.27	1,595.21
			For Work In Restricted Working Space, Add	*797.60*	
26 05 19 16-0230		MLF	15 Conductor #10 AWG, Stranded, Type TC Control Cable	10,773.42	1,824.22
			For Work In Restricted Working Space, Add	*912.11*	
26 05 19 16-0231		MLF	19 Conductor #10 AWG, Stranded, Type TC Control Cable	12,880.31	2,067.60
			For Work In Restricted Working Space, Add	*1,033.80*	
26 05 19 16-0232		MLF	25 Conductor #10 AWG, Stranded, Type TC Control Cable	16,864.37	2,416.50
			For Work In Restricted Working Space, Add	*1,208.25*	
26 05 19 16-0233		MLF	30 Conductor #10 AWG, Stranded, Type TC Control Cable	19,488.00	2,824.28
			For Work In Restricted Working Space, Add	*1,412.14*	
26 05 19 16-0234		MLF	37 Conductor #10 AWG, Stranded, Type TC Control Cable	23,752.96	3,301.69
			For Work In Restricted Working Space, Add	*1,650.84*	

26 05 19 16-0235 Multi-Conductor Cords, Cables And Associated Equipment *(26 05 19 16-0011)*

26 05 19 16-0236 Cord Grips, Cable Reels, Extension Cords, And Accessories *(26 05 19 16-0235)*

26 05 19 16-0237 Cable Reels *(26 05 19 16-0236)*

Note: Includes handling, mounting, electrical connections and installing cord. See CSI section 26 05 19 16-0235 for cords.

26 05 23 Control-Voltage Electrical Power Cables *(26 05)*

26 05 23 00-0001 Cable For HVAC System Controls *(26 05 23)*

26 05 23 00-0002 Low Voltage Thermostat Cable To 300 Volt *(26 05 23 00-0001)*

Note: For surface or conduit installation.

26 05 23 00-0003		MLF	#20/2 Conductor, Low Volt Thermostat Cable	485.69	152.56
26 05 23 00-0004		MLF	#20/3 Conductor, Low Volt Thermostat Cable	546.47	160.70
26 05 23 00-0005		MLF	#20/4 Conductor, Low Volt Thermostat Cable	589.71	169.91
26 05 23 00-0006		MLF	#20/5 Conductor, Low Volt Thermostat Cable	689.90	177.09
26 05 23 00-0007		MLF	#20/6 Conductor, Low Volt Thermostat Cable	721.60	185.47
26 05 23 00-0008		MLF	#20/7 Conductor, Low Volt Thermostat Cable	788.97	193.17
26 05 23 00-0009		MLF	#20/8 Conductor, Low Volt Thermostat Cable	848.25	200.89
26 05 23 00-0010		MLF	#20/9 Conductor, Low Volt Thermostat Cable	915.45	208.91
26 05 23 00-0011		MLF	#20/10 Conductor, Low Volt Thermostat Cable	979.14	215.19
26 05 23 00-0012		MLF	#18/2 Conductor, Low Volt Thermostat Cable	519.61	152.56
26 05 23 00-0013		MLF	#18/3 Conductor, Low Volt Thermostat Cable	607.00	160.70
26 05 23 00-0014		MLF	#18/4 Conductor, Low Volt Thermostat Cable	685.73	169.91
26 05 23 00-0015		MLF	#18/5 Conductor, Low Volt Thermostat Cable	729.54	177.09
26 05 23 00-0016		MLF	#18/6 Conductor, Low Volt Thermostat Cable	801.22	185.47
26 05 23 00-0017		MLF	#18/7 Conductor, Low Volt Thermostat Cable	825.53	193.17
26 05 23 00-0018		MLF	#18/8 Conductor, Low Volt Thermostat Cable	904.04	200.89
26 05 23 00-0019		MLF	#18/9 Conductor, Low Volt Thermostat Cable	1,049.32	208.91
26 05 23 00-0020		MLF	#18/10 Conductor, Low Volt Thermostat Cable	1,144.26	215.19

26 05 26 Grounding and Bonding for Electrical Systems *(26 05)*

26 05 26 00-0001 Ground Rods *(26 05 26)*

26 05 26 00-0002 Copper-Clad Ground Rods *(26 05 26 00-0001)*

26 05 26 00-0003		EA	1/2" Diameter x 8' Long Copper-Clad Ground Rods	108.23	98.22
26 05 26 00-0004		EA	5/8" Diameter x 8' Long Copper-Clad Ground Rods	112.36	98.22
26 05 26 00-0005		EA	3/4" Diameter x 8' Long Copper-Clad Ground Rods	129.03	98.22
26 05 26 00-0006		EA	1/2" Diameter x 10' Long Copper-Clad Ground Rods	127.12	98.22
26 05 26 00-0007		EA	5/8" Diameter x 10' Long Copper-Clad Ground Rods	132.29	98.22
26 05 26 00-0008		EA	3/4" Diameter x 10' Long Copper-Clad Ground Rods	153.12	98.22

26 05 26 00-0009 Copper Grounding Shaft *(26 05 26 00-0001)*

26 05 26 00-0010		EA	2-1/8" Diameter x 10' Long Copper Grounding Shaft	425.99	98.22
26 05 26 00-0011		EA	2-1/8" Diameter "L" Shaped; 3' Riser x 10' Horizontal Copper Grounding Shaft	532.84	98.22
26 05 26 00-0012		EA	2-1/8" Diameter "L" Shaped; 3' Riser x 20' Horizontal Copper Grounding Shaft	840.97	98.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0013		**Ground Access Wells** *(26 05 26 00-0001)*		
26 05 26 00-0014		**Precast Ground Access Wells** *(26 05 26 00-0013)*		
26 05 26 00-0015	EA	8" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate.	302.37	
26 05 26 00-0016	EA	10" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate.	313.38	
26 05 26 00-0017	EA	12" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate.	914.03	
26 05 26 00-0018	EA	18" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate.	925.04	
26 05 26 00-0019		**Polymer Concrete Ground Access Well** *(26 05 26 00-0013)*		
26 05 26 00-0020	EA	12" x 12" x 12" Polymer Concrete Ground Access Well	576.30	
26 05 26 00-0021	EA	12" x 12" x 12" Heavy-Duty Polymer Concrete Ground Access Well	632.39	
26 05 26 00-0022	EA	12" x 12" x 18" Polymer Concrete Ground Access Well	635.13	
26 05 26 00-0023	EA	12" x 12" x 18" Heavy-Duty Polymer Concrete Ground Access Well	696.85	
26 05 26 00-0024	EA	12" x 12" x 24" Polymer Concrete Ground Access Well	696.23	
26 05 26 00-0025	EA	12" x 12" x 24" Heavy-Duty Polymer Concrete Ground Access Well	764.12	
26 05 26 00-0026	EA	13" x 24" x 18" Polymer Concrete Ground Access Well	929.59	
26 05 26 00-0027	EA	13" x 24" x 18" Heavy-Duty Polymer Concrete Ground Access Well	1,022.17	
26 05 26 00-0028		**High-Density Polyethylene (HDPE) Ground Access Well** *(26 05 26 00-0013)*		
26 05 26 00-0029	EA	9" Diameter x 10" Deep High-Density Polyethylene (HDPE) Ground Access Well Note: With cover.	209.06	
26 05 26 00-0030	EA	14" Diameter x 18" Deep High-Density Polyethylene (HDPE) Ground Access Well Note: With cover.	291.64	
26 05 26 00-0031		**Clay Tile Ground Access Wells** *(26 05 26 00-0013)*		
26 05 26 00-0032	EA	8" Diameter x 24" Deep Clay Tile Ground Access Well With Concrete Cover	330.56	
26 05 26 00-0033	EA	8" Diameter x 24" Deep Clay Tile Ground Access Well With Cast Iron Grated Cover	347.74	
26 05 26 00-0034	EA	Concrete Cover For 8" Diameter x 24" Deep Clay Tile Ground Access Well	105.87	
26 05 26 00-0035		**Ground Rod Clamps And Fittings** *(26 05 26)*		
26 05 26 00-0036		**Bronze Ground Rod Clamp** *(26 05 26 00-0035)*		
26 05 26 00-0037	EA	1/2" Bronze Ground Rod Clamp	25.49	14.80
26 05 26 00-0038	EA	5/8" Bronze Ground Rod Clamp	26.53	14.80
26 05 26 00-0039	EA	3/4" Bronze Ground Rod Clamp	28.01	14.80
26 05 26 00-0040		**Bronze Pipe Clamps** *(26 05 26 00-0035)*		
26 05 26 00-0041	EA	1/2" To 1" Diameter, Bronze Pipe Ground Clamps	33.91	24.62
26 05 26 00-0042	EA	1-1/4" To 2" Diameter, Bronze Ground Clamps For Pipe	41.87	29.47
26 05 26 00-0043	EA	2-1/2" To 3" Diameter, Bronze Ground Clamps For Pipe	55.57	34.44
26 05 26 00-0044	EA	2-1/2" To 4" Diameter, Bronze Ground Clamps For Pipe	69.51	44.26
26 05 26 00-0045	EA	4" To 6" Diameter, Bronze Ground Clamps For Pipe	103.68	63.91
26 05 26 00-0046		**Grounding Fittings** *(26 05 26 00-0035)*		
26 05 26 00-0047		**Embedded Fittings** *(26 05 26 00-0046)*		
26 05 26 00-0048	EA	Ground Insert With Two 3/8 x 16 Holes #2 To 250 MCM Cable Range, Embedded	171.45	
26 05 26 00-0049	EA	Ground Insert With Four 3/8 x 16 Holes #2 To 250 MCM Cable Range, Embedded	180.88	
26 05 26 00-0050	EA	Ground Insert With Four 3/8 x 16 Holes 250 To 500 MCM Cable Range, Embedded	197.62	
26 05 26 00-0051	EA	#8 To 1 AWG, Copper To Aluminum, Grounding Wire Splice	171.90	
26 05 26 00-0052	EA	1/0 To 3/0 AWG, Copper To Aluminum, Grounding Wire Splice	206.00	
26 05 26 00-0053	EA	4/0 To 300 MCM, Copper To Aluminum, Grounding Wire Splice	241.48	
26 05 26 00-0054	EA	350 To 500 MCM, Copper To Aluminum, Grounding Wire Splice	271.76	
26 05 26 00-0055		**Ground Rod Receptacle** *(26 05 26 00-0046)*		
26 05 26 00-0056	EA	1/2" Ground Rod Receptacle	368.61	136.20
26 05 26 00-0057	EA	5/8" Ground Rod Receptacle	384.54	140.04
26 05 26 00-0058	EA	3/4" Ground Rod Receptacle	400.88	143.84
26 05 26 00-0059		**Ground Kits For Circuit Breaker Panels** *(26 05 26 00-0046)*		
26 05 26 00-0060	EA	14-8 AWG Copper Ground Kit	83.25	32.74
26 05 26 00-0061	EA	12-8 AWG Aluminum Ground Kit	74.12	32.74
26 05 26 00-0062	EA	14-4 AWG Copper Ground Kit	91.18	32.74
26 05 26 00-0063	EA	12-4 AWG Aluminum Ground Kit	80.17	32.74
26 05 26 00-0064		**Insulated Grounding Bars** *(26 05 26 00-0035)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0065	EA	1/2" x 4" x 10" Insulated Ground Bar	335.97	32.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.93*	
26 05 26 00-0066	EA	Insulated Ground Bar SK 9560 1/2" x 4" x 20"	351.29	32.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.93*	
26 05 26 00-0067		**Ground Conductor Bonding** *(26 05 26)*		
26 05 26 00-0068		**Ground Conductor Bonding** *(26 05 26 00-0067)*		
26 05 26 00-0069		**Splice, Lug, Ground Rod, Rebar Or Structural Steel Cadweld** *(26 05 26 00-0068)*		
26 05 26 00-0070	EA	Up To #6 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	151.95	
26 05 26 00-0071	EA	#4 To #1 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	165.04	
26 05 26 00-0072	EA	1/0 To 4/0 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	178.14	
26 05 26 00-0073	EA	250 To 1,000 MCM AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	256.71	
26 05 26 00-0074		**Tee, Wye Or Cross Cadweld** *(26 05 26 00-0068)*		
26 05 26 00-0075	EA	Up To #6 AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	171.60	
26 05 26 00-0076	EA	#4 To #1 AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	197.78	
26 05 26 00-0077	EA	1/0 To 4/0 AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	243.63	
26 05 26 00-0078	EA	250 To 1,000 MCM AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	296.00	
26 05 26 00-0079		**Grounding Equipment** *(26 05 26)*		
26 05 26 00-0080		**Special Grounding Equipment** *(26 05 26 00-0079)*		
26 05 26 00-0081		**Ground Reels And Ground Bus** *(26 05 26 00-0080)*		
26 05 26 00-0082	EA	Ground Reel With 50' Of Galvanized Steel Cable	743.30	
26 05 26 00-0083		**Copper Bars** *(26 05 26 00-0080)*		
26 05 26 00-0084	LF	1/4" x 2" Copper Bar	43.67	
26 05 26 00-0085		**Phenolic Insulators** *(26 05 26 00-0080)*		
26 05 26 00-0086	EA	2" x 2" x 1" Long Phenolic Insulators	33.30	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.86*	
26 05 26 00-0087		**Grounding Studs** *(26 05 26 00-0080)*		
26 05 26 00-0088	EA	Ball Grounding Stud	48.39	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.73*	
26 05 26 00-0089		**Equipment Ground Bar Kits** *(26 05 26 00-0080)*		
26 05 26 00-0090	EA	Switch Rating 30 Ground Bar Kit	36.85	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.86*	
26 05 26 00-0091	EA	Switch Rating 60 Ground Bar Kit	46.36	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.64*	
26 05 26 00-0092	EA	Switch Rating 100 Ground Bar Kit	53.90	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.82*	
26 05 26 00-0093	EA	Switch Rating 200 Ground Bar Kit	90.80	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.79*	
26 05 26 00-0094		**Panelboard Ground Bar Kits** *(26 05 26 00-0080)*		
26 05 26 00-0095	EA	Panelboard Ground Bar Kit	127.88	9.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.82*	
26 05 26 00-0096		**Circuit Breaker Ground Bar Kits** *(26 05 26 00-0080)*		
26 05 26 00-0097	EA	3 Circuit, Ground Bar Kit	30.30	5.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.89*	
26 05 26 00-0098	EA	4 Circuit, Ground Bar Kit	29.81	5.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.89*	
26 05 26 00-0099	EA	7 Circuit, Ground Bar Kit	30.63	5.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.89*	
26 05 26 00-0100	EA	12 Circuit, Ground Bar Kit	34.74	6.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	
26 05 26 00-0101	EA	20 Circuit, Ground Bar Kit	39.48	7.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0102	EA	24 Circuit, Ground Bar Kit	43.59	8.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.25*	
26 05 26 00-0103	EA	30 Circuit, Ground Bar Kit	48.82	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.43*	
26 05 26 00-0104	EA	54 Circuit, Ground Bar Kit	56.52	11.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.00*	
26 05 26 00-0105	EA	24 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug	60.15	8.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.25*	
26 05 26 00-0106	EA	30 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug	66.70	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.43*	
26 05 26 00-0107	EA	54 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug	74.56	11.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.00*	

26 05 29 Hangers and Supports for Electrical Systems *(26 05)*

26 05 29 00-0001 Supports *(26 05 29)*

26 05 29 00-0002 One Hole Steel Conduit Straps *(26 05 29 00-0001)*

26 05 29 00-0003	EA	1/2", One Hole Steel Conduit Strap	4.86
		For >100 To 250, Deduct	*-0.45*
		For >50 To 100, Deduct	*-0.23*
		For >250 To 500, Deduct	*-0.89*
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.15*
		For Work In Restricted Working Space, Add	*1.26*
		For >500, Deduct	*-1.32*
26 05 29 00-0004	EA	3/4", One Hole Steel Conduit Strap	4.93
		For >100 To 250, Deduct	*-0.46*
		For >50 To 100, Deduct	*-0.23*
		For >250 To 500, Deduct	*-0.89*
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.15*
		For Work In Restricted Working Space, Add	*1.26*
		For >500, Deduct	*-1.33*
26 05 29 00-0005	EA	1", One Hole Steel Conduit Strap	5.32
		For >100 To 250, Deduct	*-0.48*
		For >50 To 100, Deduct	*-0.24*
		For >250 To 500, Deduct	*-0.92*
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.15*
		For Work In Restricted Working Space, Add	*1.26*
		For >500, Deduct	*-1.37*
26 05 29 00-0006	EA	1-1/4", One Hole Steel Conduit Strap	5.61
		For >100 To 250, Deduct	*-0.49*
		For >50 To 100, Deduct	*-0.25*
		For >250 To 500, Deduct	*-0.94*
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.15*
		For Work In Restricted Working Space, Add	*1.26*
		For >500, Deduct	*-1.40*
26 05 29 00-0007	EA	1-1/2", One Hole Steel Conduit Strap	5.80
		For >100 To 250, Deduct	*-0.50*
		For >50 To 100, Deduct	*-0.25*
		For >250 To 500, Deduct	*-0.96*
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.15*
		For Work In Restricted Working Space, Add	*1.26*
		For >500, Deduct	*-1.42*
26 05 29 00-0008	EA	2", One Hole Steel Conduit Strap	6.98
		For >100 To 250, Deduct	*-0.56*
		For >50 To 100, Deduct	*-0.28*
		For >250 To 500, Deduct	*-1.05*
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.15*
		For Work In Restricted Working Space, Add	*1.26*
		For >500, Deduct	*-1.54*
26 05 29 00-0009	EA	2-1/2", One Hole Steel Conduit Strap	8.19
		For >100 To 250, Deduct	*-0.62*
		For >50 To 100, Deduct	*-0.31*
		For >250 To 500, Deduct	*-1.14*
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.15*
		For Work In Restricted Working Space, Add	*1.26*
		For >500, Deduct	*-1.66*
26 05 29 00-0010	EA	3", One Hole Steel Conduit Strap	8.59
		For >100 To 250, Deduct	*-0.64*
		For >50 To 100, Deduct	*-0.32*
		For >250 To 500, Deduct	*-1.17*
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.15*
		For Work In Restricted Working Space, Add	*1.26*
		For >500, Deduct	*-1.70*
26 05 29 00-0011	EA	3-1/2", One Hole Steel Conduit Strap	10.57
		For >100 To 250, Deduct	*-0.74*
		For >50 To 100, Deduct	*-0.37*
		For >250 To 500, Deduct	*-1.32*
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.15*
		For Work In Restricted Working Space, Add	*1.26*
		For >500, Deduct	*-1.90*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0012	EA	4", One Hole Steel Conduit Strap	12.15	
		For >100 To 250, Deduct	*-0.82*	
		For >50 To 100, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-1.44*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.15*	
		For Work In Restricted Working Space, Add	*1.26*	
		For >500, Deduct	*-2.05*	

26 05 29 00-0013 Two Hole Steel Conduit Straps *(26 05 29 00-0001)*

26 05 29 00-0014	EA	1/2", Two Hole Steel Conduit Strap	5.58	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.38*	
		For >100 To 250, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-1.01*	
		For Work In Restricted Working Space, Add	*1.41*	
		For >500, Deduct	*-1.50*	
26 05 29 00-0015	EA	3/4", Two Hole Steel Conduit Strap	5.71	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.38*	
		For >100 To 250, Deduct	*-0.52*	
		For >50 To 100, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-1.02*	
		For Work In Restricted Working Space, Add	*1.41*	
		For >500, Deduct	*-1.51*	
26 05 29 00-0016	EA	1", Two Hole Steel Conduit Strap	5.77	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.38*	
		For >100 To 250, Deduct	*-0.52*	
		For >50 To 100, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-1.02*	
		For Work In Restricted Working Space, Add	*1.41*	
		For >500, Deduct	*-1.52*	
26 05 29 00-0017	EA	1-1/4", Two Hole Steel Conduit Strap	5.87	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.38*	
		For >100 To 250, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-1.03*	
		For Work In Restricted Working Space, Add	*1.41*	
		For >500, Deduct	*-1.53*	
26 05 29 00-0018	EA	1-1/2", Two Hole Steel Conduit Strap	5.93	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.38*	
		For >100 To 250, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-1.03*	
		For Work In Restricted Working Space, Add	*1.41*	
		For >500, Deduct	*-1.54*	
26 05 29 00-0019	EA	2", Two Hole Steel Conduit Strap	6.10	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.38*	
		For >100 To 250, Deduct	*-0.54*	
		For >50 To 100, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-1.05*	
		For Work In Restricted Working Space, Add	*1.41*	
		For >500, Deduct	*-1.55*	
26 05 29 00-0020	EA	2-1/2", Two Hole Steel Conduit Strap	7.00	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.38*	
		For >100 To 250, Deduct	*-0.59*	
		For >50 To 100, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-1.11*	
		For Work In Restricted Working Space, Add	*1.41*	
		For >500, Deduct	*-1.64*	
26 05 29 00-0021	EA	3", Two Hole Steel Conduit Strap	7.19	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.38*	
		For >100 To 250, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-1.13*	
		For Work In Restricted Working Space, Add	*1.41*	
		For >500, Deduct	*-1.66*	
26 05 29 00-0022	EA	3-1/2", Two Hole Steel Conduit Strap	7.90	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.38*	
		For >100 To 250, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-1.18*	
		For Work In Restricted Working Space, Add	*1.41*	
		For >500, Deduct	*-1.73*	
26 05 29 00-0023	EA	4", Two Hole Steel Conduit Strap	8.38	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.38*	
		For >100 To 250, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-1.22*	
		For Work In Restricted Working Space, Add	*1.41*	
		For >500, Deduct	*-1.78*	

26 05 29 00-0024 Clamp Back Spacers *(26 05 29 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0025	EA	1/2" Conduit, Clamp Back Spacer	4.63	
		For >100 To 250, Deduct	*-0.40*	
		For >50 To 100, Deduct	*-0.20*	
		For >250 To 500, Deduct	*-0.76*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.92*	
		For Work In Restricted Working Space, Add	*0.98*	
		For >500, Deduct	*-1.12*	
26 05 29 00-0026	EA	3/4" Conduit, Clamp Back Spacer	5.11	
		For >100 To 250, Deduct	*-0.42*	
		For >50 To 100, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.79*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.92*	
		For Work In Restricted Working Space, Add	*0.98*	
		For >500, Deduct	*-1.17*	
26 05 29 00-0027	EA	1" Conduit, Clamp Back Spacer	5.55	
		For >100 To 250, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.83*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.92*	
		For Work In Restricted Working Space, Add	*0.98*	
		For >500, Deduct	*-1.21*	
26 05 29 00-0028	EA	1-1/4" Conduit, Clamp Back Spacer	7.27	
		For >100 To 250, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.96*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.92*	
		For Work In Restricted Working Space, Add	*0.98*	
		For >500, Deduct	*-1.38*	
26 05 29 00-0029	EA	1-1/2" Conduit, Clamp Back Spacer	8.66	
		For >100 To 250, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-1.06*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.92*	
		For Work In Restricted Working Space, Add	*0.98*	
		For >500, Deduct	*-1.52*	
26 05 29 00-0030	EA	2" Conduit, Clamp Back Spacer	10.11	
		For >100 To 250, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-1.17*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.92*	
		For Work In Restricted Working Space, Add	*0.98*	
		For >500, Deduct	*-1.67*	
26 05 29 00-0031	EA	2-1/2" Conduit, Clamp Back Spacer	16.03	
		For >100 To 250, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-1.61*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.92*	
		For Work In Restricted Working Space, Add	*0.98*	
		For >500, Deduct	*-2.26*	
26 05 29 00-0032	EA	3" Conduit, Clamp Back Spacer	23.09	
		For >100 To 250, Deduct	*-1.32*	
		For >50 To 100, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-2.14*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.92*	
		For Work In Restricted Working Space, Add	*0.98*	
		For >500, Deduct	*-2.97*	
26 05 29 00-0033	EA	3-1/2" Conduit, Clamp Back Spacer	29.95	
		For >100 To 250, Deduct	*-1.66*	
		For >50 To 100, Deduct	*-0.83*	
		For >250 To 500, Deduct	*-2.66*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.92*	
		For Work In Restricted Working Space, Add	*0.98*	
		For >500, Deduct	*-3.65*	
26 05 29 00-0034	EA	4" Conduit, Clamp Back Spacer	62.17	
		For >100 To 250, Deduct	*-3.27*	
		For >50 To 100, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-5.07*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.92*	
		For Work In Restricted Working Space, Add	*0.98*	
		For >500, Deduct	*-6.87*	

26 05 29 00-0035 Conduit Clips *(26 05 29 00-0001)*

Note: Push in or clip.

26 05 29 00-0036	EA	1/2" Conduit Clip	5.42	
		For >100 To 250, Deduct	*-0.48*	
		For >50 To 100, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.93*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.15*	
		For >500, Deduct	*-1.38*	
26 05 29 00-0037	EA	3/4" Conduit Clip	5.42	
		For >100 To 250, Deduct	*-0.48*	
		For >50 To 100, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.93*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.15*	
		For >500, Deduct	*-1.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0038	EA	1" Conduit Clip	5.32	
		For >100 To 250, Deduct	*-0.48*	
		For >50 To 100, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.92*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.15*	
		For >500, Deduct	*-1.37*	
26 05 29 00-0039	EA	1-1/4" Conduit Clip	5.56	
		For >100 To 250, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.94*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.15*	
		For >500, Deduct	*-1.39*	

26 05 29 00-0040 Bolt And Nut Conduit Clips *(26 05 29 00-0001)*

26 05 29 00-0041	EA	3/4" Bolt And Nut Conduit Clip (Minerallac 1B)	6.73	
		For >100 To 250, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-1.16*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.41*	
		For >500, Deduct	*-1.72*	
26 05 29 00-0042	EA	1" Bolt And Nut Conduit Clip (Minerallac 2B)	6.97	
		For >100 To 250, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-1.18*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.41*	
		For >500, Deduct	*-1.75*	
26 05 29 00-0043	EA	1-1/4" Bolt And Nut Conduit Clip (Minerallac 2-1/2B)	7.42	
		For >100 To 250, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-1.25*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.49*	
		For >500, Deduct	*-1.85*	
26 05 29 00-0044	EA	1-1/2" Bolt And Nut Conduit Clip (Minerallac 3B)	7.56	
		For >100 To 250, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-1.26*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.49*	
		For >500, Deduct	*-1.87*	
26 05 29 00-0045	EA	2" Bolt And Nut Conduit Clip (Minerallac 5B)	8.47	
		For >100 To 250, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-1.33*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.49*	
		For >500, Deduct	*-1.96*	
26 05 29 00-0046	EA	2-1/2" Bolt And Nut Conduit Clip (Minerallac 6B)	9.18	
		For >100 To 250, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-1.42*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.57*	
		For >500, Deduct	*-2.10*	
26 05 29 00-0047	EA	3" Bolt And Nut Conduit Clip (Minerallac 7B)	9.99	
		For >100 To 250, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-1.49*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.57*	
		For >500, Deduct	*-2.18*	
26 05 29 00-0048	EA	4" Bolt And Nut Conduit Clip (Minerallac 9B)	18.24	
		For >100 To 250, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-0.62*	
		For >250 To 500, Deduct	*-2.19*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.74*	
		For >500, Deduct	*-3.13*	

26 05 29 00-0049 Conduit Hanger From Flange, Wire Or Rod *(26 05 29 00-0001)*

Note: Bat wing.

26 05 29 00-0050	EA	1/2", Conduit Hanger From Flange, Wire Or Rod	3.92	
		For >100 To 250, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.69*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.89*	
		For >500, Deduct	*-1.02*	
26 05 29 00-0051	EA	3/4", Conduit Hanger From Flange, Wire Or Rod	3.98	
		For >100 To 250, Deduct	*-0.36*	
		For >50 To 100, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.69*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.89*	
		For >500, Deduct	*-1.03*	
26 05 29 00-0052	EA	1", Conduit Hanger From Flange, Wire Or Rod	4.17	
		For >100 To 250, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.71*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.89*	
		For >500, Deduct	*-1.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0053	EA	1-1/4", Conduit Hanger From Flange, Wire Or Rod	4.62	
		For >100 To 250, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-0.19*	
		For >250 To 500, Deduct	*-0.74*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.89*	
		For >500, Deduct	*-1.09*	

26 05 29 00-0054 Beam Flange Clamps *(26 05 29 00-0001)*

Note: For threaded rod, nut not required.

26 05 29 00-0055	EA	1/8" To 1/4" Flange Thickness, Beam Clamp (Caddy 6TA24)	5.83	
		For >100 To 250, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.85*	
		For >500, Deduct	*-1.24*	
26 05 29 00-0056	EA	5/16" To 1/2" Flange Thickness, Beam Clamp (Caddy 6TA58)	5.71	
		For >100 To 250, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.84*	
		For >500, Deduct	*-1.23*	
26 05 29 00-0057	EA	9/16" To 3/4" Flange Thickness, Beam Clamp (Caddy 6TA912)	6.42	
		For >100 To 250, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.89*	
		For >500, Deduct	*-1.30*	

26 05 29 00-0058 T-Bar Support Clips *(26 05 29 00-0001)*

26 05 29 00-0059	EA	9/16" Grid Size, Independent T-Bar Support Clip (Caddy IDS95)	9.63	
		For >100 To 250, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-2.27*	
26 05 29 00-0060	EA	15/16" Grid Size, Independent T-Bar Support Clip (Caddy IDS)	9.09	
		For >100 To 250, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-1.50*	
		For >500, Deduct	*-2.22*	
26 05 29 00-0061	EA	15/16 Grid Size, Twist On T-Bar Support Clip (Caddy 4G16)	3.53	
		For >100 To 250, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.13*	
		For >250 To 500, Deduct	*-0.47*	
		For >500, Deduct	*-0.68*	
26 05 29 00-0062	EA	24" Long Snap On T-Bar Electrical Box Hanger (Caddy 512)	29.90	
		For >100 To 250, Deduct	*-1.63*	
		For >50 To 100, Deduct	*-0.81*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.51*	

26 05 29 00-0063 Switch And Outlet Box Type Supports *(26 05 29 00-0001)*

26 05 29 00-0064	EA	1/4" To 3/4" Drywall Thickness, Adjustable Switch And Outlet Box Support (Caddy MFS)	7.28	
		For >100 To 250, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.87*	
		For >500, Deduct	*-1.25*	
26 05 29 00-0065	EA	1/2" Drywall Thickness, Riveted Switch And Outlet Box Support (Caddy MF500)	6.13	
		For >100 To 250, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.79*	
		For >500, Deduct	*-1.14*	
26 05 29 00-0066	EA	Flush, Riveted Switch And Outlet Box Support (Caddy MFO)	7.12	
		For >100 To 250, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.86*	
		For >500, Deduct	*-1.24*	
26 05 29 00-0067	EA	Snap On, Switch And Outlet Box Support (Caddy MSF)	4.49	
		For >100 To 250, Deduct	*-0.36*	
		For >50 To 100, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.66*	
		For >500, Deduct	*-0.97*	
26 05 29 00-0068	EA	1/4-20 Thread Impression, Switch And Outlet Box Support (Caddy MFI)	4.70	
		For >100 To 250, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.68*	
		For >500, Deduct	*-0.99*	

26 05 29 00-0069 Lighting Fixture Hanger *(26 05 29 00-0001)*

Note: For existing or owner furnished fixtures.

26 05 29 00-0070	EA	Lay-In/Troffer, Straight Lip Type Fixture Support Clip (Caddy 515)	6.36	
		For >100 To 250, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-1.13*	
		For >500, Deduct	*-1.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0071	PR	Support Bars For Recessed "High Hat" Light Fixtures (Caddy 517)	23.38	
		For >100 To 250, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-0.72*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-3.39*	
26 05 29 00-0072	PR	Support Bars For Recessed "Lightolier" Light Fixtures (Caddy 520)	32.33	
		For >100 To 250, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-0.94*	
		For >250 To 500, Deduct	*-3.08*	
		For >500, Deduct	*-4.28*	

26 05 29 00-0073 Rigid Steel Conduit Clamps For Unistrut Channel *(26 05 29 00-0001)*

26 05 29 00-0074	EA	1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	6.12	
		For >100 To 250, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.95*	
		For Work In Restricted Working Space, Add	*1.18*	
		For >500, Deduct	*-1.40*	
26 05 29 00-0075	EA	3/4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	6.15	
		For >100 To 250, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.95*	
		For Work In Restricted Working Space, Add	*1.18*	
		For >500, Deduct	*-1.40*	
26 05 29 00-0076	EA	1" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	6.33	
		For >100 To 250, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.97*	
		For Work In Restricted Working Space, Add	*1.18*	
		For >500, Deduct	*-1.42*	
26 05 29 00-0077	EA	1-1/4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	7.88	
		For >100 To 250, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-1.25*	
		For Work In Restricted Working Space, Add	*1.57*	
		For >500, Deduct	*-1.84*	
26 05 29 00-0078	EA	1-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	8.77	
		For >100 To 250, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-1.31*	
		For Work In Restricted Working Space, Add	*1.57*	
		For >500, Deduct	*-1.93*	
26 05 29 00-0079	EA	2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	8.86	
		For >100 To 250, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-1.32*	
		For Work In Restricted Working Space, Add	*1.57*	
		For >500, Deduct	*-1.93*	
26 05 29 00-0080	EA	2-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	10.80	
		For >100 To 250, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-1.63*	
		For Work In Restricted Working Space, Add	*1.96*	
		For >500, Deduct	*-2.39*	
26 05 29 00-0081	EA	3" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	11.59	
		For >100 To 250, Deduct	*-0.91*	
		For >50 To 100, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-1.69*	
		For Work In Restricted Working Space, Add	*1.96*	
		For >500, Deduct	*-2.47*	
26 05 29 00-0082	EA	3-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	12.35	
		For >100 To 250, Deduct	*-0.94*	
		For >50 To 100, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-1.74*	
		For Work In Restricted Working Space, Add	*1.96*	
		For >500, Deduct	*-2.54*	
26 05 29 00-0083	EA	4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	12.63	
		For >100 To 250, Deduct	*-0.96*	
		For >50 To 100, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-1.76*	
		For Work In Restricted Working Space, Add	*1.96*	
		For >500, Deduct	*-2.57*	

26 05 29 00-0084 Electrical Metallic Tubing (EMT) Conduit Clamps For Unistrut Channel *(26 05 29 00-0001)*

26 05 29 00-0085	EA	1/2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	6.70	
		For >100 To 250, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-0.99*	
		For Work In Restricted Working Space, Add	*1.18*	
		For >500, Deduct	*-1.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0086	EA	3/4" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	6.63	
		For >100 To 250, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.99*	
		For Work In Restricted Working Space, Add	*1.18*	
		For >500, Deduct	*-1.45*	
26 05 29 00-0087	EA	1" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	6.54	
		For >100 To 250, Deduct	*-0.52*	
		For >50 To 100, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.98*	
		For Work In Restricted Working Space, Add	*1.18*	
		For >500, Deduct	*-1.44*	
26 05 29 00-0088	EA	1-1/4" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	8.59	
		For >100 To 250, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-1.30*	
		For Work In Restricted Working Space, Add	*1.57*	
		For >500, Deduct	*-1.91*	
26 05 29 00-0089	EA	1-1/2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	10.14	
		For >100 To 250, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-1.42*	
		For Work In Restricted Working Space, Add	*1.57*	
		For >500, Deduct	*-2.06*	
26 05 29 00-0090	EA	2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	10.23	
		For >100 To 250, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-1.42*	
		For Work In Restricted Working Space, Add	*1.57*	
		For >500, Deduct	*-2.07*	

26 05 29 00-0091 "J" Type Conduit Hangers *(26 05 29 00-0001)*

26 05 29 00-0092	EA	1/2", "J" Type Conduit Hanger (Unistrut J1205)	27.95	
		For >100 To 250, Deduct	*-1.86*	
		For >50 To 100, Deduct	*-0.93*	
		For >250 To 500, Deduct	*-3.24*	
		For Work In Restricted Working Space, Add	*2.75*	
		For >500, Deduct	*-4.63*	
26 05 29 00-0093	EA	3/4", "J" Type Conduit Hanger (Unistrut J1207)	28.27	
		For >100 To 250, Deduct	*-1.87*	
		For >50 To 100, Deduct	*-0.94*	
		For >250 To 500, Deduct	*-3.27*	
		For Work In Restricted Working Space, Add	*2.75*	
		For >500, Deduct	*-4.66*	
26 05 29 00-0094	EA	1", "J" Type Conduit Hanger (Unistrut J1210)	29.89	
		For >100 To 250, Deduct	*-2.02*	
		For >50 To 100, Deduct	*-1.01*	
		For >250 To 500, Deduct	*-3.55*	
		For Work In Restricted Working Space, Add	*3.14*	
		For >500, Deduct	*-5.09*	
26 05 29 00-0095	EA	1-1/4", "J" Type Conduit Hanger (Unistrut J1212)	30.24	
		For >100 To 250, Deduct	*-2.04*	
		For >50 To 100, Deduct	*-1.02*	
		For >250 To 500, Deduct	*-3.58*	
		For Work In Restricted Working Space, Add	*3.14*	
		For >500, Deduct	*-5.12*	
26 05 29 00-0096	EA	1-1/2", "J" Type Conduit Hanger (Unistrut J1215)	31.77	
		For >100 To 250, Deduct	*-2.18*	
		For >50 To 100, Deduct	*-1.09*	
		For >250 To 500, Deduct	*-3.86*	
		For Work In Restricted Working Space, Add	*3.53*	
		For >500, Deduct	*-5.53*	
26 05 29 00-0097	EA	2", "J" Type Conduit Hanger (Unistrut J1220)	33.11	
		For >100 To 250, Deduct	*-2.24*	
		For >50 To 100, Deduct	*-1.12*	
		For >250 To 500, Deduct	*-3.96*	
		For Work In Restricted Working Space, Add	*3.53*	
		For >500, Deduct	*-5.67*	
26 05 29 00-0098	EA	2-1/2", "J" Type Conduit Hanger (Unistrut J1225)	53.49	
		For >100 To 250, Deduct	*-3.33*	
		For >50 To 100, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-5.65*	
		For Work In Restricted Working Space, Add	*3.93*	
		For >500, Deduct	*-7.97*	
26 05 29 00-0099	EA	3", "J" Type Conduit Hanger (Unistrut J1230)	56.81	
		For >100 To 250, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-6.06*	
		For Work In Restricted Working Space, Add	*4.32*	
		For >500, Deduct	*-8.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0100	EA	3-1/2", "J" Type Conduit Hanger (Unistrut J1235)	61.13	
		For >100 To 250, Deduct	*-3.84*	
		For >50 To 100, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-6.55*	
		For Work In Restricted Working Space, Add	*4.71*	
		For >500, Deduct	*-9.26*	
26 05 29 00-0101	EA	4", "J" Type Conduit Hanger (Unistrut J1240)	81.80	
		For >100 To 250, Deduct	*-4.88*	
		For >50 To 100, Deduct	*-2.44*	
		For >250 To 500, Deduct	*-8.10*	
		For Work In Restricted Working Space, Add	*4.71*	
		For >500, Deduct	*-11.32*	
26 05 29 00-0102	EA	5", "J" Type Conduit Hanger (Unistrut J1250)	89.90	
		For >100 To 250, Deduct	*-5.35*	
		For >50 To 100, Deduct	*-2.67*	
		For >250 To 500, Deduct	*-8.87*	
		For Work In Restricted Working Space, Add	*5.11*	
		For >500, Deduct	*-12.39*	
26 05 29 00-0103	EA	6", "J" Type Conduit Hanger (Unistrut J1260)	127.17	
		For >100 To 250, Deduct	*-7.34*	
		For >50 To 100, Deduct	*-3.67*	
		For >250 To 500, Deduct	*-11.99*	
		For Work In Restricted Working Space, Add	*5.89*	
		For >500, Deduct	*-16.65*	

26 05 29 00-0104 Between Studs Box Brackets *(26 05 29 00-0001)*

26 05 29 00-0105	EA	16" Stud Spacing, 1-1/2" Or 2-1/8" Box Depth, Screw Gun Between Studs Box Bracket (Caddy SGB16A)	10.02	
		For >100 To 250, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-1.24*	
		For Work In Restricted Working Space, Add	*1.18*	
		For >500, Deduct	*-1.79*	
26 05 29 00-0106	EA	24" Stud Spacing, 1-1/2" Or 2-1/8" Box Depth, Screw Gun Between Studs Box Bracket (Caddy SGB24A)	12.12	
		For >100 To 250, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-1.40*	
		For Work In Restricted Working Space, Add	*1.18*	
		For >500, Deduct	*-2.00*	

26 05 29 00-0107 Hangers And Brackets *(26 05 29 00-0001)*

26 05 29 00-0108	EA	Rod Hangers Only With 1/4" Thread Impression (Caddy 4TI)	3.42	
		For >100 To 250, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-0.15*	
		For >250 To 500, Deduct	*-0.58*	
		For >500, Deduct	*-0.87*	
26 05 29 00-0109	EA	Angle Bracket Only With 1/4" Hole (Caddy AB)	3.30	
		For >100 To 250, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-0.15*	
		For >250 To 500, Deduct	*-0.58*	
		For >500, Deduct	*-0.85*	
26 05 29 00-0110	EA	Offset Bracket Only With 1/4" Hole (Caddy AO)	3.30	
		For >100 To 250, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-0.15*	
		For >250 To 500, Deduct	*-0.58*	
		For >500, Deduct	*-0.85*	
26 05 29 00-0111	EA	Angle Bracket Mount, 1/4" Threaded Rod Hanger With Thread Impression (Caddy 4TIB)	4.56	
		For >100 To 250, Deduct	*-0.36*	
		For >50 To 100, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.67*	
		For >500, Deduct	*-0.98*	
26 05 29 00-0112	EA	Angle Bracket Mount, 3/8" Threaded Rod Hanger With Thread Impression (Caddy 6TIB)	4.59	
		For >100 To 250, Deduct	*-0.36*	
		For >50 To 100, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.67*	
		For >500, Deduct	*-0.98*	
26 05 29 00-0113	EA	Angle Bracket Mount, 1/4" Or 3/8" Threaded Rod Hanger With Nut (Caddy 6TB)	4.45	
		For >100 To 250, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.66*	
		For >500, Deduct	*-0.97*	
26 05 29 00-0114	EA	Offset Bracket Mount, 1/4" Threaded Rod Hanger With Thread Impression (Caddy 4TIO)	4.56	
		For >100 To 250, Deduct	*-0.36*	
		For >50 To 100, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.67*	
		For >500, Deduct	*-0.98*	
26 05 29 00-0115	EA	Offset Bracket Mount, 3/8" Threaded Rod Hanger With Thread Impression (Caddy 6TIO)	4.59	
		For >100 To 250, Deduct	*-0.36*	
		For >50 To 100, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.67*	
		For >500, Deduct	*-0.98*	

26 05 29 00-0116 Clips And Accessories *(26 05 29 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0117	EA	1/2" Diameter Center, Bridle Ring (Caddy 2BR)	2.33	
		For >100 To 250, Deduct	*-0.20*	
		For >50 To 100, Deduct	*-0.10*	
		For >250 To 500, Deduct	*-0.38*	
		For >500, Deduct	*-0.56*	
26 05 29 00-0118	EA	3/4" Diameter Center, Bridle Ring (Caddy 2BR12)	2.38	
		For >100 To 250, Deduct	*-0.20*	
		For >50 To 100, Deduct	*-0.10*	
		For >250 To 500, Deduct	*-0.38*	
		For >500, Deduct	*-0.56*	
26 05 29 00-0119	EA	1-1/4" Diameter Center, Bridle Ring (Caddy 2BR20)	2.57	
		For >100 To 250, Deduct	*-0.21*	
		For >50 To 100, Deduct	*-0.11*	
		For >250 To 500, Deduct	*-0.40*	
		For >500, Deduct	*-0.58*	
26 05 29 00-0120	EA	2" Diameter Center, Bridle Ring (Caddy 2BR32)	2.96	
		For >100 To 250, Deduct	*-0.23*	
		For >50 To 100, Deduct	*-0.11*	
		For >250 To 500, Deduct	*-0.43*	
		For >500, Deduct	*-0.62*	

26 05 29 00-0121 Wire Ties *(26 05 29 00-0001)*

Note: Per hundred (C).

26 05 29 00-0122	C	3" Length, 18 Lb. Tensile Strength, Nylon Cable Ties	33.37	
		For Up To 0.1, Add	*27.33*	
		For >0.1 To 0.25, Add	*13.67*	
		For >0.25 To 0.75, Add	*6.83*	
		For >2.0, Deduct	*-2.73*	
		For UV Black, Add	*0.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.20*	
26 05 29 00-0123	C	4" Length, 18 Lb. Tensile Strength, Nylon Cable Ties	33.60	
		For Up To 0.1, Add	*27.33*	
		For >0.1 To 0.25, Add	*13.67*	
		For >0.25 To 0.75, Add	*6.83*	
		For >2.0, Deduct	*-2.73*	
		For UV Black, Add	*0.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.20*	
26 05 29 00-0124	C	4-3/4" Length, 18 Lb. Tensile Strength, Nylon Cable Ties	33.77	
		For Up To 0.1, Add	*27.33*	
		For >0.1 To 0.25, Add	*13.67*	
		For >0.25 To 0.75, Add	*6.83*	
		For >2.0, Deduct	*-2.73*	
		For UV Black, Add	*0.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.20*	
26 05 29 00-0125	C	5-1/2" Length, 18 Lb. Tensile Strength, Nylon Cable Ties	33.84	
		For Up To 0.1, Add	*27.33*	
		For >0.1 To 0.25, Add	*13.67*	
		For >0.25 To 0.75, Add	*6.83*	
		For >2.0, Deduct	*-2.73*	
		For UV Black, Add	*0.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.20*	
26 05 29 00-0126	C	6-1/2" Length, 18 Lb. Tensile Strength, Nylon Cable Ties	35.09	
		For Up To 0.1, Add	*28.51*	
		For >0.1 To 0.25, Add	*14.26*	
		For >0.25 To 0.75, Add	*7.13*	
		For >2.0, Deduct	*-2.85*	
		For UV Black, Add	*0.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.55*	
26 05 29 00-0127	C	8" Length, 18 Lb. Tensile Strength, Nylon Cable Ties	41.49	
		For Up To 0.1, Add	*29.81*	
		For >0.1 To 0.25, Add	*14.91*	
		For >0.25 To 0.75, Add	*7.45*	
		For >2.0, Deduct	*-2.98*	
		For UV Black, Add	*1.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.94*	
26 05 29 00-0128	C	4-3/4" Length, 40 Lb. Tensile Strength, Nylon Cable Ties	39.86	
		For Up To 0.1, Add	*27.33*	
		For >0.1 To 0.25, Add	*13.67*	
		For >0.25 To 0.75, Add	*6.83*	
		For >2.0, Deduct	*-2.73*	
		For UV Black, Add	*1.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.20*	
26 05 29 00-0129	C	6" Length, 40 Lb. Tensile Strength, Nylon Cable Ties	41.13	
		For Up To 0.1, Add	*28.51*	
		For >0.1 To 0.25, Add	*14.26*	
		For >0.25 To 0.75, Add	*7.13*	
		For >2.0, Deduct	*-2.85*	
		For UV Black, Add	*1.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.55*	
26 05 29 00-0130	C	8" Length, 40 Lb. Tensile Strength, Nylon Cable Ties	42.50	
		For Up To 0.1, Add	*29.81*	
		For >0.1 To 0.25, Add	*14.91*	
		For >0.25 To 0.75, Add	*7.45*	
		For >2.0, Deduct	*-2.98*	
		For UV Black, Add	*1.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0131	C	10" Length, 40 Lb. Tensile Strength, Nylon Cable Ties	61.40	
		For Up To 0.1, Add	*32.14*	
		For >0.1 To 0.25, Add	*16.07*	
		For >0.25 To 0.75, Add	*8.04*	
		For >2.0, Deduct	*-3.21*	
		For UV Black, Add	*4.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.64*	
26 05 29 00-0132	C	11-1/2" Length, 40 Lb. Tensile Strength, Nylon Cable Ties	64.05	
		For Up To 0.1, Add	*32.14*	
		For >0.1 To 0.25, Add	*16.07*	
		For >0.25 To 0.75, Add	*8.04*	
		For >2.0, Deduct	*-3.21*	
		For UV Black, Add	*4.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.64*	
26 05 29 00-0133	C	7" Length, 50 Lb. Tensile Strength, Nylon Cable Ties	44.35	
		For Up To 0.1, Add	*29.81*	
		For >0.1 To 0.25, Add	*14.91*	
		For >0.25 To 0.75, Add	*7.45*	
		For >2.0, Deduct	*-2.98*	
		For UV Black, Add	*2.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.94*	
26 05 29 00-0134	C	8" Length, 50 Lb. Tensile Strength, Nylon Cable Ties	42.01	
		For Up To 0.1, Add	*29.81*	
		For >0.1 To 0.25, Add	*14.91*	
		For >0.25 To 0.75, Add	*7.45*	
		For >2.0, Deduct	*-2.98*	
		For UV Black, Add	*1.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.94*	
26 05 29 00-0135	C	11" Length, 50 Lb. Tensile Strength, Nylon Cable Ties	62.13	
		For Up To 0.1, Add	*32.14*	
		For >0.1 To 0.25, Add	*16.07*	
		For >0.25 To 0.75, Add	*8.04*	
		For >2.0, Deduct	*-3.21*	
		For UV Black, Add	*4.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.64*	
26 05 29 00-0136	C	14-1/2" Length, 50 Lb. Tensile Strength, Nylon Cable Ties	71.02	
		For Up To 0.1, Add	*34.15*	
		For >0.1 To 0.25, Add	*17.08*	
		For >0.25 To 0.75, Add	*8.54*	
		For >2.0, Deduct	*-3.42*	
		For UV Black, Add	*5.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.25*	
26 05 29 00-0137	C	8" Length, 120 Lb. Tensile Strength, Nylon Cable Ties	69.38	
		For Up To 0.1, Add	*29.81*	
		For >0.1 To 0.25, Add	*14.91*	
		For >0.25 To 0.75, Add	*7.45*	
		For >2.0, Deduct	*-2.98*	
		For UV Black, Add	*5.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.94*	
26 05 29 00-0138	C	11" Length, 120 Lb. Tensile Strength, Nylon Cable Ties	75.94	
		For Up To 0.1, Add	*32.14*	
		For >0.1 To 0.25, Add	*16.07*	
		For >0.25 To 0.75, Add	*8.04*	
		For >2.0, Deduct	*-3.21*	
		For UV Black, Add	*6.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.64*	
26 05 29 00-0139	C	15" Length, 120 Lb. Tensile Strength, Nylon Cable Ties	91.77	
		For Up To 0.1, Add	*34.15*	
		For >0.1 To 0.25, Add	*17.08*	
		For >0.25 To 0.75, Add	*8.54*	
		For >2.0, Deduct	*-3.42*	
		For UV Black, Add	*8.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.25*	
26 05 29 00-0140	C	17" Length, 120 Lb. Tensile Strength, Nylon Cable Ties	130.83	
		For Up To 0.1, Add	*36.43*	
		For >0.1 To 0.25, Add	*18.22*	
		For >0.25 To 0.75, Add	*9.11*	
		For >2.0, Deduct	*-3.64*	
		For UV Black, Add	*14.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
26 05 29 00-0141	C	17-3/4" Length, 175 Lb. Tensile Strength, Nylon Cable Ties	126.80	
		For Up To 0.1, Add	*36.43*	
		For >0.1 To 0.25, Add	*18.22*	
		For >0.25 To 0.75, Add	*9.11*	
		For >2.0, Deduct	*-3.64*	
		For UV Black, Add	*13.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
26 05 29 00-0142	C	21-11/16" Length, 175 Lb. Tensile Strength, Nylon Cable Ties	154.25	
		For Up To 0.1, Add	*38.13*	
		For >0.1 To 0.25, Add	*19.07*	
		For >0.25 To 0.75, Add	*9.53*	
		For >2.0, Deduct	*-3.81*	
		For UV Black, Add	*17.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0143	C	30" Length, 175 Lb. Tensile Strength, Nylon Cable Ties	178.40	
		For Up To 0.1, Add	*39.99*	
		For >0.1 To 0.25, Add	*20.00*	
		For >0.25 To 0.75, Add	*10.00*	
		For >2.0, Deduct	*-4.00*	
		For UV Black, Add	*20.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.00*	
26 05 29 00-0144	C	46" Length, 175 Lb. Tensile Strength, Nylon Cable Ties	244.25	
		For Up To 0.1, Add	*43.14*	
		For >0.1 To 0.25, Add	*21.57*	
		For >0.25 To 0.75, Add	*10.79*	
		For >2.0, Deduct	*-4.31*	
		For UV Black, Add	*30.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.94*	
26 05 29 00-0145	C	3/4" x 3/4" Self Adhesive Tie Mounts	43.94	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.30*	
26 05 29 00-0146	C	1.1" x 1.1" Tie Mounts With Screw	87.12	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.59*	
26 05 29 00-0147	EA	6" Length x 1/2" Width, Velcro Grip Cable Tie	2.55	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.20*	
26 05 29 00-0148	EA	8" Length x 1/2" Width, Velcro Grip Cable Tie	2.55	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.16*	
26 05 29 00-0149	EA	12" Length x 1/2" Width, Velcro Grip Cable Tie	3.14	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.16*	
26 05 29 00-0150	EA	15" Length x 3/4" Width, Velcro Grip Cable Tie	4.40	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.16*	
26 05 29 00-0151	EA	180" Length x 3/4" Width, Velcro Grip Cable Tie Roll Note: Cut to length.	113.07	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.23*	

26 05 29 00-0152 Fastening Devices For Wireway And Conduit *(26 05 29)*

Note: Includes drilling of holes with power tools in concrete, brick, concrete block, wood, tile or steel and alignment of hangers and supports for bolts.

26 05 29 00-0153 Toggle Bolts *(26 05 29 00-0152)*

Note: Includes machine screw, toggle wing and drilling in concrete, concrete block, wood or steel.

26 05 29 00-0154	EA	1/8" Diameter, 3" Length, Zinc Plated Steel, Toggle Bolt	10.21	
		For >50 To 100, Deduct	*-0.97*	
		For >500, Deduct	*-4.85*	
		For >250 To 500, Deduct	*-3.40*	
		For >100 To 250, Deduct	*-1.95*	
26 05 29 00-0155	EA	1/8" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	10.48	
		For >50 To 100, Deduct	*-1.00*	
		For >500, Deduct	*-4.97*	
		For >250 To 500, Deduct	*-3.48*	
		For >100 To 250, Deduct	*-2.00*	
26 05 29 00-0156	EA	3/16" Diameter, 3" Length, Zinc Plated Steel, Toggle Bolt	11.07	
		For >50 To 100, Deduct	*-1.03*	
		For >500, Deduct	*-5.13*	
		For >250 To 500, Deduct	*-3.59*	
		For >100 To 250, Deduct	*-2.06*	
26 05 29 00-0157	EA	3/16" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	11.35	
		For >50 To 100, Deduct	*-1.06*	
		For >500, Deduct	*-5.25*	
		For >250 To 500, Deduct	*-3.68*	
		For >100 To 250, Deduct	*-2.11*	
26 05 29 00-0158	EA	1/4" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	11.60	
		For >50 To 100, Deduct	*-1.08*	
		For >500, Deduct	*-5.37*	
		For >250 To 500, Deduct	*-3.76*	
		For >100 To 250, Deduct	*-2.16*	
26 05 29 00-0159	EA	5/16" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	13.21	
		For >50 To 100, Deduct	*-1.14*	
		For >500, Deduct	*-5.63*	
		For >250 To 500, Deduct	*-3.95*	
		For >100 To 250, Deduct	*-2.28*	
26 05 29 00-0160	EA	3/8" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	13.76	
		For >50 To 100, Deduct	*-1.17*	
		For >500, Deduct	*-5.78*	
		For >250 To 500, Deduct	*-4.06*	
		For >100 To 250, Deduct	*-2.34*	

26 05 29 00-0161 Machine Screws *(26 05 29 00-0152)*

Note: Includes drilling in concrete, concrete block, wood or steel.

26 05 29 00-0162	EA	#8 Diameter, 2" Length, Zinc Plated Steel, Machine Screw	3.02	
		For >50 To 100, Deduct	*-0.29*	
		For >500, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.03*	
		For >100 To 250, Deduct	*-0.59*	
26 05 29 00-0163	EA	#10 Diameter, 2" Length, Zinc Plated Steel, Machine Screw	3.07	
		For >50 To 100, Deduct	*-0.30*	
		For >500, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.03*	
		For >100 To 250, Deduct	*-0.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0164	EA	1/4" Diameter, 2" Length, Zinc Plated Steel, Machine Screw	3.85	
		For >50 To 100, Deduct	*-0.37*	
		For >500, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-1.29*	
		For >100 To 250, Deduct	*-0.74*	
26 05 29 00-0165	EA	5/16" Diameter, 2" Length, Zinc Plated Steel, Machine Screw	4.03	
		For >50 To 100, Deduct	*-0.37*	
		For >500, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-1.31*	
		For >100 To 250, Deduct	*-0.75*	
26 05 29 00-0166	EA	3/8" Diameter, 2" Length, Zinc Plated Steel, Machine Screw	4.98	
		For >50 To 100, Deduct	*-0.45*	
		For >500, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-1.57*	
		For >100 To 250, Deduct	*-0.90*	

26 05 29 00-0167 Hex Lag Bolts With Lag Shield Expansion Anchors *(26 05 29 00-0152)*

Note: Includes lag bolt, lag shield expansion anchor and drilling in concrete, concrete block, wood or steel.

26 05 29 00-0168	EA	1/4" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	4.98	
		For >50 To 100, Deduct	*-0.40*	
		For >500, Deduct	*-1.96*	
		For >250 To 500, Deduct	*-1.38*	
		For >100 To 250, Deduct	*-0.80*	
26 05 29 00-0169	EA	5/16" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	4.92	
		For >50 To 100, Deduct	*-0.40*	
		For >500, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-1.37*	
		For >100 To 250, Deduct	*-0.79*	
26 05 29 00-0170	EA	3/8" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	7.01	
		For >50 To 100, Deduct	*-0.50*	
		For >500, Deduct	*-2.45*	
		For >250 To 500, Deduct	*-1.72*	
		For >100 To 250, Deduct	*-1.00*	
26 05 29 00-0171	EA	1/2" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	8.97	
		For >50 To 100, Deduct	*-0.60*	
		For >500, Deduct	*-2.93*	
		For >250 To 500, Deduct	*-2.07*	
		For >100 To 250, Deduct	*-1.21*	

26 05 29 00-0172 Hanger Lag Bolts With Hex Nuts *(26 05 29 00-0152)*

Note: Includes hanger lag bolt (threaded one side), hex nut and drilling in concrete, concrete block, wood or steel.

26 05 29 00-0173	EA	1/4" Diameter, 2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut	3.72	
		For >50 To 100, Deduct	*-0.31*	
		For >500, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.08*	
		For >100 To 250, Deduct	*-0.62*	
26 05 29 00-0174	EA	5/16" Diameter, 2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut	3.78	
		For >50 To 100, Deduct	*-0.31*	
		For >500, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.08*	
		For >100 To 250, Deduct	*-0.63*	
26 05 29 00-0175	EA	3/8" Diameter, 2-1/2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut	4.48	
		For >50 To 100, Deduct	*-0.36*	
		For >500, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-1.23*	
		For >100 To 250, Deduct	*-0.71*	

26 05 29 00-0176 Hollow Wall Screw Anchors *(26 05 29 00-0152)*

26 05 29 00-0177	EA	6-32 Screw Size, 5/16" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.18	
		For >50 To 100, Deduct	*-0.19*	
		For >500, Deduct	*-0.91*	
		For >250 To 500, Deduct	*-0.64*	
		For >100 To 250, Deduct	*-0.37*	
26 05 29 00-0178	EA	6-32 Screw Size, 5/16" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.25	
		For >50 To 100, Deduct	*-0.19*	
		For >500, Deduct	*-0.92*	
		For >250 To 500, Deduct	*-0.65*	
		For >100 To 250, Deduct	*-0.37*	
26 05 29 00-0179	EA	6-32 Screw Size, 5/16" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.36	
		For >50 To 100, Deduct	*-0.19*	
		For >500, Deduct	*-0.93*	
		For >250 To 500, Deduct	*-0.66*	
		For >100 To 250, Deduct	*-0.38*	
26 05 29 00-0180	EA	10-24 Screw Size, 3/8" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	3.01	
		For >50 To 100, Deduct	*-0.23*	
		For >500, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-0.78*	
		For >100 To 250, Deduct	*-0.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0181	EA	10-24 Screw Size, 3/8" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	3.16	
		For >50 To 100, Deduct	*-0.23*	
		For >500, Deduct	*-1.13*	
		For >250 To 500, Deduct	*-0.80*	
		For >100 To 250, Deduct	*-0.46*	
26 05 29 00-0182	EA	10-24 Screw Size, 3/8" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	3.21	
		For >50 To 100, Deduct	*-0.23*	
		For >500, Deduct	*-1.13*	
		For >250 To 500, Deduct	*-0.80*	
		For >100 To 250, Deduct	*-0.47*	
26 05 29 00-0183	EA	1/4-20 Screw Size, 7/16" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	3.24	
		For >50 To 100, Deduct	*-0.23*	
		For >500, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-0.80*	
		For >100 To 250, Deduct	*-0.47*	
26 05 29 00-0184	EA	1/4-20 Screw Size, 7/16" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	3.46	
		For >50 To 100, Deduct	*-0.24*	
		For >500, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-0.82*	
		For >100 To 250, Deduct	*-0.48*	
26 05 29 00-0185	EA	1/4-20 Screw Size, 7/16" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	3.54	
		For >50 To 100, Deduct	*-0.24*	
		For >500, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-0.82*	
		For >100 To 250, Deduct	*-0.48*	

26 05 29 00-0186 Lead Screw Anchors *(26 05 29 00-0152)*

Note: Includes screw.

26 05 29 00-0187	EA	#6-8 Screw Size, 1/4" Hole Diameter, Lead Screw Anchor With Screw	5.04	
		For >50 To 100, Deduct	*-0.46*	
		For >500, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-1.60*	
		For >100 To 250, Deduct	*-0.92*	
26 05 29 00-0188	EA	#10-14 Screw Size, 5/16" Hole Diameter, Lead Screw Anchor With Screw	6.01	
		For >50 To 100, Deduct	*-0.54*	
		For >500, Deduct	*-2.67*	
		For >250 To 500, Deduct	*-1.87*	
		For >100 To 250, Deduct	*-1.07*	
26 05 29 00-0189	EA	#16-18 Screw Size, 5/16" Hole Diameter, Lead Screw Anchor With Screw	8.15	
		For >50 To 100, Deduct	*-0.70*	
		For >500, Deduct	*-3.44*	
		For >250 To 500, Deduct	*-2.42*	
		For >100 To 250, Deduct	*-1.39*	

26 05 29 00-0190 Nailing Anchor Hilti HPS Impact Anchor Or Equal *(26 05 29 00-0152)*

26 05 29 00-0191	EA	1/4" x 1" Nail-In Drilling In Concrete, Concrete Block, Wood Or Steel	1.84	
		For >50 To 100, Deduct	*-0.14*	
		For >500, Deduct	*-0.67*	
		For >250 To 500, Deduct	*-0.47*	
		For >100 To 250, Deduct	*-0.27*	
26 05 29 00-0192	EA	1/4" x 1-3/4" Nail-In Drilling In Concrete, Concrete Block, Wood Or Steel	3.16	
		For >50 To 100, Deduct	*-0.26*	
		For >500, Deduct	*-1.28*	
		For >250 To 500, Deduct	*-0.90*	
		For >100 To 250, Deduct	*-0.52*	
26 05 29 00-0193	EA	1/4" x 2-1/8" Nail-In Drilling In Concrete, Concrete Block, Wood Or Steel	4.48	
		For >50 To 100, Deduct	*-0.38*	
		For >500, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-1.33*	
		For >100 To 250, Deduct	*-0.77*	

26 05 29 00-0194 Acoustical T-Bar Clips *(26 05 29 00-0152)*

Note: For conduit installation above suspended ceilings up to 15' height.

26 05 29 00-0195	EA	1/2" Conduit, Push-In Acoustical T-Bar Clip	8.98	
		For >50 To 100, Deduct	*-0.64*	
		For >500, Deduct	*-3.13*	
		For >250 To 500, Deduct	*-2.21*	
		For >100 To 250, Deduct	*-1.28*	
26 05 29 00-0196	EA	3/4" Conduit, Push-In Acoustical T-Bar Clip	9.42	
		For >50 To 100, Deduct	*-0.68*	
		For >500, Deduct	*-3.29*	
		For >250 To 500, Deduct	*-2.32*	
		For >100 To 250, Deduct	*-1.35*	
26 05 29 00-0197	EA	1" Conduit, Push-In Acoustical T-Bar Clip	10.31	
		For >50 To 100, Deduct	*-0.72*	
		For >500, Deduct	*-3.51*	
		For >250 To 500, Deduct	*-2.48*	
		For >100 To 250, Deduct	*-1.44*	

26 05 29 00-0198 Threaded Rod, Accessories And Attachments *(26 05 29)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0199		**Threaded Rod And Rod Accessories** *(26 05 29 00-0198)*		
26 05 29 00-0200		**Carbon Steel Threaded Rod** *(26 05 29 00-0199)*		
		Note: Includes plain finish.		
26 05 29 00-0201	LF	3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.38	0.82
		For Galvanized, Add	*0.70*	
		For Zinc Coated, Add	*0.50*	
26 05 29 00-0202	LF	1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	4.52	0.88
		For Galvanized, Add	*1.11*	
		For Zinc Coated, Add	*0.79*	
26 05 29 00-0203	LF	5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	6.11	0.90
		For Galvanized, Add	*1.72*	
		For Zinc Coated, Add	*1.23*	
26 05 29 00-0204	LF	3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	9.68	0.93
		For Galvanized, Add	*3.12*	
		For Zinc Coated, Add	*2.23*	
26 05 29 00-0205	LF	7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	10.51	0.96
		For Galvanized, Add	*3.43*	
		For Zinc Coated, Add	*2.45*	
26 05 29 00-0206	LF	1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	14.23	1.08
		For Galvanized, Add	*4.82*	
		For Zinc Coated, Add	*3.43*	
26 05 29 00-0207	LF	1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	17.62	1.21
		For Galvanized, Add	*6.08*	
		For Zinc Coated, Add	*4.33*	
26 05 29 00-0208		**Threaded Rod Couplings** *(26 05 29 00-0199)*		
26 05 29 00-0209	EA	3/8" Diameter, Threaded Rod Coupling Nut	10.60	
26 05 29 00-0210	EA	1/2" Diameter, Threaded Rod Coupling Nut	12.03	
26 05 29 00-0211	EA	5/8" Diameter, Threaded Rod Coupling Nut	15.06	
26 05 29 00-0212	EA	3/4" Diameter, Threaded Rod Coupling Nut	18.39	
26 05 29 00-0213	EA	7/8" Diameter, Threaded Rod Coupling Nut	27.05	
26 05 29 00-0214	EA	1" Diameter, Threaded Rod Coupling Nut	32.09	
26 05 29 00-0215	EA	1-1/8" Diameter, Threaded Rod Coupling Nut	61.63	
26 05 29 00-0216		**Flat Washers** *(26 05 29 00-0199)*		
26 05 29 00-0217	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.90	0.33
		For Galvanized, Add	*0.04*	
26 05 29 00-0218	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.17	0.33
		For Galvanized, Add	*0.09*	
26 05 29 00-0219	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.54	0.33
		For Galvanized, Add	*0.17*	
26 05 29 00-0220	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.89	0.65
		For Galvanized, Add	*0.25*	
26 05 29 00-0221	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.13	0.65
		For Galvanized, Add	*0.29*	
26 05 29 00-0222	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.52	0.65
		For Galvanized, Add	*0.36*	
26 05 29 00-0223	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.83	0.65
		For Galvanized, Add	*0.41*	
26 05 29 00-0224		**Malleable Iron Eye Sockets** *(26 05 29 00-0199)*		
		Note: Type 16.		
26 05 29 00-0225	EA	3/8" Rod Size, Malleable Iron Eye Socket	16.04	
26 05 29 00-0226	EA	1/2" Rod Size, Malleable Iron Eye Socket	19.41	
26 05 29 00-0227	EA	5/8" Rod Size, Malleable Iron Eye Socket	35.31	
26 05 29 00-0228	EA	3/4" Rod Size, Malleable Iron Eye Socket	51.13	
26 05 29 00-0229	EA	7/8" Rod Size, Malleable Iron Eye Socket	54.29	
26 05 29 00-0230		**Hex Nuts** *(26 05 29 00-0199)*		
26 05 29 00-0231	EA	3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.88	0.33
		For Galvanized, Add	*0.04*	
26 05 29 00-0232	EA	1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.12	0.33
		For Galvanized, Add	*0.08*	
26 05 29 00-0233	EA	5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.54	0.33
		For Galvanized, Add	*0.17*	
26 05 29 00-0234	EA	3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.83	0.65
		For Galvanized, Add	*0.23*	
26 05 29 00-0235	EA	7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.69	0.65
		For Galvanized, Add	*0.43*	
26 05 29 00-0236	EA	1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	3.43	0.65
		For Galvanized, Add	*0.59*	
26 05 29 00-0237	EA	1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	5.64	0.65
		For Galvanized, Add	*1.11*	
26 05 29 00-0238		**Forged Steel Turnbuckles** *(26 05 29 00-0199)*		
		Note: Type 13.		
26 05 29 00-0239	EA	3/8" Thread Diameter, Forged Steel Turnbuckle Body	38.24	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0240	EA	1/2" Thread Diameter, Forged Steel Turnbuckle Body	47.94	
26 05 29 00-0241	EA	5/8" Thread Diameter, Forged Steel Turnbuckle Body	65.56	
26 05 29 00-0242	EA	3/4" Thread Diameter, Forged Steel Turnbuckle Body	81.79	
26 05 29 00-0243	EA	7/8" Thread Diameter, Forged Steel Turnbuckle Body	211.86	
26 05 29 00-0244	EA	1" Thread Diameter, Forged Steel Turnbuckle Body	135.94	
26 05 29 00-0245	EA	1-1/4" Thread Diameter, Forged Steel Turnbuckle Body	281.99	
26 05 29 00-0246		**Attachments** *(26 05 29 00-0198)*		
26 05 29 00-0247		**Welded Beam Attachments** *(26 05 29 00-0246)*		
		Note: Type 22.		
26 05 29 00-0248	EA	3/8" Rod Size, Welded Beam Attachment	69.30	13.10
26 05 29 00-0249	EA	1/2" Rod Size, Welded Beam Attachment	74.06	13.75
26 05 29 00-0250	EA	5/8" Rod Size, Welded Beam Attachment	78.93	14.54
26 05 29 00-0251	EA	3/4" Rod Size, Welded Beam Attachment	102.99	15.45
26 05 29 00-0252	EA	7/8" Rod Size, Welded Beam Attachment	125.10	16.37
26 05 29 00-0253	EA	1" Rod Size, Welded Beam Attachment	178.43	18.73
26 05 29 00-0254	EA	1-1/8" Rod Size, Welded Beam Attachment	257.62	19.64
26 05 29 00-0255		**C-Clamp Style Beam Clamps** *(26 05 29 00-0246)*		
		Note: Type 23. Top or bottom flange mount.		
26 05 29 00-0256	EA	3/8" Rod Size, C-Clamp Style Beam Clamp	21.67	9.84
26 05 29 00-0257	EA	1/2" Rod Size, C-Clamp Style Beam Clamp	26.62	10.49
26 05 29 00-0258	EA	5/8" Rod Size, C-Clamp Style Beam Clamp	30.61	11.24
26 05 29 00-0259	EA	3/4" Rod Size, C-Clamp Style Beam Clamp	40.77	12.10
26 05 29 00-0260	EA	7/8" Rod Size, C-Clamp Style Beam Clamp	61.85	13.12
26 05 29 00-0261		**Bottom Mount I-Beam Clamps** *(26 05 29 00-0246)*		
		Note: Type 21. For attaching threaded rod centered under beam flanges.		
26 05 29 00-0262	EA	3/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	68.14	13.12
26 05 29 00-0263	EA	1/2" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	103.15	14.31
26 05 29 00-0264	EA	5/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	150.24	15.74
26 05 29 00-0265	EA	3/4" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	180.63	17.49
26 05 29 00-0266	EA	1" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	451.10	19.67
26 05 29 00-0267		**Steel U-Bolts** *(26 05 29 00-0246)*		
		Note: Type 24. Includes plate and nuts.		
26 05 29 00-0268	EA	1/2" Pipe Size, Zinc Plated Steel, U-Bolt	17.75	7.87
26 05 29 00-0269	EA	3/4" Pipe Size, Zinc Plated Steel, U-Bolt	19.42	8.28
26 05 29 00-0270	EA	1" Pipe Size, Zinc Plated Steel, U-Bolt	20.99	8.74
26 05 29 00-0271	EA	1-1/4" Pipe Size, Zinc Plated Steel, U-Bolt	24.29	9.26
26 05 29 00-0272	EA	1-1/2" Pipe Size, Zinc Plated Steel, U-Bolt	24.92	9.84
26 05 29 00-0273	EA	2" Pipe Size, Zinc Plated Steel, U-Bolt	26.69	10.50
26 05 29 00-0274	EA	2-1/2" Pipe Size, Zinc Plated Steel, U-Bolt	40.78	11.24
26 05 29 00-0275	EA	3" Pipe Size, Zinc Plated Steel, U-Bolt	45.13	12.10
26 05 29 00-0276	EA	4" Pipe Size, Zinc Plated Steel, U-Bolt	55.43	13.12
26 05 29 00-0277		**Stainless Steel Threaded Rod** *(26 05 29 00-0198)*		
26 05 29 00-0278	LF	1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	4.23	0.65
		For 316 Stainless Steel, Add	*1.18*	
26 05 29 00-0279	LF	5/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	6.44	0.72
		For 316 Stainless Steel, Add	*2.02*	
26 05 29 00-0280	LF	3/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	8.29	0.82
		For 316 Stainless Steel, Add	*2.69*	
26 05 29 00-0281	LF	7/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	11.60	0.84
		For 316 Stainless Steel, Add	*4.01*	
26 05 29 00-0282	LF	1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod	13.94	0.88
		For 316 Stainless Steel, Add	*4.94*	
26 05 29 00-0283	LF	5/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	20.99	0.89
		For 316 Stainless Steel, Add	*7.78*	
26 05 29 00-0284	LF	3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	29.46	0.90
		For 316 Stainless Steel, Add	*11.20*	
26 05 29 00-0285	LF	7/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	40.62	0.93
		For 316 Stainless Steel, Add	*15.69*	
26 05 29 00-0286	LF	1" Diameter, 304/18-8 Stainless Steel Threaded Rod	52.22	1.08
		For 316 Stainless Steel, Add	*20.26*	
26 05 29 00-0287	LF	1-1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	110.74	1.31
		For 316 Stainless Steel, Add	*43.74*	
26 05 29 00-0288		**Polyvinyl Chloride (PVC) Coated Supports** *(26 05 29)*		
		Note: Includes stainless steel and/or Polyvinyl Chloride (PVC) coated hardware.		
26 05 29 00-0289		**Attachments** *(26 05 29 00-0288)*		
26 05 29 00-0290		**Polyvinyl Chloride (PVC) Coated Pipe Straps** *(26 05 29 00-0289)*		
		Note: Includes stainless steel nuts and bolts.		
26 05 29 00-0291	EA	1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap	26.51	8.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0292	EA	3/4" Polyvinyl Chloride (PVC) Coated Pipe Strap	27.84	9.43
26 05 29 00-0293	EA	1" Polyvinyl Chloride (PVC) Coated Pipe Strap	30.34	10.21
26 05 29 00-0294	EA	1-1/4" Polyvinyl Chloride (PVC) Coated Pipe Strap	34.12	11.78
26 05 29 00-0295	EA	1-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap	39.07	13.36
26 05 29 00-0296	EA	2" Polyvinyl Chloride (PVC) Coated Pipe Strap	43.51	14.14
26 05 29 00-0297	EA	2-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap	48.07	15.71
26 05 29 00-0298	EA	3" Polyvinyl Chloride (PVC) Coated Pipe Strap	57.31	17.29
26 05 29 00-0299	EA	3-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap	62.74	18.08
26 05 29 00-0300	EA	4" Polyvinyl Chloride (PVC) Coated Pipe Strap	65.86	19.64
26 05 29 00-0301	EA	5" Polyvinyl Chloride (PVC) Coated Pipe Strap	70.28	22.00

26 05 29 00-0302 Polymer Concrete Pads *(26 05 29)*

Note: Excludes excavation and backfill.

26 05 29 00-0303 Polymer Concrete, Box Pads *(26 05 29 00-0302)*

26 05 29 00-0304	EA	24" x 36", 18" Depth, Polymer Concrete, Box Pad	1,474.97	145.61
26 05 29 00-0305	EA	25" x 25", 24" Depth, Polymer Concrete, Box Pad	1,523.89	145.61
26 05 29 00-0306	EA	40" x 44", 15" Depth, Polymer Concrete, Box Pad	1,973.37	145.61
26 05 29 00-0307	EA	40" x 44", 24" Depth, Polymer Concrete, Box Pad	2,047.90	145.61
26 05 29 00-0308	EA	52" x 36", 18" Depth, Polymer Concrete, Box Pad	1,904.00	145.61
26 05 29 00-0309	EA	44" x 44", 32" Depth, Polymer Concrete, Box Pad	2,255.94	145.61
26 05 29 00-0310	EA	40" x 58", 24" Depth, Polymer Concrete, Box Pad	2,525.81	145.61
26 05 29 00-0311	EA	52" x 50", 18" Depth, Polymer Concrete, Box Pad	2,422.12	182.01
26 05 29 00-0312	EA	74" x 76", 36" Depth, Polymer Concrete, Box Pad	3,683.02	182.01
26 05 29 00-0313	EA	93" x 93", 36" Depth, Polymer Concrete, Box Pad	4,950.16	182.01

26 05 29 00-0314 Polymer Concrete, Telecommunications Equipment Pads *(26 05 29 00-0302)*

26 05 29 00-0315	EA	42" x 42", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad	710.22	78.42
26 05 29 00-0316	EA	48" x 46", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad	843.83	78.42
26 05 29 00-0317	EA	60" x 42", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,094.39	109.21
26 05 29 00-0318	EA	54" x 48", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,144.05	109.21
26 05 29 00-0319	EA	57" x 60", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,649.59	109.21
26 05 29 00-0320	EA	72" x 60", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,719.86	109.21
26 05 29 00-0321	EA	64" x 72", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,850.78	109.21
26 05 29 00-0322	EA	72" x 64", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,850.78	109.21
26 05 29 00-0323	EA	76" x 84", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	3,495.57	109.21
26 05 29 00-0324	EA	96" x 84", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	3,964.89	109.21

26 05 29 00-0325 Polymer Concrete, Electrical Equipment Pads *(26 05 29 00-0302)*

26 05 29 00-0326	EA	24" x 25", 2" Thick, Polymer Concrete, Electrical Equipment Pad	427.21	78.42
26 05 29 00-0327	EA	24" x 36", 2" Thick, Polymer Concrete, Electrical Equipment Pad	461.56	78.42
26 05 29 00-0328	EA	24" x 44", 2" Thick, Polymer Concrete, Electrical Equipment Pad	492.85	78.42
26 05 29 00-0329	EA	24" x 58", 2" Thick, Polymer Concrete, Electrical Equipment Pad	596.79	78.42
26 05 29 00-0330	EA	40" x 40", 3" Thick, Polymer Concrete, Electrical Equipment Pad	550.41	78.42
26 05 29 00-0331	EA	42" x 42", 3" Thick, Polymer Concrete, Electrical Equipment Pad	572.26	78.42
26 05 29 00-0332	EA	48" x 42", 4" Thick, Polymer Concrete, Electrical Equipment Pad	628.93	78.42
26 05 29 00-0333	EA	48" x 46", 3" Thick, Polymer Concrete, Electrical Equipment Pad	661.98	78.42
26 05 29 00-0334	EA	54" x 48", 4" Thick, Polymer Concrete, Electrical Equipment Pad	772.37	78.42
26 05 29 00-0335	EA	56" x 44", 3" Thick, Polymer Concrete, Electrical Equipment Pad	954.20	78.42
26 05 29 00-0336	EA	64" x 64", 4" Thick, Polymer Concrete, Electrical Equipment Pad	1,406.04	109.21
26 05 29 00-0337	EA	66" x 72", 4" Thick, Polymer Concrete, Electrical Equipment Pad	1,472.50	109.21
26 05 29 00-0338	EA	75" x 52", 4" Thick, Polymer Concrete, Electrical Equipment Pad	1,493.47	109.21
26 05 29 00-0339	EA	90" x 48", 4" Thick, Polymer Concrete, Electrical Equipment Pad	1,633.18	109.21
26 05 29 00-0340	EA	84" x 96", 4" Thick, Polymer Concrete, Electrical Equipment Pad	3,501.88	109.21
26 05 29 00-0341	EA	96" x 80", 4" Thick, Polymer Concrete, Electrical Equipment Pad	4,127.81	109.21

26 05 33 Raceway and Boxes for Electrical Systems *(26 05)*

26 05 33 13 Conduit for Electrical Systems *(26 05 33)*

26 05 33 13-0001 Conduit Assemblies With Wire Assemblies *(26 05 33 13)*

Note: Includes conduit, field bending conduit up to and including 1", fittings and wire. Excludes hangers or supports.

26 05 33 13-0002 Electrical Metallic Tubing (EMT) Conduit Assemblies *(26 05 33 13-0001)*

Note: Includes conduit, field bends, fittings, set screw connectors, set screw couplings, straps, and copper wire as indicated. Per CLF. See CSI section 26 05 19 16-0062 for larger copper conducter, 26 05 33 13-0589 for larger EMT conduit.

26 05 33 13-0003	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	995.04	292.43
		For 2 #12 THWN Conductor Instead Of THHN, Add	*2.36*	
26 05 33 13-0004	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,090.45	317.56
		For 3 #12 THWN Conductor Instead Of THHN, Add	*3.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0005	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,185.86	342.69
		For Work In Restricted Working Space, Add	*293.77*	
		For 4 #12 THWN Conductor Instead Of THHN, Add	*4.72*	
26 05 33 13-0006	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,054.67	305.00
		For 2 #10 THWN Conductor Instead Of THHN, Add	*3.54*	
26 05 33 13-0007	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,173.91	334.31
		For 3 #10 THWN Conductor Instead Of THHN, Add	*5.31*	
26 05 33 13-0008	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conducter Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,293.14	363.62
		For Work In Restricted Working Space, Add	*311.72*	
		For 4 #10 THWN Conductor Instead Of THHN, Add	*7.08*	
26 05 33 13-0009	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit With 2 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,190.87	330.13
		For Work In Restricted Working Space, Add	*283.00*	
		For 2 #8 THWN Conductor Instead Of THHN, Add	*6.18*	
26 05 33 13-0010	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,106.49	315.28
		For 2 #12 THWN Conductor Instead Of THHN, Add	*2.36*	
26 05 33 13-0011	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,201.90	340.41
		For 3 #12 THWN Conductor Instead Of THHN, Add	*3.54*	
26 05 33 13-0012	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,297.29	365.54
26 05 33 13-0013	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit With 5 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,392.71	390.67
		For 5 #12 THWN Conductor Instead Of THHN, Add	*5.90*	
26 05 33 13-0014	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,166.11	327.85
		For 2 #10 THWN Conductor Instead Of THHN, Add	*3.54*	
26 05 33 13-0015	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,285.35	357.16
		For 3 #10 THWN Conductor Instead Of THHN, Add	*5.31*	
26 05 33 13-0016	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,404.59	386.48
		For 4 #10 THWN Conductor Instead Of THHN, Add	*7.08*	
26 05 33 13-0017	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit With 5 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,523.82	415.80
		For 5 #10 THWN Conductor Instead Of THHN, Add	*8.85*	
26 05 33 13-0018	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,471.75	390.67
		For Work In Restricted Working Space, Add	*334.84*	
		For 3 #8 THWN Conductor Instead Of THHN, Add	*9.26*	
26 05 33 13-0019	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit With 4 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,641.19	428.36
		For Work In Restricted Working Space, Add	*367.14*	
		For 4 #8 THWN Conductor Instead Of THHN, Add	*12.35*	
26 05 33 13-0020	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit With 2 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,481.07	378.10
		For Work In Restricted Working Space, Add	*324.07*	
		For 2 #6 THWN Conductor Instead Of THHN, Add	*10.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0021	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor Assembly	1,714.79	424.17
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*363.55*	
		For 3 #6 THWN Conductor Instead Of THHN, Add	*15.32*	
26 05 33 13-0022	CLF	1" Electrical Metallic Tubing (EMT) Conduit With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly	1,263.53	339.34
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For 2 #12 THWN Conductor Instead Of THHN, Add	*2.36*	
26 05 33 13-0023	CLF	1" Electrical Metallic Tubing (EMT) Conduit With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly	1,358.95	364.46
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For 3 #12 THWN Conductor Instead Of THHN, Add	*3.54*	
26 05 33 13-0024	CLF	1" Electrical Metallic Tubing (EMT) Conduit With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly	1,454.36	389.59
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
26 05 33 13-0025	CLF	1" Electrical Metallic Tubing (EMT) Conduit With 5 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly	1,549.76	414.71
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For 5 #12 THWN Conductor Instead Of THHN, Add	*5.90*	
26 05 33 13-0026	CLF	1" Electrical Metallic Tubing (EMT) Conduit With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly	1,323.16	351.90
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For 2 #10 THWN Conductor Instead Of THHN, Add	*3.54*	
26 05 33 13-0027	CLF	1" Electrical Metallic Tubing (EMT) Conduit With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly	1,442.40	381.22
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For 3 #10 THWN Conductor Instead Of THHN, Add	*5.31*	
26 05 33 13-0028	CLF	1" Electrical Metallic Tubing (EMT) Conduit With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly	1,561.64	410.52
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For 4 #10 THWN Conductor Instead Of THHN, Add	*7.08*	
26 05 33 13-0029	CLF	1" Electrical Metallic Tubing (EMT) Conduit With 5 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly	1,680.87	439.84
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For 5 #10 THWN Conductor Instead Of THHN, Add	*8.85*	
26 05 33 13-0030	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor Assembly	1,628.80	414.71
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*355.51*	
		For 3 #8 THWN Conductor Instead Of THHN, Add	*9.26*	
26 05 33 13-0031	CLF	1" Electrical Metallic Tubing (EMT) Conduit With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor Assembly	1,871.84	448.21
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*384.23*	
		For 3 #6 THWN Conductor Instead Of THHN, Add	*15.32*	
26 05 33 13-0032	CLF	1" Electrical Metallic Tubing (EMT) Conduit With 4 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor Assembly	2,105.56	494.28
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*423.71*	
		For 4 #6 THWN Conductor Instead Of THHN, Add	*20.42*	

26 05 33 13-0033 Rigid Galvanized Steel (RGS) Conduit Assemblies *(26 05 33 13-0001)*

Note: Includes conduit, field bends, fittings, terminations, straps, and copper wire as indicated. Per CLF. See CSI section 26 05 19 16-0062 for larger copper conducter, 26 05 33 13-0060 for larger RGS conduit.

26 05 33 13-0034	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly	1,290.84	332.87
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For 2 #12 THWN Conductor Instead Of THHN, Add	*2.36*	
26 05 33 13-0035	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly	1,386.25	358.00
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For 3 #12 THWN Conductor Instead Of THHN, Add	*3.54*	
26 05 33 13-0036	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly	1,350.46	345.43
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For 2 #10 THWN Conductor Instead Of THHN, Add	*3.54*	
26 05 33 13-0037	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly	1,469.70	374.75
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For 3 #10 THWN Conductor Instead Of THHN, Add	*5.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0038	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit With 2 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor Assembly	1,486.67	370.56
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*317.61*	
		For 2 #8 THWN Conductor Instead Of THHN, Add	*6.18*	
26 05 33 13-0039	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly	1,416.82	355.00
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For 2 #12 THWN Conductor Instead Of THHN, Add	*2.36*	
26 05 33 13-0040	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly	1,512.22	380.13
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For 3 #12 THWN Conductor Instead Of THHN, Add	*3.54*	
26 05 33 13-0041	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly	1,607.64	405.26
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
26 05 33 13-0042	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly	1,476.44	367.57
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For 2 #10 THWN Conductor Instead Of THHN, Add	*3.54*	
26 05 33 13-0043	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly	1,595.67	396.88
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For 3 #10 THWN Conductor Instead Of THHN, Add	*5.31*	
26 05 33 13-0044	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly	1,714.91	426.20
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For 4 #10 THWN Conductor Instead Of THHN, Add	*7.08*	
26 05 33 13-0045	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor Assembly	1,782.09	430.39
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*368.87*	
		For 3 #8 THWN Conductor Instead Of THHN, Add	*9.26*	
26 05 33 13-0046	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit With 4 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor Assembly	1,951.52	468.08
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*401.17*	
		For 4 #8 THWN Conductor Instead Of THHN, Add	*12.35*	
26 05 33 13-0047	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit With 2 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor Assembly	1,791.41	417.82
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*358.10*	
		For 2 #6 THWN Conductor Instead Of THHN, Add	*10.21*	
26 05 33 13-0048	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor Assembly	2,025.12	463.89
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*397.58*	
		For 3 #6 THWN Conductor Instead Of THHN, Add	*15.32*	
26 05 33 13-0049	CLF	1" Rigid Galvanized Steel (RGS) Conduit With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly	1,819.43	423.93
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For 3 #12 THWN Conductor Instead Of THHN, Add	*3.54*	
26 05 33 13-0050	CLF	1" Rigid Galvanized Steel (RGS) Conduit With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly	1,914.83	449.06
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
26 05 33 13-0051	CLF	1" Rigid Galvanized Steel (RGS) Conduit With 5 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly	2,010.23	474.18
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For 5 #12 THWN Conductor Instead Of THHN, Add	*5.90*	
26 05 33 13-0052	CLF	1" Rigid Galvanized Steel (RGS) Conduit With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly	1,902.87	440.68
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For 3 #10 THWN Conductor Instead Of THHN, Add	*5.31*	
26 05 33 13-0053	CLF	1" Rigid Galvanized Steel (RGS) Conduit With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly	2,022.11	469.99
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For 4 #10 THWN Conductor Instead Of THHN, Add	*7.08*	
26 05 33 13-0054	CLF	1" Rigid Galvanized Steel (RGS) Conduit With 5 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Assembly	2,141.34	499.31
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For 5 #10 THWN Conductor Instead Of THHN, Add	*8.85*	
26 05 33 13-0055	CLF	1" Rigid Galvanized Steel (RGS) Conduit With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor Assembly	2,089.27	474.18
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*406.45*	
		For 3 #8 THWN Conductor Instead Of THHN, Add	*9.26*	
26 05 33 13-0056	CLF	1" Rigid Galvanized Steel (RGS) Conduit With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor Assembly	2,332.32	507.68
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*435.17*	
		For 3 #6 THWN Conductor Instead Of THHN, Add	*15.32*	
26 05 33 13-0057	CLF	1" Rigid Galvanized Steel (RGS) Conduit With 4 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor Assembly	2,566.04	553.75
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*474.65*	
		For 4 #6 THWN Conductor Instead Of THHN, Add	*20.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0058		**Conduit** *(26 05 33 13)* Note: Where 4-1/2" conduit is required, use tasks for 5" conduit. Add couplings as required at each fitting.		
26 05 33 13-0059		**Conduit Installed Above Grade** *(26 05 33 13-0058)*		
26 05 33 13-0060		**Rigid Galvanized Steel (RGS) Or Galvanized Rigid Steel Conduit (GRC) Conduit** *(26 05 33 13-0059)* Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.		
26 05 33 13-0061		**Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling** *(26 05 33 13-0060)* Note: Includes field bending conduit up to and including 1". See CSI section 26 05 33 13-1358 for field bending >1".		
26 05 33 13-0062	LF	1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	9.15	2.64
		For Installation In Metal Stud Wall, Add	*0.66*	
		For Work In Restricted Working Space, Add	*1.98*	
		For >1,000, Deduct	*-0.75*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.99*	
		For >500 To 1,000, Deduct	*-0.52*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.65*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.66*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.32*	
		For Elevated Installation >20' To 25' Above Floor, Add	*1.65*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.31*	
		For Elevated Installation >30' To 35' Above Floor, Add	*2.64*	
		For Elevated Installation >35' To 40' Above Floor, Add	*3.30*	
		For Elevated Installation >40' Above Floor, Add	*3.62*	
		For >250 To 500, Deduct	*-0.13*	
26 05 33 13-0063	LF	3/4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	10.82	2.87
		For Installation In Metal Stud Wall, Add	*0.77*	
		For Work In Restricted Working Space, Add	*2.30*	
		For >1,000, Deduct	*-0.89*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.15*	
		For >500 To 1,000, Deduct	*-0.62*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.92*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.77*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.53*	
		For Elevated Installation >20' To 25' Above Floor, Add	*1.92*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.68*	
		For Elevated Installation >30' To 35' Above Floor, Add	*3.06*	
		For Elevated Installation >35' To 40' Above Floor, Add	*3.83*	
		For Elevated Installation >40' Above Floor, Add	*4.21*	
		For >250 To 500, Deduct	*-0.16*	
26 05 33 13-0064	LF	1" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	15.17	3.35
		For Installation In Metal Stud Wall, Add	*1.03*	
		For Work In Restricted Working Space, Add	*3.09*	
		For >1,000, Deduct	*-1.26*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.54*	
		For >500 To 1,000, Deduct	*-0.88*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.57*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.03*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.06*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.57*	
		For Elevated Installation >25' To 30' Above Floor, Add	*3.60*	
		For Elevated Installation >30' To 35' Above Floor, Add	*4.12*	
		For Elevated Installation >35' To 40' Above Floor, Add	*5.15*	
		For Elevated Installation >40' Above Floor, Add	*5.66*	
		For >250 To 500, Deduct	*-0.24*	
26 05 33 13-0065	LF	1-1/4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	17.40	3.83
		For Installation In Metal Stud Wall, Add	*1.09*	
		For Work In Restricted Working Space, Add	*3.27*	
		For >1,000, Deduct	*-1.47*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.63*	
		For >500 To 1,000, Deduct	*-1.03*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.72*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.09*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.18*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.72*	
		For Elevated Installation >25' To 30' Above Floor, Add	*3.81*	
		For Elevated Installation >30' To 35' Above Floor, Add	*4.36*	
		For Elevated Installation >35' To 40' Above Floor, Add	*5.45*	
		For Elevated Installation >40' Above Floor, Add	*5.99*	
		For >250 To 500, Deduct	*-0.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0066	LF	1-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	19.95	4.31
		For Installation In Metal Stud Wall, Add	*1.20*	
		For Work In Restricted Working Space, Add	*3.59*	
		For >1,000, Deduct	*-1.70*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.80*	
		For >500 To 1,000, Deduct	*-1.20*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.99*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.20*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.39*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.99*	
		For Elevated Installation >25' To 30' Above Floor, Add	*4.19*	
		For Elevated Installation >30' To 35' Above Floor, Add	*4.79*	
		For Elevated Installation >35' To 40' Above Floor, Add	*5.99*	
		For Elevated Installation >40' Above Floor, Add	*6.58*	
		For >250 To 500, Deduct	*-0.40*	
26 05 33 13-0067	LF	2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	25.38	5.26
		For Installation In Metal Stud Wall, Add	*1.47*	
		For Work In Restricted Working Space, Add	*4.41*	
		For >1,000, Deduct	*-2.17*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*2.21*	
		For >500 To 1,000, Deduct	*-1.54*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*3.68*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.47*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.94*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.68*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.15*	
		For Elevated Installation >30' To 35' Above Floor, Add	*5.88*	
		For Elevated Installation >35' To 40' Above Floor, Add	*7.36*	
		For Elevated Installation >40' Above Floor, Add	*8.09*	
		For >250 To 500, Deduct	*-0.53*	
26 05 33 13-0068	LF	2-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	37.67	7.18
		For Installation In Metal Stud Wall, Add	*2.00*	
		For Work In Restricted Working Space, Add	*6.00*	
		For >1,000, Deduct	*-3.27*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*3.00*	
		For >500 To 1,000, Deduct	*-2.33*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*5.00*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.00*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.00*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.00*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.00*	
		For Elevated Installation >30' To 35' Above Floor, Add	*8.00*	
		For Elevated Installation >35' To 40' Above Floor, Add	*10.00*	
		For Elevated Installation >40' Above Floor, Add	*10.99*	
		For >250 To 500, Deduct	*-0.88*	
26 05 33 13-0069	LF	3" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	49.42	9.57
		For Installation In Metal Stud Wall, Add	*2.69*	
		For Work In Restricted Working Space, Add	*8.08*	
		For >1,000, Deduct	*-4.27*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*4.04*	
		For >500 To 1,000, Deduct	*-3.03*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*6.73*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.69*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.38*	
		For Elevated Installation >20' To 25' Above Floor, Add	*6.73*	
		For Elevated Installation >25' To 30' Above Floor, Add	*9.42*	
		For Elevated Installation >30' To 35' Above Floor, Add	*10.77*	
		For Elevated Installation >35' To 40' Above Floor, Add	*13.46*	
		For Elevated Installation >40' Above Floor, Add	*14.81*	
		For >250 To 500, Deduct	*-1.13*	
26 05 33 13-0070	LF	3-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	59.40	11.97
		For Installation In Metal Stud Wall, Add	*3.20*	
		For Work In Restricted Working Space, Add	*9.59*	
		For >1,000, Deduct	*-5.14*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*4.79*	
		For >500 To 1,000, Deduct	*-3.66*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*7.99*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.20*	
		For Elevated Installation >15' To 20' Above Floor, Add	*6.39*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.99*	
		For Elevated Installation >25' To 30' Above Floor, Add	*11.18*	
		For Elevated Installation >30' To 35' Above Floor, Add	*12.78*	
		For Elevated Installation >35' To 40' Above Floor, Add	*15.98*	
		For Elevated Installation >40' Above Floor, Add	*17.57*	
		For >250 To 500, Deduct	*-1.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0071	LF	4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	70.39	14.35
		For Installation In Metal Stud Wall, Add	*3.69*	
		For Work In Restricted Working Space, Add	*11.06*	
		For >1,000, Deduct	*-6.12*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*5.53*	
		For >500 To 1,000, Deduct	*-4.36*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*9.22*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.69*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.37*	
		For Elevated Installation >20' To 25' Above Floor, Add	*9.22*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.90*	
		For Elevated Installation >30' To 35' Above Floor, Add	*14.74*	
		For Elevated Installation >35' To 40' Above Floor, Add	*18.43*	
		For Elevated Installation >40' Above Floor, Add	*20.27*	
		For >250 To 500, Deduct	*-1.68*	

26 05 33 13-0072 Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow *(26 05 33 13-0060)*

See CSI section 26 05 33 13-1358 for conduit field bending.

26 05 33 13-0073	EA	1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	35.47	11.85
		For Work In Restricted Working Space, Add	*8.91*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.97*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.94*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.43*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.40*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.88*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.86*	
		For Elevated Installation >40' Above Floor, Add	*16.34*	
26 05 33 13-0074	EA	3/4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	44.54	14.71
		For Work In Restricted Working Space, Add	*11.08*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.69*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.39*	
		For Elevated Installation >20' To 25' Above Floor, Add	*9.24*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.93*	
		For Elevated Installation >30' To 35' Above Floor, Add	*14.78*	
		For Elevated Installation >35' To 40' Above Floor, Add	*18.47*	
		For Elevated Installation >40' Above Floor, Add	*20.32*	
26 05 33 13-0075	EA	1" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	56.74	18.07
		For Work In Restricted Working Space, Add	*13.52*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.51*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.01*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.26*	
		For Elevated Installation >25' To 30' Above Floor, Add	*15.77*	
		For Elevated Installation >30' To 35' Above Floor, Add	*18.02*	
		For Elevated Installation >35' To 40' Above Floor, Add	*22.53*	
		For Elevated Installation >40' Above Floor, Add	*24.78*	
26 05 33 13-0076	EA	1-1/4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	72.29	20.94
		For Work In Restricted Working Space, Add	*15.69*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.23*	
		For Elevated Installation >15' To 20' Above Floor, Add	*10.46*	
		For Elevated Installation >20' To 25' Above Floor, Add	*13.08*	
		For Elevated Installation >25' To 30' Above Floor, Add	*18.31*	
		For Elevated Installation >30' To 35' Above Floor, Add	*20.92*	
		For Elevated Installation >35' To 40' Above Floor, Add	*26.15*	
		For Elevated Installation >40' Above Floor, Add	*28.77*	
26 05 33 13-0077	EA	1-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	83.87	24.05
		For Work In Restricted Working Space, Add	*18.01*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.00*	
		For Elevated Installation >15' To 20' Above Floor, Add	*12.01*	
		For Elevated Installation >20' To 25' Above Floor, Add	*15.01*	
		For Elevated Installation >25' To 30' Above Floor, Add	*21.01*	
		For Elevated Installation >30' To 35' Above Floor, Add	*24.01*	
		For Elevated Installation >35' To 40' Above Floor, Add	*30.02*	
		For Elevated Installation >40' Above Floor, Add	*33.02*	
26 05 33 13-0078	EA	2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	98.82	26.44
		For Work In Restricted Working Space, Add	*19.81*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.60*	
		For Elevated Installation >15' To 20' Above Floor, Add	*13.21*	
		For Elevated Installation >20' To 25' Above Floor, Add	*16.51*	
		For Elevated Installation >25' To 30' Above Floor, Add	*23.11*	
		For Elevated Installation >30' To 35' Above Floor, Add	*26.42*	
		For Elevated Installation >35' To 40' Above Floor, Add	*33.02*	
		For Elevated Installation >40' Above Floor, Add	*36.32*	
26 05 33 13-0079	EA	2-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	140.96	33.03
		For Work In Restricted Working Space, Add	*24.77*	
		For Elevated Installation >10' To 15' Above Floor, Add	*8.26*	
		For Elevated Installation >15' To 20' Above Floor, Add	*16.51*	
		For Elevated Installation >20' To 25' Above Floor, Add	*20.64*	
		For Elevated Installation >25' To 30' Above Floor, Add	*28.89*	
		For Elevated Installation >30' To 35' Above Floor, Add	*33.02*	
		For Elevated Installation >35' To 40' Above Floor, Add	*41.28*	
		For Elevated Installation >40' Above Floor, Add	*45.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0080	EA	3" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	199.43	44.99
		For Work In Restricted Working Space, Add	*33.74*	
		For Elevated Installation >10' To 15' Above Floor, Add	*11.25*	
		For Elevated Installation >15' To 20' Above Floor, Add	*22.49*	
		For Elevated Installation >20' To 25' Above Floor, Add	*28.12*	
		For Elevated Installation >25' To 30' Above Floor, Add	*39.36*	
		For Elevated Installation >30' To 35' Above Floor, Add	*44.98*	
		For Elevated Installation >35' To 40' Above Floor, Add	*56.23*	
		For Elevated Installation >40' Above Floor, Add	*61.85*	
26 05 33 13-0081	EA	3-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	262.81	50.73
		For Work In Restricted Working Space, Add	*38.06*	
		For Elevated Installation >10' To 15' Above Floor, Add	*12.69*	
		For Elevated Installation >15' To 20' Above Floor, Add	*25.37*	
		For Elevated Installation >20' To 25' Above Floor, Add	*31.71*	
		For Elevated Installation >25' To 30' Above Floor, Add	*44.40*	
		For Elevated Installation >30' To 35' Above Floor, Add	*50.74*	
		For Elevated Installation >35' To 40' Above Floor, Add	*63.43*	
		For Elevated Installation >40' Above Floor, Add	*69.77*	
26 05 33 13-0082	EA	4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	321.78	66.05
		For Work In Restricted Working Space, Add	*49.53*	
		For Elevated Installation >10' To 15' Above Floor, Add	*16.51*	
		For Elevated Installation >15' To 20' Above Floor, Add	*33.02*	
		For Elevated Installation >20' To 25' Above Floor, Add	*41.27*	
		For Elevated Installation >25' To 30' Above Floor, Add	*57.78*	
		For Elevated Installation >30' To 35' Above Floor, Add	*66.04*	
		For Elevated Installation >35' To 40' Above Floor, Add	*82.55*	
		For Elevated Installation >40' Above Floor, Add	*90.80*	

26 05 33 13-0083 Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow *(26 05 33 13-0060)*

See CSI section 26 05 33 13-1358 for conduit field bending.

26 05 33 13-0084	EA	1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	35.47	11.85
		For Work In Restricted Working Space, Add	*8.91*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.97*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.94*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.43*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.40*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.88*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.86*	
		For Elevated Installation >40' Above Floor, Add	*16.34*	
26 05 33 13-0085	EA	3/4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	44.54	14.71
		For Work In Restricted Working Space, Add	*11.08*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.69*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.39*	
		For Elevated Installation >20' To 25' Above Floor, Add	*9.24*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.93*	
		For Elevated Installation >30' To 35' Above Floor, Add	*14.78*	
		For Elevated Installation >35' To 40' Above Floor, Add	*18.47*	
		For Elevated Installation >40' Above Floor, Add	*20.32*	
26 05 33 13-0086	EA	1" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	56.74	18.07
		For Work In Restricted Working Space, Add	*13.52*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.51*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.01*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.26*	
		For Elevated Installation >25' To 30' Above Floor, Add	*15.77*	
		For Elevated Installation >30' To 35' Above Floor, Add	*18.02*	
		For Elevated Installation >35' To 40' Above Floor, Add	*22.53*	
		For Elevated Installation >40' Above Floor, Add	*24.78*	
26 05 33 13-0087	EA	1-1/4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	72.29	20.94
		For Work In Restricted Working Space, Add	*15.69*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.23*	
		For Elevated Installation >15' To 20' Above Floor, Add	*10.46*	
		For Elevated Installation >20' To 25' Above Floor, Add	*13.08*	
		For Elevated Installation >25' To 30' Above Floor, Add	*18.31*	
		For Elevated Installation >30' To 35' Above Floor, Add	*20.92*	
		For Elevated Installation >35' To 40' Above Floor, Add	*26.15*	
		For Elevated Installation >40' Above Floor, Add	*28.77*	
26 05 33 13-0088	EA	1-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	83.88	24.05
		For Work In Restricted Working Space, Add	*18.01*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.00*	
		For Elevated Installation >15' To 20' Above Floor, Add	*12.01*	
		For Elevated Installation >20' To 25' Above Floor, Add	*15.01*	
		For Elevated Installation >25' To 30' Above Floor, Add	*21.01*	
		For Elevated Installation >30' To 35' Above Floor, Add	*24.01*	
		For Elevated Installation >35' To 40' Above Floor, Add	*30.02*	
		For Elevated Installation >40' Above Floor, Add	*33.02*	
26 05 33 13-0089	EA	2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	98.82	26.44
		For Work In Restricted Working Space, Add	*19.81*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.60*	
		For Elevated Installation >15' To 20' Above Floor, Add	*13.21*	
		For Elevated Installation >20' To 25' Above Floor, Add	*16.51*	
		For Elevated Installation >25' To 30' Above Floor, Add	*23.11*	
		For Elevated Installation >30' To 35' Above Floor, Add	*26.42*	
		For Elevated Installation >35' To 40' Above Floor, Add	*33.02*	
		For Elevated Installation >40' Above Floor, Add	*36.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0090	EA	2-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	138.59	33.03
		For Work In Restricted Working Space, Add	*24.77*	
		For Elevated Installation >10' To 15' Above Floor, Add	*8.26*	
		For Elevated Installation >15' To 20' Above Floor, Add	*16.51*	
		For Elevated Installation >20' To 25' Above Floor, Add	*20.64*	
		For Elevated Installation >25' To 30' Above Floor, Add	*28.89*	
		For Elevated Installation >30' To 35' Above Floor, Add	*33.02*	
		For Elevated Installation >35' To 40' Above Floor, Add	*41.28*	
		For Elevated Installation >40' Above Floor, Add	*45.40*	
26 05 33 13-0091	EA	3" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	190.19	44.99
		For Work In Restricted Working Space, Add	*33.74*	
		For Elevated Installation >10' To 15' Above Floor, Add	*11.25*	
		For Elevated Installation >15' To 20' Above Floor, Add	*22.49*	
		For Elevated Installation >20' To 25' Above Floor, Add	*28.12*	
		For Elevated Installation >25' To 30' Above Floor, Add	*39.36*	
		For Elevated Installation >30' To 35' Above Floor, Add	*44.98*	
		For Elevated Installation >35' To 40' Above Floor, Add	*56.23*	
		For Elevated Installation >40' Above Floor, Add	*61.85*	
26 05 33 13-0092	EA	3-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	249.82	50.73
		For Work In Restricted Working Space, Add	*38.06*	
		For Elevated Installation >10' To 15' Above Floor, Add	*12.69*	
		For Elevated Installation >15' To 20' Above Floor, Add	*25.37*	
		For Elevated Installation >20' To 25' Above Floor, Add	*31.71*	
		For Elevated Installation >25' To 30' Above Floor, Add	*44.40*	
		For Elevated Installation >30' To 35' Above Floor, Add	*50.74*	
		For Elevated Installation >35' To 40' Above Floor, Add	*63.43*	
		For Elevated Installation >40' Above Floor, Add	*69.77*	
26 05 33 13-0093	EA	4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	304.50	66.05
		For Work In Restricted Working Space, Add	*49.53*	
		For Elevated Installation >10' To 15' Above Floor, Add	*16.51*	
		For Elevated Installation >15' To 20' Above Floor, Add	*33.02*	
		For Elevated Installation >20' To 25' Above Floor, Add	*41.27*	
		For Elevated Installation >25' To 30' Above Floor, Add	*57.78*	
		For Elevated Installation >30' To 35' Above Floor, Add	*66.04*	
		For Elevated Installation >35' To 40' Above Floor, Add	*82.55*	
		For Elevated Installation >40' Above Floor, Add	*90.80*	
26 05 33 13-0094	EA	5" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	526.33	107.68
		For Work In Restricted Working Space, Add	*80.77*	
		For Elevated Installation >10' To 15' Above Floor, Add	*26.92*	
		For Elevated Installation >15' To 20' Above Floor, Add	*53.85*	
		For Elevated Installation >20' To 25' Above Floor, Add	*67.31*	
		For Elevated Installation >25' To 30' Above Floor, Add	*94.23*	
		For Elevated Installation >30' To 35' Above Floor, Add	*107.69*	
		For Elevated Installation >35' To 40' Above Floor, Add	*134.62*	
		For Elevated Installation >40' Above Floor, Add	*148.08*	
26 05 33 13-0095	EA	6" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	791.24	161.77
		For Work In Restricted Working Space, Add	*121.32*	
		For Elevated Installation >10' To 15' Above Floor, Add	*40.44*	
		For Elevated Installation >15' To 20' Above Floor, Add	*80.88*	
		For Elevated Installation >20' To 25' Above Floor, Add	*101.10*	
		For Elevated Installation >25' To 30' Above Floor, Add	*141.54*	
		For Elevated Installation >30' To 35' Above Floor, Add	*161.76*	
		For Elevated Installation >35' To 40' Above Floor, Add	*202.20*	
		For Elevated Installation >40' Above Floor, Add	*222.41*	

26 05 33 13-0096 Rigid Galvanized Steel (RGS) 12" Large Radius Elbow *(26 05 33 13-0060)*

See CSI section 26 05 33 13-1358 for conduit field bending.

26 05 33 13-0097	EA	1" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	86.95	29.55
		For Work In Restricted Working Space, Add	*17.73*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.91*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.82*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.78*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.69*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.64*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.56*	
		For Elevated Installation >40' Above Floor, Add	*32.51*	
26 05 33 13-0098	EA	1-1/4" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	100.22	34.22
		For Work In Restricted Working Space, Add	*20.53*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.84*	
		For Elevated Installation >15' To 20' Above Floor, Add	*13.69*	
		For Elevated Installation >20' To 25' Above Floor, Add	*17.11*	
		For Elevated Installation >25' To 30' Above Floor, Add	*23.95*	
		For Elevated Installation >30' To 35' Above Floor, Add	*27.38*	
		For Elevated Installation >35' To 40' Above Floor, Add	*34.22*	
		For Elevated Installation >40' Above Floor, Add	*37.64*	
26 05 33 13-0099	EA	1-1/2" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	115.84	38.89
		For Work In Restricted Working Space, Add	*23.33*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.78*	
		For Elevated Installation >15' To 20' Above Floor, Add	*15.55*	
		For Elevated Installation >20' To 25' Above Floor, Add	*19.44*	
		For Elevated Installation >25' To 30' Above Floor, Add	*27.22*	
		For Elevated Installation >30' To 35' Above Floor, Add	*31.11*	
		For Elevated Installation >35' To 40' Above Floor, Add	*38.89*	
		For Elevated Installation >40' Above Floor, Add	*42.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0100	EA	2" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	130.41	42.78
		For Work In Restricted Working Space, Add	*25.67*	
		For Elevated Installation >10' To 15' Above Floor, Add	*8.56*	
		For Elevated Installation >15' To 20' Above Floor, Add	*17.11*	
		For Elevated Installation >20' To 25' Above Floor, Add	*21.39*	
		For Elevated Installation >25' To 30' Above Floor, Add	*29.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*34.22*	
		For Elevated Installation >35' To 40' Above Floor, Add	*42.78*	
		For Elevated Installation >40' Above Floor, Add	*47.05*	
26 05 33 13-0101		**Rigid Galvanized Steel (RGS) 15" Large Radius Elbow** *(26 05 33 13-0060)*		
		See CSI section 26 05 33 13-1358 for conduit field bending.		
26 05 33 13-0102	EA	1" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	94.18	29.55
		For Work In Restricted Working Space, Add	*17.73*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.91*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.82*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.78*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.69*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.64*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.56*	
		For Elevated Installation >40' Above Floor, Add	*32.51*	
26 05 33 13-0103	EA	1-1/4" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	109.50	34.22
		For Work In Restricted Working Space, Add	*20.53*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.84*	
		For Elevated Installation >15' To 20' Above Floor, Add	*13.69*	
		For Elevated Installation >20' To 25' Above Floor, Add	*17.11*	
		For Elevated Installation >25' To 30' Above Floor, Add	*23.95*	
		For Elevated Installation >30' To 35' Above Floor, Add	*27.38*	
		For Elevated Installation >35' To 40' Above Floor, Add	*34.22*	
		For Elevated Installation >40' Above Floor, Add	*37.64*	
26 05 33 13-0104	EA	1-1/2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	120.07	38.89
		For Work In Restricted Working Space, Add	*23.33*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.78*	
		For Elevated Installation >15' To 20' Above Floor, Add	*15.55*	
		For Elevated Installation >20' To 25' Above Floor, Add	*19.44*	
		For Elevated Installation >25' To 30' Above Floor, Add	*27.22*	
		For Elevated Installation >30' To 35' Above Floor, Add	*31.11*	
		For Elevated Installation >35' To 40' Above Floor, Add	*38.89*	
		For Elevated Installation >40' Above Floor, Add	*42.77*	
26 05 33 13-0105	EA	2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	135.13	42.78
		For Work In Restricted Working Space, Add	*25.67*	
		For Elevated Installation >10' To 15' Above Floor, Add	*8.56*	
		For Elevated Installation >15' To 20' Above Floor, Add	*17.11*	
		For Elevated Installation >20' To 25' Above Floor, Add	*21.39*	
		For Elevated Installation >25' To 30' Above Floor, Add	*29.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*34.22*	
		For Elevated Installation >35' To 40' Above Floor, Add	*42.78*	
		For Elevated Installation >40' Above Floor, Add	*47.05*	
26 05 33 13-0106	EA	2-1/2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	179.29	53.67
		For Work In Restricted Working Space, Add	*32.20*	
		For Elevated Installation >10' To 15' Above Floor, Add	*10.73*	
		For Elevated Installation >15' To 20' Above Floor, Add	*21.47*	
		For Elevated Installation >20' To 25' Above Floor, Add	*26.83*	
		For Elevated Installation >25' To 30' Above Floor, Add	*37.57*	
		For Elevated Installation >30' To 35' Above Floor, Add	*42.93*	
		For Elevated Installation >35' To 40' Above Floor, Add	*53.67*	
		For Elevated Installation >40' Above Floor, Add	*59.03*	
26 05 33 13-0107	EA	3" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	241.38	73.11
		For Work In Restricted Working Space, Add	*43.86*	
		For Elevated Installation >10' To 15' Above Floor, Add	*14.62*	
		For Elevated Installation >15' To 20' Above Floor, Add	*29.24*	
		For Elevated Installation >20' To 25' Above Floor, Add	*36.55*	
		For Elevated Installation >25' To 30' Above Floor, Add	*51.17*	
		For Elevated Installation >30' To 35' Above Floor, Add	*58.48*	
		For Elevated Installation >35' To 40' Above Floor, Add	*73.11*	
		For Elevated Installation >40' Above Floor, Add	*80.42*	
26 05 33 13-0108		**Rigid Galvanized Steel (RGS) 18" Large Radius Elbow** *(26 05 33 13-0060)*		
		See CSI section 26 05 33 13-1358 for conduit field bending.		
26 05 33 13-0109	EA	1" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	94.52	29.55
		For Work In Restricted Working Space, Add	*17.73*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.91*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.82*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.78*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.69*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.64*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.56*	
		For Elevated Installation >40' Above Floor, Add	*32.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0110	EA	1-1/4" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	108.59	34.22
		For Work In Restricted Working Space, Add	*20.53*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.84*	
		For Elevated Installation >15' To 20' Above Floor, Add	*13.69*	
		For Elevated Installation >20' To 25' Above Floor, Add	*17.11*	
		For Elevated Installation >25' To 30' Above Floor, Add	*23.95*	
		For Elevated Installation >30' To 35' Above Floor, Add	*27.38*	
		For Elevated Installation >35' To 40' Above Floor, Add	*34.22*	
		For Elevated Installation >40' Above Floor, Add	*37.64*	
26 05 33 13-0111	EA	1-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	124.64	38.89
		For Work In Restricted Working Space, Add	*23.33*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.78*	
		For Elevated Installation >15' To 20' Above Floor, Add	*15.55*	
		For Elevated Installation >20' To 25' Above Floor, Add	*19.44*	
		For Elevated Installation >25' To 30' Above Floor, Add	*27.22*	
		For Elevated Installation >30' To 35' Above Floor, Add	*31.11*	
		For Elevated Installation >35' To 40' Above Floor, Add	*38.89*	
		For Elevated Installation >40' Above Floor, Add	*42.77*	
26 05 33 13-0112	EA	2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	145.36	42.78
		For Work In Restricted Working Space, Add	*25.67*	
		For Elevated Installation >10' To 15' Above Floor, Add	*8.56*	
		For Elevated Installation >15' To 20' Above Floor, Add	*17.11*	
		For Elevated Installation >20' To 25' Above Floor, Add	*21.39*	
		For Elevated Installation >25' To 30' Above Floor, Add	*29.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*34.22*	
		For Elevated Installation >35' To 40' Above Floor, Add	*42.78*	
		For Elevated Installation >40' Above Floor, Add	*47.05*	
26 05 33 13-0113	EA	2-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	188.82	53.67
		For Work In Restricted Working Space, Add	*32.20*	
		For Elevated Installation >10' To 15' Above Floor, Add	*10.73*	
		For Elevated Installation >15' To 20' Above Floor, Add	*21.47*	
		For Elevated Installation >20' To 25' Above Floor, Add	*26.83*	
		For Elevated Installation >25' To 30' Above Floor, Add	*37.57*	
		For Elevated Installation >30' To 35' Above Floor, Add	*42.93*	
		For Elevated Installation >35' To 40' Above Floor, Add	*53.67*	
		For Elevated Installation >40' Above Floor, Add	*59.03*	
26 05 33 13-0114	EA	3" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	249.07	73.11
		For Work In Restricted Working Space, Add	*43.86*	
		For Elevated Installation >10' To 15' Above Floor, Add	*14.62*	
		For Elevated Installation >15' To 20' Above Floor, Add	*29.24*	
		For Elevated Installation >20' To 25' Above Floor, Add	*36.55*	
		For Elevated Installation >25' To 30' Above Floor, Add	*51.17*	
		For Elevated Installation >30' To 35' Above Floor, Add	*58.48*	
		For Elevated Installation >35' To 40' Above Floor, Add	*73.11*	
		For Elevated Installation >40' Above Floor, Add	*80.42*	
26 05 33 13-0115	EA	3-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	310.27	82.44
		For Work In Restricted Working Space, Add	*49.46*	
		For Elevated Installation >10' To 15' Above Floor, Add	*16.49*	
		For Elevated Installation >15' To 20' Above Floor, Add	*32.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*41.22*	
		For Elevated Installation >25' To 30' Above Floor, Add	*57.71*	
		For Elevated Installation >30' To 35' Above Floor, Add	*65.95*	
		For Elevated Installation >35' To 40' Above Floor, Add	*82.44*	
		For Elevated Installation >40' Above Floor, Add	*90.68*	
26 05 33 13-0116	EA	4" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	377.10	107.33
		For Work In Restricted Working Space, Add	*64.40*	
		For Elevated Installation >10' To 15' Above Floor, Add	*21.47*	
		For Elevated Installation >15' To 20' Above Floor, Add	*42.93*	
		For Elevated Installation >20' To 25' Above Floor, Add	*53.66*	
		For Elevated Installation >25' To 30' Above Floor, Add	*75.13*	
		For Elevated Installation >30' To 35' Above Floor, Add	*85.86*	
		For Elevated Installation >35' To 40' Above Floor, Add	*107.33*	
		For Elevated Installation >40' Above Floor, Add	*118.06*	

26 05 33 13-0117 Rigid Galvanized Steel (RGS) 24" Large Radius Elbow *(26 05 33 13-0060)*

See CSI section 26 05 33 13-1358 for conduit field bending.

26 05 33 13-0118	EA	1" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	106.03	29.55
		For Work In Restricted Working Space, Add	*17.73*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.91*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.82*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.78*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.69*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.64*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.56*	
		For Elevated Installation >40' Above Floor, Add	*32.51*	
26 05 33 13-0119	EA	1-1/4" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	119.88	34.22
		For Work In Restricted Working Space, Add	*20.53*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.84*	
		For Elevated Installation >15' To 20' Above Floor, Add	*13.69*	
		For Elevated Installation >20' To 25' Above Floor, Add	*17.11*	
		For Elevated Installation >25' To 30' Above Floor, Add	*23.95*	
		For Elevated Installation >30' To 35' Above Floor, Add	*27.38*	
		For Elevated Installation >35' To 40' Above Floor, Add	*34.22*	
		For Elevated Installation >40' Above Floor, Add	*37.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0120	EA	1-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	133.10	38.89
		For Work In Restricted Working Space, Add	*23.33*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.78*	
		For Elevated Installation >15' To 20' Above Floor, Add	*15.55*	
		For Elevated Installation >20' To 25' Above Floor, Add	*19.44*	
		For Elevated Installation >25' To 30' Above Floor, Add	*27.22*	
		For Elevated Installation >30' To 35' Above Floor, Add	*31.11*	
		For Elevated Installation >35' To 40' Above Floor, Add	*38.89*	
		For Elevated Installation >40' Above Floor, Add	*42.77*	
26 05 33 13-0121	EA	2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	157.83	42.78
		For Work In Restricted Working Space, Add	*25.67*	
		For Elevated Installation >10' To 15' Above Floor, Add	*8.56*	
		For Elevated Installation >15' To 20' Above Floor, Add	*17.11*	
		For Elevated Installation >20' To 25' Above Floor, Add	*21.39*	
		For Elevated Installation >25' To 30' Above Floor, Add	*29.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*34.22*	
		For Elevated Installation >35' To 40' Above Floor, Add	*42.78*	
		For Elevated Installation >40' Above Floor, Add	*47.05*	
26 05 33 13-0122	EA	2-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	205.83	53.67
		For Work In Restricted Working Space, Add	*32.20*	
		For Elevated Installation >10' To 15' Above Floor, Add	*10.73*	
		For Elevated Installation >15' To 20' Above Floor, Add	*21.47*	
		For Elevated Installation >20' To 25' Above Floor, Add	*26.83*	
		For Elevated Installation >25' To 30' Above Floor, Add	*37.57*	
		For Elevated Installation >30' To 35' Above Floor, Add	*42.93*	
		For Elevated Installation >35' To 40' Above Floor, Add	*53.67*	
		For Elevated Installation >40' Above Floor, Add	*59.03*	
26 05 33 13-0123	EA	3" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	275.73	73.11
		For Work In Restricted Working Space, Add	*43.86*	
		For Elevated Installation >10' To 15' Above Floor, Add	*14.62*	
		For Elevated Installation >15' To 20' Above Floor, Add	*29.24*	
		For Elevated Installation >20' To 25' Above Floor, Add	*36.55*	
		For Elevated Installation >25' To 30' Above Floor, Add	*51.17*	
		For Elevated Installation >30' To 35' Above Floor, Add	*58.48*	
		For Elevated Installation >35' To 40' Above Floor, Add	*73.11*	
		For Elevated Installation >40' Above Floor, Add	*80.42*	
26 05 33 13-0124	EA	3-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	336.19	82.44
		For Work In Restricted Working Space, Add	*49.46*	
		For Elevated Installation >10' To 15' Above Floor, Add	*16.49*	
		For Elevated Installation >15' To 20' Above Floor, Add	*32.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*41.22*	
		For Elevated Installation >25' To 30' Above Floor, Add	*57.71*	
		For Elevated Installation >30' To 35' Above Floor, Add	*65.95*	
		For Elevated Installation >35' To 40' Above Floor, Add	*82.44*	
		For Elevated Installation >40' Above Floor, Add	*90.68*	
26 05 33 13-0125	EA	4" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	397.77	107.33
		For Work In Restricted Working Space, Add	*64.40*	
		For Elevated Installation >10' To 15' Above Floor, Add	*21.47*	
		For Elevated Installation >15' To 20' Above Floor, Add	*42.93*	
		For Elevated Installation >20' To 25' Above Floor, Add	*53.66*	
		For Elevated Installation >25' To 30' Above Floor, Add	*75.13*	
		For Elevated Installation >30' To 35' Above Floor, Add	*85.86*	
		For Elevated Installation >35' To 40' Above Floor, Add	*107.33*	
		For Elevated Installation >40' Above Floor, Add	*118.06*	

26 05 33 13-0126 Rigid Galvanized Steel (RGS) 30" Large Radius Elbow *(26 05 33 13-0060)*

See CSI section 26 05 33 13-1358 for conduit field bending.

26 05 33 13-0127	EA	1" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	105.33	29.55
		For Work In Restricted Working Space, Add	*17.73*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.91*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.82*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.78*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.69*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.64*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.56*	
		For Elevated Installation >40' Above Floor, Add	*32.51*	
26 05 33 13-0128	EA	1-1/4" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	128.28	34.22
		For Work In Restricted Working Space, Add	*20.53*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.84*	
		For Elevated Installation >15' To 20' Above Floor, Add	*13.69*	
		For Elevated Installation >20' To 25' Above Floor, Add	*17.11*	
		For Elevated Installation >25' To 30' Above Floor, Add	*23.95*	
		For Elevated Installation >30' To 35' Above Floor, Add	*27.38*	
		For Elevated Installation >35' To 40' Above Floor, Add	*34.22*	
		For Elevated Installation >40' Above Floor, Add	*37.64*	
26 05 33 13-0129	EA	1-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	142.20	38.89
		For Work In Restricted Working Space, Add	*23.33*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.78*	
		For Elevated Installation >15' To 20' Above Floor, Add	*15.55*	
		For Elevated Installation >20' To 25' Above Floor, Add	*19.44*	
		For Elevated Installation >25' To 30' Above Floor, Add	*27.22*	
		For Elevated Installation >30' To 35' Above Floor, Add	*31.11*	
		For Elevated Installation >35' To 40' Above Floor, Add	*38.89*	
		For Elevated Installation >40' Above Floor, Add	*42.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0130	EA	2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	169.72	42.78
		For Work In Restricted Working Space, Add	*25.67*	
		For Elevated Installation >10' To 15' Above Floor, Add	*8.56*	
		For Elevated Installation >15' To 20' Above Floor, Add	*17.11*	
		For Elevated Installation >20' To 25' Above Floor, Add	*21.39*	
		For Elevated Installation >25' To 30' Above Floor, Add	*29.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*34.22*	
		For Elevated Installation >35' To 40' Above Floor, Add	*42.78*	
		For Elevated Installation >40' Above Floor, Add	*47.05*	
26 05 33 13-0131	EA	2-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	222.15	53.67
		For Work In Restricted Working Space, Add	*32.20*	
		For Elevated Installation >10' To 15' Above Floor, Add	*10.73*	
		For Elevated Installation >15' To 20' Above Floor, Add	*21.47*	
		For Elevated Installation >20' To 25' Above Floor, Add	*26.83*	
		For Elevated Installation >25' To 30' Above Floor, Add	*37.57*	
		For Elevated Installation >30' To 35' Above Floor, Add	*42.93*	
		For Elevated Installation >35' To 40' Above Floor, Add	*53.67*	
		For Elevated Installation >40' Above Floor, Add	*59.03*	
26 05 33 13-0132	EA	3" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	296.79	73.11
		For Work In Restricted Working Space, Add	*43.86*	
		For Elevated Installation >10' To 15' Above Floor, Add	*14.62*	
		For Elevated Installation >15' To 20' Above Floor, Add	*29.24*	
		For Elevated Installation >20' To 25' Above Floor, Add	*36.55*	
		For Elevated Installation >25' To 30' Above Floor, Add	*51.17*	
		For Elevated Installation >30' To 35' Above Floor, Add	*58.48*	
		For Elevated Installation >35' To 40' Above Floor, Add	*73.11*	
		For Elevated Installation >40' Above Floor, Add	*80.42*	
26 05 33 13-0133	EA	3-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	361.82	82.44
		For Work In Restricted Working Space, Add	*49.46*	
		For Elevated Installation >10' To 15' Above Floor, Add	*16.49*	
		For Elevated Installation >15' To 20' Above Floor, Add	*32.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*41.22*	
		For Elevated Installation >25' To 30' Above Floor, Add	*57.71*	
		For Elevated Installation >30' To 35' Above Floor, Add	*65.95*	
		For Elevated Installation >35' To 40' Above Floor, Add	*82.44*	
		For Elevated Installation >40' Above Floor, Add	*90.68*	
26 05 33 13-0134	EA	4" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	435.70	107.33
		For Work In Restricted Working Space, Add	*64.40*	
		For Elevated Installation >10' To 15' Above Floor, Add	*21.47*	
		For Elevated Installation >15' To 20' Above Floor, Add	*42.93*	
		For Elevated Installation >20' To 25' Above Floor, Add	*53.66*	
		For Elevated Installation >25' To 30' Above Floor, Add	*75.13*	
		For Elevated Installation >30' To 35' Above Floor, Add	*85.86*	
		For Elevated Installation >35' To 40' Above Floor, Add	*107.33*	
		For Elevated Installation >40' Above Floor, Add	*118.06*	
26 05 33 13-0135	EA	5" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	633.91	174.99
		For Work In Restricted Working Space, Add	*104.99*	
		For Elevated Installation >10' To 15' Above Floor, Add	*35.00*	
		For Elevated Installation >15' To 20' Above Floor, Add	*70.00*	
		For Elevated Installation >20' To 25' Above Floor, Add	*87.50*	
		For Elevated Installation >25' To 30' Above Floor, Add	*122.49*	
		For Elevated Installation >30' To 35' Above Floor, Add	*139.99*	
		For Elevated Installation >35' To 40' Above Floor, Add	*174.99*	
		For Elevated Installation >40' Above Floor, Add	*192.49*	

26 05 33 13-0136 Rigid Galvanized Steel (RGS) 36" Large Radius Elbow *(26 05 33 13-0060)*

See CSI section 26 05 33 13-1358 for conduit field bending.

26 05 33 13-0137	EA	1" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	111.48	29.55
		For Work In Restricted Working Space, Add	*17.73*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.91*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.82*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.78*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.69*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.64*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.56*	
		For Elevated Installation >40' Above Floor, Add	*32.51*	
26 05 33 13-0138	EA	1-1/4" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	132.42	34.22
		For Work In Restricted Working Space, Add	*20.53*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.84*	
		For Elevated Installation >15' To 20' Above Floor, Add	*13.69*	
		For Elevated Installation >20' To 25' Above Floor, Add	*17.11*	
		For Elevated Installation >25' To 30' Above Floor, Add	*23.95*	
		For Elevated Installation >30' To 35' Above Floor, Add	*27.38*	
		For Elevated Installation >35' To 40' Above Floor, Add	*34.22*	
		For Elevated Installation >40' Above Floor, Add	*37.64*	
26 05 33 13-0139	EA	1-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	158.13	38.89
		For Work In Restricted Working Space, Add	*23.33*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.78*	
		For Elevated Installation >15' To 20' Above Floor, Add	*15.55*	
		For Elevated Installation >20' To 25' Above Floor, Add	*19.44*	
		For Elevated Installation >25' To 30' Above Floor, Add	*27.22*	
		For Elevated Installation >30' To 35' Above Floor, Add	*31.11*	
		For Elevated Installation >35' To 40' Above Floor, Add	*38.89*	
		For Elevated Installation >40' Above Floor, Add	*42.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0140	EA	2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	179.00	42.78
		For Work In Restricted Working Space, Add	*25.67*	
		For Elevated Installation >10' To 15' Above Floor, Add	*8.56*	
		For Elevated Installation >15' To 20' Above Floor, Add	*17.11*	
		For Elevated Installation >20' To 25' Above Floor, Add	*21.39*	
		For Elevated Installation >25' To 30' Above Floor, Add	*29.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*34.22*	
		For Elevated Installation >35' To 40' Above Floor, Add	*42.78*	
		For Elevated Installation >40' Above Floor, Add	*47.05*	
26 05 33 13-0141	EA	2-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	241.50	53.67
		For Work In Restricted Working Space, Add	*32.20*	
		For Elevated Installation >10' To 15' Above Floor, Add	*10.73*	
		For Elevated Installation >15' To 20' Above Floor, Add	*21.47*	
		For Elevated Installation >20' To 25' Above Floor, Add	*26.83*	
		For Elevated Installation >25' To 30' Above Floor, Add	*37.57*	
		For Elevated Installation >30' To 35' Above Floor, Add	*42.93*	
		For Elevated Installation >35' To 40' Above Floor, Add	*53.67*	
		For Elevated Installation >40' Above Floor, Add	*59.03*	
26 05 33 13-0142	EA	3" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	314.80	73.11
		For Work In Restricted Working Space, Add	*43.86*	
		For Elevated Installation >10' To 15' Above Floor, Add	*14.62*	
		For Elevated Installation >15' To 20' Above Floor, Add	*29.24*	
		For Elevated Installation >20' To 25' Above Floor, Add	*36.55*	
		For Elevated Installation >25' To 30' Above Floor, Add	*51.17*	
		For Elevated Installation >30' To 35' Above Floor, Add	*58.48*	
		For Elevated Installation >35' To 40' Above Floor, Add	*73.11*	
		For Elevated Installation >40' Above Floor, Add	*80.42*	
26 05 33 13-0143	EA	3-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	394.92	82.44
		For Work In Restricted Working Space, Add	*49.46*	
		For Elevated Installation >10' To 15' Above Floor, Add	*16.49*	
		For Elevated Installation >15' To 20' Above Floor, Add	*32.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*41.22*	
		For Elevated Installation >25' To 30' Above Floor, Add	*57.71*	
		For Elevated Installation >30' To 35' Above Floor, Add	*65.95*	
		For Elevated Installation >35' To 40' Above Floor, Add	*82.44*	
		For Elevated Installation >40' Above Floor, Add	*90.68*	
26 05 33 13-0144	EA	4" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	453.55	107.33
		For Work In Restricted Working Space, Add	*64.40*	
		For Elevated Installation >10' To 15' Above Floor, Add	*21.47*	
		For Elevated Installation >15' To 20' Above Floor, Add	*42.93*	
		For Elevated Installation >20' To 25' Above Floor, Add	*53.66*	
		For Elevated Installation >25' To 30' Above Floor, Add	*75.13*	
		For Elevated Installation >30' To 35' Above Floor, Add	*85.86*	
		For Elevated Installation >35' To 40' Above Floor, Add	*107.33*	
		For Elevated Installation >40' Above Floor, Add	*118.06*	
26 05 33 13-0145	EA	5" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	779.52	174.99
		For Work In Restricted Working Space, Add	*104.99*	
		For Elevated Installation >10' To 15' Above Floor, Add	*35.00*	
		For Elevated Installation >15' To 20' Above Floor, Add	*70.00*	
		For Elevated Installation >20' To 25' Above Floor, Add	*87.50*	
		For Elevated Installation >25' To 30' Above Floor, Add	*122.49*	
		For Elevated Installation >30' To 35' Above Floor, Add	*139.99*	
		For Elevated Installation >35' To 40' Above Floor, Add	*174.99*	
		For Elevated Installation >40' Above Floor, Add	*192.49*	
26 05 33 13-0146	EA	6" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	997.66	262.88
		For Work In Restricted Working Space, Add	*157.73*	
		For Elevated Installation >10' To 15' Above Floor, Add	*52.58*	
		For Elevated Installation >15' To 20' Above Floor, Add	*105.15*	
		For Elevated Installation >20' To 25' Above Floor, Add	*131.44*	
		For Elevated Installation >25' To 30' Above Floor, Add	*184.02*	
		For Elevated Installation >30' To 35' Above Floor, Add	*210.30*	
		For Elevated Installation >35' To 40' Above Floor, Add	*262.88*	
		For Elevated Installation >40' Above Floor, Add	*289.17*	

26 05 33 13-0147 Rigid Galvanized Steel (RGS) 42" Large Radius Elbow *(26 05 33 13-0060)*

See CSI section 26 05 33 13-1358 for conduit field bending.

26 05 33 13-0148	EA	1" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	120.49	29.55
		For Work In Restricted Working Space, Add	*17.73*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.91*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.82*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.78*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.69*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.64*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.56*	
		For Elevated Installation >40' Above Floor, Add	*32.51*	
26 05 33 13-0149	EA	1-1/4" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	143.42	34.22
		For Work In Restricted Working Space, Add	*20.53*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.84*	
		For Elevated Installation >15' To 20' Above Floor, Add	*13.69*	
		For Elevated Installation >20' To 25' Above Floor, Add	*17.11*	
		For Elevated Installation >25' To 30' Above Floor, Add	*23.95*	
		For Elevated Installation >30' To 35' Above Floor, Add	*27.38*	
		For Elevated Installation >35' To 40' Above Floor, Add	*34.22*	
		For Elevated Installation >40' Above Floor, Add	*37.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0150	EA	1-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	169.83	38.89
		For Work In Restricted Working Space, Add	*23.33*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.78*	
		For Elevated Installation >15' To 20' Above Floor, Add	*15.55*	
		For Elevated Installation >20' To 25' Above Floor, Add	*19.44*	
		For Elevated Installation >25' To 30' Above Floor, Add	*27.22*	
		For Elevated Installation >30' To 35' Above Floor, Add	*31.11*	
		For Elevated Installation >35' To 40' Above Floor, Add	*38.89*	
		For Elevated Installation >40' Above Floor, Add	*42.77*	
26 05 33 13-0151	EA	2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	191.23	42.78
		For Work In Restricted Working Space, Add	*25.67*	
		For Elevated Installation >10' To 15' Above Floor, Add	*8.56*	
		For Elevated Installation >15' To 20' Above Floor, Add	*17.11*	
		For Elevated Installation >20' To 25' Above Floor, Add	*21.39*	
		For Elevated Installation >25' To 30' Above Floor, Add	*29.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*34.22*	
		For Elevated Installation >35' To 40' Above Floor, Add	*42.78*	
		For Elevated Installation >40' Above Floor, Add	*47.05*	
26 05 33 13-0152	EA	2-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	256.30	53.67
		For Work In Restricted Working Space, Add	*32.20*	
		For Elevated Installation >10' To 15' Above Floor, Add	*10.73*	
		For Elevated Installation >15' To 20' Above Floor, Add	*21.47*	
		For Elevated Installation >20' To 25' Above Floor, Add	*26.83*	
		For Elevated Installation >25' To 30' Above Floor, Add	*37.57*	
		For Elevated Installation >30' To 35' Above Floor, Add	*42.93*	
		For Elevated Installation >35' To 40' Above Floor, Add	*53.67*	
		For Elevated Installation >40' Above Floor, Add	*59.03*	
26 05 33 13-0153	EA	3" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	341.18	73.11
		For Work In Restricted Working Space, Add	*43.86*	
		For Elevated Installation >10' To 15' Above Floor, Add	*14.62*	
		For Elevated Installation >15' To 20' Above Floor, Add	*29.24*	
		For Elevated Installation >20' To 25' Above Floor, Add	*36.55*	
		For Elevated Installation >25' To 30' Above Floor, Add	*51.17*	
		For Elevated Installation >30' To 35' Above Floor, Add	*58.48*	
		For Elevated Installation >35' To 40' Above Floor, Add	*73.11*	
		For Elevated Installation >40' Above Floor, Add	*80.42*	
26 05 33 13-0154	EA	3-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	421.38	82.44
		For Work In Restricted Working Space, Add	*49.46*	
		For Elevated Installation >10' To 15' Above Floor, Add	*16.49*	
		For Elevated Installation >15' To 20' Above Floor, Add	*32.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*41.22*	
		For Elevated Installation >25' To 30' Above Floor, Add	*57.71*	
		For Elevated Installation >30' To 35' Above Floor, Add	*65.95*	
		For Elevated Installation >35' To 40' Above Floor, Add	*82.44*	
		For Elevated Installation >40' Above Floor, Add	*90.68*	
26 05 33 13-0155	EA	4" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	529.69	107.33
		For Work In Restricted Working Space, Add	*64.40*	
		For Elevated Installation >10' To 15' Above Floor, Add	*21.47*	
		For Elevated Installation >15' To 20' Above Floor, Add	*42.93*	
		For Elevated Installation >20' To 25' Above Floor, Add	*53.66*	
		For Elevated Installation >25' To 30' Above Floor, Add	*75.13*	
		For Elevated Installation >30' To 35' Above Floor, Add	*85.86*	
		For Elevated Installation >35' To 40' Above Floor, Add	*107.33*	
		For Elevated Installation >40' Above Floor, Add	*118.06*	
26 05 33 13-0156	EA	5" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	884.56	174.99
		For Work In Restricted Working Space, Add	*104.99*	
		For Elevated Installation >10' To 15' Above Floor, Add	*35.00*	
		For Elevated Installation >15' To 20' Above Floor, Add	*70.00*	
		For Elevated Installation >20' To 25' Above Floor, Add	*87.50*	
		For Elevated Installation >25' To 30' Above Floor, Add	*122.49*	
		For Elevated Installation >30' To 35' Above Floor, Add	*139.99*	
		For Elevated Installation >35' To 40' Above Floor, Add	*174.99*	
		For Elevated Installation >40' Above Floor, Add	*192.49*	
26 05 33 13-0157	EA	6" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	1,088.62	262.88
		For Work In Restricted Working Space, Add	*157.73*	
		For Elevated Installation >10' To 15' Above Floor, Add	*52.58*	
		For Elevated Installation >15' To 20' Above Floor, Add	*105.15*	
		For Elevated Installation >20' To 25' Above Floor, Add	*131.44*	
		For Elevated Installation >25' To 30' Above Floor, Add	*184.02*	
		For Elevated Installation >30' To 35' Above Floor, Add	*210.30*	
		For Elevated Installation >35' To 40' Above Floor, Add	*262.88*	
		For Elevated Installation >40' Above Floor, Add	*289.17*	

26 05 33 13-0158 Rigid Galvanized Steel (RGS) 48" Large Radius Elbow *(26 05 33 13-0060)*

See CSI section 26 05 33 13-1358 for conduit field bending.

26 05 33 13-0159	EA	1" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	127.99	29.55
		For Work In Restricted Working Space, Add	*17.73*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.91*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.82*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.78*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.69*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.64*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.56*	
		For Elevated Installation >40' Above Floor, Add	*32.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0160	EA	1-1/4" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	151.90	34.22
		For Work In Restricted Working Space, Add	*20.53*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.84*	
		For Elevated Installation >15' To 20' Above Floor, Add	*13.69*	
		For Elevated Installation >20' To 25' Above Floor, Add	*17.11*	
		For Elevated Installation >25' To 30' Above Floor, Add	*23.95*	
		For Elevated Installation >30' To 35' Above Floor, Add	*27.38*	
		For Elevated Installation >35' To 40' Above Floor, Add	*34.22*	
		For Elevated Installation >40' Above Floor, Add	*37.64*	
26 05 33 13-0161	EA	1-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	177.22	38.89
		For Work In Restricted Working Space, Add	*23.33*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.78*	
		For Elevated Installation >15' To 20' Above Floor, Add	*15.55*	
		For Elevated Installation >20' To 25' Above Floor, Add	*19.44*	
		For Elevated Installation >25' To 30' Above Floor, Add	*27.22*	
		For Elevated Installation >30' To 35' Above Floor, Add	*31.11*	
		For Elevated Installation >35' To 40' Above Floor, Add	*38.89*	
		For Elevated Installation >40' Above Floor, Add	*42.77*	
26 05 33 13-0162	EA	2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	214.07	42.78
		For Work In Restricted Working Space, Add	*25.67*	
		For Elevated Installation >10' To 15' Above Floor, Add	*8.56*	
		For Elevated Installation >15' To 20' Above Floor, Add	*17.11*	
		For Elevated Installation >20' To 25' Above Floor, Add	*21.39*	
		For Elevated Installation >25' To 30' Above Floor, Add	*29.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*34.22*	
		For Elevated Installation >35' To 40' Above Floor, Add	*42.78*	
		For Elevated Installation >40' Above Floor, Add	*47.05*	
26 05 33 13-0163	EA	2-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	283.60	53.67
		For Work In Restricted Working Space, Add	*32.20*	
		For Elevated Installation >10' To 15' Above Floor, Add	*10.73*	
		For Elevated Installation >15' To 20' Above Floor, Add	*21.47*	
		For Elevated Installation >20' To 25' Above Floor, Add	*26.83*	
		For Elevated Installation >25' To 30' Above Floor, Add	*37.57*	
		For Elevated Installation >30' To 35' Above Floor, Add	*42.93*	
		For Elevated Installation >35' To 40' Above Floor, Add	*53.67*	
		For Elevated Installation >40' Above Floor, Add	*59.03*	
26 05 33 13-0164	EA	3" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	367.77	73.11
		For Work In Restricted Working Space, Add	*43.86*	
		For Elevated Installation >10' To 15' Above Floor, Add	*14.62*	
		For Elevated Installation >15' To 20' Above Floor, Add	*29.24*	
		For Elevated Installation >20' To 25' Above Floor, Add	*36.55*	
		For Elevated Installation >25' To 30' Above Floor, Add	*51.17*	
		For Elevated Installation >30' To 35' Above Floor, Add	*58.48*	
		For Elevated Installation >35' To 40' Above Floor, Add	*73.11*	
		For Elevated Installation >40' Above Floor, Add	*80.42*	
26 05 33 13-0165	EA	3-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	454.65	82.44
		For Work In Restricted Working Space, Add	*49.46*	
		For Elevated Installation >10' To 15' Above Floor, Add	*16.49*	
		For Elevated Installation >15' To 20' Above Floor, Add	*32.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*41.22*	
		For Elevated Installation >25' To 30' Above Floor, Add	*57.71*	
		For Elevated Installation >30' To 35' Above Floor, Add	*65.95*	
		For Elevated Installation >35' To 40' Above Floor, Add	*82.44*	
		For Elevated Installation >40' Above Floor, Add	*90.68*	
26 05 33 13-0166	EA	4" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	570.11	107.33
		For Work In Restricted Working Space, Add	*64.40*	
		For Elevated Installation >10' To 15' Above Floor, Add	*21.47*	
		For Elevated Installation >15' To 20' Above Floor, Add	*42.93*	
		For Elevated Installation >20' To 25' Above Floor, Add	*53.66*	
		For Elevated Installation >25' To 30' Above Floor, Add	*75.13*	
		For Elevated Installation >30' To 35' Above Floor, Add	*85.86*	
		For Elevated Installation >35' To 40' Above Floor, Add	*107.33*	
		For Elevated Installation >40' Above Floor, Add	*118.06*	
26 05 33 13-0167	EA	5" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	917.45	174.99
		For Work In Restricted Working Space, Add	*104.99*	
		For Elevated Installation >10' To 15' Above Floor, Add	*35.00*	
		For Elevated Installation >15' To 20' Above Floor, Add	*70.00*	
		For Elevated Installation >20' To 25' Above Floor, Add	*87.50*	
		For Elevated Installation >25' To 30' Above Floor, Add	*122.49*	
		For Elevated Installation >30' To 35' Above Floor, Add	*139.99*	
		For Elevated Installation >35' To 40' Above Floor, Add	*174.99*	
		For Elevated Installation >40' Above Floor, Add	*192.49*	
26 05 33 13-0168	EA	6" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	1,107.02	262.88
		For Work In Restricted Working Space, Add	*157.73*	
		For Elevated Installation >10' To 15' Above Floor, Add	*52.58*	
		For Elevated Installation >15' To 20' Above Floor, Add	*105.15*	
		For Elevated Installation >20' To 25' Above Floor, Add	*131.44*	
		For Elevated Installation >25' To 30' Above Floor, Add	*184.02*	
		For Elevated Installation >30' To 35' Above Floor, Add	*210.30*	
		For Elevated Installation >35' To 40' Above Floor, Add	*262.88*	
		For Elevated Installation >40' Above Floor, Add	*289.17*	

26 05 33 13-0169 Rigid Galvanized Steel (RGS) Plastic Insulating Bushing *(26 05 33 13-0060)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0170	EA	1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	15.67	7.63
		For Work In Restricted Working Space, Add	*4.58*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.53*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.05*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.82*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.34*	
		For Elevated Installation >30' To 35' Above Floor, Add	*6.10*	
		For Elevated Installation >35' To 40' Above Floor, Add	*7.63*	
		For Elevated Installation >40' Above Floor, Add	*8.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.58*	
26 05 33 13-0171	EA	3/4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	16.81	8.14
		For Work In Restricted Working Space, Add	*4.88*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.63*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.25*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.07*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.69*	
		For Elevated Installation >30' To 35' Above Floor, Add	*6.51*	
		For Elevated Installation >35' To 40' Above Floor, Add	*8.14*	
		For Elevated Installation >40' Above Floor, Add	*8.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.88*	
26 05 33 13-0172	EA	1" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	19.11	9.15
		For Work In Restricted Working Space, Add	*5.49*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.83*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.66*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.58*	
		For Elevated Installation >25' To 30' Above Floor, Add	*6.41*	
		For Elevated Installation >30' To 35' Above Floor, Add	*7.32*	
		For Elevated Installation >35' To 40' Above Floor, Add	*9.15*	
		For Elevated Installation >40' Above Floor, Add	*10.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.49*	
26 05 33 13-0173	EA	1-1/4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	21.52	10.17
		For Work In Restricted Working Space, Add	*6.10*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.03*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.07*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.09*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.12*	
		For Elevated Installation >30' To 35' Above Floor, Add	*8.14*	
		For Elevated Installation >35' To 40' Above Floor, Add	*10.17*	
		For Elevated Installation >40' Above Floor, Add	*11.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.10*	
26 05 33 13-0174	EA	1-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	27.04	12.71
		For Work In Restricted Working Space, Add	*7.63*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.54*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.09*	
		For Elevated Installation >20' To 25' Above Floor, Add	*6.36*	
		For Elevated Installation >25' To 30' Above Floor, Add	*8.90*	
		For Elevated Installation >30' To 35' Above Floor, Add	*10.17*	
		For Elevated Installation >35' To 40' Above Floor, Add	*12.72*	
		For Elevated Installation >40' Above Floor, Add	*13.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.63*	
26 05 33 13-0175	EA	2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	33.50	15.26
		For Work In Restricted Working Space, Add	*9.15*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.05*	
		For Elevated Installation >15' To 20' Above Floor, Add	*6.10*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.63*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.68*	
		For Elevated Installation >30' To 35' Above Floor, Add	*12.20*	
		For Elevated Installation >35' To 40' Above Floor, Add	*15.26*	
		For Elevated Installation >40' Above Floor, Add	*16.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.15*	
26 05 33 13-0176	EA	2-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	42.19	17.80
		For Work In Restricted Working Space, Add	*10.68*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.56*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.12*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.90*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.46*	
		For Elevated Installation >30' To 35' Above Floor, Add	*14.24*	
		For Elevated Installation >35' To 40' Above Floor, Add	*17.80*	
		For Elevated Installation >40' Above Floor, Add	*19.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.68*	
26 05 33 13-0177	EA	3" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	47.65	20.34
		For Work In Restricted Working Space, Add	*12.21*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.07*	
		For Elevated Installation >15' To 20' Above Floor, Add	*8.14*	
		For Elevated Installation >20' To 25' Above Floor, Add	*10.17*	
		For Elevated Installation >25' To 30' Above Floor, Add	*14.24*	
		For Elevated Installation >30' To 35' Above Floor, Add	*16.28*	
		For Elevated Installation >35' To 40' Above Floor, Add	*20.35*	
		For Elevated Installation >40' Above Floor, Add	*22.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0178	EA	3-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	55.43	19.14
		For Work In Restricted Working Space, Add	*13.73*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.58*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.15*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.44*	
		For Elevated Installation >25' To 30' Above Floor, Add	*16.02*	
		For Elevated Installation >30' To 35' Above Floor, Add	*18.31*	
		For Elevated Installation >35' To 40' Above Floor, Add	*22.89*	
		For Elevated Installation >40' Above Floor, Add	*25.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.73*	
26 05 33 13-0179	EA	4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	61.50	25.43
		For Work In Restricted Working Space, Add	*15.26*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.09*	
		For Elevated Installation >15' To 20' Above Floor, Add	*10.17*	
		For Elevated Installation >20' To 25' Above Floor, Add	*12.71*	
		For Elevated Installation >25' To 30' Above Floor, Add	*17.80*	
		For Elevated Installation >30' To 35' Above Floor, Add	*20.34*	
		For Elevated Installation >35' To 40' Above Floor, Add	*25.43*	
		For Elevated Installation >40' Above Floor, Add	*27.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.26*	
26 05 33 13-0180		**Rigid Galvanized Steel (RGS) Steel Bushing** *(26 05 33 13-0060)*		
26 05 33 13-0181	EA	1/2" Rigid Galvanized Steel (RGS) Steel Bushing	18.96	8.97
		For Work In Restricted Working Space, Add	*5.39*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.80*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.59*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.49*	
		For Elevated Installation >25' To 30' Above Floor, Add	*6.28*	
		For Elevated Installation >30' To 35' Above Floor, Add	*7.18*	
		For Elevated Installation >35' To 40' Above Floor, Add	*8.98*	
		For Elevated Installation >40' Above Floor, Add	*9.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.39*	
26 05 33 13-0182	EA	3/4" Rigid Galvanized Steel (RGS) Steel Bushing	20.61	9.57
		For Work In Restricted Working Space, Add	*5.74*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.91*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.83*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.79*	
		For Elevated Installation >25' To 30' Above Floor, Add	*6.70*	
		For Elevated Installation >30' To 35' Above Floor, Add	*7.66*	
		For Elevated Installation >35' To 40' Above Floor, Add	*9.57*	
		For Elevated Installation >40' Above Floor, Add	*10.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.74*	
26 05 33 13-0183	EA	1" Rigid Galvanized Steel (RGS) Steel Bushing	24.10	10.77
		For Work In Restricted Working Space, Add	*6.46*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.15*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.31*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.39*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.54*	
		For Elevated Installation >30' To 35' Above Floor, Add	*8.62*	
		For Elevated Installation >35' To 40' Above Floor, Add	*10.77*	
		For Elevated Installation >40' Above Floor, Add	*11.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.46*	
26 05 33 13-0184	EA	1-1/4" Rigid Galvanized Steel (RGS) Steel Bushing	27.09	11.97
		For Work In Restricted Working Space, Add	*7.18*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.39*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.79*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.98*	
		For Elevated Installation >25' To 30' Above Floor, Add	*8.38*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.57*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.97*	
		For Elevated Installation >40' Above Floor, Add	*13.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.18*	
26 05 33 13-0185	EA	1-1/2" Rigid Galvanized Steel (RGS) Steel Bushing	34.59	14.96
		For Work In Restricted Working Space, Add	*8.97*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.99*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.48*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.47*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.96*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.96*	
		For Elevated Installation >40' Above Floor, Add	*16.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.97*	
26 05 33 13-0186	EA	2" Rigid Galvanized Steel (RGS) Steel Bushing	40.92	17.95
		For Work In Restricted Working Space, Add	*10.77*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.59*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.18*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.56*	
		For Elevated Installation >30' To 35' Above Floor, Add	*14.36*	
		For Elevated Installation >35' To 40' Above Floor, Add	*17.95*	
		For Elevated Installation >40' Above Floor, Add	*19.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0187	EA	2-1/2" Rigid Galvanized Steel (RGS) Steel Bushing	57.68	20.94
		For Work In Restricted Working Space, Add	*12.56*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.19*	
		For Elevated Installation >15' To 20' Above Floor, Add	*8.38*	
		For Elevated Installation >20' To 25' Above Floor, Add	*10.47*	
		For Elevated Installation >25' To 30' Above Floor, Add	*14.66*	
		For Elevated Installation >30' To 35' Above Floor, Add	*16.75*	
		For Elevated Installation >35' To 40' Above Floor, Add	*20.94*	
		For Elevated Installation >40' Above Floor, Add	*23.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.56*	
26 05 33 13-0188	EA	3" Rigid Galvanized Steel (RGS) Steel Bushing	68.59	23.93
		For Work In Restricted Working Space, Add	*14.36*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.57*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*16.75*	
		For Elevated Installation >30' To 35' Above Floor, Add	*19.14*	
		For Elevated Installation >35' To 40' Above Floor, Add	*23.93*	
		For Elevated Installation >40' Above Floor, Add	*26.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.36*	
26 05 33 13-0189	EA	3-1/2" Rigid Galvanized Steel (RGS) Steel Bushing	102.26	26.92
		For Work In Restricted Working Space, Add	*16.16*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.39*	
		For Elevated Installation >15' To 20' Above Floor, Add	*10.77*	
		For Elevated Installation >20' To 25' Above Floor, Add	*13.46*	
		For Elevated Installation >25' To 30' Above Floor, Add	*18.85*	
		For Elevated Installation >30' To 35' Above Floor, Add	*21.54*	
		For Elevated Installation >35' To 40' Above Floor, Add	*26.93*	
		For Elevated Installation >40' Above Floor, Add	*29.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.16*	
26 05 33 13-0190	EA	4" Rigid Galvanized Steel (RGS) Steel Bushing	138.34	29.91
		For Work In Restricted Working Space, Add	*17.95*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.98*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.97*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.96*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.93*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.92*	
		For Elevated Installation >40' Above Floor, Add	*32.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.95*	
26 05 33 13-0191	EA	5" Rigid Galvanized Steel (RGS) Steel Bushing	184.89	32.91
		For Work In Restricted Working Space, Add	*19.74*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.58*	
		For Elevated Installation >15' To 20' Above Floor, Add	*13.16*	
		For Elevated Installation >20' To 25' Above Floor, Add	*16.45*	
		For Elevated Installation >25' To 30' Above Floor, Add	*23.03*	
		For Elevated Installation >30' To 35' Above Floor, Add	*26.32*	
		For Elevated Installation >35' To 40' Above Floor, Add	*32.90*	
		For Elevated Installation >40' Above Floor, Add	*36.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.74*	
26 05 33 13-0192	EA	6" Rigid Galvanized Steel (RGS) Steel Bushing	272.79	35.89
		For Work In Restricted Working Space, Add	*21.54*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.18*	
		For Elevated Installation >15' To 20' Above Floor, Add	*14.36*	
		For Elevated Installation >20' To 25' Above Floor, Add	*17.95*	
		For Elevated Installation >25' To 30' Above Floor, Add	*25.13*	
		For Elevated Installation >30' To 35' Above Floor, Add	*28.72*	
		For Elevated Installation >35' To 40' Above Floor, Add	*35.90*	
		For Elevated Installation >40' Above Floor, Add	*39.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.54*	
26 05 33 13-0193		**Rigid Galvanized Steel (RGS) Steel Insulated Bushing** *(26 05 33 13-0060)*		
26 05 33 13-0194	EA	1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	20.15	8.97
		For Work In Restricted Working Space, Add	*5.39*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.80*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.59*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.49*	
		For Elevated Installation >25' To 30' Above Floor, Add	*6.28*	
		For Elevated Installation >30' To 35' Above Floor, Add	*7.18*	
		For Elevated Installation >35' To 40' Above Floor, Add	*8.98*	
		For Elevated Installation >40' Above Floor, Add	*9.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.39*	
26 05 33 13-0195	EA	3/4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	22.41	9.57
		For Work In Restricted Working Space, Add	*5.74*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.91*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.83*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.79*	
		For Elevated Installation >25' To 30' Above Floor, Add	*6.70*	
		For Elevated Installation >30' To 35' Above Floor, Add	*7.66*	
		For Elevated Installation >35' To 40' Above Floor, Add	*9.57*	
		For Elevated Installation >40' Above Floor, Add	*10.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0196	EA	1" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	26.36	10.77
		For Work In Restricted Working Space, Add	*6.46*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.15*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.31*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.39*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.54*	
		For Elevated Installation >30' To 35' Above Floor, Add	*8.62*	
		For Elevated Installation >35' To 40' Above Floor, Add	*10.77*	
		For Elevated Installation >40' Above Floor, Add	*11.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.46*	
26 05 33 13-0197	EA	1-1/4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	30.91	11.97
		For Work In Restricted Working Space, Add	*7.18*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.39*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.79*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.98*	
		For Elevated Installation >25' To 30' Above Floor, Add	*8.38*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.57*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.97*	
		For Elevated Installation >40' Above Floor, Add	*13.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.18*	
26 05 33 13-0198	EA	1-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	38.56	14.96
		For Work In Restricted Working Space, Add	*8.97*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.99*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.48*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.47*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.96*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.96*	
		For Elevated Installation >40' Above Floor, Add	*16.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.97*	
26 05 33 13-0199	EA	2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	47.97	17.95
		For Work In Restricted Working Space, Add	*10.77*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.59*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.18*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.56*	
		For Elevated Installation >30' To 35' Above Floor, Add	*14.36*	
		For Elevated Installation >35' To 40' Above Floor, Add	*17.95*	
		For Elevated Installation >40' Above Floor, Add	*19.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.77*	
26 05 33 13-0200	EA	2-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	67.24	20.94
		For Work In Restricted Working Space, Add	*12.56*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.19*	
		For Elevated Installation >15' To 20' Above Floor, Add	*8.38*	
		For Elevated Installation >20' To 25' Above Floor, Add	*10.47*	
		For Elevated Installation >25' To 30' Above Floor, Add	*14.66*	
		For Elevated Installation >30' To 35' Above Floor, Add	*16.75*	
		For Elevated Installation >35' To 40' Above Floor, Add	*20.94*	
		For Elevated Installation >40' Above Floor, Add	*23.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.56*	
26 05 33 13-0201	EA	3" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	79.80	23.93
		For Work In Restricted Working Space, Add	*14.36*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.57*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*16.75*	
		For Elevated Installation >30' To 35' Above Floor, Add	*19.14*	
		For Elevated Installation >35' To 40' Above Floor, Add	*23.93*	
		For Elevated Installation >40' Above Floor, Add	*26.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.36*	
26 05 33 13-0202	EA	3-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	104.35	26.92
		For Work In Restricted Working Space, Add	*16.16*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.39*	
		For Elevated Installation >15' To 20' Above Floor, Add	*10.77*	
		For Elevated Installation >20' To 25' Above Floor, Add	*13.46*	
		For Elevated Installation >25' To 30' Above Floor, Add	*18.85*	
		For Elevated Installation >30' To 35' Above Floor, Add	*21.54*	
		For Elevated Installation >35' To 40' Above Floor, Add	*26.93*	
		For Elevated Installation >40' Above Floor, Add	*29.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.16*	
26 05 33 13-0203	EA	4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	147.69	29.91
		For Work In Restricted Working Space, Add	*17.95*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.98*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.97*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.96*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.93*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.92*	
		For Elevated Installation >40' Above Floor, Add	*32.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0204	EA	5" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	195.07	32.91
		For Work In Restricted Working Space, Add	*19.74*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.58*	
		For Elevated Installation >15' To 20' Above Floor, Add	*13.16*	
		For Elevated Installation >20' To 25' Above Floor, Add	*16.45*	
		For Elevated Installation >25' To 30' Above Floor, Add	*23.03*	
		For Elevated Installation >30' To 35' Above Floor, Add	*26.32*	
		For Elevated Installation >35' To 40' Above Floor, Add	*32.90*	
		For Elevated Installation >40' Above Floor, Add	*36.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.74*	
26 05 33 13-0205	EA	6" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	276.37	35.89
		For Work In Restricted Working Space, Add	*21.54*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.18*	
		For Elevated Installation >15' To 20' Above Floor, Add	*14.36*	
		For Elevated Installation >20' To 25' Above Floor, Add	*17.95*	
		For Elevated Installation >25' To 30' Above Floor, Add	*25.13*	
		For Elevated Installation >30' To 35' Above Floor, Add	*28.72*	
		For Elevated Installation >35' To 40' Above Floor, Add	*35.90*	
		For Elevated Installation >40' Above Floor, Add	*39.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.54*	

26 05 33 13-0206 Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing *(26 05 33 13-0060)*

26 05 33 13-0207	EA	1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	30.41	10.77
		For Work In Restricted Working Space, Add	*6.46*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.15*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.31*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.39*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.54*	
		For Elevated Installation >30' To 35' Above Floor, Add	*8.62*	
		For Elevated Installation >35' To 40' Above Floor, Add	*10.77*	
		For Elevated Installation >40' Above Floor, Add	*11.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.46*	
26 05 33 13-0208	EA	3/4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	34.06	11.97
		For Work In Restricted Working Space, Add	*7.18*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.39*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.79*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.98*	
		For Elevated Installation >25' To 30' Above Floor, Add	*8.38*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.57*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.97*	
		For Elevated Installation >40' Above Floor, Add	*13.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.18*	
26 05 33 13-0209	EA	1" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	38.95	13.16
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.63*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.26*	
		For Elevated Installation >20' To 25' Above Floor, Add	*6.58*	
		For Elevated Installation >25' To 30' Above Floor, Add	*9.21*	
		For Elevated Installation >30' To 35' Above Floor, Add	*10.53*	
		For Elevated Installation >35' To 40' Above Floor, Add	*13.16*	
		For Elevated Installation >40' Above Floor, Add	*14.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-0210	EA	1-1/4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	46.25	14.96
		For Work In Restricted Working Space, Add	*8.97*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.99*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.48*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.47*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.96*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.96*	
		For Elevated Installation >40' Above Floor, Add	*16.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.97*	
26 05 33 13-0211	EA	1-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	55.96	18.54
		For Work In Restricted Working Space, Add	*11.13*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.71*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.42*	
		For Elevated Installation >20' To 25' Above Floor, Add	*9.28*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.99*	
		For Elevated Installation >30' To 35' Above Floor, Add	*14.84*	
		For Elevated Installation >35' To 40' Above Floor, Add	*18.55*	
		For Elevated Installation >40' Above Floor, Add	*20.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.13*	
26 05 33 13-0212	EA	2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	70.47	22.13
		For Work In Restricted Working Space, Add	*13.28*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.43*	
		For Elevated Installation >15' To 20' Above Floor, Add	*8.85*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.07*	
		For Elevated Installation >25' To 30' Above Floor, Add	*15.49*	
		For Elevated Installation >30' To 35' Above Floor, Add	*17.71*	
		For Elevated Installation >35' To 40' Above Floor, Add	*22.14*	
		For Elevated Installation >40' Above Floor, Add	*24.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0213	EA	2-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	94.25	25.72
		For Work In Restricted Working Space, Add	*15.44*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.15*	
		For Elevated Installation >15' To 20' Above Floor, Add	*10.29*	
		For Elevated Installation >20' To 25' Above Floor, Add	*12.86*	
		For Elevated Installation >25' To 30' Above Floor, Add	*18.01*	
		For Elevated Installation >30' To 35' Above Floor, Add	*20.58*	
		For Elevated Installation >35' To 40' Above Floor, Add	*25.73*	
		For Elevated Installation >40' Above Floor, Add	*28.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.44*	
26 05 33 13-0214	EA	3" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	103.99	29.91
		For Work In Restricted Working Space, Add	*17.95*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.98*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.97*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.96*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.93*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.92*	
		For Elevated Installation >40' Above Floor, Add	*32.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.95*	
26 05 33 13-0215	EA	3-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	117.58	33.50
		For Work In Restricted Working Space, Add	*20.10*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.70*	
		For Elevated Installation >15' To 20' Above Floor, Add	*13.40*	
		For Elevated Installation >20' To 25' Above Floor, Add	*16.75*	
		For Elevated Installation >25' To 30' Above Floor, Add	*23.45*	
		For Elevated Installation >30' To 35' Above Floor, Add	*26.80*	
		For Elevated Installation >35' To 40' Above Floor, Add	*33.51*	
		For Elevated Installation >40' Above Floor, Add	*36.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.10*	
26 05 33 13-0216	EA	4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	151.59	37.10
		For Work In Restricted Working Space, Add	*22.25*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.42*	
		For Elevated Installation >15' To 20' Above Floor, Add	*14.84*	
		For Elevated Installation >20' To 25' Above Floor, Add	*18.55*	
		For Elevated Installation >25' To 30' Above Floor, Add	*25.96*	
		For Elevated Installation >30' To 35' Above Floor, Add	*29.67*	
		For Elevated Installation >35' To 40' Above Floor, Add	*37.09*	
		For Elevated Installation >40' Above Floor, Add	*40.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.25*	
26 05 33 13-0217		**Rigid Galvanized Steel (RGS) Box Connectors With Set Screw** *(26 05 33 13-0060)*		
26 05 33 13-0218	EA	1/2" Rigid Galvanized Steel (RGS) Box Connector With Set Screw	17.76	5.50
		For Work In Restricted Working Space, Add	*4.10*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.37*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.73*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.41*	
		For Elevated Installation >25' To 30' Above Floor, Add	*4.78*	
		For Elevated Installation >30' To 35' Above Floor, Add	*5.46*	
		For Elevated Installation >35' To 40' Above Floor, Add	*6.83*	
		For Elevated Installation >40' Above Floor, Add	*7.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-0219	EA	3/4" Rigid Galvanized Steel (RGS) Box Connector With Set Screw	21.51	6.34
		For Work In Restricted Working Space, Add	*4.74*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.58*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.16*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.95*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.53*	
		For Elevated Installation >30' To 35' Above Floor, Add	*6.32*	
		For Elevated Installation >35' To 40' Above Floor, Add	*7.91*	
		For Elevated Installation >40' Above Floor, Add	*8.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.74*	
26 05 33 13-0220	EA	1" Rigid Galvanized Steel (RGS) Box Connector With Set Screw	28.15	7.66
		For Work In Restricted Working Space, Add	*5.72*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.91*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.81*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.77*	
		For Elevated Installation >25' To 30' Above Floor, Add	*6.67*	
		For Elevated Installation >30' To 35' Above Floor, Add	*7.62*	
		For Elevated Installation >35' To 40' Above Floor, Add	*9.53*	
		For Elevated Installation >40' Above Floor, Add	*10.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.72*	
26 05 33 13-0221	EA	1-1/4" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	41.54	9.45
		For Work In Restricted Working Space, Add	*7.11*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.37*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.74*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.93*	
		For Elevated Installation >25' To 30' Above Floor, Add	*8.30*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.48*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.86*	
		For Elevated Installation >40' Above Floor, Add	*13.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0222	EA	1-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	56.22	12.68
		For Work In Restricted Working Space, Add	*9.52*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.17*	
		For Elevated Installation >15' To 20' Above Floor, Add	*6.35*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.94*	
		For Elevated Installation >25' To 30' Above Floor, Add	*11.11*	
		For Elevated Installation >30' To 35' Above Floor, Add	*12.70*	
		For Elevated Installation >35' To 40' Above Floor, Add	*15.87*	
		For Elevated Installation >40' Above Floor, Add	*17.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.52*	
26 05 33 13-0223	EA	2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	95.54	19.02
		For Work In Restricted Working Space, Add	*14.26*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.75*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.51*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.88*	
		For Elevated Installation >25' To 30' Above Floor, Add	*16.64*	
		For Elevated Installation >30' To 35' Above Floor, Add	*19.01*	
		For Elevated Installation >35' To 40' Above Floor, Add	*23.77*	
		For Elevated Installation >40' Above Floor, Add	*26.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.26*	
26 05 33 13-0224	EA	2-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	171.44	21.06
		For Work In Restricted Working Space, Add	*15.79*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.26*	
		For Elevated Installation >15' To 20' Above Floor, Add	*10.53*	
		For Elevated Installation >20' To 25' Above Floor, Add	*13.16*	
		For Elevated Installation >25' To 30' Above Floor, Add	*18.42*	
		For Elevated Installation >30' To 35' Above Floor, Add	*21.06*	
		For Elevated Installation >35' To 40' Above Floor, Add	*26.32*	
		For Elevated Installation >40' Above Floor, Add	*28.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.79*	
26 05 33 13-0225	EA	3" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	204.39	25.49
		For Work In Restricted Working Space, Add	*19.13*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.38*	
		For Elevated Installation >15' To 20' Above Floor, Add	*12.75*	
		For Elevated Installation >20' To 25' Above Floor, Add	*15.94*	
		For Elevated Installation >25' To 30' Above Floor, Add	*22.32*	
		For Elevated Installation >30' To 35' Above Floor, Add	*25.51*	
		For Elevated Installation >35' To 40' Above Floor, Add	*31.89*	
		For Elevated Installation >40' Above Floor, Add	*35.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.13*	
26 05 33 13-0226	EA	3-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	276.22	31.95
		For Work In Restricted Working Space, Add	*23.95*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.98*	
		For Elevated Installation >15' To 20' Above Floor, Add	*15.97*	
		For Elevated Installation >20' To 25' Above Floor, Add	*19.96*	
		For Elevated Installation >25' To 30' Above Floor, Add	*27.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*31.93*	
		For Elevated Installation >35' To 40' Above Floor, Add	*39.92*	
		For Elevated Installation >40' Above Floor, Add	*43.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.95*	
26 05 33 13-0227	EA	4" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	323.63	38.29
		For Work In Restricted Working Space, Add	*28.72*	
		For Elevated Installation >10' To 15' Above Floor, Add	*9.57*	
		For Elevated Installation >15' To 20' Above Floor, Add	*19.14*	
		For Elevated Installation >20' To 25' Above Floor, Add	*23.93*	
		For Elevated Installation >25' To 30' Above Floor, Add	*33.50*	
		For Elevated Installation >30' To 35' Above Floor, Add	*38.29*	
		For Elevated Installation >35' To 40' Above Floor, Add	*47.86*	
		For Elevated Installation >40' Above Floor, Add	*52.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.72*	
26 05 33 13-0228	EA	5" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	567.03	42.60
		For Work In Restricted Working Space, Add	*31.91*	
		For Elevated Installation >10' To 15' Above Floor, Add	*10.64*	
		For Elevated Installation >15' To 20' Above Floor, Add	*21.27*	
		For Elevated Installation >20' To 25' Above Floor, Add	*26.59*	
		For Elevated Installation >25' To 30' Above Floor, Add	*37.23*	
		For Elevated Installation >30' To 35' Above Floor, Add	*42.55*	
		For Elevated Installation >35' To 40' Above Floor, Add	*53.19*	
		For Elevated Installation >40' Above Floor, Add	*58.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.91*	
26 05 33 13-0229	EA	6" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	677.27	47.86
		For Work In Restricted Working Space, Add	*35.89*	
		For Elevated Installation >10' To 15' Above Floor, Add	*11.96*	
		For Elevated Installation >15' To 20' Above Floor, Add	*23.93*	
		For Elevated Installation >20' To 25' Above Floor, Add	*29.91*	
		For Elevated Installation >25' To 30' Above Floor, Add	*41.87*	
		For Elevated Installation >30' To 35' Above Floor, Add	*47.85*	
		For Elevated Installation >35' To 40' Above Floor, Add	*59.82*	
		For Elevated Installation >40' Above Floor, Add	*65.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.89*	

26 05 33 13-0230 Rigid Galvanized Steel (RGS) Nipples *(26 05 33 13-0060)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0231	EA	1/2" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	17.50	7.78
		For Work In Restricted Working Space, Add	*4.67*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.56*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.11*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.89*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.45*	
		For Elevated Installation >30' To 35' Above Floor, Add	*6.22*	
		For Elevated Installation >35' To 40' Above Floor, Add	*7.78*	
		For Elevated Installation >40' Above Floor, Add	*8.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.67*	
26 05 33 13-0232	EA	3/4" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	20.13	8.97
		For Work In Restricted Working Space, Add	*5.38*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.59*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.49*	
		For Elevated Installation >25' To 30' Above Floor, Add	*6.28*	
		For Elevated Installation >30' To 35' Above Floor, Add	*7.18*	
		For Elevated Installation >35' To 40' Above Floor, Add	*8.97*	
		For Elevated Installation >40' Above Floor, Add	*9.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.38*	
26 05 33 13-0233	EA	1" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	25.78	11.37
		For Work In Restricted Working Space, Add	*6.82*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.27*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.55*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.68*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.96*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.09*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.37*	
		For Elevated Installation >40' Above Floor, Add	*12.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.82*	
26 05 33 13-0234	EA	1-1/4" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	30.20	13.16
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.63*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.26*	
		For Elevated Installation >20' To 25' Above Floor, Add	*6.58*	
		For Elevated Installation >25' To 30' Above Floor, Add	*9.21*	
		For Elevated Installation >30' To 35' Above Floor, Add	*10.53*	
		For Elevated Installation >35' To 40' Above Floor, Add	*13.16*	
		For Elevated Installation >40' Above Floor, Add	*14.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-0235	EA	1-1/2" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	34.51	14.96
		For Work In Restricted Working Space, Add	*8.97*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.99*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.48*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.47*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.96*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.96*	
		For Elevated Installation >40' Above Floor, Add	*16.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.97*	
26 05 33 13-0236	EA	1/2" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	17.66	7.78
		For Work In Restricted Working Space, Add	*4.67*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.56*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.11*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.89*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.45*	
		For Elevated Installation >30' To 35' Above Floor, Add	*6.22*	
		For Elevated Installation >35' To 40' Above Floor, Add	*7.78*	
		For Elevated Installation >40' Above Floor, Add	*8.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.67*	
26 05 33 13-0237	EA	3/4" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	20.37	8.97
		For Work In Restricted Working Space, Add	*5.38*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.59*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.49*	
		For Elevated Installation >25' To 30' Above Floor, Add	*6.28*	
		For Elevated Installation >30' To 35' Above Floor, Add	*7.18*	
		For Elevated Installation >35' To 40' Above Floor, Add	*8.97*	
		For Elevated Installation >40' Above Floor, Add	*9.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.38*	
26 05 33 13-0238	EA	1" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	26.05	11.37
		For Work In Restricted Working Space, Add	*6.82*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.27*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.55*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.68*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.96*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.09*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.37*	
		For Elevated Installation >40' Above Floor, Add	*12.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0239	EA	1-1/4" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	30.57	13.16
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.63*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.26*	
		For Elevated Installation >20' To 25' Above Floor, Add	*6.58*	
		For Elevated Installation >25' To 30' Above Floor, Add	*9.21*	
		For Elevated Installation >30' To 35' Above Floor, Add	*10.53*	
		For Elevated Installation >35' To 40' Above Floor, Add	*13.16*	
		For Elevated Installation >40' Above Floor, Add	*14.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-0240	EA	1-1/2" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	35.10	14.96
		For Work In Restricted Working Space, Add	*8.97*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.99*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.48*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.47*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.96*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.96*	
		For Elevated Installation >40' Above Floor, Add	*16.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.97*	
26 05 33 13-0241	EA	2" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	39.77	16.75
		For Work In Restricted Working Space, Add	*10.05*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.35*	
		For Elevated Installation >15' To 20' Above Floor, Add	*6.70*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.38*	
		For Elevated Installation >25' To 30' Above Floor, Add	*11.73*	
		For Elevated Installation >30' To 35' Above Floor, Add	*13.40*	
		For Elevated Installation >35' To 40' Above Floor, Add	*16.75*	
		For Elevated Installation >40' Above Floor, Add	*18.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.05*	
26 05 33 13-0242	EA	1/2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	17.83	7.78
		For Work In Restricted Working Space, Add	*4.67*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.56*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.11*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.89*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.45*	
		For Elevated Installation >30' To 35' Above Floor, Add	*6.22*	
		For Elevated Installation >35' To 40' Above Floor, Add	*7.78*	
		For Elevated Installation >40' Above Floor, Add	*8.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.67*	
26 05 33 13-0243	EA	3/4" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	20.59	8.97
		For Work In Restricted Working Space, Add	*5.38*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.59*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.49*	
		For Elevated Installation >25' To 30' Above Floor, Add	*6.28*	
		For Elevated Installation >30' To 35' Above Floor, Add	*7.18*	
		For Elevated Installation >35' To 40' Above Floor, Add	*8.97*	
		For Elevated Installation >40' Above Floor, Add	*9.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.38*	
26 05 33 13-0244	EA	1" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	26.43	11.37
		For Work In Restricted Working Space, Add	*6.82*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.27*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.55*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.68*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.96*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.09*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.37*	
		For Elevated Installation >40' Above Floor, Add	*12.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.82*	
26 05 33 13-0245	EA	1-1/4" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	30.90	13.16
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.63*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.26*	
		For Elevated Installation >20' To 25' Above Floor, Add	*6.58*	
		For Elevated Installation >25' To 30' Above Floor, Add	*9.21*	
		For Elevated Installation >30' To 35' Above Floor, Add	*10.53*	
		For Elevated Installation >35' To 40' Above Floor, Add	*13.16*	
		For Elevated Installation >40' Above Floor, Add	*14.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-0246	EA	1-1/2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	35.50	14.96
		For Work In Restricted Working Space, Add	*8.97*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.99*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.48*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.47*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.96*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.96*	
		For Elevated Installation >40' Above Floor, Add	*16.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0247	EA	2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	40.75	16.75
		For Work In Restricted Working Space, Add	*10.05*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.35*	
		For Elevated Installation >15' To 20' Above Floor, Add	*6.70*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.38*	
		For Elevated Installation >25' To 30' Above Floor, Add	*11.73*	
		For Elevated Installation >30' To 35' Above Floor, Add	*13.40*	
		For Elevated Installation >35' To 40' Above Floor, Add	*16.75*	
		For Elevated Installation >40' Above Floor, Add	*18.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.05*	
26 05 33 13-0248	EA	2-1/2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	55.65	20.34
		For Work In Restricted Working Space, Add	*12.20*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.07*	
		For Elevated Installation >15' To 20' Above Floor, Add	*8.14*	
		For Elevated Installation >20' To 25' Above Floor, Add	*10.17*	
		For Elevated Installation >25' To 30' Above Floor, Add	*14.24*	
		For Elevated Installation >30' To 35' Above Floor, Add	*16.27*	
		For Elevated Installation >35' To 40' Above Floor, Add	*20.34*	
		For Elevated Installation >40' Above Floor, Add	*22.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 05 33 13-0249	EA	3" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	74.64	28.12
		For Work In Restricted Working Space, Add	*16.87*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.62*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.25*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.06*	
		For Elevated Installation >25' To 30' Above Floor, Add	*19.68*	
		For Elevated Installation >30' To 35' Above Floor, Add	*22.49*	
		For Elevated Installation >35' To 40' Above Floor, Add	*28.12*	
		For Elevated Installation >40' Above Floor, Add	*30.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.87*	
26 05 33 13-0250	EA	1/2" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	18.05	7.78
		For Work In Restricted Working Space, Add	*4.67*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.56*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.11*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.89*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.45*	
		For Elevated Installation >30' To 35' Above Floor, Add	*6.22*	
		For Elevated Installation >35' To 40' Above Floor, Add	*7.78*	
		For Elevated Installation >40' Above Floor, Add	*8.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.67*	
26 05 33 13-0251	EA	3/4" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	20.70	8.97
		For Work In Restricted Working Space, Add	*5.38*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.59*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.49*	
		For Elevated Installation >25' To 30' Above Floor, Add	*6.28*	
		For Elevated Installation >30' To 35' Above Floor, Add	*7.18*	
		For Elevated Installation >35' To 40' Above Floor, Add	*8.97*	
		For Elevated Installation >40' Above Floor, Add	*9.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.38*	
26 05 33 13-0252	EA	1" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	26.92	11.37
		For Work In Restricted Working Space, Add	*6.82*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.27*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.55*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.68*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.96*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.09*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.37*	
		For Elevated Installation >40' Above Floor, Add	*12.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.82*	
26 05 33 13-0253	EA	1-1/4" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	31.53	13.16
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.63*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.26*	
		For Elevated Installation >20' To 25' Above Floor, Add	*6.58*	
		For Elevated Installation >25' To 30' Above Floor, Add	*9.21*	
		For Elevated Installation >30' To 35' Above Floor, Add	*10.53*	
		For Elevated Installation >35' To 40' Above Floor, Add	*13.16*	
		For Elevated Installation >40' Above Floor, Add	*14.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-0254	EA	1-1/2" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	36.33	14.96
		For Work In Restricted Working Space, Add	*8.97*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.99*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.48*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.47*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.96*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.96*	
		For Elevated Installation >40' Above Floor, Add	*16.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0255	EA	2" x 3-1/2" Long, Rigid Galvanized Steel (RGS), Nipple	41.76	16.75
		For Work In Restricted Working Space, Add	*10.05*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.35*	
		For Elevated Installation >15' To 20' Above Floor, Add	*6.70*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.38*	
		For Elevated Installation >25' To 30' Above Floor, Add	*11.73*	
		For Elevated Installation >30' To 35' Above Floor, Add	*13.40*	
		For Elevated Installation >35' To 40' Above Floor, Add	*16.75*	
		For Elevated Installation >40' Above Floor, Add	*18.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.05*	
26 05 33 13-0256	EA	2-1/2" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	58.38	20.34
		For Work In Restricted Working Space, Add	*12.20*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.07*	
		For Elevated Installation >15' To 20' Above Floor, Add	*8.14*	
		For Elevated Installation >20' To 25' Above Floor, Add	*10.17*	
		For Elevated Installation >25' To 30' Above Floor, Add	*14.24*	
		For Elevated Installation >30' To 35' Above Floor, Add	*16.27*	
		For Elevated Installation >35' To 40' Above Floor, Add	*20.34*	
		For Elevated Installation >40' Above Floor, Add	*22.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 05 33 13-0257	EA	3" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	77.00	28.12
		For Work In Restricted Working Space, Add	*16.87*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.62*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.25*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.06*	
		For Elevated Installation >25' To 30' Above Floor, Add	*19.68*	
		For Elevated Installation >30' To 35' Above Floor, Add	*22.49*	
		For Elevated Installation >35' To 40' Above Floor, Add	*28.12*	
		For Elevated Installation >40' Above Floor, Add	*30.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.87*	
26 05 33 13-0258	EA	1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	18.25	7.78
		For Work In Restricted Working Space, Add	*4.67*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.56*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.11*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.89*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.45*	
		For Elevated Installation >30' To 35' Above Floor, Add	*6.22*	
		For Elevated Installation >35' To 40' Above Floor, Add	*7.78*	
		For Elevated Installation >40' Above Floor, Add	*8.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.67*	
26 05 33 13-0259	EA	3/4" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	21.08	8.97
		For Work In Restricted Working Space, Add	*5.38*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.59*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.49*	
		For Elevated Installation >25' To 30' Above Floor, Add	*6.28*	
		For Elevated Installation >30' To 35' Above Floor, Add	*7.18*	
		For Elevated Installation >35' To 40' Above Floor, Add	*8.97*	
		For Elevated Installation >40' Above Floor, Add	*9.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.38*	
26 05 33 13-0260	EA	1" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	27.23	11.37
		For Work In Restricted Working Space, Add	*6.82*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.27*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.55*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.68*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.96*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.09*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.37*	
		For Elevated Installation >40' Above Floor, Add	*12.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.82*	
26 05 33 13-0261	EA	1-1/4" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	31.84	13.16
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.63*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.26*	
		For Elevated Installation >20' To 25' Above Floor, Add	*6.58*	
		For Elevated Installation >25' To 30' Above Floor, Add	*9.21*	
		For Elevated Installation >30' To 35' Above Floor, Add	*10.53*	
		For Elevated Installation >35' To 40' Above Floor, Add	*13.16*	
		For Elevated Installation >40' Above Floor, Add	*14.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-0262	EA	1-1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	36.90	14.96
		For Work In Restricted Working Space, Add	*8.97*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.99*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.48*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.47*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.96*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.96*	
		For Elevated Installation >40' Above Floor, Add	*16.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0263	EA	2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	42.62	16.75
		For Work In Restricted Working Space, Add	*10.05*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.35*	
		For Elevated Installation >15' To 20' Above Floor, Add	*6.70*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.38*	
		For Elevated Installation >25' To 30' Above Floor, Add	*11.73*	
		For Elevated Installation >30' To 35' Above Floor, Add	*13.40*	
		For Elevated Installation >35' To 40' Above Floor, Add	*16.75*	
		For Elevated Installation >40' Above Floor, Add	*18.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.05*	
26 05 33 13-0264	EA	2-1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	59.22	20.34
		For Work In Restricted Working Space, Add	*12.20*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.07*	
		For Elevated Installation >15' To 20' Above Floor, Add	*8.14*	
		For Elevated Installation >20' To 25' Above Floor, Add	*10.17*	
		For Elevated Installation >25' To 30' Above Floor, Add	*14.24*	
		For Elevated Installation >30' To 35' Above Floor, Add	*16.27*	
		For Elevated Installation >35' To 40' Above Floor, Add	*20.34*	
		For Elevated Installation >40' Above Floor, Add	*22.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 05 33 13-0265	EA	3" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	78.75	28.12
		For Work In Restricted Working Space, Add	*16.87*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.62*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.25*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.06*	
		For Elevated Installation >25' To 30' Above Floor, Add	*19.68*	
		For Elevated Installation >30' To 35' Above Floor, Add	*22.49*	
		For Elevated Installation >35' To 40' Above Floor, Add	*28.12*	
		For Elevated Installation >40' Above Floor, Add	*30.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.87*	
26 05 33 13-0266	EA	3-1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	90.82	31.70
		For Work In Restricted Working Space, Add	*19.02*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.34*	
		For Elevated Installation >15' To 20' Above Floor, Add	*12.68*	
		For Elevated Installation >20' To 25' Above Floor, Add	*15.85*	
		For Elevated Installation >25' To 30' Above Floor, Add	*22.19*	
		For Elevated Installation >30' To 35' Above Floor, Add	*25.36*	
		For Elevated Installation >35' To 40' Above Floor, Add	*31.71*	
		For Elevated Installation >40' Above Floor, Add	*34.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.02*	
26 05 33 13-0267	EA	4" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	113.32	41.28
		For Work In Restricted Working Space, Add	*24.77*	
		For Elevated Installation >10' To 15' Above Floor, Add	*8.26*	
		For Elevated Installation >15' To 20' Above Floor, Add	*16.51*	
		For Elevated Installation >20' To 25' Above Floor, Add	*20.64*	
		For Elevated Installation >25' To 30' Above Floor, Add	*28.89*	
		For Elevated Installation >30' To 35' Above Floor, Add	*33.02*	
		For Elevated Installation >35' To 40' Above Floor, Add	*41.28*	
		For Elevated Installation >40' Above Floor, Add	*45.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.77*	
26 05 33 13-0268	EA	1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	18.57	7.78
		For Work In Restricted Working Space, Add	*4.67*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.56*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.11*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.89*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.45*	
		For Elevated Installation >30' To 35' Above Floor, Add	*6.22*	
		For Elevated Installation >35' To 40' Above Floor, Add	*7.78*	
		For Elevated Installation >40' Above Floor, Add	*8.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.67*	
26 05 33 13-0269	EA	3/4" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	21.55	8.97
		For Work In Restricted Working Space, Add	*5.38*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.59*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.49*	
		For Elevated Installation >25' To 30' Above Floor, Add	*6.28*	
		For Elevated Installation >30' To 35' Above Floor, Add	*7.18*	
		For Elevated Installation >35' To 40' Above Floor, Add	*8.97*	
		For Elevated Installation >40' Above Floor, Add	*9.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.38*	
26 05 33 13-0270	EA	1" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	27.83	11.37
		For Work In Restricted Working Space, Add	*6.82*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.27*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.55*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.68*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.96*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.09*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.37*	
		For Elevated Installation >40' Above Floor, Add	*12.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0271	EA	1-1/4" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	32.71	13.16
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.63*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.26*	
		For Elevated Installation >20' To 25' Above Floor, Add	*6.58*	
		For Elevated Installation >25' To 30' Above Floor, Add	*9.21*	
		For Elevated Installation >30' To 35' Above Floor, Add	*10.53*	
		For Elevated Installation >35' To 40' Above Floor, Add	*13.16*	
		For Elevated Installation >40' Above Floor, Add	*14.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-0272	EA	1-1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	37.75	14.96
		For Work In Restricted Working Space, Add	*8.97*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.99*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.48*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.47*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.96*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.96*	
		For Elevated Installation >40' Above Floor, Add	*16.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.97*	
26 05 33 13-0273	EA	2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	44.14	16.75
		For Work In Restricted Working Space, Add	*10.05*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.35*	
		For Elevated Installation >15' To 20' Above Floor, Add	*6.70*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.38*	
		For Elevated Installation >25' To 30' Above Floor, Add	*11.73*	
		For Elevated Installation >30' To 35' Above Floor, Add	*13.40*	
		For Elevated Installation >35' To 40' Above Floor, Add	*16.75*	
		For Elevated Installation >40' Above Floor, Add	*18.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.05*	
26 05 33 13-0274	EA	2-1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	62.59	20.34
		For Work In Restricted Working Space, Add	*12.20*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.07*	
		For Elevated Installation >15' To 20' Above Floor, Add	*8.14*	
		For Elevated Installation >20' To 25' Above Floor, Add	*10.17*	
		For Elevated Installation >25' To 30' Above Floor, Add	*14.24*	
		For Elevated Installation >30' To 35' Above Floor, Add	*16.27*	
		For Elevated Installation >35' To 40' Above Floor, Add	*20.34*	
		For Elevated Installation >40' Above Floor, Add	*22.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 05 33 13-0275	EA	3" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	82.41	28.12
		For Work In Restricted Working Space, Add	*16.87*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.62*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.25*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.06*	
		For Elevated Installation >25' To 30' Above Floor, Add	*19.68*	
		For Elevated Installation >30' To 35' Above Floor, Add	*22.49*	
		For Elevated Installation >35' To 40' Above Floor, Add	*28.12*	
		For Elevated Installation >40' Above Floor, Add	*30.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.87*	
26 05 33 13-0276	EA	3-1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	94.45	31.70
		For Work In Restricted Working Space, Add	*19.02*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.34*	
		For Elevated Installation >15' To 20' Above Floor, Add	*12.68*	
		For Elevated Installation >20' To 25' Above Floor, Add	*15.85*	
		For Elevated Installation >25' To 30' Above Floor, Add	*22.19*	
		For Elevated Installation >30' To 35' Above Floor, Add	*25.36*	
		For Elevated Installation >35' To 40' Above Floor, Add	*31.71*	
		For Elevated Installation >40' Above Floor, Add	*34.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.02*	
26 05 33 13-0277	EA	4" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	118.63	41.28
		For Work In Restricted Working Space, Add	*24.77*	
		For Elevated Installation >10' To 15' Above Floor, Add	*8.26*	
		For Elevated Installation >15' To 20' Above Floor, Add	*16.51*	
		For Elevated Installation >20' To 25' Above Floor, Add	*20.64*	
		For Elevated Installation >25' To 30' Above Floor, Add	*28.89*	
		For Elevated Installation >30' To 35' Above Floor, Add	*33.02*	
		For Elevated Installation >35' To 40' Above Floor, Add	*41.28*	
		For Elevated Installation >40' Above Floor, Add	*45.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.77*	
26 05 33 13-0278	EA	5" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	183.69	56.83
		For Work In Restricted Working Space, Add	*34.10*	
		For Elevated Installation >10' To 15' Above Floor, Add	*11.37*	
		For Elevated Installation >15' To 20' Above Floor, Add	*22.73*	
		For Elevated Installation >20' To 25' Above Floor, Add	*28.42*	
		For Elevated Installation >25' To 30' Above Floor, Add	*39.78*	
		For Elevated Installation >30' To 35' Above Floor, Add	*45.46*	
		For Elevated Installation >35' To 40' Above Floor, Add	*56.83*	
		For Elevated Installation >40' Above Floor, Add	*62.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0279	EA	6" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	233.11	72.87
		For Work In Restricted Working Space, Add	*43.75*	
		For Elevated Installation >10' To 15' Above Floor, Add	*14.58*	
		For Elevated Installation >15' To 20' Above Floor, Add	*29.17*	
		For Elevated Installation >20' To 25' Above Floor, Add	*36.46*	
		For Elevated Installation >25' To 30' Above Floor, Add	*51.04*	
		For Elevated Installation >30' To 35' Above Floor, Add	*58.33*	
		For Elevated Installation >35' To 40' Above Floor, Add	*72.92*	
		For Elevated Installation >40' Above Floor, Add	*80.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.75*	
26 05 33 13-0280	EA	1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	19.16	7.78
		For Work In Restricted Working Space, Add	*4.67*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.56*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.11*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.89*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.45*	
		For Elevated Installation >30' To 35' Above Floor, Add	*6.22*	
		For Elevated Installation >35' To 40' Above Floor, Add	*7.78*	
		For Elevated Installation >40' Above Floor, Add	*8.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.67*	
26 05 33 13-0281	EA	3/4" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	22.15	8.97
		For Work In Restricted Working Space, Add	*5.38*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.59*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.49*	
		For Elevated Installation >25' To 30' Above Floor, Add	*6.28*	
		For Elevated Installation >30' To 35' Above Floor, Add	*7.18*	
		For Elevated Installation >35' To 40' Above Floor, Add	*8.97*	
		For Elevated Installation >40' Above Floor, Add	*9.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.38*	
26 05 33 13-0282	EA	1" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	28.30	11.37
		For Work In Restricted Working Space, Add	*6.82*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.27*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.55*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.68*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.96*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.09*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.37*	
		For Elevated Installation >40' Above Floor, Add	*12.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.82*	
26 05 33 13-0283	EA	1-1/4" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	33.51	13.16
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.63*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.26*	
		For Elevated Installation >20' To 25' Above Floor, Add	*6.58*	
		For Elevated Installation >25' To 30' Above Floor, Add	*9.21*	
		For Elevated Installation >30' To 35' Above Floor, Add	*10.53*	
		For Elevated Installation >35' To 40' Above Floor, Add	*13.16*	
		For Elevated Installation >40' Above Floor, Add	*14.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-0284	EA	1-1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	39.55	14.96
		For Work In Restricted Working Space, Add	*8.97*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.99*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.48*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.47*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.96*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.96*	
		For Elevated Installation >40' Above Floor, Add	*16.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.97*	
26 05 33 13-0285	EA	2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	45.66	16.75
		For Work In Restricted Working Space, Add	*10.05*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.35*	
		For Elevated Installation >15' To 20' Above Floor, Add	*6.70*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.38*	
		For Elevated Installation >25' To 30' Above Floor, Add	*11.73*	
		For Elevated Installation >30' To 35' Above Floor, Add	*13.40*	
		For Elevated Installation >35' To 40' Above Floor, Add	*16.75*	
		For Elevated Installation >40' Above Floor, Add	*18.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.05*	
26 05 33 13-0286	EA	2-1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	65.55	20.34
		For Work In Restricted Working Space, Add	*12.20*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.07*	
		For Elevated Installation >15' To 20' Above Floor, Add	*8.14*	
		For Elevated Installation >20' To 25' Above Floor, Add	*10.17*	
		For Elevated Installation >25' To 30' Above Floor, Add	*14.24*	
		For Elevated Installation >30' To 35' Above Floor, Add	*16.27*	
		For Elevated Installation >35' To 40' Above Floor, Add	*20.34*	
		For Elevated Installation >40' Above Floor, Add	*22.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0287	EA	3" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	86.12	28.12
		For Work In Restricted Working Space, Add	*16.87*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.62*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.25*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.06*	
		For Elevated Installation >25' To 30' Above Floor, Add	*19.68*	
		For Elevated Installation >30' To 35' Above Floor, Add	*22.49*	
		For Elevated Installation >35' To 40' Above Floor, Add	*28.12*	
		For Elevated Installation >40' Above Floor, Add	*30.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.87*	
26 05 33 13-0288	EA	3-1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	98.89	31.70
		For Work In Restricted Working Space, Add	*19.02*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.34*	
		For Elevated Installation >15' To 20' Above Floor, Add	*12.68*	
		For Elevated Installation >20' To 25' Above Floor, Add	*15.85*	
		For Elevated Installation >25' To 30' Above Floor, Add	*22.19*	
		For Elevated Installation >30' To 35' Above Floor, Add	*25.36*	
		For Elevated Installation >35' To 40' Above Floor, Add	*31.71*	
		For Elevated Installation >40' Above Floor, Add	*34.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.02*	
26 05 33 13-0289	EA	4" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	122.84	41.28
		For Work In Restricted Working Space, Add	*24.77*	
		For Elevated Installation >10' To 15' Above Floor, Add	*8.26*	
		For Elevated Installation >15' To 20' Above Floor, Add	*16.51*	
		For Elevated Installation >20' To 25' Above Floor, Add	*20.64*	
		For Elevated Installation >25' To 30' Above Floor, Add	*28.89*	
		For Elevated Installation >30' To 35' Above Floor, Add	*33.02*	
		For Elevated Installation >35' To 40' Above Floor, Add	*41.28*	
		For Elevated Installation >40' Above Floor, Add	*45.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.77*	
26 05 33 13-0290	EA	5" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	189.86	56.83
		For Work In Restricted Working Space, Add	*34.10*	
		For Elevated Installation >10' To 15' Above Floor, Add	*11.37*	
		For Elevated Installation >15' To 20' Above Floor, Add	*22.73*	
		For Elevated Installation >20' To 25' Above Floor, Add	*28.42*	
		For Elevated Installation >25' To 30' Above Floor, Add	*39.78*	
		For Elevated Installation >30' To 35' Above Floor, Add	*45.46*	
		For Elevated Installation >35' To 40' Above Floor, Add	*56.83*	
		For Elevated Installation >40' Above Floor, Add	*62.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.10*	
26 05 33 13-0291	EA	6" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	242.14	72.87
		For Work In Restricted Working Space, Add	*43.75*	
		For Elevated Installation >10' To 15' Above Floor, Add	*14.58*	
		For Elevated Installation >15' To 20' Above Floor, Add	*29.17*	
		For Elevated Installation >20' To 25' Above Floor, Add	*36.46*	
		For Elevated Installation >25' To 30' Above Floor, Add	*51.04*	
		For Elevated Installation >30' To 35' Above Floor, Add	*58.33*	
		For Elevated Installation >35' To 40' Above Floor, Add	*72.92*	
		For Elevated Installation >40' Above Floor, Add	*80.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.75*	
26 05 33 13-0292	EA	1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	21.30	7.78
		For Work In Restricted Working Space, Add	*4.67*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.56*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.11*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.89*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.45*	
		For Elevated Installation >30' To 35' Above Floor, Add	*6.22*	
		For Elevated Installation >35' To 40' Above Floor, Add	*7.78*	
		For Elevated Installation >40' Above Floor, Add	*8.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.67*	
26 05 33 13-0293	EA	3/4" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	24.88	8.97
		For Work In Restricted Working Space, Add	*5.38*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.59*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.49*	
		For Elevated Installation >25' To 30' Above Floor, Add	*6.28*	
		For Elevated Installation >30' To 35' Above Floor, Add	*7.18*	
		For Elevated Installation >35' To 40' Above Floor, Add	*8.97*	
		For Elevated Installation >40' Above Floor, Add	*9.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.38*	
26 05 33 13-0294	EA	1" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	31.52	11.37
		For Work In Restricted Working Space, Add	*6.82*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.27*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.55*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.68*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.96*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.09*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.37*	
		For Elevated Installation >40' Above Floor, Add	*12.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0295	EA	1-1/4" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	38.09	13.16
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.63*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.26*	
		For Elevated Installation >20' To 25' Above Floor, Add	*6.58*	
		For Elevated Installation >25' To 30' Above Floor, Add	*9.21*	
		For Elevated Installation >30' To 35' Above Floor, Add	*10.53*	
		For Elevated Installation >35' To 40' Above Floor, Add	*13.16*	
		For Elevated Installation >40' Above Floor, Add	*14.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-0296	EA	1-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	44.65	14.96
		For Work In Restricted Working Space, Add	*8.97*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.99*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.48*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.47*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.96*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.96*	
		For Elevated Installation >40' Above Floor, Add	*16.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.97*	
26 05 33 13-0297	EA	2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	51.05	16.75
		For Work In Restricted Working Space, Add	*10.05*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.35*	
		For Elevated Installation >15' To 20' Above Floor, Add	*6.70*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.38*	
		For Elevated Installation >25' To 30' Above Floor, Add	*11.73*	
		For Elevated Installation >30' To 35' Above Floor, Add	*13.40*	
		For Elevated Installation >35' To 40' Above Floor, Add	*16.75*	
		For Elevated Installation >40' Above Floor, Add	*18.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.05*	
26 05 33 13-0298	EA	2-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	73.39	20.34
		For Work In Restricted Working Space, Add	*12.20*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.07*	
		For Elevated Installation >15' To 20' Above Floor, Add	*8.14*	
		For Elevated Installation >20' To 25' Above Floor, Add	*10.17*	
		For Elevated Installation >25' To 30' Above Floor, Add	*14.24*	
		For Elevated Installation >30' To 35' Above Floor, Add	*16.27*	
		For Elevated Installation >35' To 40' Above Floor, Add	*20.34*	
		For Elevated Installation >40' Above Floor, Add	*22.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 05 33 13-0299	EA	3" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	95.13	28.12
		For Work In Restricted Working Space, Add	*16.87*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.62*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.25*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.06*	
		For Elevated Installation >25' To 30' Above Floor, Add	*19.68*	
		For Elevated Installation >30' To 35' Above Floor, Add	*22.49*	
		For Elevated Installation >35' To 40' Above Floor, Add	*28.12*	
		For Elevated Installation >40' Above Floor, Add	*30.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.87*	
26 05 33 13-0300	EA	3-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	107.87	31.70
		For Work In Restricted Working Space, Add	*19.02*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.34*	
		For Elevated Installation >15' To 20' Above Floor, Add	*12.68*	
		For Elevated Installation >20' To 25' Above Floor, Add	*15.85*	
		For Elevated Installation >25' To 30' Above Floor, Add	*22.19*	
		For Elevated Installation >30' To 35' Above Floor, Add	*25.36*	
		For Elevated Installation >35' To 40' Above Floor, Add	*31.71*	
		For Elevated Installation >40' Above Floor, Add	*34.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.02*	
26 05 33 13-0301	EA	4" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	132.76	41.28
		For Work In Restricted Working Space, Add	*24.77*	
		For Elevated Installation >10' To 15' Above Floor, Add	*8.26*	
		For Elevated Installation >15' To 20' Above Floor, Add	*16.51*	
		For Elevated Installation >20' To 25' Above Floor, Add	*20.64*	
		For Elevated Installation >25' To 30' Above Floor, Add	*28.89*	
		For Elevated Installation >30' To 35' Above Floor, Add	*33.02*	
		For Elevated Installation >35' To 40' Above Floor, Add	*41.28*	
		For Elevated Installation >40' Above Floor, Add	*45.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.77*	
26 05 33 13-0302	EA	5" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	204.17	56.83
		For Work In Restricted Working Space, Add	*34.10*	
		For Elevated Installation >10' To 15' Above Floor, Add	*11.37*	
		For Elevated Installation >15' To 20' Above Floor, Add	*22.73*	
		For Elevated Installation >20' To 25' Above Floor, Add	*28.42*	
		For Elevated Installation >25' To 30' Above Floor, Add	*39.78*	
		For Elevated Installation >30' To 35' Above Floor, Add	*45.46*	
		For Elevated Installation >35' To 40' Above Floor, Add	*56.83*	
		For Elevated Installation >40' Above Floor, Add	*62.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0303	EA	6" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	258.21	72.87
		For Work In Restricted Working Space, Add	*43.75*	
		For Elevated Installation >10' To 15' Above Floor, Add	*14.58*	
		For Elevated Installation >15' To 20' Above Floor, Add	*29.17*	
		For Elevated Installation >20' To 25' Above Floor, Add	*36.46*	
		For Elevated Installation >25' To 30' Above Floor, Add	*51.04*	
		For Elevated Installation >30' To 35' Above Floor, Add	*58.33*	
		For Elevated Installation >35' To 40' Above Floor, Add	*72.92*	
		For Elevated Installation >40' Above Floor, Add	*80.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.75*	
26 05 33 13-0304	EA	1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	22.74	7.78
		For Work In Restricted Working Space, Add	*4.67*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.56*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.11*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.89*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.45*	
		For Elevated Installation >30' To 35' Above Floor, Add	*6.22*	
		For Elevated Installation >35' To 40' Above Floor, Add	*7.78*	
		For Elevated Installation >40' Above Floor, Add	*8.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.67*	
26 05 33 13-0305	EA	3/4" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	26.28	8.97
		For Work In Restricted Working Space, Add	*5.38*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.59*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.49*	
		For Elevated Installation >25' To 30' Above Floor, Add	*6.28*	
		For Elevated Installation >30' To 35' Above Floor, Add	*7.18*	
		For Elevated Installation >35' To 40' Above Floor, Add	*8.97*	
		For Elevated Installation >40' Above Floor, Add	*9.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.38*	
26 05 33 13-0306	EA	1" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	34.08	11.37
		For Work In Restricted Working Space, Add	*6.82*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.27*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.55*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.68*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.96*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.09*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.37*	
		For Elevated Installation >40' Above Floor, Add	*12.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.82*	
26 05 33 13-0307	EA	1-1/4" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	41.13	13.16
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.63*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.26*	
		For Elevated Installation >20' To 25' Above Floor, Add	*6.58*	
		For Elevated Installation >25' To 30' Above Floor, Add	*9.21*	
		For Elevated Installation >30' To 35' Above Floor, Add	*10.53*	
		For Elevated Installation >35' To 40' Above Floor, Add	*13.16*	
		For Elevated Installation >40' Above Floor, Add	*14.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-0308	EA	1-1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	47.65	14.96
		For Work In Restricted Working Space, Add	*8.97*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.99*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.48*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.47*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.96*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.96*	
		For Elevated Installation >40' Above Floor, Add	*16.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.97*	
26 05 33 13-0309	EA	2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	54.52	16.75
		For Work In Restricted Working Space, Add	*10.05*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.35*	
		For Elevated Installation >15' To 20' Above Floor, Add	*6.70*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.38*	
		For Elevated Installation >25' To 30' Above Floor, Add	*11.73*	
		For Elevated Installation >30' To 35' Above Floor, Add	*13.40*	
		For Elevated Installation >35' To 40' Above Floor, Add	*16.75*	
		For Elevated Installation >40' Above Floor, Add	*18.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.05*	
26 05 33 13-0310	EA	2-1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	78.66	20.34
		For Work In Restricted Working Space, Add	*12.20*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.07*	
		For Elevated Installation >15' To 20' Above Floor, Add	*8.14*	
		For Elevated Installation >20' To 25' Above Floor, Add	*10.17*	
		For Elevated Installation >25' To 30' Above Floor, Add	*14.24*	
		For Elevated Installation >30' To 35' Above Floor, Add	*16.27*	
		For Elevated Installation >35' To 40' Above Floor, Add	*20.34*	
		For Elevated Installation >40' Above Floor, Add	*22.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0311	EA	3" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	102.20	28.12
		For Work In Restricted Working Space, Add	*16.87*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.62*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.25*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.06*	
		For Elevated Installation >25' To 30' Above Floor, Add	*19.68*	
		For Elevated Installation >30' To 35' Above Floor, Add	*22.49*	
		For Elevated Installation >35' To 40' Above Floor, Add	*28.12*	
		For Elevated Installation >40' Above Floor, Add	*30.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.87*	
26 05 33 13-0312	EA	3-1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	117.19	31.70
		For Work In Restricted Working Space, Add	*19.02*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.34*	
		For Elevated Installation >15' To 20' Above Floor, Add	*12.68*	
		For Elevated Installation >20' To 25' Above Floor, Add	*15.85*	
		For Elevated Installation >25' To 30' Above Floor, Add	*22.19*	
		For Elevated Installation >30' To 35' Above Floor, Add	*25.36*	
		For Elevated Installation >35' To 40' Above Floor, Add	*31.71*	
		For Elevated Installation >40' Above Floor, Add	*34.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.02*	
26 05 33 13-0313	EA	4" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	144.57	41.28
		For Work In Restricted Working Space, Add	*24.77*	
		For Elevated Installation >10' To 15' Above Floor, Add	*8.26*	
		For Elevated Installation >15' To 20' Above Floor, Add	*16.51*	
		For Elevated Installation >20' To 25' Above Floor, Add	*20.64*	
		For Elevated Installation >25' To 30' Above Floor, Add	*28.89*	
		For Elevated Installation >30' To 35' Above Floor, Add	*33.02*	
		For Elevated Installation >35' To 40' Above Floor, Add	*41.28*	
		For Elevated Installation >40' Above Floor, Add	*45.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.77*	
26 05 33 13-0314	EA	5" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	219.78	56.83
		For Work In Restricted Working Space, Add	*34.10*	
		For Elevated Installation >10' To 15' Above Floor, Add	*11.37*	
		For Elevated Installation >15' To 20' Above Floor, Add	*22.73*	
		For Elevated Installation >20' To 25' Above Floor, Add	*28.42*	
		For Elevated Installation >25' To 30' Above Floor, Add	*39.78*	
		For Elevated Installation >30' To 35' Above Floor, Add	*45.46*	
		For Elevated Installation >35' To 40' Above Floor, Add	*56.83*	
		For Elevated Installation >40' Above Floor, Add	*62.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.10*	
26 05 33 13-0315	EA	6" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	286.28	72.87
		For Work In Restricted Working Space, Add	*43.75*	
		For Elevated Installation >10' To 15' Above Floor, Add	*14.58*	
		For Elevated Installation >15' To 20' Above Floor, Add	*29.17*	
		For Elevated Installation >20' To 25' Above Floor, Add	*36.46*	
		For Elevated Installation >25' To 30' Above Floor, Add	*51.04*	
		For Elevated Installation >30' To 35' Above Floor, Add	*58.33*	
		For Elevated Installation >35' To 40' Above Floor, Add	*72.92*	
		For Elevated Installation >40' Above Floor, Add	*80.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.75*	
26 05 33 13-0316	EA	1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	23.84	7.78
		For Work In Restricted Working Space, Add	*4.67*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.56*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.11*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.89*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.45*	
		For Elevated Installation >30' To 35' Above Floor, Add	*6.22*	
		For Elevated Installation >35' To 40' Above Floor, Add	*7.78*	
		For Elevated Installation >40' Above Floor, Add	*8.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.67*	
26 05 33 13-0317	EA	3/4" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	27.31	8.97
		For Work In Restricted Working Space, Add	*5.38*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.59*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.49*	
		For Elevated Installation >25' To 30' Above Floor, Add	*6.28*	
		For Elevated Installation >30' To 35' Above Floor, Add	*7.18*	
		For Elevated Installation >35' To 40' Above Floor, Add	*8.97*	
		For Elevated Installation >40' Above Floor, Add	*9.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.38*	
26 05 33 13-0318	EA	1" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	35.62	11.37
		For Work In Restricted Working Space, Add	*6.82*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.27*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.55*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.68*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.96*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.09*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.37*	
		For Elevated Installation >40' Above Floor, Add	*12.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0319	EA	1-1/4" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	43.57	13.16
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.63*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.26*	
		For Elevated Installation >20' To 25' Above Floor, Add	*6.58*	
		For Elevated Installation >25' To 30' Above Floor, Add	*9.21*	
		For Elevated Installation >30' To 35' Above Floor, Add	*10.53*	
		For Elevated Installation >35' To 40' Above Floor, Add	*13.16*	
		For Elevated Installation >40' Above Floor, Add	*14.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-0320	EA	1-1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	49.15	14.96
		For Work In Restricted Working Space, Add	*8.97*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.99*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.48*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.47*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.96*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.96*	
		For Elevated Installation >40' Above Floor, Add	*16.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.97*	
26 05 33 13-0321	EA	2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	57.43	16.75
		For Work In Restricted Working Space, Add	*10.05*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.35*	
		For Elevated Installation >15' To 20' Above Floor, Add	*6.70*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.38*	
		For Elevated Installation >25' To 30' Above Floor, Add	*11.73*	
		For Elevated Installation >30' To 35' Above Floor, Add	*13.40*	
		For Elevated Installation >35' To 40' Above Floor, Add	*16.75*	
		For Elevated Installation >40' Above Floor, Add	*18.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.05*	
26 05 33 13-0322	EA	2-1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	84.86	20.34
		For Work In Restricted Working Space, Add	*12.20*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.07*	
		For Elevated Installation >15' To 20' Above Floor, Add	*8.14*	
		For Elevated Installation >20' To 25' Above Floor, Add	*10.17*	
		For Elevated Installation >25' To 30' Above Floor, Add	*14.24*	
		For Elevated Installation >30' To 35' Above Floor, Add	*16.27*	
		For Elevated Installation >35' To 40' Above Floor, Add	*20.34*	
		For Elevated Installation >40' Above Floor, Add	*22.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 05 33 13-0323	EA	3" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	112.04	28.12
		For Work In Restricted Working Space, Add	*16.87*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.62*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.25*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.06*	
		For Elevated Installation >25' To 30' Above Floor, Add	*19.68*	
		For Elevated Installation >30' To 35' Above Floor, Add	*22.49*	
		For Elevated Installation >35' To 40' Above Floor, Add	*28.12*	
		For Elevated Installation >40' Above Floor, Add	*30.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.87*	
26 05 33 13-0324	EA	3-1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	126.26	31.70
		For Work In Restricted Working Space, Add	*19.02*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.34*	
		For Elevated Installation >15' To 20' Above Floor, Add	*12.68*	
		For Elevated Installation >20' To 25' Above Floor, Add	*15.85*	
		For Elevated Installation >25' To 30' Above Floor, Add	*22.19*	
		For Elevated Installation >30' To 35' Above Floor, Add	*25.36*	
		For Elevated Installation >35' To 40' Above Floor, Add	*31.71*	
		For Elevated Installation >40' Above Floor, Add	*34.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.02*	
26 05 33 13-0325	EA	4" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	156.39	41.28
		For Work In Restricted Working Space, Add	*24.77*	
		For Elevated Installation >10' To 15' Above Floor, Add	*8.26*	
		For Elevated Installation >15' To 20' Above Floor, Add	*16.51*	
		For Elevated Installation >20' To 25' Above Floor, Add	*20.64*	
		For Elevated Installation >25' To 30' Above Floor, Add	*28.89*	
		For Elevated Installation >30' To 35' Above Floor, Add	*33.02*	
		For Elevated Installation >35' To 40' Above Floor, Add	*41.28*	
		For Elevated Installation >40' Above Floor, Add	*45.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.77*	
26 05 33 13-0326	EA	5" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	242.20	56.83
		For Work In Restricted Working Space, Add	*34.10*	
		For Elevated Installation >10' To 15' Above Floor, Add	*11.37*	
		For Elevated Installation >15' To 20' Above Floor, Add	*22.73*	
		For Elevated Installation >20' To 25' Above Floor, Add	*28.42*	
		For Elevated Installation >25' To 30' Above Floor, Add	*39.78*	
		For Elevated Installation >30' To 35' Above Floor, Add	*45.46*	
		For Elevated Installation >35' To 40' Above Floor, Add	*56.83*	
		For Elevated Installation >40' Above Floor, Add	*62.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0327	EA	6" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	301.89	72.87
		For Work In Restricted Working Space, Add	*43.75*	
		For Elevated Installation >10' To 15' Above Floor, Add	*14.58*	
		For Elevated Installation >15' To 20' Above Floor, Add	*29.17*	
		For Elevated Installation >20' To 25' Above Floor, Add	*36.46*	
		For Elevated Installation >25' To 30' Above Floor, Add	*51.04*	
		For Elevated Installation >30' To 35' Above Floor, Add	*58.33*	
		For Elevated Installation >35' To 40' Above Floor, Add	*72.92*	
		For Elevated Installation >40' Above Floor, Add	*80.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.75*	
26 05 33 13-0328		**Rigid Galvanized Steel (RGS) Off-Set Nipples** *(26 05 33 13-0060)*		
26 05 33 13-0329	EA	1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple	17.87	6.22
		For Work In Restricted Working Space, Add	*4.70*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.57*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.14*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.92*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.49*	
		For Elevated Installation >30' To 35' Above Floor, Add	*6.27*	
		For Elevated Installation >35' To 40' Above Floor, Add	*7.84*	
		For Elevated Installation >40' Above Floor, Add	*8.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.70*	
26 05 33 13-0330	EA	3/4" Rigid Galvanized Steel (RGS) Off-Set Nipple	21.20	7.18
		For Work In Restricted Working Space, Add	*5.36*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.57*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.46*	
		For Elevated Installation >25' To 30' Above Floor, Add	*6.25*	
		For Elevated Installation >30' To 35' Above Floor, Add	*7.14*	
		For Elevated Installation >35' To 40' Above Floor, Add	*8.93*	
		For Elevated Installation >40' Above Floor, Add	*9.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.36*	
26 05 33 13-0331	EA	1" Rigid Galvanized Steel (RGS) Off-Set Nipple	26.65	9.09
		For Work In Restricted Working Space, Add	*6.85*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.28*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.56*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.71*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.99*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.13*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.41*	
		For Elevated Installation >40' Above Floor, Add	*12.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.85*	
26 05 33 13-0332	EA	1-1/4" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	33.53	10.89
		For Work In Restricted Working Space, Add	*8.21*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.74*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.47*	
		For Elevated Installation >20' To 25' Above Floor, Add	*6.84*	
		For Elevated Installation >25' To 30' Above Floor, Add	*9.57*	
		For Elevated Installation >30' To 35' Above Floor, Add	*10.94*	
		For Elevated Installation >35' To 40' Above Floor, Add	*13.68*	
		For Elevated Installation >40' Above Floor, Add	*15.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.21*	
26 05 33 13-0333	EA	1-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	36.72	11.97
		For Work In Restricted Working Space, Add	*8.98*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.99*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.99*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.49*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.48*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.98*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.97*	
		For Elevated Installation >40' Above Floor, Add	*16.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.98*	
26 05 33 13-0334	EA	2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	47.65	14.71
		For Work In Restricted Working Space, Add	*11.06*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.69*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.38*	
		For Elevated Installation >20' To 25' Above Floor, Add	*9.22*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.91*	
		For Elevated Installation >30' To 35' Above Floor, Add	*14.75*	
		For Elevated Installation >35' To 40' Above Floor, Add	*18.44*	
		For Elevated Installation >40' Above Floor, Add	*20.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.06*	
26 05 33 13-0335	EA	2-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	77.76	23.93
		For Work In Restricted Working Space, Add	*17.95*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.98*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.96*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.96*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.93*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.91*	
		For Elevated Installation >40' Above Floor, Add	*32.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0336	EA	3" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	123.31	33.03
		For Work In Restricted Working Space, Add	*24.77*	
		For Elevated Installation >10' To 15' Above Floor, Add	*8.26*	
		For Elevated Installation >15' To 20' Above Floor, Add	*16.51*	
		For Elevated Installation >20' To 25' Above Floor, Add	*20.64*	
		For Elevated Installation >25' To 30' Above Floor, Add	*28.90*	
		For Elevated Installation >30' To 35' Above Floor, Add	*33.02*	
		For Elevated Installation >35' To 40' Above Floor, Add	*41.28*	
		For Elevated Installation >40' Above Floor, Add	*45.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.77*	
26 05 33 13-0337	EA	3-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	152.01	39.01
		For Work In Restricted Working Space, Add	*29.09*	
		For Elevated Installation >10' To 15' Above Floor, Add	*9.70*	
		For Elevated Installation >15' To 20' Above Floor, Add	*19.40*	
		For Elevated Installation >20' To 25' Above Floor, Add	*24.25*	
		For Elevated Installation >25' To 30' Above Floor, Add	*33.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*38.79*	
		For Elevated Installation >35' To 40' Above Floor, Add	*48.49*	
		For Elevated Installation >40' Above Floor, Add	*53.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.09*	
26 05 33 13-0338	EA	4" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	181.71	44.99
		For Work In Restricted Working Space, Add	*33.74*	
		For Elevated Installation >10' To 15' Above Floor, Add	*11.25*	
		For Elevated Installation >15' To 20' Above Floor, Add	*22.50*	
		For Elevated Installation >20' To 25' Above Floor, Add	*28.12*	
		For Elevated Installation >25' To 30' Above Floor, Add	*39.37*	
		For Elevated Installation >30' To 35' Above Floor, Add	*44.99*	
		For Elevated Installation >35' To 40' Above Floor, Add	*56.24*	
		For Elevated Installation >40' Above Floor, Add	*61.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.74*	
26 05 33 13-0339		**Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling** *(26 05 33 13-0060)*		
		Note: Erickson fittings.		
26 05 33 13-0340	EA	1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	50.69	19.14
		For Work In Restricted Working Space, Add	*14.38*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.58*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.98*	
		For Elevated Installation >25' To 30' Above Floor, Add	*16.77*	
		For Elevated Installation >30' To 35' Above Floor, Add	*19.17*	
		For Elevated Installation >35' To 40' Above Floor, Add	*23.96*	
		For Elevated Installation >40' Above Floor, Add	*26.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.38*	
26 05 33 13-0341	EA	3/4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	57.03	21.42
		For Work In Restricted Working Space, Add	*16.04*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.35*	
		For Elevated Installation >15' To 20' Above Floor, Add	*10.70*	
		For Elevated Installation >20' To 25' Above Floor, Add	*13.37*	
		For Elevated Installation >25' To 30' Above Floor, Add	*18.72*	
		For Elevated Installation >30' To 35' Above Floor, Add	*21.39*	
		For Elevated Installation >35' To 40' Above Floor, Add	*26.74*	
		For Elevated Installation >40' Above Floor, Add	*29.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.04*	
26 05 33 13-0342	EA	1" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	66.12	23.81
		For Work In Restricted Working Space, Add	*17.87*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.96*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.91*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.89*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.85*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.83*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.79*	
		For Elevated Installation >40' Above Floor, Add	*32.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.87*	
26 05 33 13-0343	EA	1-1/4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	79.17	26.08
		For Work In Restricted Working Space, Add	*19.56*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.52*	
		For Elevated Installation >15' To 20' Above Floor, Add	*13.04*	
		For Elevated Installation >20' To 25' Above Floor, Add	*16.30*	
		For Elevated Installation >25' To 30' Above Floor, Add	*22.82*	
		For Elevated Installation >30' To 35' Above Floor, Add	*26.08*	
		For Elevated Installation >35' To 40' Above Floor, Add	*32.60*	
		For Elevated Installation >40' Above Floor, Add	*35.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.56*	
26 05 33 13-0344	EA	1-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	88.07	28.48
		For Work In Restricted Working Space, Add	*21.40*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.13*	
		For Elevated Installation >15' To 20' Above Floor, Add	*14.26*	
		For Elevated Installation >20' To 25' Above Floor, Add	*17.83*	
		For Elevated Installation >25' To 30' Above Floor, Add	*24.96*	
		For Elevated Installation >30' To 35' Above Floor, Add	*28.53*	
		For Elevated Installation >35' To 40' Above Floor, Add	*35.66*	
		For Elevated Installation >40' Above Floor, Add	*39.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0345	EA	2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	110.79	30.87
		For Work In Restricted Working Space, Add	*23.17*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.72*	
		For Elevated Installation >15' To 20' Above Floor, Add	*15.45*	
		For Elevated Installation >20' To 25' Above Floor, Add	*19.31*	
		For Elevated Installation >25' To 30' Above Floor, Add	*27.03*	
		For Elevated Installation >30' To 35' Above Floor, Add	*30.90*	
		For Elevated Installation >35' To 40' Above Floor, Add	*38.62*	
		For Elevated Installation >40' Above Floor, Add	*42.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.17*	
26 05 33 13-0346	EA	2-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	173.43	38.29
		For Work In Restricted Working Space, Add	*28.72*	
		For Elevated Installation >10' To 15' Above Floor, Add	*9.57*	
		For Elevated Installation >15' To 20' Above Floor, Add	*19.14*	
		For Elevated Installation >20' To 25' Above Floor, Add	*23.93*	
		For Elevated Installation >25' To 30' Above Floor, Add	*33.50*	
		For Elevated Installation >30' To 35' Above Floor, Add	*38.29*	
		For Elevated Installation >35' To 40' Above Floor, Add	*47.86*	
		For Elevated Installation >40' Above Floor, Add	*52.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.72*	
26 05 33 13-0347	EA	3" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	237.60	47.86
		For Work In Restricted Working Space, Add	*35.90*	
		For Elevated Installation >10' To 15' Above Floor, Add	*11.97*	
		For Elevated Installation >15' To 20' Above Floor, Add	*23.93*	
		For Elevated Installation >20' To 25' Above Floor, Add	*29.91*	
		For Elevated Installation >25' To 30' Above Floor, Add	*41.88*	
		For Elevated Installation >30' To 35' Above Floor, Add	*47.86*	
		For Elevated Installation >35' To 40' Above Floor, Add	*59.83*	
		For Elevated Installation >40' Above Floor, Add	*65.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.90*	
26 05 33 13-0348	EA	3-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	340.09	57.44
		For Work In Restricted Working Space, Add	*43.09*	
		For Elevated Installation >10' To 15' Above Floor, Add	*14.36*	
		For Elevated Installation >15' To 20' Above Floor, Add	*28.73*	
		For Elevated Installation >20' To 25' Above Floor, Add	*35.91*	
		For Elevated Installation >25' To 30' Above Floor, Add	*50.27*	
		For Elevated Installation >30' To 35' Above Floor, Add	*57.45*	
		For Elevated Installation >35' To 40' Above Floor, Add	*71.82*	
		For Elevated Installation >40' Above Floor, Add	*79.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.09*	
26 05 33 13-0349	EA	4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	386.57	62.22
		For Work In Restricted Working Space, Add	*46.66*	
		For Elevated Installation >10' To 15' Above Floor, Add	*15.55*	
		For Elevated Installation >15' To 20' Above Floor, Add	*31.11*	
		For Elevated Installation >20' To 25' Above Floor, Add	*38.89*	
		For Elevated Installation >25' To 30' Above Floor, Add	*54.44*	
		For Elevated Installation >30' To 35' Above Floor, Add	*62.22*	
		For Elevated Installation >35' To 40' Above Floor, Add	*77.77*	
		For Elevated Installation >40' Above Floor, Add	*85.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.66*	
26 05 33 13-0350	EA	5" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	665.58	76.58
		For Work In Restricted Working Space, Add	*57.43*	
		For Elevated Installation >10' To 15' Above Floor, Add	*19.14*	
		For Elevated Installation >15' To 20' Above Floor, Add	*38.28*	
		For Elevated Installation >20' To 25' Above Floor, Add	*47.86*	
		For Elevated Installation >25' To 30' Above Floor, Add	*67.00*	
		For Elevated Installation >30' To 35' Above Floor, Add	*76.57*	
		For Elevated Installation >35' To 40' Above Floor, Add	*95.71*	
		For Elevated Installation >40' Above Floor, Add	*105.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.43*	
26 05 33 13-0351	EA	6" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	853.35	88.54
		For Work In Restricted Working Space, Add	*66.40*	
		For Elevated Installation >10' To 15' Above Floor, Add	*22.13*	
		For Elevated Installation >15' To 20' Above Floor, Add	*44.27*	
		For Elevated Installation >20' To 25' Above Floor, Add	*55.33*	
		For Elevated Installation >25' To 30' Above Floor, Add	*77.47*	
		For Elevated Installation >30' To 35' Above Floor, Add	*88.53*	
		For Elevated Installation >35' To 40' Above Floor, Add	*110.67*	
		For Elevated Installation >40' Above Floor, Add	*121.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.40*	

26 05 33 13-0352 Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connectors *(26 05 33 13-0060)*

26 05 33 13-0353	EA	1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	29.81	9.57
		For Work In Restricted Working Space, Add	*7.18*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.39*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.79*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.98*	
		For Elevated Installation >25' To 30' Above Floor, Add	*8.38*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.57*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.97*	
		For Elevated Installation >40' Above Floor, Add	*13.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0354	EA	3/4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	33.27	10.52
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.63*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.26*	
		For Elevated Installation >20' To 25' Above Floor, Add	*6.58*	
		For Elevated Installation >25' To 30' Above Floor, Add	*9.21*	
		For Elevated Installation >30' To 35' Above Floor, Add	*10.53*	
		For Elevated Installation >35' To 40' Above Floor, Add	*13.16*	
		For Elevated Installation >40' Above Floor, Add	*14.48*	
26 05 33 13-0355	EA	1" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	38.20	11.97
		For Work In Restricted Working Space, Add	*8.98*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.99*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.48*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.47*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.97*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.96*	
		For Elevated Installation >40' Above Floor, Add	*16.46*	
26 05 33 13-0356	EA	1-1/4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	43.24	12.92
		For Work In Restricted Working Space, Add	*9.69*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.23*	
		For Elevated Installation >15' To 20' Above Floor, Add	*6.46*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.08*	
		For Elevated Installation >25' To 30' Above Floor, Add	*11.31*	
		For Elevated Installation >30' To 35' Above Floor, Add	*12.92*	
		For Elevated Installation >35' To 40' Above Floor, Add	*16.16*	
		For Elevated Installation >40' Above Floor, Add	*17.77*	
26 05 33 13-0357	EA	1-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	51.12	14.35
		For Work In Restricted Working Space, Add	*10.77*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.59*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.18*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.56*	
		For Elevated Installation >30' To 35' Above Floor, Add	*14.36*	
		For Elevated Installation >35' To 40' Above Floor, Add	*17.95*	
		For Elevated Installation >40' Above Floor, Add	*19.74*	
26 05 33 13-0358	EA	2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	62.01	15.80
		For Work In Restricted Working Space, Add	*11.85*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.95*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.90*	
		For Elevated Installation >20' To 25' Above Floor, Add	*9.87*	
		For Elevated Installation >25' To 30' Above Floor, Add	*13.82*	
		For Elevated Installation >30' To 35' Above Floor, Add	*15.80*	
		For Elevated Installation >35' To 40' Above Floor, Add	*19.75*	
		For Elevated Installation >40' Above Floor, Add	*21.72*	
26 05 33 13-0359	EA	2-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	83.95	19.14
		For Work In Restricted Working Space, Add	*14.36*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.57*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*16.75*	
		For Elevated Installation >30' To 35' Above Floor, Add	*19.14*	
		For Elevated Installation >35' To 40' Above Floor, Add	*23.93*	
		For Elevated Installation >40' Above Floor, Add	*26.32*	
26 05 33 13-0360	EA	3" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	103.87	23.93
		For Work In Restricted Working Space, Add	*17.95*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.98*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.97*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.96*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.93*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.92*	
		For Elevated Installation >40' Above Floor, Add	*32.91*	
26 05 33 13-0361	EA	3-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	124.77	28.72
		For Work In Restricted Working Space, Add	*21.54*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.18*	
		For Elevated Installation >15' To 20' Above Floor, Add	*14.36*	
		For Elevated Installation >20' To 25' Above Floor, Add	*17.95*	
		For Elevated Installation >25' To 30' Above Floor, Add	*25.13*	
		For Elevated Installation >30' To 35' Above Floor, Add	*28.72*	
		For Elevated Installation >35' To 40' Above Floor, Add	*35.90*	
		For Elevated Installation >40' Above Floor, Add	*39.48*	
26 05 33 13-0362	EA	4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	140.69	31.11
		For Work In Restricted Working Space, Add	*23.33*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.78*	
		For Elevated Installation >15' To 20' Above Floor, Add	*15.55*	
		For Elevated Installation >20' To 25' Above Floor, Add	*19.44*	
		For Elevated Installation >25' To 30' Above Floor, Add	*27.22*	
		For Elevated Installation >30' To 35' Above Floor, Add	*31.11*	
		For Elevated Installation >35' To 40' Above Floor, Add	*38.89*	
		For Elevated Installation >40' Above Floor, Add	*42.77*	

26 05 33 13-0363 Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs *(26 05 33 13-0060)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0364	EA	1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	26.42	10.77
		For Work In Restricted Working Space, Add	*6.46*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.15*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.31*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.39*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.54*	
		For Elevated Installation >30' To 35' Above Floor, Add	*8.62*	
		For Elevated Installation >35' To 40' Above Floor, Add	*10.77*	
		For Elevated Installation >40' Above Floor, Add	*11.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.46*	
26 05 33 13-0365	EA	3/4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	29.44	11.97
		For Work In Restricted Working Space, Add	*7.18*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.39*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.79*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.98*	
		For Elevated Installation >25' To 30' Above Floor, Add	*8.38*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.57*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.97*	
		For Elevated Installation >40' Above Floor, Add	*13.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.18*	
26 05 33 13-0366	EA	1" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	36.37	14.96
		For Work In Restricted Working Space, Add	*8.97*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.99*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.48*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.47*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.96*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.96*	
		For Elevated Installation >40' Above Floor, Add	*16.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.97*	
26 05 33 13-0367	EA	1-1/4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	44.67	17.95
		For Work In Restricted Working Space, Add	*10.77*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.59*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.18*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.56*	
		For Elevated Installation >30' To 35' Above Floor, Add	*14.36*	
		For Elevated Installation >35' To 40' Above Floor, Add	*17.95*	
		For Elevated Installation >40' Above Floor, Add	*19.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.77*	
26 05 33 13-0368	EA	1-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	57.51	23.93
		For Work In Restricted Working Space, Add	*14.36*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.57*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*16.75*	
		For Elevated Installation >30' To 35' Above Floor, Add	*19.14*	
		For Elevated Installation >35' To 40' Above Floor, Add	*23.93*	
		For Elevated Installation >40' Above Floor, Add	*26.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.36*	
26 05 33 13-0369	EA	2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	66.74	26.92
		For Work In Restricted Working Space, Add	*16.16*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.39*	
		For Elevated Installation >15' To 20' Above Floor, Add	*10.77*	
		For Elevated Installation >20' To 25' Above Floor, Add	*13.46*	
		For Elevated Installation >25' To 30' Above Floor, Add	*18.85*	
		For Elevated Installation >30' To 35' Above Floor, Add	*21.54*	
		For Elevated Installation >35' To 40' Above Floor, Add	*26.93*	
		For Elevated Installation >40' Above Floor, Add	*29.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.16*	
26 05 33 13-0370	EA	2-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	81.72	29.91
		For Work In Restricted Working Space, Add	*17.95*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.98*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.97*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.96*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.93*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.92*	
		For Elevated Installation >40' Above Floor, Add	*32.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.95*	
26 05 33 13-0371	EA	3" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	109.70	37.69
		For Work In Restricted Working Space, Add	*22.61*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.54*	
		For Elevated Installation >15' To 20' Above Floor, Add	*15.08*	
		For Elevated Installation >20' To 25' Above Floor, Add	*18.85*	
		For Elevated Installation >25' To 30' Above Floor, Add	*26.38*	
		For Elevated Installation >30' To 35' Above Floor, Add	*30.15*	
		For Elevated Installation >35' To 40' Above Floor, Add	*37.69*	
		For Elevated Installation >40' Above Floor, Add	*41.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0372	EA	3-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	130.33	45.47
		For Work In Restricted Working Space, Add	*27.28*	
		For Elevated Installation >10' To 15' Above Floor, Add	*9.09*	
		For Elevated Installation >15' To 20' Above Floor, Add	*18.19*	
		For Elevated Installation >20' To 25' Above Floor, Add	*22.73*	
		For Elevated Installation >25' To 30' Above Floor, Add	*31.83*	
		For Elevated Installation >30' To 35' Above Floor, Add	*36.37*	
		For Elevated Installation >35' To 40' Above Floor, Add	*45.47*	
		For Elevated Installation >40' Above Floor, Add	*50.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.28*	
26 05 33 13-0373	EA	4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	159.63	53.85
		For Work In Restricted Working Space, Add	*32.30*	
		For Elevated Installation >10' To 15' Above Floor, Add	*10.77*	
		For Elevated Installation >15' To 20' Above Floor, Add	*21.54*	
		For Elevated Installation >20' To 25' Above Floor, Add	*26.92*	
		For Elevated Installation >25' To 30' Above Floor, Add	*37.69*	
		For Elevated Installation >30' To 35' Above Floor, Add	*43.07*	
		For Elevated Installation >35' To 40' Above Floor, Add	*53.84*	
		For Elevated Installation >40' Above Floor, Add	*59.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.30*	

26 05 33 13-0374 Rigid Galvanized Steel (RGS) Expansion Fittings, 4" Conduit Movement *(26 05 33 13-0060)*

Note: Type AX

26 05 33 13-0375	EA	1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	136.10	19.14
		For Work In Restricted Working Space, Add	*14.36*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.57*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*16.75*	
		For Elevated Installation >30' To 35' Above Floor, Add	*19.15*	
		For Elevated Installation >35' To 40' Above Floor, Add	*23.94*	
		For Elevated Installation >40' Above Floor, Add	*26.33*	
26 05 33 13-0376	EA	3/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	154.56	21.54
		For Work In Restricted Working Space, Add	*16.15*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.38*	
		For Elevated Installation >15' To 20' Above Floor, Add	*10.77*	
		For Elevated Installation >20' To 25' Above Floor, Add	*13.46*	
		For Elevated Installation >25' To 30' Above Floor, Add	*18.84*	
		For Elevated Installation >30' To 35' Above Floor, Add	*21.54*	
		For Elevated Installation >35' To 40' Above Floor, Add	*26.92*	
		For Elevated Installation >40' Above Floor, Add	*29.61*	
26 05 33 13-0377	EA	1" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	183.74	23.93
		For Work In Restricted Working Space, Add	*17.95*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.98*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.97*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.96*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.93*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.92*	
		For Elevated Installation >40' Above Floor, Add	*32.91*	
26 05 33 13-0378	EA	1-1/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	226.31	26.32
		For Work In Restricted Working Space, Add	*19.74*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.58*	
		For Elevated Installation >15' To 20' Above Floor, Add	*13.16*	
		For Elevated Installation >20' To 25' Above Floor, Add	*16.45*	
		For Elevated Installation >25' To 30' Above Floor, Add	*23.03*	
		For Elevated Installation >30' To 35' Above Floor, Add	*26.32*	
		For Elevated Installation >35' To 40' Above Floor, Add	*32.91*	
		For Elevated Installation >40' Above Floor, Add	*36.20*	
26 05 33 13-0379	EA	1-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	286.29	28.72
		For Work In Restricted Working Space, Add	*21.54*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.18*	
		For Elevated Installation >15' To 20' Above Floor, Add	*14.36*	
		For Elevated Installation >20' To 25' Above Floor, Add	*17.95*	
		For Elevated Installation >25' To 30' Above Floor, Add	*25.13*	
		For Elevated Installation >30' To 35' Above Floor, Add	*28.72*	
		For Elevated Installation >35' To 40' Above Floor, Add	*35.90*	
		For Elevated Installation >40' Above Floor, Add	*39.48*	
26 05 33 13-0380	EA	2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	399.50	31.11
		For Work In Restricted Working Space, Add	*23.33*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.78*	
		For Elevated Installation >15' To 20' Above Floor, Add	*15.55*	
		For Elevated Installation >20' To 25' Above Floor, Add	*19.44*	
		For Elevated Installation >25' To 30' Above Floor, Add	*27.22*	
		For Elevated Installation >30' To 35' Above Floor, Add	*31.10*	
		For Elevated Installation >35' To 40' Above Floor, Add	*38.88*	
		For Elevated Installation >40' Above Floor, Add	*42.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0381	EA	2-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	615.83	38.29
		For Work In Restricted Working Space, Add	*28.72*	
		For Elevated Installation >10' To 15' Above Floor, Add	*9.57*	
		For Elevated Installation >15' To 20' Above Floor, Add	*19.14*	
		For Elevated Installation >20' To 25' Above Floor, Add	*23.93*	
		For Elevated Installation >25' To 30' Above Floor, Add	*33.50*	
		For Elevated Installation >30' To 35' Above Floor, Add	*38.29*	
		For Elevated Installation >35' To 40' Above Floor, Add	*47.86*	
		For Elevated Installation >40' Above Floor, Add	*52.65*	
26 05 33 13-0382	EA	3" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	789.53	47.86
		For Work In Restricted Working Space, Add	*35.90*	
		For Elevated Installation >10' To 15' Above Floor, Add	*11.97*	
		For Elevated Installation >15' To 20' Above Floor, Add	*23.93*	
		For Elevated Installation >20' To 25' Above Floor, Add	*29.91*	
		For Elevated Installation >25' To 30' Above Floor, Add	*41.88*	
		For Elevated Installation >30' To 35' Above Floor, Add	*47.86*	
		For Elevated Installation >35' To 40' Above Floor, Add	*59.83*	
		For Elevated Installation >40' Above Floor, Add	*65.81*	
26 05 33 13-0383	EA	3-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	1,158.02	57.44
		For Work In Restricted Working Space, Add	*43.08*	
		For Elevated Installation >10' To 15' Above Floor, Add	*14.36*	
		For Elevated Installation >15' To 20' Above Floor, Add	*28.72*	
		For Elevated Installation >20' To 25' Above Floor, Add	*35.90*	
		For Elevated Installation >25' To 30' Above Floor, Add	*50.26*	
		For Elevated Installation >30' To 35' Above Floor, Add	*57.44*	
		For Elevated Installation >35' To 40' Above Floor, Add	*71.80*	
		For Elevated Installation >40' Above Floor, Add	*78.98*	
26 05 33 13-0384	EA	4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	1,234.01	62.22
		For Work In Restricted Working Space, Add	*46.66*	
		For Elevated Installation >10' To 15' Above Floor, Add	*15.55*	
		For Elevated Installation >15' To 20' Above Floor, Add	*31.11*	
		For Elevated Installation >20' To 25' Above Floor, Add	*38.89*	
		For Elevated Installation >25' To 30' Above Floor, Add	*54.44*	
		For Elevated Installation >30' To 35' Above Floor, Add	*62.22*	
		For Elevated Installation >35' To 40' Above Floor, Add	*77.77*	
		For Elevated Installation >40' Above Floor, Add	*85.55*	
26 05 33 13-0385	EA	5" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	1,898.28	76.58
		For Work In Restricted Working Space, Add	*57.43*	
		For Elevated Installation >10' To 15' Above Floor, Add	*19.14*	
		For Elevated Installation >15' To 20' Above Floor, Add	*38.29*	
		For Elevated Installation >20' To 25' Above Floor, Add	*47.86*	
		For Elevated Installation >25' To 30' Above Floor, Add	*67.00*	
		For Elevated Installation >30' To 35' Above Floor, Add	*76.58*	
		For Elevated Installation >35' To 40' Above Floor, Add	*95.72*	
		For Elevated Installation >40' Above Floor, Add	*105.29*	
26 05 33 13-0386	EA	6" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	2,335.85	84.95
		For Work In Restricted Working Space, Add	*63.75*	
		For Elevated Installation >10' To 15' Above Floor, Add	*21.25*	
		For Elevated Installation >15' To 20' Above Floor, Add	*42.50*	
		For Elevated Installation >20' To 25' Above Floor, Add	*53.13*	
		For Elevated Installation >25' To 30' Above Floor, Add	*74.38*	
		For Elevated Installation >30' To 35' Above Floor, Add	*85.00*	
		For Elevated Installation >35' To 40' Above Floor, Add	*106.25*	
		For Elevated Installation >40' Above Floor, Add	*116.88*	

26 05 33 13-0387 Rigid Galvanized Steel (RGS) Expansion Fittings, 8" Conduit Movement *(26 05 33 13-0060)*

Note: Type AX-8

26 05 33 13-0388	EA	1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	150.85	19.14
		For Work In Restricted Working Space, Add	*14.36*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.57*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*16.75*	
		For Elevated Installation >30' To 35' Above Floor, Add	*19.15*	
		For Elevated Installation >35' To 40' Above Floor, Add	*23.94*	
		For Elevated Installation >40' Above Floor, Add	*26.33*	
26 05 33 13-0389	EA	3/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	167.63	21.54
		For Work In Restricted Working Space, Add	*16.15*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.38*	
		For Elevated Installation >15' To 20' Above Floor, Add	*10.77*	
		For Elevated Installation >20' To 25' Above Floor, Add	*13.46*	
		For Elevated Installation >25' To 30' Above Floor, Add	*18.84*	
		For Elevated Installation >30' To 35' Above Floor, Add	*21.54*	
		For Elevated Installation >35' To 40' Above Floor, Add	*26.92*	
		For Elevated Installation >40' Above Floor, Add	*29.61*	
26 05 33 13-0390	EA	1" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	204.25	23.93
		For Work In Restricted Working Space, Add	*17.95*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.98*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.97*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.96*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.93*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.92*	
		For Elevated Installation >40' Above Floor, Add	*32.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0391	EA	1-1/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	258.61	26.32
		For Work In Restricted Working Space, Add	*19.74*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.58*	
		For Elevated Installation >15' To 20' Above Floor, Add	*13.16*	
		For Elevated Installation >20' To 25' Above Floor, Add	*16.45*	
		For Elevated Installation >25' To 30' Above Floor, Add	*23.03*	
		For Elevated Installation >30' To 35' Above Floor, Add	*26.32*	
		For Elevated Installation >35' To 40' Above Floor, Add	*32.91*	
		For Elevated Installation >40' Above Floor, Add	*36.20*	
26 05 33 13-0392	EA	1-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	350.46	28.72
		For Work In Restricted Working Space, Add	*21.54*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.18*	
		For Elevated Installation >15' To 20' Above Floor, Add	*14.36*	
		For Elevated Installation >20' To 25' Above Floor, Add	*17.95*	
		For Elevated Installation >25' To 30' Above Floor, Add	*25.13*	
		For Elevated Installation >30' To 35' Above Floor, Add	*28.72*	
		For Elevated Installation >35' To 40' Above Floor, Add	*35.90*	
		For Elevated Installation >40' Above Floor, Add	*39.48*	
26 05 33 13-0393	EA	2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	430.16	31.11
		For Work In Restricted Working Space, Add	*23.33*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.78*	
		For Elevated Installation >15' To 20' Above Floor, Add	*15.55*	
		For Elevated Installation >20' To 25' Above Floor, Add	*19.44*	
		For Elevated Installation >25' To 30' Above Floor, Add	*27.22*	
		For Elevated Installation >30' To 35' Above Floor, Add	*31.10*	
		For Elevated Installation >35' To 40' Above Floor, Add	*38.88*	
		For Elevated Installation >40' Above Floor, Add	*42.77*	
26 05 33 13-0394	EA	2-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	814.62	38.29
		For Work In Restricted Working Space, Add	*28.72*	
		For Elevated Installation >10' To 15' Above Floor, Add	*9.57*	
		For Elevated Installation >15' To 20' Above Floor, Add	*19.14*	
		For Elevated Installation >20' To 25' Above Floor, Add	*23.93*	
		For Elevated Installation >25' To 30' Above Floor, Add	*33.50*	
		For Elevated Installation >30' To 35' Above Floor, Add	*38.29*	
		For Elevated Installation >35' To 40' Above Floor, Add	*47.86*	
		For Elevated Installation >40' Above Floor, Add	*52.65*	
26 05 33 13-0395	EA	3" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	925.27	47.86
		For Work In Restricted Working Space, Add	*35.90*	
		For Elevated Installation >10' To 15' Above Floor, Add	*11.97*	
		For Elevated Installation >15' To 20' Above Floor, Add	*23.93*	
		For Elevated Installation >20' To 25' Above Floor, Add	*29.91*	
		For Elevated Installation >25' To 30' Above Floor, Add	*41.88*	
		For Elevated Installation >30' To 35' Above Floor, Add	*47.86*	
		For Elevated Installation >35' To 40' Above Floor, Add	*59.83*	
		For Elevated Installation >40' Above Floor, Add	*65.81*	
26 05 33 13-0396	EA	3-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	1,426.28	57.44
		For Work In Restricted Working Space, Add	*43.08*	
		For Elevated Installation >10' To 15' Above Floor, Add	*14.36*	
		For Elevated Installation >15' To 20' Above Floor, Add	*28.72*	
		For Elevated Installation >20' To 25' Above Floor, Add	*35.90*	
		For Elevated Installation >25' To 30' Above Floor, Add	*50.26*	
		For Elevated Installation >30' To 35' Above Floor, Add	*57.44*	
		For Elevated Installation >35' To 40' Above Floor, Add	*71.80*	
		For Elevated Installation >40' Above Floor, Add	*78.98*	
26 05 33 13-0397	EA	4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	1,544.07	62.22
		For Work In Restricted Working Space, Add	*46.66*	
		For Elevated Installation >10' To 15' Above Floor, Add	*15.55*	
		For Elevated Installation >15' To 20' Above Floor, Add	*31.11*	
		For Elevated Installation >20' To 25' Above Floor, Add	*38.89*	
		For Elevated Installation >25' To 30' Above Floor, Add	*54.44*	
		For Elevated Installation >30' To 35' Above Floor, Add	*62.22*	
		For Elevated Installation >35' To 40' Above Floor, Add	*77.77*	
		For Elevated Installation >40' Above Floor, Add	*85.55*	
26 05 33 13-0398	EA	5" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	2,159.64	76.58
		For Work In Restricted Working Space, Add	*57.43*	
		For Elevated Installation >10' To 15' Above Floor, Add	*19.14*	
		For Elevated Installation >15' To 20' Above Floor, Add	*38.29*	
		For Elevated Installation >20' To 25' Above Floor, Add	*47.86*	
		For Elevated Installation >25' To 30' Above Floor, Add	*67.00*	
		For Elevated Installation >30' To 35' Above Floor, Add	*76.58*	
		For Elevated Installation >35' To 40' Above Floor, Add	*95.72*	
		For Elevated Installation >40' Above Floor, Add	*105.29*	
26 05 33 13-0399	EA	6" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	2,672.11	84.95
		For Work In Restricted Working Space, Add	*63.75*	
		For Elevated Installation >10' To 15' Above Floor, Add	*21.25*	
		For Elevated Installation >15' To 20' Above Floor, Add	*42.50*	
		For Elevated Installation >20' To 25' Above Floor, Add	*53.13*	
		For Elevated Installation >25' To 30' Above Floor, Add	*74.38*	
		For Elevated Installation >30' To 35' Above Floor, Add	*85.00*	
		For Elevated Installation >35' To 40' Above Floor, Add	*106.25*	
		For Elevated Installation >40' Above Floor, Add	*116.88*	

26 05 33 13-0400 Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fittings, 8" Conduit Movement *(26 05 33 13-0060)*
Note: Type EX

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0401	EA	1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	172.44	19.14
		For Work In Restricted Working Space, Add	*14.36*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.57*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*16.75*	
		For Elevated Installation >30' To 35' Above Floor, Add	*19.15*	
		For Elevated Installation >35' To 40' Above Floor, Add	*23.94*	
		For Elevated Installation >40' Above Floor, Add	*26.33*	
26 05 33 13-0402	EA	3/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	218.53	21.54
		For Work In Restricted Working Space, Add	*16.15*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.38*	
		For Elevated Installation >15' To 20' Above Floor, Add	*10.77*	
		For Elevated Installation >20' To 25' Above Floor, Add	*13.46*	
		For Elevated Installation >25' To 30' Above Floor, Add	*18.84*	
		For Elevated Installation >30' To 35' Above Floor, Add	*21.54*	
		For Elevated Installation >35' To 40' Above Floor, Add	*26.92*	
		For Elevated Installation >40' Above Floor, Add	*29.61*	
26 05 33 13-0403	EA	1" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	273.01	23.93
		For Work In Restricted Working Space, Add	*17.95*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.98*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.97*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.96*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.93*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.92*	
		For Elevated Installation >40' Above Floor, Add	*32.91*	
26 05 33 13-0404	EA	1-1/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	333.06	26.32
		For Work In Restricted Working Space, Add	*19.74*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.58*	
		For Elevated Installation >15' To 20' Above Floor, Add	*13.16*	
		For Elevated Installation >20' To 25' Above Floor, Add	*16.45*	
		For Elevated Installation >25' To 30' Above Floor, Add	*23.03*	
		For Elevated Installation >30' To 35' Above Floor, Add	*26.32*	
		For Elevated Installation >35' To 40' Above Floor, Add	*32.91*	
		For Elevated Installation >40' Above Floor, Add	*36.20*	
26 05 33 13-0405	EA	1-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	451.28	28.72
		For Work In Restricted Working Space, Add	*21.54*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.18*	
		For Elevated Installation >15' To 20' Above Floor, Add	*14.36*	
		For Elevated Installation >20' To 25' Above Floor, Add	*17.95*	
		For Elevated Installation >25' To 30' Above Floor, Add	*25.13*	
		For Elevated Installation >30' To 35' Above Floor, Add	*28.72*	
		For Elevated Installation >35' To 40' Above Floor, Add	*35.90*	
		For Elevated Installation >40' Above Floor, Add	*39.48*	
26 05 33 13-0406	EA	2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	624.98	31.11
		For Work In Restricted Working Space, Add	*23.33*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.78*	
		For Elevated Installation >15' To 20' Above Floor, Add	*15.55*	
		For Elevated Installation >20' To 25' Above Floor, Add	*19.44*	
		For Elevated Installation >25' To 30' Above Floor, Add	*27.22*	
		For Elevated Installation >30' To 35' Above Floor, Add	*31.10*	
		For Elevated Installation >35' To 40' Above Floor, Add	*38.88*	
		For Elevated Installation >40' Above Floor, Add	*42.77*	
26 05 33 13-0407	EA	2-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	975.01	38.29
		For Work In Restricted Working Space, Add	*28.72*	
		For Elevated Installation >10' To 15' Above Floor, Add	*9.57*	
		For Elevated Installation >15' To 20' Above Floor, Add	*19.14*	
		For Elevated Installation >20' To 25' Above Floor, Add	*23.93*	
		For Elevated Installation >25' To 30' Above Floor, Add	*33.50*	
		For Elevated Installation >30' To 35' Above Floor, Add	*38.29*	
		For Elevated Installation >35' To 40' Above Floor, Add	*47.86*	
		For Elevated Installation >40' Above Floor, Add	*52.65*	
26 05 33 13-0408	EA	3" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	1,315.79	47.86
		For Work In Restricted Working Space, Add	*35.90*	
		For Elevated Installation >10' To 15' Above Floor, Add	*11.97*	
		For Elevated Installation >15' To 20' Above Floor, Add	*23.93*	
		For Elevated Installation >20' To 25' Above Floor, Add	*29.91*	
		For Elevated Installation >25' To 30' Above Floor, Add	*41.88*	
		For Elevated Installation >30' To 35' Above Floor, Add	*47.86*	
		For Elevated Installation >35' To 40' Above Floor, Add	*59.83*	
		For Elevated Installation >40' Above Floor, Add	*65.81*	
26 05 33 13-0409	EA	3-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	1,981.72	57.44
		For Work In Restricted Working Space, Add	*43.08*	
		For Elevated Installation >10' To 15' Above Floor, Add	*14.36*	
		For Elevated Installation >15' To 20' Above Floor, Add	*28.72*	
		For Elevated Installation >20' To 25' Above Floor, Add	*35.90*	
		For Elevated Installation >25' To 30' Above Floor, Add	*50.26*	
		For Elevated Installation >30' To 35' Above Floor, Add	*57.44*	
		For Elevated Installation >35' To 40' Above Floor, Add	*71.80*	
		For Elevated Installation >40' Above Floor, Add	*78.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0410	EA	4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	2,049.99	62.22
		For Work In Restricted Working Space, Add	*46.66*	
		For Elevated Installation >10' To 15' Above Floor, Add	*15.55*	
		For Elevated Installation >15' To 20' Above Floor, Add	*31.11*	
		For Elevated Installation >20' To 25' Above Floor, Add	*38.89*	
		For Elevated Installation >25' To 30' Above Floor, Add	*54.44*	
		For Elevated Installation >30' To 35' Above Floor, Add	*62.22*	
		For Elevated Installation >35' To 40' Above Floor, Add	*77.77*	
		For Elevated Installation >40' Above Floor, Add	*85.55*	
26 05 33 13-0411	EA	5" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	3,092.24	76.58
		For Work In Restricted Working Space, Add	*57.43*	
		For Elevated Installation >10' To 15' Above Floor, Add	*19.14*	
		For Elevated Installation >15' To 20' Above Floor, Add	*38.29*	
		For Elevated Installation >20' To 25' Above Floor, Add	*47.86*	
		For Elevated Installation >25' To 30' Above Floor, Add	*67.00*	
		For Elevated Installation >30' To 35' Above Floor, Add	*76.58*	
		For Elevated Installation >35' To 40' Above Floor, Add	*95.72*	
		For Elevated Installation >40' Above Floor, Add	*105.29*	
26 05 33 13-0412	EA	6" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	3,837.56	84.95
		For Work In Restricted Working Space, Add	*63.75*	
		For Elevated Installation >10' To 15' Above Floor, Add	*21.25*	
		For Elevated Installation >15' To 20' Above Floor, Add	*42.50*	
		For Elevated Installation >20' To 25' Above Floor, Add	*53.13*	
		For Elevated Installation >25' To 30' Above Floor, Add	*74.38*	
		For Elevated Installation >30' To 35' Above Floor, Add	*85.00*	
		For Elevated Installation >35' To 40' Above Floor, Add	*106.25*	
		For Elevated Installation >40' Above Floor, Add	*116.88*	

26 05 33 13-0413 Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fittings *(26 05 33 13-0060)*

Note: Type DX

26 05 33 13-0414	EA	1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	305.56	19.14
		For Work In Restricted Working Space, Add	*14.36*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.57*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*16.75*	
		For Elevated Installation >30' To 35' Above Floor, Add	*19.15*	
		For Elevated Installation >35' To 40' Above Floor, Add	*23.94*	
		For Elevated Installation >40' Above Floor, Add	*26.33*	
26 05 33 13-0415	EA	3/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	364.52	21.54
		For Work In Restricted Working Space, Add	*16.15*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.38*	
		For Elevated Installation >15' To 20' Above Floor, Add	*10.77*	
		For Elevated Installation >20' To 25' Above Floor, Add	*13.46*	
		For Elevated Installation >25' To 30' Above Floor, Add	*18.84*	
		For Elevated Installation >30' To 35' Above Floor, Add	*21.54*	
		For Elevated Installation >35' To 40' Above Floor, Add	*26.92*	
		For Elevated Installation >40' Above Floor, Add	*29.61*	
26 05 33 13-0416	EA	1" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	441.48	23.93
		For Work In Restricted Working Space, Add	*17.95*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.98*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.97*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.96*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.93*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.92*	
		For Elevated Installation >40' Above Floor, Add	*32.91*	
26 05 33 13-0417	EA	1-1/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	519.73	26.32
		For Work In Restricted Working Space, Add	*19.74*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.58*	
		For Elevated Installation >15' To 20' Above Floor, Add	*13.16*	
		For Elevated Installation >20' To 25' Above Floor, Add	*16.45*	
		For Elevated Installation >25' To 30' Above Floor, Add	*23.03*	
		For Elevated Installation >30' To 35' Above Floor, Add	*26.32*	
		For Elevated Installation >35' To 40' Above Floor, Add	*32.91*	
		For Elevated Installation >40' Above Floor, Add	*36.20*	
26 05 33 13-0418	EA	1-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	574.91	28.72
		For Work In Restricted Working Space, Add	*21.54*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.18*	
		For Elevated Installation >15' To 20' Above Floor, Add	*14.36*	
		For Elevated Installation >20' To 25' Above Floor, Add	*17.95*	
		For Elevated Installation >25' To 30' Above Floor, Add	*25.13*	
		For Elevated Installation >30' To 35' Above Floor, Add	*28.72*	
		For Elevated Installation >35' To 40' Above Floor, Add	*35.90*	
		For Elevated Installation >40' Above Floor, Add	*39.48*	
26 05 33 13-0419	EA	2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	712.29	31.11
		For Work In Restricted Working Space, Add	*23.33*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.78*	
		For Elevated Installation >15' To 20' Above Floor, Add	*15.55*	
		For Elevated Installation >20' To 25' Above Floor, Add	*19.44*	
		For Elevated Installation >25' To 30' Above Floor, Add	*27.22*	
		For Elevated Installation >30' To 35' Above Floor, Add	*31.10*	
		For Elevated Installation >35' To 40' Above Floor, Add	*38.88*	
		For Elevated Installation >40' Above Floor, Add	*42.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0420	EA	2-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	942.59	38.29
		For Work In Restricted Working Space, Add	*28.72*	
		For Elevated Installation >10' To 15' Above Floor, Add	*9.57*	
		For Elevated Installation >15' To 20' Above Floor, Add	*19.14*	
		For Elevated Installation >20' To 25' Above Floor, Add	*23.93*	
		For Elevated Installation >25' To 30' Above Floor, Add	*33.50*	
		For Elevated Installation >30' To 35' Above Floor, Add	*38.29*	
		For Elevated Installation >35' To 40' Above Floor, Add	*47.86*	
		For Elevated Installation >40' Above Floor, Add	*52.65*	
26 05 33 13-0421	EA	3" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	1,195.68	47.86
		For Work In Restricted Working Space, Add	*35.90*	
		For Elevated Installation >10' To 15' Above Floor, Add	*11.97*	
		For Elevated Installation >15' To 20' Above Floor, Add	*23.93*	
		For Elevated Installation >20' To 25' Above Floor, Add	*29.91*	
		For Elevated Installation >25' To 30' Above Floor, Add	*41.88*	
		For Elevated Installation >30' To 35' Above Floor, Add	*47.86*	
		For Elevated Installation >35' To 40' Above Floor, Add	*59.83*	
		For Elevated Installation >40' Above Floor, Add	*65.81*	
26 05 33 13-0422	EA	3-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	1,343.93	57.44
		For Work In Restricted Working Space, Add	*43.08*	
		For Elevated Installation >10' To 15' Above Floor, Add	*14.36*	
		For Elevated Installation >15' To 20' Above Floor, Add	*28.72*	
		For Elevated Installation >20' To 25' Above Floor, Add	*35.90*	
		For Elevated Installation >25' To 30' Above Floor, Add	*50.26*	
		For Elevated Installation >30' To 35' Above Floor, Add	*57.44*	
		For Elevated Installation >35' To 40' Above Floor, Add	*71.80*	
		For Elevated Installation >40' Above Floor, Add	*78.98*	
26 05 33 13-0423	EA	4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	1,632.68	62.22
		For Work In Restricted Working Space, Add	*46.66*	
		For Elevated Installation >10' To 15' Above Floor, Add	*15.55*	
		For Elevated Installation >15' To 20' Above Floor, Add	*31.11*	
		For Elevated Installation >20' To 25' Above Floor, Add	*38.89*	
		For Elevated Installation >25' To 30' Above Floor, Add	*54.44*	
		For Elevated Installation >30' To 35' Above Floor, Add	*62.22*	
		For Elevated Installation >35' To 40' Above Floor, Add	*77.77*	
		For Elevated Installation >40' Above Floor, Add	*85.55*	
26 05 33 13-0424	EA	5" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	2,804.46	76.58
		For Work In Restricted Working Space, Add	*57.43*	
		For Elevated Installation >10' To 15' Above Floor, Add	*19.14*	
		For Elevated Installation >15' To 20' Above Floor, Add	*38.29*	
		For Elevated Installation >20' To 25' Above Floor, Add	*47.86*	
		For Elevated Installation >25' To 30' Above Floor, Add	*67.00*	
		For Elevated Installation >30' To 35' Above Floor, Add	*76.58*	
		For Elevated Installation >35' To 40' Above Floor, Add	*95.72*	
		For Elevated Installation >40' Above Floor, Add	*105.29*	
26 05 33 13-0425	EA	6" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	4,473.97	84.95
		For Work In Restricted Working Space, Add	*63.75*	
		For Elevated Installation >10' To 15' Above Floor, Add	*21.25*	
		For Elevated Installation >15' To 20' Above Floor, Add	*42.50*	
		For Elevated Installation >20' To 25' Above Floor, Add	*53.13*	
		For Elevated Installation >25' To 30' Above Floor, Add	*74.38*	
		For Elevated Installation >30' To 35' Above Floor, Add	*85.00*	
		For Elevated Installation >35' To 40' Above Floor, Add	*106.25*	
		For Elevated Installation >40' Above Floor, Add	*116.88*	

26 05 33 13-0426 Rigid Galvanized Steel (RGS) Conduit Bonding Jumpers *(26 05 33 13-0060)*

26 05 33 13-0427	EA	1/2" To 3/4" Conduit, 14" Bonding Jumper	77.07	9.57
		For Work In Restricted Working Space, Add	*7.18*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.39*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.79*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.99*	
		For Elevated Installation >25' To 30' Above Floor, Add	*8.38*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.58*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.97*	
		For Elevated Installation >40' Above Floor, Add	*13.17*	
26 05 33 13-0428	EA	1" To 1-1/4" Conduit, 14" Bonding Jumper	88.42	11.97
		For Work In Restricted Working Space, Add	*8.98*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.99*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.48*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.47*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.97*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.96*	
		For Elevated Installation >40' Above Floor, Add	*16.46*	
26 05 33 13-0429	EA	1-1/2" To 2" Conduit, 14" Bonding Jumper	109.15	14.35
		For Work In Restricted Working Space, Add	*10.77*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.59*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.18*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.56*	
		For Elevated Installation >30' To 35' Above Floor, Add	*14.36*	
		For Elevated Installation >35' To 40' Above Floor, Add	*17.95*	
		For Elevated Installation >40' Above Floor, Add	*19.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0430	EA	2-1/2" To 3" Conduit, 14" Bonding Jumper	153.73	19.14
		For Work In Restricted Working Space, Add	*14.36*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.57*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*16.75*	
		For Elevated Installation >30' To 35' Above Floor, Add	*19.14*	
		For Elevated Installation >35' To 40' Above Floor, Add	*23.93*	
		For Elevated Installation >40' Above Floor, Add	*26.32*	
26 05 33 13-0431	EA	3-1/2" To 4" Conduit, 14" Bonding Jumper	233.02	28.72
		For Work In Restricted Working Space, Add	*21.54*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.18*	
		For Elevated Installation >15' To 20' Above Floor, Add	*14.36*	
		For Elevated Installation >20' To 25' Above Floor, Add	*17.95*	
		For Elevated Installation >25' To 30' Above Floor, Add	*25.13*	
		For Elevated Installation >30' To 35' Above Floor, Add	*28.72*	
		For Elevated Installation >35' To 40' Above Floor, Add	*35.90*	
		For Elevated Installation >40' Above Floor, Add	*39.49*	
26 05 33 13-0432	EA	5" To 6" Conduit, 14" Bonding Jumper	402.04	38.29
		For Work In Restricted Working Space, Add	*28.72*	
		For Elevated Installation >10' To 15' Above Floor, Add	*9.57*	
		For Elevated Installation >15' To 20' Above Floor, Add	*19.14*	
		For Elevated Installation >20' To 25' Above Floor, Add	*23.93*	
		For Elevated Installation >25' To 30' Above Floor, Add	*33.50*	
		For Elevated Installation >30' To 35' Above Floor, Add	*38.29*	
		For Elevated Installation >35' To 40' Above Floor, Add	*47.86*	
		For Elevated Installation >40' Above Floor, Add	*52.65*	
26 05 33 13-0433	EA	1/2" To 3/4" Conduit, 24" Bonding Jumper	86.17	9.57
		For Work In Restricted Working Space, Add	*7.18*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.39*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.79*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.99*	
		For Elevated Installation >25' To 30' Above Floor, Add	*8.38*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.58*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.97*	
		For Elevated Installation >40' Above Floor, Add	*13.17*	
26 05 33 13-0434	EA	1" To 1-1/4" Conduit, 24" Bonding Jumper	99.92	11.97
		For Work In Restricted Working Space, Add	*8.98*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.99*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.48*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.47*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.97*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.96*	
		For Elevated Installation >40' Above Floor, Add	*16.46*	
26 05 33 13-0435	EA	1-1/2" To 2" Conduit, 24" Bonding Jumper	119.68	14.35
		For Work In Restricted Working Space, Add	*10.77*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.59*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.18*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.56*	
		For Elevated Installation >30' To 35' Above Floor, Add	*14.36*	
		For Elevated Installation >35' To 40' Above Floor, Add	*17.95*	
		For Elevated Installation >40' Above Floor, Add	*19.74*	
26 05 33 13-0436	EA	2-1/2" To 3" Conduit, 24" Bonding Jumper	167.71	19.14
		For Work In Restricted Working Space, Add	*14.36*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.57*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*16.75*	
		For Elevated Installation >30' To 35' Above Floor, Add	*19.14*	
		For Elevated Installation >35' To 40' Above Floor, Add	*23.93*	
		For Elevated Installation >40' Above Floor, Add	*26.32*	
26 05 33 13-0437	EA	3-1/2" To 4" Conduit, 24" Bonding Jumper	251.57	28.72
		For Work In Restricted Working Space, Add	*21.54*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.18*	
		For Elevated Installation >15' To 20' Above Floor, Add	*14.36*	
		For Elevated Installation >20' To 25' Above Floor, Add	*17.95*	
		For Elevated Installation >25' To 30' Above Floor, Add	*25.13*	
		For Elevated Installation >30' To 35' Above Floor, Add	*28.72*	
		For Elevated Installation >35' To 40' Above Floor, Add	*35.90*	
		For Elevated Installation >40' Above Floor, Add	*39.49*	
26 05 33 13-0438	EA	5" To 6" Conduit, 24" Bonding Jumper	461.85	38.29
		For Work In Restricted Working Space, Add	*28.72*	
		For Elevated Installation >10' To 15' Above Floor, Add	*9.57*	
		For Elevated Installation >15' To 20' Above Floor, Add	*19.14*	
		For Elevated Installation >20' To 25' Above Floor, Add	*23.93*	
		For Elevated Installation >25' To 30' Above Floor, Add	*33.50*	
		For Elevated Installation >30' To 35' Above Floor, Add	*38.29*	
		For Elevated Installation >35' To 40' Above Floor, Add	*47.86*	
		For Elevated Installation >40' Above Floor, Add	*52.65*	

26 05 33 13-0439 Rigid Galvanized Steel (RGS) Sealing Fittings, Vertical/Horizontal *(26 05 33 13-0060)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0440	EA	1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	100.60	29.91
		For Work In Restricted Working Space, Add	*17.95*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.98*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.97*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.96*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.93*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.92*	
		For Elevated Installation >40' Above Floor, Add	*32.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.95*	
26 05 33 13-0441	EA	3/4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	119.68	35.89
		For Work In Restricted Working Space, Add	*21.54*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.18*	
		For Elevated Installation >15' To 20' Above Floor, Add	*14.36*	
		For Elevated Installation >20' To 25' Above Floor, Add	*17.95*	
		For Elevated Installation >25' To 30' Above Floor, Add	*25.13*	
		For Elevated Installation >30' To 35' Above Floor, Add	*28.72*	
		For Elevated Installation >35' To 40' Above Floor, Add	*35.90*	
		For Elevated Installation >40' Above Floor, Add	*39.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.54*	
26 05 33 13-0442	EA	1" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	145.30	41.88
		For Work In Restricted Working Space, Add	*25.13*	
		For Elevated Installation >10' To 15' Above Floor, Add	*8.38*	
		For Elevated Installation >15' To 20' Above Floor, Add	*16.75*	
		For Elevated Installation >20' To 25' Above Floor, Add	*20.94*	
		For Elevated Installation >25' To 30' Above Floor, Add	*29.32*	
		For Elevated Installation >30' To 35' Above Floor, Add	*33.50*	
		For Elevated Installation >35' To 40' Above Floor, Add	*41.88*	
		For Elevated Installation >40' Above Floor, Add	*46.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.13*	
26 05 33 13-0443	EA	1-1/4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	170.46	47.86
		For Work In Restricted Working Space, Add	*28.72*	
		For Elevated Installation >10' To 15' Above Floor, Add	*9.57*	
		For Elevated Installation >15' To 20' Above Floor, Add	*19.14*	
		For Elevated Installation >20' To 25' Above Floor, Add	*23.93*	
		For Elevated Installation >25' To 30' Above Floor, Add	*33.50*	
		For Elevated Installation >30' To 35' Above Floor, Add	*38.29*	
		For Elevated Installation >35' To 40' Above Floor, Add	*47.86*	
		For Elevated Installation >40' Above Floor, Add	*52.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.72*	
26 05 33 13-0444	EA	1-1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	220.20	53.85
		For Work In Restricted Working Space, Add	*32.30*	
		For Elevated Installation >10' To 15' Above Floor, Add	*10.77*	
		For Elevated Installation >15' To 20' Above Floor, Add	*21.54*	
		For Elevated Installation >20' To 25' Above Floor, Add	*26.92*	
		For Elevated Installation >25' To 30' Above Floor, Add	*37.69*	
		For Elevated Installation >30' To 35' Above Floor, Add	*43.07*	
		For Elevated Installation >35' To 40' Above Floor, Add	*53.84*	
		For Elevated Installation >40' Above Floor, Add	*59.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.30*	
26 05 33 13-0445	EA	2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	265.43	59.83
		For Work In Restricted Working Space, Add	*35.90*	
		For Elevated Installation >10' To 15' Above Floor, Add	*11.97*	
		For Elevated Installation >15' To 20' Above Floor, Add	*23.93*	
		For Elevated Installation >20' To 25' Above Floor, Add	*29.91*	
		For Elevated Installation >25' To 30' Above Floor, Add	*41.88*	
		For Elevated Installation >30' To 35' Above Floor, Add	*47.86*	
		For Elevated Installation >35' To 40' Above Floor, Add	*59.83*	
		For Elevated Installation >40' Above Floor, Add	*65.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.90*	
26 05 33 13-0446	EA	2-1/2" Rigid Galvanized Steel (RGS) Conduit Sealing Fitting, Vertical/Horizontal	370.09	71.79
		For Work In Restricted Working Space, Add	*43.08*	
		For Elevated Installation >10' To 15' Above Floor, Add	*14.36*	
		For Elevated Installation >15' To 20' Above Floor, Add	*28.72*	
		For Elevated Installation >20' To 25' Above Floor, Add	*35.90*	
		For Elevated Installation >25' To 30' Above Floor, Add	*50.26*	
		For Elevated Installation >30' To 35' Above Floor, Add	*57.44*	
		For Elevated Installation >35' To 40' Above Floor, Add	*71.80*	
		For Elevated Installation >40' Above Floor, Add	*78.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.08*	
26 05 33 13-0447	EA	3" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	444.19	83.76
		For Work In Restricted Working Space, Add	*50.25*	
		For Elevated Installation >10' To 15' Above Floor, Add	*16.75*	
		For Elevated Installation >15' To 20' Above Floor, Add	*33.50*	
		For Elevated Installation >20' To 25' Above Floor, Add	*41.88*	
		For Elevated Installation >25' To 30' Above Floor, Add	*58.63*	
		For Elevated Installation >30' To 35' Above Floor, Add	*67.00*	
		For Elevated Installation >35' To 40' Above Floor, Add	*83.76*	
		For Elevated Installation >40' Above Floor, Add	*92.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0448	EA	3-1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	989.41	95.72
		For Work In Restricted Working Space, Add	*57.43*	
		For Elevated Installation >10' To 15' Above Floor, Add	*19.14*	
		For Elevated Installation >15' To 20' Above Floor, Add	*38.29*	
		For Elevated Installation >20' To 25' Above Floor, Add	*47.86*	
		For Elevated Installation >25' To 30' Above Floor, Add	*67.00*	
		For Elevated Installation >30' To 35' Above Floor, Add	*76.58*	
		For Elevated Installation >35' To 40' Above Floor, Add	*95.72*	
		For Elevated Installation >40' Above Floor, Add	*105.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.43*	
26 05 33 13-0449	EA	4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	1,138.91	107.68
		For Work In Restricted Working Space, Add	*64.61*	
		For Elevated Installation >10' To 15' Above Floor, Add	*21.54*	
		For Elevated Installation >15' To 20' Above Floor, Add	*43.08*	
		For Elevated Installation >20' To 25' Above Floor, Add	*53.85*	
		For Elevated Installation >25' To 30' Above Floor, Add	*75.38*	
		For Elevated Installation >30' To 35' Above Floor, Add	*86.15*	
		For Elevated Installation >35' To 40' Above Floor, Add	*107.69*	
		For Elevated Installation >40' Above Floor, Add	*118.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.61*	

26 05 33 13-0450 Rigid Galvanized Steel (RGS) Threaded Couplings *(26 05 33 13-0060)*

26 05 33 13-0451	EA	1/2" Rigid Galvanized Steel (RGS) Threaded Coupling	15.80	7.18
		For Work In Restricted Working Space, Add	*4.31*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.44*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.87*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.59*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.02*	
		For Elevated Installation >30' To 35' Above Floor, Add	*5.74*	
		For Elevated Installation >35' To 40' Above Floor, Add	*7.18*	
		For Elevated Installation >40' Above Floor, Add	*7.89*	
26 05 33 13-0452	EA	3/4" Rigid Galvanized Steel (RGS) Threaded Coupling	22.16	10.17
		For Work In Restricted Working Space, Add	*6.10*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.03*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.07*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.09*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.12*	
		For Elevated Installation >30' To 35' Above Floor, Add	*8.14*	
		For Elevated Installation >35' To 40' Above Floor, Add	*10.17*	
		For Elevated Installation >40' Above Floor, Add	*11.19*	
26 05 33 13-0453	EA	1" Rigid Galvanized Steel (RGS) Threaded Coupling	29.09	13.16
		For Work In Restricted Working Space, Add	*7.90*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.63*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.26*	
		For Elevated Installation >20' To 25' Above Floor, Add	*6.58*	
		For Elevated Installation >25' To 30' Above Floor, Add	*9.21*	
		For Elevated Installation >30' To 35' Above Floor, Add	*10.53*	
		For Elevated Installation >35' To 40' Above Floor, Add	*13.16*	
		For Elevated Installation >40' Above Floor, Add	*14.48*	
26 05 33 13-0454	EA	1-1/4" Rigid Galvanized Steel (RGS) Threaded Coupling	33.41	14.96
		For Work In Restricted Working Space, Add	*8.97*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.99*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.48*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.47*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.96*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.96*	
		For Elevated Installation >40' Above Floor, Add	*16.45*	
26 05 33 13-0455	EA	1-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling	40.27	17.95
		For Work In Restricted Working Space, Add	*10.77*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.59*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.18*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.56*	
		For Elevated Installation >30' To 35' Above Floor, Add	*14.36*	
		For Elevated Installation >35' To 40' Above Floor, Add	*17.95*	
		For Elevated Installation >40' Above Floor, Add	*19.74*	
26 05 33 13-0456	EA	2" Rigid Galvanized Steel (RGS) Threaded Coupling	47.22	20.34
		For Work In Restricted Working Space, Add	*12.21*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.07*	
		For Elevated Installation >15' To 20' Above Floor, Add	*8.14*	
		For Elevated Installation >20' To 25' Above Floor, Add	*10.17*	
		For Elevated Installation >25' To 30' Above Floor, Add	*14.24*	
		For Elevated Installation >30' To 35' Above Floor, Add	*16.28*	
		For Elevated Installation >35' To 40' Above Floor, Add	*20.35*	
		For Elevated Installation >40' Above Floor, Add	*22.38*	
26 05 33 13-0457	EA	2-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling	60.13	22.73
		For Work In Restricted Working Space, Add	*13.64*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.55*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.09*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.37*	
		For Elevated Installation >25' To 30' Above Floor, Add	*15.91*	
		For Elevated Installation >30' To 35' Above Floor, Add	*18.19*	
		For Elevated Installation >35' To 40' Above Floor, Add	*22.74*	
		For Elevated Installation >40' Above Floor, Add	*25.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0458	EA	3" Rigid Galvanized Steel (RGS) Threaded Coupling	70.51	25.72
		For Work In Restricted Working Space, Add	*15.44*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.15*	
		For Elevated Installation >15' To 20' Above Floor, Add	*10.29*	
		For Elevated Installation >20' To 25' Above Floor, Add	*12.86*	
		For Elevated Installation >25' To 30' Above Floor, Add	*18.01*	
		For Elevated Installation >30' To 35' Above Floor, Add	*20.58*	
		For Elevated Installation >35' To 40' Above Floor, Add	*25.73*	
		For Elevated Installation >40' Above Floor, Add	*28.30*	
26 05 33 13-0459	EA	3-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling	81.98	28.12
		For Work In Restricted Working Space, Add	*16.87*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.62*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.25*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.06*	
		For Elevated Installation >25' To 30' Above Floor, Add	*19.68*	
		For Elevated Installation >30' To 35' Above Floor, Add	*22.49*	
		For Elevated Installation >35' To 40' Above Floor, Add	*28.12*	
		For Elevated Installation >40' Above Floor, Add	*30.93*	
26 05 33 13-0460	EA	4" Threaded Rigid Galvanized Steel (RGS) Coupling	86.65	29.91
		For Work In Restricted Working Space, Add	*17.95*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.98*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.97*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.96*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.93*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.92*	
		For Elevated Installation >40' Above Floor, Add	*32.91*	
26 05 33 13-0461		**Rigid Galvanized Steel (RGS) Sealing Locknut** *(26 05 33 13-0060)*		
26 05 33 13-0462	EA	1/2" Rigid Galvanized Steel (RGS) Sealing Locknut	3.68	1.19
26 05 33 13-0463	EA	3/4" Rigid Galvanized Steel (RGS) Sealing Locknut	5.07	1.79
26 05 33 13-0464	EA	1" Rigid Galvanized Steel (RGS) Sealing Locknut	8.42	2.99
26 05 33 13-0465	EA	1-1/4" Rigid Galvanized Steel (RGS) Sealing Locknut	12.19	4.19
26 05 33 13-0466	EA	1-1/2" Rigid Galvanized Steel (RGS) Sealing Locknut	14.60	4.78
26 05 33 13-0467	EA	2" Rigid Galvanized Steel (RGS) Sealing Locknut	17.18	5.38
26 05 33 13-0468		**Rigid Galvanized Steel (RGS) Fire Stop Fittings** *(26 05 33 13-0060)*		
26 05 33 13-0469	EA	1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	198.75	14.52
		For Work In Restricted Working Space, Add	*10.89*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.63*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.26*	
		For Elevated Installation >20' To 25' Above Floor, Add	*9.08*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.71*	
		For Elevated Installation >30' To 35' Above Floor, Add	*14.52*	
		For Elevated Installation >35' To 40' Above Floor, Add	*18.16*	
		For Elevated Installation >40' Above Floor, Add	*19.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.89*	
26 05 33 13-0470	EA	3/4" Rigid Galvanized Steel (RGS) Fire Stop Fitting	202.24	15.92
		For Work In Restricted Working Space, Add	*11.94*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.98*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.96*	
		For Elevated Installation >20' To 25' Above Floor, Add	*9.95*	
		For Elevated Installation >25' To 30' Above Floor, Add	*13.93*	
		For Elevated Installation >30' To 35' Above Floor, Add	*15.92*	
		For Elevated Installation >35' To 40' Above Floor, Add	*19.90*	
		For Elevated Installation >40' Above Floor, Add	*21.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.94*	
26 05 33 13-0471	EA	1" Rigid Galvanized Steel (RGS) Fire Stop Fitting	242.40	17.47
		For Work In Restricted Working Space, Add	*13.08*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.36*	
		For Elevated Installation >15' To 20' Above Floor, Add	*8.72*	
		For Elevated Installation >20' To 25' Above Floor, Add	*10.90*	
		For Elevated Installation >25' To 30' Above Floor, Add	*15.26*	
		For Elevated Installation >30' To 35' Above Floor, Add	*17.44*	
		For Elevated Installation >35' To 40' Above Floor, Add	*21.80*	
		For Elevated Installation >40' Above Floor, Add	*23.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.08*	
26 05 33 13-0472	EA	1-1/4" Rigid Galvanized Steel (RGS) Fire Stop Fitting	266.11	19.14
		For Work In Restricted Working Space, Add	*14.37*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.58*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.98*	
		For Elevated Installation >25' To 30' Above Floor, Add	*16.77*	
		For Elevated Installation >30' To 35' Above Floor, Add	*19.16*	
		For Elevated Installation >35' To 40' Above Floor, Add	*23.95*	
		For Elevated Installation >40' Above Floor, Add	*26.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0473	EA	1-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	303.58	21.54
		For Work In Restricted Working Space, Add	*16.16*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.39*	
		For Elevated Installation >15' To 20' Above Floor, Add	*10.77*	
		For Elevated Installation >20' To 25' Above Floor, Add	*13.46*	
		For Elevated Installation >25' To 30' Above Floor, Add	*18.85*	
		For Elevated Installation >30' To 35' Above Floor, Add	*21.54*	
		For Elevated Installation >35' To 40' Above Floor, Add	*26.93*	
		For Elevated Installation >40' Above Floor, Add	*29.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.16*	
26 05 33 13-0474	EA	2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	447.79	23.93
		For Work In Restricted Working Space, Add	*17.96*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.99*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.97*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.95*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.94*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.93*	
		For Elevated Installation >40' Above Floor, Add	*32.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.96*	
26 05 33 13-0475	EA	2-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	516.24	31.95
		For Work In Restricted Working Space, Add	*23.95*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.98*	
		For Elevated Installation >15' To 20' Above Floor, Add	*15.96*	
		For Elevated Installation >20' To 25' Above Floor, Add	*19.96*	
		For Elevated Installation >25' To 30' Above Floor, Add	*27.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*31.93*	
		For Elevated Installation >35' To 40' Above Floor, Add	*39.91*	
		For Elevated Installation >40' Above Floor, Add	*43.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.95*	
26 05 33 13-0476	EA	3" Rigid Galvanized Steel (RGS) Fire Stop Fitting	572.62	35.06
		For Work In Restricted Working Space, Add	*26.31*	
		For Elevated Installation >10' To 15' Above Floor, Add	*8.77*	
		For Elevated Installation >15' To 20' Above Floor, Add	*17.54*	
		For Elevated Installation >20' To 25' Above Floor, Add	*21.93*	
		For Elevated Installation >25' To 30' Above Floor, Add	*30.70*	
		For Elevated Installation >30' To 35' Above Floor, Add	*35.08*	
		For Elevated Installation >35' To 40' Above Floor, Add	*43.86*	
		For Elevated Installation >40' Above Floor, Add	*48.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.31*	
26 05 33 13-0477	EA	3-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	665.50	38.29
		For Work In Restricted Working Space, Add	*28.72*	
		For Elevated Installation >10' To 15' Above Floor, Add	*9.57*	
		For Elevated Installation >15' To 20' Above Floor, Add	*19.15*	
		For Elevated Installation >20' To 25' Above Floor, Add	*23.93*	
		For Elevated Installation >25' To 30' Above Floor, Add	*33.51*	
		For Elevated Installation >30' To 35' Above Floor, Add	*38.29*	
		For Elevated Installation >35' To 40' Above Floor, Add	*47.87*	
		For Elevated Installation >40' Above Floor, Add	*52.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.72*	
26 05 33 13-0478	EA	4" Rigid Galvanized Steel (RGS) Fire Stop Fitting	750.18	43.07
		For Work In Restricted Working Space, Add	*32.30*	
		For Elevated Installation >10' To 15' Above Floor, Add	*10.77*	
		For Elevated Installation >15' To 20' Above Floor, Add	*21.54*	
		For Elevated Installation >20' To 25' Above Floor, Add	*26.92*	
		For Elevated Installation >25' To 30' Above Floor, Add	*37.69*	
		For Elevated Installation >30' To 35' Above Floor, Add	*43.07*	
		For Elevated Installation >35' To 40' Above Floor, Add	*53.84*	
		For Elevated Installation >40' Above Floor, Add	*59.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.30*	

26 05 33 13-0479 Rigid Galvanized Steel (RGS) Reducing Bushings *(26 05 33 13-0060)*

26 05 33 13-0480	EA	3/4" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	19.53	9.27
		For Work In Restricted Working Space, Add	*5.56*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.85*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.71*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.64*	
		For Elevated Installation >25' To 30' Above Floor, Add	*6.49*	
		For Elevated Installation >30' To 35' Above Floor, Add	*7.42*	
		For Elevated Installation >35' To 40' Above Floor, Add	*9.27*	
		For Elevated Installation >40' Above Floor, Add	*10.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 05 33 13-0481	EA	1" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	21.57	9.87
		For Work In Restricted Working Space, Add	*5.93*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.98*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.95*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.94*	
		For Elevated Installation >25' To 30' Above Floor, Add	*6.91*	
		For Elevated Installation >30' To 35' Above Floor, Add	*7.90*	
		For Elevated Installation >35' To 40' Above Floor, Add	*9.88*	
		For Elevated Installation >40' Above Floor, Add	*10.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0482	EA	1" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	22.16	10.17
		For Work In Restricted Working Space, Add	*6.10*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.03*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.07*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.09*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.12*	
		For Elevated Installation >30' To 35' Above Floor, Add	*8.14*	
		For Elevated Installation >35' To 40' Above Floor, Add	*10.17*	
		For Elevated Installation >40' Above Floor, Add	*11.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.10*	
26 05 33 13-0483	EA	1-1/4" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	25.66	10.46
		For Work In Restricted Working Space, Add	*6.28*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.09*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.19*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.24*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.33*	
		For Elevated Installation >30' To 35' Above Floor, Add	*8.38*	
		For Elevated Installation >35' To 40' Above Floor, Add	*10.47*	
		For Elevated Installation >40' Above Floor, Add	*11.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.28*	
26 05 33 13-0484	EA	1-1/4" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	26.26	10.77
		For Work In Restricted Working Space, Add	*6.46*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.15*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.31*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.39*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.54*	
		For Elevated Installation >30' To 35' Above Floor, Add	*8.62*	
		For Elevated Installation >35' To 40' Above Floor, Add	*10.77*	
		For Elevated Installation >40' Above Floor, Add	*11.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.46*	
26 05 33 13-0485	EA	1-1/4" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing	27.45	11.37
		For Work In Restricted Working Space, Add	*6.82*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.27*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.55*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.68*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.96*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.09*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.37*	
		For Elevated Installation >40' Above Floor, Add	*12.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.82*	
26 05 33 13-0486	EA	1-1/2" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	29.65	11.97
		For Work In Restricted Working Space, Add	*7.18*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.39*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.79*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.98*	
		For Elevated Installation >25' To 30' Above Floor, Add	*8.38*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.57*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.97*	
		For Elevated Installation >40' Above Floor, Add	*13.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.18*	
26 05 33 13-0487	EA	1-1/2" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	30.25	12.27
		For Work In Restricted Working Space, Add	*7.36*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.45*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.91*	
		For Elevated Installation >20' To 25' Above Floor, Add	*6.13*	
		For Elevated Installation >25' To 30' Above Floor, Add	*8.59*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.81*	
		For Elevated Installation >35' To 40' Above Floor, Add	*12.27*	
		For Elevated Installation >40' Above Floor, Add	*13.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.36*	
26 05 33 13-0488	EA	1-1/2" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing	31.44	12.86
		For Work In Restricted Working Space, Add	*7.72*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.57*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.14*	
		For Elevated Installation >20' To 25' Above Floor, Add	*6.43*	
		For Elevated Installation >25' To 30' Above Floor, Add	*9.00*	
		For Elevated Installation >30' To 35' Above Floor, Add	*10.29*	
		For Elevated Installation >35' To 40' Above Floor, Add	*12.86*	
		For Elevated Installation >40' Above Floor, Add	*14.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.72*	
26 05 33 13-0489	EA	1-1/2" x 1-1/4" Rigid Galvanized Steel (RGS) Reducing Bushing	32.64	13.46
		For Work In Restricted Working Space, Add	*8.08*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.69*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.38*	
		For Elevated Installation >20' To 25' Above Floor, Add	*6.73*	
		For Elevated Installation >25' To 30' Above Floor, Add	*9.42*	
		For Elevated Installation >30' To 35' Above Floor, Add	*10.77*	
		For Elevated Installation >35' To 40' Above Floor, Add	*13.46*	
		For Elevated Installation >40' Above Floor, Add	*14.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0490	EA	2" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	39.48	13.46
		For Work In Restricted Working Space, Add	*8.08*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.69*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.38*	
		For Elevated Installation >20' To 25' Above Floor, Add	*6.73*	
		For Elevated Installation >25' To 30' Above Floor, Add	*9.42*	
		For Elevated Installation >30' To 35' Above Floor, Add	*10.77*	
		For Elevated Installation >35' To 40' Above Floor, Add	*13.46*	
		For Elevated Installation >40' Above Floor, Add	*14.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.08*	
26 05 33 13-0491	EA	2" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	40.08	13.76
		For Work In Restricted Working Space, Add	*8.26*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.75*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.50*	
		For Elevated Installation >20' To 25' Above Floor, Add	*6.88*	
		For Elevated Installation >25' To 30' Above Floor, Add	*9.63*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.01*	
		For Elevated Installation >35' To 40' Above Floor, Add	*13.76*	
		For Elevated Installation >40' Above Floor, Add	*15.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.26*	
26 05 33 13-0492	EA	2" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing	41.28	14.35
		For Work In Restricted Working Space, Add	*8.62*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.87*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.74*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.18*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.05*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.49*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.36*	
		For Elevated Installation >40' Above Floor, Add	*15.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.62*	
26 05 33 13-0493	EA	2" x 1-1/4" Rigid Galvanized Steel (RGS) Reducing Bushing	42.47	14.96
		For Work In Restricted Working Space, Add	*8.97*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.99*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.48*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.47*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.96*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.96*	
		For Elevated Installation >40' Above Floor, Add	*16.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.97*	
26 05 33 13-0494	EA	2" x 1-1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	45.47	16.45
		For Work In Restricted Working Space, Add	*9.87*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.29*	
		For Elevated Installation >15' To 20' Above Floor, Add	*6.58*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.23*	
		For Elevated Installation >25' To 30' Above Floor, Add	*11.52*	
		For Elevated Installation >30' To 35' Above Floor, Add	*13.16*	
		For Elevated Installation >35' To 40' Above Floor, Add	*16.46*	
		For Elevated Installation >40' Above Floor, Add	*18.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.87*	
26 05 33 13-0495	EA	2-1/2" x 2" Rigid Galvanized Steel (RGS) Reducing Bushing	57.50	19.45
		For Work In Restricted Working Space, Add	*11.67*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.89*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.78*	
		For Elevated Installation >20' To 25' Above Floor, Add	*9.72*	
		For Elevated Installation >25' To 30' Above Floor, Add	*13.61*	
		For Elevated Installation >30' To 35' Above Floor, Add	*15.56*	
		For Elevated Installation >35' To 40' Above Floor, Add	*19.45*	
		For Elevated Installation >40' Above Floor, Add	*21.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.67*	

26 05 33 13-0496 Rigid Galvanized Steel (RGS) Locknuts *(26 05 33 13-0060)*

26 05 33 13-0497	EA	1/2" Rigid Galvanized Steel (RGS) Locknuts	2.49	1.19
		For Work In Restricted Working Space, Add	*0.72*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.24*	
		For Elevated Installation >15' To 20' Above Floor, Add	*0.48*	
		For Elevated Installation >20' To 25' Above Floor, Add	*0.60*	
		For Elevated Installation >25' To 30' Above Floor, Add	*0.84*	
		For Elevated Installation >30' To 35' Above Floor, Add	*0.96*	
		For Elevated Installation >35' To 40' Above Floor, Add	*1.20*	
		For Elevated Installation >40' Above Floor, Add	*1.32*	
26 05 33 13-0498	EA	3/4" Rigid Galvanized Steel (RGS) Locknuts	3.72	1.79
		For Work In Restricted Working Space, Add	*1.08*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.36*	
		For Elevated Installation >15' To 20' Above Floor, Add	*0.72*	
		For Elevated Installation >20' To 25' Above Floor, Add	*0.90*	
		For Elevated Installation >25' To 30' Above Floor, Add	*1.26*	
		For Elevated Installation >30' To 35' Above Floor, Add	*1.44*	
		For Elevated Installation >35' To 40' Above Floor, Add	*1.80*	
		For Elevated Installation >40' Above Floor, Add	*1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0499	EA	1" Rigid Galvanized Steel (RGS) Locknuts	6.19	2.99
		For Work In Restricted Working Space, Add	*1.79*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.60*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.20*	
		For Elevated Installation >20' To 25' Above Floor, Add	*1.50*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.09*	
		For Elevated Installation >30' To 35' Above Floor, Add	*2.39*	
		For Elevated Installation >35' To 40' Above Floor, Add	*2.99*	
		For Elevated Installation >40' Above Floor, Add	*3.29*	
26 05 33 13-0500	EA	1-1/4" Rigid Galvanized Steel (RGS) Locknuts	8.73	4.19
		For Work In Restricted Working Space, Add	*2.51*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.84*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.68*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.10*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.93*	
		For Elevated Installation >30' To 35' Above Floor, Add	*3.35*	
		For Elevated Installation >35' To 40' Above Floor, Add	*4.19*	
		For Elevated Installation >40' Above Floor, Add	*4.61*	
26 05 33 13-0501	EA	1-1/2" Rigid Galvanized Steel (RGS) Locknuts	10.02	4.78
		For Work In Restricted Working Space, Add	*2.87*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.96*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.91*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.39*	
		For Elevated Installation >25' To 30' Above Floor, Add	*3.35*	
		For Elevated Installation >30' To 35' Above Floor, Add	*3.83*	
		For Elevated Installation >35' To 40' Above Floor, Add	*4.79*	
		For Elevated Installation >40' Above Floor, Add	*5.26*	
26 05 33 13-0502	EA	2" Rigid Galvanized Steel (RGS) Locknuts	11.33	5.38
		For Work In Restricted Working Space, Add	*3.23*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.08*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.15*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.69*	
		For Elevated Installation >25' To 30' Above Floor, Add	*3.77*	
		For Elevated Installation >30' To 35' Above Floor, Add	*4.31*	
		For Elevated Installation >35' To 40' Above Floor, Add	*5.39*	
		For Elevated Installation >40' Above Floor, Add	*5.92*	
26 05 33 13-0503	EA	2-1/2" Rigid Galvanized Steel (RGS) Locknuts	15.84	7.18
		For Work In Restricted Working Space, Add	*4.31*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.44*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.87*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.59*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.02*	
		For Elevated Installation >30' To 35' Above Floor, Add	*5.74*	
		For Elevated Installation >35' To 40' Above Floor, Add	*7.18*	
		For Elevated Installation >40' Above Floor, Add	*7.89*	
26 05 33 13-0504	EA	3" Rigid Galvanized Steel (RGS) Locknuts	19.59	8.97
		For Work In Restricted Working Space, Add	*5.39*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.80*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.59*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.49*	
		For Elevated Installation >25' To 30' Above Floor, Add	*6.28*	
		For Elevated Installation >30' To 35' Above Floor, Add	*7.18*	
		For Elevated Installation >35' To 40' Above Floor, Add	*8.98*	
		For Elevated Installation >40' Above Floor, Add	*9.87*	
26 05 33 13-0505	EA	3-1/2" Rigid Galvanized Steel (RGS) Locknuts	23.07	10.17
		For Work In Restricted Working Space, Add	*6.10*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.03*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.07*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.09*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.12*	
		For Elevated Installation >30' To 35' Above Floor, Add	*8.14*	
		For Elevated Installation >35' To 40' Above Floor, Add	*10.17*	
		For Elevated Installation >40' Above Floor, Add	*11.19*	
26 05 33 13-0506	EA	4" Rigid Galvanized Steel (RGS) Locknuts	25.87	11.37
		For Work In Restricted Working Space, Add	*6.82*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.27*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.55*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.68*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.96*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.09*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.37*	
		For Elevated Installation >40' Above Floor, Add	*12.50*	

26 05 33 13-0507 Rigid Galvanized Steel (RGS) Grounding Locknuts *(26 05 33 13-0060)*

26 05 33 13-0508	EA	1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	3.76	1.19
		For Work In Restricted Working Space, Add	*0.72*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.24*	
		For Elevated Installation >15' To 20' Above Floor, Add	*0.48*	
		For Elevated Installation >20' To 25' Above Floor, Add	*0.60*	
		For Elevated Installation >25' To 30' Above Floor, Add	*0.84*	
		For Elevated Installation >30' To 35' Above Floor, Add	*0.96*	
		For Elevated Installation >35' To 40' Above Floor, Add	*1.20*	
		For Elevated Installation >40' Above Floor, Add	*1.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0509	EA	3/4" Rigid Galvanized Steel (RGS) Grounding Locknuts	5.22	1.79
		For Work In Restricted Working Space, Add	*1.08*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.36*	
		For Elevated Installation >15' To 20' Above Floor, Add	*0.72*	
		For Elevated Installation >20' To 25' Above Floor, Add	*0.90*	
		For Elevated Installation >25' To 30' Above Floor, Add	*1.26*	
		For Elevated Installation >30' To 35' Above Floor, Add	*1.44*	
		For Elevated Installation >35' To 40' Above Floor, Add	*1.80*	
		For Elevated Installation >40' Above Floor, Add	*1.97*	
26 05 33 13-0510	EA	1" Rigid Galvanized Steel (RGS) Grounding Locknuts	8.32	2.99
		For Work In Restricted Working Space, Add	*1.79*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.60*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.20*	
		For Elevated Installation >20' To 25' Above Floor, Add	*1.50*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.09*	
		For Elevated Installation >30' To 35' Above Floor, Add	*2.39*	
		For Elevated Installation >35' To 40' Above Floor, Add	*2.99*	
		For Elevated Installation >40' Above Floor, Add	*3.29*	
26 05 33 13-0511	EA	1-1/4" Rigid Galvanized Steel (RGS) Grounding Locknuts	11.63	4.19
		For Work In Restricted Working Space, Add	*2.51*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.84*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.68*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.10*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.93*	
		For Elevated Installation >30' To 35' Above Floor, Add	*3.35*	
		For Elevated Installation >35' To 40' Above Floor, Add	*4.19*	
		For Elevated Installation >40' Above Floor, Add	*4.61*	
26 05 33 13-0512	EA	1-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	13.13	4.78
		For Work In Restricted Working Space, Add	*2.87*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.96*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.91*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.39*	
		For Elevated Installation >25' To 30' Above Floor, Add	*3.35*	
		For Elevated Installation >30' To 35' Above Floor, Add	*3.83*	
		For Elevated Installation >35' To 40' Above Floor, Add	*4.79*	
		For Elevated Installation >40' Above Floor, Add	*5.26*	
26 05 33 13-0513	EA	2" Rigid Galvanized Steel (RGS) Grounding Locknuts	15.42	5.38
		For Work In Restricted Working Space, Add	*3.23*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.08*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.15*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.69*	
		For Elevated Installation >25' To 30' Above Floor, Add	*3.77*	
		For Elevated Installation >30' To 35' Above Floor, Add	*4.31*	
		For Elevated Installation >35' To 40' Above Floor, Add	*5.39*	
		For Elevated Installation >40' Above Floor, Add	*5.92*	
26 05 33 13-0514	EA	2-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	22.98	7.18
		For Work In Restricted Working Space, Add	*4.31*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.44*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.87*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.59*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.02*	
		For Elevated Installation >30' To 35' Above Floor, Add	*5.74*	
		For Elevated Installation >35' To 40' Above Floor, Add	*7.18*	
		For Elevated Installation >40' Above Floor, Add	*7.89*	
26 05 33 13-0515	EA	3" Rigid Galvanized Steel (RGS) Grounding Locknuts	28.91	8.97
		For Work In Restricted Working Space, Add	*5.39*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.80*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.59*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.49*	
		For Elevated Installation >25' To 30' Above Floor, Add	*6.28*	
		For Elevated Installation >30' To 35' Above Floor, Add	*7.18*	
		For Elevated Installation >35' To 40' Above Floor, Add	*8.98*	
		For Elevated Installation >40' Above Floor, Add	*9.87*	
26 05 33 13-0516	EA	3-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	38.13	10.17
		For Work In Restricted Working Space, Add	*6.10*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.03*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.07*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.09*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.12*	
		For Elevated Installation >30' To 35' Above Floor, Add	*8.14*	
		For Elevated Installation >35' To 40' Above Floor, Add	*10.17*	
		For Elevated Installation >40' Above Floor, Add	*11.19*	
26 05 33 13-0517	EA	4" Rigid Galvanized Steel (RGS) Grounding Locknuts	45.68	11.37
		For Work In Restricted Working Space, Add	*6.82*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.27*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.55*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.68*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.96*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.09*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.37*	
		For Elevated Installation >40' Above Floor, Add	*12.50*	

26 05 33 13-0518 Rigid Galvanized Steel (RGS) Insulated Ground Bushing *(26 05 33 13-0060)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0519	EA	1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	10.58	3.59
		For Work In Restricted Working Space, Add	*2.15*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.72*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.44*	
		For Elevated Installation >20' To 25' Above Floor, Add	*1.80*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.51*	
		For Elevated Installation >30' To 35' Above Floor, Add	*2.87*	
		For Elevated Installation >35' To 40' Above Floor, Add	*3.59*	
		For Elevated Installation >40' Above Floor, Add	*3.95*	
26 05 33 13-0520	EA	3/4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	13.27	4.78
		For Work In Restricted Working Space, Add	*2.87*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.96*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.91*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.39*	
		For Elevated Installation >25' To 30' Above Floor, Add	*3.35*	
		For Elevated Installation >30' To 35' Above Floor, Add	*3.83*	
		For Elevated Installation >35' To 40' Above Floor, Add	*4.79*	
		For Elevated Installation >40' Above Floor, Add	*5.26*	
26 05 33 13-0521	EA	1" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	16.95	5.98
		For Work In Restricted Working Space, Add	*3.59*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.20*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.39*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.99*	
		For Elevated Installation >25' To 30' Above Floor, Add	*4.19*	
		For Elevated Installation >30' To 35' Above Floor, Add	*4.79*	
		For Elevated Installation >35' To 40' Above Floor, Add	*5.99*	
		For Elevated Installation >40' Above Floor, Add	*6.58*	
26 05 33 13-0522	EA	1-1/4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	24.70	9.57
		For Work In Restricted Working Space, Add	*5.74*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.91*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.83*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.79*	
		For Elevated Installation >25' To 30' Above Floor, Add	*6.70*	
		For Elevated Installation >30' To 35' Above Floor, Add	*7.66*	
		For Elevated Installation >35' To 40' Above Floor, Add	*9.57*	
		For Elevated Installation >40' Above Floor, Add	*10.53*	
26 05 33 13-0523	EA	1-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	27.83	10.77
		For Work In Restricted Working Space, Add	*6.46*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.15*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.31*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.39*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.54*	
		For Elevated Installation >30' To 35' Above Floor, Add	*8.62*	
		For Elevated Installation >35' To 40' Above Floor, Add	*10.77*	
		For Elevated Installation >40' Above Floor, Add	*11.85*	
26 05 33 13-0524	EA	2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	31.64	11.97
		For Work In Restricted Working Space, Add	*7.18*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.39*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.79*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.98*	
		For Elevated Installation >25' To 30' Above Floor, Add	*8.38*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.57*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.97*	
		For Elevated Installation >40' Above Floor, Add	*13.16*	
26 05 33 13-0525	EA	2-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	43.62	14.35
		For Work In Restricted Working Space, Add	*8.62*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.87*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.74*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.18*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.05*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.49*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.36*	
		For Elevated Installation >40' Above Floor, Add	*15.80*	
26 05 33 13-0526	EA	3" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	52.96	17.95
		For Work In Restricted Working Space, Add	*10.77*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.59*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.18*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.56*	
		For Elevated Installation >30' To 35' Above Floor, Add	*14.36*	
		For Elevated Installation >35' To 40' Above Floor, Add	*17.95*	
		For Elevated Installation >40' Above Floor, Add	*19.74*	
26 05 33 13-0527	EA	3-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	65.49	23.93
		For Work In Restricted Working Space, Add	*14.36*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.57*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*16.75*	
		For Elevated Installation >30' To 35' Above Floor, Add	*19.14*	
		For Elevated Installation >35' To 40' Above Floor, Add	*23.93*	
		For Elevated Installation >40' Above Floor, Add	*26.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0528	EA	4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	79.76	29.91
		For Work In Restricted Working Space, Add	*17.95*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.98*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.97*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.96*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.93*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.92*	
		For Elevated Installation >40' Above Floor, Add	*32.91*	
26 05 33 13-0529		Rigid Galvanized Steel (RGS) Threadless Compression Connectors *(26 05 33 13-0060)*		
26 05 33 13-0530	EA	1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	25.55	10.77
		For Work In Restricted Working Space, Add	*6.46*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.15*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.31*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.39*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.54*	
		For Elevated Installation >30' To 35' Above Floor, Add	*8.62*	
		For Elevated Installation >35' To 40' Above Floor, Add	*10.77*	
		For Elevated Installation >40' Above Floor, Add	*11.85*	
26 05 33 13-0531	EA	3/4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	30.39	11.97
		For Work In Restricted Working Space, Add	*7.18*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.39*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.79*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.98*	
		For Elevated Installation >25' To 30' Above Floor, Add	*8.38*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.57*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.97*	
		For Elevated Installation >40' Above Floor, Add	*13.16*	
26 05 33 13-0532	EA	1" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	40.00	14.96
		For Work In Restricted Working Space, Add	*8.97*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.99*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.48*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.47*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.96*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.96*	
		For Elevated Installation >40' Above Floor, Add	*16.45*	
26 05 33 13-0533	EA	1-1/4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	54.89	17.95
		For Work In Restricted Working Space, Add	*10.77*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.59*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.18*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.56*	
		For Elevated Installation >30' To 35' Above Floor, Add	*14.36*	
		For Elevated Installation >35' To 40' Above Floor, Add	*17.95*	
		For Elevated Installation >40' Above Floor, Add	*19.74*	
26 05 33 13-0534	EA	1-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	74.17	23.93
		For Work In Restricted Working Space, Add	*14.36*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.57*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*16.75*	
		For Elevated Installation >30' To 35' Above Floor, Add	*19.14*	
		For Elevated Installation >35' To 40' Above Floor, Add	*23.93*	
		For Elevated Installation >40' Above Floor, Add	*26.32*	
26 05 33 13-0535	EA	2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	110.31	29.91
		For Work In Restricted Working Space, Add	*17.95*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.98*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.97*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.96*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.93*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.92*	
		For Elevated Installation >40' Above Floor, Add	*32.91*	
26 05 33 13-0536	EA	2-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	188.24	35.89
		For Work In Restricted Working Space, Add	*21.54*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.18*	
		For Elevated Installation >15' To 20' Above Floor, Add	*14.36*	
		For Elevated Installation >20' To 25' Above Floor, Add	*17.95*	
		For Elevated Installation >25' To 30' Above Floor, Add	*25.13*	
		For Elevated Installation >30' To 35' Above Floor, Add	*28.72*	
		For Elevated Installation >35' To 40' Above Floor, Add	*35.90*	
		For Elevated Installation >40' Above Floor, Add	*39.48*	
26 05 33 13-0537	EA	3" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	238.14	41.88
		For Work In Restricted Working Space, Add	*25.13*	
		For Elevated Installation >10' To 15' Above Floor, Add	*8.38*	
		For Elevated Installation >15' To 20' Above Floor, Add	*16.75*	
		For Elevated Installation >20' To 25' Above Floor, Add	*20.94*	
		For Elevated Installation >25' To 30' Above Floor, Add	*29.32*	
		For Elevated Installation >30' To 35' Above Floor, Add	*33.50*	
		For Elevated Installation >35' To 40' Above Floor, Add	*41.88*	
		For Elevated Installation >40' Above Floor, Add	*46.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0538	EA	3-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	303.45	50.85
		For Work In Restricted Working Space, Add	*30.51*	
		For Elevated Installation >10' To 15' Above Floor, Add	*10.17*	
		For Elevated Installation >15' To 20' Above Floor, Add	*20.34*	
		For Elevated Installation >20' To 25' Above Floor, Add	*25.43*	
		For Elevated Installation >25' To 30' Above Floor, Add	*35.60*	
		For Elevated Installation >30' To 35' Above Floor, Add	*40.68*	
		For Elevated Installation >35' To 40' Above Floor, Add	*50.86*	
		For Elevated Installation >40' Above Floor, Add	*55.94*	
26 05 33 13-0539	EA	4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	366.63	59.83
		For Work In Restricted Working Space, Add	*35.90*	
		For Elevated Installation >10' To 15' Above Floor, Add	*11.97*	
		For Elevated Installation >15' To 20' Above Floor, Add	*23.93*	
		For Elevated Installation >20' To 25' Above Floor, Add	*29.91*	
		For Elevated Installation >25' To 30' Above Floor, Add	*41.88*	
		For Elevated Installation >30' To 35' Above Floor, Add	*47.86*	
		For Elevated Installation >35' To 40' Above Floor, Add	*59.83*	
		For Elevated Installation >40' Above Floor, Add	*65.81*	

26 05 33 13-0540 Rigid Galvanized Steel (RGS) Compression Coupling *(26 05 33 13-0060)*

26 05 33 13-0541	EA	1/2" Rigid Galvanized Steel (RGS) Compression Coupling	36.39	14.96
		For Work In Restricted Working Space, Add	*8.97*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.99*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.48*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.47*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.96*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.96*	
		For Elevated Installation >40' Above Floor, Add	*16.45*	
26 05 33 13-0542	EA	3/4" Rigid Galvanized Steel (RGS) Compression Coupling	46.27	17.95
		For Work In Restricted Working Space, Add	*10.77*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.59*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.18*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.56*	
		For Elevated Installation >30' To 35' Above Floor, Add	*14.36*	
		For Elevated Installation >35' To 40' Above Floor, Add	*17.95*	
		For Elevated Installation >40' Above Floor, Add	*19.74*	
26 05 33 13-0543	EA	1" Rigid Galvanized Steel (RGS) Compression Coupling	65.97	23.93
		For Work In Restricted Working Space, Add	*14.36*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.57*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*16.75*	
		For Elevated Installation >30' To 35' Above Floor, Add	*19.14*	
		For Elevated Installation >35' To 40' Above Floor, Add	*23.93*	
		For Elevated Installation >40' Above Floor, Add	*26.32*	
26 05 33 13-0544	EA	1-1/4" Rigid Galvanized Steel (RGS) Compression Coupling	86.64	29.91
		For Work In Restricted Working Space, Add	*17.95*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.98*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.97*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.96*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.93*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.92*	
		For Elevated Installation >40' Above Floor, Add	*32.91*	
26 05 33 13-0545	EA	1-1/2" Rigid Galvanized Steel (RGS) Compression Coupling	106.70	35.89
		For Work In Restricted Working Space, Add	*21.54*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.18*	
		For Elevated Installation >15' To 20' Above Floor, Add	*14.36*	
		For Elevated Installation >20' To 25' Above Floor, Add	*17.95*	
		For Elevated Installation >25' To 30' Above Floor, Add	*25.13*	
		For Elevated Installation >30' To 35' Above Floor, Add	*28.72*	
		For Elevated Installation >35' To 40' Above Floor, Add	*35.90*	
		For Elevated Installation >40' Above Floor, Add	*39.48*	
26 05 33 13-0546	EA	2" Rigid Galvanized Steel (RGS) Compression Coupling	160.10	41.88
		For Work In Restricted Working Space, Add	*25.13*	
		For Elevated Installation >10' To 15' Above Floor, Add	*8.38*	
		For Elevated Installation >15' To 20' Above Floor, Add	*16.75*	
		For Elevated Installation >20' To 25' Above Floor, Add	*20.94*	
		For Elevated Installation >25' To 30' Above Floor, Add	*29.32*	
		For Elevated Installation >30' To 35' Above Floor, Add	*33.50*	
		For Elevated Installation >35' To 40' Above Floor, Add	*41.88*	
		For Elevated Installation >40' Above Floor, Add	*46.07*	
26 05 33 13-0547	EA	2-1/2" Rigid Galvanized Steel (RGS) Compression Coupling	256.52	47.86
		For Work In Restricted Working Space, Add	*28.72*	
		For Elevated Installation >10' To 15' Above Floor, Add	*9.57*	
		For Elevated Installation >15' To 20' Above Floor, Add	*19.14*	
		For Elevated Installation >20' To 25' Above Floor, Add	*23.93*	
		For Elevated Installation >25' To 30' Above Floor, Add	*33.50*	
		For Elevated Installation >30' To 35' Above Floor, Add	*38.29*	
		For Elevated Installation >35' To 40' Above Floor, Add	*47.86*	
		For Elevated Installation >40' Above Floor, Add	*52.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0548	EA	3" Rigid Galvanized Steel (RGS) Compression Coupling	295.60	41.28
		For Work In Restricted Working Space, Add	*24.77*	
		For Elevated Installation >10' To 15' Above Floor, Add	*8.26*	
		For Elevated Installation >15' To 20' Above Floor, Add	*16.51*	
		For Elevated Installation >20' To 25' Above Floor, Add	*20.64*	
		For Elevated Installation >25' To 30' Above Floor, Add	*28.90*	
		For Elevated Installation >30' To 35' Above Floor, Add	*33.02*	
		For Elevated Installation >35' To 40' Above Floor, Add	*41.28*	
		For Elevated Installation >40' Above Floor, Add	*45.41*	
26 05 33 13-0549	EA	3-1/2" Rigid Galvanized Steel (RGS) Compression Coupling	406.09	62.82
		For Work In Restricted Working Space, Add	*37.69*	
		For Elevated Installation >10' To 15' Above Floor, Add	*12.56*	
		For Elevated Installation >15' To 20' Above Floor, Add	*25.13*	
		For Elevated Installation >20' To 25' Above Floor, Add	*31.41*	
		For Elevated Installation >25' To 30' Above Floor, Add	*43.97*	
		For Elevated Installation >30' To 35' Above Floor, Add	*50.26*	
		For Elevated Installation >35' To 40' Above Floor, Add	*62.82*	
		For Elevated Installation >40' Above Floor, Add	*69.10*	
26 05 33 13-0550	EA	4" Rigid Galvanized Steel (RGS) Compression Coupling	502.45	71.79
		For Work In Restricted Working Space, Add	*43.08*	
		For Elevated Installation >10' To 15' Above Floor, Add	*14.36*	
		For Elevated Installation >15' To 20' Above Floor, Add	*28.72*	
		For Elevated Installation >20' To 25' Above Floor, Add	*35.90*	
		For Elevated Installation >25' To 30' Above Floor, Add	*50.26*	
		For Elevated Installation >30' To 35' Above Floor, Add	*57.44*	
		For Elevated Installation >35' To 40' Above Floor, Add	*71.80*	
		For Elevated Installation >40' Above Floor, Add	*78.97*	

26 05 33 13-0551 Zinc Plated Steel Snap-in Knock Out Seal *(26 05 33 13-0060)*

26 05 33 13-0552	EA	1/2" Zinc Plated Steel Snap-in Knock Out Seal	6.27	2.99
		For Work In Restricted Working Space, Add	*1.79*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.60*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.20*	
		For Elevated Installation >20' To 25' Above Floor, Add	*1.50*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.09*	
		For Elevated Installation >30' To 35' Above Floor, Add	*2.39*	
		For Elevated Installation >35' To 40' Above Floor, Add	*2.99*	
		For Elevated Installation >40' Above Floor, Add	*3.29*	
26 05 33 13-0553	EA	3/4" Zinc Plated Steel Snap-in Knock Out Seal	7.56	3.59
		For Work In Restricted Working Space, Add	*2.15*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.72*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.44*	
		For Elevated Installation >20' To 25' Above Floor, Add	*1.80*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.51*	
		For Elevated Installation >30' To 35' Above Floor, Add	*2.87*	
		For Elevated Installation >35' To 40' Above Floor, Add	*3.59*	
		For Elevated Installation >40' Above Floor, Add	*3.95*	
26 05 33 13-0554	EA	1" Zinc Plated Steel Snap-in Knock Out Seal	8.98	4.19
		For Work In Restricted Working Space, Add	*2.51*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.84*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.68*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.10*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.93*	
		For Elevated Installation >30' To 35' Above Floor, Add	*3.35*	
		For Elevated Installation >35' To 40' Above Floor, Add	*4.19*	
		For Elevated Installation >40' Above Floor, Add	*4.61*	
26 05 33 13-0555	EA	1-1/4" Zinc Plated Steel Snap-in Knock Out Seal	11.56	5.38
		For Work In Restricted Working Space, Add	*3.23*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.08*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.15*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.69*	
		For Elevated Installation >25' To 30' Above Floor, Add	*3.77*	
		For Elevated Installation >30' To 35' Above Floor, Add	*4.31*	
		For Elevated Installation >35' To 40' Above Floor, Add	*5.39*	
		For Elevated Installation >40' Above Floor, Add	*5.92*	
26 05 33 13-0556	EA	1-1/2" Zinc Plated Steel Snap-in Knock Out Seal	13.07	5.98
		For Work In Restricted Working Space, Add	*3.59*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.20*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.39*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.99*	
		For Elevated Installation >25' To 30' Above Floor, Add	*4.19*	
		For Elevated Installation >30' To 35' Above Floor, Add	*4.79*	
		For Elevated Installation >35' To 40' Above Floor, Add	*5.99*	
		For Elevated Installation >40' Above Floor, Add	*6.58*	
26 05 33 13-0557	EA	2" Zinc Plated Steel Snap-in Knock Out Seal	15.89	7.18
		For Work In Restricted Working Space, Add	*4.31*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.44*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.87*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.59*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.02*	
		For Elevated Installation >30' To 35' Above Floor, Add	*5.74*	
		For Elevated Installation >35' To 40' Above Floor, Add	*7.18*	
		For Elevated Installation >40' Above Floor, Add	*7.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0558		**Zinc Plated Steel 3-Piece Knock Out Seal** *(26 05 33 13-0060)*		
26 05 33 13-0559	EA	1/2" Zinc Plated Steel 3-Piece Knock Out Seal	7.71	2.99
		For Work In Restricted Working Space, Add	*1.79*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.60*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.20*	
		For Elevated Installation >20' To 25' Above Floor, Add	*1.50*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.09*	
		For Elevated Installation >30' To 35' Above Floor, Add	*2.39*	
		For Elevated Installation >35' To 40' Above Floor, Add	*2.99*	
		For Elevated Installation >40' Above Floor, Add	*3.29*	
26 05 33 13-0560	EA	3/4" Zinc Plated Steel 3-Piece Knock Out Seal	9.19	3.59
		For Work In Restricted Working Space, Add	*2.15*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.72*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.44*	
		For Elevated Installation >20' To 25' Above Floor, Add	*1.80*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.51*	
		For Elevated Installation >30' To 35' Above Floor, Add	*2.87*	
		For Elevated Installation >35' To 40' Above Floor, Add	*3.59*	
		For Elevated Installation >40' Above Floor, Add	*3.95*	
26 05 33 13-0561	EA	1" Zinc Plated Steel 3-Piece Knock Out Seal	11.16	4.19
		For Work In Restricted Working Space, Add	*2.51*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.84*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.68*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.10*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.93*	
		For Elevated Installation >30' To 35' Above Floor, Add	*3.35*	
		For Elevated Installation >35' To 40' Above Floor, Add	*4.19*	
		For Elevated Installation >40' Above Floor, Add	*4.61*	
26 05 33 13-0562	EA	1-1/4" Zinc Plated Steel 3-Piece Knock Out Seal	14.34	5.38
		For Work In Restricted Working Space, Add	*3.23*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.08*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.15*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.69*	
		For Elevated Installation >25' To 30' Above Floor, Add	*3.77*	
		For Elevated Installation >30' To 35' Above Floor, Add	*4.31*	
		For Elevated Installation >35' To 40' Above Floor, Add	*5.39*	
		For Elevated Installation >40' Above Floor, Add	*5.92*	
26 05 33 13-0563	EA	1-1/2" Zinc Plated Steel 3-Piece Knock Out Seal	17.67	5.98
		For Work In Restricted Working Space, Add	*3.59*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.20*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.39*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.99*	
		For Elevated Installation >25' To 30' Above Floor, Add	*4.19*	
		For Elevated Installation >30' To 35' Above Floor, Add	*4.79*	
		For Elevated Installation >35' To 40' Above Floor, Add	*5.99*	
		For Elevated Installation >40' Above Floor, Add	*6.58*	
26 05 33 13-0564	EA	2" Zinc Plated Steel 3-Piece Knock Out Seal	21.36	7.18
		For Work In Restricted Working Space, Add	*4.31*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.44*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.87*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.59*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.02*	
		For Elevated Installation >30' To 35' Above Floor, Add	*5.74*	
		For Elevated Installation >35' To 40' Above Floor, Add	*7.18*	
		For Elevated Installation >40' Above Floor, Add	*7.89*	
26 05 33 13-0565	EA	2-1/2" Zinc Plated Steel 3-Piece Knock Out Seal	26.21	8.97
		For Work In Restricted Working Space, Add	*5.39*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.80*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.59*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.49*	
		For Elevated Installation >25' To 30' Above Floor, Add	*6.28*	
		For Elevated Installation >30' To 35' Above Floor, Add	*7.18*	
		For Elevated Installation >35' To 40' Above Floor, Add	*8.98*	
		For Elevated Installation >40' Above Floor, Add	*9.87*	
26 05 33 13-0566	EA	3" Zinc Plated Steel 3-Piece Knock Out Seal	30.65	10.17
		For Work In Restricted Working Space, Add	*6.10*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.03*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.07*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.09*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.12*	
		For Elevated Installation >30' To 35' Above Floor, Add	*8.14*	
		For Elevated Installation >35' To 40' Above Floor, Add	*10.17*	
		For Elevated Installation >40' Above Floor, Add	*11.19*	
26 05 33 13-0567	EA	3-1/2" Zinc Plated Steel 3-Piece Knock Out Seal	37.25	11.37
		For Work In Restricted Working Space, Add	*6.82*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.27*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.55*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.68*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.96*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.09*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.37*	
		For Elevated Installation >40' Above Floor, Add	*12.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0568	EA	4" Zinc Plated Steel 3-Piece Knock Out Seal	43.76	12.56
		For Work In Restricted Working Space, Add	*7.54*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.51*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.03*	
		For Elevated Installation >20' To 25' Above Floor, Add	*6.28*	
		For Elevated Installation >25' To 30' Above Floor, Add	*8.80*	
		For Elevated Installation >30' To 35' Above Floor, Add	*10.05*	
		For Elevated Installation >35' To 40' Above Floor, Add	*12.57*	
		For Elevated Installation >40' Above Floor, Add	*13.82*	
26 05 33 13-0569		**Rigid Galvanized Steel (RGS) Chase Nipples** *(26 05 33 13-0060)*		
26 05 33 13-0570	EA	1/2" Rigid Galvanized Steel (RGS) Chase Nipple	14.79	7.18
		For Work In Restricted Working Space, Add	*4.31*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.44*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.87*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.59*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.02*	
		For Elevated Installation >30' To 35' Above Floor, Add	*5.74*	
		For Elevated Installation >35' To 40' Above Floor, Add	*7.18*	
		For Elevated Installation >40' Above Floor, Add	*7.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.31*	
26 05 33 13-0571	EA	3/4" Rigid Galvanized Steel (RGS) Chase Nipple	17.49	8.38
		For Work In Restricted Working Space, Add	*5.03*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.68*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.35*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.19*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.86*	
		For Elevated Installation >30' To 35' Above Floor, Add	*6.70*	
		For Elevated Installation >35' To 40' Above Floor, Add	*8.38*	
		For Elevated Installation >40' Above Floor, Add	*9.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.03*	
26 05 33 13-0572	EA	1" Rigid Galvanized Steel (RGS) Chase Nipple	21.95	10.17
		For Work In Restricted Working Space, Add	*6.10*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.03*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.07*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.09*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.12*	
		For Elevated Installation >30' To 35' Above Floor, Add	*8.14*	
		For Elevated Installation >35' To 40' Above Floor, Add	*10.17*	
		For Elevated Installation >40' Above Floor, Add	*11.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.10*	
26 05 33 13-0573	EA	1-1/4" Rigid Galvanized Steel (RGS) Chase Nipple	26.73	11.97
		For Work In Restricted Working Space, Add	*7.18*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.39*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.79*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.98*	
		For Elevated Installation >25' To 30' Above Floor, Add	*8.38*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.57*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.97*	
		For Elevated Installation >40' Above Floor, Add	*13.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.18*	
26 05 33 13-0574	EA	1-1/2" Rigid Galvanized Steel (RGS) Chase Nipple	33.51	14.96
		For Work In Restricted Working Space, Add	*8.97*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.99*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.48*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.47*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.96*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.96*	
		For Elevated Installation >40' Above Floor, Add	*16.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.97*	
26 05 33 13-0575	EA	2" Rigid Galvanized Steel (RGS) Chase Nipple	41.74	17.95
		For Work In Restricted Working Space, Add	*10.77*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.59*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.18*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.56*	
		For Elevated Installation >30' To 35' Above Floor, Add	*14.36*	
		For Elevated Installation >35' To 40' Above Floor, Add	*17.95*	
		For Elevated Installation >40' Above Floor, Add	*19.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.77*	
26 05 33 13-0576	EA	2-1/2" Rigid Galvanized Steel (RGS) Chase Nipple	53.00	20.94
		For Work In Restricted Working Space, Add	*12.56*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.19*	
		For Elevated Installation >15' To 20' Above Floor, Add	*8.38*	
		For Elevated Installation >20' To 25' Above Floor, Add	*10.47*	
		For Elevated Installation >25' To 30' Above Floor, Add	*14.66*	
		For Elevated Installation >30' To 35' Above Floor, Add	*16.75*	
		For Elevated Installation >35' To 40' Above Floor, Add	*20.94*	
		For Elevated Installation >40' Above Floor, Add	*23.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0577	EA	3" Rigid Galvanized Steel (RGS) Chase Nipple	59.27	23.93
		For Work In Restricted Working Space, Add	*14.36*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.57*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*16.75*	
		For Elevated Installation >30' To 35' Above Floor, Add	*19.14*	
		For Elevated Installation >35' To 40' Above Floor, Add	*23.93*	
		For Elevated Installation >40' Above Floor, Add	*26.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.36*	
26 05 33 13-0578	EA	3-1/2" Rigid Galvanized Steel (RGS) Chase Nipple	74.02	26.92
		For Work In Restricted Working Space, Add	*16.16*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.39*	
		For Elevated Installation >15' To 20' Above Floor, Add	*10.77*	
		For Elevated Installation >20' To 25' Above Floor, Add	*13.46*	
		For Elevated Installation >25' To 30' Above Floor, Add	*18.85*	
		For Elevated Installation >30' To 35' Above Floor, Add	*21.54*	
		For Elevated Installation >35' To 40' Above Floor, Add	*26.93*	
		For Elevated Installation >40' Above Floor, Add	*29.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.16*	
26 05 33 13-0579	EA	4" Rigid Galvanized Steel (RGS) Chase Nipple	102.09	29.91
		For Work In Restricted Working Space, Add	*17.95*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.98*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.97*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.96*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.93*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.92*	
		For Elevated Installation >40' Above Floor, Add	*32.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.95*	

26 05 33 13-0580 Rigid Galvanized Steel (RGS) Pulling Elbow *(26 05 33 13-0060)*

26 05 33 13-0581	EA	1/2" Rigid Galvanized Steel (RGS) Pulling Elbow	29.21	10.77
		For Work In Restricted Working Space, Add	*6.46*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.15*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.31*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.39*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.54*	
		For Elevated Installation >30' To 35' Above Floor, Add	*8.62*	
		For Elevated Installation >35' To 40' Above Floor, Add	*10.77*	
		For Elevated Installation >40' Above Floor, Add	*11.85*	
26 05 33 13-0582	EA	3/4" Rigid Galvanized Steel (RGS) Pulling Elbow	33.93	12.56
		For Work In Restricted Working Space, Add	*7.54*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.51*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.03*	
		For Elevated Installation >20' To 25' Above Floor, Add	*6.28*	
		For Elevated Installation >25' To 30' Above Floor, Add	*8.80*	
		For Elevated Installation >30' To 35' Above Floor, Add	*10.05*	
		For Elevated Installation >35' To 40' Above Floor, Add	*12.57*	
		For Elevated Installation >40' Above Floor, Add	*13.82*	
26 05 33 13-0583	EA	1" Rigid Galvanized Steel (RGS) Pulling Elbow	43.33	14.35
		For Work In Restricted Working Space, Add	*8.62*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.87*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.74*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.18*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.05*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.49*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.36*	
		For Elevated Installation >40' Above Floor, Add	*15.80*	
26 05 33 13-0584	EA	1-1/4" Rigid Galvanized Steel (RGS) Pulling Elbow	55.56	17.95
		For Work In Restricted Working Space, Add	*10.77*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.59*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.18*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.56*	
		For Elevated Installation >30' To 35' Above Floor, Add	*14.36*	
		For Elevated Installation >35' To 40' Above Floor, Add	*17.95*	
		For Elevated Installation >40' Above Floor, Add	*19.74*	
26 05 33 13-0585	EA	1-1/2" Rigid Galvanized Steel (RGS) Pulling Elbow	74.30	21.54
		For Work In Restricted Working Space, Add	*12.92*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.31*	
		For Elevated Installation >15' To 20' Above Floor, Add	*8.61*	
		For Elevated Installation >20' To 25' Above Floor, Add	*10.77*	
		For Elevated Installation >25' To 30' Above Floor, Add	*15.07*	
		For Elevated Installation >30' To 35' Above Floor, Add	*17.23*	
		For Elevated Installation >35' To 40' Above Floor, Add	*21.54*	
		For Elevated Installation >40' Above Floor, Add	*23.69*	
26 05 33 13-0586	EA	2" Rigid Galvanized Steel (RGS) Pulling Elbow	99.69	25.13
		For Work In Restricted Working Space, Add	*15.08*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.03*	
		For Elevated Installation >15' To 20' Above Floor, Add	*10.05*	
		For Elevated Installation >20' To 25' Above Floor, Add	*12.57*	
		For Elevated Installation >25' To 30' Above Floor, Add	*17.59*	
		For Elevated Installation >30' To 35' Above Floor, Add	*20.10*	
		For Elevated Installation >35' To 40' Above Floor, Add	*25.13*	
		For Elevated Installation >40' Above Floor, Add	*27.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0587	EA	2-1/2" Rigid Galvanized Steel (RGS) Pulling Elbow	139.04	28.72
		For Work In Restricted Working Space, Add	*17.23*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.74*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.49*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.36*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.10*	
		For Elevated Installation >30' To 35' Above Floor, Add	*22.98*	
		For Elevated Installation >35' To 40' Above Floor, Add	*28.72*	
		For Elevated Installation >40' Above Floor, Add	*31.59*	
26 05 33 13-0588	EA	3" Rigid Galvanized Steel (RGS) Pulling Elbow	244.65	35.89
		For Work In Restricted Working Space, Add	*21.54*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.18*	
		For Elevated Installation >15' To 20' Above Floor, Add	*14.36*	
		For Elevated Installation >20' To 25' Above Floor, Add	*17.95*	
		For Elevated Installation >25' To 30' Above Floor, Add	*25.13*	
		For Elevated Installation >30' To 35' Above Floor, Add	*28.72*	
		For Elevated Installation >35' To 40' Above Floor, Add	*35.90*	
		For Elevated Installation >40' Above Floor, Add	*39.48*	

26 05 33 13-0589 Electrical Metallic Tubing (EMT) Thinwall Conduit *(26 05 33 13-0059)*

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-0590 Electrical Metallic Tubing (EMT) Thinwall Conduit *(26 05 33 13-0589)*

Note: Includes field bending conduit up to and including 1". See CSI section 26 05 33 13-1358 for field bending >1".

26 05 33 13-0591	LF	1/2" Electrical Metallic Tubing (EMT) Conduit	6.16	2.16
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.81*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.35*	
		For Work In Restricted Working Space, Add	*1.61*	
		For >1,000, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.04*	
		For >500 To 1,000, Deduct	*-0.33*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.54*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.08*	
		For Elevated Installation >20' To 25' Above Floor, Add	*1.35*	
		For Elevated Installation >25' To 30' Above Floor, Add	*1.88*	
		For Elevated Installation >30' To 35' Above Floor, Add	*2.15*	
		For Elevated Installation >35' To 40' Above Floor, Add	*2.69*	
		For Elevated Installation >40' Above Floor, Add	*2.96*	
		For Installation In Metal Stud Wall, Add	*0.54*	
		For Factory Applied Color Coating, Add	*0.23*	
26 05 33 13-0592	LF	3/4" Electrical Metallic Tubing (EMT) Conduit	7.20	2.40
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.90*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.50*	
		For Work In Restricted Working Space, Add	*1.79*	
		For >1,000, Deduct	*-0.57*	
		For >250 To 500, Deduct	*-0.06*	
		For >500 To 1,000, Deduct	*-0.39*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.60*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.20*	
		For Elevated Installation >20' To 25' Above Floor, Add	*1.50*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.09*	
		For Elevated Installation >30' To 35' Above Floor, Add	*2.39*	
		For Elevated Installation >35' To 40' Above Floor, Add	*2.99*	
		For Elevated Installation >40' Above Floor, Add	*3.29*	
		For Installation In Metal Stud Wall, Add	*0.60*	
		For Factory Applied Color Coating, Add	*0.37*	
26 05 33 13-0593	LF	1" Electrical Metallic Tubing (EMT) Conduit	8.62	2.64
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.99*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.65*	
		For Work In Restricted Working Space, Add	*1.98*	
		For >1,000, Deduct	*-0.70*	
		For >250 To 500, Deduct	*-0.10*	
		For >500 To 1,000, Deduct	*-0.48*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.66*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.32*	
		For Elevated Installation >20' To 25' Above Floor, Add	*1.65*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.31*	
		For Elevated Installation >30' To 35' Above Floor, Add	*2.64*	
		For Elevated Installation >35' To 40' Above Floor, Add	*3.30*	
		For Elevated Installation >40' Above Floor, Add	*3.62*	
		For Installation In Metal Stud Wall, Add	*0.66*	
		For Factory Applied Color Coating, Add	*0.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0594	LF	1-1/4" Electrical Metallic Tubing (EMT) Conduit	10.63	2.97
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.11*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.86*	
		For Work In Restricted Working Space, Add	*2.23*	
		For >1,000, Deduct	*-0.88*	
		For >250 To 500, Deduct	*-0.16*	
		For >500 To 1,000, Deduct	*-0.61*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.74*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.48*	
		For Elevated Installation >20' To 25' Above Floor, Add	*1.86*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.60*	
		For Elevated Installation >30' To 35' Above Floor, Add	*2.97*	
		For Elevated Installation >35' To 40' Above Floor, Add	*3.71*	
		For Elevated Installation >40' Above Floor, Add	*4.08*	
		For Installation In Metal Stud Wall, Add	*0.74*	
		For Factory Applied Color Coating, Add	*0.96*	
26 05 33 13-0595	LF	1-1/2" Electrical Metallic Tubing (EMT) Conduit	12.38	3.35
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.26*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.10*	
		For Work In Restricted Working Space, Add	*2.51*	
		For >1,000, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-0.20*	
		For >500 To 1,000, Deduct	*-0.72*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.84*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.68*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.10*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.93*	
		For Elevated Installation >30' To 35' Above Floor, Add	*3.35*	
		For Elevated Installation >35' To 40' Above Floor, Add	*4.19*	
		For Elevated Installation >40' Above Floor, Add	*4.61*	
		For Installation In Metal Stud Wall, Add	*0.84*	
		For Factory Applied Color Coating, Add	*1.20*	
26 05 33 13-0596	LF	2" Electrical Metallic Tubing (EMT) Conduit	14.31	3.83
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.44*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.39*	
		For Work In Restricted Working Space, Add	*2.87*	
		For >1,000, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-0.24*	
		For >500 To 1,000, Deduct	*-0.83*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.96*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.91*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.39*	
		For Elevated Installation >25' To 30' Above Floor, Add	*3.35*	
		For Elevated Installation >30' To 35' Above Floor, Add	*3.83*	
		For Elevated Installation >35' To 40' Above Floor, Add	*4.79*	
		For Elevated Installation >40' Above Floor, Add	*5.26*	
		For Installation In Metal Stud Wall, Add	*0.96*	
		For Factory Applied Color Coating, Add	*1.42*	
26 05 33 13-0597	LF	2-1/2" Electrical Metallic Tubing (EMT) Conduit	18.39	4.55
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.71*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.84*	
		For Work In Restricted Working Space, Add	*3.41*	
		For >1,000, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-0.35*	
		For >500 To 1,000, Deduct	*-1.10*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.14*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.27*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.84*	
		For Elevated Installation >25' To 30' Above Floor, Add	*3.98*	
		For Elevated Installation >30' To 35' Above Floor, Add	*4.55*	
		For Elevated Installation >35' To 40' Above Floor, Add	*5.69*	
		For Elevated Installation >40' Above Floor, Add	*6.25*	
		For Installation In Metal Stud Wall, Add	*1.14*	
		For Factory Applied Color Coating, Add	*2.11*	
26 05 33 13-0598	LF	3" Electrical Metallic Tubing (EMT) Conduit	21.95	5.26
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.97*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*3.29*	
		For Work In Restricted Working Space, Add	*3.95*	
		For >1,000, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-0.44*	
		For >500 To 1,000, Deduct	*-1.32*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.32*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.63*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.29*	
		For Elevated Installation >25' To 30' Above Floor, Add	*4.61*	
		For Elevated Installation >30' To 35' Above Floor, Add	*5.26*	
		For Elevated Installation >35' To 40' Above Floor, Add	*6.58*	
		For Elevated Installation >40' Above Floor, Add	*7.24*	
		For Installation In Metal Stud Wall, Add	*1.32*	
		For Factory Applied Color Coating, Add	*2.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0599	LF	3-1/2" Electrical Metallic Tubing (EMT) Conduit	27.30	6.22
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*2.33*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*3.89*	
		For Work In Restricted Working Space, Add	*4.67*	
		For >1,000, Deduct	*-2.34*	
		For >250 To 500, Deduct	*-0.59*	
		For >500 To 1,000, Deduct	*-1.66*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.56*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.11*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.89*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.45*	
		For Elevated Installation >30' To 35' Above Floor, Add	*6.22*	
		For Elevated Installation >35' To 40' Above Floor, Add	*7.78*	
		For Elevated Installation >40' Above Floor, Add	*8.56*	
		For Installation In Metal Stud Wall, Add	*1.56*	
		For Factory Applied Color Coating, Add	*3.52*	
26 05 33 13-0600	LF	4" Electrical Metallic Tubing (EMT) Conduit	36.71	9.40
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*3.52*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*5.87*	
		For Work In Restricted Working Space, Add	*7.04*	
		For >1,000, Deduct	*-3.08*	
		For >250 To 500, Deduct	*-0.66*	
		For >500 To 1,000, Deduct	*-2.17*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.35*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.70*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.87*	
		For Elevated Installation >25' To 30' Above Floor, Add	*8.22*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.39*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.74*	
		For Elevated Installation >40' Above Floor, Add	*12.91*	
		For Installation In Metal Stud Wall, Add	*2.35*	
		For Factory Applied Color Coating, Add	*3.97*	

26 05 33 13-0601 Electrical Metallic Tubing (EMT) 90 Degree Elbows *(26 05 33 13-0589)*

See CSI section 26 05 33 13-1358 for conduit field bending.

26 05 33 13-0602	EA	1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	15.28	5.26
		For Work In Restricted Working Space, Add	*3.95*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.32*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.63*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.29*	
		For Elevated Installation >25' To 30' Above Floor, Add	*4.61*	
		For Elevated Installation >30' To 35' Above Floor, Add	*5.26*	
		For Elevated Installation >35' To 40' Above Floor, Add	*6.58*	
		For Elevated Installation >40' Above Floor, Add	*7.24*	
26 05 33 13-0603	EA	3/4" Electrical Metallic Tubing (EMT) 90 Degree Elbow	16.23	5.74
		For Work In Restricted Working Space, Add	*4.31*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.44*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.87*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.59*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.02*	
		For Elevated Installation >30' To 35' Above Floor, Add	*5.74*	
		For Elevated Installation >35' To 40' Above Floor, Add	*7.18*	
		For Elevated Installation >40' Above Floor, Add	*7.89*	
26 05 33 13-0604	EA	1" Electrical Metallic Tubing (EMT) 90 Degree Elbow	19.71	6.70
		For Work In Restricted Working Space, Add	*5.03*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.68*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.35*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.19*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.86*	
		For Elevated Installation >30' To 35' Above Floor, Add	*6.70*	
		For Elevated Installation >35' To 40' Above Floor, Add	*8.38*	
		For Elevated Installation >40' Above Floor, Add	*9.21*	
26 05 33 13-0605	EA	1-1/4" Electrical Metallic Tubing (EMT) 90 Degree Elbow	21.63	7.18
		For Work In Restricted Working Space, Add	*5.39*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.80*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.59*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.49*	
		For Elevated Installation >25' To 30' Above Floor, Add	*6.28*	
		For Elevated Installation >30' To 35' Above Floor, Add	*7.18*	
		For Elevated Installation >35' To 40' Above Floor, Add	*8.98*	
		For Elevated Installation >40' Above Floor, Add	*9.87*	
26 05 33 13-0606	EA	1-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	25.67	8.61
		For Work In Restricted Working Space, Add	*6.46*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.15*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.31*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.39*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.54*	
		For Elevated Installation >30' To 35' Above Floor, Add	*8.62*	
		For Elevated Installation >35' To 40' Above Floor, Add	*10.77*	
		For Elevated Installation >40' Above Floor, Add	*11.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0607	EA	2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	33.63	11.01
		For Work In Restricted Working Space, Add	*8.26*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.75*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.50*	
		For Elevated Installation >20' To 25' Above Floor, Add	*6.88*	
		For Elevated Installation >25' To 30' Above Floor, Add	*9.63*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.01*	
		For Elevated Installation >35' To 40' Above Floor, Add	*13.76*	
		For Elevated Installation >40' Above Floor, Add	*15.14*	
26 05 33 13-0608	EA	2-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	44.60	12.44
		For Work In Restricted Working Space, Add	*9.33*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.11*	
		For Elevated Installation >15' To 20' Above Floor, Add	*6.22*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.78*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.89*	
		For Elevated Installation >30' To 35' Above Floor, Add	*12.44*	
		For Elevated Installation >35' To 40' Above Floor, Add	*15.55*	
		For Elevated Installation >40' Above Floor, Add	*17.11*	
26 05 33 13-0609	EA	3" Electrical Metallic Tubing (EMT) 90 Degree Elbow	56.50	13.88
		For Work In Restricted Working Space, Add	*10.41*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.47*	
		For Elevated Installation >15' To 20' Above Floor, Add	*6.94*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.68*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.15*	
		For Elevated Installation >30' To 35' Above Floor, Add	*13.88*	
		For Elevated Installation >35' To 40' Above Floor, Add	*17.35*	
		For Elevated Installation >40' Above Floor, Add	*19.09*	
26 05 33 13-0610	EA	3-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	64.08	15.32
		For Work In Restricted Working Space, Add	*11.49*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.83*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.66*	
		For Elevated Installation >20' To 25' Above Floor, Add	*9.57*	
		For Elevated Installation >25' To 30' Above Floor, Add	*13.40*	
		For Elevated Installation >30' To 35' Above Floor, Add	*15.32*	
		For Elevated Installation >35' To 40' Above Floor, Add	*19.15*	
		For Elevated Installation >40' Above Floor, Add	*21.06*	
26 05 33 13-0611	EA	4" Electrical Metallic Tubing (EMT) 90 Degree Elbow	137.80	41.10
		For Work In Restricted Working Space, Add	*30.83*	
		For Elevated Installation >10' To 15' Above Floor, Add	*10.28*	
		For Elevated Installation >15' To 20' Above Floor, Add	*20.55*	
		For Elevated Installation >20' To 25' Above Floor, Add	*25.69*	
		For Elevated Installation >25' To 30' Above Floor, Add	*35.96*	
		For Elevated Installation >30' To 35' Above Floor, Add	*41.10*	
		For Elevated Installation >35' To 40' Above Floor, Add	*51.38*	
		For Elevated Installation >40' Above Floor, Add	*56.51*	
26 05 33 13-0612		**Electrical Metallic Tubing (EMT) 45 Degree Elbows** *(26 05 33 13-0589)*		
		See CSI section 26 05 33 13-1358 for conduit field bending.		
26 05 33 13-0613	EA	1/2" Electrical Metallic Tubing (EMT) 45 Degree Elbow	15.05	5.26
		For Work In Restricted Working Space, Add	*3.95*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.32*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.63*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.29*	
		For Elevated Installation >25' To 30' Above Floor, Add	*4.61*	
		For Elevated Installation >30' To 35' Above Floor, Add	*5.26*	
		For Elevated Installation >35' To 40' Above Floor, Add	*6.58*	
		For Elevated Installation >40' Above Floor, Add	*7.24*	
26 05 33 13-0614	EA	3/4" Electrical Metallic Tubing (EMT) 45 Degree Elbow	16.37	5.74
		For Work In Restricted Working Space, Add	*4.31*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.44*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.87*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.59*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.02*	
		For Elevated Installation >30' To 35' Above Floor, Add	*5.74*	
		For Elevated Installation >35' To 40' Above Floor, Add	*7.18*	
		For Elevated Installation >40' Above Floor, Add	*7.89*	
26 05 33 13-0615	EA	1" Electrical Metallic Tubing (EMT) 45 Degree Elbow	20.01	6.70
		For Work In Restricted Working Space, Add	*5.03*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.68*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.35*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.19*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.86*	
		For Elevated Installation >30' To 35' Above Floor, Add	*6.70*	
		For Elevated Installation >35' To 40' Above Floor, Add	*8.38*	
		For Elevated Installation >40' Above Floor, Add	*9.21*	
26 05 33 13-0616	EA	1-1/4" Electrical Metallic Tubing (EMT) 45 Degree Elbow	22.19	7.18
		For Work In Restricted Working Space, Add	*5.39*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.80*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.59*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.49*	
		For Elevated Installation >25' To 30' Above Floor, Add	*6.28*	
		For Elevated Installation >30' To 35' Above Floor, Add	*7.18*	
		For Elevated Installation >35' To 40' Above Floor, Add	*8.98*	
		For Elevated Installation >40' Above Floor, Add	*9.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0617	EA	1-1/2" Electrical Metallic Tubing (EMT) 45 Degree Elbow	26.39	8.61
		For Work In Restricted Working Space, Add	*6.46*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.15*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.31*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.39*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.54*	
		For Elevated Installation >30' To 35' Above Floor, Add	*8.62*	
		For Elevated Installation >35' To 40' Above Floor, Add	*10.77*	
		For Elevated Installation >40' Above Floor, Add	*11.85*	
26 05 33 13-0618	EA	2" Electrical Metallic Tubing (EMT) 45 Degree Elbow	33.40	11.01
		For Work In Restricted Working Space, Add	*8.26*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.75*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.50*	
		For Elevated Installation >20' To 25' Above Floor, Add	*6.88*	
		For Elevated Installation >25' To 30' Above Floor, Add	*9.63*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.01*	
		For Elevated Installation >35' To 40' Above Floor, Add	*13.76*	
		For Elevated Installation >40' Above Floor, Add	*15.14*	
26 05 33 13-0619	EA	2-1/2" Electrical Metallic Tubing (EMT) 45 Degree Elbow	46.67	12.44
		For Work In Restricted Working Space, Add	*9.33*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.11*	
		For Elevated Installation >15' To 20' Above Floor, Add	*6.22*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.78*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.89*	
		For Elevated Installation >30' To 35' Above Floor, Add	*12.44*	
		For Elevated Installation >35' To 40' Above Floor, Add	*15.55*	
		For Elevated Installation >40' Above Floor, Add	*17.11*	
26 05 33 13-0620	EA	3" Electrical Metallic Tubing (EMT) 45 Degree Elbow	58.14	13.88
		For Work In Restricted Working Space, Add	*10.41*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.47*	
		For Elevated Installation >15' To 20' Above Floor, Add	*6.94*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.68*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.15*	
		For Elevated Installation >30' To 35' Above Floor, Add	*13.88*	
		For Elevated Installation >35' To 40' Above Floor, Add	*17.35*	
		For Elevated Installation >40' Above Floor, Add	*19.09*	
26 05 33 13-0621	EA	3-1/2" Electrical Metallic Tubing (EMT) 45 Degree Elbow	68.53	15.32
		For Work In Restricted Working Space, Add	*11.49*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.83*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.66*	
		For Elevated Installation >20' To 25' Above Floor, Add	*9.57*	
		For Elevated Installation >25' To 30' Above Floor, Add	*13.40*	
		For Elevated Installation >30' To 35' Above Floor, Add	*15.32*	
		For Elevated Installation >35' To 40' Above Floor, Add	*19.15*	
		For Elevated Installation >40' Above Floor, Add	*21.06*	
26 05 33 13-0622	EA	4" Electrical Metallic Tubing (EMT) 45 Degree Elbow	134.68	41.10
		For Work In Restricted Working Space, Add	*30.83*	
		For Elevated Installation >10' To 15' Above Floor, Add	*10.28*	
		For Elevated Installation >15' To 20' Above Floor, Add	*20.55*	
		For Elevated Installation >20' To 25' Above Floor, Add	*25.69*	
		For Elevated Installation >25' To 30' Above Floor, Add	*35.96*	
		For Elevated Installation >30' To 35' Above Floor, Add	*41.10*	
		For Elevated Installation >35' To 40' Above Floor, Add	*51.38*	
		For Elevated Installation >40' Above Floor, Add	*56.51*	
26 05 33 13-0623		**Electrical Metallic Tubing (EMT) Set Screw Couplings** *(26 05 33 13-0589)*		
26 05 33 13-0624	EA	1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	6.22	2.87
		For Work In Restricted Working Space, Add	*1.79*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.60*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.20*	
		For Elevated Installation >20' To 25' Above Floor, Add	*1.50*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.09*	
		For Elevated Installation >30' To 35' Above Floor, Add	*2.39*	
		For Elevated Installation >35' To 40' Above Floor, Add	*2.99*	
		For Elevated Installation >40' Above Floor, Add	*3.29*	
26 05 33 13-0625	EA	3/4" Electrical Metallic Tubing (EMT) Set Screw Coupling	7.54	2.87
		For Work In Restricted Working Space, Add	*2.15*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.72*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.44*	
		For Elevated Installation >20' To 25' Above Floor, Add	*1.80*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.51*	
		For Elevated Installation >30' To 35' Above Floor, Add	*2.87*	
		For Elevated Installation >35' To 40' Above Floor, Add	*3.59*	
		For Elevated Installation >40' Above Floor, Add	*3.95*	
26 05 33 13-0626	EA	1" Electrical Metallic Tubing (EMT) Set Screw Coupling	8.92	3.35
		For Work In Restricted Working Space, Add	*2.51*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.84*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.67*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.09*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.93*	
		For Elevated Installation >30' To 35' Above Floor, Add	*3.35*	
		For Elevated Installation >35' To 40' Above Floor, Add	*4.19*	
		For Elevated Installation >40' Above Floor, Add	*4.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0627	EA	1-1/4" Electrical Metallic Tubing (EMT) Set Screw Coupling	11.96	4.31
		For Work In Restricted Working Space, Add	*3.23*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.08*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.15*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.69*	
		For Elevated Installation >25' To 30' Above Floor, Add	*3.77*	
		For Elevated Installation >30' To 35' Above Floor, Add	*4.31*	
		For Elevated Installation >35' To 40' Above Floor, Add	*5.39*	
		For Elevated Installation >40' Above Floor, Add	*5.92*	
26 05 33 13-0628	EA	1-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	14.73	5.26
		For Work In Restricted Working Space, Add	*3.95*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.32*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.63*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.29*	
		For Elevated Installation >25' To 30' Above Floor, Add	*4.61*	
		For Elevated Installation >30' To 35' Above Floor, Add	*5.26*	
		For Elevated Installation >35' To 40' Above Floor, Add	*6.58*	
		For Elevated Installation >40' Above Floor, Add	*7.24*	
26 05 33 13-0629	EA	2" Electrical Metallic Tubing (EMT) Set Screw Coupling	20.04	7.18
		For Work In Restricted Working Space, Add	*5.38*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.59*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.49*	
		For Elevated Installation >25' To 30' Above Floor, Add	*6.28*	
		For Elevated Installation >30' To 35' Above Floor, Add	*7.18*	
		For Elevated Installation >35' To 40' Above Floor, Add	*8.97*	
		For Elevated Installation >40' Above Floor, Add	*9.87*	
26 05 33 13-0630	EA	2-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	27.61	9.57
		For Work In Restricted Working Space, Add	*7.18*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.39*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.79*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.99*	
		For Elevated Installation >25' To 30' Above Floor, Add	*8.38*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.58*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.97*	
		For Elevated Installation >40' Above Floor, Add	*13.17*	
26 05 33 13-0631	EA	3" Electrical Metallic Tubing (EMT) Set Screw Coupling	35.61	11.01
		For Work In Restricted Working Space, Add	*8.97*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.99*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.48*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.47*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.96*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.96*	
		For Elevated Installation >40' Above Floor, Add	*16.45*	
26 05 33 13-0632	EA	3-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	40.41	11.97
		For Work In Restricted Working Space, Add	*10.77*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.59*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.18*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.56*	
		For Elevated Installation >30' To 35' Above Floor, Add	*14.36*	
		For Elevated Installation >35' To 40' Above Floor, Add	*17.95*	
		For Elevated Installation >40' Above Floor, Add	*19.74*	
26 05 33 13-0633	EA	4" Electrical Metallic Tubing (EMT) Set Screw Coupling	118.29	34.05
		For Work In Restricted Working Space, Add	*33.07*	
		For Elevated Installation >10' To 15' Above Floor, Add	*11.02*	
		For Elevated Installation >15' To 20' Above Floor, Add	*22.05*	
		For Elevated Installation >20' To 25' Above Floor, Add	*27.56*	
		For Elevated Installation >25' To 30' Above Floor, Add	*38.58*	
		For Elevated Installation >30' To 35' Above Floor, Add	*44.10*	
		For Elevated Installation >35' To 40' Above Floor, Add	*55.12*	
		For Elevated Installation >40' Above Floor, Add	*60.63*	

26 05 33 13-0634 Electrical Metallic Tubing (EMT) Compression Couplings *(26 05 33 13-0589)*

26 05 33 13-0635	EA	1/2 Electrical Metallic Tubing (EMT) Compression Coupling	7.78	2.87
		For Work In Restricted Working Space, Add	*2.15*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.72*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.44*	
		For Elevated Installation >20' To 25' Above Floor, Add	*1.80*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.51*	
		For Elevated Installation >30' To 35' Above Floor, Add	*2.87*	
		For Elevated Installation >35' To 40' Above Floor, Add	*3.59*	
		For Elevated Installation >40' Above Floor, Add	*3.95*	
26 05 33 13-0636	EA	3/4" Electrical Metallic Tubing (EMT) Compression Coupling	9.04	3.35
		For Work In Restricted Working Space, Add	*2.51*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.84*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.68*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.10*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.93*	
		For Elevated Installation >30' To 35' Above Floor, Add	*3.35*	
		For Elevated Installation >35' To 40' Above Floor, Add	*4.19*	
		For Elevated Installation >40' Above Floor, Add	*4.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0637	EA	1" Electrical Metallic Tubing (EMT) Compression Coupling	12.89	4.78
		For Work In Restricted Working Space, Add	*3.59*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.20*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.39*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.99*	
		For Elevated Installation >25' To 30' Above Floor, Add	*4.19*	
		For Elevated Installation >30' To 35' Above Floor, Add	*4.79*	
		For Elevated Installation >35' To 40' Above Floor, Add	*5.99*	
		For Elevated Installation >40' Above Floor, Add	*6.58*	
26 05 33 13-0638	EA	1-1/4" Electrical Metallic Tubing (EMT) Compression Coupling	16.28	5.74
		For Work In Restricted Working Space, Add	*4.31*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.44*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.87*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.59*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.02*	
		For Elevated Installation >30' To 35' Above Floor, Add	*5.74*	
		For Elevated Installation >35' To 40' Above Floor, Add	*7.18*	
		For Elevated Installation >40' Above Floor, Add	*7.89*	
26 05 33 13-0639	EA	1-1/2" Electrical Metallic Tubing (EMT) Compression Coupling	19.46	6.70
		For Work In Restricted Working Space, Add	*5.03*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.68*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.35*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.19*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.86*	
		For Elevated Installation >30' To 35' Above Floor, Add	*6.70*	
		For Elevated Installation >35' To 40' Above Floor, Add	*8.38*	
		For Elevated Installation >40' Above Floor, Add	*9.21*	
26 05 33 13-0640	EA	2" Electrical Metallic Tubing (EMT) Compression Coupling	25.80	8.61
		For Work In Restricted Working Space, Add	*6.46*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.15*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.31*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.39*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.54*	
		For Elevated Installation >30' To 35' Above Floor, Add	*8.62*	
		For Elevated Installation >35' To 40' Above Floor, Add	*10.77*	
		For Elevated Installation >40' Above Floor, Add	*11.85*	
26 05 33 13-0641	EA	2-1/2" Electrical Metallic Tubing (EMT) Compression Coupling	39.86	11.49
		For Work In Restricted Working Space, Add	*8.62*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.87*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.74*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.18*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.05*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.49*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.36*	
		For Elevated Installation >40' Above Floor, Add	*15.80*	
26 05 33 13-0642	EA	3" Electrical Metallic Tubing (EMT) Compression Coupling	46.16	13.40
		For Work In Restricted Working Space, Add	*10.05*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.35*	
		For Elevated Installation >15' To 20' Above Floor, Add	*6.70*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.38*	
		For Elevated Installation >25' To 30' Above Floor, Add	*11.73*	
		For Elevated Installation >30' To 35' Above Floor, Add	*13.40*	
		For Elevated Installation >35' To 40' Above Floor, Add	*16.75*	
		For Elevated Installation >40' Above Floor, Add	*18.43*	
26 05 33 13-0643	EA	3-1/2" Electrical Metallic Tubing (EMT) Compression Coupling	57.72	16.75
		For Work In Restricted Working Space, Add	*12.56*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.19*	
		For Elevated Installation >15' To 20' Above Floor, Add	*8.38*	
		For Elevated Installation >20' To 25' Above Floor, Add	*10.47*	
		For Elevated Installation >25' To 30' Above Floor, Add	*14.66*	
		For Elevated Installation >30' To 35' Above Floor, Add	*16.75*	
		For Elevated Installation >35' To 40' Above Floor, Add	*20.94*	
		For Elevated Installation >40' Above Floor, Add	*23.03*	
26 05 33 13-0644	EA	4" Electrical Metallic Tubing (EMT) Compression Coupling	74.05	21.54
		For Work In Restricted Working Space, Add	*16.16*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.39*	
		For Elevated Installation >15' To 20' Above Floor, Add	*10.77*	
		For Elevated Installation >20' To 25' Above Floor, Add	*13.46*	
		For Elevated Installation >25' To 30' Above Floor, Add	*18.85*	
		For Elevated Installation >30' To 35' Above Floor, Add	*21.54*	
		For Elevated Installation >35' To 40' Above Floor, Add	*26.93*	
		For Elevated Installation >40' Above Floor, Add	*29.62*	

26 05 33 13-0645 Electrical Metallic Tubing (EMT) Raintight Compression Couplings *(26 05 33 13-0589)*

26 05 33 13-0646	EA	1/2 Electrical Metallic Tubing (EMT) Raintight Compression Coupling	8.65	2.87
		For Work In Restricted Working Space, Add	*2.15*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.72*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.44*	
		For Elevated Installation >20' To 25' Above Floor, Add	*1.80*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.51*	
		For Elevated Installation >30' To 35' Above Floor, Add	*2.87*	
		For Elevated Installation >35' To 40' Above Floor, Add	*3.59*	
		For Elevated Installation >40' Above Floor, Add	*3.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0647	EA	3/4" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	9.99	3.35
		For Work In Restricted Working Space, Add	*2.51*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.84*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.68*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.10*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.93*	
		For Elevated Installation >30' To 35' Above Floor, Add	*3.35*	
		For Elevated Installation >35' To 40' Above Floor, Add	*4.19*	
		For Elevated Installation >40' Above Floor, Add	*4.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.51*	
26 05 33 13-0648	EA	1" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	14.70	4.78
		For Work In Restricted Working Space, Add	*3.59*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.20*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.39*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.99*	
		For Elevated Installation >25' To 30' Above Floor, Add	*4.19*	
		For Elevated Installation >30' To 35' Above Floor, Add	*4.79*	
		For Elevated Installation >35' To 40' Above Floor, Add	*5.99*	
		For Elevated Installation >40' Above Floor, Add	*6.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.59*	
26 05 33 13-0649	EA	1-1/4" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	18.47	5.74
		For Work In Restricted Working Space, Add	*4.31*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.44*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.87*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.59*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.02*	
		For Elevated Installation >30' To 35' Above Floor, Add	*5.74*	
		For Elevated Installation >35' To 40' Above Floor, Add	*7.18*	
		For Elevated Installation >40' Above Floor, Add	*7.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.31*	
26 05 33 13-0650	EA	1-1/2" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	23.36	6.70
		For Work In Restricted Working Space, Add	*5.03*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.68*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.35*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.19*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.86*	
		For Elevated Installation >30' To 35' Above Floor, Add	*6.70*	
		For Elevated Installation >35' To 40' Above Floor, Add	*8.38*	
		For Elevated Installation >40' Above Floor, Add	*9.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.03*	
26 05 33 13-0651	EA	2" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	28.45	8.14
		For Work In Restricted Working Space, Add	*6.10*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.03*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.07*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.09*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.12*	
		For Elevated Installation >30' To 35' Above Floor, Add	*8.14*	
		For Elevated Installation >35' To 40' Above Floor, Add	*10.17*	
		For Elevated Installation >40' Above Floor, Add	*11.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.10*	
26 05 33 13-0652	EA	2-1/2" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	38.31	11.01
		For Work In Restricted Working Space, Add	*8.26*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.75*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.50*	
		For Elevated Installation >20' To 25' Above Floor, Add	*6.88*	
		For Elevated Installation >25' To 30' Above Floor, Add	*9.63*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.01*	
		For Elevated Installation >35' To 40' Above Floor, Add	*13.76*	
		For Elevated Installation >40' Above Floor, Add	*15.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.26*	
26 05 33 13-0653	EA	3" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	48.16	13.40
		For Work In Restricted Working Space, Add	*10.05*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.35*	
		For Elevated Installation >15' To 20' Above Floor, Add	*6.70*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.38*	
		For Elevated Installation >25' To 30' Above Floor, Add	*11.73*	
		For Elevated Installation >30' To 35' Above Floor, Add	*13.40*	
		For Elevated Installation >35' To 40' Above Floor, Add	*16.75*	
		For Elevated Installation >40' Above Floor, Add	*18.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.05*	
26 05 33 13-0654	EA	3-1/2" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	63.09	16.75
		For Work In Restricted Working Space, Add	*12.56*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.19*	
		For Elevated Installation >15' To 20' Above Floor, Add	*8.38*	
		For Elevated Installation >20' To 25' Above Floor, Add	*10.47*	
		For Elevated Installation >25' To 30' Above Floor, Add	*14.66*	
		For Elevated Installation >30' To 35' Above Floor, Add	*16.75*	
		For Elevated Installation >35' To 40' Above Floor, Add	*20.94*	
		For Elevated Installation >40' Above Floor, Add	*23.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0655	EA	4" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	77.56	21.54
		For Work In Restricted Working Space, Add	*16.16*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.39*	
		For Elevated Installation >15' To 20' Above Floor, Add	*10.77*	
		For Elevated Installation >20' To 25' Above Floor, Add	*13.46*	
		For Elevated Installation >25' To 30' Above Floor, Add	*18.85*	
		For Elevated Installation >30' To 35' Above Floor, Add	*21.54*	
		For Elevated Installation >35' To 40' Above Floor, Add	*26.93*	
		For Elevated Installation >40' Above Floor, Add	*29.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.16*	
26 05 33 13-0656		**Electrical Metallic Tubing (EMT) Insulated Bushing** *(26 05 33 13-0589)*		
26 05 33 13-0657	EA	1/2" Electrical Metallic Tubing (EMT) Insulated Bushing	8.10	3.23
		For Work In Restricted Working Space, Add	*2.41*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.80*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.60*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.01*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.81*	
		For Elevated Installation >30' To 35' Above Floor, Add	*3.21*	
		For Elevated Installation >35' To 40' Above Floor, Add	*4.01*	
		For Elevated Installation >40' Above Floor, Add	*4.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.41*	
26 05 33 13-0658	EA	3/4" Electrical Metallic Tubing (EMT) Insulated Bushing	8.86	3.47
		For Work In Restricted Working Space, Add	*2.62*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.87*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.75*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.18*	
		For Elevated Installation >25' To 30' Above Floor, Add	*3.06*	
		For Elevated Installation >30' To 35' Above Floor, Add	*3.49*	
		For Elevated Installation >35' To 40' Above Floor, Add	*4.37*	
		For Elevated Installation >40' Above Floor, Add	*4.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.62*	
26 05 33 13-0659	EA	1" Electrical Metallic Tubing (EMT) Insulated Bushing	11.05	4.31
		For Work In Restricted Working Space, Add	*3.19*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.06*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.13*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.66*	
		For Elevated Installation >25' To 30' Above Floor, Add	*3.72*	
		For Elevated Installation >30' To 35' Above Floor, Add	*4.26*	
		For Elevated Installation >35' To 40' Above Floor, Add	*5.32*	
		For Elevated Installation >40' Above Floor, Add	*5.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.19*	
26 05 33 13-0660	EA	1-1/4" Electrical Metallic Tubing (EMT) Insulated Bushing	14.14	5.50
		For Work In Restricted Working Space, Add	*4.09*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.36*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.73*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.41*	
		For Elevated Installation >25' To 30' Above Floor, Add	*4.77*	
		For Elevated Installation >30' To 35' Above Floor, Add	*5.46*	
		For Elevated Installation >35' To 40' Above Floor, Add	*6.82*	
		For Elevated Installation >40' Above Floor, Add	*7.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.09*	
26 05 33 13-0661	EA	1-1/2" Electrical Metallic Tubing (EMT) Insulated Bushing	16.71	6.34
		For Work In Restricted Working Space, Add	*4.78*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.59*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.18*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.98*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.57*	
		For Elevated Installation >30' To 35' Above Floor, Add	*6.37*	
		For Elevated Installation >35' To 40' Above Floor, Add	*7.96*	
		For Elevated Installation >40' Above Floor, Add	*8.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.78*	
26 05 33 13-0662	EA	2" Electrical Metallic Tubing (EMT) Insulated Bushing	20.47	7.66
		For Work In Restricted Working Space, Add	*5.74*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.91*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.83*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.79*	
		For Elevated Installation >25' To 30' Above Floor, Add	*6.70*	
		For Elevated Installation >30' To 35' Above Floor, Add	*7.66*	
		For Elevated Installation >35' To 40' Above Floor, Add	*9.57*	
		For Elevated Installation >40' Above Floor, Add	*10.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.74*	
26 05 33 13-0663	EA	2-1/2" Electrical Metallic Tubing (EMT) Insulated Bushing	29.42	10.64
		For Work In Restricted Working Space, Add	*7.97*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.66*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.31*	
		For Elevated Installation >20' To 25' Above Floor, Add	*6.64*	
		For Elevated Installation >25' To 30' Above Floor, Add	*9.30*	
		For Elevated Installation >30' To 35' Above Floor, Add	*10.62*	
		For Elevated Installation >35' To 40' Above Floor, Add	*13.28*	
		For Elevated Installation >40' Above Floor, Add	*14.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0664	EA	3" Electrical Metallic Tubing (EMT) Insulated Bushing	39.05	14.12
		For Work In Restricted Working Space, Add	*10.62*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.54*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.08*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.85*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.39*	
		For Elevated Installation >30' To 35' Above Floor, Add	*14.16*	
		For Elevated Installation >35' To 40' Above Floor, Add	*17.71*	
		For Elevated Installation >40' Above Floor, Add	*19.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.62*	
26 05 33 13-0665	EA	3-1/2" Electrical Metallic Tubing (EMT) Insulated Bushing	50.08	18.18
		For Work In Restricted Working Space, Add	*13.68*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.56*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.12*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.40*	
		For Elevated Installation >25' To 30' Above Floor, Add	*15.96*	
		For Elevated Installation >30' To 35' Above Floor, Add	*18.24*	
		For Elevated Installation >35' To 40' Above Floor, Add	*22.80*	
		For Elevated Installation >40' Above Floor, Add	*25.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.68*	
26 05 33 13-0666	EA	4" Electrical Metallic Tubing (EMT) Insulated Bushing	64.83	23.93
		For Work In Restricted Working Space, Add	*17.95*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.98*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.97*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.96*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.93*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.92*	
		For Elevated Installation >40' Above Floor, Add	*32.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.95*	

26 05 33 13-0667 Electrical Metallic Tubing (EMT) Straight Box Connectors With Set Screw *(26 05 33 13-0589)*

26 05 33 13-0668	EA	1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	6.18	2.40
		For Work In Restricted Working Space, Add	*1.79*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.60*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.20*	
		For Elevated Installation >20' To 25' Above Floor, Add	*1.50*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.09*	
		For Elevated Installation >30' To 35' Above Floor, Add	*2.39*	
		For Elevated Installation >35' To 40' Above Floor, Add	*2.99*	
		For Elevated Installation >40' Above Floor, Add	*3.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.79*	
26 05 33 13-0669	EA	3/4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	7.49	2.87
		For Work In Restricted Working Space, Add	*2.15*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.72*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.44*	
		For Elevated Installation >20' To 25' Above Floor, Add	*1.80*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.51*	
		For Elevated Installation >30' To 35' Above Floor, Add	*2.87*	
		For Elevated Installation >35' To 40' Above Floor, Add	*3.59*	
		For Elevated Installation >40' Above Floor, Add	*3.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.15*	
26 05 33 13-0670	EA	1" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	8.93	3.35
		For Work In Restricted Working Space, Add	*2.51*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.84*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.68*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.10*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.93*	
		For Elevated Installation >30' To 35' Above Floor, Add	*3.35*	
		For Elevated Installation >35' To 40' Above Floor, Add	*4.19*	
		For Elevated Installation >40' Above Floor, Add	*4.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.51*	
26 05 33 13-0671	EA	1-1/4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	12.97	4.78
		For Work In Restricted Working Space, Add	*3.59*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.20*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.39*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.99*	
		For Elevated Installation >25' To 30' Above Floor, Add	*4.19*	
		For Elevated Installation >30' To 35' Above Floor, Add	*4.79*	
		For Elevated Installation >35' To 40' Above Floor, Add	*5.99*	
		For Elevated Installation >40' Above Floor, Add	*6.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.59*	
26 05 33 13-0672	EA	1-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	15.81	5.74
		For Work In Restricted Working Space, Add	*4.31*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.44*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.87*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.59*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.02*	
		For Elevated Installation >30' To 35' Above Floor, Add	*5.74*	
		For Elevated Installation >35' To 40' Above Floor, Add	*7.18*	
		For Elevated Installation >40' Above Floor, Add	*7.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0673	EA	2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	20.11	7.18
		For Work In Restricted Working Space, Add	*5.39*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.80*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.59*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.49*	
		For Elevated Installation >25' To 30' Above Floor, Add	*6.28*	
		For Elevated Installation >30' To 35' Above Floor, Add	*7.18*	
		For Elevated Installation >35' To 40' Above Floor, Add	*8.98*	
		For Elevated Installation >40' Above Floor, Add	*9.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.39*	
26 05 33 13-0674	EA	2-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	29.95	9.57
		For Work In Restricted Working Space, Add	*7.18*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.39*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.79*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.98*	
		For Elevated Installation >25' To 30' Above Floor, Add	*8.38*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.57*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.97*	
		For Elevated Installation >40' Above Floor, Add	*13.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.18*	
26 05 33 13-0675	EA	3" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	37.27	11.97
		For Work In Restricted Working Space, Add	*8.97*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.99*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.48*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.47*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.96*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.96*	
		For Elevated Installation >40' Above Floor, Add	*16.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.97*	
26 05 33 13-0676	EA	3-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	44.16	14.35
		For Work In Restricted Working Space, Add	*10.77*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.59*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.18*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.56*	
		For Elevated Installation >30' To 35' Above Floor, Add	*14.36*	
		For Elevated Installation >35' To 40' Above Floor, Add	*17.95*	
		For Elevated Installation >40' Above Floor, Add	*19.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.77*	
26 05 33 13-0677	EA	4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	51.46	16.75
		For Work In Restricted Working Space, Add	*12.56*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.19*	
		For Elevated Installation >15' To 20' Above Floor, Add	*8.38*	
		For Elevated Installation >20' To 25' Above Floor, Add	*10.47*	
		For Elevated Installation >25' To 30' Above Floor, Add	*14.66*	
		For Elevated Installation >30' To 35' Above Floor, Add	*16.75*	
		For Elevated Installation >35' To 40' Above Floor, Add	*20.94*	
		For Elevated Installation >40' Above Floor, Add	*23.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.56*	

26 05 33 13-0678 Electrical Metallic Tubing (EMT) Insulated Straight Box Connectors With Set Screw *(26 05 33 13-0589)*

26 05 33 13-0679	EA	1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	8.34	3.23
		For Work In Restricted Working Space, Add	*2.41*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.80*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.60*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.01*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.81*	
		For Elevated Installation >30' To 35' Above Floor, Add	*3.21*	
		For Elevated Installation >35' To 40' Above Floor, Add	*4.01*	
		For Elevated Installation >40' Above Floor, Add	*4.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.41*	
26 05 33 13-0680	EA	3/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	9.24	3.47
		For Work In Restricted Working Space, Add	*2.62*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.87*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.75*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.18*	
		For Elevated Installation >25' To 30' Above Floor, Add	*3.06*	
		For Elevated Installation >30' To 35' Above Floor, Add	*3.49*	
		For Elevated Installation >35' To 40' Above Floor, Add	*4.37*	
		For Elevated Installation >40' Above Floor, Add	*4.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.62*	
26 05 33 13-0681	EA	1" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	11.56	4.31
		For Work In Restricted Working Space, Add	*3.19*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.06*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.13*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.66*	
		For Elevated Installation >25' To 30' Above Floor, Add	*3.72*	
		For Elevated Installation >30' To 35' Above Floor, Add	*4.26*	
		For Elevated Installation >35' To 40' Above Floor, Add	*5.32*	
		For Elevated Installation >40' Above Floor, Add	*5.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0682	EA	1-1/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	15.16	5.50
		For Work In Restricted Working Space, Add	*4.09*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.36*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.73*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.41*	
		For Elevated Installation >25' To 30' Above Floor, Add	*4.77*	
		For Elevated Installation >30' To 35' Above Floor, Add	*5.46*	
		For Elevated Installation >35' To 40' Above Floor, Add	*6.82*	
		For Elevated Installation >40' Above Floor, Add	*7.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.09*	
26 05 33 13-0683	EA	1-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	17.95	6.34
		For Work In Restricted Working Space, Add	*4.78*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.59*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.18*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.98*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.57*	
		For Elevated Installation >30' To 35' Above Floor, Add	*6.37*	
		For Elevated Installation >35' To 40' Above Floor, Add	*7.96*	
		For Elevated Installation >40' Above Floor, Add	*8.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.78*	
26 05 33 13-0684	EA	2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	21.92	7.66
		For Work In Restricted Working Space, Add	*5.74*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.91*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.83*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.79*	
		For Elevated Installation >25' To 30' Above Floor, Add	*6.70*	
		For Elevated Installation >30' To 35' Above Floor, Add	*7.66*	
		For Elevated Installation >35' To 40' Above Floor, Add	*9.57*	
		For Elevated Installation >40' Above Floor, Add	*10.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.74*	
26 05 33 13-0685	EA	2-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	35.68	10.64
		For Work In Restricted Working Space, Add	*7.97*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.66*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.31*	
		For Elevated Installation >20' To 25' Above Floor, Add	*6.64*	
		For Elevated Installation >25' To 30' Above Floor, Add	*9.30*	
		For Elevated Installation >30' To 35' Above Floor, Add	*10.62*	
		For Elevated Installation >35' To 40' Above Floor, Add	*13.28*	
		For Elevated Installation >40' Above Floor, Add	*14.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.97*	
26 05 33 13-0686	EA	3" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	46.31	14.12
		For Work In Restricted Working Space, Add	*10.62*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.54*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.08*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.85*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.39*	
		For Elevated Installation >30' To 35' Above Floor, Add	*14.16*	
		For Elevated Installation >35' To 40' Above Floor, Add	*17.71*	
		For Elevated Installation >40' Above Floor, Add	*19.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.62*	
26 05 33 13-0687	EA	3-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	59.22	18.18
		For Work In Restricted Working Space, Add	*13.68*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.56*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.12*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.40*	
		For Elevated Installation >25' To 30' Above Floor, Add	*15.96*	
		For Elevated Installation >30' To 35' Above Floor, Add	*18.24*	
		For Elevated Installation >35' To 40' Above Floor, Add	*22.80*	
		For Elevated Installation >40' Above Floor, Add	*25.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.68*	
26 05 33 13-0688	EA	4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	74.83	23.93
		For Work In Restricted Working Space, Add	*17.95*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.98*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.97*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.96*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.93*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.92*	
		For Elevated Installation >40' Above Floor, Add	*32.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.95*	
26 05 33 13-0689		**Electrical Metallic Tubing (EMT) Straight Box Compression Connectors** *(26 05 33 13-0589)*		
26 05 33 13-0690	EA	1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	7.49	2.87
		For Work In Restricted Working Space, Add	*2.15*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.72*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.44*	
		For Elevated Installation >20' To 25' Above Floor, Add	*1.80*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.51*	
		For Elevated Installation >30' To 35' Above Floor, Add	*2.87*	
		For Elevated Installation >35' To 40' Above Floor, Add	*3.59*	
		For Elevated Installation >40' Above Floor, Add	*3.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0691	EA	3/4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	8.85	3.35
		For Work In Restricted Working Space, Add	*2.51*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.84*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.68*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.10*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.93*	
		For Elevated Installation >30' To 35' Above Floor, Add	*3.35*	
		For Elevated Installation >35' To 40' Above Floor, Add	*4.19*	
		For Elevated Installation >40' Above Floor, Add	*4.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.51*	
26 05 33 13-0692	EA	1" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	12.64	4.78
		For Work In Restricted Working Space, Add	*3.59*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.20*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.39*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.99*	
		For Elevated Installation >25' To 30' Above Floor, Add	*4.19*	
		For Elevated Installation >30' To 35' Above Floor, Add	*4.79*	
		For Elevated Installation >35' To 40' Above Floor, Add	*5.99*	
		For Elevated Installation >40' Above Floor, Add	*6.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.59*	
26 05 33 13-0693	EA	1-1/4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	15.62	5.74
		For Work In Restricted Working Space, Add	*4.31*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.44*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.87*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.59*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.02*	
		For Elevated Installation >30' To 35' Above Floor, Add	*5.74*	
		For Elevated Installation >35' To 40' Above Floor, Add	*7.18*	
		For Elevated Installation >40' Above Floor, Add	*7.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.31*	
26 05 33 13-0694	EA	1-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	18.53	6.70
		For Work In Restricted Working Space, Add	*5.03*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.68*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.35*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.19*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.86*	
		For Elevated Installation >30' To 35' Above Floor, Add	*6.70*	
		For Elevated Installation >35' To 40' Above Floor, Add	*8.38*	
		For Elevated Installation >40' Above Floor, Add	*9.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.03*	
26 05 33 13-0695	EA	2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	24.13	8.61
		For Work In Restricted Working Space, Add	*6.46*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.15*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.31*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.39*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.54*	
		For Elevated Installation >30' To 35' Above Floor, Add	*8.62*	
		For Elevated Installation >35' To 40' Above Floor, Add	*10.77*	
		For Elevated Installation >40' Above Floor, Add	*11.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.46*	
26 05 33 13-0696	EA	2-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	36.51	11.49
		For Work In Restricted Working Space, Add	*8.62*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.87*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.74*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.18*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.05*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.49*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.36*	
		For Elevated Installation >40' Above Floor, Add	*15.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.62*	
26 05 33 13-0697	EA	3" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	46.08	14.35
		For Work In Restricted Working Space, Add	*10.77*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.59*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.18*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.56*	
		For Elevated Installation >30' To 35' Above Floor, Add	*14.36*	
		For Elevated Installation >35' To 40' Above Floor, Add	*17.95*	
		For Elevated Installation >40' Above Floor, Add	*19.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.77*	
26 05 33 13-0698	EA	3-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	57.59	16.75
		For Work In Restricted Working Space, Add	*12.56*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.19*	
		For Elevated Installation >15' To 20' Above Floor, Add	*8.38*	
		For Elevated Installation >20' To 25' Above Floor, Add	*10.47*	
		For Elevated Installation >25' To 30' Above Floor, Add	*14.66*	
		For Elevated Installation >30' To 35' Above Floor, Add	*16.75*	
		For Elevated Installation >35' To 40' Above Floor, Add	*20.94*	
		For Elevated Installation >40' Above Floor, Add	*23.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0699	EA	4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	64.90	19.14
		For Work In Restricted Working Space, Add	*14.36*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.57*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*16.75*	
		For Elevated Installation >30' To 35' Above Floor, Add	*19.14*	
		For Elevated Installation >35' To 40' Above Floor, Add	*23.93*	
		For Elevated Installation >40' Above Floor, Add	*26.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.36*	

26 05 33 13-0700 Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connectors *(26 05 33 13-0589)*

26 05 33 13-0701	EA	1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	8.55	3.23
		For Work In Restricted Working Space, Add	*2.41*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.80*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.60*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.01*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.81*	
		For Elevated Installation >30' To 35' Above Floor, Add	*3.21*	
		For Elevated Installation >35' To 40' Above Floor, Add	*4.01*	
		For Elevated Installation >40' Above Floor, Add	*4.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.41*	
26 05 33 13-0702	EA	3/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	9.47	3.47
		For Work In Restricted Working Space, Add	*2.62*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.87*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.75*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.18*	
		For Elevated Installation >25' To 30' Above Floor, Add	*3.06*	
		For Elevated Installation >30' To 35' Above Floor, Add	*3.49*	
		For Elevated Installation >35' To 40' Above Floor, Add	*4.37*	
		For Elevated Installation >40' Above Floor, Add	*4.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.62*	
26 05 33 13-0703	EA	1" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	11.74	4.31
		For Work In Restricted Working Space, Add	*3.19*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.06*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.13*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.66*	
		For Elevated Installation >25' To 30' Above Floor, Add	*3.72*	
		For Elevated Installation >30' To 35' Above Floor, Add	*4.26*	
		For Elevated Installation >35' To 40' Above Floor, Add	*5.32*	
		For Elevated Installation >40' Above Floor, Add	*5.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.19*	
26 05 33 13-0704	EA	1-1/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	15.70	5.50
		For Work In Restricted Working Space, Add	*4.09*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.36*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.73*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.41*	
		For Elevated Installation >25' To 30' Above Floor, Add	*4.77*	
		For Elevated Installation >30' To 35' Above Floor, Add	*5.46*	
		For Elevated Installation >35' To 40' Above Floor, Add	*6.82*	
		For Elevated Installation >40' Above Floor, Add	*7.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.09*	
26 05 33 13-0705	EA	1-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	18.84	6.34
		For Work In Restricted Working Space, Add	*4.78*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.59*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.18*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.98*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.57*	
		For Elevated Installation >30' To 35' Above Floor, Add	*6.37*	
		For Elevated Installation >35' To 40' Above Floor, Add	*7.96*	
		For Elevated Installation >40' Above Floor, Add	*8.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.78*	
26 05 33 13-0706	EA	2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	23.21	7.66
		For Work In Restricted Working Space, Add	*5.74*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.91*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.83*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.79*	
		For Elevated Installation >25' To 30' Above Floor, Add	*6.70*	
		For Elevated Installation >30' To 35' Above Floor, Add	*7.66*	
		For Elevated Installation >35' To 40' Above Floor, Add	*9.57*	
		For Elevated Installation >40' Above Floor, Add	*10.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.74*	
26 05 33 13-0707	EA	2-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	40.38	10.64
		For Work In Restricted Working Space, Add	*7.97*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.66*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.31*	
		For Elevated Installation >20' To 25' Above Floor, Add	*6.64*	
		For Elevated Installation >25' To 30' Above Floor, Add	*9.30*	
		For Elevated Installation >30' To 35' Above Floor, Add	*10.62*	
		For Elevated Installation >35' To 40' Above Floor, Add	*13.28*	
		For Elevated Installation >40' Above Floor, Add	*14.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0708	EA	3" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	54.21	14.12
		For Work In Restricted Working Space, Add	*10.62*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.54*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.08*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.85*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.39*	
		For Elevated Installation >30' To 35' Above Floor, Add	*14.16*	
		For Elevated Installation >35' To 40' Above Floor, Add	*17.71*	
		For Elevated Installation >40' Above Floor, Add	*19.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.62*	
26 05 33 13-0709	EA	3-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	73.06	18.18
		For Work In Restricted Working Space, Add	*13.68*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.56*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.12*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.40*	
		For Elevated Installation >25' To 30' Above Floor, Add	*15.96*	
		For Elevated Installation >30' To 35' Above Floor, Add	*18.24*	
		For Elevated Installation >35' To 40' Above Floor, Add	*22.80*	
		For Elevated Installation >40' Above Floor, Add	*25.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.68*	
26 05 33 13-0710	EA	4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	91.96	23.93
		For Work In Restricted Working Space, Add	*17.95*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.98*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.97*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.96*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.93*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.92*	
		For Elevated Installation >40' Above Floor, Add	*32.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.95*	

26 05 33 13-0711 Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapters

(26 05 33 13-0589)

26 05 33 13-0712	EA	1/2" To 3/8" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	11.94	4.31
		For Work In Restricted Working Space, Add	*3.19*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.06*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.12*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.66*	
		For Elevated Installation >25' To 30' Above Floor, Add	*3.72*	
		For Elevated Installation >30' To 35' Above Floor, Add	*4.25*	
		For Elevated Installation >35' To 40' Above Floor, Add	*5.31*	
		For Elevated Installation >40' Above Floor, Add	*5.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.19*	
26 05 33 13-0713	EA	1/2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	12.65	4.31
		For Work In Restricted Working Space, Add	*3.19*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.06*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.12*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.66*	
		For Elevated Installation >25' To 30' Above Floor, Add	*3.72*	
		For Elevated Installation >30' To 35' Above Floor, Add	*4.25*	
		For Elevated Installation >35' To 40' Above Floor, Add	*5.31*	
		For Elevated Installation >40' Above Floor, Add	*5.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.19*	
26 05 33 13-0714	EA	3/4" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	14.14	4.67
		For Work In Restricted Working Space, Add	*3.54*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.18*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.36*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.95*	
		For Elevated Installation >25' To 30' Above Floor, Add	*4.13*	
		For Elevated Installation >30' To 35' Above Floor, Add	*4.72*	
		For Elevated Installation >35' To 40' Above Floor, Add	*5.91*	
		For Elevated Installation >40' Above Floor, Add	*6.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.54*	
26 05 33 13-0715	EA	1" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	16.41	5.38
		For Work In Restricted Working Space, Add	*4.03*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.34*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.69*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.36*	
		For Elevated Installation >25' To 30' Above Floor, Add	*4.70*	
		For Elevated Installation >30' To 35' Above Floor, Add	*5.37*	
		For Elevated Installation >35' To 40' Above Floor, Add	*6.72*	
		For Elevated Installation >40' Above Floor, Add	*7.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.03*	
26 05 33 13-0716	EA	1-1/4" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	23.01	6.47
		For Work In Restricted Working Space, Add	*4.88*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.63*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.25*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.06*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.69*	
		For Elevated Installation >30' To 35' Above Floor, Add	*6.50*	
		For Elevated Installation >35' To 40' Above Floor, Add	*8.13*	
		For Elevated Installation >40' Above Floor, Add	*8.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0717	EA	1-1/2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	27.97	7.42
		For Work In Restricted Working Space, Add	*5.57*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.86*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.71*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.64*	
		For Elevated Installation >25' To 30' Above Floor, Add	*6.50*	
		For Elevated Installation >30' To 35' Above Floor, Add	*7.42*	
		For Elevated Installation >35' To 40' Above Floor, Add	*9.28*	
		For Elevated Installation >40' Above Floor, Add	*10.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.57*	
26 05 33 13-0718	EA	2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	36.34	9.33
		For Work In Restricted Working Space, Add	*6.96*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.32*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.64*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.80*	
		For Elevated Installation >25' To 30' Above Floor, Add	*8.12*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.28*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.61*	
		For Elevated Installation >40' Above Floor, Add	*12.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.96*	

26 05 33 13-0719 Electrical Metallic Tubing (EMT) Pulling Elbows *(26 05 33 13-0589)*

26 05 33 13-0720	EA	1/2" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	24.96	10.77
		For Work In Restricted Working Space, Add	*6.46*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.46*	
26 05 33 13-0721	EA	3/4" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	29.09	12.56
		For Work In Restricted Working Space, Add	*7.54*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.54*	
26 05 33 13-0722	EA	1" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	35.80	14.35
		For Work In Restricted Working Space, Add	*8.62*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.62*	
26 05 33 13-0723	EA	1-1/4" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	45.63	17.95
		For Work In Restricted Working Space, Add	*10.77*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.77*	

26 05 33 13-0724 Intermediate Metal Conduit (IMC) *(26 05 33 13-0059)*

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-0725 Intermediate Metal Conduit (IMC) Conduit *(26 05 33 13-0724)*

Note: Includes field bending conduit up to and including 1". See CSI section 26 05 33 13-1358 for field bending >1".

26 05 33 13-0726	LF	1/2" Intermediate Metal Conduit (IMC) Conduit	8.83	2.40
		For >500 To 1,000, Deduct	*-0.20*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.93*	
		For >1,000, Deduct	*-0.26*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.62*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.24*	
		For Elevated Installation >20' To 25' Above Floor, Add	*1.56*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.18*	
		For Elevated Installation >30' To 35' Above Floor, Add	*2.49*	
		For Elevated Installation >35' To 40' Above Floor, Add	*3.11*	
		For Elevated Installation >40' Above Floor, Add	*3.42*	
		For Work In Restricted Working Space, Add	*1.87*	
		For >250 To 500, Deduct	*-0.13*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.56*	
		For Installation In Metal Stud Wall, Add	*0.62*	
26 05 33 13-0727	LF	3/4" Intermediate Metal Conduit (IMC) Conduit	10.53	2.64
		For >500 To 1,000, Deduct	*-0.23*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.11*	
		For >1,000, Deduct	*-0.31*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.74*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.48*	
		For Elevated Installation >20' To 25' Above Floor, Add	*1.86*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.60*	
		For Elevated Installation >30' To 35' Above Floor, Add	*2.97*	
		For Elevated Installation >35' To 40' Above Floor, Add	*3.71*	
		For Elevated Installation >40' Above Floor, Add	*4.08*	
		For Work In Restricted Working Space, Add	*2.23*	
		For >250 To 500, Deduct	*-0.16*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.86*	
		For Installation In Metal Stud Wall, Add	*0.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0728	LF	1" Intermediate Metal Conduit (IMC) Conduit	14.14	2.87
		For >500 To 1,000, Deduct	*-0.36*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.40*	
		For >1,000, Deduct	*-0.48*	
		For Elevated Installation >10' To 15' Above Floor, Add	*0.93*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.87*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.33*	
		For Elevated Installation >25' To 30' Above Floor, Add	*3.27*	
		For Elevated Installation >30' To 35' Above Floor, Add	*3.73*	
		For Elevated Installation >35' To 40' Above Floor, Add	*4.67*	
		For Elevated Installation >40' Above Floor, Add	*5.13*	
		For Work In Restricted Working Space, Add	*2.80*	
		For >250 To 500, Deduct	*-0.24*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.33*	
		For Installation In Metal Stud Wall, Add	*0.93*	
26 05 33 13-0729	LF	1-1/4" Intermediate Metal Conduit (IMC) Conduit	16.38	5.74
		For >500 To 1,000, Deduct	*-0.46*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.54*	
		For >1,000, Deduct	*-0.61*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.03*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.06*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.57*	
		For Elevated Installation >25' To 30' Above Floor, Add	*3.60*	
		For Elevated Installation >30' To 35' Above Floor, Add	*4.12*	
		For Elevated Installation >35' To 40' Above Floor, Add	*5.15*	
		For Elevated Installation >40' Above Floor, Add	*5.66*	
		For Work In Restricted Working Space, Add	*3.09*	
		For >250 To 500, Deduct	*-0.30*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.57*	
		For Installation In Metal Stud Wall, Add	*1.03*	
26 05 33 13-0730	LF	1-1/2" Intermediate Metal Conduit (IMC) Conduit	18.44	3.83
		For >500 To 1,000, Deduct	*-0.54*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.69*	
		For >1,000, Deduct	*-0.72*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.13*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.25*	
		For Elevated Installation >20' To 25' Above Floor, Add	*2.81*	
		For Elevated Installation >25' To 30' Above Floor, Add	*3.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*4.50*	
		For Elevated Installation >35' To 40' Above Floor, Add	*5.63*	
		For Elevated Installation >40' Above Floor, Add	*6.19*	
		For Work In Restricted Working Space, Add	*3.38*	
		For >250 To 500, Deduct	*-0.36*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.81*	
		For Installation In Metal Stud Wall, Add	*1.13*	
26 05 33 13-0731	LF	2" Intermediate Metal Conduit (IMC) Conduit	23.39	4.31
		For >500 To 1,000, Deduct	*-0.73*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*2.05*	
		For >1,000, Deduct	*-0.98*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.36*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.73*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.41*	
		For Elevated Installation >25' To 30' Above Floor, Add	*4.77*	
		For Elevated Installation >30' To 35' Above Floor, Add	*5.46*	
		For Elevated Installation >35' To 40' Above Floor, Add	*6.82*	
		For Elevated Installation >40' Above Floor, Add	*7.50*	
		For Work In Restricted Working Space, Add	*4.09*	
		For >250 To 500, Deduct	*-0.49*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*3.41*	
		For Installation In Metal Stud Wall, Add	*1.36*	
26 05 33 13-0732	LF	2-1/2" Intermediate Metal Conduit (IMC) Conduit	39.68	5.74
		For >500 To 1,000, Deduct	*-1.62*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*2.71*	
		For >1,000, Deduct	*-2.16*	
		For Elevated Installation >10' To 15' Above Floor, Add	*1.81*	
		For Elevated Installation >15' To 20' Above Floor, Add	*3.61*	
		For Elevated Installation >20' To 25' Above Floor, Add	*4.52*	
		For Elevated Installation >25' To 30' Above Floor, Add	*6.32*	
		For Elevated Installation >30' To 35' Above Floor, Add	*7.23*	
		For Elevated Installation >35' To 40' Above Floor, Add	*9.04*	
		For Elevated Installation >40' Above Floor, Add	*9.94*	
		For Work In Restricted Working Space, Add	*5.42*	
		For >250 To 500, Deduct	*-1.08*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*4.52*	
		For Installation In Metal Stud Wall, Add	*1.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0733	LF	3" Intermediate Metal Conduit (IMC) Conduit	50.53	7.18
		For >500 To 1,000, Deduct	*-2.00*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*3.59*	
		For >1,000, Deduct	*-2.66*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.39*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.79*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.98*	
		For Elevated Installation >25' To 30' Above Floor, Add	*8.38*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.57*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.97*	
		For Elevated Installation >40' Above Floor, Add	*13.16*	
		For Work In Restricted Working Space, Add	*7.18*	
		For >250 To 500, Deduct	*-1.33*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*5.98*	
		For Installation In Metal Stud Wall, Add	*2.39*	
26 05 33 13-0734	LF	3-1/2" Intermediate Metal Conduit (IMC) Conduit	58.21	8.61
		For >500 To 1,000, Deduct	*-2.31*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*4.11*	
		For >1,000, Deduct	*-3.08*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.74*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.48*	
		For Elevated Installation >20' To 25' Above Floor, Add	*6.85*	
		For Elevated Installation >25' To 30' Above Floor, Add	*9.59*	
		For Elevated Installation >30' To 35' Above Floor, Add	*10.96*	
		For Elevated Installation >35' To 40' Above Floor, Add	*13.70*	
		For Elevated Installation >40' Above Floor, Add	*15.07*	
		For Work In Restricted Working Space, Add	*8.22*	
		For >250 To 500, Deduct	*-1.54*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*6.85*	
		For Installation In Metal Stud Wall, Add	*2.74*	
26 05 33 13-0735	LF	4" Intermediate Metal Conduit (IMC) Conduit	68.21	10.05
		For >500 To 1,000, Deduct	*-2.72*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*4.79*	
		For >1,000, Deduct	*-3.63*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.20*	
		For Elevated Installation >15' To 20' Above Floor, Add	*6.39*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.99*	
		For Elevated Installation >25' To 30' Above Floor, Add	*11.18*	
		For Elevated Installation >30' To 35' Above Floor, Add	*12.78*	
		For Elevated Installation >35' To 40' Above Floor, Add	*15.98*	
		For Elevated Installation >40' Above Floor, Add	*17.57*	
		For Work In Restricted Working Space, Add	*9.59*	
		For >250 To 500, Deduct	*-1.81*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*7.99*	
		For Installation In Metal Stud Wall, Add	*3.20*	

26 05 33 13-0736 Intermediate Metal Conduit (IMC) 90 Degree Elbows *(26 05 33 13-0724)*

See CSI section 26 05 33 13-1358 for conduit field bending.

26 05 33 13-0737	EA	1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	41.12	11.85
		For Elevated Installation >10' To 15' Above Floor, Add	*2.97*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.94*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.43*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.40*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.88*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.86*	
		For Elevated Installation >40' Above Floor, Add	*16.34*	
		For Work In Restricted Working Space, Add	*8.91*	
26 05 33 13-0738	EA	3/4" Intermediate Metal Conduit (IMC) 90 Degree Elbow	49.75	14.71
		For Elevated Installation >10' To 15' Above Floor, Add	*3.69*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.39*	
		For Elevated Installation >20' To 25' Above Floor, Add	*9.24*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.93*	
		For Elevated Installation >30' To 35' Above Floor, Add	*14.78*	
		For Elevated Installation >35' To 40' Above Floor, Add	*18.47*	
		For Elevated Installation >40' Above Floor, Add	*20.32*	
		For Work In Restricted Working Space, Add	*11.08*	
26 05 33 13-0739	EA	1" Intermediate Metal Conduit (IMC) 90 Degree Elbow	63.25	18.07
		For Elevated Installation >10' To 15' Above Floor, Add	*4.51*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.01*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.26*	
		For Elevated Installation >25' To 30' Above Floor, Add	*15.77*	
		For Elevated Installation >30' To 35' Above Floor, Add	*18.02*	
		For Elevated Installation >35' To 40' Above Floor, Add	*22.53*	
		For Elevated Installation >40' Above Floor, Add	*24.78*	
		For Work In Restricted Working Space, Add	*13.52*	
26 05 33 13-0740	EA	1-1/4" Intermediate Metal Conduit (IMC) 90 Degree Elbow	77.82	20.94
		For Elevated Installation >10' To 15' Above Floor, Add	*5.23*	
		For Elevated Installation >15' To 20' Above Floor, Add	*10.46*	
		For Elevated Installation >20' To 25' Above Floor, Add	*13.08*	
		For Elevated Installation >25' To 30' Above Floor, Add	*18.31*	
		For Elevated Installation >30' To 35' Above Floor, Add	*20.92*	
		For Elevated Installation >35' To 40' Above Floor, Add	*26.15*	
		For Elevated Installation >40' Above Floor, Add	*28.77*	
		For Work In Restricted Working Space, Add	*15.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0741	EA	1-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	92.31	24.05
		For Elevated Installation >10' To 15' Above Floor, Add	*6.00*	
		For Elevated Installation >15' To 20' Above Floor, Add	*12.01*	
		For Elevated Installation >20' To 25' Above Floor, Add	*15.01*	
		For Elevated Installation >25' To 30' Above Floor, Add	*21.01*	
		For Elevated Installation >30' To 35' Above Floor, Add	*24.01*	
		For Elevated Installation >35' To 40' Above Floor, Add	*30.02*	
		For Elevated Installation >40' Above Floor, Add	*33.02*	
		For Work In Restricted Working Space, Add	*18.01*	
26 05 33 13-0742	EA	2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	112.51	26.44
		For Elevated Installation >10' To 15' Above Floor, Add	*6.60*	
		For Elevated Installation >15' To 20' Above Floor, Add	*13.21*	
		For Elevated Installation >20' To 25' Above Floor, Add	*16.51*	
		For Elevated Installation >25' To 30' Above Floor, Add	*23.11*	
		For Elevated Installation >30' To 35' Above Floor, Add	*26.42*	
		For Elevated Installation >35' To 40' Above Floor, Add	*33.02*	
		For Elevated Installation >40' Above Floor, Add	*36.32*	
		For Work In Restricted Working Space, Add	*19.81*	
26 05 33 13-0743	EA	2-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	161.45	33.03
		For Elevated Installation >10' To 15' Above Floor, Add	*8.26*	
		For Elevated Installation >15' To 20' Above Floor, Add	*16.51*	
		For Elevated Installation >20' To 25' Above Floor, Add	*20.64*	
		For Elevated Installation >25' To 30' Above Floor, Add	*28.89*	
		For Elevated Installation >30' To 35' Above Floor, Add	*33.02*	
		For Elevated Installation >35' To 40' Above Floor, Add	*41.28*	
		For Elevated Installation >40' Above Floor, Add	*45.40*	
		For Work In Restricted Working Space, Add	*24.77*	
26 05 33 13-0744	EA	3" Intermediate Metal Conduit (IMC) 90 Degree Elbow	233.25	44.99
		For Elevated Installation >10' To 15' Above Floor, Add	*11.25*	
		For Elevated Installation >15' To 20' Above Floor, Add	*22.49*	
		For Elevated Installation >20' To 25' Above Floor, Add	*28.12*	
		For Elevated Installation >25' To 30' Above Floor, Add	*39.36*	
		For Elevated Installation >30' To 35' Above Floor, Add	*44.98*	
		For Elevated Installation >35' To 40' Above Floor, Add	*56.23*	
		For Elevated Installation >40' Above Floor, Add	*61.85*	
		For Work In Restricted Working Space, Add	*33.74*	
26 05 33 13-0745	EA	3-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	340.09	50.73
		For Elevated Installation >10' To 15' Above Floor, Add	*12.69*	
		For Elevated Installation >15' To 20' Above Floor, Add	*25.37*	
		For Elevated Installation >20' To 25' Above Floor, Add	*31.71*	
		For Elevated Installation >25' To 30' Above Floor, Add	*44.40*	
		For Elevated Installation >30' To 35' Above Floor, Add	*50.74*	
		For Elevated Installation >35' To 40' Above Floor, Add	*63.43*	
		For Elevated Installation >40' Above Floor, Add	*69.77*	
		For Work In Restricted Working Space, Add	*38.06*	
26 05 33 13-0746	EA	4" Intermediate Metal Conduit (IMC) 90 Degree Elbow	412.45	66.05
		For Elevated Installation >10' To 15' Above Floor, Add	*16.51*	
		For Elevated Installation >15' To 20' Above Floor, Add	*33.02*	
		For Elevated Installation >20' To 25' Above Floor, Add	*41.27*	
		For Elevated Installation >25' To 30' Above Floor, Add	*57.78*	
		For Elevated Installation >30' To 35' Above Floor, Add	*66.04*	
		For Elevated Installation >35' To 40' Above Floor, Add	*82.55*	
		For Elevated Installation >40' Above Floor, Add	*90.80*	
		For Work In Restricted Working Space, Add	*49.53*	

26 05 33 13-0747 Intermediate Metal Conduit (IMC) Bushing Sets With Locknut *(26 05 33 13-0724)*

26 05 33 13-0748	EA	1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	16.35	6.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.67*	
26 05 33 13-0749	EA	3/4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	19.29	0.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.38*	
26 05 33 13-0750	EA	1" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	24.98	9.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.82*	
26 05 33 13-0751	EA	1-1/4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	30.52	11.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.26*	
26 05 33 13-0752	EA	1-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	34.19	11.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.97*	
26 05 33 13-0753	EA	2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	44.15	14.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.13*	
26 05 33 13-0754	EA	2-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	81.83	23.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.95*	
26 05 33 13-0755	EA	3" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	100.93	32.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.41*	
26 05 33 13-0756	EA	3-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	132.28	38.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.08*	
26 05 33 13-0757	EA	4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	156.20	44.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.74*	

26 05 33 13-0758 Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fittings *(26 05 33 13-0724)*

Note: 3-Piece coupling.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0759	EA	1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	54.04	19.14
		For Elevated Installation >10' To 15' Above Floor, Add	*4.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.58*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.98*	
		For Elevated Installation >25' To 30' Above Floor, Add	*16.77*	
		For Elevated Installation >30' To 35' Above Floor, Add	*19.17*	
		For Elevated Installation >35' To 40' Above Floor, Add	*23.96*	
		For Elevated Installation >40' Above Floor, Add	*26.36*	
		For Work In Restricted Working Space, Add	*14.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.38*	
26 05 33 13-0760	EA	3/4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	61.36	21.42
		For Elevated Installation >10' To 15' Above Floor, Add	*5.35*	
		For Elevated Installation >15' To 20' Above Floor, Add	*10.70*	
		For Elevated Installation >20' To 25' Above Floor, Add	*13.37*	
		For Elevated Installation >25' To 30' Above Floor, Add	*18.72*	
		For Elevated Installation >30' To 35' Above Floor, Add	*21.39*	
		For Elevated Installation >35' To 40' Above Floor, Add	*26.74*	
		For Elevated Installation >40' Above Floor, Add	*29.41*	
		For Work In Restricted Working Space, Add	*16.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.04*	
26 05 33 13-0761	EA	1" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	74.77	23.81
		For Elevated Installation >10' To 15' Above Floor, Add	*5.96*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.91*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.89*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.85*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.83*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.79*	
		For Elevated Installation >40' Above Floor, Add	*32.76*	
		For Work In Restricted Working Space, Add	*17.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.87*	
26 05 33 13-0762	EA	1-1/4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	93.15	26.08
		For Elevated Installation >10' To 15' Above Floor, Add	*6.52*	
		For Elevated Installation >15' To 20' Above Floor, Add	*13.04*	
		For Elevated Installation >20' To 25' Above Floor, Add	*16.30*	
		For Elevated Installation >25' To 30' Above Floor, Add	*22.82*	
		For Elevated Installation >30' To 35' Above Floor, Add	*26.08*	
		For Elevated Installation >35' To 40' Above Floor, Add	*32.60*	
		For Elevated Installation >40' Above Floor, Add	*35.85*	
		For Work In Restricted Working Space, Add	*19.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.56*	
26 05 33 13-0763	EA	1-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	106.42	28.48
		For Elevated Installation >10' To 15' Above Floor, Add	*7.13*	
		For Elevated Installation >15' To 20' Above Floor, Add	*14.26*	
		For Elevated Installation >20' To 25' Above Floor, Add	*17.83*	
		For Elevated Installation >25' To 30' Above Floor, Add	*24.96*	
		For Elevated Installation >30' To 35' Above Floor, Add	*28.53*	
		For Elevated Installation >35' To 40' Above Floor, Add	*35.66*	
		For Elevated Installation >40' Above Floor, Add	*39.23*	
		For Work In Restricted Working Space, Add	*21.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.40*	
26 05 33 13-0764	EA	2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	147.43	30.87
		For Elevated Installation >10' To 15' Above Floor, Add	*7.72*	
		For Elevated Installation >15' To 20' Above Floor, Add	*15.45*	
		For Elevated Installation >20' To 25' Above Floor, Add	*19.31*	
		For Elevated Installation >25' To 30' Above Floor, Add	*27.03*	
		For Elevated Installation >30' To 35' Above Floor, Add	*30.90*	
		For Elevated Installation >35' To 40' Above Floor, Add	*38.62*	
		For Elevated Installation >40' Above Floor, Add	*42.48*	
		For Work In Restricted Working Space, Add	*23.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.17*	
26 05 33 13-0765	EA	2-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	245.86	38.29
		For Elevated Installation >10' To 15' Above Floor, Add	*9.57*	
		For Elevated Installation >15' To 20' Above Floor, Add	*19.14*	
		For Elevated Installation >20' To 25' Above Floor, Add	*23.93*	
		For Elevated Installation >25' To 30' Above Floor, Add	*33.50*	
		For Elevated Installation >30' To 35' Above Floor, Add	*38.29*	
		For Elevated Installation >35' To 40' Above Floor, Add	*47.86*	
		For Elevated Installation >40' Above Floor, Add	*52.65*	
		For Work In Restricted Working Space, Add	*28.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.72*	
26 05 33 13-0766	EA	3" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	348.61	47.86
		For Elevated Installation >10' To 15' Above Floor, Add	*11.97*	
		For Elevated Installation >15' To 20' Above Floor, Add	*23.93*	
		For Elevated Installation >20' To 25' Above Floor, Add	*29.91*	
		For Elevated Installation >25' To 30' Above Floor, Add	*41.88*	
		For Elevated Installation >30' To 35' Above Floor, Add	*47.86*	
		For Elevated Installation >35' To 40' Above Floor, Add	*59.83*	
		For Elevated Installation >40' Above Floor, Add	*65.81*	
		For Work In Restricted Working Space, Add	*35.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0767	EA	3-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	511.47	57.44
		For Elevated Installation >10' To 15' Above Floor, Add	*14.36*	
		For Elevated Installation >15' To 20' Above Floor, Add	*28.73*	
		For Elevated Installation >20' To 25' Above Floor, Add	*35.91*	
		For Elevated Installation >25' To 30' Above Floor, Add	*50.27*	
		For Elevated Installation >30' To 35' Above Floor, Add	*57.45*	
		For Elevated Installation >35' To 40' Above Floor, Add	*71.82*	
		For Elevated Installation >40' Above Floor, Add	*79.00*	
		For Work In Restricted Working Space, Add	*43.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.09*	
26 05 33 13-0768	EA	4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	590.95	62.22
		For Elevated Installation >10' To 15' Above Floor, Add	*15.55*	
		For Elevated Installation >15' To 20' Above Floor, Add	*31.11*	
		For Elevated Installation >20' To 25' Above Floor, Add	*38.89*	
		For Elevated Installation >25' To 30' Above Floor, Add	*54.44*	
		For Elevated Installation >30' To 35' Above Floor, Add	*62.22*	
		For Elevated Installation >35' To 40' Above Floor, Add	*77.77*	
		For Elevated Installation >40' Above Floor, Add	*85.55*	
		For Work In Restricted Working Space, Add	*46.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.66*	
26 05 33 13-0769		**Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connectors** *(26 05 33 13-0724)*		
26 05 33 13-0770	EA	1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	30.59	9.57
		For Elevated Installation >10' To 15' Above Floor, Add	*2.39*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.79*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.98*	
		For Elevated Installation >25' To 30' Above Floor, Add	*8.38*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.57*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.97*	
		For Elevated Installation >40' Above Floor, Add	*13.16*	
		For Work In Restricted Working Space, Add	*7.18*	
26 05 33 13-0771	EA	3/4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	34.20	10.52
		For Elevated Installation >10' To 15' Above Floor, Add	*2.63*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.26*	
		For Elevated Installation >20' To 25' Above Floor, Add	*6.58*	
		For Elevated Installation >25' To 30' Above Floor, Add	*9.21*	
		For Elevated Installation >30' To 35' Above Floor, Add	*10.53*	
		For Elevated Installation >35' To 40' Above Floor, Add	*13.16*	
		For Elevated Installation >40' Above Floor, Add	*14.48*	
		For Work In Restricted Working Space, Add	*7.90*	
26 05 33 13-0772	EA	1" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	39.30	11.97
		For Elevated Installation >10' To 15' Above Floor, Add	*2.99*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.48*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.47*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.97*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.96*	
		For Elevated Installation >40' Above Floor, Add	*16.46*	
		For Work In Restricted Working Space, Add	*8.98*	
26 05 33 13-0773	EA	1-1/4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	44.70	12.92
		For Elevated Installation >10' To 15' Above Floor, Add	*3.23*	
		For Elevated Installation >15' To 20' Above Floor, Add	*6.46*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.08*	
		For Elevated Installation >25' To 30' Above Floor, Add	*11.31*	
		For Elevated Installation >30' To 35' Above Floor, Add	*12.92*	
		For Elevated Installation >35' To 40' Above Floor, Add	*16.16*	
		For Elevated Installation >40' Above Floor, Add	*17.77*	
		For Work In Restricted Working Space, Add	*9.69*	
26 05 33 13-0774	EA	1-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	53.16	14.35
		For Elevated Installation >10' To 15' Above Floor, Add	*3.59*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.18*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.56*	
		For Elevated Installation >30' To 35' Above Floor, Add	*14.36*	
		For Elevated Installation >35' To 40' Above Floor, Add	*17.95*	
		For Elevated Installation >40' Above Floor, Add	*19.74*	
		For Work In Restricted Working Space, Add	*10.77*	
26 05 33 13-0775	EA	2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	65.01	15.80
		For Elevated Installation >10' To 15' Above Floor, Add	*3.95*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.90*	
		For Elevated Installation >20' To 25' Above Floor, Add	*9.87*	
		For Elevated Installation >25' To 30' Above Floor, Add	*13.82*	
		For Elevated Installation >30' To 35' Above Floor, Add	*15.80*	
		For Elevated Installation >35' To 40' Above Floor, Add	*19.75*	
		For Elevated Installation >40' Above Floor, Add	*21.72*	
		For Work In Restricted Working Space, Add	*11.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0776	EA	2-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	88.77	19.14
		For Elevated Installation >10' To 15' Above Floor, Add	*4.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.57*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*16.75*	
		For Elevated Installation >30' To 35' Above Floor, Add	*19.14*	
		For Elevated Installation >35' To 40' Above Floor, Add	*23.93*	
		For Elevated Installation >40' Above Floor, Add	*26.32*	
		For Work In Restricted Working Space, Add	*14.36*	
26 05 33 13-0777	EA	3" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	109.75	23.93
		For Elevated Installation >10' To 15' Above Floor, Add	*5.98*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.97*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.96*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.93*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.92*	
		For Elevated Installation >40' Above Floor, Add	*32.91*	
		For Work In Restricted Working Space, Add	*17.95*	
26 05 33 13-0778	EA	3-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	131.85	28.72
		For Elevated Installation >10' To 15' Above Floor, Add	*7.18*	
		For Elevated Installation >15' To 20' Above Floor, Add	*14.36*	
		For Elevated Installation >20' To 25' Above Floor, Add	*17.95*	
		For Elevated Installation >25' To 30' Above Floor, Add	*25.13*	
		For Elevated Installation >30' To 35' Above Floor, Add	*28.72*	
		For Elevated Installation >35' To 40' Above Floor, Add	*35.90*	
		For Elevated Installation >40' Above Floor, Add	*39.48*	
		For Work In Restricted Working Space, Add	*21.54*	
26 05 33 13-0779	EA	4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	149.09	31.11
		For Elevated Installation >10' To 15' Above Floor, Add	*7.78*	
		For Elevated Installation >15' To 20' Above Floor, Add	*15.55*	
		For Elevated Installation >20' To 25' Above Floor, Add	*19.44*	
		For Elevated Installation >25' To 30' Above Floor, Add	*27.22*	
		For Elevated Installation >30' To 35' Above Floor, Add	*31.11*	
		For Elevated Installation >35' To 40' Above Floor, Add	*38.89*	
		For Elevated Installation >40' Above Floor, Add	*42.77*	
		For Work In Restricted Working Space, Add	*23.33*	

26 05 33 13-0780 Intermediate Metal Conduit (IMC) Rain Tight Threaded Hubs *(26 05 33 13-0724)*

26 05 33 13-0781	EA	1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	26.72	9.57
		For Elevated Installation >10' To 15' Above Floor, Add	*2.39*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.79*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.99*	
		For Elevated Installation >25' To 30' Above Floor, Add	*8.38*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.58*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.97*	
		For Elevated Installation >40' Above Floor, Add	*13.17*	
		For Work In Restricted Working Space, Add	*7.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.18*	
26 05 33 13-0782	EA	3/4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	34.08	11.97
		For Elevated Installation >10' To 15' Above Floor, Add	*2.99*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.48*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.47*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.96*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.96*	
		For Elevated Installation >40' Above Floor, Add	*16.45*	
		For Work In Restricted Working Space, Add	*8.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.97*	
26 05 33 13-0783	EA	1" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	42.05	14.35
		For Elevated Installation >10' To 15' Above Floor, Add	*3.59*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.18*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.56*	
		For Elevated Installation >30' To 35' Above Floor, Add	*14.36*	
		For Elevated Installation >35' To 40' Above Floor, Add	*17.95*	
		For Elevated Installation >40' Above Floor, Add	*19.74*	
		For Work In Restricted Working Space, Add	*10.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.77*	
26 05 33 13-0784	EA	1-1/4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	50.59	16.75
		For Elevated Installation >10' To 15' Above Floor, Add	*4.19*	
		For Elevated Installation >15' To 20' Above Floor, Add	*8.38*	
		For Elevated Installation >20' To 25' Above Floor, Add	*10.47*	
		For Elevated Installation >25' To 30' Above Floor, Add	*14.66*	
		For Elevated Installation >30' To 35' Above Floor, Add	*16.75*	
		For Elevated Installation >35' To 40' Above Floor, Add	*20.94*	
		For Elevated Installation >40' Above Floor, Add	*23.03*	
		For Work In Restricted Working Space, Add	*12.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0785	EA	1-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	59.07	19.14
		For Elevated Installation >10' To 15' Above Floor, Add	*4.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.57*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.96*	
		For Elevated Installation >25' To 30' Above Floor, Add	*16.75*	
		For Elevated Installation >30' To 35' Above Floor, Add	*19.14*	
		For Elevated Installation >35' To 40' Above Floor, Add	*23.93*	
		For Elevated Installation >40' Above Floor, Add	*26.32*	
		For Work In Restricted Working Space, Add	*14.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.36*	
26 05 33 13-0786	EA	2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	70.06	21.54
		For Elevated Installation >10' To 15' Above Floor, Add	*5.38*	
		For Elevated Installation >15' To 20' Above Floor, Add	*10.77*	
		For Elevated Installation >20' To 25' Above Floor, Add	*13.46*	
		For Elevated Installation >25' To 30' Above Floor, Add	*18.84*	
		For Elevated Installation >30' To 35' Above Floor, Add	*21.54*	
		For Elevated Installation >35' To 40' Above Floor, Add	*26.92*	
		For Elevated Installation >40' Above Floor, Add	*29.61*	
		For Work In Restricted Working Space, Add	*16.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.15*	
26 05 33 13-0787	EA	2-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	87.01	23.93
		For Elevated Installation >10' To 15' Above Floor, Add	*5.98*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.97*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.96*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.93*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.92*	
		For Elevated Installation >40' Above Floor, Add	*32.91*	
		For Work In Restricted Working Space, Add	*17.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.95*	
26 05 33 13-0788	EA	3" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	102.40	26.32
		For Elevated Installation >10' To 15' Above Floor, Add	*6.58*	
		For Elevated Installation >15' To 20' Above Floor, Add	*13.16*	
		For Elevated Installation >20' To 25' Above Floor, Add	*16.45*	
		For Elevated Installation >25' To 30' Above Floor, Add	*23.03*	
		For Elevated Installation >30' To 35' Above Floor, Add	*26.32*	
		For Elevated Installation >35' To 40' Above Floor, Add	*32.90*	
		For Elevated Installation >40' Above Floor, Add	*36.19*	
		For Work In Restricted Working Space, Add	*19.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.74*	
26 05 33 13-0789	EA	3-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	125.21	31.11
		For Elevated Installation >10' To 15' Above Floor, Add	*7.78*	
		For Elevated Installation >15' To 20' Above Floor, Add	*15.55*	
		For Elevated Installation >20' To 25' Above Floor, Add	*19.44*	
		For Elevated Installation >25' To 30' Above Floor, Add	*27.22*	
		For Elevated Installation >30' To 35' Above Floor, Add	*31.11*	
		For Elevated Installation >35' To 40' Above Floor, Add	*38.89*	
		For Elevated Installation >40' Above Floor, Add	*42.77*	
		For Work In Restricted Working Space, Add	*23.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.33*	
26 05 33 13-0790	EA	4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	143.62	33.50
		For Elevated Installation >10' To 15' Above Floor, Add	*8.38*	
		For Elevated Installation >15' To 20' Above Floor, Add	*16.75*	
		For Elevated Installation >20' To 25' Above Floor, Add	*20.94*	
		For Elevated Installation >25' To 30' Above Floor, Add	*29.31*	
		For Elevated Installation >30' To 35' Above Floor, Add	*33.50*	
		For Elevated Installation >35' To 40' Above Floor, Add	*41.88*	
		For Elevated Installation >40' Above Floor, Add	*46.06*	
		For Work In Restricted Working Space, Add	*25.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.13*	

26 05 33 13-0791 Intermediate Metal Conduit (IMC) Expansion Fittings *(26 05 33 13-0724)*

26 05 33 13-0792	EA	1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	167.98	19.14
		For Elevated Installation >10' To 15' Above Floor, Add	*4.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.57*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*16.75*	
		For Elevated Installation >30' To 35' Above Floor, Add	*19.15*	
		For Elevated Installation >35' To 40' Above Floor, Add	*23.94*	
		For Elevated Installation >40' Above Floor, Add	*26.33*	
		For Work In Restricted Working Space, Add	*14.36*	
26 05 33 13-0793	EA	3/4" Intermediate Metal Conduit (IMC) Expansion Fitting	185.96	21.54
		For Elevated Installation >10' To 15' Above Floor, Add	*5.38*	
		For Elevated Installation >15' To 20' Above Floor, Add	*10.77*	
		For Elevated Installation >20' To 25' Above Floor, Add	*13.46*	
		For Elevated Installation >25' To 30' Above Floor, Add	*18.84*	
		For Elevated Installation >30' To 35' Above Floor, Add	*21.54*	
		For Elevated Installation >35' To 40' Above Floor, Add	*26.92*	
		For Elevated Installation >40' Above Floor, Add	*29.61*	
		For Work In Restricted Working Space, Add	*16.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0794	EA	1" Intermediate Metal Conduit (IMC) Expansion Fitting	206.67	23.93
		For Elevated Installation >10' To 15' Above Floor, Add	*5.98*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.97*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.96*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.93*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.92*	
		For Elevated Installation >40' Above Floor, Add	*32.91*	
		For Work In Restricted Working Space, Add	*17.95*	
26 05 33 13-0795	EA	1-1/4" Intermediate Metal Conduit (IMC) Expansion Fitting	248.98	26.32
		For Elevated Installation >10' To 15' Above Floor, Add	*6.58*	
		For Elevated Installation >15' To 20' Above Floor, Add	*13.16*	
		For Elevated Installation >20' To 25' Above Floor, Add	*16.45*	
		For Elevated Installation >25' To 30' Above Floor, Add	*23.03*	
		For Elevated Installation >30' To 35' Above Floor, Add	*26.32*	
		For Elevated Installation >35' To 40' Above Floor, Add	*32.91*	
		For Elevated Installation >40' Above Floor, Add	*36.20*	
		For Work In Restricted Working Space, Add	*19.74*	
26 05 33 13-0796	EA	1-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	304.13	28.72
		For Elevated Installation >10' To 15' Above Floor, Add	*7.18*	
		For Elevated Installation >15' To 20' Above Floor, Add	*14.36*	
		For Elevated Installation >20' To 25' Above Floor, Add	*17.95*	
		For Elevated Installation >25' To 30' Above Floor, Add	*25.13*	
		For Elevated Installation >30' To 35' Above Floor, Add	*28.72*	
		For Elevated Installation >35' To 40' Above Floor, Add	*35.90*	
		For Elevated Installation >40' Above Floor, Add	*39.48*	
		For Work In Restricted Working Space, Add	*21.54*	
26 05 33 13-0797	EA	2" Intermediate Metal Conduit (IMC) Expansion Fitting	398.16	31.11
		For Elevated Installation >10' To 15' Above Floor, Add	*7.78*	
		For Elevated Installation >15' To 20' Above Floor, Add	*15.55*	
		For Elevated Installation >20' To 25' Above Floor, Add	*19.44*	
		For Elevated Installation >25' To 30' Above Floor, Add	*27.22*	
		For Elevated Installation >30' To 35' Above Floor, Add	*31.10*	
		For Elevated Installation >35' To 40' Above Floor, Add	*38.88*	
		For Elevated Installation >40' Above Floor, Add	*42.77*	
		For Work In Restricted Working Space, Add	*23.33*	
26 05 33 13-0798	EA	2-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	598.99	38.29
		For Elevated Installation >10' To 15' Above Floor, Add	*9.57*	
		For Elevated Installation >15' To 20' Above Floor, Add	*19.14*	
		For Elevated Installation >20' To 25' Above Floor, Add	*23.93*	
		For Elevated Installation >25' To 30' Above Floor, Add	*33.50*	
		For Elevated Installation >30' To 35' Above Floor, Add	*38.29*	
		For Elevated Installation >35' To 40' Above Floor, Add	*47.86*	
		For Elevated Installation >40' Above Floor, Add	*52.65*	
		For Work In Restricted Working Space, Add	*28.72*	
26 05 33 13-0799	EA	3" Intermediate Metal Conduit (IMC) Expansion Fitting	720.59	47.86
		For Elevated Installation >10' To 15' Above Floor, Add	*11.97*	
		For Elevated Installation >15' To 20' Above Floor, Add	*23.93*	
		For Elevated Installation >20' To 25' Above Floor, Add	*29.91*	
		For Elevated Installation >25' To 30' Above Floor, Add	*41.88*	
		For Elevated Installation >30' To 35' Above Floor, Add	*47.86*	
		For Elevated Installation >35' To 40' Above Floor, Add	*59.83*	
		For Elevated Installation >40' Above Floor, Add	*65.81*	
		For Work In Restricted Working Space, Add	*35.90*	
26 05 33 13-0800	EA	3-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	1,002.11	57.44
		For Elevated Installation >10' To 15' Above Floor, Add	*14.36*	
		For Elevated Installation >15' To 20' Above Floor, Add	*28.72*	
		For Elevated Installation >20' To 25' Above Floor, Add	*35.90*	
		For Elevated Installation >25' To 30' Above Floor, Add	*50.26*	
		For Elevated Installation >30' To 35' Above Floor, Add	*57.44*	
		For Elevated Installation >35' To 40' Above Floor, Add	*71.80*	
		For Elevated Installation >40' Above Floor, Add	*78.98*	
		For Work In Restricted Working Space, Add	*43.08*	
26 05 33 13-0801	EA	4" Intermediate Metal Conduit (IMC) Expansion Fitting	1,157.88	62.22
		For Elevated Installation >10' To 15' Above Floor, Add	*15.55*	
		For Elevated Installation >15' To 20' Above Floor, Add	*31.11*	
		For Elevated Installation >20' To 25' Above Floor, Add	*38.89*	
		For Elevated Installation >25' To 30' Above Floor, Add	*54.44*	
		For Elevated Installation >30' To 35' Above Floor, Add	*62.22*	
		For Elevated Installation >35' To 40' Above Floor, Add	*77.77*	
		For Elevated Installation >40' Above Floor, Add	*85.55*	
		For Work In Restricted Working Space, Add	*46.66*	

26 05 33 13-0802 Intermediate Metal Conduit (IMC) Sealing Fittings, Vertical/Horizontal *(26 05 33 13-0724)*

26 05 33 13-0803	EA	1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	106.05	29.91
		For Elevated Installation >10' To 15' Above Floor, Add	*5.98*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.97*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.96*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.93*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.92*	
		For Elevated Installation >40' Above Floor, Add	*32.91*	
		For Work In Restricted Working Space, Add	*17.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0804	EA	3/4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	126.07	35.89
		For Elevated Installation >10' To 15' Above Floor, Add	*7.18*	
		For Elevated Installation >15' To 20' Above Floor, Add	*14.36*	
		For Elevated Installation >20' To 25' Above Floor, Add	*17.95*	
		For Elevated Installation >25' To 30' Above Floor, Add	*25.13*	
		For Elevated Installation >30' To 35' Above Floor, Add	*28.72*	
		For Elevated Installation >35' To 40' Above Floor, Add	*35.90*	
		For Elevated Installation >40' Above Floor, Add	*39.48*	
		For Work In Restricted Working Space, Add	*21.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.54*	
26 05 33 13-0805	EA	1" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	153.52	41.88
		For Elevated Installation >10' To 15' Above Floor, Add	*8.38*	
		For Elevated Installation >15' To 20' Above Floor, Add	*16.75*	
		For Elevated Installation >20' To 25' Above Floor, Add	*20.94*	
		For Elevated Installation >25' To 30' Above Floor, Add	*29.32*	
		For Elevated Installation >30' To 35' Above Floor, Add	*33.50*	
		For Elevated Installation >35' To 40' Above Floor, Add	*41.88*	
		For Elevated Installation >40' Above Floor, Add	*46.07*	
		For Work In Restricted Working Space, Add	*25.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.13*	
26 05 33 13-0806	EA	1-1/4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	180.44	47.86
		For Elevated Installation >10' To 15' Above Floor, Add	*9.57*	
		For Elevated Installation >15' To 20' Above Floor, Add	*19.14*	
		For Elevated Installation >20' To 25' Above Floor, Add	*23.93*	
		For Elevated Installation >25' To 30' Above Floor, Add	*33.50*	
		For Elevated Installation >30' To 35' Above Floor, Add	*38.29*	
		For Elevated Installation >35' To 40' Above Floor, Add	*47.86*	
		For Elevated Installation >40' Above Floor, Add	*52.65*	
		For Work In Restricted Working Space, Add	*28.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.72*	
26 05 33 13-0807	EA	1-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	235.23	53.85
		For Elevated Installation >10' To 15' Above Floor, Add	*10.77*	
		For Elevated Installation >15' To 20' Above Floor, Add	*21.54*	
		For Elevated Installation >20' To 25' Above Floor, Add	*26.92*	
		For Elevated Installation >25' To 30' Above Floor, Add	*37.69*	
		For Elevated Installation >30' To 35' Above Floor, Add	*43.07*	
		For Elevated Installation >35' To 40' Above Floor, Add	*53.84*	
		For Elevated Installation >40' Above Floor, Add	*59.22*	
		For Work In Restricted Working Space, Add	*32.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.30*	
26 05 33 13-0808	EA	2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	284.90	59.83
		For Elevated Installation >10' To 15' Above Floor, Add	*11.97*	
		For Elevated Installation >15' To 20' Above Floor, Add	*23.93*	
		For Elevated Installation >20' To 25' Above Floor, Add	*29.91*	
		For Elevated Installation >25' To 30' Above Floor, Add	*41.88*	
		For Elevated Installation >30' To 35' Above Floor, Add	*47.86*	
		For Elevated Installation >35' To 40' Above Floor, Add	*59.83*	
		For Elevated Installation >40' Above Floor, Add	*65.81*	
		For Work In Restricted Working Space, Add	*35.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.90*	
26 05 33 13-0809	EA	2-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	400.34	71.79
		For Elevated Installation >10' To 15' Above Floor, Add	*14.36*	
		For Elevated Installation >15' To 20' Above Floor, Add	*28.72*	
		For Elevated Installation >20' To 25' Above Floor, Add	*35.90*	
		For Elevated Installation >25' To 30' Above Floor, Add	*50.26*	
		For Elevated Installation >30' To 35' Above Floor, Add	*57.44*	
		For Elevated Installation >35' To 40' Above Floor, Add	*71.80*	
		For Elevated Installation >40' Above Floor, Add	*78.97*	
		For Work In Restricted Working Space, Add	*43.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.08*	
26 05 33 13-0810	EA	3" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	481.14	83.76
		For Elevated Installation >10' To 15' Above Floor, Add	*16.75*	
		For Elevated Installation >15' To 20' Above Floor, Add	*33.50*	
		For Elevated Installation >20' To 25' Above Floor, Add	*41.88*	
		For Elevated Installation >25' To 30' Above Floor, Add	*58.63*	
		For Elevated Installation >30' To 35' Above Floor, Add	*67.00*	
		For Elevated Installation >35' To 40' Above Floor, Add	*83.76*	
		For Elevated Installation >40' Above Floor, Add	*92.13*	
		For Work In Restricted Working Space, Add	*50.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.25*	
26 05 33 13-0811	EA	3-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	1,095.98	95.72
		For Elevated Installation >10' To 15' Above Floor, Add	*19.14*	
		For Elevated Installation >15' To 20' Above Floor, Add	*38.29*	
		For Elevated Installation >20' To 25' Above Floor, Add	*47.86*	
		For Elevated Installation >25' To 30' Above Floor, Add	*67.00*	
		For Elevated Installation >30' To 35' Above Floor, Add	*76.58*	
		For Elevated Installation >35' To 40' Above Floor, Add	*95.72*	
		For Elevated Installation >40' Above Floor, Add	*105.29*	
		For Work In Restricted Working Space, Add	*57.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0812	EA	4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	1,262.25	107.68
		For Elevated Installation >10' To 15' Above Floor, Add	*21.54*	
		For Elevated Installation >15' To 20' Above Floor, Add	*43.08*	
		For Elevated Installation >20' To 25' Above Floor, Add	*53.85*	
		For Elevated Installation >25' To 30' Above Floor, Add	*75.38*	
		For Elevated Installation >30' To 35' Above Floor, Add	*86.15*	
		For Elevated Installation >35' To 40' Above Floor, Add	*107.69*	
		For Elevated Installation >40' Above Floor, Add	*118.46*	
		For Work In Restricted Working Space, Add	*64.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.61*	
26 05 33 13-0813		**Intermediate Metal Conduit (IMC) Threaded Couplings** *(26 05 33 13-0724)*		
26 05 33 13-0814	EA	1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	15.93	5.74
		For Elevated Installation >10' To 15' Above Floor, Add	*1.44*	
		For Elevated Installation >15' To 20' Above Floor, Add	*2.87*	
		For Elevated Installation >20' To 25' Above Floor, Add	*3.59*	
		For Elevated Installation >25' To 30' Above Floor, Add	*5.02*	
		For Elevated Installation >30' To 35' Above Floor, Add	*5.74*	
		For Elevated Installation >35' To 40' Above Floor, Add	*7.18*	
		For Elevated Installation >40' Above Floor, Add	*7.89*	
		For Work In Restricted Working Space, Add	*4.31*	
26 05 33 13-0815	EA	3/4" Intermediate Metal Conduit (IMC) Threaded Coupling	22.26	8.14
		For Elevated Installation >10' To 15' Above Floor, Add	*2.04*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.07*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.09*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.12*	
		For Elevated Installation >30' To 35' Above Floor, Add	*8.14*	
		For Elevated Installation >35' To 40' Above Floor, Add	*10.18*	
		For Elevated Installation >40' Above Floor, Add	*11.19*	
		For Work In Restricted Working Space, Add	*6.11*	
26 05 33 13-0816	EA	1" Intermediate Metal Conduit (IMC) Threaded Coupling	29.15	10.52
		For Elevated Installation >10' To 15' Above Floor, Add	*2.63*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.26*	
		For Elevated Installation >20' To 25' Above Floor, Add	*6.58*	
		For Elevated Installation >25' To 30' Above Floor, Add	*9.21*	
		For Elevated Installation >30' To 35' Above Floor, Add	*10.52*	
		For Elevated Installation >35' To 40' Above Floor, Add	*13.15*	
		For Elevated Installation >40' Above Floor, Add	*14.47*	
		For Work In Restricted Working Space, Add	*7.89*	
26 05 33 13-0817	EA	1-1/4" Intermediate Metal Conduit (IMC) Threaded Coupling	33.49	11.97
		For Elevated Installation >10' To 15' Above Floor, Add	*2.99*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.48*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.47*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.97*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.96*	
		For Elevated Installation >40' Above Floor, Add	*16.46*	
		For Work In Restricted Working Space, Add	*8.98*	
26 05 33 13-0818	EA	1-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	40.37	14.35
		For Elevated Installation >10' To 15' Above Floor, Add	*3.59*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.17*	
		For Elevated Installation >20' To 25' Above Floor, Add	*8.97*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.55*	
		For Elevated Installation >30' To 35' Above Floor, Add	*14.35*	
		For Elevated Installation >35' To 40' Above Floor, Add	*17.94*	
		For Elevated Installation >40' Above Floor, Add	*19.73*	
		For Work In Restricted Working Space, Add	*10.76*	
26 05 33 13-0819	EA	2" Intermediate Metal Conduit (IMC) Threaded Coupling	46.63	16.27
		For Elevated Installation >10' To 15' Above Floor, Add	*4.07*	
		For Elevated Installation >15' To 20' Above Floor, Add	*8.14*	
		For Elevated Installation >20' To 25' Above Floor, Add	*10.18*	
		For Elevated Installation >25' To 30' Above Floor, Add	*14.25*	
		For Elevated Installation >30' To 35' Above Floor, Add	*16.28*	
		For Elevated Installation >35' To 40' Above Floor, Add	*20.35*	
		For Elevated Installation >40' Above Floor, Add	*22.39*	
		For Work In Restricted Working Space, Add	*12.21*	
26 05 33 13-0820	EA	2-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	58.60	18.18
		For Elevated Installation >10' To 15' Above Floor, Add	*4.55*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.09*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.37*	
		For Elevated Installation >25' To 30' Above Floor, Add	*15.91*	
		For Elevated Installation >30' To 35' Above Floor, Add	*18.18*	
		For Elevated Installation >35' To 40' Above Floor, Add	*22.73*	
		For Elevated Installation >40' Above Floor, Add	*25.00*	
		For Work In Restricted Working Space, Add	*13.64*	
26 05 33 13-0821	EA	3" Intermediate Metal Conduit (IMC) Threaded Coupling	69.40	20.58
		For Elevated Installation >10' To 15' Above Floor, Add	*5.15*	
		For Elevated Installation >15' To 20' Above Floor, Add	*10.29*	
		For Elevated Installation >20' To 25' Above Floor, Add	*12.87*	
		For Elevated Installation >25' To 30' Above Floor, Add	*18.01*	
		For Elevated Installation >30' To 35' Above Floor, Add	*20.58*	
		For Elevated Installation >35' To 40' Above Floor, Add	*25.73*	
		For Elevated Installation >40' Above Floor, Add	*28.30*	
		For Work In Restricted Working Space, Add	*15.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0822	EA	3-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	80.23	22.49
		For Elevated Installation >10' To 15' Above Floor, Add	*5.63*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.25*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.06*	
		For Elevated Installation >25' To 30' Above Floor, Add	*19.69*	
		For Elevated Installation >30' To 35' Above Floor, Add	*22.50*	
		For Elevated Installation >35' To 40' Above Floor, Add	*28.13*	
		For Elevated Installation >40' Above Floor, Add	*30.94*	
		For Work In Restricted Working Space, Add	*16.88*	
26 05 33 13-0823	EA	4" Intermediate Metal Conduit (IMC) Threaded Coupling	83.98	23.93
		For Elevated Installation >10' To 15' Above Floor, Add	*5.98*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.96*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.95*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.93*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.92*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.91*	
		For Elevated Installation >40' Above Floor, Add	*32.90*	
		For Work In Restricted Working Space, Add	*17.94*	

26 05 33 13-0824 Intermediate Metal Conduit (IMC) Reducer Bushings *(26 05 33 13-0724)*

26 05 33 13-0825	EA	1/2" To 3/4" Intermediate Metal Conduit (IMC) Reducing Bushing	7.74	2.40
		For Elevated Installation >10' To 15' Above Floor, Add	*0.60*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.20*	
		For Elevated Installation >20' To 25' Above Floor, Add	*1.50*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.09*	
		For Elevated Installation >30' To 35' Above Floor, Add	*2.39*	
		For Elevated Installation >35' To 40' Above Floor, Add	*2.99*	
		For Elevated Installation >40' Above Floor, Add	*3.29*	
		For Work In Restricted Working Space, Add	*1.79*	
26 05 33 13-0826	EA	3/4" To 1" Intermediate Metal Conduit (IMC) Reducing Bushing	8.76	2.40
		For Elevated Installation >10' To 15' Above Floor, Add	*0.60*	
		For Elevated Installation >15' To 20' Above Floor, Add	*1.20*	
		For Elevated Installation >20' To 25' Above Floor, Add	*1.50*	
		For Elevated Installation >25' To 30' Above Floor, Add	*2.09*	
		For Elevated Installation >30' To 35' Above Floor, Add	*2.39*	
		For Elevated Installation >35' To 40' Above Floor, Add	*2.99*	
		For Elevated Installation >40' Above Floor, Add	*3.29*	
		For Work In Restricted Working Space, Add	*1.79*	

26 05 33 13-0827 Explosion Proof Conduit Fittings *(26 05 33 13-0059)*

Note: For use with Rigid Galvanized Steel (RGS), Electrical Metallic Tubing (EMT) and Intermediate Metal Conduit (IMC) conduit.

26 05 33 13-0828 Explosion Proof Malleable Iron Conduit Unions *(26 05 33 13-0827)*

26 05 33 13-0829	EA	1/2" Explosion Proof Malleable Iron Conduit Union	46.09	9.97
26 05 33 13-0830	EA	3/4" Explosion Proof Malleable Iron Conduit Union	56.68	11.02
26 05 33 13-0831	EA	1" Explosion Proof Malleable Iron Conduit Union	89.60	14.69
26 05 33 13-0832	EA	1-1/4" Explosion Proof Malleable Iron Conduit Union	118.26	16.27
26 05 33 13-0833	EA	1-1/2" Explosion Proof Malleable Iron Conduit Union	148.74	19.94
26 05 33 13-0834	EA	2" Explosion Proof Malleable Iron Conduit Union	185.11	23.08
26 05 33 13-0835	EA	2-1/2" Explosion Proof Malleable Iron Conduit Union	281.49	33.00
26 05 33 13-0836	EA	3" Explosion Proof Malleable Iron Conduit Union	357.46	39.29
26 05 33 13-0837	EA	3-1/2" Explosion Proof Malleable Iron Conduit Union	598.14	47.15
26 05 33 13-0838	EA	4" Explosion Proof Malleable Iron Conduit Union	635.57	60.24

26 05 33 13-0839 Explosion Proof Malleable Iron Conduit Bodies *(26 05 33 13-0827)*

26 05 33 13-0840	EA	1/2" Explosion Proof Malleable Iron Two Hub Conduit Body	162.79	31.48
26 05 33 13-0841	EA	3/4" Explosion Proof Malleable Iron Two Hub Conduit Body	183.50	35.68
26 05 33 13-0842	EA	1" Explosion Proof Malleable Iron Two Hub Conduit Conduit Body	214.66	39.35
26 05 33 13-0843	EA	1/2" Explosion Proof Malleable Iron Three Hub Conduit Body	184.05	39.35
26 05 33 13-0844	EA	3/4" Explosion Proof Malleable Iron Three Hub Conduit Body	219.31	47.22
26 05 33 13-0845	EA	1" Explosion Proof Malleable Iron Three Hub Conduit Body	259.36	54.04

26 05 33 13-0846 Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical *(26 05 33 13-0827)*

Note: Includes sealing gasket and lock nut.

26 05 33 13-0847	EA	1/2" x 1" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	134.65	26.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.67*	
26 05 33 13-0848	EA	3/4" x 1" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	137.84	29.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.04*	
26 05 33 13-0849	EA	1" x 1-1/2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	150.46	32.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.00*	
26 05 33 13-0850	EA	1-1/4" x 2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	193.22	39.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.51*	
26 05 33 13-0851	EA	1-1/2" x 2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	246.29	46.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.63*	
26 05 33 13-0852	EA	2" x 2-1/2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	315.89	52.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.35*	
26 05 33 13-0853	EA	2-1/2" x 3" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	450.12	78.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0854	EA	3" x 4" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	568.85	98.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.86*	
26 05 33 13-0855	EA	3-1/2" x 4" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	800.60	108.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.33*	
26 05 33 13-0856	EA	4" x 5" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	1,031.03	117.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*88.40*	

26 05 33 13-0857 Explosion Proof Flexible Conduit Couplings *(26 05 33 13-0827)*

26 05 33 13-0858	EA	1/2" x 12" Explosion Proof Flexible Conduit Coupling	355.67	12.06
26 05 33 13-0859	EA	3/4" x 15" Explosion Proof Flexible Conduit Coupling	465.16	13.64

26 05 33 13-0860 Schedule 40 Polyvinyl Chloride (PVC) Conduit *(26 05 33 13-0059)*

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-0861 Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings *(26 05 33 13-0860)*

Note: Includes field bending conduit up to and including 1". See CSI section 26 05 33 13-1368 for field bending >1".

26 05 33 13-0862	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	5.75	1.87
		For Schedule 60, Add	*0.50*	
		For Schedule 80, Add	*0.84*	
26 05 33 13-0863	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	6.55	2.06
		For Schedule 60, Add	*0.61*	
		For Schedule 80, Add	*1.01*	
26 05 33 13-0864	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	8.11	2.40
		For Schedule 60, Add	*0.83*	
		For Schedule 80, Add	*1.34*	
26 05 33 13-0865	LF	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	9.66	2.74
		For Schedule 60, Add	*1.04*	
		For Schedule 80, Add	*1.66*	
26 05 33 13-0866	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	11.36	3.20
		For Schedule 60, Add	*1.24*	
		For Schedule 80, Add	*1.97*	
26 05 33 13-0867	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	13.57	3.67
		For Schedule 60, Add	*1.56*	
		For Schedule 80, Add	*2.46*	
26 05 33 13-0868	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	17.92	4.35
		For Schedule 60, Add	*2.30*	
		For Schedule 80, Add	*3.55*	
26 05 33 13-0869	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	20.98	5.04
		For Schedule 60, Add	*2.73*	
		For Schedule 80, Add	*4.20*	
26 05 33 13-0870	LF	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	25.61	5.95
		For Schedule 60, Add	*3.43*	
		For Schedule 80, Add	*5.24*	
26 05 33 13-0871	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	30.11	7.33
		For Schedule 60, Add	*3.86*	
		For Schedule 80, Add	*5.96*	
26 05 33 13-0872	LF	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	42.94	10.31
		For Schedule 60, Add	*5.58*	
		For Schedule 80, Add	*8.59*	
26 05 33 13-0873	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	57.04	13.74
		For Schedule 60, Add	*7.39*	
		For Schedule 80, Add	*11.38*	

26 05 33 13-0874 Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbows *(26 05 33 13-0860)*

See CSI section 26 05 33 13-1368 for conduit field bending.

26 05 33 13-0875	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	24.15	9.16
		For Schedule 60, Add	*1.46*	
		For Schedule 80, Add	*2.73*	
26 05 33 13-0876	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	26.71	10.08
		For Schedule 60, Add	*1.64*	
		For Schedule 80, Add	*3.05*	
26 05 33 13-0877	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	30.99	11.45
		For Schedule 60, Add	*2.02*	
		For Schedule 80, Add	*3.69*	
26 05 33 13-0878	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	40.05	14.65
		For Schedule 60, Add	*2.68*	
		For Schedule 80, Add	*4.86*	
26 05 33 13-0879	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	50.43	18.32
		For Schedule 60, Add	*3.45*	
		For Schedule 80, Add	*6.20*	
26 05 33 13-0880	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	63.70	22.90
		For Schedule 60, Add	*4.48*	
		For Schedule 80, Add	*7.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0881	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	79.96	27.48
		For Schedule 60, Add	*6.25*	
		For Schedule 80, Add	*10.81*	
26 05 33 13-0882	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	98.41	32.06
		For Schedule 60, Add	*8.57*	
		For Schedule 80, Add	*14.41*	
26 05 33 13-0883	EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	122.65	38.93
		For Schedule 60, Add	*11.20*	
		For Schedule 80, Add	*18.60*	
26 05 33 13-0884	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	147.07	45.80
		For Schedule 60, Add	*13.87*	
		For Schedule 80, Add	*22.85*	
26 05 33 13-0885	EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	200.81	57.25
		For Schedule 60, Add	*21.58*	
		For Schedule 80, Add	*34.50*	
26 05 33 13-0886	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	245.27	68.70
		For Schedule 60, Add	*26.97*	
		For Schedule 80, Add	*42.91*	
26 05 33 13-0887		**Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbows** *(26 05 33 13-0860)* See CSI section 26 05 33 13-1368 for conduit field bending.		
26 05 33 13-0888	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	24.15	9.16
		For Schedule 60, Add	*1.46*	
		For Schedule 80, Add	*2.73*	
26 05 33 13-0889	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	26.62	10.08
		For Schedule 60, Add	*1.62*	
		For Schedule 80, Add	*3.02*	
26 05 33 13-0890	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	30.86	11.45
		For Schedule 60, Add	*1.99*	
		For Schedule 80, Add	*3.65*	
26 05 33 13-0891	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	39.69	14.65
		For Schedule 60, Add	*2.59*	
		For Schedule 80, Add	*4.73*	
26 05 33 13-0892	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	49.63	18.32
		For Schedule 60, Add	*3.25*	
		For Schedule 80, Add	*5.92*	
26 05 33 13-0893	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	63.27	22.90
		For Schedule 60, Add	*4.37*	
		For Schedule 80, Add	*7.83*	
26 05 33 13-0894	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	79.16	27.48
		For Schedule 60, Add	*6.05*	
		For Schedule 80, Add	*10.53*	
26 05 33 13-0895	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	97.40	32.06
		For Schedule 60, Add	*8.32*	
		For Schedule 80, Add	*14.05*	
26 05 33 13-0896	EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	119.81	38.93
		For Schedule 60, Add	*10.49*	
		For Schedule 80, Add	*17.60*	
26 05 33 13-0897	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	144.63	45.80
		For Schedule 60, Add	*13.26*	
		For Schedule 80, Add	*22.00*	
26 05 33 13-0898	EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	197.65	57.25
		For Schedule 60, Add	*20.79*	
		For Schedule 80, Add	*33.40*	
26 05 33 13-0899	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	235.85	68.70
		For Schedule 60, Add	*24.61*	
		For Schedule 80, Add	*39.61*	
26 05 33 13-0900		**Schedule 40 Polyvinyl Chloride (PVC) Conduit 18" Large Radius Elbow** *(26 05 33 13-0860)*		
26 05 33 13-0901	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	112.02	29.55
		For Schedule 80, Add	*24.43*	
26 05 33 13-0902	EA	1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	131.74	34.22
		For Schedule 80, Add	*29.00*	
26 05 33 13-0903	EA	1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	148.98	38.89
		For Schedule 80, Add	*32.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0904	EA	2" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	180.97	42.78
		For Schedule 80, Add	*41.95*	
26 05 33 13-0905	EA	2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	240.89	53.67
		For Schedule 80, Add	*57.48*	
26 05 33 13-0906	EA	3" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	311.24	73.11
		For Schedule 80, Add	*72.38*	
26 05 33 13-0907	EA	3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	381.21	82.44
		For Schedule 80, Add	*92.20*	
26 05 33 13-0908	EA	4" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	446.65	107.33
		For Schedule 80, Add	*102.67*	
26 05 33 13-0909		**Schedule 40 Polyvinyl Chloride (PVC) Conduit 24" Large Radius Elbow** *(26 05 33 13-0860)*		
26 05 33 13-0910	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	121.74	29.55
		For Schedule 80, Add	*27.83*	
26 05 33 13-0911	EA	1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	155.12	34.22
		For Schedule 80, Add	*37.18*	
26 05 33 13-0912	EA	1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	182.45	38.89
		For Schedule 80, Add	*44.42*	
26 05 33 13-0913	EA	2" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	197.54	42.78
		For Schedule 80, Add	*47.75*	
26 05 33 13-0914	EA	2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	291.96	53.67
		For Schedule 80, Add	*75.35*	
26 05 33 13-0915	EA	3" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	385.50	73.11
		For Schedule 80, Add	*98.37*	
26 05 33 13-0916	EA	3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	426.93	82.44
		For Schedule 80, Add	*108.21*	
26 05 33 13-0917	EA	4" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	502.00	107.33
		For Schedule 80, Add	*122.04*	
26 05 33 13-0918		**Schedule 40 Polyvinyl Chloride (PVC) Conduit 30" Large Radius Elbow** *(26 05 33 13-0860)*		
26 05 33 13-0919	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	147.94	29.55
		For Schedule 80, Add	*37.00*	
26 05 33 13-0920	EA	1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	166.10	34.22
		For Schedule 80, Add	*41.03*	
26 05 33 13-0921	EA	1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	188.90	38.89
		For Schedule 80, Add	*46.67*	
26 05 33 13-0922	EA	2" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	228.78	42.78
		For Schedule 80, Add	*58.69*	
26 05 33 13-0923	EA	2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	310.98	53.67
		For Schedule 80, Add	*82.01*	
26 05 33 13-0924	EA	3" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	401.46	73.11
		For Schedule 80, Add	*103.96*	
26 05 33 13-0925	EA	3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	487.79	82.44
		For Schedule 80, Add	*129.51*	
26 05 33 13-0926	EA	4" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	556.66	107.33
		For Schedule 80, Add	*141.17*	
26 05 33 13-0927		**Schedule 40 Polyvinyl Chloride (PVC) Conduit 36" Large Radius Elbow** *(26 05 33 13-0860)*		
26 05 33 13-0928	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	153.29	29.55
		For Schedule 80, Add	*38.87*	
26 05 33 13-0929	EA	1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	198.58	34.22
		For Schedule 80, Add	*52.39*	
26 05 33 13-0930	EA	1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	214.66	38.89
		For Schedule 80, Add	*55.69*	
26 05 33 13-0931	EA	2" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	229.94	42.78
		For Schedule 80, Add	*59.09*	
26 05 33 13-0932	EA	2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	352.88	53.67
		For Schedule 80, Add	*96.68*	
26 05 33 13-0933	EA	3" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	495.36	73.11
		For Schedule 80, Add	*136.82*	
26 05 33 13-0934	EA	3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	573.29	82.44
		For Schedule 80, Add	*159.43*	
26 05 33 13-0935	EA	4" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	657.92	107.33
		For Schedule 80, Add	*176.61*	
26 05 33 13-0936	EA	5" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	1,049.19	174.69
		For Schedule 80, Add	*279.72*	
26 05 33 13-0937	EA	6" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	1,528.70	263.24
		For Schedule 80, Add	*403.61*	
26 05 33 13-0938		**Schedule 40 Polyvinyl Chloride (PVC) Conduit 48" Large Radius Elbow** *(26 05 33 13-0860)*		
26 05 33 13-0939	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	173.84	29.55
		For Schedule 80, Add	*46.07*	
26 05 33 13-0940	EA	1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	204.08	34.22
		For Schedule 80, Add	*54.32*	
26 05 33 13-0941	EA	1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	231.20	38.89
		For Schedule 80, Add	*61.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0942	EA	2" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	287.04	42.78
		For Schedule 80, Add	*79.08*	
26 05 33 13-0943	EA	2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	393.77	53.67
		For Schedule 80, Add	*110.99*	
26 05 33 13-0944	EA	3" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	562.52	73.11
		For Schedule 80, Add	*160.33*	
26 05 33 13-0945	EA	3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	637.50	82.44
		For Schedule 80, Add	*181.91*	
26 05 33 13-0946	EA	4" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	769.37	107.33
		For Schedule 80, Add	*215.62*	
26 05 33 13-0947	EA	5" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	1,114.39	174.69
		For Schedule 80, Add	*302.54*	
26 05 33 13-0948	EA	6" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	1,581.49	263.24
		For Schedule 80, Add	*422.08*	

26 05 33 13-0949 Polyvinyl Chloride (PVC) Conduit Female Adapters *(26 05 33 13-0860)*

26 05 33 13-0950	EA	1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter	16.61	6.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.81*	
26 05 33 13-0951	EA	3/4" Polyvinyl Chloride (PVC) Conduit Female Adapter	19.11	7.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.50*	
26 05 33 13-0952	EA	1" Polyvinyl Chloride (PVC) Conduit Female Adapter	21.70	8.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 33 13-0953	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Female Adapter	24.40	9.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.87*	
26 05 33 13-0954	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter	30.27	11.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.59*	
26 05 33 13-0955	EA	2" Polyvinyl Chloride (PVC) Conduit Female Adapter	36.72	13.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.31*	
26 05 33 13-0956	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter	50.08	18.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.74*	
26 05 33 13-0957	EA	3" Polyvinyl Chloride (PVC) Conduit Female Adapter	63.05	22.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.18*	
26 05 33 13-0958	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter	81.77	29.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.33*	
26 05 33 13-0959	EA	4" Polyvinyl Chloride (PVC) Conduit Female Adapter	99.30	36.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.48*	
26 05 33 13-0960	EA	5" Polyvinyl Chloride (PVC) Conduit Female Adapter	130.15	45.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.35*	
26 05 33 13-0961	EA	6" Polyvinyl Chloride (PVC) Conduit Female Adapter	162.03	57.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.94*	

26 05 33 13-0962 Polyvinyl Chloride (PVC) Conduit Bell Ends And Plug *(26 05 33 13-0860)*

26 05 33 13-0963	EA	1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	18.37	5.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.12*	
26 05 33 13-0964	EA	3/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	21.01	6.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.81*	
26 05 33 13-0965	EA	1" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	23.67	7.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.50*	
26 05 33 13-0966	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	27.96	8.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 33 13-0967	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	31.17	9.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.87*	
26 05 33 13-0968	EA	2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	37.27	10.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-0969	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	41.77	11.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.93*	
26 05 33 13-0970	EA	3" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	47.42	13.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.31*	
26 05 33 13-0971	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	56.05	16.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.02*	
26 05 33 13-0972	EA	4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	62.19	18.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.74*	
26 05 33 13-0973	EA	5" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	77.86	20.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.46*	
26 05 33 13-0974	EA	6" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	87.57	22.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.18*	

26 05 33 13-0975 Polyvinyl Chloride (PVC) Conduit Terminal Adapters *(26 05 33 13-0860)*

26 05 33 13-0976	EA	1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	18.10	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.29*	
26 05 33 13-0977	EA	3/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	21.90	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.33*	
26 05 33 13-0978	EA	1" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	24.40	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.03*	
26 05 33 13-0979	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	27.39	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.83*	
26 05 33 13-0980	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	30.07	11.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.59*	
26 05 33 13-0981	EA	2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	36.45	13.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0982	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	49.54	18.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.74*	
26 05 33 13-0983	EA	3" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	62.29	22.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.18*	
26 05 33 13-0984	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	80.81	29.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.33*	
26 05 33 13-0985	EA	4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	98.32	36.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.48*	
26 05 33 13-0986	EA	5" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	128.21	45.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.35*	
26 05 33 13-0987	EA	6" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	159.70	57.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.94*	

26 05 33 13-0988 Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover *(26 05 33 13-0860)*

26 05 33 13-0989	EA	1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	51.09	18.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.74*	
26 05 33 13-0990	EA	3/4" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	59.01	20.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.46*	
26 05 33 13-0991	EA	1" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	65.55	22.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.18*	
26 05 33 13-0992	EA	1-1/4" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	80.56	27.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.61*	
26 05 33 13-0993	EA	1-1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	99.77	34.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.76*	
26 05 33 13-0994	EA	2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	127.69	41.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.92*	
26 05 33 13-0995	EA	2-1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	206.32	45.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.35*	
26 05 33 13-0996	EA	3" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	221.00	50.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.79*	
26 05 33 13-0997	EA	3-1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	241.39	57.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.94*	
26 05 33 13-0998	EA	4" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	270.77	66.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.81*	

26 05 33 13-0999 Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover *(26 05 33 13-0860)*

26 05 33 13-1000	EA	1/2" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	66.87	23.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.95*	
26 05 33 13-1001	EA	3/4" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	74.65	26.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.74*	
26 05 33 13-1002	EA	1" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	80.86	28.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.54*	
26 05 33 13-1003	EA	1-1/4" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	100.10	33.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.13*	
26 05 33 13-1004	EA	1-1/2" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	121.04	40.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.51*	
26 05 33 13-1005	EA	2" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	147.96	47.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.90*	

26 05 33 13-1006 Polyvinyl Chloride (PVC) Conduit Expansion Joint *(26 05 33 13-0860)*

26 05 33 13-1007	EA	1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	102.20	22.90
26 05 33 13-1008	EA	3/4" Polyvinyl Chloride (PVC) Conduit Expansion Joint	114.80	27.48
26 05 33 13-1009	EA	1" Polyvinyl Chloride (PVC) Conduit Expansion Joint	128.08	32.06
26 05 33 13-1010	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Expansion Joint	140.69	36.64
26 05 33 13-1011	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	153.06	41.21
26 05 33 13-1012	EA	2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	167.63	45.80
26 05 33 13-1013	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	203.45	52.67
26 05 33 13-1014	EA	3" Polyvinyl Chloride (PVC) Conduit Expansion Joint	241.95	59.53
26 05 33 13-1015	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	282.72	68.70
26 05 33 13-1016	EA	4" Polyvinyl Chloride (PVC) Conduit Expansion Joint	335.56	80.15
26 05 33 13-1017	EA	5" Polyvinyl Chloride (PVC) Conduit Expansion Joint	439.39	96.18
26 05 33 13-1018	EA	6" Polyvinyl Chloride (PVC) Conduit Expansion Joint	576.30	123.65

26 05 33 13-1019 Polyvinyl Chloride (PVC) Conduit End Caps *(26 05 33 13-0860)*

26 05 33 13-1020	EA	1/2" Polyvinyl Chloride (PVC) Conduit End Cap	13.82	4.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.44*	
26 05 33 13-1021	EA	3/4" Polyvinyl Chloride (PVC) Conduit End Cap	16.39	5.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.12*	
26 05 33 13-1022	EA	1" Polyvinyl Chloride (PVC) Conduit End Cap	18.91	6.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.81*	
26 05 33 13-1023	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit End Cap	22.45	7.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.50*	
26 05 33 13-1024	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit End Cap	26.05	8.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 33 13-1025	EA	2" Polyvinyl Chloride (PVC) Conduit End Cap	30.52	9.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1026	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit End Cap	42.37	10.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-1027	EA	3" Polyvinyl Chloride (PVC) Conduit End Cap	46.59	11.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.93*	
26 05 33 13-1028	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit End Cap	58.63	13.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.96*	
26 05 33 13-1029	EA	4" Polyvinyl Chloride (PVC) Conduit End Cap	70.09	14.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.65*	
26 05 33 13-1030	EA	5" Polyvinyl Chloride (PVC) Conduit End Cap	81.52	16.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.02*	
26 05 33 13-1031	EA	6" Polyvinyl Chloride (PVC) Conduit End Cap	102.22	18.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.74*	

26 05 33 13-1032 Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Bodies With Cover (Smart Pathways) *(26 05 33 13-0860)*

26 05 33 13-1033	EA	2" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways EZLB200)	142.90	41.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.92*	
26 05 33 13-1034	EA	3/4" To 1-1/4" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB121)	149.17	27.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.61*	
26 05 33 13-1035	EA	1-1/2" To 2-1/2" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB251)	361.17	45.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.35*	
26 05 33 13-1036	EA	3" To 4" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB401)	702.76	66.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.81*	

26 05 33 13-1037 Conduit Installed Below Grade *(26 05 33 13-0058)*

Note: By direct burial In trench or in concrete slabs or duct banks. Includes detectable warning tape for underground conduits. Excludes trenching, backfilling and concrete.

26 05 33 13-1038 Schedule 40 Polyvinyl Chloride (PVC) Conduit, Direct Burial *(26 05 33 13-1037)*

26 05 33 13-1039 Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial *(26 05 33 13-1038)*

Note: Includes field bend conduit up to and including 1". See CSI section 26 05 33 13-1368 for field bending >1".

26 05 33 13-1040	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	4.78	
		For Schedule 60, Add	*0.45*	
		For Schedule 80, Add	*0.74*	
26 05 33 13-1041	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	5.41	
		For Schedule 60, Add	*0.55*	
		For Schedule 80, Add	*0.89*	
26 05 33 13-1042	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	6.40	
		For Schedule 60, Add	*0.74*	
		For Schedule 80, Add	*1.17*	
26 05 33 13-1043	LF	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	7.37	
		For Schedule 60, Add	*0.93*	
		For Schedule 80, Add	*1.43*	
26 05 33 13-1044	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	8.22	
		For Schedule 60, Add	*1.08*	
		For Schedule 80, Add	*1.66*	
26 05 33 13-1045	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	9.56	
		For Schedule 60, Add	*1.36*	
		For Schedule 80, Add	*2.06*	
26 05 33 13-1046	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	12.48	
		For Schedule 60, Add	*2.03*	
		For Schedule 80, Add	*3.01*	
26 05 33 13-1047	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	14.12	
		For Schedule 60, Add	*2.38*	
		For Schedule 80, Add	*3.51*	
26 05 33 13-1048	LF	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	16.74	
		For Schedule 60, Add	*2.98*	
		For Schedule 80, Add	*4.36*	
26 05 33 13-1049	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	18.09	
		For Schedule 60, Add	*3.26*	
		For Schedule 80, Add	*4.76*	

26 05 33 13-1050 Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbows, Direct Burial *(26 05 33 13-1038)*

See CSI section 26 05 33 13-1368 for conduit field bending.

26 05 33 13-1051	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	29.87	
		For Schedule 60, Add	*1.74*	
		For Schedule 80, Add	*3.30*	
26 05 33 13-1052	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	35.87	
		For Schedule 60, Add	*2.10*	
		For Schedule 80, Add	*3.97*	
26 05 33 13-1053	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	42.44	
		For Schedule 60, Add	*2.60*	
		For Schedule 80, Add	*4.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1054	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	49.21	
		For Schedule 60, Add	*3.14*	
		For Schedule 80, Add	*5.77*	
26 05 33 13-1055	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	56.15	
		For Schedule 60, Add	*3.73*	
		For Schedule 80, Add	*6.77*	
26 05 33 13-1056	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	63.70	
		For Schedule 60, Add	*4.48*	
		For Schedule 80, Add	*7.98*	
26 05 33 13-1057	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	74.23	
		For Schedule 60, Add	*5.96*	
		For Schedule 80, Add	*10.24*	
26 05 33 13-1058	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	86.96	
		For Schedule 60, Add	*8.00*	
		For Schedule 80, Add	*13.26*	
26 05 33 13-1059	EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	105.48	
		For Schedule 60, Add	*10.34*	
		For Schedule 80, Add	*16.88*	
26 05 33 13-1060	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	124.16	
		For Schedule 60, Add	*12.72*	
		For Schedule 80, Add	*20.56*	

26 05 33 13-1061 Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbows, Direct Burial *(26 05 33 13-1038)*

See CSI section 26 05 33 13-1368 for conduit field bending.

26 05 33 13-1062	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	29.87	
		For Schedule 60, Add	*1.74*	
		For Schedule 80, Add	*3.30*	
26 05 33 13-1063	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	35.78	
		For Schedule 60, Add	*2.08*	
		For Schedule 80, Add	*3.94*	
26 05 33 13-1064	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	42.31	
		For Schedule 60, Add	*2.56*	
		For Schedule 80, Add	*4.79*	
26 05 33 13-1065	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	48.85	
		For Schedule 60, Add	*3.05*	
		For Schedule 80, Add	*5.65*	
26 05 33 13-1066	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	55.35	
		For Schedule 60, Add	*3.53*	
		For Schedule 80, Add	*6.49*	
26 05 33 13-1067	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	63.27	
		For Schedule 60, Add	*4.37*	
		For Schedule 80, Add	*7.83*	
26 05 33 13-1068	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	73.43	
		For Schedule 60, Add	*5.76*	
		For Schedule 80, Add	*9.96*	
26 05 33 13-1069	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	85.95	
		For Schedule 60, Add	*7.75*	
		For Schedule 80, Add	*12.91*	
26 05 33 13-1070	EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	102.64	
		For Schedule 60, Add	*9.63*	
		For Schedule 80, Add	*15.89*	
26 05 33 13-1071	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	121.72	
		For Schedule 60, Add	*12.11*	
		For Schedule 80, Add	*19.70*	
26 05 33 13-1072	EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	157.58	
		For Schedule 60, Add	*18.79*	
		For Schedule 80, Add	*29.39*	
26 05 33 13-1073	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	178.60	
		For Schedule 60, Add	*21.75*	
		For Schedule 80, Add	*33.89*	

26 05 33 13-1074 Polyvinyl Chloride (PVC) Conduit Female Adapters, Direct Burial *(26 05 33 13-1038)*

26 05 33 13-1075	EA	1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	16.61	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.81*	
26 05 33 13-1076	EA	3/4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	19.11	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.50*	
26 05 33 13-1077	EA	1" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	21.70	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 33 13-1078	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	24.40	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.87*	
26 05 33 13-1079	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	26.84	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.56*	
26 05 33 13-1080	EA	2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	29.85	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.24*	
26 05 33 13-1081	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	35.20	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.28*	
26 05 33 13-1082	EA	3" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	40.15	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.31*	
26 05 33 13-1083	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	47.41	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1084	EA	4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	53.51	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.74*	

26 05 33 13-1085 Polyvinyl Chloride (PVC) Conduit Bell Ends And Plug, Direct Burial *(26 05 33 13-1038)*

26 05 33 13-1086	EA	1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	18.37	
26 05 33 13-1087	EA	3/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	21.01	
26 05 33 13-1088	EA	1" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	23.67	
26 05 33 13-1089	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	30.25	
26 05 33 13-1090	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	33.46	
26 05 33 13-1091	EA	2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	37.27	
26 05 33 13-1092	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	41.77	
26 05 33 13-1093	EA	3" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	47.42	
26 05 33 13-1094	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	56.05	
26 05 33 13-1095	EA	4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	62.19	

26 05 33 13-1096 Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial *(26 05 33 13-1038)*

26 05 33 13-1097	EA	1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial	16.51	
26 05 33 13-1098	EA	3/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial	19.11	
26 05 33 13-1099	EA	1" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial	21.57	
26 05 33 13-1100	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial	24.18	
26 05 33 13-1101	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	26.64	
26 05 33 13-1102	EA	2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	29.58	
26 05 33 13-1103	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	34.66	
26 05 33 13-1104	EA	3" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	39.39	
26 05 33 13-1105	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	46.45	
26 05 33 13-1106	EA	4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	52.53	
26 05 33 13-1107	EA	5" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	65.23	
26 05 33 13-1108	EA	6" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	73.83	

26 05 33 13-1109 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial *(26 05 33 13-1037)*

Note: 40 mil Polyvinyl Chloride (PVC) coated, 2 mil urethane lined (Ocal Blue, Crouse-Hinds, Appleton or O-Z/Gedney).

26 05 33 13-1110 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial *(26 05 33 13-1109)*

Note: Includes field bending for conduit up to and including 1". See CSI section 26 05 33 13-1358 for field bending >1".

26 05 33 13-1111	LF	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	12.00	2.52
		For >1,000, Deduct	*-1.04*	
		For >250 To 500, Deduct	*-0.44*	
		For >500 To 1,000, Deduct	*-0.74*	
26 05 33 13-1112	LF	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	13.44	3.11
		For >1,000, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-0.49*	
		For >500 To 1,000, Deduct	*-0.83*	
26 05 33 13-1113	LF	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	16.49	3.47
		For >1,000, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-0.62*	
		For >500 To 1,000, Deduct	*-1.03*	
26 05 33 13-1114	LF	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	19.85	4.67
		For >1,000, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-0.75*	
		For >500 To 1,000, Deduct	*-1.25*	
26 05 33 13-1115	LF	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	23.27	5.26
		For >1,000, Deduct	*-2.06*	
		For >250 To 500, Deduct	*-0.89*	
		For >500 To 1,000, Deduct	*-1.48*	
26 05 33 13-1116	LF	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	29.45	5.74
		For >1,000, Deduct	*-2.62*	
		For >250 To 500, Deduct	*-1.14*	
		For >500 To 1,000, Deduct	*-1.88*	
26 05 33 13-1117	LF	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	42.65	8.61
		For >1,000, Deduct	*-3.82*	
		For >250 To 500, Deduct	*-1.68*	
		For >500 To 1,000, Deduct	*-2.75*	
26 05 33 13-1118	LF	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	55.08	10.77
		For >1,000, Deduct	*-4.91*	
		For >250 To 500, Deduct	*-2.16*	
		For >500 To 1,000, Deduct	*-3.53*	
26 05 33 13-1119	LF	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	68.01	11.37
		For >1,000, Deduct	*-6.05*	
		For >250 To 500, Deduct	*-2.65*	
		For >500 To 1,000, Deduct	*-4.35*	
26 05 33 13-1120	LF	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	80.81	12.56
		For >1,000, Deduct	*-7.18*	
		For >250 To 500, Deduct	*-3.14*	
		For >500 To 1,000, Deduct	*-5.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1121	LF	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	125.08	17.35
		For >1,000, Deduct	*-11.37*	
		For >250 To 500, Deduct	*-5.12*	
		For >500 To 1,000, Deduct	*-8.24*	
26 05 33 13-1122	LF	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	166.53	22.73
		For >1,000, Deduct	*-15.22*	
		For >250 To 500, Deduct	*-6.89*	
		For >500 To 1,000, Deduct	*-11.05*	

26 05 33 13-1123 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Couplings, Direct Burial *(26 05 33 13-1109)*

26 05 33 13-1124	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	12.89	3.59
26 05 33 13-1125	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	15.55	4.78
26 05 33 13-1126	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	19.73	5.98
26 05 33 13-1127	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	22.22	6.59
26 05 33 13-1128	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	26.33	7.78
26 05 33 13-1129	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	33.71	8.97
26 05 33 13-1130	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	60.55	10.77
26 05 33 13-1131	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	77.29	14.96
26 05 33 13-1132	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	95.47	17.35
26 05 33 13-1133	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	118.92	23.93
26 05 33 13-1134	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	297.35	32.91
26 05 33 13-1135	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	295.74	18.54

26 05 33 13-1136 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbows, Direct Burial *(26 05 33 13-1109)*

Note: 90, 45, or 30-degree.

26 05 33 13-1137	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	49.92	14.96
26 05 33 13-1138	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	57.86	18.54
26 05 33 13-1139	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	69.29	22.73
26 05 33 13-1140	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	81.92	26.32
26 05 33 13-1141	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	95.81	29.91
26 05 33 13-1142	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	116.01	32.91
26 05 33 13-1143	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	177.16	41.28
26 05 33 13-1144	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	263.64	56.23
26 05 33 13-1145	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	325.19	63.42
26 05 33 13-1146	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	374.80	82.56
26 05 33 13-1147	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	774.52	134.61
26 05 33 13-1148	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	1,216.63	202.22

26 05 33 13-1149 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbows, Direct Burial *(26 05 33 13-1109)*

26 05 33 13-1150	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	116.46	22.73
26 05 33 13-1151	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	131.16	26.32
26 05 33 13-1152	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	149.72	29.91
26 05 33 13-1153	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	178.22	32.91
26 05 33 13-1154	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	247.57	41.28

26 05 33 13-1155 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbows, Direct Burial *(26 05 33 13-1109)*

26 05 33 13-1156	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	129.21	22.73
26 05 33 13-1157	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	152.23	26.32
26 05 33 13-1158	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	164.83	29.91
26 05 33 13-1159	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	211.17	32.91
26 05 33 13-1160	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	279.35	41.28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1161	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	357.87	56.23
26 05 33 13-1162		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbows, Direct Burial** *(26 05 33 13-1109)*		
26 05 33 13-1163	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	144.46	22.73
26 05 33 13-1164	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	163.21	26.32
26 05 33 13-1165	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	184.22	29.91
26 05 33 13-1166	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	222.10	32.91
26 05 33 13-1167	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	315.86	41.28
26 05 33 13-1168	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	400.74	56.23
26 05 33 13-1169	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	504.71	63.42
26 05 33 13-1170	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	570.38	82.56
26 05 33 13-1171		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbows, Direct Burial** *(26 05 33 13-1109)*		
26 05 33 13-1172	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	170.81	22.73
26 05 33 13-1173	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	188.98	26.32
26 05 33 13-1174	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	213.47	29.91
26 05 33 13-1175	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	264.23	32.91
26 05 33 13-1176	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	381.20	41.28
26 05 33 13-1177	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	473.37	56.23
26 05 33 13-1178	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	549.05	63.42
26 05 33 13-1179	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	651.79	82.56
26 05 33 13-1180		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbows, Direct Burial** *(26 05 33 13-1109)*		
26 05 33 13-1181	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	191.30	22.73
26 05 33 13-1182	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	212.96	26.32
26 05 33 13-1183	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	242.27	29.91
26 05 33 13-1184	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	300.90	32.91
26 05 33 13-1185	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	416.86	41.28
26 05 33 13-1186	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	531.46	56.23
26 05 33 13-1187	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	656.87	63.42
26 05 33 13-1188	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	726.52	82.56
26 05 33 13-1189	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	1,210.79	134.61
26 05 33 13-1190		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbows, Direct Burial** *(26 05 33 13-1109)*		
26 05 33 13-1191	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	218.11	22.73
26 05 33 13-1192	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	241.94	26.32
26 05 33 13-1193	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	273.83	29.91
26 05 33 13-1194	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	341.57	32.91
26 05 33 13-1195	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	476.27	41.28
26 05 33 13-1196	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	605.47	56.23
26 05 33 13-1197	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	710.90	63.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1198	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	823.00	82.56
26 05 33 13-1199	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	1,278.40	134.61
26 05 33 13-1200	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	1,750.88	202.22
26 05 33 13-1201		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbows, Direct Burial** *(26 05 33 13-1109)*		
26 05 33 13-1202	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	255.43	22.73
26 05 33 13-1203	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	267.77	26.32
26 05 33 13-1204	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	316.07	29.91
26 05 33 13-1205	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	398.19	32.91
26 05 33 13-1206	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	556.38	41.28
26 05 33 13-1207	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	705.25	56.23
26 05 33 13-1208	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	861.10	63.42
26 05 33 13-1209	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	1,010.68	82.56
26 05 33 13-1210	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	1,498.94	134.61
26 05 33 13-1211	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	1,852.12	202.22
26 05 33 13-1212		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbows, Direct Burial** *(26 05 33 13-1109)*		
26 05 33 13-1213	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	264.42	22.73
26 05 33 13-1214	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	311.47	26.32
26 05 33 13-1215	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	352.60	29.91
26 05 33 13-1216	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	415.22	32.91
26 05 33 13-1217	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	576.39	41.28
26 05 33 13-1218	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	735.94	56.23
26 05 33 13-1219	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	942.90	63.42
26 05 33 13-1220	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	1,053.24	82.56
26 05 33 13-1221	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	1,558.19	134.61
26 05 33 13-1222	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	1,903.55	202.22
26 05 33 13-1223		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNF Conduit Unions, Direct Burial** *(26 05 33 13-1109)*		
26 05 33 13-1224	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	89.55	14.96
26 05 33 13-1225	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	97.82	18.54
26 05 33 13-1226	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	126.88	22.73
26 05 33 13-1227	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	183.66	26.32
26 05 33 13-1228	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	217.86	29.91
26 05 33 13-1229	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	276.40	32.91
26 05 33 13-1230	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	367.69	41.28
26 05 33 13-1231	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	475.64	41.28
26 05 33 13-1232	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	614.43	63.42
26 05 33 13-1233	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	791.20	82.56
26 05 33 13-1234	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	1,439.44	134.61
26 05 33 13-1235	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	1,798.14	202.22

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1236		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNY Conduit Unions, Direct Burial** *(26 05 33 13-1109)*		
26 05 33 13-1237	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	91.56	14.96
26 05 33 13-1238	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	105.49	18.54
26 05 33 13-1239	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	130.97	22.73
26 05 33 13-1240	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	191.17	26.32
26 05 33 13-1241	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	228.29	29.91
26 05 33 13-1242	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	298.91	32.91
26 05 33 13-1243	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	415.84	41.28
26 05 33 13-1244	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	524.61	41.28
26 05 33 13-1245	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	702.95	63.42
26 05 33 13-1246	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	879.40	82.56
26 05 33 13-1247	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	1,601.12	134.61
26 05 33 13-1248	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	2,059.21	202.22
26 05 33 13-1249		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Nipples, Direct Burial** *(26 05 33 13-1109)*		
26 05 33 13-1250	EA	1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	31.26	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.31*	
26 05 33 13-1251	EA	3/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	35.19	8.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.39*	
26 05 33 13-1252	EA	1" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	40.92	11.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.82*	
26 05 33 13-1253	EA	1-1/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	48.69	13.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-1254	EA	1-1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	53.01	14.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.97*	
26 05 33 13-1255	EA	1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	34.65	7.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.67*	
26 05 33 13-1256	EA	3/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	37.50	8.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.39*	
26 05 33 13-1257	EA	1" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	43.25	11.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.82*	
26 05 33 13-1258	EA	1-1/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	51.16	13.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-1259	EA	1-1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	55.68	14.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.97*	
26 05 33 13-1260	EA	2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	60.42	16.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.05*	
26 05 33 13-1261	EA	1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	34.81	7.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.67*	
26 05 33 13-1262	EA	3/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	37.65	8.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.38*	
26 05 33 13-1263	EA	1" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	43.55	11.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.82*	
26 05 33 13-1264	EA	1-1/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	51.48	13.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-1265	EA	1-1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	56.00	14.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.97*	
26 05 33 13-1266	EA	2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	61.25	16.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1267	EA	1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	37.00	7.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.67*	
26 05 33 13-1268	EA	3/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	39.85	8.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.38*	
26 05 33 13-1269	EA	1" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	45.91	11.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.82*	
26 05 33 13-1270	EA	1-1/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	52.82	13.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-1271	EA	1-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	57.48	14.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.97*	
26 05 33 13-1272	EA	2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	63.84	16.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.05*	
26 05 33 13-1273	EA	2-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	88.84	20.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 05 33 13-1274	EA	3" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	115.15	28.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.87*	
26 05 33 13-1275	EA	1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	37.17	7.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.67*	
26 05 33 13-1276	EA	3/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	40.15	8.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.38*	
26 05 33 13-1277	EA	1" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	46.23	11.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.82*	
26 05 33 13-1278	EA	1-1/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	54.16	13.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-1279	EA	1-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	58.96	14.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.97*	
26 05 33 13-1280	EA	2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	66.43	16.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.05*	
26 05 33 13-1281	EA	2-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	91.12	20.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 05 33 13-1282	EA	3" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	120.08	28.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.87*	
26 05 33 13-1283	EA	3-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	143.04	31.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.02*	
26 05 33 13-1284	EA	4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	167.75	41.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.77*	
26 05 33 13-1285	EA	1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	37.47	7.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.67*	
26 05 33 13-1286	EA	3/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	40.47	8.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.38*	
26 05 33 13-1287	EA	1" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	46.58	11.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.82*	
26 05 33 13-1288	EA	1-1/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	54.79	13.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-1289	EA	1-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	59.60	14.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.97*	
26 05 33 13-1290	EA	2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	67.84	16.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.05*	
26 05 33 13-1291	EA	2-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	100.23	20.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 05 33 13-1292	EA	3" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	127.45	28.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.87*	
26 05 33 13-1293	EA	3-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	144.61	31.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.02*	
26 05 33 13-1294	EA	4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	171.95	41.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1295	EA	5" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	252.72	56.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.10*	
26 05 33 13-1296	EA	1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	38.04	7.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.67*	
26 05 33 13-1297	EA	3/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	41.05	8.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.38*	
26 05 33 13-1298	EA	1" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	47.20	11.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.82*	
26 05 33 13-1299	EA	1-1/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	55.94	13.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-1300	EA	1-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	60.99	14.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.97*	
26 05 33 13-1301	EA	2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	69.25	16.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.05*	
26 05 33 13-1302	EA	2-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	109.47	20.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 05 33 13-1303	EA	3" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	137.25	28.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.87*	
26 05 33 13-1304	EA	3-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	153.44	31.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.02*	
26 05 33 13-1305	EA	4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	186.83	41.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.77*	
26 05 33 13-1306	EA	5" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	274.97	56.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.10*	
26 05 33 13-1307	EA	1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	38.94	7.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.67*	
26 05 33 13-1308	EA	3/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	41.93	8.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.38*	
26 05 33 13-1309	EA	1" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	48.59	11.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.82*	
26 05 33 13-1310	EA	1-1/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	56.24	13.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-1311	EA	1-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	63.81	14.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.97*	
26 05 33 13-1312	EA	2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	76.13	16.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.05*	
26 05 33 13-1313	EA	2-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	120.84	20.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 05 33 13-1314	EA	3" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	150.65	28.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.87*	
26 05 33 13-1315	EA	3-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	175.53	31.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.02*	
26 05 33 13-1316	EA	4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	209.18	41.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.77*	
26 05 33 13-1317	EA	5" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	290.23	56.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.10*	
26 05 33 13-1318	EA	1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	39.89	7.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.67*	
26 05 33 13-1319	EA	3/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	42.85	8.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.38*	
26 05 33 13-1320	EA	1" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	49.95	11.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.82*	
26 05 33 13-1321	EA	1-1/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	60.40	13.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-1322	EA	1-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	70.51	14.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1323	EA	2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	86.25	16.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.05*	
26 05 33 13-1324	EA	2-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	132.86	20.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 05 33 13-1325	EA	3" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	167.82	28.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.87*	
26 05 33 13-1326	EA	3-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	198.73	31.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.02*	
26 05 33 13-1327	EA	4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	248.28	41.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.77*	
26 05 33 13-1328	EA	5" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	320.66	56.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.10*	
26 05 33 13-1329	EA	1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	40.86	7.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.67*	
26 05 33 13-1330	EA	3/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	43.94	8.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.38*	
26 05 33 13-1331	EA	1" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	53.42	11.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.82*	
26 05 33 13-1332	EA	1-1/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	67.24	13.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-1333	EA	1-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	78.62	14.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.97*	
26 05 33 13-1334	EA	2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	94.39	16.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.05*	
26 05 33 13-1335	EA	2-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	148.89	20.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 05 33 13-1336	EA	3" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	193.56	28.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.87*	
26 05 33 13-1337	EA	3-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	212.96	31.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.02*	
26 05 33 13-1338	EA	4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	260.27	41.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.77*	
26 05 33 13-1339	EA	5" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	325.00	56.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.10*	

26 05 33 13-1340 Spacers *(26 05 33 13-1037)*

Note: For concrete encasement applications. See CSI section 03 30 53 00-0001 for concrete., 26 05 33 13-1037 for conduit.

26 05 33 13-1341	EA	1" Base Spacers, Average 4" Wide, Direct Burial	11.98
26 05 33 13-1342	EA	1" Intermediate Spacers, Average 4" Wide, Direct Burial	12.89
26 05 33 13-1343	EA	1-1/4" Base Spacer, Average 4" Wide, Direct Burial	14.27
26 05 33 13-1344	EA	1-1/4" Intermediate Spacers, Average 4" Wide, Direct Burial	15.38
26 05 33 13-1345	EA	1-1/2" Base Spacer, Average 4" Wide, Direct Burial	14.39
26 05 33 13-1346	EA	1-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	15.46
26 05 33 13-1347	EA	2" Base Spacer, Average 4" Wide, Direct Burial	17.90
26 05 33 13-1348	EA	2" Intermediate Spacers, Average 4" Wide, Direct Burial	16.61
26 05 33 13-1349	EA	2-1/2" Base Spacer, Average 4" Wide, Direct Burial	19.80
26 05 33 13-1350	EA	2-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	19.14
26 05 33 13-1351	EA	3" Base Spacer, Average 4" Wide, Direct Burial	22.66
26 05 33 13-1352	EA	3" Intermediate Spacers, Average 4" Wide, Direct Burial	21.63
26 05 33 13-1353	EA	3-1/2" Base Spacer, Average 4" Wide, Direct Burial	24.56
26 05 33 13-1354	EA	3-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	23.46
26 05 33 13-1355	EA	4" Base Spacer, Average 4" Wide, Direct Burial	25.29
26 05 33 13-1356	EA	4" Intermediate Spacers, Average 4" Wide, Direct Burial	24.14

26 05 33 13-1357 Conduit Field Bending *(26 05 33 13-0058)*

Note: Conduit tasks by LF include field bending up to and include 1" conduit.

26 05 33 13-1358 Metallic Conduit Field Bending *(26 05 33 13-1357)*

Note: For use with Rigid Galvanized Steel (RGS), Electrical Metallic Tubing (EMT), and Intermediate Metal Conduit (IMC).

26 05 33 13-1359	EA	1-1/4" Metallic Conduit Field Bending	21.48
		For Aluminum Conduit Bending, Add	*14.18*
26 05 33 13-1360	EA	1-1/2" Metallic Conduit Field Bending	26.85
		For Aluminum Conduit Bending, Add	*17.72*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1361	EA	2" Metallic Conduit Field Bending	33.57	
		For Aluminum Conduit Bending, Add	*22.16*	
26 05 33 13-1362	EA	2-1/2" Metallic Conduit Field Bending	46.98	
		For Aluminum Conduit Bending, Add	*31.01*	
26 05 33 13-1363	EA	3" Metallic Conduit Field Bending	60.41	
		For Aluminum Conduit Bending, Add	*39.87*	
26 05 33 13-1364	EA	3-1/2" Metallic Conduit Field Bending	80.55	
		For Aluminum Conduit Bending, Add	*53.16*	
26 05 33 13-1365	EA	4" Metallic Conduit Field Bending	93.98	
		For Aluminum Conduit Bending, Add	*62.03*	
26 05 33 13-1366	EA	5" Metallic Conduit Field Bending	107.40	
		For Aluminum Conduit Bending, Add	*70.88*	
26 05 33 13-1367	EA	6" Metallic Conduit Field Bending	127.54	
		For Aluminum Conduit Bending, Add	*84.18*	

26 05 33 13-1368 Plastic Conduit Field Bending *(26 05 33 13-1357)*

Note: For PVC conduits.

26 05 33 13-1369	EA	1" Plastic Conduit Field Bending	30.88	
26 05 33 13-1370	EA	1-1/4" Plastic Conduit Field Bending	33.57	
26 05 33 13-1371	EA	1-1/2" Plastic Conduit Field Bending	40.28	
26 05 33 13-1372	EA	2" Plastic Conduit Field Bending	53.70	
26 05 33 13-1373	EA	2-1/2" Plastic Conduit Field Bending	67.12	
26 05 33 13-1374	EA	3" Plastic Conduit Field Bending	80.55	
26 05 33 13-1375	EA	3-1/2" Plastic Conduit Field Bending	93.98	
26 05 33 13-1376	EA	4" Plastic Conduit Field Bending	107.40	
26 05 33 13-1377	EA	5" Plastic Conduit Field Bending	120.83	
26 05 33 13-1378	EA	6" Plastic Conduit Field Bending	134.25	

26 05 33 13-1379 Cut And Thread Existing In-Place Threaded Conduit *(26 05 33 13-0058)*

Note: For use when connecting conduit to an existing in-place system.

26 05 33 13-1380	EA	1/2", Cut And Thread Existing In-Place Threaded Conduit	39.35	
		For Work In Restricted Working Space, Add	*11.81*	
26 05 33 13-1381	EA	3/4", Cut And Thread Existing In-Place Threaded Conduit	43.28	
		For Work In Restricted Working Space, Add	*12.98*	
26 05 33 13-1382	EA	1", Cut And Thread Existing In-Place Threaded Conduit	47.22	
		For Work In Restricted Working Space, Add	*14.17*	
26 05 33 13-1383	EA	1-1/4", Cut And Thread Existing In-Place Threaded Conduit	51.15	
		For Work In Restricted Working Space, Add	*15.35*	
26 05 33 13-1384	EA	1-1/2", Cut And Thread Existing In-Place Threaded Conduit	53.77	
		For Work In Restricted Working Space, Add	*16.13*	
26 05 33 13-1385	EA	2", Cut And Thread Existing In-Place Threaded Conduit	56.40	
		For Work In Restricted Working Space, Add	*16.92*	
26 05 33 13-1386	EA	2-1/2", Cut And Thread Existing In-Place Threaded Conduit	59.02	
		For Work In Restricted Working Space, Add	*17.71*	
26 05 33 13-1387	EA	3", Cut And Thread Existing In-Place Threaded Conduit	61.65	
		For Work In Restricted Working Space, Add	*18.50*	
26 05 33 13-1388	EA	3-1/2", Cut And Thread Existing In-Place Threaded Conduit	62.95	
		For Work In Restricted Working Space, Add	*18.89*	
26 05 33 13-1389	EA	4", Cut And Thread Existing In-Place Threaded Conduit	64.27	
		For Work In Restricted Working Space, Add	*19.28*	
26 05 33 13-1390	EA	5", Cut And Thread Existing In-Place Threaded Conduit	66.89	
		For Work In Restricted Working Space, Add	*20.07*	
26 05 33 13-1391	EA	6", Cut And Thread Existing In-Place Threaded Conduit	69.52	
		For Work In Restricted Working Space, Add	*20.86*	

26 05 33 13-1392 Flexible Conduit *(26 05 33 13-0058)*

26 05 33 13-1393 Flexible Liquid Tight Metallic Conduit And Connectors *(26 05 33 13-1392)*

Note: Steel inner core with PVC cover.

26 05 33 13-1394 Flexible Liquid Tight Metallic Conduit *(26 05 33 13-1393)*

26 05 33 13-1395	LF	1/2" Flexible Liquid Tight Metallic Conduit	5.22	1.43
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.54*	
		For Work In Restricted Working Space, Add	*1.08*	
26 05 33 13-1396	LF	3/4" Flexible Liquid Tight Metallic Conduit	6.99	1.91
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.72*	
		For Work In Restricted Working Space, Add	*1.43*	
26 05 33 13-1397	LF	1" Flexible Liquid Tight Metallic Conduit	8.12	1.91
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.72*	
		For Work In Restricted Working Space, Add	*1.43*	
26 05 33 13-1398	LF	1-1/4" Flexible Liquid Tight Metallic Conduit	10.53	2.40
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.90*	
		For Work In Restricted Working Space, Add	*1.79*	
26 05 33 13-1399	LF	1-1/2" Flexible Liquid Tight Metallic Conduit	13.56	2.87
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.08*	
		For Work In Restricted Working Space, Add	*2.15*	
26 05 33 13-1400	LF	2" Flexible Liquid Tight Metallic Conduit	17.83	3.83
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.44*	
		For Work In Restricted Working Space, Add	*2.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1401	LF	2-1/2" Flexible Liquid Tight Metallic Conduit	24.41	4.31
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.62*	
		For Work In Restricted Working Space, Add	*3.23*	
26 05 33 13-1402	LF	3" Flexible Liquid Tight Metallic Conduit	36.10	5.26
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.97*	
		For Work In Restricted Working Space, Add	*3.95*	
26 05 33 13-1403	LF	4" Flexible Liquid Tight Metallic Conduit	49.50	6.70
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*2.51*	
		For Work In Restricted Working Space, Add	*5.03*	
26 05 33 13-1404		**Straight Liquid Tight Connector** *(26 05 33 13-1393)*		
26 05 33 13-1405	EA	1/2" Straight Liquid Tight Connector	13.62	3.83
		For Work In Restricted Working Space, Add	*2.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.87*	
26 05 33 13-1406	EA	3/4" Straight Liquid Tight Connector	16.57	4.31
		For Work In Restricted Working Space, Add	*3.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.23*	
26 05 33 13-1407	EA	1" Straight Liquid Tight Connector	22.32	4.78
		For Work In Restricted Working Space, Add	*3.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.59*	
26 05 33 13-1408	EA	1-1/4" Straight Liquid Tight Connector	28.80	5.26
		For Work In Restricted Working Space, Add	*3.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.95*	
26 05 33 13-1409	EA	1-1/2" Straight Liquid Tight Connector	36.67	5.74
		For Work In Restricted Working Space, Add	*4.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.31*	
26 05 33 13-1410	EA	2" Straight Liquid Tight Connector	50.75	6.70
		For Work In Restricted Working Space, Add	*5.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.03*	
26 05 33 13-1411	EA	2-1/2" Straight Liquid Tight Connector	175.90	8.61
		For Work In Restricted Working Space, Add	*6.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.46*	
26 05 33 13-1412	EA	3" Straight Liquid Tight Connector	227.15	9.09
		For Work In Restricted Working Space, Add	*6.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.82*	
26 05 33 13-1413	EA	4" Straight Liquid Tight Connector	277.63	13.40
		For Work In Restricted Working Space, Add	*10.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.05*	
26 05 33 13-1414		**90 Degree Angle Liquid Tight Connector** *(26 05 33 13-1393)*		
26 05 33 13-1415	EA	1/2" 90 Degree Angle Liquid Tight Connector	20.79	5.26
		For Work In Restricted Working Space, Add	*3.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.95*	
26 05 33 13-1416	EA	3/4" 90 Degree Angle Liquid Tight Connector	23.53	5.74
		For Work In Restricted Working Space, Add	*4.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.31*	
26 05 33 13-1417	EA	1" 90 Degree Angle Liquid Tight Connector	33.44	6.70
		For Work In Restricted Working Space, Add	*5.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.03*	
26 05 33 13-1418	EA	1-1/4" 90 Degree Angle Liquid Tight Connector	42.35	7.18
		For Work In Restricted Working Space, Add	*5.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.39*	
26 05 33 13-1419	EA	1-1/2" 90 Degree Angle Liquid Tight Connector	51.55	7.66
		For Work In Restricted Working Space, Add	*5.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.74*	
26 05 33 13-1420	EA	2" 90 Degree Angle Liquid Tight Connector	68.47	8.61
		For Work In Restricted Working Space, Add	*6.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.46*	
26 05 33 13-1421	EA	2-1/2" 90 Degree Angle Liquid Tight Connector	246.25	9.09
		For Work In Restricted Working Space, Add	*6.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.82*	
26 05 33 13-1422	EA	3" 90 Degree Angle Liquid Tight Connector	291.02	10.52
		For Work In Restricted Working Space, Add	*7.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-1423	EA	4" 90 Degree Angle Liquid Tight Connector	402.20	16.75
		For Work In Restricted Working Space, Add	*12.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.56*	
26 05 33 13-1424		**45 Degree Angle Connector** *(26 05 33 13-1393)*		
26 05 33 13-1425	EA	1/2" 45 Degree Angle Liquid Tight Connector	19.83	5.26
		For Work In Restricted Working Space, Add	*3.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.95*	
26 05 33 13-1426	EA	3/4" 45 Degree Angle Liquid Tight Connector	23.53	5.74
		For Work In Restricted Working Space, Add	*4.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.31*	
26 05 33 13-1427	EA	1" 45 Degree Angle Liquid Tight Connector	35.82	6.70
		For Work In Restricted Working Space, Add	*5.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.03*	
26 05 33 13-1428	EA	1-1/4" 45 Degree Angle Liquid Tight Connector	40.81	7.18
		For Work In Restricted Working Space, Add	*5.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1429	EA	1-1/2" 45 Degree Angle Liquid Tight Connector	45.80	7.66
		For Work In Restricted Working Space, Add	*5.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.74*	

26 05 33 13-1430 Flexible Metallic Conduit And Connectors *(26 05 33 13-1392)*

26 05 33 13-1431 Flexible Steel Conduit *(26 05 33 13-1430)*

26 05 33 13-1432	LF	1/2" Flexible Metallic Conduit	4.85	1.57
		For Installation In Metal Stud Wall, Add	*0.39*	
		For Flexible Aluminum Conduit, Add	*0.15*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.98*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.59*	
		For Work In Restricted Working Space, Add	*1.18*	
26 05 33 13-1433	LF	3/4" Flexible Metallic Conduit	5.51	2.09
		For Installation In Metal Stud Wall, Add	*0.43*	
		For Flexible Aluminum Conduit, Add	*0.21*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.07*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.64*	
		For Work In Restricted Working Space, Add	*1.28*	
26 05 33 13-1434	LF	1" Flexible Metallic Conduit	6.91	2.09
		For Installation In Metal Stud Wall, Add	*0.46*	
		For Flexible Aluminum Conduit, Add	*0.38*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.15*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.69*	
		For Work In Restricted Working Space, Add	*1.37*	
26 05 33 13-1435	LF	1-1/4" Flexible Metallic Conduit	7.89	2.62
		For Installation In Metal Stud Wall, Add	*0.49*	
		For Flexible Aluminum Conduit, Add	*0.50*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.21*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.73*	
		For Work In Restricted Working Space, Add	*1.46*	
26 05 33 13-1436	LF	1-1/2" Flexible Metallic Conduit	10.37	3.15
		For Installation In Metal Stud Wall, Add	*0.50*	
		For Flexible Aluminum Conduit, Add	*0.88*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.26*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.76*	
		For Work In Restricted Working Space, Add	*1.51*	
26 05 33 13-1437	LF	2" Flexible Metallic Conduit	11.78	4.19
		For Installation In Metal Stud Wall, Add	*0.52*	
		For Flexible Aluminum Conduit, Add	*1.08*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.31*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.79*	
		For Work In Restricted Working Space, Add	*1.57*	
26 05 33 13-1438	LF	2-1/2" Flexible Steel Conduit	14.45	4.71
		For Installation In Metal Stud Wall, Add	*0.65*	
		For Flexible Aluminum Conduit, Add	*1.31*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.64*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.98*	
		For Work In Restricted Working Space, Add	*1.96*	
26 05 33 13-1439	LF	3" Flexible Metallic Conduit	21.60	5.76
		For Installation In Metal Stud Wall, Add	*0.79*	
		For Flexible Aluminum Conduit, Add	*2.27*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.97*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.18*	
		For Work In Restricted Working Space, Add	*2.36*	
26 05 33 13-1440	LF	3-1/2" Flexible Metallic Conduit	26.49	6.28
		For Installation In Metal Stud Wall, Add	*0.92*	
		For Flexible Aluminum Conduit, Add	*2.86*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.29*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.38*	
		For Work In Restricted Working Space, Add	*2.75*	
26 05 33 13-1441	LF	4" Flexible Metallic Conduit	30.47	7.34
		For Installation In Metal Stud Wall, Add	*1.05*	
		For Flexible Aluminum Conduit, Add	*3.30*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.62*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.57*	
		For Work In Restricted Working Space, Add	*3.14*	

26 05 33 13-1442 Plain Squeeze Type Straight Connector *(26 05 33 13-1430)*

26 05 33 13-1443	EA	1/2" Flexible Straight Connectors, Plain	9.89	4.71
		For Work In Restricted Working Space, Add	*1.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.96*	
26 05 33 13-1444	EA	3/4" Flexible Straight Connectors, Plain	11.39	5.76
		For Work In Restricted Working Space, Add	*2.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.36*	
26 05 33 13-1445	EA	1" Flexible Straight Connectors, Plain	18.22	6.28
		For Work In Restricted Working Space, Add	*3.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.14*	
26 05 33 13-1446	EA	1-1/4" Flexible Straight Connectors, Plain	25.77	7.34
		For Work In Restricted Working Space, Add	*3.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.93*	
26 05 33 13-1447	EA	1-1/2" Flexible Straight Connectors, Plain	33.96	8.91
		For Work In Restricted Working Space, Add	*4.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1448	EA	2" Flexible Straight Connectors, Plain	44.66	8.91
		For Work In Restricted Working Space, Add	*5.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.89*	
26 05 33 13-1449	EA	2-1/2" Flexible Straight Connectors, Plain	72.07	11.00
		For Work In Restricted Working Space, Add	*6.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.88*	
26 05 33 13-1450	EA	3" Flexible Straight Connectors, Plain	94.33	12.04
		For Work In Restricted Working Space, Add	*7.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.86*	
26 05 33 13-1451	EA	3-1/2" Flexible Straight Connectors, Plain	293.01	14.14
		For Work In Restricted Working Space, Add	*8.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.84*	
26 05 33 13-1452	EA	4" Flexible Straight Connectors, Plain	366.14	17.29
		For Work In Restricted Working Space, Add	*9.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.82*	

26 05 33 13-1453 Insulated Throat Squeeze Type Straight Connector *(26 05 33 13-1430)*

26 05 33 13-1454	EA	1/2" Flexible Straight Connectors, Insulated	11.04	4.71
		For Work In Restricted Working Space, Add	*1.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.96*	
26 05 33 13-1455	EA	3/4" Flexible Straight Connectors, Insulated	12.90	5.76
		For Work In Restricted Working Space, Add	*2.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.36*	
26 05 33 13-1456	EA	1" Flexible Straight Connectors, Insulated	20.28	6.28
		For Work In Restricted Working Space, Add	*3.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.14*	
26 05 33 13-1457	EA	1-1/4" Flexible Straight Connectors, Insulated	29.55	7.34
		For Work In Restricted Working Space, Add	*3.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.93*	
26 05 33 13-1458	EA	1-1/2" Flexible Straight Connectors, Insulated	40.69	7.86
		For Work In Restricted Working Space, Add	*4.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.91*	
26 05 33 13-1459	EA	2" Flexible Straight Connectors, Insulated	56.54	8.91
		For Work In Restricted Working Space, Add	*5.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.89*	
26 05 33 13-1460	EA	2-1/2" Flexible Straight Connectors, Insulated	97.48	11.00
		For Work In Restricted Working Space, Add	*6.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.88*	
26 05 33 13-1461	EA	3" Flexible Straight Connectors, Insulated	124.29	12.04
		For Work In Restricted Working Space, Add	*7.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.86*	
26 05 33 13-1462	EA	3-1/2" Flexible Straight Connectors, Insulated	339.18	14.14
		For Work In Restricted Working Space, Add	*8.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.84*	
26 05 33 13-1463	EA	4" Flexible Straight Connectors, Insulated	435.57	17.29
		For Work In Restricted Working Space, Add	*9.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.82*	

26 05 33 13-1464 Plain Squeeze Type 90 Degree Connector *(26 05 33 13-1430)*

26 05 33 13-1465	EA	1/2" Flexible 90 Degree Connector, Plain	14.82	5.76
		For Work In Restricted Working Space, Add	*2.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.75*	
26 05 33 13-1466	EA	3/4" Flexible 90 Degree Connector, Plain	19.33	6.28
		For Work In Restricted Working Space, Add	*3.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.14*	
26 05 33 13-1467	EA	1" Flexible 90 Degree Connector, Plain	27.07	7.34
		For Work In Restricted Working Space, Add	*3.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.93*	
26 05 33 13-1468	EA	1-1/4" Flexible 90 Degree Connector, Plain	42.23	7.86
		For Work In Restricted Working Space, Add	*4.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.71*	
26 05 33 13-1469	EA	1-1/2" Flexible 90 Degree Connector, Plain	65.99	9.17
		For Work In Restricted Working Space, Add	*5.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.89*	
26 05 33 13-1470	EA	2" Flexible 90 Degree Connector, Plain	79.58	11.26
		For Work In Restricted Working Space, Add	*6.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	
26 05 33 13-1471	EA	2-1/2" Flexible 90 Degree Connector, Plain	175.58	12.04
		For Work In Restricted Working Space, Add	*7.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.86*	
26 05 33 13-1472	EA	3" Flexible 90 Degree Connector, Plain	225.59	14.14
		For Work In Restricted Working Space, Add	*8.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.84*	
26 05 33 13-1473	EA	3-1/2" Flexible 90 Degree Connector, Plain	478.74	17.29
		For Work In Restricted Working Space, Add	*9.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.82*	
26 05 33 13-1474	EA	4" Flexible 90 Degree Connector, Plain	855.42	19.64
		For Work In Restricted Working Space, Add	*11.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.79*	

26 05 33 13-1475 Insulated Throat Squeeze Type 90 Degree Connector *(26 05 33 13-1430)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1476	EA	1/2" Flexible 90 Degree Connector, Insulated	16.42	5.76
		For Work In Restricted Working Space, Add	*2.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.75*	
26 05 33 13-1477	EA	3/4" Flexible 90 Degree Connector, Insulated	21.30	6.28
		For Work In Restricted Working Space, Add	*3.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.14*	
26 05 33 13-1478	EA	1" Flexible 90 Degree Connector, Insulated	27.07	7.34
		For Work In Restricted Working Space, Add	*3.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.93*	
26 05 33 13-1479	EA	1-1/4" Flexible 90 Degree Connector, Insulated	49.24	7.86
		For Work In Restricted Working Space, Add	*4.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.71*	
26 05 33 13-1480	EA	1-1/2" Flexible 90 Degree Connector, Insulated	78.72	9.17
		For Work In Restricted Working Space, Add	*5.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.89*	
26 05 33 13-1481	EA	2" Flexible 90 Degree Connector, Insulated	100.28	11.26
		For Work In Restricted Working Space, Add	*6.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	
26 05 33 13-1482	EA	2-1/2" Flexible 90 Degree Connector, Insulated	240.28	12.04
		For Work In Restricted Working Space, Add	*7.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.86*	
26 05 33 13-1483	EA	3" Flexible 90 Degree Connector, Insulated	295.69	14.14
		For Work In Restricted Working Space, Add	*8.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.84*	
26 05 33 13-1484	EA	3-1/2" Flexible 90 Degree Connector, Insulated	796.45	17.29
		For Work In Restricted Working Space, Add	*9.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.82*	
26 05 33 13-1485	EA	4" Flexible 90 Degree Connector, Insulated	1,188.18	19.64
		For Work In Restricted Working Space, Add	*11.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.79*	

26 05 33 13-1486 Plain Squeeze Type 45 Degree Connector *(26 05 33 13-1430)*

26 05 33 13-1487	EA	3/8" Flexible 45 Degree Connector, Plain	12.53	5.24
		For Work In Restricted Working Space, Add	*2.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.36*	
26 05 33 13-1488	EA	1/2" Flexible 45 Degree Connector, Plain	16.89	5.76
		For Work In Restricted Working Space, Add	*2.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.75*	
26 05 33 13-1489	EA	3/4" Flexible 45 Degree Connector, Plain	21.64	6.28
		For Work In Restricted Working Space, Add	*3.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.14*	

26 05 33 13-1490 Insulated Squeeze Type 45 Degree Connector *(26 05 33 13-1430)*

26 05 33 13-1491	EA	3/8" Flexible 45 Degree Connector, Insulated	13.42	6.28
		For Work In Restricted Working Space, Add	*2.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.36*	
26 05 33 13-1492	EA	1/2" Flexible 45 Degree Connector, Insulated	18.35	5.76
		For Work In Restricted Working Space, Add	*2.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.75*	
26 05 33 13-1493	EA	3/4" Flexible 45 Degree Connector, Insulated	23.71	6.28
		For Work In Restricted Working Space, Add	*3.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.14*	

26 05 33 13-1494 Plain Screw-In Connector *(26 05 33 13-1430)*

26 05 33 13-1495	EA	3/8" Flexible Steel Screw-in Connector, Plain	6.67	4.19
		For Work In Restricted Working Space, Add	*1.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.77*	
26 05 33 13-1496	EA	1/2" Flexible Steel Screw-in Connector, Plain	7.19	4.71
		For Work In Restricted Working Space, Add	*1.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.96*	
26 05 33 13-1497	EA	3/4" Flexible Steel Screw-in Connector, Plain	9.17	5.76
		For Work In Restricted Working Space, Add	*2.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.36*	
26 05 33 13-1498	EA	1" Flexible Steel Screw-in Connector, Plain	13.12	6.28
		For Work In Restricted Working Space, Add	*3.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.14*	
26 05 33 13-1499	EA	1-1/4" Flexible Steel Screw-in Connector, Plain	19.28	7.34
		For Work In Restricted Working Space, Add	*3.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.93*	
26 05 33 13-1500	EA	1-1/2" Flexible Steel Screw-in Connector, Plain	23.57	7.86
		For Work In Restricted Working Space, Add	*4.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.91*	
26 05 33 13-1501	EA	2" Flexible Steel Screw-in Connector, Plain	34.58	8.91
		For Work In Restricted Working Space, Add	*5.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.89*	

26 05 33 13-1502 Insulated Screw-In Connector *(26 05 33 13-1430)*

26 05 33 13-1503	EA	3/8" Flexible Steel Screw-in Connector, Insulated	7.05	4.19
		For Work In Restricted Working Space, Add	*1.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1504	EA	1/2" Flexible Steel Screw-in Connector, Insulated	7.49	4.71
		For Work In Restricted Working Space, Add	*1.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.96*	
26 05 33 13-1505	EA	3/4" Flexible Steel Screw-in Connector, Insulated	9.96	5.76
		For Work In Restricted Working Space, Add	*2.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.36*	
26 05 33 13-1506	EA	1" Flexible Steel Screw-in Connector, Insulated	14.32	6.28
		For Work In Restricted Working Space, Add	*3.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.14*	
26 05 33 13-1507	EA	1-1/4" Flexible Steel Screw-in Connector, Insulated	20.98	7.34
		For Work In Restricted Working Space, Add	*3.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.93*	
26 05 33 13-1508	EA	1-1/2" Flexible Steel Screw-in Connector, Insulated	25.61	7.86
		For Work In Restricted Working Space, Add	*4.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.91*	
26 05 33 13-1509	EA	2" Flexible Steel Screw-in Connector, Insulated	36.38	8.91
		For Work In Restricted Working Space, Add	*5.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.89*	

26 05 33 13-1510 Screw-In Coupling *(26 05 33 13-1430)*

26 05 33 13-1511	EA	1/2" Flexible Steel Screw-in Coupling	7.94	4.71
		For Work In Restricted Working Space, Add	*1.96*	
26 05 33 13-1512	EA	3/4" Flexible Steel Screw-in Coupling	10.41	5.76
		For Work In Restricted Working Space, Add	*2.36*	

26 05 33 13-1513 Flexible To Electrical Metallic Tubing (EMT) Coupling *(26 05 33 13-1430)*

26 05 33 13-1514	EA	3/8" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling	10.64	4.19
		For Work In Restricted Working Space, Add	*1.77*	
26 05 33 13-1515	EA	1/2" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling	14.46	4.71
		For Work In Restricted Working Space, Add	*1.96*	
26 05 33 13-1516	EA	3/4" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling	19.12	5.76
		For Work In Restricted Working Space, Add	*2.36*	

26 05 33 13-1517 Die Cast Squeeze Type Straight Connector *(26 05 33 13-1430)*

26 05 33 13-1518	EA	3/8" Flexible Straight Connector, Die Cast	6.91	4.19
		For Work In Restricted Working Space, Add	*1.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.77*	
26 05 33 13-1519	EA	1/2" Flexible Straight Connector, Die Cast	7.81	4.71
		For Work In Restricted Working Space, Add	*1.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.96*	
26 05 33 13-1520	EA	3/4" Flexible Straight Connector, Die Cast	9.70	5.76
		For Work In Restricted Working Space, Add	*2.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.36*	
26 05 33 13-1521	EA	1" Flexible Straight Connector, Die Cast	14.59	6.28
		For Work In Restricted Working Space, Add	*3.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.14*	
26 05 33 13-1522	EA	1-1/4" Flexible Straight Connector, Die Cast	19.64	7.34
		For Work In Restricted Working Space, Add	*3.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.93*	
26 05 33 13-1523	EA	1-1/2" Flexible Straight Connector, Die Cast	26.64	7.86
		For Work In Restricted Working Space, Add	*4.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.91*	
26 05 33 13-1524	EA	2" Flexible Straight Connector, Die Cast	34.41	8.91
		For Work In Restricted Working Space, Add	*5.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.89*	

26 05 33 13-1525 Die Cast Squeeze Type 90 Degree Connector *(26 05 33 13-1430)*

26 05 33 13-1526	EA	3/8" Flexible 90 Degree Connector, Die Cast	9.16	5.24
		For Work In Restricted Working Space, Add	*2.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.36*	
26 05 33 13-1527	EA	1/2" Flexible 90 Degree Connector, Die Cast	11.35	5.76
		For Work In Restricted Working Space, Add	*2.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.75*	
26 05 33 13-1528	EA	3/4" Flexible 90 Degree Connector, Die Cast	13.76	6.28
		For Work In Restricted Working Space, Add	*3.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.14*	
26 05 33 13-1529	EA	1" Flexible 90 Degree Connector, Die Cast	21.77	7.34
		For Work In Restricted Working Space, Add	*3.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.93*	
26 05 33 13-1530	EA	1-1/4" Flexible 90 Degree Connector, Die Cast	30.85	7.86
		For Work In Restricted Working Space, Add	*4.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.71*	
26 05 33 13-1531	EA	1-1/2" Flexible 90 Degree Connector, Die Cast	47.89	9.17
		For Work In Restricted Working Space, Add	*5.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.89*	
26 05 33 13-1532	EA	2" Flexible 90 Degree Connector, Die Cast	57.26	11.26
		For Work In Restricted Working Space, Add	*6.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1533		Metallic Conduit Bodies *(26 05 33 13-0058)*		
26 05 33 13-1534		Threaded, Cast Aluminum Conduit Body *(26 05 33 13-1533)* Note: For use with Rigid Galvanized Steel (RGS), Galvanized Rigid Steel Conduit (GRC), Intermediate Metal Conduit (IMC), or Aluminum Rigid Conduit (ARC)		
26 05 33 13-1535		Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-1534)*		
26 05 33 13-1536	EA	1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	69.21	22.97
		For Mogul LB, Add	*5.96*	
		For Work In Restricted Working Space, Add	*17.23*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.74*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.49*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.36*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.10*	
		For Elevated Installation >30' To 35' Above Floor, Add	*22.98*	
		For Elevated Installation >35' To 40' Above Floor, Add	*28.72*	
		For Elevated Installation >40' Above Floor, Add	*31.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.23*	
26 05 33 13-1537	EA	3/4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	81.78	26.32
		For Mogul LB, Add	*8.70*	
		For Work In Restricted Working Space, Add	*19.74*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.58*	
		For Elevated Installation >15' To 20' Above Floor, Add	*13.16*	
		For Elevated Installation >20' To 25' Above Floor, Add	*16.45*	
		For Elevated Installation >25' To 30' Above Floor, Add	*23.03*	
		For Elevated Installation >30' To 35' Above Floor, Add	*26.32*	
		For Elevated Installation >35' To 40' Above Floor, Add	*32.90*	
		For Elevated Installation >40' Above Floor, Add	*36.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.74*	
26 05 33 13-1538	EA	1" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	99.33	30.63
		For Mogul LB, Add	*13.23*	
		For Work In Restricted Working Space, Add	*22.97*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.66*	
		For Elevated Installation >15' To 20' Above Floor, Add	*15.32*	
		For Elevated Installation >20' To 25' Above Floor, Add	*19.15*	
		For Elevated Installation >25' To 30' Above Floor, Add	*26.80*	
		For Elevated Installation >30' To 35' Above Floor, Add	*30.63*	
		For Elevated Installation >35' To 40' Above Floor, Add	*38.29*	
		For Elevated Installation >40' Above Floor, Add	*42.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.97*	
26 05 33 13-1539	EA	1-1/4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	121.32	34.94
		For Mogul LB, Add	*21.11*	
		For Work In Restricted Working Space, Add	*26.21*	
		For Elevated Installation >10' To 15' Above Floor, Add	*8.74*	
		For Elevated Installation >15' To 20' Above Floor, Add	*17.47*	
		For Elevated Installation >20' To 25' Above Floor, Add	*21.84*	
		For Elevated Installation >25' To 30' Above Floor, Add	*30.57*	
		For Elevated Installation >30' To 35' Above Floor, Add	*34.94*	
		For Elevated Installation >35' To 40' Above Floor, Add	*43.68*	
		For Elevated Installation >40' Above Floor, Add	*48.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.21*	
26 05 33 13-1540	EA	1-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	139.54	38.29
		For Mogul LB, Add	*28.08*	
		For Work In Restricted Working Space, Add	*28.72*	
		For Elevated Installation >10' To 15' Above Floor, Add	*9.57*	
		For Elevated Installation >15' To 20' Above Floor, Add	*19.14*	
		For Elevated Installation >20' To 25' Above Floor, Add	*23.93*	
		For Elevated Installation >25' To 30' Above Floor, Add	*33.50*	
		For Elevated Installation >30' To 35' Above Floor, Add	*38.29*	
		For Elevated Installation >35' To 40' Above Floor, Add	*47.86*	
		For Elevated Installation >40' Above Floor, Add	*52.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.72*	
26 05 33 13-1541	EA	2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	185.65	45.95
		For Mogul LB, Add	*47.34*	
		For Work In Restricted Working Space, Add	*34.46*	
		For Elevated Installation >10' To 15' Above Floor, Add	*11.49*	
		For Elevated Installation >15' To 20' Above Floor, Add	*22.97*	
		For Elevated Installation >20' To 25' Above Floor, Add	*28.72*	
		For Elevated Installation >25' To 30' Above Floor, Add	*40.20*	
		For Elevated Installation >30' To 35' Above Floor, Add	*45.95*	
		For Elevated Installation >35' To 40' Above Floor, Add	*57.44*	
		For Elevated Installation >40' Above Floor, Add	*63.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.46*	
26 05 33 13-1542	EA	2-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	318.19	64.61
		For Mogul LB, Add	*109.42*	
		For Work In Restricted Working Space, Add	*48.46*	
		For Elevated Installation >10' To 15' Above Floor, Add	*16.15*	
		For Elevated Installation >15' To 20' Above Floor, Add	*32.31*	
		For Elevated Installation >20' To 25' Above Floor, Add	*40.38*	
		For Elevated Installation >25' To 30' Above Floor, Add	*56.54*	
		For Elevated Installation >30' To 35' Above Floor, Add	*64.61*	
		For Elevated Installation >35' To 40' Above Floor, Add	*80.77*	
		For Elevated Installation >40' Above Floor, Add	*88.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1543	EA	3" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	417.65	86.15
		For Mogul LB, Add	*140.93*	
		For Work In Restricted Working Space, Add	*64.61*	
		For Elevated Installation >10' To 15' Above Floor, Add	*21.54*	
		For Elevated Installation >15' To 20' Above Floor, Add	*43.08*	
		For Elevated Installation >20' To 25' Above Floor, Add	*53.85*	
		For Elevated Installation >25' To 30' Above Floor, Add	*75.38*	
		For Elevated Installation >30' To 35' Above Floor, Add	*86.15*	
		For Elevated Installation >35' To 40' Above Floor, Add	*107.69*	
		For Elevated Installation >40' Above Floor, Add	*118.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.61*	
26 05 33 13-1544	EA	3-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	558.51	107.68
		For Mogul LB, Add	*203.51*	
		For Work In Restricted Working Space, Add	*80.77*	
		For Elevated Installation >10' To 15' Above Floor, Add	*26.92*	
		For Elevated Installation >15' To 20' Above Floor, Add	*53.84*	
		For Elevated Installation >20' To 25' Above Floor, Add	*67.31*	
		For Elevated Installation >25' To 30' Above Floor, Add	*94.23*	
		For Elevated Installation >30' To 35' Above Floor, Add	*107.69*	
		For Elevated Installation >35' To 40' Above Floor, Add	*134.61*	
		For Elevated Installation >40' Above Floor, Add	*148.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*80.77*	
26 05 33 13-1545	EA	4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	729.83	131.14
		For Mogul LB, Add	*285.09*	
		For Work In Restricted Working Space, Add	*98.36*	
		For Elevated Installation >10' To 15' Above Floor, Add	*32.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*65.57*	
		For Elevated Installation >20' To 25' Above Floor, Add	*81.96*	
		For Elevated Installation >25' To 30' Above Floor, Add	*114.75*	
		For Elevated Installation >30' To 35' Above Floor, Add	*131.14*	
		For Elevated Installation >35' To 40' Above Floor, Add	*163.93*	
		For Elevated Installation >40' Above Floor, Add	*180.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.36*	

26 05 33 13-1546 Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-1534)*

26 05 33 13-1547	EA	1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	70.64	22.97
		For Mogul LB, Add	*7.03*	
		For Work In Restricted Working Space, Add	*17.23*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.74*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.49*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.36*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.10*	
		For Elevated Installation >30' To 35' Above Floor, Add	*22.98*	
		For Elevated Installation >35' To 40' Above Floor, Add	*28.72*	
		For Elevated Installation >40' Above Floor, Add	*31.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.23*	
26 05 33 13-1548	EA	3/4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	83.18	26.32
		For Mogul LB, Add	*9.75*	
		For Work In Restricted Working Space, Add	*19.74*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.58*	
		For Elevated Installation >15' To 20' Above Floor, Add	*13.16*	
		For Elevated Installation >20' To 25' Above Floor, Add	*16.45*	
		For Elevated Installation >25' To 30' Above Floor, Add	*23.03*	
		For Elevated Installation >30' To 35' Above Floor, Add	*26.32*	
		For Elevated Installation >35' To 40' Above Floor, Add	*32.90*	
		For Elevated Installation >40' Above Floor, Add	*36.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.74*	
26 05 33 13-1549	EA	1" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	102.14	30.63
		For Mogul LB, Add	*15.34*	
		For Work In Restricted Working Space, Add	*22.97*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.66*	
		For Elevated Installation >15' To 20' Above Floor, Add	*15.32*	
		For Elevated Installation >20' To 25' Above Floor, Add	*19.15*	
		For Elevated Installation >25' To 30' Above Floor, Add	*26.80*	
		For Elevated Installation >30' To 35' Above Floor, Add	*30.63*	
		For Elevated Installation >35' To 40' Above Floor, Add	*38.29*	
		For Elevated Installation >40' Above Floor, Add	*42.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.97*	
26 05 33 13-1550	EA	1-1/4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	124.75	34.94
		For Mogul LB, Add	*23.68*	
		For Work In Restricted Working Space, Add	*26.21*	
		For Elevated Installation >10' To 15' Above Floor, Add	*8.74*	
		For Elevated Installation >15' To 20' Above Floor, Add	*17.47*	
		For Elevated Installation >20' To 25' Above Floor, Add	*21.84*	
		For Elevated Installation >25' To 30' Above Floor, Add	*30.57*	
		For Elevated Installation >30' To 35' Above Floor, Add	*34.94*	
		For Elevated Installation >35' To 40' Above Floor, Add	*43.68*	
		For Elevated Installation >40' Above Floor, Add	*48.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1551	EA	1-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	145.38	38.29
		For Mogul LB, Add	*32.46*	
		For Work In Restricted Working Space, Add	*28.72*	
		For Elevated Installation >10' To 15' Above Floor, Add	*9.57*	
		For Elevated Installation >15' To 20' Above Floor, Add	*19.14*	
		For Elevated Installation >20' To 25' Above Floor, Add	*23.93*	
		For Elevated Installation >25' To 30' Above Floor, Add	*33.50*	
		For Elevated Installation >30' To 35' Above Floor, Add	*38.29*	
		For Elevated Installation >35' To 40' Above Floor, Add	*47.86*	
		For Elevated Installation >40' Above Floor, Add	*52.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.72*	
26 05 33 13-1552	EA	2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	198.17	45.95
		For Mogul LB, Add	*56.73*	
		For Work In Restricted Working Space, Add	*34.46*	
		For Elevated Installation >10' To 15' Above Floor, Add	*11.49*	
		For Elevated Installation >15' To 20' Above Floor, Add	*22.97*	
		For Elevated Installation >20' To 25' Above Floor, Add	*28.72*	
		For Elevated Installation >25' To 30' Above Floor, Add	*40.20*	
		For Elevated Installation >30' To 35' Above Floor, Add	*45.95*	
		For Elevated Installation >35' To 40' Above Floor, Add	*57.44*	
		For Elevated Installation >40' Above Floor, Add	*63.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.46*	
26 05 33 13-1553	EA	2-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	311.88	64.61
		For Mogul LB, Add	*104.69*	
		For Work In Restricted Working Space, Add	*48.46*	
		For Elevated Installation >10' To 15' Above Floor, Add	*16.15*	
		For Elevated Installation >15' To 20' Above Floor, Add	*32.31*	
		For Elevated Installation >20' To 25' Above Floor, Add	*40.38*	
		For Elevated Installation >25' To 30' Above Floor, Add	*56.54*	
		For Elevated Installation >30' To 35' Above Floor, Add	*64.61*	
		For Elevated Installation >35' To 40' Above Floor, Add	*80.77*	
		For Elevated Installation >40' Above Floor, Add	*88.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.46*	
26 05 33 13-1554	EA	3" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	396.42	86.15
		For Mogul LB, Add	*125.01*	
		For Work In Restricted Working Space, Add	*64.61*	
		For Elevated Installation >10' To 15' Above Floor, Add	*21.54*	
		For Elevated Installation >15' To 20' Above Floor, Add	*43.08*	
		For Elevated Installation >20' To 25' Above Floor, Add	*53.85*	
		For Elevated Installation >25' To 30' Above Floor, Add	*75.38*	
		For Elevated Installation >30' To 35' Above Floor, Add	*86.15*	
		For Elevated Installation >35' To 40' Above Floor, Add	*107.69*	
		For Elevated Installation >40' Above Floor, Add	*118.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.61*	
26 05 33 13-1555	EA	3-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	576.60	107.68
		For Mogul LB, Add	*217.07*	
		For Work In Restricted Working Space, Add	*80.77*	
		For Elevated Installation >10' To 15' Above Floor, Add	*26.92*	
		For Elevated Installation >15' To 20' Above Floor, Add	*53.84*	
		For Elevated Installation >20' To 25' Above Floor, Add	*67.31*	
		For Elevated Installation >25' To 30' Above Floor, Add	*94.23*	
		For Elevated Installation >30' To 35' Above Floor, Add	*107.69*	
		For Elevated Installation >35' To 40' Above Floor, Add	*134.61*	
		For Elevated Installation >40' Above Floor, Add	*148.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*80.77*	
26 05 33 13-1556	EA	4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	766.82	131.14
		For Mogul LB, Add	*312.84*	
		For Work In Restricted Working Space, Add	*98.36*	
		For Elevated Installation >10' To 15' Above Floor, Add	*32.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*65.57*	
		For Elevated Installation >20' To 25' Above Floor, Add	*81.96*	
		For Elevated Installation >25' To 30' Above Floor, Add	*114.75*	
		For Elevated Installation >30' To 35' Above Floor, Add	*131.14*	
		For Elevated Installation >35' To 40' Above Floor, Add	*163.93*	
		For Elevated Installation >40' Above Floor, Add	*180.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.36*	
26 05 33 13-1557		Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-1534)*		
26 05 33 13-1558	EA	1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	81.40	26.32
		For Work In Restricted Working Space, Add	*19.74*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.58*	
		For Elevated Installation >15' To 20' Above Floor, Add	*13.16*	
		For Elevated Installation >20' To 25' Above Floor, Add	*16.45*	
		For Elevated Installation >25' To 30' Above Floor, Add	*23.03*	
		For Elevated Installation >30' To 35' Above Floor, Add	*26.32*	
		For Elevated Installation >35' To 40' Above Floor, Add	*32.90*	
		For Elevated Installation >40' Above Floor, Add	*36.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1559	EA	3/4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	96.67	30.63
		For Work In Restricted Working Space, Add	*22.97*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.66*	
		For Elevated Installation >15' To 20' Above Floor, Add	*15.32*	
		For Elevated Installation >20' To 25' Above Floor, Add	*19.15*	
		For Elevated Installation >25' To 30' Above Floor, Add	*26.80*	
		For Elevated Installation >30' To 35' Above Floor, Add	*30.63*	
		For Elevated Installation >35' To 40' Above Floor, Add	*38.29*	
		For Elevated Installation >40' Above Floor, Add	*42.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.97*	
26 05 33 13-1560	EA	1" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	112.19	33.50
		For Work In Restricted Working Space, Add	*25.13*	
		For Elevated Installation >10' To 15' Above Floor, Add	*8.38*	
		For Elevated Installation >15' To 20' Above Floor, Add	*16.75*	
		For Elevated Installation >20' To 25' Above Floor, Add	*20.94*	
		For Elevated Installation >25' To 30' Above Floor, Add	*29.32*	
		For Elevated Installation >30' To 35' Above Floor, Add	*33.50*	
		For Elevated Installation >35' To 40' Above Floor, Add	*41.88*	
		For Elevated Installation >40' Above Floor, Add	*46.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.13*	
26 05 33 13-1561	EA	1-1/4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	138.81	38.29
		For Work In Restricted Working Space, Add	*28.72*	
		For Elevated Installation >10' To 15' Above Floor, Add	*9.57*	
		For Elevated Installation >15' To 20' Above Floor, Add	*19.14*	
		For Elevated Installation >20' To 25' Above Floor, Add	*23.93*	
		For Elevated Installation >25' To 30' Above Floor, Add	*33.50*	
		For Elevated Installation >30' To 35' Above Floor, Add	*38.29*	
		For Elevated Installation >35' To 40' Above Floor, Add	*47.86*	
		For Elevated Installation >40' Above Floor, Add	*52.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.72*	
26 05 33 13-1562	EA	1-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	161.30	42.12
		For Work In Restricted Working Space, Add	*31.59*	
		For Elevated Installation >10' To 15' Above Floor, Add	*10.53*	
		For Elevated Installation >15' To 20' Above Floor, Add	*21.06*	
		For Elevated Installation >20' To 25' Above Floor, Add	*26.33*	
		For Elevated Installation >25' To 30' Above Floor, Add	*36.86*	
		For Elevated Installation >30' To 35' Above Floor, Add	*42.12*	
		For Elevated Installation >35' To 40' Above Floor, Add	*52.65*	
		For Elevated Installation >40' Above Floor, Add	*57.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.59*	
26 05 33 13-1563	EA	2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	219.02	49.30
		For Work In Restricted Working Space, Add	*36.97*	
		For Elevated Installation >10' To 15' Above Floor, Add	*12.32*	
		For Elevated Installation >15' To 20' Above Floor, Add	*24.65*	
		For Elevated Installation >20' To 25' Above Floor, Add	*30.81*	
		For Elevated Installation >25' To 30' Above Floor, Add	*43.13*	
		For Elevated Installation >30' To 35' Above Floor, Add	*49.30*	
		For Elevated Installation >35' To 40' Above Floor, Add	*61.62*	
		For Elevated Installation >40' Above Floor, Add	*67.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.97*	
26 05 33 13-1564	EA	2-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	348.72	71.79
		For Work In Restricted Working Space, Add	*53.84*	
		For Elevated Installation >10' To 15' Above Floor, Add	*17.95*	
		For Elevated Installation >15' To 20' Above Floor, Add	*35.90*	
		For Elevated Installation >20' To 25' Above Floor, Add	*44.87*	
		For Elevated Installation >25' To 30' Above Floor, Add	*62.82*	
		For Elevated Installation >30' To 35' Above Floor, Add	*71.79*	
		For Elevated Installation >35' To 40' Above Floor, Add	*89.74*	
		For Elevated Installation >40' Above Floor, Add	*98.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.84*	
26 05 33 13-1565	EA	3" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	450.27	93.33
		For Work In Restricted Working Space, Add	*70.00*	
		For Elevated Installation >10' To 15' Above Floor, Add	*23.33*	
		For Elevated Installation >15' To 20' Above Floor, Add	*46.66*	
		For Elevated Installation >20' To 25' Above Floor, Add	*58.33*	
		For Elevated Installation >25' To 30' Above Floor, Add	*81.66*	
		For Elevated Installation >30' To 35' Above Floor, Add	*93.33*	
		For Elevated Installation >35' To 40' Above Floor, Add	*116.66*	
		For Elevated Installation >40' Above Floor, Add	*128.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.00*	
26 05 33 13-1566	EA	3-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	737.76	114.87
		For Work In Restricted Working Space, Add	*86.15*	
		For Elevated Installation >10' To 15' Above Floor, Add	*28.72*	
		For Elevated Installation >15' To 20' Above Floor, Add	*57.43*	
		For Elevated Installation >20' To 25' Above Floor, Add	*71.79*	
		For Elevated Installation >25' To 30' Above Floor, Add	*100.51*	
		For Elevated Installation >30' To 35' Above Floor, Add	*114.86*	
		For Elevated Installation >35' To 40' Above Floor, Add	*143.58*	
		For Elevated Installation >40' Above Floor, Add	*157.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1567	EA	4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	841.92	138.32
		For Work In Restricted Working Space, Add	*103.74*	
		For Elevated Installation >10' To 15' Above Floor, Add	*34.58*	
		For Elevated Installation >15' To 20' Above Floor, Add	*69.16*	
		For Elevated Installation >20' To 25' Above Floor, Add	*86.45*	
		For Elevated Installation >25' To 30' Above Floor, Add	*121.03*	
		For Elevated Installation >30' To 35' Above Floor, Add	*138.32*	
		For Elevated Installation >35' To 40' Above Floor, Add	*172.90*	
		For Elevated Installation >40' Above Floor, Add	*190.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*103.74*	
26 05 33 13-1568		**RGS Type C Conduit Bodies With Cover** *(26 05 33 13-1534)*		
26 05 33 13-1569	EA	1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	70.93	22.97
		For Work In Restricted Working Space, Add	*17.23*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.74*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.49*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.36*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.10*	
		For Elevated Installation >30' To 35' Above Floor, Add	*22.98*	
		For Elevated Installation >35' To 40' Above Floor, Add	*28.72*	
		For Elevated Installation >40' Above Floor, Add	*31.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.23*	
26 05 33 13-1570	EA	3/4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	82.19	26.32
		For Work In Restricted Working Space, Add	*19.74*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.58*	
		For Elevated Installation >15' To 20' Above Floor, Add	*13.16*	
		For Elevated Installation >20' To 25' Above Floor, Add	*16.45*	
		For Elevated Installation >25' To 30' Above Floor, Add	*23.03*	
		For Elevated Installation >30' To 35' Above Floor, Add	*26.32*	
		For Elevated Installation >35' To 40' Above Floor, Add	*32.90*	
		For Elevated Installation >40' Above Floor, Add	*36.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.74*	
26 05 33 13-1571	EA	1" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	99.80	30.15
		For Work In Restricted Working Space, Add	*22.61*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.54*	
		For Elevated Installation >15' To 20' Above Floor, Add	*15.08*	
		For Elevated Installation >20' To 25' Above Floor, Add	*18.85*	
		For Elevated Installation >25' To 30' Above Floor, Add	*26.38*	
		For Elevated Installation >30' To 35' Above Floor, Add	*30.15*	
		For Elevated Installation >35' To 40' Above Floor, Add	*37.69*	
		For Elevated Installation >40' Above Floor, Add	*41.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.61*	
26 05 33 13-1572	EA	1-1/4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	123.38	34.94
		For Work In Restricted Working Space, Add	*26.21*	
		For Elevated Installation >10' To 15' Above Floor, Add	*8.74*	
		For Elevated Installation >15' To 20' Above Floor, Add	*17.47*	
		For Elevated Installation >20' To 25' Above Floor, Add	*21.84*	
		For Elevated Installation >25' To 30' Above Floor, Add	*30.57*	
		For Elevated Installation >30' To 35' Above Floor, Add	*34.94*	
		For Elevated Installation >35' To 40' Above Floor, Add	*43.68*	
		For Elevated Installation >40' Above Floor, Add	*48.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.21*	
26 05 33 13-1573	EA	1-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	138.59	38.29
		For Work In Restricted Working Space, Add	*28.72*	
		For Elevated Installation >10' To 15' Above Floor, Add	*9.57*	
		For Elevated Installation >15' To 20' Above Floor, Add	*19.14*	
		For Elevated Installation >20' To 25' Above Floor, Add	*23.93*	
		For Elevated Installation >25' To 30' Above Floor, Add	*33.50*	
		For Elevated Installation >30' To 35' Above Floor, Add	*38.29*	
		For Elevated Installation >35' To 40' Above Floor, Add	*47.86*	
		For Elevated Installation >40' Above Floor, Add	*52.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.72*	
26 05 33 13-1574	EA	2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	185.76	45.95
		For Work In Restricted Working Space, Add	*34.46*	
		For Elevated Installation >10' To 15' Above Floor, Add	*11.49*	
		For Elevated Installation >15' To 20' Above Floor, Add	*22.97*	
		For Elevated Installation >20' To 25' Above Floor, Add	*28.72*	
		For Elevated Installation >25' To 30' Above Floor, Add	*40.20*	
		For Elevated Installation >30' To 35' Above Floor, Add	*45.95*	
		For Elevated Installation >35' To 40' Above Floor, Add	*57.44*	
		For Elevated Installation >40' Above Floor, Add	*63.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.46*	
26 05 33 13-1575	EA	2-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	306.56	64.61
		For Work In Restricted Working Space, Add	*48.46*	
		For Elevated Installation >10' To 15' Above Floor, Add	*16.15*	
		For Elevated Installation >15' To 20' Above Floor, Add	*32.31*	
		For Elevated Installation >20' To 25' Above Floor, Add	*40.38*	
		For Elevated Installation >25' To 30' Above Floor, Add	*56.54*	
		For Elevated Installation >30' To 35' Above Floor, Add	*64.61*	
		For Elevated Installation >35' To 40' Above Floor, Add	*80.77*	
		For Elevated Installation >40' Above Floor, Add	*88.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1576	EA	3" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	393.03	86.15
		For Work In Restricted Working Space, Add	*64.61*	
		For Elevated Installation >10' To 15' Above Floor, Add	*21.54*	
		For Elevated Installation >15' To 20' Above Floor, Add	*43.08*	
		For Elevated Installation >20' To 25' Above Floor, Add	*53.85*	
		For Elevated Installation >25' To 30' Above Floor, Add	*75.38*	
		For Elevated Installation >30' To 35' Above Floor, Add	*86.15*	
		For Elevated Installation >35' To 40' Above Floor, Add	*107.69*	
		For Elevated Installation >40' Above Floor, Add	*118.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.61*	
26 05 33 13-1577	EA	3-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	565.72	107.68
		For Work In Restricted Working Space, Add	*80.77*	
		For Elevated Installation >10' To 15' Above Floor, Add	*26.92*	
		For Elevated Installation >15' To 20' Above Floor, Add	*53.84*	
		For Elevated Installation >20' To 25' Above Floor, Add	*67.31*	
		For Elevated Installation >25' To 30' Above Floor, Add	*94.23*	
		For Elevated Installation >30' To 35' Above Floor, Add	*107.69*	
		For Elevated Installation >35' To 40' Above Floor, Add	*134.61*	
		For Elevated Installation >40' Above Floor, Add	*148.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*80.77*	
26 05 33 13-1578	EA	4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	733.23	131.14
		For Work In Restricted Working Space, Add	*98.36*	
		For Elevated Installation >10' To 15' Above Floor, Add	*32.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*65.57*	
		For Elevated Installation >20' To 25' Above Floor, Add	*81.96*	
		For Elevated Installation >25' To 30' Above Floor, Add	*114.75*	
		For Elevated Installation >30' To 35' Above Floor, Add	*131.14*	
		For Elevated Installation >35' To 40' Above Floor, Add	*163.93*	
		For Elevated Installation >40' Above Floor, Add	*180.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.36*	
26 05 33 13-1579		**Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover** *(26 05 33 13-1534)*		
26 05 33 13-1580	EA	1/2"Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	94.53	30.15
		For Work In Restricted Working Space, Add	*22.61*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.54*	
		For Elevated Installation >15' To 20' Above Floor, Add	*15.08*	
		For Elevated Installation >20' To 25' Above Floor, Add	*18.85*	
		For Elevated Installation >25' To 30' Above Floor, Add	*26.38*	
		For Elevated Installation >30' To 35' Above Floor, Add	*30.15*	
		For Elevated Installation >35' To 40' Above Floor, Add	*37.69*	
		For Elevated Installation >40' Above Floor, Add	*41.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.61*	
26 05 33 13-1581	EA	3/4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	109.66	33.50
		For Work In Restricted Working Space, Add	*25.13*	
		For Elevated Installation >10' To 15' Above Floor, Add	*8.38*	
		For Elevated Installation >15' To 20' Above Floor, Add	*16.75*	
		For Elevated Installation >20' To 25' Above Floor, Add	*20.94*	
		For Elevated Installation >25' To 30' Above Floor, Add	*29.32*	
		For Elevated Installation >30' To 35' Above Floor, Add	*33.50*	
		For Elevated Installation >35' To 40' Above Floor, Add	*41.88*	
		For Elevated Installation >40' Above Floor, Add	*46.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.13*	
26 05 33 13-1582	EA	1" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	135.96	36.86
		For Work In Restricted Working Space, Add	*27.64*	
		For Elevated Installation >10' To 15' Above Floor, Add	*9.21*	
		For Elevated Installation >15' To 20' Above Floor, Add	*18.43*	
		For Elevated Installation >20' To 25' Above Floor, Add	*23.04*	
		For Elevated Installation >25' To 30' Above Floor, Add	*32.25*	
		For Elevated Installation >30' To 35' Above Floor, Add	*36.86*	
		For Elevated Installation >35' To 40' Above Floor, Add	*46.07*	
		For Elevated Installation >40' Above Floor, Add	*50.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.64*	
26 05 33 13-1583	EA	1-1/4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	156.90	42.12
		For Work In Restricted Working Space, Add	*31.59*	
		For Elevated Installation >10' To 15' Above Floor, Add	*10.53*	
		For Elevated Installation >15' To 20' Above Floor, Add	*21.06*	
		For Elevated Installation >20' To 25' Above Floor, Add	*26.33*	
		For Elevated Installation >25' To 30' Above Floor, Add	*36.86*	
		For Elevated Installation >30' To 35' Above Floor, Add	*42.12*	
		For Elevated Installation >35' To 40' Above Floor, Add	*52.65*	
		For Elevated Installation >40' Above Floor, Add	*57.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.59*	
26 05 33 13-1584	EA	1-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	205.25	45.95
		For Work In Restricted Working Space, Add	*34.46*	
		For Elevated Installation >10' To 15' Above Floor, Add	*11.49*	
		For Elevated Installation >15' To 20' Above Floor, Add	*22.97*	
		For Elevated Installation >20' To 25' Above Floor, Add	*28.72*	
		For Elevated Installation >25' To 30' Above Floor, Add	*40.20*	
		For Elevated Installation >30' To 35' Above Floor, Add	*45.95*	
		For Elevated Installation >35' To 40' Above Floor, Add	*57.44*	
		For Elevated Installation >40' Above Floor, Add	*63.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1585	EA	2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	247.77	56.47
		For Work In Restricted Working Space, Add	*42.36*	
		For Elevated Installation >10' To 15' Above Floor, Add	*14.12*	
		For Elevated Installation >15' To 20' Above Floor, Add	*28.24*	
		For Elevated Installation >20' To 25' Above Floor, Add	*35.30*	
		For Elevated Installation >25' To 30' Above Floor, Add	*49.42*	
		For Elevated Installation >30' To 35' Above Floor, Add	*56.48*	
		For Elevated Installation >35' To 40' Above Floor, Add	*70.60*	
		For Elevated Installation >40' Above Floor, Add	*77.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.36*	
26 05 33 13-1586	EA	2-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	471.43	82.79
		For Work In Restricted Working Space, Add	*62.10*	
		For Elevated Installation >10' To 15' Above Floor, Add	*20.70*	
		For Elevated Installation >15' To 20' Above Floor, Add	*41.40*	
		For Elevated Installation >20' To 25' Above Floor, Add	*51.75*	
		For Elevated Installation >25' To 30' Above Floor, Add	*72.45*	
		For Elevated Installation >30' To 35' Above Floor, Add	*82.80*	
		For Elevated Installation >35' To 40' Above Floor, Add	*103.50*	
		For Elevated Installation >40' Above Floor, Add	*113.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.10*	
26 05 33 13-1587	EA	3" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	578.99	107.68
		For Work In Restricted Working Space, Add	*80.77*	
		For Elevated Installation >10' To 15' Above Floor, Add	*26.92*	
		For Elevated Installation >15' To 20' Above Floor, Add	*53.84*	
		For Elevated Installation >20' To 25' Above Floor, Add	*67.31*	
		For Elevated Installation >25' To 30' Above Floor, Add	*94.23*	
		For Elevated Installation >30' To 35' Above Floor, Add	*107.69*	
		For Elevated Installation >35' To 40' Above Floor, Add	*134.61*	
		For Elevated Installation >40' Above Floor, Add	*148.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*80.77*	
26 05 33 13-1588	EA	3-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	834.62	133.05
		For Work In Restricted Working Space, Add	*100.51*	
		For Elevated Installation >10' To 15' Above Floor, Add	*33.50*	
		For Elevated Installation >15' To 20' Above Floor, Add	*67.01*	
		For Elevated Installation >20' To 25' Above Floor, Add	*83.76*	
		For Elevated Installation >25' To 30' Above Floor, Add	*117.26*	
		For Elevated Installation >30' To 35' Above Floor, Add	*134.01*	
		For Elevated Installation >35' To 40' Above Floor, Add	*167.52*	
		For Elevated Installation >40' Above Floor, Add	*184.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*100.51*	
26 05 33 13-1589	EA	4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	1,009.11	159.86
		For Work In Restricted Working Space, Add	*119.89*	
		For Elevated Installation >10' To 15' Above Floor, Add	*39.96*	
		For Elevated Installation >15' To 20' Above Floor, Add	*79.93*	
		For Elevated Installation >20' To 25' Above Floor, Add	*99.91*	
		For Elevated Installation >25' To 30' Above Floor, Add	*139.87*	
		For Elevated Installation >30' To 35' Above Floor, Add	*159.86*	
		For Elevated Installation >35' To 40' Above Floor, Add	*199.82*	
		For Elevated Installation >40' Above Floor, Add	*219.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*119.89*	

26 05 33 13-1590 Threaded, Malleable Iron Conduit Body *(26 05 33 13-1533)*

Note: For use with Rigid Galvanized Steel (RGS), Galvanized Rigid Steel Conduit (GRC), or Intermediate Metal Conduit (IMC)

26 05 33 13-1591 Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-1590)*

26 05 33 13-1592	EA	1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	73.21	22.97
		For Elevated Installation >10' To 15' Above Floor, Add	*5.74*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.49*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.36*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.10*	
		For Elevated Installation >30' To 35' Above Floor, Add	*22.98*	
		For Elevated Installation >35' To 40' Above Floor, Add	*28.72*	
		For Elevated Installation >40' Above Floor, Add	*31.59*	
		For Work In Restricted Working Space, Add	*17.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.23*	
26 05 33 13-1593	EA	3/4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	85.14	26.32
		For Elevated Installation >10' To 15' Above Floor, Add	*6.58*	
		For Elevated Installation >15' To 20' Above Floor, Add	*13.16*	
		For Elevated Installation >20' To 25' Above Floor, Add	*16.45*	
		For Elevated Installation >25' To 30' Above Floor, Add	*23.03*	
		For Elevated Installation >30' To 35' Above Floor, Add	*26.32*	
		For Elevated Installation >35' To 40' Above Floor, Add	*32.90*	
		For Elevated Installation >40' Above Floor, Add	*36.19*	
		For Work In Restricted Working Space, Add	*19.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.74*	
26 05 33 13-1594	EA	1" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	105.40	30.63
		For Elevated Installation >10' To 15' Above Floor, Add	*7.66*	
		For Elevated Installation >15' To 20' Above Floor, Add	*15.32*	
		For Elevated Installation >20' To 25' Above Floor, Add	*19.15*	
		For Elevated Installation >25' To 30' Above Floor, Add	*26.80*	
		For Elevated Installation >30' To 35' Above Floor, Add	*30.63*	
		For Elevated Installation >35' To 40' Above Floor, Add	*38.29*	
		For Elevated Installation >40' Above Floor, Add	*42.12*	
		For Work In Restricted Working Space, Add	*22.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1595	EA	1-1/4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	139.05	34.94
		For Elevated Installation >10' To 15' Above Floor, Add	*8.74*	
		For Elevated Installation >15' To 20' Above Floor, Add	*17.47*	
		For Elevated Installation >20' To 25' Above Floor, Add	*21.84*	
		For Elevated Installation >25' To 30' Above Floor, Add	*30.57*	
		For Elevated Installation >30' To 35' Above Floor, Add	*34.94*	
		For Elevated Installation >35' To 40' Above Floor, Add	*43.68*	
		For Elevated Installation >40' Above Floor, Add	*48.04*	
		For Work In Restricted Working Space, Add	*26.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.21*	
26 05 33 13-1596	EA	1-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	159.14	38.29
		For Elevated Installation >10' To 15' Above Floor, Add	*9.57*	
		For Elevated Installation >15' To 20' Above Floor, Add	*19.14*	
		For Elevated Installation >20' To 25' Above Floor, Add	*23.93*	
		For Elevated Installation >25' To 30' Above Floor, Add	*33.50*	
		For Elevated Installation >30' To 35' Above Floor, Add	*38.29*	
		For Elevated Installation >35' To 40' Above Floor, Add	*47.86*	
		For Elevated Installation >40' Above Floor, Add	*52.65*	
		For Work In Restricted Working Space, Add	*28.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.72*	
26 05 33 13-1597	EA	2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	221.00	45.95
		For Elevated Installation >10' To 15' Above Floor, Add	*11.49*	
		For Elevated Installation >15' To 20' Above Floor, Add	*22.97*	
		For Elevated Installation >20' To 25' Above Floor, Add	*28.72*	
		For Elevated Installation >25' To 30' Above Floor, Add	*40.20*	
		For Elevated Installation >30' To 35' Above Floor, Add	*45.95*	
		For Elevated Installation >35' To 40' Above Floor, Add	*57.44*	
		For Elevated Installation >40' Above Floor, Add	*63.18*	
		For Work In Restricted Working Space, Add	*34.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.46*	
26 05 33 13-1598	EA	2-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	378.78	64.61
		For Elevated Installation >10' To 15' Above Floor, Add	*16.15*	
		For Elevated Installation >15' To 20' Above Floor, Add	*32.31*	
		For Elevated Installation >20' To 25' Above Floor, Add	*40.39*	
		For Elevated Installation >25' To 30' Above Floor, Add	*56.54*	
		For Elevated Installation >30' To 35' Above Floor, Add	*64.62*	
		For Elevated Installation >35' To 40' Above Floor, Add	*80.77*	
		For Elevated Installation >40' Above Floor, Add	*88.85*	
		For Work In Restricted Working Space, Add	*48.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.46*	
26 05 33 13-1599	EA	3" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	539.46	86.15
		For Elevated Installation >10' To 15' Above Floor, Add	*21.54*	
		For Elevated Installation >15' To 20' Above Floor, Add	*43.08*	
		For Elevated Installation >20' To 25' Above Floor, Add	*53.85*	
		For Elevated Installation >25' To 30' Above Floor, Add	*75.39*	
		For Elevated Installation >30' To 35' Above Floor, Add	*86.16*	
		For Elevated Installation >35' To 40' Above Floor, Add	*107.70*	
		For Elevated Installation >40' Above Floor, Add	*118.46*	
		For Work In Restricted Working Space, Add	*64.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.62*	
26 05 33 13-1600	EA	3-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	749.00	107.68
		For Elevated Installation >10' To 15' Above Floor, Add	*26.92*	
		For Elevated Installation >15' To 20' Above Floor, Add	*53.84*	
		For Elevated Installation >20' To 25' Above Floor, Add	*67.31*	
		For Elevated Installation >25' To 30' Above Floor, Add	*94.23*	
		For Elevated Installation >30' To 35' Above Floor, Add	*107.69*	
		For Elevated Installation >35' To 40' Above Floor, Add	*134.61*	
		For Elevated Installation >40' Above Floor, Add	*148.07*	
		For Work In Restricted Working Space, Add	*80.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*80.77*	
26 05 33 13-1601	EA	4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	895.19	131.14
		For Elevated Installation >10' To 15' Above Floor, Add	*32.79*	
		For Elevated Installation >15' To 20' Above Floor, Add	*65.57*	
		For Elevated Installation >20' To 25' Above Floor, Add	*81.96*	
		For Elevated Installation >25' To 30' Above Floor, Add	*114.75*	
		For Elevated Installation >30' To 35' Above Floor, Add	*131.14*	
		For Elevated Installation >35' To 40' Above Floor, Add	*163.93*	
		For Elevated Installation >40' Above Floor, Add	*180.32*	
		For Work In Restricted Working Space, Add	*98.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.36*	

26 05 33 13-1602 Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-1590)*

26 05 33 13-1603	EA	1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	76.86	22.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.23*	
26 05 33 13-1604	EA	3/4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	86.21	26.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.74*	
26 05 33 13-1605	EA	1" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	110.97	30.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.97*	
26 05 33 13-1606	EA	1-1/4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	142.79	34.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.21*	
26 05 33 13-1607	EA	1-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	163.71	38.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.72*	
26 05 33 13-1608	EA	2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	211.62	45.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1609	EA	2-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	326.69	64.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.46*	
26 05 33 13-1610	EA	3" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	445.80	86.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.62*	
26 05 33 13-1611	EA	3-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	804.16	107.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*80.77*	
26 05 33 13-1612	EA	4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	935.87	131.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.36*	

26 05 33 13-1613 Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-1590)*

26 05 33 13-1614	EA	1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	91.84	26.32
		For Elevated Installation >10' To 15' Above Floor, Add	*6.58*	
		For Elevated Installation >15' To 20' Above Floor, Add	*13.16*	
		For Elevated Installation >20' To 25' Above Floor, Add	*16.45*	
		For Elevated Installation >25' To 30' Above Floor, Add	*23.03*	
		For Elevated Installation >30' To 35' Above Floor, Add	*26.32*	
		For Elevated Installation >35' To 40' Above Floor, Add	*32.90*	
		For Elevated Installation >40' Above Floor, Add	*36.19*	
		For Work In Restricted Working Space, Add	*19.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.74*	
26 05 33 13-1615	EA	3/4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	108.22	30.63
		For Elevated Installation >10' To 15' Above Floor, Add	*7.78*	
		For Elevated Installation >15' To 20' Above Floor, Add	*15.55*	
		For Elevated Installation >20' To 25' Above Floor, Add	*19.44*	
		For Elevated Installation >25' To 30' Above Floor, Add	*27.22*	
		For Elevated Installation >30' To 35' Above Floor, Add	*31.11*	
		For Elevated Installation >35' To 40' Above Floor, Add	*38.89*	
		For Elevated Installation >40' Above Floor, Add	*42.77*	
		For Work In Restricted Working Space, Add	*23.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.33*	
26 05 33 13-1616	EA	1" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	129.82	33.50
		For Elevated Installation >10' To 15' Above Floor, Add	*8.38*	
		For Elevated Installation >15' To 20' Above Floor, Add	*16.75*	
		For Elevated Installation >20' To 25' Above Floor, Add	*20.94*	
		For Elevated Installation >25' To 30' Above Floor, Add	*29.32*	
		For Elevated Installation >30' To 35' Above Floor, Add	*33.50*	
		For Elevated Installation >35' To 40' Above Floor, Add	*41.88*	
		For Elevated Installation >40' Above Floor, Add	*46.07*	
		For Work In Restricted Working Space, Add	*25.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.13*	
26 05 33 13-1617	EA	1-1/4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	165.88	38.29
		For Elevated Installation >10' To 15' Above Floor, Add	*9.45*	
		For Elevated Installation >15' To 20' Above Floor, Add	*18.90*	
		For Elevated Installation >20' To 25' Above Floor, Add	*23.63*	
		For Elevated Installation >25' To 30' Above Floor, Add	*33.08*	
		For Elevated Installation >30' To 35' Above Floor, Add	*37.81*	
		For Elevated Installation >35' To 40' Above Floor, Add	*47.26*	
		For Elevated Installation >40' Above Floor, Add	*51.99*	
		For Work In Restricted Working Space, Add	*28.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.36*	
26 05 33 13-1618	EA	1-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	191.05	42.12
		For Elevated Installation >10' To 15' Above Floor, Add	*10.53*	
		For Elevated Installation >15' To 20' Above Floor, Add	*21.06*	
		For Elevated Installation >20' To 25' Above Floor, Add	*26.33*	
		For Elevated Installation >25' To 30' Above Floor, Add	*36.86*	
		For Elevated Installation >30' To 35' Above Floor, Add	*42.12*	
		For Elevated Installation >35' To 40' Above Floor, Add	*52.65*	
		For Elevated Installation >40' Above Floor, Add	*57.92*	
		For Work In Restricted Working Space, Add	*31.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.59*	
26 05 33 13-1619	EA	2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	257.59	49.30
		For Elevated Installation >10' To 15' Above Floor, Add	*12.32*	
		For Elevated Installation >15' To 20' Above Floor, Add	*24.65*	
		For Elevated Installation >20' To 25' Above Floor, Add	*30.81*	
		For Elevated Installation >25' To 30' Above Floor, Add	*43.13*	
		For Elevated Installation >30' To 35' Above Floor, Add	*49.30*	
		For Elevated Installation >35' To 40' Above Floor, Add	*61.62*	
		For Elevated Installation >40' Above Floor, Add	*67.78*	
		For Work In Restricted Working Space, Add	*36.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.97*	
26 05 33 13-1620	EA	2-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	320.43	71.79
		For Elevated Installation >10' To 15' Above Floor, Add	*17.95*	
		For Elevated Installation >15' To 20' Above Floor, Add	*35.90*	
		For Elevated Installation >20' To 25' Above Floor, Add	*44.87*	
		For Elevated Installation >25' To 30' Above Floor, Add	*62.82*	
		For Elevated Installation >30' To 35' Above Floor, Add	*71.79*	
		For Elevated Installation >35' To 40' Above Floor, Add	*89.74*	
		For Elevated Installation >40' Above Floor, Add	*98.71*	
		For Work In Restricted Working Space, Add	*53.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1621	EA	3" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	467.55	93.33
		For Elevated Installation >10' To 15' Above Floor, Add	*23.33*	
		For Elevated Installation >15' To 20' Above Floor, Add	*46.66*	
		For Elevated Installation >20' To 25' Above Floor, Add	*58.33*	
		For Elevated Installation >25' To 30' Above Floor, Add	*81.66*	
		For Elevated Installation >30' To 35' Above Floor, Add	*93.33*	
		For Elevated Installation >35' To 40' Above Floor, Add	*116.66*	
		For Elevated Installation >40' Above Floor, Add	*128.33*	
		For Work In Restricted Working Space, Add	*70.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.00*	
26 05 33 13-1622	EA	3-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	847.57	114.87
		For Elevated Installation >10' To 15' Above Floor, Add	*28.72*	
		For Elevated Installation >15' To 20' Above Floor, Add	*57.43*	
		For Elevated Installation >20' To 25' Above Floor, Add	*71.79*	
		For Elevated Installation >25' To 30' Above Floor, Add	*100.51*	
		For Elevated Installation >30' To 35' Above Floor, Add	*114.86*	
		For Elevated Installation >35' To 40' Above Floor, Add	*143.58*	
		For Elevated Installation >40' Above Floor, Add	*157.94*	
		For Work In Restricted Working Space, Add	*86.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.15*	
26 05 33 13-1623	EA	4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	977.04	138.32
		For Elevated Installation >10' To 15' Above Floor, Add	*34.70*	
		For Elevated Installation >15' To 20' Above Floor, Add	*69.40*	
		For Elevated Installation >20' To 25' Above Floor, Add	*86.75*	
		For Elevated Installation >25' To 30' Above Floor, Add	*121.45*	
		For Elevated Installation >30' To 35' Above Floor, Add	*138.80*	
		For Elevated Installation >35' To 40' Above Floor, Add	*173.50*	
		For Elevated Installation >40' Above Floor, Add	*190.85*	
		For Work In Restricted Working Space, Add	*104.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*104.10*	
26 05 33 13-1624		Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-1590)*		
26 05 33 13-1625	EA	1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	73.49	22.97
		For Elevated Installation >10' To 15' Above Floor, Add	*5.74*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.49*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.36*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.10*	
		For Elevated Installation >30' To 35' Above Floor, Add	*22.98*	
		For Elevated Installation >35' To 40' Above Floor, Add	*28.72*	
		For Elevated Installation >40' Above Floor, Add	*31.59*	
		For Work In Restricted Working Space, Add	*17.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.23*	
26 05 33 13-1626	EA	3/4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	89.87	26.32
		For Elevated Installation >10' To 15' Above Floor, Add	*6.58*	
		For Elevated Installation >15' To 20' Above Floor, Add	*13.16*	
		For Elevated Installation >20' To 25' Above Floor, Add	*16.45*	
		For Elevated Installation >25' To 30' Above Floor, Add	*23.03*	
		For Elevated Installation >30' To 35' Above Floor, Add	*26.32*	
		For Elevated Installation >35' To 40' Above Floor, Add	*32.91*	
		For Elevated Installation >40' Above Floor, Add	*36.20*	
		For Work In Restricted Working Space, Add	*19.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.74*	
26 05 33 13-1627	EA	1" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	105.52	30.15
		For Elevated Installation >10' To 15' Above Floor, Add	*7.54*	
		For Elevated Installation >15' To 20' Above Floor, Add	*15.08*	
		For Elevated Installation >20' To 25' Above Floor, Add	*18.85*	
		For Elevated Installation >25' To 30' Above Floor, Add	*26.39*	
		For Elevated Installation >30' To 35' Above Floor, Add	*30.16*	
		For Elevated Installation >35' To 40' Above Floor, Add	*37.70*	
		For Elevated Installation >40' Above Floor, Add	*41.46*	
		For Work In Restricted Working Space, Add	*22.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.62*	
26 05 33 13-1628	EA	1-1/4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	145.92	34.94
		For Elevated Installation >10' To 15' Above Floor, Add	*8.74*	
		For Elevated Installation >15' To 20' Above Floor, Add	*17.47*	
		For Elevated Installation >20' To 25' Above Floor, Add	*21.84*	
		For Elevated Installation >25' To 30' Above Floor, Add	*30.57*	
		For Elevated Installation >30' To 35' Above Floor, Add	*34.94*	
		For Elevated Installation >35' To 40' Above Floor, Add	*43.68*	
		For Elevated Installation >40' Above Floor, Add	*48.04*	
		For Work In Restricted Working Space, Add	*26.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.21*	
26 05 33 13-1629	EA	1-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	172.03	38.29
		For Elevated Installation >10' To 15' Above Floor, Add	*9.57*	
		For Elevated Installation >15' To 20' Above Floor, Add	*19.14*	
		For Elevated Installation >20' To 25' Above Floor, Add	*23.93*	
		For Elevated Installation >25' To 30' Above Floor, Add	*33.50*	
		For Elevated Installation >30' To 35' Above Floor, Add	*38.29*	
		For Elevated Installation >35' To 40' Above Floor, Add	*47.86*	
		For Elevated Installation >40' Above Floor, Add	*52.65*	
		For Work In Restricted Working Space, Add	*28.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1630	EA	2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	224.68	45.95
		For Elevated Installation >10' To 15' Above Floor, Add	*11.49*	
		For Elevated Installation >15' To 20' Above Floor, Add	*22.97*	
		For Elevated Installation >20' To 25' Above Floor, Add	*28.72*	
		For Elevated Installation >25' To 30' Above Floor, Add	*40.20*	
		For Elevated Installation >30' To 35' Above Floor, Add	*45.95*	
		For Elevated Installation >35' To 40' Above Floor, Add	*57.44*	
		For Elevated Installation >40' Above Floor, Add	*63.18*	
		For Work In Restricted Working Space, Add	*34.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.46*	
26 05 33 13-1631	EA	2-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	491.63	121.20
		For Elevated Installation >10' To 15' Above Floor, Add	*30.29*	
		For Elevated Installation >15' To 20' Above Floor, Add	*60.58*	
		For Elevated Installation >20' To 25' Above Floor, Add	*75.72*	
		For Elevated Installation >25' To 30' Above Floor, Add	*106.01*	
		For Elevated Installation >30' To 35' Above Floor, Add	*121.15*	
		For Elevated Installation >35' To 40' Above Floor, Add	*151.44*	
		For Elevated Installation >40' Above Floor, Add	*166.58*	
		For Work In Restricted Working Space, Add	*90.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.86*	
26 05 33 13-1632	EA	3" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	485.14	86.15
		For Elevated Installation >10' To 15' Above Floor, Add	*21.54*	
		For Elevated Installation >15' To 20' Above Floor, Add	*43.08*	
		For Elevated Installation >20' To 25' Above Floor, Add	*53.85*	
		For Elevated Installation >25' To 30' Above Floor, Add	*75.39*	
		For Elevated Installation >30' To 35' Above Floor, Add	*86.16*	
		For Elevated Installation >35' To 40' Above Floor, Add	*107.70*	
		For Elevated Installation >40' Above Floor, Add	*118.46*	
		For Work In Restricted Working Space, Add	*64.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.62*	
26 05 33 13-1633	EA	3-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	804.16	107.68
		For Elevated Installation >10' To 15' Above Floor, Add	*26.92*	
		For Elevated Installation >15' To 20' Above Floor, Add	*53.84*	
		For Elevated Installation >20' To 25' Above Floor, Add	*67.31*	
		For Elevated Installation >25' To 30' Above Floor, Add	*94.23*	
		For Elevated Installation >30' To 35' Above Floor, Add	*107.69*	
		For Elevated Installation >35' To 40' Above Floor, Add	*134.61*	
		For Elevated Installation >40' Above Floor, Add	*148.07*	
		For Work In Restricted Working Space, Add	*80.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*80.77*	
26 05 33 13-1634	EA	4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	935.85	131.14
		For Elevated Installation >10' To 15' Above Floor, Add	*32.78*	
		For Elevated Installation >15' To 20' Above Floor, Add	*65.57*	
		For Elevated Installation >20' To 25' Above Floor, Add	*81.96*	
		For Elevated Installation >25' To 30' Above Floor, Add	*114.74*	
		For Elevated Installation >30' To 35' Above Floor, Add	*131.13*	
		For Elevated Installation >35' To 40' Above Floor, Add	*163.92*	
		For Elevated Installation >40' Above Floor, Add	*180.31*	
		For Work In Restricted Working Space, Add	*98.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.35*	
26 05 33 13-1635		Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-1590)*		
26 05 33 13-1636	EA	1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	104.25	30.15
		For Elevated Installation >10' To 15' Above Floor, Add	*7.54*	
		For Elevated Installation >15' To 20' Above Floor, Add	*15.08*	
		For Elevated Installation >20' To 25' Above Floor, Add	*18.85*	
		For Elevated Installation >25' To 30' Above Floor, Add	*26.38*	
		For Elevated Installation >30' To 35' Above Floor, Add	*30.15*	
		For Elevated Installation >35' To 40' Above Floor, Add	*37.69*	
		For Elevated Installation >40' Above Floor, Add	*41.46*	
		For Work In Restricted Working Space, Add	*22.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.61*	
26 05 33 13-1637	EA	3/4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	113.70	33.50
		For Elevated Installation >10' To 15' Above Floor, Add	*8.38*	
		For Elevated Installation >15' To 20' Above Floor, Add	*16.75*	
		For Elevated Installation >20' To 25' Above Floor, Add	*20.94*	
		For Elevated Installation >25' To 30' Above Floor, Add	*29.32*	
		For Elevated Installation >30' To 35' Above Floor, Add	*33.50*	
		For Elevated Installation >35' To 40' Above Floor, Add	*41.88*	
		For Elevated Installation >40' Above Floor, Add	*46.07*	
		For Work In Restricted Working Space, Add	*25.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.13*	
26 05 33 13-1638	EA	1" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	133.24	36.86
		For Elevated Installation >10' To 15' Above Floor, Add	*9.21*	
		For Elevated Installation >15' To 20' Above Floor, Add	*18.43*	
		For Elevated Installation >20' To 25' Above Floor, Add	*23.04*	
		For Elevated Installation >25' To 30' Above Floor, Add	*32.25*	
		For Elevated Installation >30' To 35' Above Floor, Add	*36.86*	
		For Elevated Installation >35' To 40' Above Floor, Add	*46.07*	
		For Elevated Installation >40' Above Floor, Add	*50.68*	
		For Work In Restricted Working Space, Add	*27.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1639	EA	1-1/4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	159.56	42.12
		For Elevated Installation >10' To 15' Above Floor, Add	*10.53*	
		For Elevated Installation >15' To 20' Above Floor, Add	*21.06*	
		For Elevated Installation >20' To 25' Above Floor, Add	*26.33*	
		For Elevated Installation >25' To 30' Above Floor, Add	*36.86*	
		For Elevated Installation >30' To 35' Above Floor, Add	*42.12*	
		For Elevated Installation >35' To 40' Above Floor, Add	*52.65*	
		For Elevated Installation >40' Above Floor, Add	*57.92*	
		For Work In Restricted Working Space, Add	*31.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.59*	
26 05 33 13-1640	EA	1-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	185.67	45.95
		For Elevated Installation >10' To 15' Above Floor, Add	*11.49*	
		For Elevated Installation >15' To 20' Above Floor, Add	*22.97*	
		For Elevated Installation >20' To 25' Above Floor, Add	*28.72*	
		For Elevated Installation >25' To 30' Above Floor, Add	*40.20*	
		For Elevated Installation >30' To 35' Above Floor, Add	*45.95*	
		For Elevated Installation >35' To 40' Above Floor, Add	*57.44*	
		For Elevated Installation >40' Above Floor, Add	*63.18*	
		For Work In Restricted Working Space, Add	*34.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.46*	
26 05 33 13-1641	EA	2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	264.44	56.47
		For Elevated Installation >10' To 15' Above Floor, Add	*14.12*	
		For Elevated Installation >15' To 20' Above Floor, Add	*28.24*	
		For Elevated Installation >20' To 25' Above Floor, Add	*35.30*	
		For Elevated Installation >25' To 30' Above Floor, Add	*49.42*	
		For Elevated Installation >30' To 35' Above Floor, Add	*56.48*	
		For Elevated Installation >35' To 40' Above Floor, Add	*70.60*	
		For Elevated Installation >40' Above Floor, Add	*77.65*	
		For Work In Restricted Working Space, Add	*42.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.36*	
26 05 33 13-1642	EA	2-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	427.06	82.79
		For Elevated Installation >10' To 15' Above Floor, Add	*20.70*	
		For Elevated Installation >15' To 20' Above Floor, Add	*41.40*	
		For Elevated Installation >20' To 25' Above Floor, Add	*51.75*	
		For Elevated Installation >25' To 30' Above Floor, Add	*72.45*	
		For Elevated Installation >30' To 35' Above Floor, Add	*82.80*	
		For Elevated Installation >35' To 40' Above Floor, Add	*103.50*	
		For Elevated Installation >40' Above Floor, Add	*113.85*	
		For Work In Restricted Working Space, Add	*62.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.10*	
26 05 33 13-1643	EA	3" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	634.90	107.68
		For Elevated Installation >10' To 15' Above Floor, Add	*26.92*	
		For Elevated Installation >15' To 20' Above Floor, Add	*53.84*	
		For Elevated Installation >20' To 25' Above Floor, Add	*67.31*	
		For Elevated Installation >25' To 30' Above Floor, Add	*94.23*	
		For Elevated Installation >30' To 35' Above Floor, Add	*107.69*	
		For Elevated Installation >35' To 40' Above Floor, Add	*134.61*	
		For Elevated Installation >40' Above Floor, Add	*148.07*	
		For Work In Restricted Working Space, Add	*80.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*80.77*	
26 05 33 13-1644	EA	3-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	964.99	133.05
		For Elevated Installation >10' To 15' Above Floor, Add	*33.26*	
		For Elevated Installation >15' To 20' Above Floor, Add	*66.53*	
		For Elevated Installation >20' To 25' Above Floor, Add	*83.16*	
		For Elevated Installation >25' To 30' Above Floor, Add	*116.42*	
		For Elevated Installation >30' To 35' Above Floor, Add	*133.05*	
		For Elevated Installation >35' To 40' Above Floor, Add	*166.32*	
		For Elevated Installation >40' Above Floor, Add	*182.95*	
		For Work In Restricted Working Space, Add	*99.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*99.79*	
26 05 33 13-1645	EA	4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	1,071.05	159.86
		For Elevated Installation >10' To 15' Above Floor, Add	*39.96*	
		For Elevated Installation >15' To 20' Above Floor, Add	*79.93*	
		For Elevated Installation >20' To 25' Above Floor, Add	*99.91*	
		For Elevated Installation >25' To 30' Above Floor, Add	*139.87*	
		For Elevated Installation >30' To 35' Above Floor, Add	*159.86*	
		For Elevated Installation >35' To 40' Above Floor, Add	*199.82*	
		For Elevated Installation >40' Above Floor, Add	*219.80*	
		For Work In Restricted Working Space, Add	*119.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*119.89*	

26 05 33 13-1646 Set Screw, Cast Aluminum Conduit Body *(26 05 33 13-1533)*

Note: For use with Electrical Metallic Tubing (EMT)

26 05 33 13-1647 Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-1646)*

26 05 33 13-1648	EA	1/2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	36.42	9.09
		For Work In Restricted Working Space, Add	*6.82*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.27*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.55*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.68*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.96*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.09*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.37*	
		For Elevated Installation >40' Above Floor, Add	*12.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1649	EA	3/4" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	46.37	11.97
		For Work In Restricted Working Space, Add	*8.97*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.99*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.48*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.47*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.96*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.96*	
		For Elevated Installation >40' Above Floor, Add	*16.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.97*	
26 05 33 13-1650	EA	1" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	63.67	14.83
		For Work In Restricted Working Space, Add	*11.13*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.71*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.42*	
		For Elevated Installation >20' To 25' Above Floor, Add	*9.28*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.99*	
		For Elevated Installation >30' To 35' Above Floor, Add	*14.84*	
		For Elevated Installation >35' To 40' Above Floor, Add	*18.55*	
		For Elevated Installation >40' Above Floor, Add	*20.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.13*	
26 05 33 13-1651	EA	1-1/4" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	83.26	18.18
		For Work In Restricted Working Space, Add	*13.64*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.55*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.09*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.37*	
		For Elevated Installation >25' To 30' Above Floor, Add	*15.91*	
		For Elevated Installation >30' To 35' Above Floor, Add	*18.19*	
		For Elevated Installation >35' To 40' Above Floor, Add	*22.74*	
		For Elevated Installation >40' Above Floor, Add	*25.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.64*	
26 05 33 13-1652	EA	1-1/2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	111.42	21.06
		For Work In Restricted Working Space, Add	*15.79*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.26*	
		For Elevated Installation >15' To 20' Above Floor, Add	*10.53*	
		For Elevated Installation >20' To 25' Above Floor, Add	*13.16*	
		For Elevated Installation >25' To 30' Above Floor, Add	*18.42*	
		For Elevated Installation >30' To 35' Above Floor, Add	*21.06*	
		For Elevated Installation >35' To 40' Above Floor, Add	*26.32*	
		For Elevated Installation >40' Above Floor, Add	*28.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.79*	
26 05 33 13-1653	EA	2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	150.29	23.93
		For Work In Restricted Working Space, Add	*17.95*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.98*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.97*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.96*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.93*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.92*	
		For Elevated Installation >40' Above Floor, Add	*32.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.95*	
26 05 33 13-1654		Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-1646)*		
26 05 33 13-1655	EA	1/2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	36.80	9.09
		For Work In Restricted Working Space, Add	*6.82*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.27*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.55*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.68*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.96*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.09*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.37*	
		For Elevated Installation >40' Above Floor, Add	*12.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.82*	
26 05 33 13-1656	EA	3/4" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	47.81	11.97
		For Work In Restricted Working Space, Add	*8.97*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.99*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.48*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.47*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.96*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.96*	
		For Elevated Installation >40' Above Floor, Add	*16.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.97*	
26 05 33 13-1657	EA	1" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	58.64	14.83
		For Work In Restricted Working Space, Add	*11.13*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.71*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.42*	
		For Elevated Installation >20' To 25' Above Floor, Add	*9.28*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.99*	
		For Elevated Installation >30' To 35' Above Floor, Add	*14.84*	
		For Elevated Installation >35' To 40' Above Floor, Add	*18.55*	
		For Elevated Installation >40' Above Floor, Add	*20.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1658	EA	1-1/4" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	82.83	18.18
		For Work In Restricted Working Space, Add	*13.64*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.55*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.09*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.37*	
		For Elevated Installation >25' To 30' Above Floor, Add	*15.91*	
		For Elevated Installation >30' To 35' Above Floor, Add	*18.19*	
		For Elevated Installation >35' To 40' Above Floor, Add	*22.74*	
		For Elevated Installation >40' Above Floor, Add	*25.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.64*	
26 05 33 13-1659	EA	1-1/2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	103.06	21.06
		For Work In Restricted Working Space, Add	*15.79*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.26*	
		For Elevated Installation >15' To 20' Above Floor, Add	*10.53*	
		For Elevated Installation >20' To 25' Above Floor, Add	*13.16*	
		For Elevated Installation >25' To 30' Above Floor, Add	*18.42*	
		For Elevated Installation >30' To 35' Above Floor, Add	*21.06*	
		For Elevated Installation >35' To 40' Above Floor, Add	*26.32*	
		For Elevated Installation >40' Above Floor, Add	*28.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.79*	
26 05 33 13-1660	EA	2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	149.57	23.93
		For Work In Restricted Working Space, Add	*17.95*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.98*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.97*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.96*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.93*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.92*	
		For Elevated Installation >40' Above Floor, Add	*32.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.95*	
26 05 33 13-1661		**Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover** *(26 05 33 13-1646)*		
26 05 33 13-1662	EA	1/2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	47.15	11.97
		For Work In Restricted Working Space, Add	*8.97*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.99*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.48*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.47*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.96*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.96*	
		For Elevated Installation >40' Above Floor, Add	*16.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.97*	
26 05 33 13-1663	EA	3/4" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	61.94	14.83
		For Work In Restricted Working Space, Add	*11.13*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.71*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.42*	
		For Elevated Installation >20' To 25' Above Floor, Add	*9.28*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.99*	
		For Elevated Installation >30' To 35' Above Floor, Add	*14.84*	
		For Elevated Installation >35' To 40' Above Floor, Add	*18.55*	
		For Elevated Installation >40' Above Floor, Add	*20.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.13*	
26 05 33 13-1664	EA	1" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	74.51	18.18
		For Work In Restricted Working Space, Add	*13.64*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.55*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.09*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.37*	
		For Elevated Installation >25' To 30' Above Floor, Add	*15.91*	
		For Elevated Installation >30' To 35' Above Floor, Add	*18.19*	
		For Elevated Installation >35' To 40' Above Floor, Add	*22.74*	
		For Elevated Installation >40' Above Floor, Add	*25.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.64*	
26 05 33 13-1665	EA	1-1/4" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	105.17	21.06
		For Work In Restricted Working Space, Add	*16.51*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.50*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.01*	
		For Elevated Installation >20' To 25' Above Floor, Add	*13.76*	
		For Elevated Installation >25' To 30' Above Floor, Add	*19.26*	
		For Elevated Installation >30' To 35' Above Floor, Add	*22.02*	
		For Elevated Installation >35' To 40' Above Floor, Add	*27.52*	
		For Elevated Installation >40' Above Floor, Add	*30.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.51*	
26 05 33 13-1666	EA	1-1/2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	136.47	23.93
		For Work In Restricted Working Space, Add	*19.38*	
		For Elevated Installation >10' To 15' Above Floor, Add	*6.46*	
		For Elevated Installation >15' To 20' Above Floor, Add	*12.92*	
		For Elevated Installation >20' To 25' Above Floor, Add	*16.15*	
		For Elevated Installation >25' To 30' Above Floor, Add	*22.61*	
		For Elevated Installation >30' To 35' Above Floor, Add	*25.84*	
		For Elevated Installation >35' To 40' Above Floor, Add	*32.31*	
		For Elevated Installation >40' Above Floor, Add	*35.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1667	EA	2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	187.10	26.80
		For Work In Restricted Working Space, Add	*22.25*	
		For Elevated Installation >10' To 15' Above Floor, Add	*7.42*	
		For Elevated Installation >15' To 20' Above Floor, Add	*14.84*	
		For Elevated Installation >20' To 25' Above Floor, Add	*18.55*	
		For Elevated Installation >25' To 30' Above Floor, Add	*25.96*	
		For Elevated Installation >30' To 35' Above Floor, Add	*29.67*	
		For Elevated Installation >35' To 40' Above Floor, Add	*37.09*	
		For Elevated Installation >40' Above Floor, Add	*40.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.25*	
26 05 33 13-1668		Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-1646)*		
26 05 33 13-1669	EA	1/2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	38.03	9.09
		For Work In Restricted Working Space, Add	*6.82*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.27*	
		For Elevated Installation >15' To 20' Above Floor, Add	*4.55*	
		For Elevated Installation >20' To 25' Above Floor, Add	*5.68*	
		For Elevated Installation >25' To 30' Above Floor, Add	*7.96*	
		For Elevated Installation >30' To 35' Above Floor, Add	*9.09*	
		For Elevated Installation >35' To 40' Above Floor, Add	*11.37*	
		For Elevated Installation >40' Above Floor, Add	*12.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.82*	
26 05 33 13-1670	EA	3/4" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	51.02	11.97
		For Work In Restricted Working Space, Add	*8.97*	
		For Elevated Installation >10' To 15' Above Floor, Add	*2.99*	
		For Elevated Installation >15' To 20' Above Floor, Add	*5.98*	
		For Elevated Installation >20' To 25' Above Floor, Add	*7.48*	
		For Elevated Installation >25' To 30' Above Floor, Add	*10.47*	
		For Elevated Installation >30' To 35' Above Floor, Add	*11.96*	
		For Elevated Installation >35' To 40' Above Floor, Add	*14.96*	
		For Elevated Installation >40' Above Floor, Add	*16.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.97*	
26 05 33 13-1671	EA	1" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	65.49	14.83
		For Work In Restricted Working Space, Add	*11.13*	
		For Elevated Installation >10' To 15' Above Floor, Add	*3.71*	
		For Elevated Installation >15' To 20' Above Floor, Add	*7.42*	
		For Elevated Installation >20' To 25' Above Floor, Add	*9.28*	
		For Elevated Installation >25' To 30' Above Floor, Add	*12.99*	
		For Elevated Installation >30' To 35' Above Floor, Add	*14.84*	
		For Elevated Installation >35' To 40' Above Floor, Add	*18.55*	
		For Elevated Installation >40' Above Floor, Add	*20.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.13*	
26 05 33 13-1672	EA	1-1/4" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	85.44	18.18
		For Work In Restricted Working Space, Add	*13.64*	
		For Elevated Installation >10' To 15' Above Floor, Add	*4.55*	
		For Elevated Installation >15' To 20' Above Floor, Add	*9.09*	
		For Elevated Installation >20' To 25' Above Floor, Add	*11.37*	
		For Elevated Installation >25' To 30' Above Floor, Add	*15.91*	
		For Elevated Installation >30' To 35' Above Floor, Add	*18.19*	
		For Elevated Installation >35' To 40' Above Floor, Add	*22.74*	
		For Elevated Installation >40' Above Floor, Add	*25.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.64*	
26 05 33 13-1673	EA	1-1/2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	104.56	21.06
		For Work In Restricted Working Space, Add	*15.79*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.26*	
		For Elevated Installation >15' To 20' Above Floor, Add	*10.53*	
		For Elevated Installation >20' To 25' Above Floor, Add	*13.16*	
		For Elevated Installation >25' To 30' Above Floor, Add	*18.42*	
		For Elevated Installation >30' To 35' Above Floor, Add	*21.06*	
		For Elevated Installation >35' To 40' Above Floor, Add	*26.32*	
		For Elevated Installation >40' Above Floor, Add	*28.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.79*	
26 05 33 13-1674	EA	2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	163.52	23.93
		For Work In Restricted Working Space, Add	*17.95*	
		For Elevated Installation >10' To 15' Above Floor, Add	*5.98*	
		For Elevated Installation >15' To 20' Above Floor, Add	*11.97*	
		For Elevated Installation >20' To 25' Above Floor, Add	*14.96*	
		For Elevated Installation >25' To 30' Above Floor, Add	*20.94*	
		For Elevated Installation >30' To 35' Above Floor, Add	*23.93*	
		For Elevated Installation >35' To 40' Above Floor, Add	*29.92*	
		For Elevated Installation >40' Above Floor, Add	*32.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.95*	
26 05 33 13-1675		Replacement Covers And Gaskets For Conduit Body *(26 05 33 13-1533)*		
26 05 33 13-1676		Replacement Stamped Aluminum Conduit Body Cover *(26 05 33 13-1675)*		
26 05 33 13-1677	EA	1/2" Replacement Stamped Aluminum Conduit Body Cover	13.18	4.67
26 05 33 13-1678	EA	3/4" Replacement Stamped Aluminum Conduit Body Cover	16.28	5.44
26 05 33 13-1679	EA	1" Replacement Stamped Aluminum Conduit Body Cover	20.84	7.00
26 05 33 13-1680	EA	1-1/4" Replacement Stamped Aluminum Conduit Body Cover	25.35	8.56
26 05 33 13-1681	EA	1-1/2" Replacement Stamped Aluminum Conduit Body Cover	31.37	10.11
26 05 33 13-1682	EA	2" Replacement Stamped Aluminum Conduit Body Cover	37.38	11.67
26 05 33 13-1683	EA	2-1/2" Replacement Stamped Aluminum Conduit Body Cover	50.74	13.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1684	EA	3" Replacement Stamped Aluminum Conduit Body Cover	64.43	18.66
26 05 33 13-1685	EA	3-1/2" Replacement Stamped Aluminum Conduit Body Cover	69.86	21.00
26 05 33 13-1686	EA	4" Replacement Stamped Aluminum Conduit Body Cover	88.04	26.44

26 05 33 13-1687 Replacement Cast Steel Conduit Body Cover *(26 05 33 13-1675)*

26 05 33 13-1688	EA	1/2" Replacement Cast Steel Conduit Body Cover	15.81	4.67
26 05 33 13-1689	EA	3/4" Replacement Cast Steel Conduit Body Cover	18.56	5.44
26 05 33 13-1690	EA	1" Replacement Cast Steel Conduit Body Cover	26.48	7.00
26 05 33 13-1691	EA	1-1/4" Replacement Cast Steel Conduit Body Cover	32.99	8.56
26 05 33 13-1692	EA	1-1/2" Replacement Cast Steel Conduit Body Cover	40.27	10.11
26 05 33 13-1693	EA	2" Replacement Cast Steel Conduit Body Cover	47.56	11.67
26 05 33 13-1694	EA	2-1/2" Replacement Cast Steel Conduit Body Cover	54.78	13.22
26 05 33 13-1695	EA	3" Replacement Cast Steel Conduit Body Cover	73.98	18.66
26 05 33 13-1696	EA	3-1/2" Replacement Cast Steel Conduit Body Cover	84.90	21.00
26 05 33 13-1697	EA	4" Replacement Cast Steel Conduit Body Cover	107.07	26.44

26 05 33 13-1698 Replacement Velbuna Composition Conduit Body Gasket *(26 05 33 13-1675)*

26 05 33 13-1699	EA	1/2" Replacement Velbuna Composition Conduit Body Gasket	12.01	4.67
26 05 33 13-1700	EA	3/4" Replacement Velbuna Composition Conduit Body Gasket	13.65	5.44
26 05 33 13-1701	EA	1" Replacement Velbuna Composition Conduit Body Gasket	17.90	7.00
26 05 33 13-1702	EA	1-1/4" Replacement Velbuna Composition Conduit Body Gasket	23.57	8.56
26 05 33 13-1703	EA	1-1/2" Replacement Velbuna Composition Conduit Body Gasket	26.68	10.11
26 05 33 13-1704	EA	2" Replacement Velbuna Composition Conduit Body Gasket	31.96	11.67
26 05 33 13-1705	EA	2-1/2" Replacement Velbuna Composition Conduit Body Gasket	43.32	13.22
26 05 33 13-1706	EA	3" Replacement Velbuna Composition Conduit Body Gasket	55.17	18.66
26 05 33 13-1707	EA	3-1/2" Replacement Velbuna Composition Conduit Body Gasket	61.10	21.00
26 05 33 13-1708	EA	4" Replacement Velbuna Composition Conduit Body Gasket	71.86	26.44

26 05 33 13-1709 Replacement Neoprene Conduit Body Gasket *(26 05 33 13-1675)*

26 05 33 13-1710	EA	1/2" Replacement Neoprene Conduit Body Gasket	13.83	4.67
26 05 33 13-1711	EA	3/4" Replacement Neoprene Conduit Body Gasket	15.39	5.44
26 05 33 13-1712	EA	1" Replacement Neoprene Conduit Body Gasket	20.19	7.00
26 05 33 13-1713	EA	1-1/4" Replacement Neoprene Conduit Body Gasket	24.73	8.56
26 05 33 13-1714	EA	1-1/2" Replacement Neoprene Conduit Body Gasket	27.84	10.11
26 05 33 13-1715	EA	2" Replacement Neoprene Conduit Body Gasket	32.08	11.67
26 05 33 13-1716	EA	2-1/2" Replacement Neoprene Conduit Body Gasket	43.61	13.22
26 05 33 13-1717	EA	3" Replacement Neoprene Conduit Body Gasket	55.46	18.66
26 05 33 13-1718	EA	3-1/2" Replacement Neoprene Conduit Body Gasket	63.04	21.00
26 05 33 13-1719	EA	4" Replacement Neoprene Conduit Body Gasket	73.80	26.44

26 05 33 13-1720 Cutting Knockouts In-Place Metal Boxes Or Enclosures *(26 05 33 13-0058)*

Note: For use when connecting conduit to an existing in-place system.

26 05 33 13-1721	EA	1/2", Cutting Knockouts In-Place Metal Boxes Or Enclosures	19.80	
		For Work In Restricted Working Space, Add	*5.94*	
26 05 33 13-1722	EA	3/4", Cutting Knockouts In-Place Metal Boxes Or Enclosures	22.30	
		For Work In Restricted Working Space, Add	*6.69*	
26 05 33 13-1723	EA	1", Cutting Knockouts In-Place Metal Boxes Or Enclosures	26.23	
		For Work In Restricted Working Space, Add	*7.87*	
26 05 33 13-1724	EA	1-1/4", Cutting Knockouts In-Place Metal Boxes Or Enclosures	29.11	
		For Work In Restricted Working Space, Add	*8.73*	
26 05 33 13-1725	EA	1-1/2", Cutting Knockouts In-Place Metal Boxes Or Enclosures	32.79	
		For Work In Restricted Working Space, Add	*9.84*	
26 05 33 13-1726	EA	2", Cutting Knockouts In-Place Metal Boxes Or Enclosures	38.82	
		For Work In Restricted Working Space, Add	*11.65*	
26 05 33 13-1727	EA	2-1/2", Cutting Knockouts In-Place Metal Boxes Or Enclosures	45.90	
		For Work In Restricted Working Space, Add	*13.77*	
26 05 33 13-1728	EA	3", Cutting Knockouts In-Place Metal Boxes Or Enclosures	52.47	
		For Work In Restricted Working Space, Add	*15.74*	
26 05 33 13-1729	EA	3-1/2", Cutting Knockouts In-Place Metal Boxes Or Enclosures	59.02	
		For Work In Restricted Working Space, Add	*17.71*	
26 05 33 13-1730	EA	4", Cutting Knockouts In-Place Metal Boxes Or Enclosures	65.58	
		For Work In Restricted Working Space, Add	*19.67*	

26 05 33 13-1731 Buried Pipe Or Conduit Wrap *(26 05 33 13)*

26 05 33 13-1732 All-Weather Corrosion Protection Tape For Pipe Or Conduit *(26 05 33 13-1731)*

Note: Priced by the linear feet of pipe or conduit the tape is installed on.

26 05 33 13-1733	LF	Pipe Or Conduit Wrap For 1/2" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)	2.86	
26 05 33 13-1734	LF	Pipe Or Conduit Wrap For 3/4" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)	3.30	
26 05 33 13-1735	LF	Pipe Or Conduit Wrap For 1" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)	3.82	
26 05 33 13-1736	LF	Pipe Or Conduit Wrap For 1-1/4" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)	4.39	
26 05 33 13-1737	LF	Pipe Or Conduit Wrap For 1-1/2" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)	5.00	
26 05 33 13-1738	LF	Pipe Or Conduit Wrap For 2" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)	6.00	
26 05 33 13-1739	LF	Pipe Or Conduit Wrap For 2-1/2" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)	6.66	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1740	LF	Pipe Or Conduit Wrap For 3" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)	7.34	
26 05 33 13-1741	LF	Pipe Or Conduit Wrap For 4" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)	9.13	
26 05 33 13-1742	LF	Pipe Or Conduit Wrap For 5" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)	10.55	
26 05 33 13-1743	LF	Pipe Or Conduit Wrap For 6" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)	11.96	
26 05 33 13-1744	LF	Pipe Or Conduit Wrap For 1/2" Diameter Pipe, 20 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 51)	2.88	
26 05 33 13-1745	LF	Pipe Or Conduit Wrap For 3/4" Diameter Pipe, 20 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 51)	3.43	
26 05 33 13-1746	LF	Pipe Or Conduit Wrap For 1" Diameter Pipe, 20 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 51)	3.99	
26 05 33 13-1747	LF	Pipe Or Conduit Wrap For 1-1/4" Diameter Pipe, 20 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 51)	4.61	
26 05 33 13-1748	LF	Pipe Or Conduit Wrap For 1-1/2" Diameter Pipe, 20 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 51)	5.28	
26 05 33 13-1749	LF	Pipe Or Conduit Wrap For 2" Diameter Pipe, 20 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 51)	6.39	
26 05 33 13-1750	LF	Pipe Or Conduit Wrap For 2-1/2" Diameter Pipe, 20 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 51)	7.27	
26 05 33 13-1751	LF	Pipe Or Conduit Wrap For 3" Diameter Pipe, 20 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 51)	8.23	
26 05 33 13-1752	LF	Pipe Or Conduit Wrap For 4" Diameter Pipe, 20 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 51)	10.33	
26 05 33 13-1753	LF	Pipe Or Conduit Wrap For 5" Diameter Pipe, 20 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 51)	12.05	
26 05 33 13-1754	LF	Pipe Or Conduit Wrap For 6" Diameter Pipe, 20 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 51)	13.76	

26 05 33 16 Boxes for Electrical Systems *(26 05 33)*

See CSI section 26 27 16 00-0000 for larger junction boxes and enclosures.

26 05 33 16-0001 Steel Junction, Device, And Fixture Boxes, Rings And Covers *(26 05 33 16)*

Note: Thin wall metal. See CSI section 26 27 26 00-0003 for steel box/receptacle assemblies, 26 27 26 00-0126 for steel box/switch assemblies.

26 05 33 16-0002 4" Square Steel Boxes, Rings And Covers *(26 05 33 16-0001)*

26 05 33 16-0003	EA	1-1/2" Depth, 4" Square Steel Box	41.86	19.64
		For Stud Bracket, Add	*0.63*	
26 05 33 16-0004	EA	2-1/8" Depth, 4" Square Steel Box	43.03	19.64
		For Stud Bracket, Add	*1.14*	
26 05 33 16-0005	EA	3-1/2" Depth, 4" Square Steel Box	47.05	19.64
		For Stud Bracket, Add	*1.24*	
26 05 33 16-0006	EA	1-1/2" Depth, 4" Square Steel Extension Ring	31.91	13.10
26 05 33 16-0007	EA	2-1/8" Depth, 4" Square Steel Extension Ring	27.85	13.10
26 05 33 16-0008	EA	1/2" Depth, 1 Gang, 4" Square Steel Mud Ring	14.33	6.54
26 05 33 16-0009	EA	5/8" Depth, 1 Gang, 4" Square Steel Mud Ring	14.51	6.54
26 05 33 16-0010	EA	3/4" Depth, 1 Gang, 4" Square Steel Mud Ring	14.65	6.54
26 05 33 16-0011	EA	1" Depth, 1 Gang, 4" Square Steel Mud Ring	15.08	6.54
26 05 33 16-0012	EA	1-1/4" Depth, 1 Gang, 4" Square Steel Mud Ring	15.21	6.54
26 05 33 16-0013	EA	1-1/2" Depth, 1 Gang, 4" Square Steel Mud Ring	16.60	6.54
26 05 33 16-0014	EA	1/2" Depth, 2 Gang, 4" Square Steel Mud Ring	14.85	6.54
26 05 33 16-0015	EA	5/8" Depth, 2 Gang, 4" Square Steel Mud Ring	14.99	6.54
26 05 33 16-0016	EA	3/4" Depth, 2 Gang, 4" Square Steel Mud Ring	15.15	6.54
26 05 33 16-0017	EA	1" Depth, 2 Gang, 4" Square Steel Mud Ring	16.57	6.54
26 05 33 16-0018	EA	1-1/4" Depth, 2 Gang, 4" Square Steel Mud Ring	16.87	6.54
26 05 33 16-0019	EA	1-1/2" Depth, 2 Gang, 4" Square Steel Mud Ring	18.67	6.54
26 05 33 16-0020	EA	3/4" Depth, Fixture Cover, 4" Square Mud Rings	15.55	6.54
26 05 33 16-0021	EA	1" Depth, Fixture Cover, 4" Square Mud Rings	16.69	6.54
26 05 33 16-0022	EA	One Toggle Switch, 4" Square Steel Exposed Work Cover	14.83	6.54
26 05 33 16-0023	EA	Two Toggle Switches, 4" Square Steel Exposed Work Cover	14.94	6.54
26 05 33 16-0024	EA	One Duplex Receptacle, 4" Square Steel Exposed Work Cover	14.81	6.54
26 05 33 16-0025	EA	Two Duplex Receptacles, 4" Square Steel Exposed Work Cover	15.11	6.54
26 05 33 16-0026	EA	One Toggle Switch And One Duplex Receptacle, 4" Square Steel Exposed Work Cover	15.37	6.54
26 05 33 16-0027	EA	One Toggle Switch And One 1.406" Diameter Receptacle, 4" Square Steel Exposed Work Cover	18.55	6.54
26 05 33 16-0028	EA	One 1.406" Diameter Receptacle, 4" Square Steel Exposed Work Cover	15.32	6.54
26 05 33 16-0029	EA	Two 1.406" Diameter Receptacles, 4" Square Steel Exposed Work Cover	18.55	6.54
26 05 33 16-0030	EA	One 1.620" Diameter Receptacle, 4" Square Steel Exposed Work Cover	15.32	6.54
26 05 33 16-0031	EA	One 1.719" Diameter Receptacle, 4" Square Steel Exposed Work Cover	16.07	6.54
26 05 33 16-0032	EA	One 2.165" Diameter Receptacle, 4" Square Steel Exposed Work Cover	18.55	6.54
26 05 33 16-0033	EA	One 2.480" Diameter Receptacle, 4" Square Steel Exposed Work Cover	18.55	6.54
26 05 33 16-0034	EA	Flat, 4" Square Steel Exposed Work Cover	13.92	6.54

26 05 33 16-0035 4-11/16" Square Steel Boxes, Rings And Covers *(26 05 33 16-0001)*

26 05 33 16-0036	EA	1-1/2" Depth, 4-11/16" Square Steel Box	46.19	19.64
26 05 33 16-0037	EA	2-1/8" Depth, 4-11/16" Square Steel Box	43.55	19.64
		For Stud Bracket, Add	*0.59*	
26 05 33 16-0038	EA	3-1/4" Depth, 4-11/16" Square Steel Box	56.83	19.64
26 05 33 16-0039	EA	1-1/2" Depth, 4-11/16" Square Extension Ring	33.02	13.10
26 05 33 16-0040	EA	2-1/8" Depth, 4-11/16" Square Extension Ring	33.67	13.10
26 05 33 16-0041	EA	1/2" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	16.97	6.54
26 05 33 16-0042	EA	5/8" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	17.00	6.54
26 05 33 16-0043	EA	3/4" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	18.13	6.54
26 05 33 16-0044	EA	1" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	17.68	6.54
26 05 33 16-0045	EA	1-1/4" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	17.58	6.54
26 05 33 16-0046	EA	1-1/2" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	22.27	6.54
26 05 33 16-0047	EA	1/2" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	17.87	6.54
26 05 33 16-0048	EA	5/8" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	18.11	6.54
26 05 33 16-0049	EA	3/4" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	18.13	6.54
26 05 33 16-0050	EA	1" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	19.79	6.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0051	EA	1-1/4" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	20.14	6.54
26 05 33 16-0052	EA	1-1/2" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	24.15	6.54
26 05 33 16-0053	EA	1/2" Depth, Fixture Cover, 4-11/16" Square Steel Mud Ring	17.65	6.54
26 05 33 16-0054	EA	5/8" Depth, Fixture Cover, 4-11/16" Square Steel Mud Ring	17.77	6.54
26 05 33 16-0055	EA	One Toggle Switch, 4-11/16" Square Steel Exposed Work Cover	20.88	6.54
26 05 33 16-0056	EA	Two Toggle Switches, 4-11/16" Square Steel Exposed Work Cover	21.76	6.54
26 05 33 16-0057	EA	One Duplex Receptacle, 4-11/16" Square Steel Exposed Work Cover	20.62	6.54
26 05 33 16-0058	EA	Two Duplex Receptacles, 4-11/16" Square Steel Exposed Work Cover	19.68	6.54
26 05 33 16-0059	EA	One Toggle Switch And One Duplex Receptacle, 4-11/16" Square Steel Exposed Work Cover	22.85	6.54
26 05 33 16-0060	EA	One 1.594" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover	21.75	6.54
26 05 33 16-0061	EA	One 2.141" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover	21.75	6.54
26 05 33 16-0062	EA	One 2.625" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover	21.75	6.54
26 05 33 16-0063	EA	Flat, 4-11/16" Square Steel Exposed Work Cover	14.64	6.54
26 05 33 16-0064		**Steel Square Box Brackets** *(26 05 33 16-0001)*		
26 05 33 16-0065	EA	16" Or 24" Width Box Bracket, For Multiple 1-1/2" And 2-1/8" Deep Boxes	20.85	9.83
26 05 33 16-0066	EA	Single Box Bracket, One 4" Or 4-11/16" Square Box	14.95	6.55
26 05 33 16-0067	EA	16" Box Bracket, Up To Three 4" Or 4-11/16" Square Boxes	23.67	9.83
26 05 33 16-0068	EA	24" Box Bracket, Up To Four 4" Or 4-11/16" Square Boxes	25.12	9.83
26 05 33 16-0069		**4" Octagon Steel Boxes And Covers** *(26 05 33 16-0001)*		
26 05 33 16-0070	EA	1-1/2" Depth, 4" Steel Octagon Box	34.85	16.37
		For Stud Bracket, Add	*1.53*	
26 05 33 16-0071	EA	2-1/8" Depth, 4" Steel Octagon Box	35.87	16.37
26 05 33 16-0072	EA	Flat, 4" Octagon Steel Exposed Work Cover	13.86	6.54
26 05 33 16-0073		**4" Steel Octagonal Concrete Rings And Steel Covers** *(26 05 33 16-0001)*		
		Note: Placed in concrete slabs or walls.		
26 05 33 16-0074	EA	2" Depth, 4" Steel Octagonal Concrete Ring	57.01	
26 05 33 16-0075	EA	2-1/2" Depth, 4" Steel Octagonal Concrete Ring	60.39	
26 05 33 16-0076	EA	3" Depth, 4" Steel Octagonal Concrete Ring	63.20	
26 05 33 16-0077	EA	3-1/2" Depth, 4" Steel Octagonal Concrete Ring	65.96	
26 05 33 16-0078	EA	4" Depth, 4" Steel Octagonal Concrete Ring	71.39	
26 05 33 16-0079	EA	5" Depth, 4" Steel Octagonal Concrete Ring	77.01	
26 05 33 16-0080	EA	6" Depth, 4" Steel Octagonal Concrete Ring	81.50	
26 05 33 16-0081	EA	Flat, 4" Steel Octagonal Concrete Cover	15.27	6.54
26 05 33 16-0082		**4-1/2" Steel Gang Boxes** *(26 05 33 16-0001)*		
26 05 33 16-0083	EA	2 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	49.33	16.37
26 05 33 16-0084	EA	3 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	54.07	17.68
26 05 33 16-0085	EA	4 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	64.33	19.64
26 05 33 16-0086	EA	5 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	82.26	21.60
26 05 33 16-0087	EA	6 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	118.42	23.57
26 05 33 16-0088	EA	2 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	65.13	16.37
26 05 33 16-0089	EA	3 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	70.90	17.68
26 05 33 16-0090	EA	4 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	92.75	19.64
26 05 33 16-0091	EA	5 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	117.60	21.60
26 05 33 16-0092	EA	6 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	188.31	23.57
26 05 33 16-0093	EA	2 Device, Gang Box Mud Ring	21.32	6.54
26 05 33 16-0094	EA	3 Device, Gang Box Mud Ring	21.58	6.54
26 05 33 16-0095	EA	4 Device, Gang Box Mud Ring	24.63	6.54
26 05 33 16-0096	EA	5 Device, Gang Box Mud Ring	29.86	6.54
26 05 33 16-0097	EA	6 Device, Gang Box Mud Ring	41.34	6.54
26 05 33 16-0098	EA	2 Device, Gang Box Flat Cover	18.70	6.54
26 05 33 16-0099	EA	3 Device, Gang Box Flat Cover	21.55	6.54
26 05 33 16-0100	EA	4 Device, Gang Box Flat Cover	25.33	6.54
26 05 33 16-0101	EA	5 Device, Gang Box Flat Cover	30.15	6.54
26 05 33 16-0102	EA	6 Device, Gang Box Flat Cover	42.15	6.54
26 05 33 16-0103		**Steel Switch Boxes** *(26 05 33 16-0001)*		
26 05 33 16-0104	EA	2-1/2" Depth, 3" x 2", Stud Bracket, Steel Switch Box	36.82	16.37
26 05 33 16-0105	EA	2-3/4" Depth, 3" x 2", Stud Bracket, Steel Switch Box	37.26	16.37
26 05 33 16-0106	EA	3-1/2" Depth, 3" x 2", Stud Bracket, Steel Switch Box	39.54	16.37
26 05 33 16-0107	EA	2-1/2" Depth, 2 Device, Stud Bracket, Steel Box	44.66	16.37
26 05 33 16-0108	EA	2-1/2" Depth, 3 Device, Stud Bracket, Steel Box	45.11	16.37
26 05 33 16-0109	EA	2-1/2" Depth, 4 Device, Stud Bracket, Steel Box	52.05	16.37
26 05 33 16-0110		**4" x 2" Steel Handy Boxes, Extension Rings And Covers** *(26 05 33 16-0001)*		
26 05 33 16-0111	EA	1-1/2" Deep, 4" x 2" Steel Handy Box	34.73	16.37
		For Stud Bracket, Add	*2.47*	
26 05 33 16-0112	EA	1-7/8" Deep, 4" x 2" Steel Handy Box	35.21	16.37
		For Stud Bracket, Add	*1.06*	
26 05 33 16-0113	EA	2-1/8" Deep, 4" x 2" Steel Handy Box	36.26	16.37
		For Stud Bracket, Add	*1.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0114	EA	1-1/2" Deep, 4" x 2" Steel Handy Box Extension Ring	22.51	9.82
26 05 33 16-0115	EA	1-7/8" Deep, 4" x 2" Steel Handy Box Extension Ring	22.03	9.82
26 05 33 16-0116	EA	GFI Receptacle, 2" x 4" Steel Handy Box Exposed Work Cover	7.57	3.28
26 05 33 16-0117	EA	1.406" Diameter Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover	7.66	3.28
26 05 33 16-0118	EA	Duplex Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover	7.22	3.28
26 05 33 16-0119	EA	Toggle Switch, 4" x 2" Steel Handy Box Exposed Work Cover	7.25	3.28
26 05 33 16-0120	EA	1.594" Diameter Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover	8.15	3.28
26 05 33 16-0121	EA	Flat, 2" x 4" Steel Handy Box Exposed Work Cover	7.25	3.28
26 05 33 16-0122		**3-1/2" Depth, 3-3/4" Steel Masonry Boxes** *(26 05 33 16-0001)*		
26 05 33 16-0123	EA	1 Device, 3-1/2" Depth, 3-3/4" Steel Masonry Box	51.39	22.92
26 05 33 16-0124	EA	2 Device, 3-1/2" Depth, 3-3/4" Steel Masonry Box	56.84	24.23
26 05 33 16-0125	EA	3 Device, 3-1/2" Depth, 3-3/4" Steel Masonry Box	64.41	26.19
26 05 33 16-0126	EA	4 Device, 3-1/2" Depth, 3-3/4" Steel Masonry Box	72.89	28.81
26 05 33 16-0127		**Cast Boxes** *(26 05 33 16)* Note: For flush or surface mount.		
26 05 33 16-0128		**Cast Iron Alloy Boxes** *(26 05 33 16-0127)* See CSI section 26 27 26 00-0257 for box covers.		
26 05 33 16-0129		**Shallow, Single Gang Cast Iron Alloy Boxes** *(26 05 33 16-0128)* Note: Up to 2" deep boxes.		
26 05 33 16-0130	EA	1/2" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box Note: One hub.	119.86	39.29
26 05 33 16-0131	EA	3/4" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box Note: One hub.	127.55	45.83
26 05 33 16-0132	EA	1" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box Note: One hub.	149.46	55.65
26 05 33 16-0133	EA	1/2" Depth, Type FSC, Shallow, Single Gang Cast Iron Alloy Box Note: Two hub.	148.33	52.39
26 05 33 16-0134	EA	3/4" Depth, Type FSC, Shallow, Single Gang Cast Iron Alloy Box Note: Two hub.	191.74	62.21
26 05 33 16-0135	EA	1/2" Depth, Type FSL, Shallow, Single Gang Cast Iron Alloy Box Note: Two hub.	147.63	52.39
26 05 33 16-0136	EA	3/4" Depth, Type FSL, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	177.88	62.21
26 05 33 16-0137	EA	1/2" Depth, Type FSR, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	152.09	52.39
26 05 33 16-0138	EA	3/4" Depth, Type FSR, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	177.95	62.21
26 05 33 16-0139	EA	1/2" Depth, Type FSS, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	147.63	52.39
26 05 33 16-0140	EA	3/4" Depth, Type FSS, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	172.44	62.21
26 05 33 16-0141	EA	1/2" Depth, Type FSCA, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	174.56	65.48
26 05 33 16-0142	EA	3/4" Depth, Type FSCA, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	206.10	78.58
26 05 33 16-0143	EA	1/2" Depth, Type FSCC, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	183.10	65.48
26 05 33 16-0144	EA	3/4" Depth, Type FSCC, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	238.69	78.58
26 05 33 16-0145	EA	1/2" Depth, Type FSCT, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	188.68	65.48
26 05 33 16-0146	EA	3/4" Depth, Type FSCT, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	225.29	78.58
26 05 33 16-0147	EA	1/2" Depth, Type FST, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	173.83	65.48
26 05 33 16-0148	EA	3/4" Depth, Type FST, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	229.07	78.58
26 05 33 16-0149	EA	1/2" Depth, Type FSX, Shallow, Single Gang Cast Iron Alloy Box Note: Four hubs.	223.75	78.58
26 05 33 16-0150	EA	3/4" Depth, Type FSX, Shallow, Single Gang Cast Iron Alloy Box Note: Four hubs.	269.87	94.94
26 05 33 16-0151		**Deep, Single Gang Cast Iron Alloy Boxes** *(26 05 33 16-0128)* Note: >2" deep boxes.		
26 05 33 16-0152	EA	1/2" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box Note: One hub.	126.16	39.29
26 05 33 16-0153	EA	3/4" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box Note: One hub.	145.02	45.83
26 05 33 16-0154	EA	1" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box Note: One hub.	169.61	55.65
26 05 33 16-0155	EA	1/2" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	159.84	52.39
26 05 33 16-0156	EA	3/4" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	183.80	62.21
26 05 33 16-0157	EA	1" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	220.69	75.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0158	EA	3/4" Depth, Type FDS, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	199.49	62.21
26 05 33 16-0159	EA	3/4" Depth, Type FDCC, Deep, Single Gang Cast Iron Alloy Box Note: Three hubs.	257.28	78.58
26 05 33 16-0160		**Shallow, Two Gang Cast Iron Alloy Boxes** *(26 05 33 16-0128)* Note: Up to 2" deep boxes.		
26 05 33 16-0161	EA	1/2" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box Note: One hub.	146.20	42.57
26 05 33 16-0162	EA	3/4" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box Note: One hub.	161.15	49.11
26 05 33 16-0163	EA	1" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box Note: One hub.	186.40	58.93
26 05 33 16-0164	EA	1/2" Depth, Type FSC, Shallow, Two Gang Cast Iron Alloy Box Note: Two hubs.	175.42	55.65
26 05 33 16-0165	EA	3/4" Depth, Type FSC, Shallow, Two Gang Cast Iron Alloy Box Note: Two hubs.	198.29	65.48
26 05 33 16-0166		**Deep, Two Gang Cast Iron Alloy Boxes** *(26 05 33 16-0128)* Note: >2" deep boxes.		
26 05 33 16-0167	EA	1/2" Depth, Type FD, Deep, Two Gang Cast Iron Alloy Box Note: One hub.	165.10	42.57
26 05 33 16-0168	EA	3/4" Depth, Type FD, Deep, Two Gang Cast Iron Alloy Box Note: One hub.	178.93	49.11
26 05 33 16-0169	EA	1/2" Depth, Type FDC, Deep, Two Gang Cast Iron Alloy Box Note: Two hubs.	203.87	55.65
26 05 33 16-0170	EA	3/4" Depth, Type FDC, Deep, Two Gang Cast Iron Alloy Box Note: Two hubs.	228.34	65.48
26 05 33 16-0171		**Cast Aluminum Boxes** *(26 05 33 16-0127)* See CSI section 26 27 26 00-0257 for box covers.		
26 05 33 16-0172		**Shallow, Single Gang Cast Aluminum Boxes** *(26 05 33 16-0171)* Note: Up to 2" deep boxes.		
26 05 33 16-0173	EA	1/2" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box Note: One hub.	106.76	32.74
26 05 33 16-0174	EA	3/4" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box Note: One hub.	121.51	39.29
26 05 33 16-0175	EA	1" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box Note: One hub.	132.73	49.11
26 05 33 16-0176	EA	1/2" Depth, Type FSA, Shallow, Single Gang Cast Aluminum Box Note: One hub.	99.43	32.74
26 05 33 16-0177	EA	3/4" Depth, Type FSA, Shallow, Single Gang Cast Aluminum Box Note: One hub.	126.68	39.29
26 05 33 16-0178	EA	1/2" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	133.66	45.83
26 05 33 16-0179	EA	3/4" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	160.33	55.65
26 05 33 16-0180	EA	1" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	201.65	68.75
26 05 33 16-0181	EA	1/2" Depth, Type FSL, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	146.41	45.83
26 05 33 16-0182	EA	3/4" Depth, Type FSL, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	154.12	55.65
26 05 33 16-0183	EA	1/2" Depth, Type FSLB, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	139.16	45.83
26 05 33 16-0184	EA	3/4" Depth, Type FSLB, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	158.46	55.65
26 05 33 16-0185	EA	1/2" Depth, Type FSR, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	134.47	45.83
26 05 33 16-0186	EA	3/4" Depth, Type FSR, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	158.46	55.65
26 05 33 16-0187	EA	1/2" Depth, Type FSS, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	123.66	45.83
26 05 33 16-0188	EA	3/4" Depth, Type FSS, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	169.96	55.65
26 05 33 16-0189	EA	1/2" Depth, Type FSCA, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	157.31	58.93
26 05 33 16-0190	EA	3/4" Depth, Type FSCA, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	190.96	72.03
26 05 33 16-0191	EA	1/2" Depth, Type FSCC, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	168.52	58.93
26 05 33 16-0192	EA	3/4" Depth, Type FSCC, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	229.80	72.03
26 05 33 16-0193	EA	1/2" Depth, Type FSCT, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	167.58	58.93
26 05 33 16-0194	EA	3/4" Depth, Type FSCT, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	205.73	72.03
26 05 33 16-0195	EA	3/4" Depth, Type FST, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	209.07	72.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0196	EA	1/2" Depth, Type FSX, Shallow, Single Gang Cast Aluminum Box Note: Four hubs.	204.27	72.03
26 05 33 16-0197	EA	3/4" Depth, Type FSX, Shallow, Single Gang Cast Aluminum Box Note: Four hubs.	249.14	88.40
26 05 33 16-0198		**Deep, Single Gang Cast Aluminum Boxes** *(26 05 33 16-0171)* Note: >2" deep boxes.		
26 05 33 16-0199	EA	1/2" Depth, Type FD, Deep, Single Gang Cast Aluminum Box Note: One hub.	119.77	32.74
26 05 33 16-0200	EA	3/4" Depth, Type FD, Deep, Single Gang Cast Aluminum Box Note: One hub.	143.45	39.29
26 05 33 16-0201	EA	1" Depth, Type FD, Deep, Single Gang Cast Aluminum Box Note: One hub.	162.90	49.11
26 05 33 16-0202	EA	3/4" Depth, Type FDA, Deep, Single Gang Cast Aluminum Box Note: One hub.	155.33	39.29
26 05 33 16-0203	EA	1/2" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	150.48	45.83
26 05 33 16-0204	EA	3/4" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	180.98	55.65
26 05 33 16-0205	EA	1" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	199.71	68.75
26 05 33 16-0206	EA	3/4" Depth, Type FDS, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	183.74	55.65
26 05 33 16-0207	EA	3/4" Depth, Type FDCC, Deep, Single Gang Cast Aluminum Box Note: Three hubs.	223.07	72.03
26 05 33 16-0208		**Shallow, Two Gang Cast Aluminum Boxes** *(26 05 33 16-0171)* Note: Up to 2" deep boxes.		
26 05 33 16-0209	EA	1/2" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	144.53	36.01
26 05 33 16-0210	EA	3/4" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	164.95	42.57
26 05 33 16-0211	EA	1" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	174.34	52.39
26 05 33 16-0212	EA	1/2" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box Note: Two hubs.	178.93	49.11
26 05 33 16-0213	EA	3/4" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box Note: Two hubs.	178.79	58.93
26 05 33 16-0214	EA	1" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box Note: Two hubs.	221.18	72.03
26 05 33 16-0215		**Deep, Two Gang Cast Aluminum Boxes** *(26 05 33 16-0171)* Note: >2" deep boxes.		
26 05 33 16-0216	EA	1/2" Depth, Type FD, Deep, Two Gang Cast Aluminum Box Note: One hub.	144.38	36.01
26 05 33 16-0217	EA	3/4" Depth, Type FD, Deep, Two Gang Cast Aluminum Box Note: One hub.	166.73	42.57
26 05 33 16-0218	EA	1/2" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	182.99	49.11
26 05 33 16-0219	EA	3/4" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	205.99	58.93
26 05 33 16-0220	EA	1/2" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	182.99	49.11
26 05 33 16-0221	EA	3/4" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	205.99	58.93
26 05 33 16-0222		**Shallow, Three Gang Cast Aluminum Boxes** *(26 05 33 16-0171)* Note: Up to 2" deep boxes.		
26 05 33 16-0223	EA	1/2" Depth, Type FSC, Shallow, Three Gang Cast Aluminum Box Note: Two hubs.	191.70	52.39
26 05 33 16-0224	EA	3/4" Depth, Type FSC, Shallow, Three Gang Cast Aluminum Box Note: Two hubs.	213.66	62.21
26 05 33 16-0225		**Deep, Three Gang Cast Aluminum Boxes** *(26 05 33 16-0171)* Note: >2" deep boxes.		
26 05 33 16-0226	EA	3/4" Depth, Type FD, Deep, Three Gang Cast Aluminum Box Note: One hub.	224.37	45.83
26 05 33 16-0227	EA	1" Depth, Type FD, Deep, Three Gang Cast Aluminum Box Note: One hub.	248.19	55.65
26 05 33 16-0228		**Poke Thru Units** *(26 05 33 16)*		
26 05 33 16-0229		**Surface Poke Thru Units** *(26 05 33 16-0228)* Note: Excludes concrete drilling.		
26 05 33 16-0230	EA	Single 20 Amperes, Duplex Receptacle RC3 Power And Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black non-metallic cover. Excludes communication jacks. Wiremold RC3ATCAL.	565.92	49.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0231	EA	Retrofit Kit Upgrades Existing RC3 Series Power And Communications Poke Thru Unit To Meet Scrub Water Requirements Note: Includes 20 Amp duplex receptacle. Tile or carpet with brushed aluminum flange with black non-metallic cover. Wiremold RC3KTCAL.	361.57	
26 05 33 16-0232	EA	20 Amperes, Replacement Duplex Receptacle For RC3 Series Power And Communications Poke Thru Unit Note: Wiremold RC37REC.	50.69	13.10
26 05 33 16-0233	EA	Abandonment Plate For RC3 Series Power And Communications Poke Thru Unit Note: Wiremold RC3APTCBK.	60.72	6.54
26 05 33 16-0234	EA	Four 20 Amperes, Receptacles RC4 Power And Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black non-metallic cover. Excludes communication jacks. Wiremold RC4ATCAL.	639.86	52.39
26 05 33 16-0235	EA	Retrofit Kit Upgrades Existing RC4 Series Power And Communications Poke Thru Unit To Meet Scrub Water Requirements Note: Includes two 20 Amp duplex receptacles. Tile or carpet with brushed aluminum flange with black non-metallic cover. Excludes communication jacks. Wiremold RC4KTCAL.	338.66	
26 05 33 16-0236	EA	Two 20 Amperes, Replacement Duplex Receptacles For RC4 Series Power And Communications Poke Thru Unit Note: Wiremold RC4REC2.	86.73	19.64
26 05 33 16-0237	EA	Abandonment Plate For RC4 Series Power And Communications Poke Thru Unit Note: Wiremold RC4APTCBK.	60.72	6.54
26 05 33 16-0238	EA	Abandonment Plug For RC4 Series Power And Communications Poke Thru Unit Note: Wiremold ABPLUG4.	176.58	13.10
26 05 33 16-0239	EA	Four Jack RC9AMD Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black non-metallic cover. Includes bezels to accept four Ortronics TracJack inserts and two Ortronics Series II inserts. Excludes communication jacks. Wiremold RC9AMDTCAL.	506.58	45.83
26 05 33 16-0240	EA	Abandonment Plate For RC9 Series Communications Poke Thru Unit Note: Wiremold RC9APTCBK.	42.31	6.54
26 05 33 16-0241	EA	Eight Jack AMD8 Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black non-metallic cover. Includes bezels to accept eight Ortronics TracJack inserts and four Ortronics Series II inserts. Excludes communication jacks. Wiremold AMD8ATCAL.	504.26	45.83
26 05 33 16-0242	EA	Communication Conduit Adapter For Poke Thru Units Note: Includes two conduit connections for communication systems. Wiremold COM75.	58.70	6.54
26 05 33 16-0243		**Recessed Poke Thru Units** *(26 05 33 16-0228)* Note: Excludes concrete drilling.		
26 05 33 16-0244		**Evolution 6AT Poke Thru Units** *(26 05 33 16-0243)* Note: Excludes concrete drilling.		
26 05 33 16-0245	EA	Recessed Prewired Assembly With Surface Style Cover (Wiremold 6ATCP) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	980.59	52.39
26 05 33 16-0246	EA	Recessed Prewired Assembly With Flush Style Cover (Wiremold 6ATP) Note: For tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	980.71	52.39
26 05 33 16-0247	EA	Recessed Assembly With Surface Style Cover (Wiremold 6ATC) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	934.39	52.39
26 05 33 16-0248	EA	Recessed Assembly With Flush Style Cover (Wiremold 6AT) Note: For tile, wood or laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	934.39	52.39
26 05 33 16-0249	EA	Recessed Prewired Audio/Video Assembly With Surface Style Cover (Wiremold 6ATCPA) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	980.59	52.39
26 05 33 16-0250	EA	Recessed Prewired Audio/Video Assembly With Flush Style Cover (Wiremold 6ATPA) Note: For tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	980.59	52.39
26 05 33 16-0251	EA	Recessed Furniture Feed Assembly With Surface Style Cover (Wiremold 6ATCFF) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Die-cast aluminum cover assembly provides one (1) 3/4" trade size screw plug opening and one (1) concentric 2" to 1 1/4" trade size screw plug opening and is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	895.28	52.39
26 05 33 16-0252	EA	Recessed Assembly With Disposable Plate (Wiremold 6STC) Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. No device plates are included. For use with the following cover assemblies (purchased separately): 6CTC, 6CT, and 6CFFTC Series.	559.86	49.11
26 05 33 16-0253	EA	Recessed Prewired Audio/Video Assembly With Disposable Plate (Wiremold 6STCPAV) Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies(purchased separately): 6CTC and 6CT Series.	600.72	49.11
26 05 33 16-0254	EA	Recessed Prewired Assembly With Disposable Plate (Wiremold 6STCP) Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 6CTC and 6CT Series.	604.77	49.11
26 05 33 16-0255	EA	6" Pre-Pour Poke-Thru Sleeve (Wiremold 6PPS) Note: Non-metallic sleeve attaches to structural decking and maintains 6" to 6-1/8" diameter cast in core hole. Unit includes three (3) attachment legs, two (2) end caps and three (3) thumb screws.	170.34	26.19

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26 05 33 16-0256	EA	Surface Style Cover Assembly (Wiremold 6CTC) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: black (BK), gray (GY), nickel (NK), brass (BS), and bronze (BZ). 6CTC Series cover assemblies designed for use with 6STC, 6STCP, and 6STCPAV Poke-Thru Stem Assemblies.	395.94	13.10
26 05 33 16-0257	EA	Flush Style Cover Assembly (Wiremold 6CT) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: black (BK), gray (GY), nickel (NK), brass (BS), and bronze (BZ). 6CT Series cover assemblies designed for use with 6STC, 6STCP and 6STCPAV Poke-Thru Stem Assemblies. Includes one (1) 6TS Tile Shim.	395.94	13.10
26 05 33 16-0258	EA	Furniture Feed Cover Assembly (Wiremold 6CFFTC) Note: Surface style, die-cast aluminum cover assembly, with one (1) 3/4" trade size screw plug opening, and one (1) concentric 2" to 1-1/4" trade size screw plug opening. Cover assembly is available in finishes: black (BK), gray(GY), nickel (NK), brass (BS), and bronze (BZ). 6CFFTC Series Cover Assemblies designed for use with 6STC Poke- Thru Stem Assembly. Includes one (1) 3/4" and one (1) 2" trade size conduit fittings and one (1) divider to separate services.	328.93	13.10
26 05 33 16-0259	EA	Tile Shim (Wiremold 6TS) Note: Used for floor coverings greater than 5/16" The 6TS will allow the top surface of the cover to be flush with the finished floor. Includes: two (2) 1/8" thick shims and two (2) 1/16" thick shims. Up to a total of 3/8" of adjustment.	47.45	3.28
26 05 33 16-0260	EA	Device Mounting Plate (Wiremold 6AAP) Note: Device plate that will accept up to two (2) Extron® Electronics AAP style plates. For use in the center compartment only. Devices supplied by others.	22.82	6.54
26 05 33 16-0261	EA	Device Mounting Plate (Wiremold 6ACT8A) Note: Device plate that will accept up to eight (8) ports of communication devices. For use in the center compartment only. Devices supplied by others.	26.45	6.54
26 05 33 16-0262	EA	Device Mounting Plate (Wiremold 6B) Note: Device plate used to blank off center compartment, when no devices are used.	22.71	6.54
26 05 33 16-0263	EA	Device Mounting Plate (Wiremold 6DEC) Note: Device plate that will accept Decorator style devices such as 20 amperes receptacles, GFCIs, 106 adapters or A/V devices. For use in the center compartment only. Devices supplied by others.	22.78	6.54
26 05 33 16-0264	EA	Device Mounting Plate (Wiremold 6DP) Note: Device plate that will accept standard 20 amperes duplex receptacle or duplex Turnlok receptacle. For use in the center compartment only. Devices supplied by others.	22.62	6.54
26 05 33 16-0265	EA	Device Mounting Plate (Wiremold 6MAAP) Note: Device plate that will accept up to six (6) Extron® Electronics MAAP style plates. For use in the center compartment only. Devices supplied by others.	26.83	6.54
26 05 33 16-0266	EA	Device Mounting Plate (Wiremold 6MAAP2A) Note: Combination device plate that will accept up to three (3) Extron® Electronics MAAP style plates, and up to two (2) ports of communication devices. For use in the center compartment only. Devices supplied by others.	26.54	6.54
26 05 33 16-0267	EA	Mosaic Mounting Plate (Wiremold 6MOS) Note: Device plate will accept two (2) standard [45mm x 45mm] or one (1) standard [45mm x 90mm] Mosaic style device(s). Devices supplied by others.	27.20	6.54
26 05 33 16-0268	EA	Device Mounting Plate (Wiremold 6S1) Note: Receptacle opening 1 3/8". For 6" poke-thru units only.	22.28	6.54
26 05 33 16-0269	EA	Device Mounting Plate (Wiremold 6S2) Note: Receptacle opening 1 9/16". For 6" poke-thru units only.	22.29	6.54
26 05 33 16-0270	EA	Device Mounting Plate (Wiremold 6SER) Note: Device plate that will accept up to four (4) Ortronics® Series II dual modular inserts. For use in the center compartment only. Devices supplied by others.	21.98	6.54
26 05 33 16-0271	EA	Device Mounting Plate (Wiremold 6TRAC) Note: Device plate that will accept up to eight (8) Ortronics® TracJack devices. For use in the center compartment only. Devices supplied by others.	21.98	6.54
26 05 33 16-0272	EA	20 Amperes, Duplex Receptacles (Wiremold 68REC) Note: Two (2) proprietary 20 amperes duplex power receptacles with mounting plates. Designed to fit in either of the two side compartments in both the 6ATC and the 8ATC Series Poke-Thru Devices. Receptacle can be wired as a standard or isolated ground device.	53.48	9.82
26 05 33 16-0273	EA	Device Mounting Plate (Wiremold 68B) Note: Blank plate. Used to blank off either of the side compartments when no devices or cabling are to be used.	20.07	6.54
26 05 33 16-0274	EA	Device Mounting Plate (Wiremold 68MAAP) Note: Device plate that will accept up to two (2) Extron® Electronics MAAP device plates. For use in either of the two side compartments only. Not for use in the center compartment. Extron Devices supplied by others.	20.59	6.54
26 05 33 16-0275	EA	20 Amperes, Duplex Receptacles (Wiremold 68REC-25) Note: Two (2) proprietary 20 amperes duplex power receptacles with mounting plates and 25' leads. Designed to fit in either of the two side compartments in both the 6ATC and the 8ATC Series Poke-Thru Devices. Receptacle can be wired as a standard or isolated	169.95	11.78
26 05 33 16-0276	EA	Device Mounting Plate (Wiremold 682A) Note: Device plate that will accept up to two (2) ports of communication devices. For use in either of the two side compartments only. Not for use in the center compartment. Communication devices supplied by others.	26.21	6.54
26 05 33 16-0277	EA	Bottom Housing Assembly (Wiremold 5PTHA) Note: Half-gang pass through housing assembly. Designed to allow pass through of communication cables when no conduit is required. For use on side compartments only.	27.34	6.54
26 05 33 16-0278	EA	Bottom Housing Assembly (Wiremold 5BLH) Note: Half-gang blank housing assembly. Designed to blank off compartment when no cable pass through is required. For use on side compartments only. Includes tunnels for 6" and 8" poke-thru devices.	28.13	6.54
26 05 33 16-0279	EA	Bottom Housing Assembly (Wiremold 152CHA) Note: One and a half-gang 2" trade size conduit housing assembly. Recommended for use with furniture feed devices (6ATCFF). Covers the center compartment and one of the side compartments.	42.93	13.10
26 05 33 16-0280	EA	Bottom Housing Assembly (Wiremold 575CHA) Note: Half-gang 3/4" trade size conduit housing assembly. Includes junction box attached to 3/4" trade size conduit for electrical power connections. For use on side compartments only.	49.06	16.37
26 05 33 16-0281	EA	Bottom Housing Assembly (Wiremold 175CHA) Note: One-gang 3/4" trade size conduit housing assembly. Includes junction box attached to 3/4" trade size conduit for electrical power connections.	54.26	16.37
26 05 33 16-0282	EA	Bottom Housing Assembly (Wiremold 1125CHA) Note: One-gang 1 1/4" trade size conduit housing assembly.	41.17	13.10

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26 05 33 16-0283	EA	Bottom Housing Assembly (Wiremold 1PTHA) Note: One-gang pass through housing assembly. Designed to allow pass through of communication cables when no conduit is required.	27.14	6.54
26 05 33 16-0284	EA	Bottom Housing Assembly (Wiremold 1BLH) Note: One-gang blank housing assembly. Designed to blank off compartment when no cable pass through is required.	27.14	6.54
26 05 33 16-0285	EA	Bottom Housing Assembly (Wiremold 15FFHA) Note: One and a half-gang pass through conduit housing assembly. Used for furniture feed applications on the center compartment only. Only for use with 6AT Series units.	28.64	6.54
26 05 33 16-0286	EA	Bottom Housing Assembly (Wiremold 1BHA) Note: One-gang bottom housing assembly. Designed to accept 175CHA, 1125CHA, 1PTHA, and 1BLH plates.	29.65	6.54
26 05 33 16-0287		**Evolution 8AT Poke Thru Units** *(26 05 33 16-0243)* Note: Excludes concrete drilling.		
26 05 33 16-0288	EA	Recessed Prewired Assembly With Surface Style Cover (Wiremold 8ATCP) Note: For carpet, tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	1,287.90	52.39
26 05 33 16-0289	EA	Recessed Prewired Assembly With Flush Style Cover (Wiremold 8ATP) Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" [83mm] below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	1,225.56	52.39
26 05 33 16-0290	EA	Recessed Prewired Assembly With Flush Style Cover (Wiremold 8AT2P) Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" [83mm] below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	1,302.02	52.39
26 05 33 16-0291	EA	Recessed Assembly With Surface Style Cover (Wiremold 8ATC) Note: For carpet, tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	1,213.82	52.39
26 05 33 16-0292	EA	Recessed Assembly With Flush Style Cover (Wiremold 8AT) Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	1,202.70	52.39
26 05 33 16-0293	EA	Recessed Assembly With Disposable Plate (Wiremold 8STC) Note: Includes 8" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 8CTC and 8CT Series.	724.82	49.11
26 05 33 16-0294	EA	Recessed Prewired Assembly With Disposable Plate (Wiremold 8STCP) Note: Includes 8" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 8CTC and 8CT Series.	812.65	49.11
26 05 33 16-0295	EA	8" Pre-Pour Poke-Thru Sleeve (Wiremold 8PPS) Note: Non-metallic sleeve attaches to structural decking and maintains 8" to 8 1/8" diameter cast in core hole. Unit includes three (3) attachment legs, two (2) end caps and three (3) thumb screws.	204.61	26.19
26 05 33 16-0296	EA	Surface Style Cover Assembly (Wiremold 8CTC) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. 8CTC Series Cover Assemblies designed for use with 8STC and 8STCP Poke-Thru Stem Assemblies.	428.28	13.10
26 05 33 16-0297	EA	Flush Style Cover Assembly (Wiremold 8CT) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. 8CTC Series Cover Assemblies designed for use with 8STC and 8STCP Poke-Thru Stem Assemblies. Includes one (1) 8TS Tile Shim.	428.28	13.10
26 05 33 16-0298	EA	Tile Shim (Wiremold 8TS) Note: Used for floor coverings greater than 5/16". The 8TS will allow the top surface of the cover to be flush with the finished floor. Includes: two (2) 1/8" thick shims and two (2) 1/16" thick shims. Up to a total of 3/8" [9.5mm] of adjustment.	74.12	3.28
26 05 33 16-0299	EA	Device Mounting Plate (Wiremold 8B) Note: Singlegang device plate used to blank off any one (1) of the three (3) gangs in the center compartment, when no devices are used.	23.60	6.54
26 05 33 16-0300	EA	Device Mounting Plate (Wiremold 8DP) Note: Singlegang device plate that accepts standard 20 amperes duplex receptacle or a duplex Turnlok receptacle. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	23.74	6.54
26 05 33 16-0301	EA	Device Mounting Plate (Wiremold 8DEC) Note: Singlegang device plate that will accept Decorator style devices such as 20 amperes receptacles, GGCIs, 106 adapters or A/V devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	23.89	6.54
26 05 33 16-0302	EA	Device Mounting Plate (Wiremold 8ACT6A) Note: Singlegang device plate that will accept up to six (6) ports of communication devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	27.79	6.54
26 05 33 16-0303	EA	Mosaic Mounting Plate (Wiremold 8MOS) Note: Device plate accepts three (3) standard Mosaic devices. Devices supplied by others.	33.78	6.54
26 05 33 16-0304	EA	Crestron Double Gang Plate (Wiremold 8CREST) Note: Device plate accepts Crestron double-gang decorator style devices.	33.73	6.54
26 05 33 16-0305	EA	Device Mounting Plate (Wiremold 8S1) Note: Receptacle opening 1 3/8". For 8" poke-thru units only.	22.87	6.54
26 05 33 16-0306	EA	Device Mounting Plate (Wiremold 8S2) Note: Receptacle opening 1 9/16". For 8" poke-thru units only.	23.16	6.54
26 05 33 16-0307	EA	Device Mounting Plate (Wiremold 8TRAC) Note: Singlegang device plate that will accept up to six (6) Ortronics TracJack devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	22.87	6.54
26 05 33 16-0308	EA	Device Mounting Plate (Wiremold 8SER) Note: Singlegang device plate that will accept up to three (3) Ortronics Series II dual modular inserts. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	22.87	6.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0309	EA	Device Mounting Plate (Wiremold 8MAAP) Note: Singlegang device plate that will accept up to four (4) Extron® Electronics MAAP style plates. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	33.24	6.54
26 05 33 16-0310	EA	Device Mounting Plate (Wiremold 8AAP) Note: Twogang device plate that will accept up to four (4) Extron® Electronics AAP style plates. 8AAP takes up 2 of the 3 gangs in the center compartment. Devices supplied by others.	27.61	6.54
26 05 33 16-0311	EA	8" Divider (Wiremold 8DIV) Note: Divider allows for separation of services when required.	31.92	6.54
26 05 33 16-0312	EA	Bottom Housing Assembly (Wiremold 22CHA) Note: Two-gang 2" trade size conduit housing assembly. Used on 8AT Series devices. Covers two (2) of the three (3) gangs in the center compartment. Only for use with 8AT Series units.	42.93	13.10

26 05 33 23 Surface Raceways for Electrical Systems *(26 05 33)*

26 05 33 23-0001 Raceways *(26 05 33 23)*

26 05 33 23-0002 Wireway With Screw Cover *(26 05 33 23-0001)*

Note: Also known as wire trough. Galvanized steel construction. Mounted exposed on flat wall surface.

26 05 33 23-0003 2-1/2" x 2-1/2", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0004	LF	2-1/2" x 2-1/2", NEMA 1, Surface Mounted Wireway With Screw Cover	33.37	5.98
		For Combination Hinged Screw Cover, Add	*1.07*	
		For Concrete Or Masonry Surface, Add	*0.60*	
26 05 33 23-0005	EA	2-1/2" x 2-1/2", End Plate For Surface Mounted Wireway With Screw Cover	25.71	8.97
		For Combination Hinged Screw Cover, Add	*0.39*	
26 05 33 23-0006	EA	2-1/2" x 2-1/2", Coupling For Surface Mounted Wireway With Screw Cover	30.13	11.19
		For Combination Hinged Screw Cover, Add	*0.39*	
26 05 33 23-0007	EA	2-1/2" x 2-1/2", Panel Adapter For Surface Mounted Wireway With Screw Cover	64.64	20.94
		For Combination Hinged Screw Cover, Add	*1.14*	
26 05 33 23-0008	EA	2-1/2" x 2-1/2", Elbow For Surface Mounted Wireway With Screw Cover	109.98	20.94
		For Combination Hinged Screw Cover, Add	*3.41*	
26 05 33 23-0009	EA	2-1/2" x 2-1/2", Tee For Surface Mounted Wireway With Screw Cover	163.49	29.79
		For Combination Hinged Screw Cover, Add	*5.20*	
26 05 33 23-0010	EA	2-1/2" x 2-1/2", Cross For Surface Mounted Wireway With Screw Cover	183.74	32.91
		For Combination Hinged Screw Cover, Add	*5.90*	

26 05 33 23-0011 4" x 4", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0012	LF	4" x 4", NEMA 1, Surface Mounted Wireway With Screw Cover	40.80	7.54
		For Combination Hinged Screw Cover, Add	*1.29*	
		For Concrete Or Masonry Surface, Add	*0.75*	
26 05 33 23-0013	LF	4" x 4", NEMA 3R, Surface Mounted Wireway With Screw Cover	75.96	7.54
		For Combination Hinged Screw Cover, Add	*3.05*	
		For Concrete Or Masonry Surface, Add	*0.75*	
26 05 33 23-0014	EA	4" x 4", End Plate For Surface Mounted Wireway With Screw Cover	21.26	6.59
		For Combination Hinged Screw Cover, Add	*0.41*	
26 05 33 23-0015	EA	4" x 4", Coupling For Surface Mounted Wireway With Screw Cover	33.23	12.56
		For Combination Hinged Screw Cover, Add	*0.41*	
26 05 33 23-0016	EA	4" x 4", Panel Adapter For Surface Mounted Wireway With Screw Cover	75.93	25.61
		For Combination Hinged Screw Cover, Add	*1.23*	
26 05 33 23-0017	EA	4" x 4", Elbow For Surface Mounted Wireway With Screw Cover	125.78	25.61
		For Combination Hinged Screw Cover, Add	*3.73*	
26 05 33 23-0018	EA	4" x 4", Tee For Surface Mounted Wireway With Screw Cover	179.49	33.27
		For Combination Hinged Screw Cover, Add	*5.65*	
26 05 33 23-0019	EA	4" x 4", Cross For Surface Mounted Wireway With Screw Cover	207.15	38.89
		For Combination Hinged Screw Cover, Add	*6.47*	

26 05 33 23-0020 6" x 6", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0021	LF	6" x 6", NEMA 1, Surface Mounted Wireway With Screw Cover	61.98	8.97
		For Combination Hinged Screw Cover, Add	*2.20*	
		For Concrete Or Masonry Surface, Add	*0.90*	
26 05 33 23-0022	LF	6" x 6", NEMA 3R, Surface Mounted Wireway With Screw Cover	123.65	8.97
		For Combination Hinged Screw Cover, Add	*5.28*	
		For Concrete Or Masonry Surface, Add	*0.90*	
26 05 33 23-0023	EA	6" x 6", End Plate For Surface Mounted Wireway With Screw Cover	27.39	7.18
		For Combination Hinged Screw Cover, Add	*0.65*	
26 05 33 23-0024	EA	6" x 6", Coupling For Surface Mounted Wireway With Screw Cover	42.95	14.96
		For Combination Hinged Screw Cover, Add	*0.65*	
26 05 33 23-0025	EA	6" x 6", Panel Adapter For Surface Mounted Wireway With Screw Cover	110.12	29.79
		For Combination Hinged Screw Cover, Add	*2.53*	
26 05 33 23-0026	EA	6" x 6", Elbow For Surface Mounted Wireway With Screw Cover	162.76	29.79
		For Combination Hinged Screw Cover, Add	*5.16*	
26 05 33 23-0027	EA	6" x 6", Tee For Surface Mounted Wireway With Screw Cover	259.95	37.21
		For Combination Hinged Screw Cover, Add	*9.28*	
26 05 33 23-0028	EA	6" x 6", Cross For Surface Mounted Wireway With Screw Cover	280.53	43.07
		For Combination Hinged Screw Cover, Add	*9.72*	

26 05 33 23-0029 8" x 8", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0030	LF	8" x 8", NEMA 1, Surface Mounted Wireway With Screw Cover	102.08	9.81
		For Combination Hinged Screw Cover, Add	*4.13*	
		For Concrete Or Masonry Surface, Add	*0.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0031	LF	8" x 8", NEMA 3R, Surface Mounted Wireway With Screw Cover	189.89	9.81
		For Combination Hinged Screw Cover, Add	*8.52*	
		For Concrete Or Masonry Surface, Add	*0.98*	
26 05 33 23-0032	EA	8" x 8", End Plate For Surface Mounted Wireway With Screw Cover	30.22	7.78
		For Combination Hinged Screw Cover, Add	*0.73*	
26 05 33 23-0033	EA	8" x 8", Coupling For Surface Mounted Wireway With Screw Cover	46.97	16.16
		For Combination Hinged Screw Cover, Add	*0.73*	
26 05 33 23-0034	EA	8" x 8", Panel Adapter For Surface Mounted Wireway With Screw Cover	123.06	32.79
		For Combination Hinged Screw Cover, Add	*2.87*	
26 05 33 23-0035	EA	8" x 8", Elbow For Surface Mounted Wireway With Screw Cover	208.55	32.79
		For Combination Hinged Screw Cover, Add	*7.15*	
26 05 33 23-0036	EA	8" x 8", Tee For Surface Mounted Wireway With Screw Cover	314.48	40.45
		For Combination Hinged Screw Cover, Add	*11.68*	
26 05 33 23-0037	EA	8" x 8", Cross For Surface Mounted Wireway With Screw Cover	442.24	49.06
		For Combination Hinged Screw Cover, Add	*17.21*	
26 05 33 23-0038		**10" x 10", Wireway With Screw Cover** *(26 05 33 23-0002)*		
26 05 33 23-0039	LF	10" x 10", NEMA 1, Surface Mounted Wireway With Screw Cover	149.42	11.37
		For Combination Hinged Screw Cover, Add	*6.33*	
		For Concrete Or Masonry Surface, Add	*1.14*	
26 05 33 23-0040	LF	10" x 10", NEMA 3R, Surface Mounted Wireway With Screw Cover	268.26	11.37
		For Combination Hinged Screw Cover, Add	*12.27*	
		For Concrete Or Masonry Surface, Add	*1.14*	
26 05 33 23-0041	EA	10" x 10", End Plate For Surface Mounted Wireway With Screw Cover	43.13	8.97
		For Combination Hinged Screw Cover, Add	*1.26*	
26 05 33 23-0042	EA	10" x 10", Coupling For Surface Mounted Wireway With Screw Cover	61.07	17.95
		For Combination Hinged Screw Cover, Add	*1.26*	
26 05 33 23-0043	EA	10" x 10", Panel Adapter For Surface Mounted Wireway With Screw Cover	167.65	35.65
		For Combination Hinged Screw Cover, Add	*4.81*	
26 05 33 23-0044	EA	10" x 10", Elbow For Surface Mounted Wireway With Screw Cover	337.25	35.65
		For Combination Hinged Screw Cover, Add	*13.29*	
26 05 33 23-0045	EA	10" x 10", Tee For Surface Mounted Wireway With Screw Cover	513.96	44.99
		For Combination Hinged Screw Cover, Add	*21.20*	
26 05 33 23-0046	EA	10" x 10", Cross For Surface Mounted Wireway With Screw Cover	738.98	50.85
		For Combination Hinged Screw Cover, Add	*31.86*	
26 05 33 23-0047		**12" x 12", Wireway With Screw Cover** *(26 05 33 23-0002)*		
26 05 33 23-0048	LF	12" x 12", NEMA 1, Surface Mounted Wireway With Screw Cover	175.30	13.76
		For Combination Hinged Screw Cover, Add	*7.39*	
		For Concrete Or Masonry Surface, Add	*1.38*	
26 05 33 23-0049	LF	12" x 12", NEMA 3R, Surface Mounted Wireway With Screw Cover	294.73	13.76
		For Combination Hinged Screw Cover, Add	*13.36*	
		For Concrete Or Masonry Surface, Add	*1.38*	
26 05 33 23-0050	EA	12" x 12", End Plate For Surface Mounted Wireway With Screw Cover	57.64	9.57
		For Combination Hinged Screw Cover, Add	*1.93*	
26 05 33 23-0051	EA	12" x 12", Coupling For Surface Mounted Wireway With Screw Cover	76.79	19.14
		For Combination Hinged Screw Cover, Add	*1.93*	
26 05 33 23-0052	EA	12" x 12", Panel Adapter For Surface Mounted Wireway With Screw Cover	223.33	38.89
		For Combination Hinged Screw Cover, Add	*7.28*	
26 05 33 23-0053	EA	12" x 12", Elbow For Surface Mounted Wireway With Screw Cover	447.92	38.89
		For Combination Hinged Screw Cover, Add	*18.51*	
26 05 33 23-0054	EA	12" x 12", Tee For Surface Mounted Wireway With Screw Cover	578.64	47.86
		For Combination Hinged Screw Cover, Add	*24.15*	
26 05 33 23-0055	EA	12" x 12", Cross For Surface Mounted Wireway With Screw Cover	953.23	53.85
		For Combination Hinged Screw Cover, Add	*42.28*	
26 05 33 23-0056		**Surface Metal Raceways** *(26 05 33 23-0001)*		
		Note: Exposed on flat wall surface.		
26 05 33 23-0057		**One Piece Surface Metal Raceways** *(26 05 33 23-0056)*		
		Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal).		
26 05 33 23-0058		**3/4" x 17/32" One Piece Surface Metal Raceways (Wiremold #500)** *(26 05 33 23-0057)*		
		Note: Available in ivory.		
26 05 33 23-0059	LF	3/4" x 17/32" One Piece Surface Metal Raceway (Wiremold #500)	5.39	1.79
		For Concrete Or Masonry Surface, Add	*0.18*	
26 05 33 23-0060	EA	Bushing (Wiremold #502)	5.21	2.40
26 05 33 23-0061	EA	One Or Two Hole Strap (Wiremold #504)	5.27	2.40
26 05 33 23-0062	EA	Connection Cover (Wiremold #506)	5.47	2.40
26 05 33 23-0063	EA	Flat 90 Degree Elbow (Wiremold #511)	8.40	2.87
26 05 33 23-0064	EA	Flat 45 Degree Elbow (Wiremold #512)	14.17	2.99
26 05 33 23-0065	EA	Adjustable Internal Elbow (Wiremold #517)	10.48	3.59
26 05 33 23-0066	EA	Adjustable External Elbow (Wiremold #518)	10.23	3.59
26 05 33 23-0067		**3/4" x 21/32" One Piece Surface Metal Raceways (Wiremold #700)** *(26 05 33 23-0057)*		
		Note: Available in ivory and white.		
26 05 33 23-0068	LF	3/4" x 21/32" One Piece Surface Metal Raceway (Wiremold #700)	6.81	2.40
		For Concrete Or Masonry Surface, Add	*0.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0069	EA	Bushing (Wiremold #702)	5.36	2.40
26 05 33 23-0070	EA	One Or Two Hole Strap (Wiremold #704)	5.53	2.40
26 05 33 23-0071	EA	Connection Cover (Wiremold #706)	5.58	2.40
26 05 33 23-0072	EA	Flat 90 Degree Elbow (Wiremold #711)	12.36	4.78
26 05 33 23-0073	EA	Flat 45 Degree Elbow (Wiremold #712)	19.75	4.78
26 05 33 23-0074	EA	Adjustable Internal Elbow (Wiremold #717)	13.37	4.78
26 05 33 23-0075	EA	Adjustable External Elbow (Wiremold #718)	12.90	4.78
26 05 33 23-0076		One Piece Surface Metal Raceways Fittings (Wiremold #500 And 700 Fittings) *(26 05 33 23-0057)*		
		Note: Available in ivory.		
26 05 33 23-0077	EA	18" Flex Fitting, For #500 Or 700 (Wiremold #5700F)	38.11	3.59
26 05 33 23-0078	EA	Galvanized Coupling For #500 Or 700 (Wiremold #5701)	5.51	2.40
26 05 33 23-0079	EA	Supporting Clip, For #500 Or 700 (Wiremold #5703)	5.51	2.40
26 05 33 23-0080	EA	Ground Clamp (Wiremold #5709)	16.38	3.59
26 05 33 23-0081	EA	Grounding Connector (Wiremold #5709GC)	13.77	3.59
26 05 33 23-0082	EA	L Or R (Left Or Right) Twisted Internal Ell (Wiremold #5711)	15.56	4.78
26 05 33 23-0083	EA	Tee (Wiremold #5715)	17.44	5.98
26 05 33 23-0084	EA	2-1/2" x 2-3/8" x 2-1/2" Corner Box (Wiremold #5719)	30.97	4.78
26 05 33 23-0085	EA	Utility Box For #500 Or #700 (Wiremold #57242)	23.70	4.78
26 05 33 23-0086	EA	2-3/8" Diameter, Blank Cover (Wiremold #5731)	12.69	2.99
26 05 33 23-0087	EA	3" Diameter, Outlet Box (Wiremold #5733)	29.48	4.78
26 05 33 23-0088	EA	4-3/4" Square x 1-3/8" Deep, Distribution Box (Wiremold #5735)	29.36	4.78
26 05 33 23-0089	EA	4-3/8" Blank Cover (Wiremold #5736)	13.47	2.99
26 05 33 23-0090	EA	4-3/4" Diameter, Extension Box/Open Base (Wiremold #5737)	26.62	4.78
26 05 33 23-0091	EA	5-1/2" Diameter, Extension Box/Open Base (Wiremold #5737A)	25.67	4.78
26 05 33 23-0092	EA	4-3/4" Diameter, Fixture Box/Solid Base (Wiremold #5738)	25.90	4.78
26 05 33 23-0093	EA	5-1/2" Diameter, Fixture Box/Solid Base (Wiremold #5738A)	25.90	4.78
26 05 33 23-0094	EA	5-1/2" Diameter, Fan Box/Solid Base (Wiremold #5738AF)	29.36	4.78
26 05 33 23-0095	EA	6-3/8" Diameter, Fixture Box/Solid Base (Wiremold #5739)	28.99	4.78
26 05 33 23-0096	EA	6-3/8" Diameter, Extension Box/Open Base (Wiremold #5739A)	30.98	4.78
26 05 33 23-0097	EA	Standard Switch Box For #500, Or #700 (Wiremold #57240)	34.64	7.78
26 05 33 23-0098	EA	Duplex Receptacle And Box, Ground, For #500 Or #700 (Wiremold #57243G)	54.47	14.96
26 05 33 23-0099	EA	2-13/16" x 4-5/8" x 1-3/8" Switch And Receptacle Box For Shallow Type Switches (Wiremold #5741)	25.92	7.78
26 05 33 23-0100	EA	1 Gang, 4-5/8" x 2-7/8" x 2-3/4" Extra Deep Switch And Receptacle Box (Wiremold #5744)	41.65	7.78
26 05 33 23-0101	EA	2 Gang, 4-3/4" x 4-3/4" x 2-3/4" Extra Deep Switch And Receptacle Box (Wiremold #5744-2)	47.89	7.78
26 05 33 23-0102	EA	3 Gang, 4-5/8" x 6-1/2" x 2-3/4" Extra Deep Switch And Receptacle Box (Wiremold #5744-3)	73.27	7.78
26 05 33 23-0103	EA	1 Gang, Signal Box (Wiremold #5744S)	37.79	6.59
26 05 33 23-0104	EA	2 Gang, Signal Box (Wiremold #5744S-2)	42.29	6.59
26 05 33 23-0105	EA	3 Gang, Signal Box (Wiremold #5744S-3)	68.38	6.59
26 05 33 23-0106	EA	4-5/8" x 2-7/8" x 1-3/4" Combination Switch And Receptacle Box With 1/2" KO's (Wiremold #5745)	27.12	7.78
26 05 33 23-0107	EA	4-5/8" x 2-7/8" x 1-3/8", 1 Gang, Shallow Switch And Receptacle Box For Standard Shallow Devices (Wiremold #5747)	23.71	7.78
26 05 33 23-0108	EA	4-3/4" x 4-3/4" x 1-3/8", 2 Gang, Shallow Switch And Receptacle Box For Standard Shallow Devices (Wiremold #5747-2)	33.79	7.78
26 05 33 23-0109	EA	4-5/8" x 6-1/2" x 2-3/4", 3 Gang, Shallow Switch And Receptacle Box For Standard Shallow Devices (Wiremold #5747-3)	66.78	7.78
26 05 33 23-0110	EA	4-5/8" x 2-7/8" x 1-3/4", 1 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748)	25.42	7.78
26 05 33 23-0111	EA	4-3/4" x 4-3/4" x 1-3/4", 2 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-2)	35.83	7.78
26 05 33 23-0112	EA	4-5/8" x 6-1/2" x 1-3/4", 3 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-3)	64.88	7.78
26 05 33 23-0113	EA	4-5/8" x 8-11/32" x 1-3/4", 4 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-4)	96.83	7.78
26 05 33 23-0114	EA	4-5/8" x 10-5/32" x 1-3/4", 5 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-5)	160.37	7.78
26 05 33 23-0115	EA	4-5/8" x 11-31/32" x 1-3/4", 6 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-6)	163.21	7.78
26 05 33 23-0116	EA	4-3/8" x 2-7/8" x 15/16" Shallow Switch And Receptacle Box For Shallow Duplex Devices (Wiremold #5748-S)	25.09	7.78
26 05 33 23-0117	EA	4-5/8" x 2-7/8" x 15/16", 1 Gang, Flush-Type Extension Adapter (Wiremold #5751)	24.37	7.78
26 05 33 23-0118	EA	4-3/4" x 4-3/4" x 15/16", 2 Gang, Flush-Type Extension Adapter (Wiremold #5751-2)	32.77	7.78
26 05 33 23-0119	EA	4-5/8" x 6-1/2" x 15/16", 3 Gang, Flush-Type Extension Adapter (Wiremold #5751-3)	65.52	7.78
26 05 33 23-0120	EA	4-5/8" x 2-7/8" x 1-3/4", 1 Gang, Deep Flush-Type Extension Adapter (Wiremold #5751A)	26.42	7.78
26 05 33 23-0121	EA	4-11/16" x 4-11/16" x 1-3/8", 2 Gang, Alarm Device Box (Wiremold #5752)	34.54	7.78
26 05 33 23-0122	EA	4-11/16" x 4-11/16" x 2-3/4", 2 Gang, Extra Deep Alarm Device Box (Wiremold #5753)	50.24	7.78
26 05 33 23-0123	EA	Blank Extension Box (Wiremold #5760)	17.41	2.99
26 05 33 23-0124	EA	1/2" Special Nipple (Wiremold #5780)	16.57	2.99
26 05 33 23-0125	EA	1/2" Box Connector (Wiremold #5781)	10.88	2.99
26 05 33 23-0126	EA	3/4" Box Connector (Wiremold #5781A)	20.81	3.59
26 05 33 23-0127	EA	1/2" Conduit Connector (Wiremold #5782)	10.98	2.99
26 05 33 23-0128	EA	3/4" Conduit Connector (Wiremold #5782A)	26.21	3.59
26 05 33 23-0129	EA	1/2" Elbow Conduit Connector (Wiremold #5784)	23.42	3.59
26 05 33 23-0130	EA	Combination Connector, To Any 3-1/4" Or 4" Outlet Box (Wiremold #5785)	12.80	3.59
26 05 33 23-0131	EA	Offset Connector (Wiremold #5786)	21.71	3.59
26 05 33 23-0132	EA	Armor Cable Connector (Wiremold #5790B)	11.15	2.99
26 05 33 23-0133	EA	1/2" Electrical Metallic Tubing (EMT) Connector, For #500 Or 700 (Wiremold #5791)	9.90	2.40
26 05 33 23-0134		1-9/16" x 11/32" One Piece Surface Metal Raceways (Wiremold #1500) *(26 05 33 23-0057)*		
		Note: Galvanized finish.		
26 05 33 23-0135	LF	1-9/16" x 11/32" One Piece Surface Metal Raceway (Wiremold #1500-10)	9.94	2.99
		For Concrete Or Masonry Surface, Add	*0.30*	
26 05 33 23-0136	EA	Wire Clip (Wiremold #1500WC)	6.09	2.40
26 05 33 23-0137	EA	Bushing (Wiremold #1502)	7.20	2.99
26 05 33 23-0138	EA	2-Hole Strap (Wiremold #1504)	8.10	3.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0139	EA	Flat Elbow (Wiremold #1511)	31.79	11.37
26 05 33 23-0140	EA	Internal Elbow (Wiremold #1517)	32.92	11.37
26 05 33 23-0141	EA	Adapter Fitting (Wiremold #1517B)	35.53	11.37
26 05 33 23-0142	EA	External Elbow (Wiremold #1518)	35.31	11.37
26 05 33 23-0143	EA	Utility Box (Wiremold #1528)	32.32	7.78
26 05 33 23-0144	EA	Junction Box (Wiremold #1542D)	33.37	7.78
26 05 33 23-0145	EA	Duplex Receptacle (Wiremold #1543GL)	65.44	14.96
26 05 33 23-0146	EA	Single Receptacle Box (Wiremold #1546A)	34.40	7.78
26 05 33 23-0147	EA	Duplex Receptacle Box (Wiremold #1546B)	42.38	7.78
26 05 33 23-0148	EA	Telephone Box (Wiremold #1546T)	41.55	7.78
26 05 33 23-0149	EA	Combination Connection (Wiremold #1585)	20.11	3.59
26 05 33 23-0150		2-7/32" x 28/32" One Piece Surface Metal Raceways (Wiremold #2600) *(26 05 33 23-0057)*		
		Note: Galvanized finish.		
26 05 33 23-0151	LF	2-7/32" x 28/32" One Piece Surface Metal Raceway (Wiremold #2600-10)	16.10	5.38
		For Concrete Or Masonry Surface, Add	*0.54*	
26 05 33 23-0152	EA	Wire Clip (Wiremold #2600WC)	6.06	2.40
26 05 33 23-0153	EA	Fiber Bushing (Wiremold #2602)	6.78	2.40
26 05 33 23-0154	EA	2-5/8", 90 Degree Flat Elbow (Wiremold #2611)	24.33	4.19
26 05 33 23-0155	EA	5" Diameter, Junction Box (Wiremold #2642D)	36.43	5.98
26 05 33 23-0156	EA	Service Fitting (Wiremold #2686FO)	35.69	7.18
26 05 33 23-0157		Two Piece Surface Metal Raceways *(26 05 33 23-0056)*		
		Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal).		
26 05 33 23-0158		1-9/32" x 3/4" Two Piece Surface Metal Raceways (Wiremold #2000) *(26 05 33 23-0157)*		
26 05 33 23-0159	LF	1-9/32" x 3/4" Two Piece Surface Metal Raceway Base And Cover (Wiremold #2000BC)	9.35	2.99
		For Concrete Or Masonry Surface, Add	*0.30*	
26 05 33 23-0160	EA	Wire Clip (Wiremold #2000WC)	4.46	2.40
26 05 33 23-0161	EA	Coupling (Wiremold #2001)	11.85	2.99
26 05 33 23-0162	EA	Supporting Clip (Wiremold #2003)	5.79	1.79
26 05 33 23-0163	EA	Cover Clip (Wiremold #2006)	5.36	1.79
26 05 33 23-0164	EA	Ground Clamp (Wiremold #2009)	14.00	2.99
26 05 33 23-0165	EA	Entrance End Fitting (Wiremold #2010A2)	27.54	8.97
26 05 33 23-0166	EA	Entrance End Fitting (Wiremold #2010A3)	47.28	11.97
26 05 33 23-0167	EA	Blank End Fitting (Wiremold #2010B)	7.27	2.99
26 05 33 23-0168	EA	Flat 90 Degree Elbow (Wiremold #2011)	23.69	7.78
26 05 33 23-0169	EA	Tee (Wiremold #2015)	43.61	11.25
26 05 33 23-0170	EA	Internal Corner Coupling (Wiremold #2017TC)	15.13	5.98
26 05 33 23-0171	EA	Single Gang Device Box (Wiremold #2048)	35.92	10.64
26 05 33 23-0172	EA	2-Gang device Box (Wiremold #2048-2)	56.91	11.85
26 05 33 23-0173	EA	Flush Plate Adapter (Wiremold #2051H)	38.90	11.85
26 05 33 23-0174	EA	Side Reducing Connector (Wiremold #2089)	32.30	5.98
26 05 33 23-0175	EA	#2089E End Reducing Connector	13.29	2.99
26 05 33 23-0176		1-7/8" x 7/8" Two Piece Surface Metal Raceways (Wiremold #2400) *(26 05 33 23-0157)*		
		Note: Available in gray enamel (G) or ivory (V).		
26 05 33 23-0177	LF	1-7/8" x 7/8" Two Piece Surface Metal Raceway Base (Wiremold #2400B)	7.97	2.99
		For Concrete Or Masonry Surface, Add	*0.30*	
26 05 33 23-0178	LF	1-7/8" x 7/8" Divided Two Piece Surface Metal Raceway Base (Wiremold #2400BD)	8.76	2.99
		For Concrete Or Masonry Surface, Add	*0.30*	
26 05 33 23-0179	LF	Raceway Cover (Wiremold #2400C)	3.22	0.60
26 05 33 23-0180	EA	Wire Clip (Wiremold #2400WC)	4.46	2.40
26 05 33 23-0181	EA	Coupling (Wiremold #2401)	11.76	2.99
26 05 33 23-0182	EA	Divided Raceway Coupling (Wiremold #2401D)	9.79	2.99
26 05 33 23-0183	EA	Cover Clip (Wiremold #2406)	5.41	1.79
26 05 33 23-0184	EA	Device Bracket Frame (Wiremold #2407-2CM)	40.60	8.97
26 05 33 23-0185	EA	Device Bracket Frame (Wiremold #2407-2TJ)	38.87	8.97
26 05 33 23-0186	EA	Ground Clamp (Wiremold #2409)	10.66	2.40
26 05 33 23-0187	EA	End Fitting (Wiremold #2410A)	26.41	8.97
26 05 33 23-0188	EA	Blank End (Wiremold #2410B)	7.34	2.99
26 05 33 23-0189	EA	Divided Blank End Fitting (Wiremold #2410BD)	7.44	2.99
26 05 33 23-0190	EA	Entrance End Fitting (Wiremold #2410C)	40.43	8.97
26 05 33 23-0191	EA	Divided Entrance End Fitting (Wiremold #2410D)	38.75	8.97
26 05 33 23-0192	EA	Divided Entrance End Fitting (Wiremold #2410DFO)	63.86	8.97
26 05 33 23-0193	EA	Full Cap Entrance End Fitting (Wiremold #2410FC)	48.80	8.97
26 05 33 23-0194	EA	Divided Flat 90 Degree Elbow (Wiremold #2411D)	29.68	8.97
26 05 33 23-0195	EA	Radiused Divided Flat 90 Degree Elbow (Wiremold #2411DFO)	47.87	8.97
26 05 33 23-0196	EA	Radiused Flat 90 Degree Elbow (Wiremold #2411FO)	42.81	8.85
26 05 33 23-0197	EA	Flat 90 Degree Elbow (Wiremold #2411M)	28.27	8.97
26 05 33 23-0198	EA	Radiused Divided Tee (Wiremold #2415DFO)	51.40	8.85
26 05 33 23-0199	EA	Radiused Tee (Wiremold #2415FO)	48.84	8.85
26 05 33 23-0200	EA	Tee (Wiremold #2415M)	33.61	8.85
26 05 33 23-0201	EA	Divided Internal Coupling (Wiremold #2417D)	27.95	8.85
26 05 33 23-0202	EA	Radiused Divided Internal Coupling (Wiremold #2417DFO)	44.22	8.85
26 05 33 23-0203	EA	Radiused Internal Coupling (Wiremold #2417FO)	42.89	8.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0204	EA	Internal Coupling (Wiremold #2417M)	27.06	8.85
26 05 33 23-0205	EA	Radiused Divided External Coupling (Wiremold #2418DFO)	48.13	8.85
26 05 33 23-0206	EA	Radiused External Coupling (Wiremold #2418FO)	47.34	8.85
26 05 33 23-0207	EA	External Coupling (Wiremold #2418M)	33.03	8.85
26 05 33 23-0208	EA	1 Gang, Extra Deep Switch And Receptacle (Wiremold #2444)	43.80	7.78
26 05 33 23-0209	EA	2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #2444-2)	48.69	7.78
26 05 33 23-0210	EA	Over Raceway, Extra Deep Switch And Receptacle Box, 2 Gang (Wiremold #2444-2LS)	48.94	7.78
26 05 33 23-0211	EA	Divided, 1 Gang, Extra Deep Switch And Receptacle (Wiremold #2444D)	46.87	7.78
26 05 33 23-0212	EA	Divided, 2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #2444D-2A)	66.40	7.78
26 05 33 23-0213	EA	Divided, Over Raceway, 2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #2444D-2N)	58.38	7.78
26 05 33 23-0214	EA	4-5/8" x 2-7/8" x 1-3/4", 1 Gang, Switch And Receptacle Box For Shallow Devices (Wiremold #2448)	30.50	7.78
26 05 33 23-0215	EA	4-3/4" x 4-3/4" x 1-3/4", 2 Gang, Switch And Receptacle Box For Shallow Devices (Wiremold #2448-2)	47.61	7.78
26 05 33 23-0216	EA	Device Bracket Type Adapter Plate (Wiremold #2450)	14.58	2.99
26 05 33 23-0217	EA	4-1/2" x 4-1/2" Back Feed Fitting (Wiremold #2451H)	34.42	8.97
26 05 33 23-0218	EA	Bridge Fitting For 2400/700/500 (Wiremold #2475D)	103.83	8.97
26 05 33 23-0219	EA	Side Reducing Connector (Wiremold #2489)	30.05	4.78
26 05 33 23-0220		2-3/4" x 1-17/32" Two Piece Surface Metal Raceways (Wiremold #3000) *(26 05 33 23-0157)*		
		Note: Available in gray enamel (G) or ivory (V).		
26 05 33 23-0221	LF	2-3/4" x 1-17/32" Two Piece Surface Metal Raceway Base (Wiremold #3000B)	15.83	5.38
		For Concrete Or Masonry Surface, Add	*0.54*	
26 05 33 23-0222	LF	Raceway Cover (Wiremold #3000CE)	3.82	0.60
26 05 33 23-0223	EA	Wire Clips For Conductors (Wiremold #3000WC)	6.07	2.40
26 05 33 23-0224	EA	Couplings (Wiremold #3001)	15.63	2.40
26 05 33 23-0225	EA	Rigid Inside Coupling (Wiremold #3001A)	15.70	2.99
26 05 33 23-0226	EA	Supporting Clip (Wiremold #3003)	11.51	2.99
26 05 33 23-0227	EA	Clip Cover (Wiremold #3006E)	6.54	2.40
26 05 33 23-0228	EA	Device Brackets (Wiremold #3007C)	17.06	4.78
26 05 33 23-0229	EA	C-Hanger (Wiremold #3008C)	17.08	3.59
26 05 33 23-0230	EA	Entrance End Fitting For Connecting To 1/2" Conduit Or Armored Connectors (Wiremold #3010AE)	39.49	11.37
26 05 33 23-0231	EA	Blank End Fittings (Wiremold #3010B)	14.39	4.78
26 05 33 23-0232	EA	Entrance End Fitting For Connecting To Rigid Or Flexible Conduit (Wiremold #3010C)	43.85	11.37
26 05 33 23-0233	EA	Flat 90 Degree Elbow (Wiremold #3011E)	66.12	14.83
26 05 33 23-0234	EA	Wall Box Connector (Wiremold #3014C)	46.77	14.96
26 05 33 23-0235	EA	Tee Fitting (Wiremold #3015E)	91.08	18.54
26 05 33 23-0236	EA	Internal Corner Coupling (Wiremold #3017TCE)	42.82	11.37
26 05 33 23-0237	EA	External Corner (Wiremold #3018AE)	53.09	11.37
26 05 33 23-0238	EA	Single Receptacle Cover With Face Diameters Of 1.38" To 1.4" (Wiremold #3027AE)	37.58	11.37
26 05 33 23-0239	EA	Utility Box (Wiremold #3028)	64.44	11.37
26 05 33 23-0240	EA	Single Receptacle Cover With Face Diameters Of 1.56" To 1.57" (Wiremold #3033JE)	20.87	2.99
26 05 33 23-0241	EA	Blank Cover (Wiremold #3036HE)	22.85	2.99
26 05 33 23-0242	EA	Switch Cover (Wiremold #3040CE)	20.81	2.99
26 05 33 23-0243	EA	Duplex Receptacle Cover (Wiremold #3043BE)	23.21	3.59
26 05 33 23-0244	EA	15 Amperes, 125 Volt Duplex Grounding Receptacle And Cover (Wiremold #3043GE)	60.49	15.56
26 05 33 23-0245	EA	2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #3044-2)	72.70	11.37
26 05 33 23-0246	EA	Duplex Receptacle Cover (Wiremold #3046BE)	20.91	3.59
26 05 33 23-0247	EA	Tap Off Fitting (Wiremold #3046H-2)	22.83	2.99
26 05 33 23-0248	EA	1-15/16" Deep x 6" Long, Circuit Breaker Housing (Wiremold #3046KD)	90.65	7.18
26 05 33 23-0249	EA	2-3/4" Deep x 7-3/8" Long, Circuit Breaker Housing (Wiremold #3046KTSQ)	222.59	7.18
26 05 33 23-0250	EA	1-13/16" Deep x 7-3/8" Long, Circuit Breaker Housing (Wiremold #3046QOU)	78.82	7.18
26 05 33 23-0251	EA	1-13/16" Deep x 7-15/16" Long x 2-13/16" Wide, Bump Up Device Plate Cover (Wiremold #3046S)	85.37	7.18
26 05 33 23-0252	EA	1-13/32" Deep x 7-15/16" Long x 2-13/16" Wide, Bump Up Device Plate Cover (Wiremold #3046U)	85.37	7.18
26 05 33 23-0253	EA	Rectangular Receptacle Cover (Wiremold #3048R)	26.98	3.59
26 05 33 23-0254		4-3/4" x 1-3/4" Two Piece Surface Metal Raceways (Wiremold #4000) *(26 05 33 23-0157)*		
		Note: Available in gray enamel (G) or ivory (V).		
26 05 33 23-0255	LF	4-3/4" x 1-3/4" Two Piece Surface Metal Raceway Base (Wiremold #4000B-10)	19.47	5.38
		For Concrete Or Masonry Surface, Add	*0.58*	
26 05 33 23-0256	LF	Raceway Cover (Wiremold #4000C)	6.95	0.60
26 05 33 23-0257	LF	Divider (Wiremold #4000D)	3.34	0.60
26 05 33 23-0258	EA	Wire Clips For Conductors (Wiremold #4000WC)	7.50	2.99
26 05 33 23-0259	EA	Couplings (Wiremold #4001A)	19.43	3.59
26 05 33 23-0260	EA	Divider Clip (Wiremold #4001D)	9.04	3.59
26 05 33 23-0261	EA	Seam Clip (Wiremold #4006)	9.21	3.59
26 05 33 23-0262	EA	Single Device Fitting (Wiremold #4007C-1R)	39.36	7.78
26 05 33 23-0263	EA	Blank End Fittings (Wiremold #4010B)	20.75	4.78
26 05 33 23-0264	EA	Entrance End Fitting (Wiremold #4010DFO)	79.69	18.42
26 05 33 23-0265	EA	Flat 90 Degree Elbow (Wiremold #4011)	74.33	14.96
26 05 33 23-0266	EA	Radiused Flat 90 Degree Elbow (Wiremold #4011FO)	88.11	14.96
26 05 33 23-0267	EA	Internal Or External 45 Degree Elbow (Wiremold #4012TX)	80.70	18.54
26 05 33 23-0268	EA	Wall Box Connector (Wiremold #4014A)	108.26	18.54
26 05 33 23-0269	EA	Tee Fitting (Wiremold #4015)	120.35	18.54
26 05 33 23-0270	EA	Divided Tee Fitting (Wiremold #4015D)	125.21	18.54
26 05 33 23-0271	EA	Radiused Full Capacity Divided Tee Fitting (Wiremold #4015DFO)	149.93	18.54
26 05 33 23-0272	EA	Radiused Tee Fitting (Wiremold #4015FO)	150.41	18.54
26 05 33 23-0273	EA	Internal Elbow (Wiremold #4017)	65.18	18.54
26 05 33 23-0274	EA	Internal Elbow (Wiremold #4017FO)	118.20	18.54
26 05 33 23-0275	EA	Inverted Internal Elbow (Wiremold #4017N)	72.47	18.54

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0276	EA	Internal Corner Coupling (Wiremold #4017TCA)	61.32	18.54
26 05 33 23-0277	EA	External Elbow (Wiremold #4018)	98.30	18.54
26 05 33 23-0278	EA	Radiused External Elbow (Wiremold #4018FO)	114.42	18.54
26 05 33 23-0279	EA	Single Locking Receptacle And Two RJ11/45 Modulaular Connectors Outlet Cover (Wiremold #4046ARJ)	97.72	7.78
26 05 33 23-0280	EA	Double Duplex Receptacle Outlet Cover (Wiremold #4046B-2)	103.67	7.78
26 05 33 23-0281	EA	Duplex Receptacle And Two RJ11/45 Modular Connector Cover (Wiremold #4046DRJ)	103.67	7.78
26 05 33 23-0282	EA	Double Duplex Receptacle And Four RJ11/45 Modular Connector Cover (Wiremold #4046DRJ-2)	138.92	7.78
26 05 33 23-0283	EA	Tap-Off Fitting (Wiremold #4046H-2)	28.42	7.78
26 05 33 23-0284	EA	Combination Single Receptacle And Phone Outlet Center (Wiremold #4046JRJ)	89.34	3.59
26 05 33 23-0285	EA	Rectangular Receptacle And Two RJ11/45 Modular Connector Cover (Wiremold #4046RRJ)	106.14	7.78
26 05 33 23-0286	EA	1 Gang Device Plate (Wiremold #G4047C-1)	28.41	7.78
26 05 33 23-0287	EA	2 Gang Device Plate (Wiremold #G4047C-2)	33.28	7.78
26 05 33 23-0288	EA	Device Mounting Bracket (Wiremold #4050)	32.33	5.98
26 05 33 23-0289	EA	#4000 To #3000 Take-off Connector (Wiremold #4074A)	152.27	18.54
26 05 33 23-0290	EA	Bridge Fitting (Wiremold #4075D)	137.00	18.54
26 05 33 23-0291	EA	Bridge Fitting (Wiremold #4075DA)	137.00	18.54
26 05 33 23-0292	EA	Panel Connector (Wiremold #4086A)	107.76	35.29
26 05 33 23-0293	EA	Reducing Connector Fitting (Wiremold #4089)	66.70	18.54

26 05 33 23-0294 4-3/4" x 3-9/16" Two Piece Surface Metal Raceways (Wiremold #6000) *(26 05 33 23-0157)*

Note: Available in gray enamel (G) or ivory (V).

26 05 33 23-0295	LF	4-3/4" x 3-9/16" Two Piece Surface Metal Raceway Base (Wiremold #6000B-10)	28.31	6.59
		For Concrete Or Masonry Surface, Add	*0.66*	
26 05 33 23-0296	LF	Raceway Cover (Wiremold #6000C)	8.17	1.79
26 05 33 23-0297	LF	Divider (Wiremold #6000DA)	8.63	1.79
26 05 33 23-0298	EA	Wire Clips For Conductors (Wiremold #6000WC)	8.61	2.99
26 05 33 23-0299	EA	Couplings (Wiremold #6001A)	23.55	5.98
26 05 33 23-0300	EA	Divider Clip (Wiremold #6001D)	10.93	2.99
26 05 33 23-0301	EA	Converter Coupling (Wiremold #6001TX)	30.30	7.78
26 05 33 23-0302	EA	Connection Cover (Wiremold #6006)	28.73	7.78
26 05 33 23-0303	EA	Single Gang Device Plate (Wiremold #6007C-1)	30.16	7.78
26 05 33 23-0304	EA	Two Gang Device Plate (Wiremold #6007C-2)	33.07	7.78
26 05 33 23-0305	EA	C-Hanger (Wiremold #6008A)	48.07	11.37
26 05 33 23-0306	EA	Blank End Fittings (Wiremold #6010B)	51.39	17.95
26 05 33 23-0307	EA	Combination Flat Elbow (Wiremold #6011TX)	97.71	17.95
26 05 33 23-0308	EA	Internal-External 45 Degree Elbow (Wiremold #6012TX)	99.45	17.23
26 05 33 23-0309	EA	Connector Fitting (Wiremold #6014A)	142.40	18.54
26 05 33 23-0310	EA	Combination Internal-External Elbow (Wiremold #6017TX)	101.09	20.34
26 05 33 23-0311	EA	Circuit Breaker Housing (Wiremold #6046KD)	177.30	20.34
26 05 33 23-0312	EA	#6000 To #6000 Take-off Connector (Wiremold #6074)	171.23	17.95
26 05 33 23-0313	EA	#6000 To #4000 Take-off Connector (Wiremold #6074A)	185.38	17.95
26 05 33 23-0314	EA	Panel Connector (Wiremold #6086)	109.93	41.64

26 05 33 23-0315 Two Piece Surface Aluminum Raceways *(26 05 33 23-0056)*

Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal).

26 05 33 23-0316 1-7/16" x 1-1/8" Two Piece Surface Aluminum Raceways (Wiremold #AL2000) *(26 05 33 23-0315)*

26 05 33 23-0317	LF	1-7/16" x 1-1/8" Two Piece Surface Aluminum Raceway Base (Wiremold #AL2000B)	13.23	2.99
		For Concrete Or Masonry Surface, Add	*0.30*	
26 05 33 23-0318	LF	Aluminum Raceway Cover (Wiremold #AL2000C)	6.93	0.60
26 05 33 23-0319	EA	Wire Clip (Wiremold #AL2000WC)	6.28	2.40
26 05 33 23-0320	EA	Coupling (Wiremold #AL2001)	13.32	2.99
26 05 33 23-0321	EA	Supporting Clip (Wiremold #AL2003)	6.85	1.79
26 05 33 23-0322	EA	Cover Clip (Wiremold #AL2006)	8.88	1.79
26 05 33 23-0323	EA	Ground Clamp (Wiremold #AL2009)	12.54	2.99
26 05 33 23-0324	EA	Entrance End Fitting (Wiremold #AL2010A)	34.81	8.97
26 05 33 23-0325	EA	Blank End Fitting (Wiremold #AL2010B)	11.22	2.99
26 05 33 23-0326	EA	Flat 90 Degree Elbow (Wiremold #AL2011)	41.36	7.78
26 05 33 23-0327	EA	Tee (Wiremold #AL2015)	55.80	11.25
26 05 33 23-0328	EA	Internal Corner Elbow (Wiremold #AL2017)	37.86	5.98
26 05 33 23-0329	EA	External Corner Elbow (Wiremold #AL2018)	37.77	5.98
26 05 33 23-0330	EA	2 To 15 Amperes, In-Line Receptacle (Wiremold #AL2043)	60.93	11.85
26 05 33 23-0331	EA	4-13/16" Round Fixture Box (Wiremold #AL2038)	147.65	10.64
26 05 33 23-0332	EA	4-1/2" x 3" x 2-1/4" D Box (Wiremold #AL2044)	63.36	10.64
26 05 33 23-0333	EA	4-5/8" x 4-7/8" x 2-1/2" D Box (Wiremold #AL2044-2)	135.18	11.85
26 05 33 23-0334	EA	Single Gang Shallow Device Box (Wiremold #AL2047)	65.76	10.64
26 05 33 23-0335	EA	2-Gang Shallow Device Box (Wiremold #AL2047-2)	118.97	11.85
26 05 33 23-0336	EA	Flush Plate Adapter (Wiremold #AL2051H)	48.36	11.85

26 05 33 23-0337 2" x 1-9/32" Two Piece Surface Aluminum Raceways (Wiremold #AL2400) *(26 05 33 23-0315)*

26 05 33 23-0338	LF	2" x 1-9/32" Two Piece Surface Aluminum Raceway Base (Wiremold #AL2400B)	14.74	2.99
		For Concrete Or Masonry Surface, Add	*0.30*	
26 05 33 23-0339	LF	Aluminum Raceway Cover (Wiremold #AL2400C)	7.00	0.60
26 05 33 23-0340	EA	Wire Clip (Wiremold #AL2400WC)	8.71	2.40
26 05 33 23-0341	EA	Coupling (Wiremold #AL2401)	15.62	2.99

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0342	EA	Cover Clip (Wiremold #AL2406)	11.52	1.79
26 05 33 23-0343	EA	Ground Clamp (Wiremold #AL2409)	10.06	2.40
26 05 33 23-0344	EA	Blank End (Wiremold #AL2410B)	12.37	2.99
26 05 33 23-0345	EA	End Fitting (Wiremold #AL2410B2)	25.71	8.97
26 05 33 23-0346	EA	Flat 90 Degree Elbow (Wiremold #AL2411)	49.29	8.97
26 05 33 23-0347	EA	Tee (Wiremold #AL2415)	54.03	8.85
26 05 33 23-0348	EA	Fourway Fitting (Wiremold #AL2416)	63.98	8.85
26 05 33 23-0349	EA	Internal Coupling (Wiremold #AL2417)	49.12	8.85
26 05 33 23-0350	EA	External Coupling (Wiremold #AL2418)	53.11	8.85
26 05 33 23-0351	EA	4-1/2" x 4-1/2" Back Feed Fitting (Wiremold #AL2451H)	43.67	8.97
26 05 33 23-0352		2-7/8" x 1-7/8" Two Piece Surface Aluminum Raceways (Wiremold #AL3300) *(26 05 33 23-0315)*		
26 05 33 23-0353	LF	2-7/8" x 1-7/8" Two Piece Surface Aluminum Raceway Base (Wiremold #AL3300B)	27.16	5.38
		For Concrete Or Masonry Surface, Add	*0.54*	
26 05 33 23-0354	LF	Aluminum Raceway Cover (Wiremold #AL3300CE)	8.63	0.60
26 05 33 23-0355	LF	Raceway Divider (Wiremold #AL3300D)	7.05	5.38
26 05 33 23-0356	EA	Wire Clips For Conductors (Wiremold #AL3300WC)	13.38	2.40
26 05 33 23-0357	EA	Couplings (Wiremold #AL3301)	22.98	2.40
26 05 33 23-0358	EA	Divider Coupling (Wiremold #AL3301D)	20.08	2.99
26 05 33 23-0359	EA	Ground Clamp (Wiremold #AL3309)	13.25	2.40
26 05 33 23-0360	EA	Blank End Fittings (Wiremold #AL3310B)	27.69	4.78
26 05 33 23-0361	EA	End Fitting (Wiremold #AL3310B1)	42.69	11.37
26 05 33 23-0362	EA	Flat 90 Degree Elbow (Wiremold #AL3311) Note: Includes two (2) AL3301 couplings.	142.50	14.83
26 05 33 23-0363	EA	Tee Fitting (Wiremold #AL3315) Note: Includes three (3) AL3301 couplings.	162.46	18.54
26 05 33 23-0364	EA	Cross Fitting (Wiremold #AL3316) Note: Includes four (4) AL3301 couplings.	185.30	18.54
26 05 33 23-0365	EA	Internal Elbow (Wiremold #AL3317) Note: Includes two (2) AL3301 couplings.	135.14	11.37
26 05 33 23-0366	EA	External Elbow (Wiremold #AL3318) Note: Includes two (2) AL3301 couplings.	135.29	11.37
26 05 33 23-0367	EA	Duplex Receptacle Cover (Wiremold #AL3346D)	29.30	3.59
26 05 33 23-0368	EA	Single Receptacle Cover (Wiremold #AL3346E)	29.10	3.59
26 05 33 23-0369	EA	GFCI/Surge Receptacle Cover (Wiremold #AL3346G)	28.77	3.59
26 05 33 23-0370	EA	Single Device Cover Plate (Wiremold #AL3356R)	29.18	2.99
26 05 33 23-0371		5" x 2" Two Piece Surface Aluminum Raceways (Wiremold #AL5200) *(26 05 33 23-0315)*		
26 05 33 23-0372	LF	5" x 2" Two Piece Surface Aluminum Raceway Base (Wiremold #AL5200B-10)	32.73	5.38
		For Concrete Or Masonry Surface, Add	*0.58*	
26 05 33 23-0373	LF	Aluminum Raceway Cover (Wiremold #AL5200C)	14.05	0.60
26 05 33 23-0374	LF	Divider (Wiremold #AL5200D)	8.13	0.60
26 05 33 23-0375	EA	Wire Clips For Conductors (Wiremold #AL5200WC)	10.89	2.99
26 05 33 23-0376	EA	Wire Clips For Conductors (Wiremold #AL5200WC2)	9.00	2.99
26 05 33 23-0377	EA	Wire Clips For Conductors (Wiremold #AL5200WC3)	8.94	2.99
26 05 33 23-0378	EA	Couplings (Wiremold #AL5201)	20.40	3.59
26 05 33 23-0379	EA	Cover Clip (Wiremold #AL5206)	18.63	3.59
26 05 33 23-0380	EA	Ground Adapter (Wiremold #AL5209)	22.76	3.59
26 05 33 23-0381	EA	Blank End Fittings (Wiremold #AL5210B)	24.45	4.78
26 05 33 23-0382	EA	Blank End Fittings (Wiremold #AL5210B1)	26.41	4.78
26 05 33 23-0383	EA	Blank End Fittings (Wiremold #AL5210B2)	26.84	4.78
26 05 33 23-0384	EA	Blank End Fittings (Wiremold #AL5210B3)	25.95	4.78
26 05 33 23-0385	EA	Flat 90 Degree Elbow (Wiemold #AL5211) Note: Includes two (2) pairs of AL5201 couplings.	140.31	14.96
26 05 33 23-0386	EA	Wall Box Connector (Wiremold #AL5214)	107.17	18.54
26 05 33 23-0387	EA	Tee Fitting (Wiremold #AL5215) Note: Includes three (3) pairs of AL5201 couplings.	163.71	18.54
26 05 33 23-0388	EA	Four Way Fitting (Wiremold #AL5216) Note: Includes four (4) pairs of AL5201 couplings.	180.44	18.54
26 05 33 23-0389	EA	Internal Elbow (Wiremold #AL5217) Note: Includes two (2) pairs of AL5201 couplings.	144.23	18.54
26 05 33 23-0390	EA	Internal Corner Coupling (Wiremold #AL5217A)	56.15	18.54
26 05 33 23-0391	EA	Inverted Internal Elbow (Wiremold #AL5217N)	148.49	18.54
26 05 33 23-0392	EA	External Elbow (Wiremold #AL5218) Note: Includes two (2) pairs of AL5201 couplings.	145.56	18.54
26 05 33 23-0393	EA	Blank Device Cover Plate (Wiremold #AL5246B)	31.38	3.59
26 05 33 23-0394	EA	Receptacle Device Cover Plate (Wiremold #AL5246D)	37.51	3.59
26 05 33 23-0395	EA	Double Receptacle Device Cover Plate (Wiremold #AL5246DD)	44.83	3.59
26 05 33 23-0396	EA	Device Cover Plate (Wiremold #AL5246F)	41.94	3.59
26 05 33 23-0397	EA	Device Cover Plate (Wiremold #AL5246G)	38.60	3.59
26 05 33 23-0398	EA	Offset Divider (Wiremold #AL5260)	34.94	7.78
26 05 33 23-0399		3" x 2-1/4" Two Piece Surface Aluminum Raceways (Wiremold #ALA3800) *(26 05 33 23-0315)*		
26 05 33 23-0400	LF	Single Channel, 3" x 2-1/4" Two Piece Surface Aluminum Raceway Base (Wiremold #ALA3800B-10)	29.58	5.38
26 05 33 23-0401	EA	Cover Clip (Wiremold #ALA3806)	13.65	3.59
26 05 33 23-0402	EA	Blank End Fittings (Wiremold #ALA3810B)	24.84	4.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0403	EA	Entrance End Cap Fittings (Wiremold #ALA3810B1)	26.90	4.78
26 05 33 23-0404	EA	Flat 90 Degree Elbow (Wiremold #ALA3811) Note: Includes two (2) ALA01 couplings.	143.49	14.96
26 05 33 23-0405	EA	Flat Tee Fitting (Wiremold #ALA3815) Note: Includes three (3) ALA01 couplings.	146.22	18.54
26 05 33 23-0406	EA	Internal Elbow (Wiremold #ALA3817) Note: Includes two (2) ALA01 couplings.	142.29	18.54
26 05 33 23-0407	EA	Inverted Internal Elbow (Wiremold #ALA3817N) Note: Includes two (2) ALA01 couplings.	169.42	18.54
26 05 33 23-0408	EA	External Elbow (Wiremold #ALA3818) Note: Includes two (2) ALA01 couplings.	144.31	18.54
26 05 33 23-0409		6" x 2-1/4" Two Piece Surface Aluminum Raceways (Wiremold #ALA4800) *(26 05 33 23-0315)*		
26 05 33 23-0410	LF	Two Channel, 6" x 2-1/4" Two Piece Surface Aluminum Raceway Base (Wiremold #ALA4800B-10)	48.27	5.38
26 05 33 23-0411	EA	Cover Clip (Wiremold #ALA4806)	20.22	3.59
26 05 33 23-0412	EA	Blank End Fittings (Wiremold #ALA4810B)	26.42	4.78
26 05 33 23-0413	EA	Entrance End Cap Fittings (Wiremold #ALA4810B2)	29.75	4.78
26 05 33 23-0414	EA	Flat 90 Degree Elbow (Wiremold #ALA4811) Note: Includes four (4) ALA01 couplings.	182.12	14.96
26 05 33 23-0415	EA	Flat Tee Fitting (Wiremold #ALA4815) Note: Includes six (6) ALA01 couplings.	250.48	18.54
26 05 33 23-0416	EA	Internal Elbow (Wiremold #ALA4817) Note: Includes four (4) ALA01 couplings.	165.39	18.54
26 05 33 23-0417	EA	Inverted Internal Elbow (Wiremold #ALA4817N) Note: Includes four (4) ALA01 couplings.	196.74	18.54
26 05 33 23-0418	EA	External Elbow (Wiremold #ALA4818) Note: Includes four (4) ALA01 couplings.	174.21	18.54
26 05 33 23-0419		Two Piece Surface Aluminum Raceways Fittings (Wiremold #ALA3800 And #ALA4800) *(26 05 33 23-0315)* See CSI section 26 27 26 00-0010 for receptacles.		
26 05 33 23-0420	LF	3" Wide Aluminum Raceway Cover (Wiremold #ALAC-5) Note: For use with ALA3800 single channel raceway and ALA4800 dual channel raceway.	10.45	0.60
26 05 33 23-0421	EA	Wire Clips (Wiremold #ALAWC)	8.97	2.99
26 05 33 23-0422	EA	Slide Couplings (Wiremold #ALA01)	21.92	3.59
26 05 33 23-0423	EA	Grounding Adapter (Wiremold #ALA09)	18.23	3.59
26 05 33 23-0424	EA	Bend Radius Control Insert For Flat Elbow (Wiremold #ALA11RI)	49.40	14.96
26 05 33 23-0425	EA	Internal Corner Coupling (Wiremold #ALA17A)	58.51	18.54
26 05 33 23-0426	EA	Bend Radius Control Insert For Internal And External Elbow (Wiremold #ALA17/18RI)	56.03	14.96
26 05 33 23-0427	EA	Blank Cover Plate (Wiremold #ALA-BL)	25.01	3.59
26 05 33 23-0428	EA	Duplex Receptacle Cover Plate (Wiremold #ALA-DR)	26.82	3.59
26 05 33 23-0429	EA	Single Receptacle Cover Plate, 1.40" Diameter Opening (Wiremold #ALA-E)	28.02	3.59
26 05 33 23-0430	EA	Single Receptacle Cover Plate, 1.59" Diameter Opening (Wiremold #ALA-F)	27.61	3.59
26 05 33 23-0431	EA	GFCI/Surge/Decorator Cover Plate (Wiremold #ALA-G)	27.06	3.59
26 05 33 23-0432	EA	Single Receptacle Cover Plate, 2.13" Diameter Opening (Wiremold #ALA-J)	28.04	3.59
26 05 33 23-0433	EA	Toggle Switch Cover Plate (Wiremold #ALA-N)	28.82	3.59
26 05 33 23-0434	EA	Active LPB Cover Plate (Wiremold #ALA-LPB)	37.60	3.59
26 05 33 23-0435	EA	Active MAB Cover Plate (Wiremold #ALA-MAB)	35.21	3.59
26 05 33 23-0436	EA	Ortronics Cover Plate (Wiremold #ALA-MABRT)	40.93	3.59
26 05 33 23-0437	EA	1-3/4" x 2-3/4" Cover Plate (Wiremold #ALA-SG)	26.31	3.59
26 05 33 23-0438	EA	Active 2A Cover Plate (Wiremold #ALA-2A)	39.46	3.59
26 05 33 23-0439	EA	Ortronics Communications Cover Plate (Wiremold #ALA-ABRT)	35.92	3.59
26 05 33 23-0440	EA	3/4" Grommet/Mousehole Cover Plate (Wiremold #ALA-Z)	28.75	3.59
26 05 33 23-0441	EA	Ortronics Low Profile Cover Plate (Wiremold #ALA-LPB3S2)	36.26	3.59
26 05 33 23-0442		Surface Non-Metallic Raceways *(26 05 33 23-0001)* Note: Exposed on flat wall surface.		
26 05 33 23-0443		One Piece Surface Non-Metallic Raceways *(26 05 33 23-0442)* Note: Exposed on flat wall surface. (Wiremold or approved equal).		
26 05 33 23-0444		7/8" x 7/16" One Piece Surface Non-Metallic Raceways (Wiremold #400) *(26 05 33 23-0443)*		
26 05 33 23-0445	LF	7/8" x 7/16" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #400BAC)	6.83	2.40
		For Concrete Or Masonry Surface, Add	*0.24*	
26 05 33 23-0446	EA	Wire Clip (Wiremold #400WC)	5.21	2.40
26 05 33 23-0447	EA	Cover Clip (Wiremold #406)	5.49	2.40
26 05 33 23-0448	EA	Blank End Clip (Wiremold #410B)	10.58	4.78
26 05 33 23-0449	EA	Flat 90 Degree Elbow (Wiremold #411)	12.28	4.78
26 05 33 23-0450	EA	Tee (Wiremold #415)	15.46	5.98
26 05 33 23-0451	EA	Internal Elbow (Wiremold #417)	12.06	4.78
26 05 33 23-0452	EA	External Elbow (Wiremold #418)	12.06	4.78
26 05 33 23-0453		1-5/16" x 7/16" One Piece Surface Non-Metallic Raceways (Wiremold #800) *(26 05 33 23-0443)*		
26 05 33 23-0454	LF	1-5/16" x 7/16" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #800BAC)	7.89	2.40
		For Concrete Or Masonry Surface, Add	*0.24*	
26 05 33 23-0455	EA	Wire Clip (Wiremold #800WC)	5.30	2.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0456	EA	Cover Clip (Wiremold #806)	5.41	2.40
26 05 33 23-0457	EA	Entrance End Fitting (Wiremold #810A2)	16.48	4.78
26 05 33 23-0458	EA	Blank End Fitting (Wiremold #810B)	10.69	4.78
26 05 33 23-0459	EA	Flat 90 Degree Elbow (Wiremold #811)	12.37	4.78
26 05 33 23-0460	EA	Tee (Wiremold #815)	15.54	5.98
26 05 33 23-0461	EA	Internal Elbow (Wiremold #817)	12.12	4.78
26 05 33 23-0462	EA	External Elbow (Wiremold #818)	12.12	4.78
26 05 33 23-0463	EA	End Reducer, #800 To #400 (Wiremold #889A)	13.70	4.78
26 05 33 23-0464		**2-1/4" x 11/16" One Piece Surface Non-Metallic Raceways (Wiremold #2300)** *(26 05 33 23-0443)*		
26 05 33 23-0465	LF	2-1/4" x 11/16" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2300BAC)	9.10	2.40
		For Concrete Or Masonry Surface, Add	*0.24*	
26 05 33 23-0466	LF	2-1/4" x 11/16" One Piece Surface Non-Metallic Divided Raceway Base And Cover (Wiremold #2300BACD)	9.69	2.40
		For Concrete Or Masonry Surface, Add	*0.24*	
26 05 33 23-0467	EA	Wire Clip (Wiremold #2300WC)	5.56	2.40
26 05 33 23-0468	EA	Cover Clip (Wiremold #2306)	5.86	2.40
26 05 33 23-0469	EA	Entrance End Fitting (Wiremold #2310A)	17.91	4.78
26 05 33 23-0470	EA	Blank End Fitting (Wiremold #2310B)	11.26	4.78
26 05 33 23-0471	EA	Divided Entrance End Fitting (Wiremold #2310DFO)	20.18	4.78
26 05 33 23-0472	EA	Flat 90 Degree Elbow (Wiremold #2311)	12.60	4.78
26 05 33 23-0473	EA	Divided Flat 90 Degree Elbow (Wiremold #2311DFO)	13.56	4.78
26 05 33 23-0474	EA	Tee (Wiremold #2315)	15.68	5.98
26 05 33 23-0475	EA	Internal Elbow (Wiremold #2317)	12.60	4.78
26 05 33 23-0476	EA	Divided Internal Elbow (Wiremold #2317DFO)	13.58	4.78
26 05 33 23-0477	EA	External Elbow (Wiremold #2318)	12.63	4.78
26 05 33 23-0478	EA	Divided External Elbow (Wiremold #2318DFO)	13.75	4.78
26 05 33 23-0479	EA	End Reducer, #2300 To #400 (Wiremold #2389)	13.76	4.78
26 05 33 23-0480	EA	End Reducer, #2300 To #800 (Wiremold #2389A)	14.38	4.78
26 05 33 23-0481		**One Piece Surface Non-Metallic Raceway Fittings (Wiremold #400, #800 Or #2300)** *(26 05 33 23-0443)*		
26 05 33 23-0482	EA	Blank Cover, 4-1/2" Diameter (Wiremold #2336)	15.39	4.19
26 05 33 23-0483	EA	Extension Box, 5-1/2" Diameter (Wiremold #2337A)	25.34	4.78
26 05 33 23-0484	EA	-A Fixture Box, 5-1/2" Diameter (Wiremold #233)	25.48	4.78
26 05 33 23-0485	EA	Extra Deep Device Box, 1 Gang, 2-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2344)	22.97	4.78
26 05 33 23-0486	EA	Extra Deep Device Box, 2 Gang, 2-3/4" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2344-2)	26.66	4.78
26 05 33 23-0487	EA	Extra Deep Divided Device Box, 1 Gang, 2-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2344D)	25.05	4.78
26 05 33 23-0488	EA	Deep Divided Device Box, 2 Gang, 2-1/4" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2344SD-2A)	27.24	4.78
26 05 33 23-0489	EA	1-Gang Standard Device Box, 1-3/8" Deep x 4-3/4" Long x 3" Wide (Wiremold #2347)	22.77	7.78
26 05 33 23-0490	EA	2-Gang Standard Device Box, 1-3/8" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2347-2)	26.02	7.78
26 05 33 23-0491	EA	1-Gang Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348)	23.72	7.78
26 05 33 23-0492	EA	2-Gang Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2348-2)	28.62	7.78
26 05 33 23-0493	EA	3-Gang Deep Device Box, 1-3/4" Deep x 5" Long x 7" Wide (Wiremold #2348-3)	34.30	7.78
26 05 33 23-0494	EA	1-Gang Deep Device Box With Magnetic Backing, 1-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348AMP)	32.49	7.78
26 05 33 23-0495	EA	1-Gang Divided Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348D)	29.39	7.78
26 05 33 23-0496	EA	Shallow Device And Extension Box, 7/8" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348S/51)	22.28	7.78
26 05 33 23-0497		**3/4" x 3/8" One Piece Surface Non-Metallic Raceways (Wiremold #2700)** *(26 05 33 23-0443)*		
26 05 33 23-0498	LF	3/4" x 3/8" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2700)	6.38	2.40
		For Concrete Or Masonry Surface, Add	*0.24*	
26 05 33 23-0499	EA	3/4" Wire Clip (Wiremold #2700WC)	2.74	1.19
26 05 33 23-0500	EA	Cover Clip (Wiremold #2706)	4.09	1.19
26 05 33 23-0501	EA	Blank End (Wiremold #2710B)	6.46	2.40
26 05 33 23-0502	EA	Flat 90 Degree Elbow (Wiremold #2711)	7.70	2.99
26 05 33 23-0503	EA	Tee (Wiremold #2715)	12.51	5.38
26 05 33 23-0504	EA	Internal Elbow (Wiremold #2717)	8.90	3.59
26 05 33 23-0505	EA	External Elbow (Wiremold #2718)	8.89	3.59
26 05 33 23-0506	EA	Drop Ceiling Connector (Wiremold #2786)	10.50	4.19
26 05 33 23-0507		**1" x 1/2" One Piece Surface Non-Metallic Raceways (Wiremold #2800)** *(26 05 33 23-0443)*		
26 05 33 23-0508	LF	1" x 1/2" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2800)	8.30	2.99
		For Concrete Or Masonry Surface, Add	*0.30*	
26 05 33 23-0509	EA	1" Wire Clip (Wiremold #2800WC)	4.09	1.79
26 05 33 23-0510	EA	Cover Clip (Wiremold #2806)	5.47	1.79
26 05 33 23-0511	EA	Blank End (Wiremold #2810B)	7.86	2.99
26 05 33 23-0512	EA	Flat 90 Degree Elbow (Wiremold #2811)	10.35	4.19
26 05 33 23-0513	EA	Radiused Flat 90 Degree Elbow (Wiremold #2811FO)	11.02	4.19
26 05 33 23-0514	EA	Tee (Wiremold #2815)	15.13	6.59
26 05 33 23-0515	EA	Internal Elbow (Wiremold #2817)	11.51	4.78
26 05 33 23-0516	EA	External Elbow (Wiremold #2818)	11.54	4.78
26 05 33 23-0517	EA	Radiused Tee (Wiremold #2815FO)	16.04	6.59
26 05 33 23-0518	EA	Radiused Internal Elbow (Wiremold #2817FO)	12.33	4.78
26 05 33 23-0519	EA	Radiused External Elbow (Wiremold #2818FO)	12.21	4.78
26 05 33 23-0520	EA	Drop Ceiling Connector (Wiremold #2886)	12.99	5.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0521	EA	Reducer, #2800 To #2700 (Wiremold #2889)	11.70	4.78
26 05 33 23-0522	EA	Radiused Flat 90 Degree Elbow (Wiremold #2911FO)	12.68	4.78
26 05 33 23-0523		**1-1/2" x 3/4" One Piece Surface Non-Metallic Raceways (Wiremold #2900)** *(26 05 33 23-0443)*		
26 05 33 23-0524	LF	1-1/2" x 3/4" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2900)	10.10	3.59
		For Concrete Or Masonry Surface, Add	*0.36*	
26 05 33 23-0525	EA	1-1/2" Wire Clip (Wiremold #2900WC)	5.40	2.40
26 05 33 23-0526	EA	Cover Clip (Wiremold #2906)	6.80	2.40
26 05 33 23-0527	EA	Blank End (Wiremold #2910B)	9.20	3.59
26 05 33 23-0528	EA	Flat 90 Degree Elbow (Wiremold #2911)	11.61	4.78
26 05 33 23-0529	EA	Tee (Wiremold #2915)	16.39	7.18
26 05 33 23-0530	EA	Radiused Tee (Wiremold #2915FO)	17.48	7.18
26 05 33 23-0531	EA	Internal Elbow (Wiremold #2917)	12.81	5.38
26 05 33 23-0532	EA	Radiused Internal Elbow (Wiremold #2917FO)	13.92	5.38
26 05 33 23-0533	EA	Radiused External Elbow (Wiremold #2918FO)	14.23	5.38
26 05 33 23-0534	EA	External Elbow (Wiremold #2918)	12.79	5.38
26 05 33 23-0535	EA	Drop Ceiling Connector (Wiremold #2986)	12.98	5.38
26 05 33 23-0536	EA	Reducer, #2900 To #2800 (Wiremold #2989)	14.43	5.98
26 05 33 23-0537	EA	Reducer, #2900 To #2700 (Wiremold #2989A)	14.06	5.98
26 05 33 23-0538		**Two Piece Surface Non-Metallic Raceways** *(26 05 33 23-0442)*		
		Note: Exposed on flat wall surface. (Wiremold or approved equal).		
26 05 33 23-0539		**5" x 1" Two Piece Surface Non-Metallic Raceways (Wiremold #500)** *(26 05 33 23-0538)*		
26 05 33 23-0540	LF	5" x 1" Two Piece Surface Non-Metallic Raceway Base (Wiremold #5000B)	15.55	5.38
		For Concrete Or Masonry Surface, Add	*0.54*	
26 05 33 23-0541	LF	Black, Gray Or White, Cover (Wiremold #5000C)	14.82	5.38
26 05 33 23-0542	LF	Oak Veneer, Cover (Wiremold #5000COA)	27.23	5.38
26 05 33 23-0543	LF	Maple Wood Veneer, Cover (Wiremold #5000CW)	22.33	5.38
26 05 33 23-0544	LF	Black, Gray Or White, Quarter Round Trim (Wiremold #5000T)	2.07	0.60
26 05 33 23-0545	LF	Oak Veneer, Quarter Round Trim (Wiremold #5000TOA)	8.29	0.60
26 05 33 23-0546	LF	Maple Wood Veneer, Quarter Round Trim (Wiremold #5000TW)	5.18	0.60
26 05 33 23-0547	EA	Base Coupling (Wiremold #5001)	14.49	5.98
26 05 33 23-0548	EA	Blank/Coax Adapter (Wiremold #5004)	8.07	2.99
26 05 33 23-0549	EA	Low Voltage Blank Plate (Wiremold #5005)	10.73	3.59
26 05 33 23-0550	EA	Cover Clip (Wiremold #5006)	15.53	5.98
26 05 33 23-0551	EA	Internal Wire Guard (Wiremold #5006A)	14.58	5.98
26 05 33 23-0552	EA	Device Bracket (Wiremold #5007C)	16.53	5.98
26 05 33 23-0553	EA	Device Plate (Wiremold #5007C-1)	30.09	11.97
26 05 33 23-0554	EA	Deep Device Plate (Wiremold #5007C-2)	31.09	11.97
26 05 33 23-0555	EA	Right Or Left End Cap (Wiremold #5010)	26.37	11.37
26 05 33 23-0556	EA	Entrance End Feed (Wiremold #5010A)	50.60	18.54
26 05 33 23-0557	EA	Internal Base Elbow (Wiremold #5017B)	35.44	14.96
26 05 33 23-0558	EA	Internal Cover Elbow (Wiremold #5017C)	31.75	11.97
26 05 33 23-0559	EA	Internal Elbow Wire Guard (Wiremold #5017WG)	21.87	8.97
26 05 33 23-0560	EA	External Base Elbow (Wiremold #5018B)	35.37	14.96
26 05 33 23-0561	EA	External Cover Elbow (Wiremold #5018C)	32.02	11.97
26 05 33 23-0562	EA	External Elbow Wire Guard (Wiremold #5018WG)	14.32	5.98
26 05 33 23-0563		**5-1/4" x 1-11/16" Two Piece Surface Non-Metallic Raceways (Wiremold #5400)** *(26 05 33 23-0538)*		
26 05 33 23-0564	LF	5-1/4" x 1-11/16", Two Compartment, Two Piece Surface Non-Metallic Raceway Base (Wiremold #5400TB)	17.59	5.38
		For Concrete Or Masonry Surface, Add	*0.54*	
26 05 33 23-0565	LF	Full Width Cover (Wiremold #5400C)	6.19	0.60
26 05 33 23-0566	LF	Twin Snap Cover (Wiremold #5400TC)	3.97	0.60
26 05 33 23-0567	EA	Twin Snap Cover Wire Clips (Wiremold #5400TWC)	6.71	2.99
26 05 33 23-0568	EA	Cover Clip (Wiremold #5406A)	11.42	3.59
26 05 33 23-0569	EA	Twin Cover Clip (Wiremold #5406T)	9.58	3.59
26 05 33 23-0570	EA	Base Seam Clip (Wiremold #5406TB)	8.54	3.59
26 05 33 23-0571	EA	L Or R (Left Or Right) Transition Fitting (Wiremold #5408)	65.22	18.54
26 05 33 23-0572	EA	End Cap (Wiremold #5410)	31.75	11.37
26 05 33 23-0573	EA	Radiused Divided Entrance Cap Fitting (Wiremold #5410DFO)	62.56	18.54
26 05 33 23-0574	EA	Radiused Flat 90 Degree Elbow (Wiremold #5411FO)	57.19	14.96
26 05 33 23-0575	EA	Tee Fitting (Wiremold #5415)	65.87	18.54
26 05 33 23-0576	EA	Radiused Tee Fitting (Wiremold #5415FO)	69.04	18.54
26 05 33 23-0577	EA	Radiused Internal Elbow (Wiremold #5417FO)	54.25	18.54
26 05 33 23-0578	EA	External Elbow (Wiremold #5418)	55.05	18.54
26 05 33 23-0579	EA	Radiused External Elbow (Wiremold #5418FO)	55.78	18.54
26 05 33 23-0580	EA	5-5/32" x 6" Device Bracket (Wiremold #5450)	26.49	5.98
26 05 33 23-0581	EA	7-19/32" x 7-1/2" Device Bracket (Wiremold #5450A3)	35.13	5.98
26 05 33 23-0582	EA	2-1/2" x 4-7/8" Twin Snap Device Bracket (Wiremold #5450T)	20.11	5.98
26 05 33 23-0583	EA	Transition Fitting (Wiremold #5474)	57.27	18.54
26 05 33 23-0584		**6-11/16" x 1-11/16" Two Piece Surface Non-Metallic Raceways (Wiremold #5500)** *(26 05 33 23-0538)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0585	LF	6-11/16" x 1-11/16", Three Compartment Divided, Two Piece Surface Non-Metallic Raceway Base (Wiremold #5500BD3)	21.09	5.38
		For Concrete Or Masonry Surface, Add	*0.54*	
26 05 33 23-0586	LF	Cover (Wiremold #5500C)	7.52	0.60
26 05 33 23-0587	EA	Wire Clips (Wiremold #5500WC)	7.69	2.99
26 05 33 23-0588	EA	Cover Clip (Wiremold #5506)	12.36	3.59
26 05 33 23-0589	EA	Base Seam Clip Fitting (Wiremold #5506B)	8.86	3.59
26 05 33 23-0590	EA	Modular Furniture Adapter (Wiremold #5507AD)	11.55	3.59
26 05 33 23-0591	EA	Blank Faceplate (Wiremold #5507B)	11.59	3.59
26 05 33 23-0592	EA	Duplex Receptacle Faceplate (Wiremold #5507D)	11.65	3.59
26 05 33 23-0593	EA	Dual RJ Connector Faceplate (Wiremold #5507FRJ)	11.65	3.59
26 05 33 23-0594	EA	Rectangular Receptacle Faceplate (Wiremold #5507R)	11.53	3.59
26 05 33 23-0595	EA	Dual RJ Connector Faceplate (Wiremold #5507RJ)	11.56	3.59
26 05 33 23-0596	EA	Rectangular Spacer Fitting (Wiremold #5507S)	11.48	3.59
26 05 33 23-0597	EA	Switch Faceplate (Wiremold #5507SW)	11.50	3.59
26 05 33 23-0598	EA	Twistlock Faceplate (Wiremold #5507T1)	11.59	3.59
26 05 33 23-0599	EA	Single Receptacle Faceplate (Wiremold #5507T2)	11.36	3.59
26 05 33 23-0600	EA	6-5/8" x 6" Device Bracket (Wiremold #5550)	29.99	5.98
26 05 33 23-0601	EA	9-5/8" x 7-1/2" Device Bracket (Wiremold #5550A4)	40.13	5.98
26 05 33 23-0602	EA	End Cap (Wiremold #5510)	33.50	11.37
26 05 33 23-0603	EA	Entrance End Fitting (Wiremold #5510D)	68.37	18.54
26 05 33 23-0604	EA	Radiused Flat 90 Degree Elbow (Wiremold #5511FO)	62.22	14.96
26 05 33 23-0605	EA	Backfeed Connector (Wiremold #5514A)	50.25	14.96
26 05 33 23-0606	EA	Tee Fitting (Wiremold #5515)	71.78	18.54
26 05 33 23-0607	EA	Radiused Internal Elbow (Wiremold #5517FO)	57.90	18.54
26 05 33 23-0608	EA	External Elbow (Wiremold #5518)	59.29	18.54
26 05 33 23-0609	EA	Radiused External Elbow (Wiremold #5518FO)	62.21	18.54
26 05 33 23-0610	EA	Transition Fitting (Wiremold #5574)	56.51	18.54
26 05 33 23-0611	EA	Transition Fitting (Wiremold #5574A)	75.46	18.54

26 05 33 23-0612 Surface Cable Protection System *(26 05 33 23)*

26 05 33 23-0613	EA	35-1/2" Long x 18-9/16" Wide x 3" High, Three Channel, Heavy-Duty Polyurethene, Surface Cable Protector (Yellow Jacket® CP-YJHD-3) Note: Modular interlocking design with hinged lid.	661.40	
26 05 33 23-0614	EA	35-3/4" Long x 19-3/4" Wide x 1-7/8" High, Five Channel, Heavy-Duty Polyurethene, Surface Cable Protector (Yellow Jacket® CP-YJHD-5) Note: Modular interlocking design with hinged lid.	498.69	

26 05 36 Cable Trays for Electrical Systems *(26 05)*

26 05 36 00-0001 Cable Trays *(26 05 36)*

Note: Excludes supporting hangers.

26 05 36 00-0002 Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0001)*

26 05 36 00-0003 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0002)*

26 05 36 00-0004 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*

26 05 36 00-0005	LF	6" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	45.09	12.58
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.46*	
26 05 36 00-0006	LF	9" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	48.73	13.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.75*	
26 05 36 00-0007	LF	12" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	53.28	14.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.11*	
26 05 36 00-0008	LF	18" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	59.37	15.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.65*	
26 05 36 00-0009	LF	24" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	65.26	15.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-5.20*	
26 05 36 00-0010	LF	30" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	79.59	18.47
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-6.43*	
26 05 36 00-0011	LF	36" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	89.28	21.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-7.18*	

26 05 36 00-0012 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*

26 05 36 00-0013	LF	6" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	42.49	12.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.22*	
26 05 36 00-0014	LF	9" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	45.99	13.10
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.50*	
26 05 36 00-0015	LF	12" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	49.07	14.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.72*	
26 05 36 00-0016	LF	18" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	53.83	15.06
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.13*	
26 05 36 00-0017	LF	24" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	58.10	15.58
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.52*	
26 05 36 00-0018	LF	30" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	68.31	17.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-5.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0019	LF	36" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	74.64	19.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-5.82*	

26 05 36 00-0020 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*

26 05 36 00-0021	LF	6" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	40.92	12.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.08*	
26 05 36 00-0022	LF	9" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	42.14	12.58
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.16*	
26 05 36 00-0023	LF	12" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	46.46	13.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.54*	
26 05 36 00-0024	LF	18" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	50.93	14.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.92*	
26 05 36 00-0025	LF	24" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	55.26	14.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.32*	
26 05 36 00-0026	LF	30" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	60.25	15.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.72*	
26 05 36 00-0027	LF	36" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	64.71	17.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-5.05*	

26 05 36 00-0028 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*

26 05 36 00-0029	LF	6" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	39.70	11.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.00*	
26 05 36 00-0030	LF	9" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	40.53	11.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.06*	
26 05 36 00-0031	LF	12" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	42.93	12.58
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.25*	
26 05 36 00-0032	LF	18" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	45.48	13.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.45*	
26 05 36 00-0033	LF	24" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	47.41	13.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.64*	
26 05 36 00-0034	LF	30" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	52.43	14.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.06*	
26 05 36 00-0035	LF	36" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	55.23	14.93
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.28*	

26 05 36 00-0036 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*

26 05 36 00-0037	LF	6" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	39.17	11.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.96*	
26 05 36 00-0038	LF	9" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	39.85	11.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.01*	
26 05 36 00-0039	LF	12" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	42.25	12.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.20*	
26 05 36 00-0040	LF	18" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	44.37	12.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.36*	
26 05 36 00-0041	LF	24" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	45.11	12.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.43*	
26 05 36 00-0042	LF	30" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	47.92	13.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.63*	
26 05 36 00-0043	LF	36" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	49.98	14.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.78*	

26 05 36 00-0044 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-0002)*

26 05 36 00-0045 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0046	EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	349.22	131.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.98*	
26 05 36 00-0047	EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	390.07	149.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.54*	
26 05 36 00-0048	EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	428.73	165.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.09*	
26 05 36 00-0049	EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	536.53	202.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.76*	
26 05 36 00-0050	EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	611.41	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.75*	
26 05 36 00-0051	EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	730.39	261.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0052	EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	842.45	299.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.30*	
26 05 36 00-0053		**24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)*		
26 05 36 00-0054	EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	496.70	136.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.29*	
26 05 36 00-0055	EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	539.02	157.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.82*	
26 05 36 00-0056	EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	578.68	174.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.32*	
26 05 36 00-0057	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	671.78	216.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.11*	
26 05 36 00-0058	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	752.39	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.28*	
26 05 36 00-0059	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	838.02	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.01*	
26 05 36 00-0060	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	981.62	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.60*	
26 05 36 00-0061		**36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)*		
26 05 36 00-0062	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	535.94	142.74
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.70*	
26 05 36 00-0063	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	589.91	165.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.22*	
26 05 36 00-0064	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	637.33	184.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.32*	
26 05 36 00-0065	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	764.54	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.06*	
26 05 36 00-0066	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	869.23	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.16*	
26 05 36 00-0067	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,020.50	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.86*	
26 05 36 00-0068	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,157.61	369.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.99*	
26 05 36 00-0069		**12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)*		
26 05 36 00-0070	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	260.02	95.20
		For 30 Degree Bend, Deduct	*-87.49*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.07*	
		For 60 Degree Bend, Deduct	*-49.32*	
26 05 36 00-0071	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	295.78	114.19
		For 30 Degree Bend, Deduct	*-96.10*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.07*	
		For 60 Degree Bend, Deduct	*-53.85*	
26 05 36 00-0072	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	327.95	130.96
		For 30 Degree Bend, Deduct	*-103.98*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.88*	
		For 60 Degree Bend, Deduct	*-58.02*	
26 05 36 00-0073	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	391.71	165.54
		For 30 Degree Bend, Deduct	*-118.90*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.38*	
		For 60 Degree Bend, Deduct	*-65.83*	
26 05 36 00-0074	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	486.87	202.72
		For 30 Degree Bend, Deduct	*-149.52*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.79*	
		For 60 Degree Bend, Deduct	*-82.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0075	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	578.30	232.72
		For 30 Degree Bend, Deduct	*-182.30*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.43*	
		For 60 Degree Bend, Deduct	*-101.62*	
26 05 36 00-0076	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	654.01	273.18
		For 30 Degree Bend, Deduct	*-200.33*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.63*	
		For 60 Degree Bend, Deduct	*-111.09*	
26 05 36 00-0077		**24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)*		
26 05 36 00-0078	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	291.91	98.22
		For 30 Degree Bend, Deduct	*-103.29*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.01*	
		For 60 Degree Bend, Deduct	*-58.70*	
26 05 36 00-0079	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	333.92	118.39
		For 30 Degree Bend, Deduct	*-114.59*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.53*	
		For 60 Degree Bend, Deduct	*-64.81*	
26 05 36 00-0080	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	380.98	136.72
		For 30 Degree Bend, Deduct	*-129.80*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.71*	
		For 60 Degree Bend, Deduct	*-73.32*	
26 05 36 00-0081	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	448.31	174.57
		For 30 Degree Bend, Deduct	*-144.71*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.28*	
		For 60 Degree Bend, Deduct	*-81.01*	
26 05 36 00-0082	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	551.76	216.87
		For 30 Degree Bend, Deduct	*-176.99*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.11*	
		For 60 Degree Bend, Deduct	*-98.97*	
26 05 36 00-0083	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	646.85	251.57
		For 30 Degree Bend, Deduct	*-209.04*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.72*	
		For 60 Degree Bend, Deduct	*-117.04*	
26 05 36 00-0084	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	759.84	299.50
		For 30 Degree Bend, Deduct	*-243.23*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.03*	
		For 60 Degree Bend, Deduct	*-135.96*	
26 05 36 00-0085		**36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)*		
26 05 36 00-0086	EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	353.04	101.37
		For 30 Degree Bend, Deduct	*-135.07*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.86*	
		For 60 Degree Bend, Deduct	*-77.67*	
26 05 36 00-0087	EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	399.66	123.10
		For 30 Degree Bend, Deduct	*-148.01*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.71*	
		For 60 Degree Bend, Deduct	*-84.71*	
26 05 36 00-0088	EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	436.77	142.88
		For 30 Degree Bend, Deduct	*-156.89*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.77*	
		For 60 Degree Bend, Deduct	*-89.37*	
26 05 36 00-0089	EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	523.51	184.92
		For 30 Degree Bend, Deduct	*-180.03*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.94*	
		For 60 Degree Bend, Deduct	*-101.85*	
26 05 36 00-0090	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	615.55	232.72
		For 30 Degree Bend, Deduct	*-202.78*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.16*	
		For 60 Degree Bend, Deduct	*-113.91*	
26 05 36 00-0091	EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	749.21	273.18
		For 30 Degree Bend, Deduct	*-252.69*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.15*	
		For 60 Degree Bend, Deduct	*-142.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0092	EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	878.15	330.68
		For 30 Degree Bend, Deduct	*-290.07*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.26*	
		For 60 Degree Bend, Deduct	*-163.02*	
26 05 36 00-0093		**12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)*		
26 05 36 00-0094	EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	379.02	130.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.99*	
26 05 36 00-0095	EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	413.79	149.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.91*	
26 05 36 00-0096	EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	445.58	165.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.78*	
26 05 36 00-0097	EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	515.25	202.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.63*	
26 05 36 00-0098	EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	572.68	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.87*	
26 05 36 00-0099	EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	636.08	261.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.78*	
26 05 36 00-0100	EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	705.27	298.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.61*	
26 05 36 00-0101		**24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)*		
26 05 36 00-0102	EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	454.95	136.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.11*	
26 05 36 00-0103	EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	494.73	157.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.38*	
26 05 36 00-0104	EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	533.08	174.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.76*	
26 05 36 00-0105	EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	616.35	216.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.57*	
26 05 36 00-0106	EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	687.12	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.75*	
26 05 36 00-0107	EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	758.57	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.06*	
26 05 36 00-0108	EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	868.98	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.34*	
26 05 36 00-0109		**36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)*		
26 05 36 00-0110	EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	544.66	142.74
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.57*	
26 05 36 00-0111	EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	593.39	165.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.56*	
26 05 36 00-0112	EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	629.79	184.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.56*	
26 05 36 00-0113	EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	735.28	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.13*	
26 05 36 00-0114	EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	806.41	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.87*	
26 05 36 00-0115	EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	922.94	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.10*	
26 05 36 00-0116	EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,040.39	369.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0117		**12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)*		
26 05 36 00-0118	EA	6" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	676.70	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.71*	
26 05 36 00-0119	EA	9" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	732.06	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.44*	
26 05 36 00-0120	EA	12" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	767.95	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.00*	
26 05 36 00-0121	EA	18" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	858.20	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.63*	
26 05 36 00-0122	EA	24" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	973.54	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.28*	
26 05 36 00-0123	EA	30" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,085.44	369.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.72*	
26 05 36 00-0124	EA	36" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,228.45	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.94*	
26 05 36 00-0125		**24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)*		
26 05 36 00-0126	EA	6" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	858.89	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.12*	
26 05 36 00-0127	EA	9" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	921.84	299.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.23*	
26 05 36 00-0128	EA	12" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	961.96	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.00*	
26 05 36 00-0129	EA	18" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,054.24	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.35*	
26 05 36 00-0130	EA	24" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,169.79	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.24*	
26 05 36 00-0131	EA	30" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,259.20	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.02*	
26 05 36 00-0132	EA	36" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,525.09	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-112.19*	
26 05 36 00-0133		**36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)*		
26 05 36 00-0134	EA	6" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,102.47	299.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.29*	
26 05 36 00-0135	EA	9" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,177.62	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.20*	
26 05 36 00-0136	EA	12" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,250.25	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-95.95*	
26 05 36 00-0137	EA	18" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,373.48	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-104.61*	
26 05 36 00-0138	EA	24" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,558.40	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-118.47*	
26 05 36 00-0139	EA	30" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,690.34	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-128.71*	
26 05 36 00-0140	EA	36" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,901.02	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-142.51*	
26 05 36 00-0141		**12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)*		
26 05 36 00-0142	EA	6" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	826.03	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0143	EA	9" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	845.17	241.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.36*	
26 05 36 00-0144	EA	12" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	865.02	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.54*	
26 05 36 00-0145	EA	18" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	908.85	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.12*	
26 05 36 00-0146	EA	24" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	937.05	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.91*	
26 05 36 00-0147	EA	30" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,015.77	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.39*	
26 05 36 00-0148	EA	36" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,092.67	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.19*	
26 05 36 00-0149		**24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)*		
26 05 36 00-0150	EA	6" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,210.91	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-100.13*	
26 05 36 00-0151	EA	9" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,239.76	261.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-102.15*	
26 05 36 00-0152	EA	12" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,270.11	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-104.24*	
26 05 36 00-0153	EA	18" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,336.91	299.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-108.74*	
26 05 36 00-0154	EA	24" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,384.71	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-112.28*	
26 05 36 00-0155	EA	30" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,465.46	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-117.47*	
26 05 36 00-0156	EA	36" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,577.17	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-124.98*	
26 05 36 00-0157		**36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)*		
26 05 36 00-0158	EA	6" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,934.98	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-170.73*	
26 05 36 00-0159	EA	9" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,974.71	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-173.68*	
26 05 36 00-0160	EA	12" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,017.15	299.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-176.76*	
26 05 36 00-0161	EA	18" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,088.46	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-181.29*	
26 05 36 00-0162	EA	24" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,138.02	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-184.73*	
26 05 36 00-0163	EA	30" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,268.94	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-194.15*	
26 05 36 00-0164	EA	36" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,380.85	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-200.71*	
26 05 36 00-0165		**12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)*		
26 05 36 00-0166	EA	6" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	842.82	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.09*	
26 05 36 00-0167	EA	9" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	885.54	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.00*	
26 05 36 00-0168	EA	12" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	946.63	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.59*	
26 05 36 00-0169	EA	18" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,016.26	369.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0170	EA	24" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,143.90	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.49*	
26 05 36 00-0171	EA	30" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,281.69	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.79*	
26 05 36 00-0172	EA	36" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,402.10	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.89*	
26 05 36 00-0173		**24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)*		
26 05 36 00-0174	EA	6" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,200.28	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.95*	
26 05 36 00-0175	EA	9" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,254.54	369.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.63*	
26 05 36 00-0176	EA	12" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,311.99	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.46*	
26 05 36 00-0177	EA	18" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,397.55	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-104.85*	
26 05 36 00-0178	EA	24" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,551.99	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-114.88*	
26 05 36 00-0179	EA	30" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,668.61	523.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-123.21*	
26 05 36 00-0180	EA	36" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,874.12	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-139.82*	
26 05 36 00-0181		**36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)*		
26 05 36 00-0182	EA	6" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,519.52	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-119.21*	
26 05 36 00-0183	EA	9" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,601.24	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-125.22*	
26 05 36 00-0184	EA	12" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,689.07	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-131.53*	
26 05 36 00-0185	EA	18" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,844.07	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-144.09*	
26 05 36 00-0186	EA	24" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,104.71	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-162.88*	
26 05 36 00-0187	EA	30" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,295.05	627.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-177.20*	
26 05 36 00-0188	EA	36" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,510.24	699.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-192.77*	
26 05 36 00-0189		**12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)*		
26 05 36 00-0190	EA	6" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	986.37	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.45*	
26 05 36 00-0191	EA	9" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,036.19	330.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.05*	
26 05 36 00-0192	EA	12" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,110.83	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.01*	
26 05 36 00-0193	EA	18" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,196.35	370.10
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.80*	
26 05 36 00-0194	EA	24" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,344.51	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.55*	
26 05 36 00-0195	EA	30" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,522.43	448.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-114.85*	
26 05 36 00-0196	EA	36" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,669.18	483.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-126.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0197		24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0198	EA	6" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,478.72	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-118.80*	
26 05 36 00-0199	EA	9" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,541.63	369.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-123.33*	
26 05 36 00-0200	EA	12" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,607.72	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-128.03*	
26 05 36 00-0201	EA	18" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,712.31	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-136.33*	
26 05 36 00-0202	EA	24" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,887.50	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-148.43*	
26 05 36 00-0203	EA	30" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,026.60	523.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-159.01*	
26 05 36 00-0204	EA	36" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,289.18	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-181.33*	
26 05 36 00-0205		36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0206	EA	6" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,908.64	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-158.12*	
26 05 36 00-0207	EA	9" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,007.66	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-165.86*	
26 05 36 00-0208	EA	12" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,112.78	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-173.90*	
26 05 36 00-0209	EA	18" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,311.02	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-190.78*	
26 05 36 00-0210	EA	24" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,623.54	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-214.77*	
26 05 36 00-0211	EA	30" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,857.11	627.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-233.41*	
26 05 36 00-0212	EA	36" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	3,115.54	699.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-253.30*	
26 05 36 00-0213		6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-0002)*		
26 05 36 00-0214		12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0215	EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	330.60	131.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.12*	
26 05 36 00-0216	EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	369.97	149.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.53*	
26 05 36 00-0217	EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	406.85	165.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.91*	
26 05 36 00-0218	EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	508.15	202.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.92*	
26 05 36 00-0219	EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	579.48	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.55*	
26 05 36 00-0220	EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	688.41	261.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.01*	
26 05 36 00-0221	EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	793.38	299.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.39*	
26 05 36 00-0222		24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0223	EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	458.27	136.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.44*	
26 05 36 00-0224	EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	499.41	157.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.86*	
26 05 36 00-0225	EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	537.59	174.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.21*	
26 05 36 00-0226	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	627.44	216.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.68*	
26 05 36 00-0227	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	704.79	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.52*	
26 05 36 00-0228	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	786.28	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.83*	
26 05 36 00-0229	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	920.13	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.45*	
26 05 36 00-0230		**36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0231	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	493.36	142.74
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.44*	
26 05 36 00-0232	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	544.97	165.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.73*	
26 05 36 00-0233	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	590.32	184.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.62*	
26 05 36 00-0234	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	710.74	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.68*	
26 05 36 00-0235	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	810.11	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.24*	
26 05 36 00-0236	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	949.55	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.76*	
26 05 36 00-0237	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,080.15	369.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.24*	
26 05 36 00-0238		**12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0239	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	245.54	95.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.62*	
		For 60 Degree Bend, Deduct	*-44.55*	
		For 30 Degree Bend, Deduct	*-79.53*	
26 05 36 00-0240	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	280.70	114.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.56*	
		For 60 Degree Bend, Deduct	*-48.88*	
		For 30 Degree Bend, Deduct	*-87.80*	
26 05 36 00-0241	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	312.28	130.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.31*	
		For 60 Degree Bend, Deduct	*-52.85*	
		For 30 Degree Bend, Deduct	*-95.36*	
26 05 36 00-0242	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	375.15	165.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.72*	
		For 60 Degree Bend, Deduct	*-60.36*	
		For 30 Degree Bend, Deduct	*-109.80*	
26 05 36 00-0243	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	465.58	202.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.66*	
		For 60 Degree Bend, Deduct	*-75.93*	
		For 30 Degree Bend, Deduct	*-137.81*	
26 05 36 00-0244	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	551.10	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.71*	
		For 60 Degree Bend, Deduct	*-92.64*	
		For 30 Degree Bend, Deduct	*-167.34*	
26 05 36 00-0245	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	625.63	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.80*	
		For 60 Degree Bend, Deduct	*-101.73*	
		For 30 Degree Bend, Deduct	*-184.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0246		24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0247	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	273.58	98.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.18*	
		For 60 Degree Bend, Deduct	*-52.65*	
		For 30 Degree Bend, Deduct	*-93.21*	
26 05 36 00-0248	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	314.41	118.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.57*	
		For 60 Degree Bend, Deduct	*-58.37*	
		For 30 Degree Bend, Deduct	*-103.86*	
26 05 36 00-0249	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	359.10	136.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.52*	
		For 60 Degree Bend, Deduct	*-66.10*	
		For 30 Degree Bend, Deduct	*-117.76*	
26 05 36 00-0250	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	425.84	174.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.03*	
		For 60 Degree Bend, Deduct	*-73.59*	
		For 30 Degree Bend, Deduct	*-132.35*	
26 05 36 00-0251	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	524.56	216.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.39*	
		For 60 Degree Bend, Deduct	*-89.99*	
		For 30 Degree Bend, Deduct	*-162.03*	
26 05 36 00-0252	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	614.33	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.47*	
		For 60 Degree Bend, Deduct	*-106.31*	
		For 30 Degree Bend, Deduct	*-191.16*	
26 05 36 00-0253	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	722.59	299.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.30*	
		For 60 Degree Bend, Deduct	*-123.66*	
		For 30 Degree Bend, Deduct	*-222.74*	
26 05 36 00-0254		36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0255	EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	326.73	101.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.23*	
		For 60 Degree Bend, Deduct	*-68.98*	
		For 30 Degree Bend, Deduct	*-120.60*	
26 05 36 00-0256	EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	371.88	123.10
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.93*	
		For 60 Degree Bend, Deduct	*-75.54*	
		For 30 Degree Bend, Deduct	*-132.74*	
26 05 36 00-0257	EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	408.39	142.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.93*	
		For 60 Degree Bend, Deduct	*-80.00*	
		For 30 Degree Bend, Deduct	*-141.28*	
26 05 36 00-0258	EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	492.76	184.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.86*	
		For 60 Degree Bend, Deduct	*-91.70*	
		For 30 Degree Bend, Deduct	*-163.12*	
26 05 36 00-0259	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	583.03	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.91*	
		For 60 Degree Bend, Deduct	*-103.18*	
		For 30 Degree Bend, Deduct	*-184.90*	
26 05 36 00-0260	EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	707.23	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.96*	
		For 60 Degree Bend, Deduct	*-128.66*	
		For 30 Degree Bend, Deduct	*-229.60*	
26 05 36 00-0261	EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	831.44	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.59*	
		For 60 Degree Bend, Deduct	*-147.60*	
		For 30 Degree Bend, Deduct	*-264.38*	
26 05 36 00-0262		12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0263	EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	366.16	130.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.70*	
26 05 36 00-0264	EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	400.64	149.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.60*	
26 05 36 00-0265	EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	431.98	165.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.42*	
26 05 36 00-0266	EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	501.06	202.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.21*	
26 05 36 00-0267	EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	557.90	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.39*	
26 05 36 00-0268	EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	620.12	261.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.19*	
26 05 36 00-0269	EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	688.72	298.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.96*	

26 05 36 00-0270 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0271	EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	436.76	136.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.29*	
26 05 36 00-0272	EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	476.10	157.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.51*	
26 05 36 00-0273	EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	513.71	174.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.82*	
26 05 36 00-0274	EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	595.95	216.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.53*	
26 05 36 00-0275	EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	665.69	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.61*	
26 05 36 00-0276	EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	735.95	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.80*	
26 05 36 00-0277	EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	843.56	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.80*	

26 05 36 00-0278 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0279	EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	520.12	142.74
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.12*	
26 05 36 00-0280	EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	567.97	165.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.02*	
26 05 36 00-0281	EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	604.07	184.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.99*	
26 05 36 00-0282	EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	707.49	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.35*	
26 05 36 00-0283	EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	778.33	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.07*	
26 05 36 00-0284	EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	891.01	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.91*	
26 05 36 00-0285	EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,006.39	369.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.87*	

26 05 36 00-0286 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0287	EA	6" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	656.90	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.73*	
26 05 36 00-0288	EA	9" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	710.77	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0289	EA	12" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	745.48	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.75*	
26 05 36 00-0290	EA	18" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	832.48	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.06*	
26 05 36 00-0291	EA	24" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	943.38	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.26*	
26 05 36 00-0292	EA	30" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,049.37	369.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.11*	
26 05 36 00-0293	EA	36" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,187.65	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.86*	
26 05 36 00-0294		**24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0295	EA	6" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	827.84	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.02*	
26 05 36 00-0296	EA	9" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	889.32	299.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.98*	
26 05 36 00-0297	EA	12" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	928.26	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.63*	
26 05 36 00-0298	EA	18" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,017.88	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.71*	
26 05 36 00-0299	EA	24" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,130.17	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.28*	
26 05 36 00-0300	EA	30" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,216.03	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.70*	
26 05 36 00-0301	EA	36" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,469.80	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.66*	
26 05 36 00-0302		**36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0303	EA	6" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,056.06	299.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.65*	
26 05 36 00-0304	EA	9" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,129.43	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.38*	
26 05 36 00-0305	EA	12" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,198.81	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.80*	
26 05 36 00-0306	EA	18" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,318.19	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.08*	
26 05 36 00-0307	EA	24" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,496.03	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-112.23*	
26 05 36 00-0308	EA	30" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,622.35	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-121.91*	
26 05 36 00-0309	EA	36" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,828.00	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-135.21*	
26 05 36 00-0310		**12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0311	EA	6" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	792.33	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.84*	
26 05 36 00-0312	EA	9" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	811.17	241.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.96*	
26 05 36 00-0313	EA	12" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	830.73	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.11*	
26 05 36 00-0314	EA	18" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	873.96	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.63*	
26 05 36 00-0315	EA	24" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	901.58	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0316	EA	30" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	977.93	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.60*	
26 05 36 00-0317	EA	36" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,053.36	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.26*	
26 05 36 00-0318		**24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0319	EA	6" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,150.01	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.04*	
26 05 36 00-0320	EA	9" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,177.97	261.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-95.97*	
26 05 36 00-0321	EA	12" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,207.43	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.98*	
26 05 36 00-0322	EA	18" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,272.46	299.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-102.29*	
26 05 36 00-0323	EA	24" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,318.49	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-105.66*	
26 05 36 00-0324	EA	30" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,397.47	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-110.67*	
26 05 36 00-0325	EA	36" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,506.21	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-117.88*	
26 05 36 00-0326		**36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0327	EA	6" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,821.16	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-159.35*	
26 05 36 00-0328	EA	9" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,859.42	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-162.15*	
26 05 36 00-0329	EA	12" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,900.38	299.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-165.08*	
26 05 36 00-0330	EA	18" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,970.20	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-169.46*	
26 05 36 00-0331	EA	24" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,018.29	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-172.75*	
26 05 36 00-0332	EA	30" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,144.78	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-181.74*	
26 05 36 00-0333	EA	36" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,255.20	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-188.15*	
26 05 36 00-0334		**12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0335	EA	6" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	818.29	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.64*	
26 05 36 00-0336	EA	9" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	859.82	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.42*	
26 05 36 00-0337	EA	12" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	918.55	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.78*	
26 05 36 00-0338	EA	18" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	985.52	369.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.72*	
26 05 36 00-0339	EA	24" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,109.61	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.06*	
26 05 36 00-0340	EA	30" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,240.60	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.69*	
26 05 36 00-0341	EA	36" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,356.28	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-95.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0342		**24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0343	EA	6" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,152.69	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.19*	
26 05 36 00-0344	EA	9" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,205.47	369.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.72*	
26 05 36 00-0345	EA	12" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,261.43	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-93.40*	
26 05 36 00-0346	EA	18" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,343.75	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.47*	
26 05 36 00-0347	EA	24" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,494.64	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-109.14*	
26 05 36 00-0348	EA	30" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,607.41	523.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-117.09*	
26 05 36 00-0349	EA	36" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,803.16	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-132.73*	
26 05 36 00-0350		**36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0351	EA	6" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,453.00	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-112.56*	
26 05 36 00-0352	EA	9" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,531.77	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-118.27*	
26 05 36 00-0353	EA	12" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,616.64	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-124.29*	
26 05 36 00-0354	EA	18" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,764.25	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-136.10*	
26 05 36 00-0355	EA	24" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,016.02	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-154.01*	
26 05 36 00-0356	EA	30" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,198.97	627.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-167.60*	
26 05 36 00-0357	EA	36" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,406.77	699.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-182.42*	
26 05 36 00-0358		**12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0359	EA	6" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	950.79	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.89*	
26 05 36 00-0360	EA	9" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	998.89	330.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.32*	
26 05 36 00-0361	EA	12" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,070.11	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.94*	
26 05 36 00-0362	EA	18" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,151.77	370.10
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.34*	
26 05 36 00-0363	EA	24" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,294.79	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.57*	
26 05 36 00-0364	EA	30" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,462.84	448.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-108.89*	
26 05 36 00-0365	EA	36" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,602.73	483.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-120.00*	
26 05 36 00-0366		**24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0367	EA	6" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,409.71	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-111.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0368	EA	9" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,470.47	369.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-116.22*	
26 05 36 00-0369	EA	12" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,534.42	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-120.70*	
26 05 36 00-0370	EA	18" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,634.29	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-128.52*	
26 05 36 00-0371	EA	24" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,804.34	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-140.11*	
26 05 36 00-0372	EA	30" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,937.87	523.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-150.13*	
26 05 36 00-0373	EA	36" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,186.30	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-171.04*	

26 05 36 00-0374 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0375	EA	6" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,812.19	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-148.48*	
26 05 36 00-0376	EA	9" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,906.92	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-155.79*	
26 05 36 00-0377	EA	12" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,007.76	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-163.40*	
26 05 36 00-0378	EA	18" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,195.28	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-179.21*	
26 05 36 00-0379	EA	24" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,494.94	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-201.91*	
26 05 36 00-0380	EA	30" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,717.80	627.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-219.48*	
26 05 36 00-0381	EA	36" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,965.51	699.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-238.30*	

26 05 36 00-0382 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-0002)*

26 05 36 00-0383 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0384	EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	311.97	131.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.25*	
26 05 36 00-0385	EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	349.86	149.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.52*	
26 05 36 00-0386	EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	384.97	165.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.72*	
26 05 36 00-0387	EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	479.77	202.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.08*	
26 05 36 00-0388	EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	547.55	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.36*	
26 05 36 00-0389	EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	646.43	261.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.82*	
26 05 36 00-0390	EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	744.30	299.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.48*	

26 05 36 00-0391 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0392	EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	419.84	136.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.60*	
26 05 36 00-0393	EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	459.79	157.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0394	EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	496.49	174.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.10*	
26 05 36 00-0395	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	583.09	216.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.24*	
26 05 36 00-0396	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	657.19	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.76*	
26 05 36 00-0397	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	734.55	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.66*	
26 05 36 00-0398	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	858.64	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.31*	
26 05 36 00-0399		**36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0382)*		
26 05 36 00-0400	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	450.79	142.74
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.18*	
26 05 36 00-0401	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	500.04	165.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.24*	
26 05 36 00-0402	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	543.32	184.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.92*	
26 05 36 00-0403	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	656.93	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.30*	
26 05 36 00-0404	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	750.98	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.33*	
26 05 36 00-0405	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	878.60	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.67*	
26 05 36 00-0406	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,002.70	369.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.50*	
26 05 36 00-0407		**12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0382)*		
26 05 36 00-0408	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	231.05	95.20
		For 60 Degree Bend, Deduct	*-39.76*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.17*	
		For 30 Degree Bend, Deduct	*-71.56*	
26 05 36 00-0409	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	265.63	114.19
		For 60 Degree Bend, Deduct	*-43.90*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.05*	
		For 30 Degree Bend, Deduct	*-79.51*	
26 05 36 00-0410	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	296.61	130.96
		For 60 Degree Bend, Deduct	*-47.68*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.75*	
		For 30 Degree Bend, Deduct	*-86.74*	
26 05 36 00-0411	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	358.60	165.54
		For 60 Degree Bend, Deduct	*-54.90*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.07*	
		For 30 Degree Bend, Deduct	*-100.69*	
26 05 36 00-0412	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	444.30	202.72
		For 60 Degree Bend, Deduct	*-68.91*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.54*	
		For 30 Degree Bend, Deduct	*-126.11*	
26 05 36 00-0413	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	523.90	232.72
		For 60 Degree Bend, Deduct	*-83.67*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.99*	
		For 30 Degree Bend, Deduct	*-152.38*	
26 05 36 00-0414	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	597.25	273.18
		For 60 Degree Bend, Deduct	*-92.36*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.96*	
		For 30 Degree Bend, Deduct	*-169.12*	
26 05 36 00-0415		**24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0382)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0416	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	255.26	98.22
		For 60 Degree Bend, Deduct	*-46.61*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.35*	
		For 30 Degree Bend, Deduct	*-83.13*	
26 05 36 00-0417	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	294.90	118.39
		For 60 Degree Bend, Deduct	*-51.93*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.62*	
		For 30 Degree Bend, Deduct	*-93.13*	
26 05 36 00-0418	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	337.22	136.72
		For 60 Degree Bend, Deduct	*-58.88*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.33*	
		For 30 Degree Bend, Deduct	*-105.73*	
26 05 36 00-0419	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	403.37	174.57
		For 60 Degree Bend, Deduct	*-66.18*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.79*	
		For 30 Degree Bend, Deduct	*-119.99*	
26 05 36 00-0420	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	497.36	216.87
		For 60 Degree Bend, Deduct	*-81.01*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.67*	
		For 30 Degree Bend, Deduct	*-147.07*	
26 05 36 00-0421	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	581.81	251.57
		For 60 Degree Bend, Deduct	*-95.58*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.22*	
		For 30 Degree Bend, Deduct	*-173.27*	
26 05 36 00-0422	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	685.34	299.50
		For 60 Degree Bend, Deduct	*-111.37*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.58*	
		For 30 Degree Bend, Deduct	*-202.26*	

26 05 36 00-0423 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0424	EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	300.42	101.37
		For 60 Degree Bend, Deduct	*-60.30*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.60*	
		For 30 Degree Bend, Deduct	*-106.13*	
26 05 36 00-0425	EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	344.09	123.10
		For 60 Degree Bend, Deduct	*-66.37*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.15*	
		For 30 Degree Bend, Deduct	*-117.45*	
26 05 36 00-0426	EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	380.01	142.88
		For 60 Degree Bend, Deduct	*-70.64*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.10*	
		For 30 Degree Bend, Deduct	*-125.67*	
26 05 36 00-0427	EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	462.02	184.92
		For 60 Degree Bend, Deduct	*-81.56*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.79*	
		For 30 Degree Bend, Deduct	*-146.21*	
26 05 36 00-0428	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	550.51	232.72
		For 60 Degree Bend, Deduct	*-92.45*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.66*	
		For 30 Degree Bend, Deduct	*-167.01*	
26 05 36 00-0429	EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	665.25	273.18
		For 60 Degree Bend, Deduct	*-114.80*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.76*	
		For 30 Degree Bend, Deduct	*-206.52*	
26 05 36 00-0430	EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	784.73	330.68
		For 60 Degree Bend, Deduct	*-132.19*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.91*	
		For 30 Degree Bend, Deduct	*-238.69*	

26 05 36 00-0431 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0432	EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	346.87	130.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.77*	
26 05 36 00-0433	EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	380.91	149.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0434	EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	411.58	165.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.38*	
26 05 36 00-0435	EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	479.77	202.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.08*	
26 05 36 00-0436	EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	535.73	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.18*	
26 05 36 00-0437	EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	596.17	261.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.79*	
26 05 36 00-0438	EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	663.88	298.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.47*	

26 05 36 00-0439 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0440	EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	409.49	136.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.57*	
26 05 36 00-0441	EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	448.17	157.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.72*	
26 05 36 00-0442	EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	484.67	174.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.92*	
26 05 36 00-0443	EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	565.35	216.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.47*	
26 05 36 00-0444	EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	633.54	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.39*	
26 05 36 00-0445	EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	702.03	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.41*	
26 05 36 00-0446	EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	805.42	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.98*	

26 05 36 00-0447 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0448	EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	483.31	142.74
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.43*	
26 05 36 00-0449	EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	529.83	165.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.20*	
26 05 36 00-0450	EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	565.49	184.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.13*	
26 05 36 00-0451	EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	665.80	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.18*	
26 05 36 00-0452	EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	736.20	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.85*	
26 05 36 00-0453	EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	843.12	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.12*	
26 05 36 00-0454	EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	955.39	369.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.77*	

26 05 36 00-0455 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0456	EA	6" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	617.28	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.77*	
26 05 36 00-0457	EA	9" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	668.20	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.05*	
26 05 36 00-0458	EA	12" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	700.55	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.26*	
26 05 36 00-0459	EA	18" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	781.04	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.91*	
26 05 36 00-0460	EA	24" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	883.07	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0461	EA	30" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	977.24	369.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.90*	
26 05 36 00-0462	EA	36" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,106.06	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.70*	
26 05 36 00-0463		**24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0382)*		
26 05 36 00-0464	EA	6" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	765.76	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.81*	
26 05 36 00-0465	EA	9" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	824.28	299.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.47*	
26 05 36 00-0466	EA	12" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	860.86	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.89*	
26 05 36 00-0467	EA	18" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	945.15	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.44*	
26 05 36 00-0468	EA	24" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,050.94	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.35*	
26 05 36 00-0469	EA	30" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,129.71	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.07*	
26 05 36 00-0470	EA	36" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,359.24	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-95.60*	
26 05 36 00-0471		**36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0382)*		
26 05 36 00-0472	EA	6" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	963.23	299.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.37*	
26 05 36 00-0473	EA	9" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,033.06	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.75*	
26 05 36 00-0474	EA	12" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,095.93	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.52*	
26 05 36 00-0475	EA	18" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,207.63	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.02*	
26 05 36 00-0476	EA	24" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,371.27	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.75*	
26 05 36 00-0477	EA	30" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,486.36	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-108.32*	
26 05 36 00-0478	EA	36" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,681.96	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-120.61*	
26 05 36 00-0479		**12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0382)*		
26 05 36 00-0480	EA	6" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	724.93	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.10*	
26 05 36 00-0481	EA	9" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	743.17	241.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.16*	
26 05 36 00-0482	EA	12" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	762.14	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.25*	
26 05 36 00-0483	EA	18" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	804.19	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.65*	
26 05 36 00-0484	EA	24" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	830.63	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.27*	
26 05 36 00-0485	EA	30" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	902.25	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.03*	
26 05 36 00-0486	EA	36" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	974.72	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0487		**24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0382)*		
26 05 36 00-0488	EA	6" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,028.21	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.86*	
26 05 36 00-0489	EA	9" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,054.40	261.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.61*	
26 05 36 00-0490	EA	12" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,082.09	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.44*	
26 05 36 00-0491	EA	18" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,143.56	299.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.40*	
26 05 36 00-0492	EA	24" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,186.05	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.41*	
26 05 36 00-0493	EA	30" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,261.48	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.07*	
26 05 36 00-0494	EA	36" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,364.31	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-103.69*	
26 05 36 00-0495		**36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0382)*		
26 05 36 00-0496	EA	6" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,593.53	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-136.59*	
26 05 36 00-0497	EA	9" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,628.83	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-139.09*	
26 05 36 00-0498	EA	12" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,666.83	299.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-141.73*	
26 05 36 00-0499	EA	18" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,733.70	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-145.81*	
26 05 36 00-0500	EA	24" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,778.83	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-148.81*	
26 05 36 00-0501	EA	30" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,896.45	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-156.91*	
26 05 36 00-0502	EA	36" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,003.92	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-163.02*	
26 05 36 00-0503		**12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0382)*		
26 05 36 00-0504	EA	6" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	769.21	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.73*	
26 05 36 00-0505	EA	9" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	808.38	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.28*	
26 05 36 00-0506	EA	12" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	862.38	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.16*	
26 05 36 00-0507	EA	18" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	924.03	369.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.57*	
26 05 36 00-0508	EA	24" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,041.02	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.20*	
26 05 36 00-0509	EA	30" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,158.42	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.47*	
26 05 36 00-0510	EA	36" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,264.64	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.14*	
26 05 36 00-0511		**24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0382)*		
26 05 36 00-0512	EA	6" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,057.49	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0513	EA	9" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,107.32	369.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.90*	
26 05 36 00-0514	EA	12" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,160.33	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.29*	
26 05 36 00-0515	EA	18" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,236.14	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.71*	
26 05 36 00-0516	EA	24" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,379.93	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.67*	
26 05 36 00-0517	EA	30" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,485.02	523.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-104.85*	
26 05 36 00-0518	EA	36" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,661.26	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-118.54*	

26 05 36 00-0519 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0520	EA	6" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,319.97	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.26*	
26 05 36 00-0521	EA	9" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,392.82	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-104.38*	
26 05 36 00-0522	EA	12" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,471.78	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-109.80*	
26 05 36 00-0523	EA	18" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,604.61	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-120.14*	
26 05 36 00-0524	EA	24" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,838.64	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-136.28*	
26 05 36 00-0525	EA	30" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,006.81	627.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-148.38*	
26 05 36 00-0526	EA	36" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,199.82	699.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-161.73*	

26 05 36 00-0527 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0528	EA	6" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	879.63	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.77*	
26 05 36 00-0529	EA	9" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	924.31	330.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.86*	
26 05 36 00-0530	EA	12" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	988.66	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.79*	
26 05 36 00-0531	EA	18" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,062.61	370.10
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.42*	
26 05 36 00-0532	EA	24" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,195.34	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.63*	
26 05 36 00-0533	EA	30" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,343.67	448.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.98*	
26 05 36 00-0534	EA	36" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,469.85	483.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.71*	

26 05 36 00-0535 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0536	EA	6" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,271.68	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.09*	
26 05 36 00-0537	EA	9" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,328.15	369.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.99*	
26 05 36 00-0538	EA	12" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,387.81	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.04*	
26 05 36 00-0539	EA	18" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,478.26	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-112.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0540	EA	24" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,638.02	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-123.48*	
26 05 36 00-0541	EA	30" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,760.40	523.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-132.39*	
26 05 36 00-0542	EA	36" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,980.54	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-150.47*	
26 05 36 00-0543		**36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0382)*		
26 05 36 00-0544	EA	6" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,619.29	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-129.19*	
26 05 36 00-0545	EA	9" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,705.45	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-135.64*	
26 05 36 00-0546	EA	12" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,797.72	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-142.40*	
26 05 36 00-0547	EA	18" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,963.80	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-156.06*	
26 05 36 00-0548	EA	24" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,237.74	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-176.19*	
26 05 36 00-0549	EA	30" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,439.17	627.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-191.62*	
26 05 36 00-0550	EA	36" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,665.44	699.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-208.29*	
26 05 36 00-0551		**12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings** *(26 05 36 00-0002)*		
26 05 36 00-0552		**12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0553	EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	305.45	131.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.60*	
26 05 36 00-0554	EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	342.83	149.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.82*	
26 05 36 00-0555	EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	377.32	165.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.95*	
26 05 36 00-0556	EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	469.84	202.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.09*	
26 05 36 00-0557	EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	536.38	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.24*	
26 05 36 00-0558	EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	631.73	261.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.35*	
26 05 36 00-0559	EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	727.13	299.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.77*	
26 05 36 00-0560		**24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0561	EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	406.39	136.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.26*	
26 05 36 00-0562	EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	445.93	157.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.51*	
26 05 36 00-0563	EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	482.11	174.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.66*	
26 05 36 00-0564	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	567.57	216.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.69*	
26 05 36 00-0565	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	640.53	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0566	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	716.44	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.85*	
26 05 36 00-0567	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	837.11	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.15*	

26 05 36 00-0568 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0569	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	435.89	142.74
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.69*	
26 05 36 00-0570	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	484.31	165.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.66*	
26 05 36 00-0571	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	526.86	184.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.27*	
26 05 36 00-0572	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	638.10	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.41*	
26 05 36 00-0573	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	730.29	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.26*	
26 05 36 00-0574	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	853.76	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.18*	
26 05 36 00-0575	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	975.59	369.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.79*	

26 05 36 00-0576 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0577	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	225.98	95.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.67*	
		For 30 Degree Bend, Deduct	*-68.77*	
		For 60 Degree Bend, Deduct	*-38.09*	
26 05 36 00-0578	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	260.35	114.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.52*	
		For 30 Degree Bend, Deduct	*-76.61*	
		For 60 Degree Bend, Deduct	*-42.16*	
26 05 36 00-0579	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	291.13	130.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.20*	
		For 30 Degree Bend, Deduct	*-83.73*	
		For 60 Degree Bend, Deduct	*-45.87*	
26 05 36 00-0580	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	352.80	165.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.49*	
		For 30 Degree Bend, Deduct	*-97.50*	
		For 60 Degree Bend, Deduct	*-52.99*	
26 05 36 00-0581	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	436.85	202.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.79*	
		For 30 Degree Bend, Deduct	*-122.01*	
		For 60 Degree Bend, Deduct	*-66.45*	
26 05 36 00-0582	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	514.38	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.04*	
		For 30 Degree Bend, Deduct	*-147.14*	
		For 60 Degree Bend, Deduct	*-80.53*	
26 05 36 00-0583	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	587.32	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.96*	
		For 30 Degree Bend, Deduct	*-163.65*	
		For 60 Degree Bend, Deduct	*-89.09*	

26 05 36 00-0584 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0585	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	248.84	98.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.70*	
		For 30 Degree Bend, Deduct	*-79.60*	
		For 60 Degree Bend, Deduct	*-44.49*	
26 05 36 00-0586	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	288.07	118.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.94*	
		For 30 Degree Bend, Deduct	*-89.37*	
		For 60 Degree Bend, Deduct	*-49.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0587	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	329.57	136.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.57*	
		For 30 Degree Bend, Deduct	*-101.52*	
		For 60 Degree Bend, Deduct	*-56.35*	
26 05 36 00-0588	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	395.51	174.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.00*	
		For 30 Degree Bend, Deduct	*-115.67*	
		For 60 Degree Bend, Deduct	*-63.58*	
26 05 36 00-0589	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	487.84	216.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.72*	
		For 30 Degree Bend, Deduct	*-141.83*	
		For 60 Degree Bend, Deduct	*-77.87*	
26 05 36 00-0590	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	570.42	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.08*	
		For 30 Degree Bend, Deduct	*-167.01*	
		For 60 Degree Bend, Deduct	*-91.82*	
26 05 36 00-0591	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	672.30	299.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.28*	
		For 30 Degree Bend, Deduct	*-195.08*	
		For 60 Degree Bend, Deduct	*-107.07*	

26 05 36 00-0592 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0593	EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	291.21	101.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.68*	
		For 30 Degree Bend, Deduct	*-101.06*	
		For 60 Degree Bend, Deduct	*-57.26*	
26 05 36 00-0594	EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	334.36	123.10
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.18*	
		For 30 Degree Bend, Deduct	*-112.10*	
		For 60 Degree Bend, Deduct	*-63.16*	
26 05 36 00-0595	EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	370.08	142.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.10*	
		For 30 Degree Bend, Deduct	*-120.21*	
		For 60 Degree Bend, Deduct	*-67.36*	
26 05 36 00-0596	EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	451.26	184.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.71*	
		For 30 Degree Bend, Deduct	*-140.29*	
		For 60 Degree Bend, Deduct	*-78.01*	
26 05 36 00-0597	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	539.12	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.52*	
		For 30 Degree Bend, Deduct	*-160.75*	
		For 60 Degree Bend, Deduct	*-88.69*	
26 05 36 00-0598	EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	650.55	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.29*	
		For 30 Degree Bend, Deduct	*-198.43*	
		For 60 Degree Bend, Deduct	*-109.95*	
26 05 36 00-0599	EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	768.38	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.28*	
		For 30 Degree Bend, Deduct	*-229.70*	
		For 60 Degree Bend, Deduct	*-126.79*	

26 05 36 00-0600 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0601	EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	337.87	130.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.87*	
26 05 36 00-0602	EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	371.70	149.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.70*	
26 05 36 00-0603	EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	402.06	165.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.43*	
26 05 36 00-0604	EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	469.84	202.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.09*	
26 05 36 00-0605	EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	525.38	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0606	EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	585.00	261.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.67*	
26 05 36 00-0607	EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	652.29	298.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.31*	

26 05 36 00-0608 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0609	EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	396.77	136.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.29*	
26 05 36 00-0610	EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	435.13	157.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.42*	
26 05 36 00-0611	EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	471.11	174.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.56*	
26 05 36 00-0612	EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	551.08	216.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.04*	
26 05 36 00-0613	EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	618.54	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.89*	
26 05 36 00-0614	EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	686.20	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.83*	
26 05 36 00-0615	EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	787.62	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.20*	

26 05 36 00-0616 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0617	EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	466.14	142.74
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.72*	
26 05 36 00-0618	EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	512.03	165.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.42*	
26 05 36 00-0619	EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	547.48	184.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.33*	
26 05 36 00-0620	EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	646.35	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.24*	
26 05 36 00-0621	EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	716.54	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.89*	
26 05 36 00-0622	EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	820.77	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.89*	
26 05 36 00-0623	EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	931.60	369.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.39*	

26 05 36 00-0624 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0625	EA	6" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	597.47	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.79*	
26 05 36 00-0626	EA	9" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	646.92	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.92*	
26 05 36 00-0627	EA	12" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	678.08	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.01*	
26 05 36 00-0628	EA	18" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	755.32	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.34*	
26 05 36 00-0629	EA	24" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	852.92	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.22*	
26 05 36 00-0630	EA	30" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	941.17	369.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.29*	
26 05 36 00-0631	EA	36" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,065.26	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0632		**24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0633	EA	6" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	734.72	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.70*	
26 05 36 00-0634	EA	9" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	791.76	299.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.22*	
26 05 36 00-0635	EA	12" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	827.16	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.52*	
26 05 36 00-0636	EA	18" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	908.79	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.80*	
26 05 36 00-0637	EA	24" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,011.33	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.39*	
26 05 36 00-0638	EA	30" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,086.55	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.75*	
26 05 36 00-0639	EA	36" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,303.96	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.08*	
26 05 36 00-0640		**36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0641	EA	6" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	916.82	299.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.73*	
26 05 36 00-0642	EA	9" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	984.87	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.93*	
26 05 36 00-0643	EA	12" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,044.49	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.37*	
26 05 36 00-0644	EA	18" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,152.35	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.50*	
26 05 36 00-0645	EA	24" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,308.89	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-93.51*	
26 05 36 00-0646	EA	30" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,418.36	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.52*	
26 05 36 00-0647	EA	36" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,608.94	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-113.31*	
26 05 36 00-0648		**12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0649	EA	6" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	691.23	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.73*	
26 05 36 00-0650	EA	9" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	709.18	241.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.76*	
26 05 36 00-0651	EA	12" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	727.85	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.82*	
26 05 36 00-0652	EA	18" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	769.31	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.16*	
26 05 36 00-0653	EA	24" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	795.15	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.72*	
26 05 36 00-0654	EA	30" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	864.41	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.25*	
26 05 36 00-0655	EA	36" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	935.40	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.46*	
26 05 36 00-0656		**24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0657	EA	6" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	967.31	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0658	EA	9" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	992.61	261.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.43*	
26 05 36 00-0659	EA	12" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,019.41	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.17*	
26 05 36 00-0660	EA	18" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,079.12	299.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.96*	
26 05 36 00-0661	EA	24" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,119.83	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.79*	
26 05 36 00-0662	EA	30" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,193.48	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.27*	
26 05 36 00-0663	EA	36" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,293.36	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.60*	
26 05 36 00-0664		**36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0665	EA	6" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,479.71	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-125.20*	
26 05 36 00-0666	EA	9" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,513.53	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-127.56*	
26 05 36 00-0667	EA	12" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,550.05	299.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-130.05*	
26 05 36 00-0668	EA	18" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,615.45	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-133.99*	
26 05 36 00-0669	EA	24" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,659.10	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-136.83*	
26 05 36 00-0670	EA	30" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,772.28	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-144.49*	
26 05 36 00-0671	EA	36" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,878.27	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-150.45*	
26 05 36 00-0672		**12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0673	EA	6" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	744.68	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.28*	
26 05 36 00-0674	EA	9" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	782.66	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.71*	
26 05 36 00-0675	EA	12" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	834.29	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.35*	
26 05 36 00-0676	EA	18" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	893.28	369.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.50*	
26 05 36 00-0677	EA	24" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,006.73	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.77*	
26 05 36 00-0678	EA	30" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,117.32	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.36*	
26 05 36 00-0679	EA	36" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,218.81	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.56*	
26 05 36 00-0680		**24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0681	EA	6" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,009.90	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.91*	
26 05 36 00-0682	EA	9" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,058.24	369.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.00*	
26 05 36 00-0683	EA	12" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,109.77	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.24*	
26 05 36 00-0684	EA	18" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,182.33	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0685	EA	24" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,322.58	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.94*	
26 05 36 00-0686	EA	30" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,423.83	523.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.73*	
26 05 36 00-0687	EA	36" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,590.31	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-111.44*	

26 05 36 00-0688 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0689	EA	6" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,253.45	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.61*	
26 05 36 00-0690	EA	9" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,323.35	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.43*	
26 05 36 00-0691	EA	12" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,399.35	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-102.56*	
26 05 36 00-0692	EA	18" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,524.79	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-112.16*	
26 05 36 00-0693	EA	24" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,749.95	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-127.41*	
26 05 36 00-0694	EA	30" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,910.73	627.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-138.77*	
26 05 36 00-0695	EA	36" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,096.35	699.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-151.38*	

26 05 36 00-0696 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0697	EA	6" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	844.05	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.21*	
26 05 36 00-0698	EA	9" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	887.01	330.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.13*	
26 05 36 00-0699	EA	12" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	947.94	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.72*	
26 05 36 00-0700	EA	18" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,018.03	370.10
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.96*	
26 05 36 00-0701	EA	24" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,145.61	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.66*	
26 05 36 00-0702	EA	30" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,284.09	448.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.02*	
26 05 36 00-0703	EA	36" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,403.41	483.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-100.07*	

26 05 36 00-0704 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0705	EA	6" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,202.66	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.19*	
26 05 36 00-0706	EA	9" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,256.99	369.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.87*	
26 05 36 00-0707	EA	12" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,314.51	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.71*	
26 05 36 00-0708	EA	18" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,400.24	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-105.12*	
26 05 36 00-0709	EA	24" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,554.86	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-115.17*	
26 05 36 00-0710	EA	30" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,671.67	523.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-123.51*	
26 05 36 00-0711	EA	36" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,877.66	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-140.18*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0712		36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0713	EA	6" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,522.84	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-119.54*	
26 05 36 00-0714	EA	9" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,604.71	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-125.57*	
26 05 36 00-0715	EA	12" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,692.69	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-131.89*	
26 05 36 00-0716	EA	18" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,848.06	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-144.49*	
26 05 36 00-0717	EA	24" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,109.14	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-163.33*	
26 05 36 00-0718	EA	30" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,299.85	627.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-177.68*	
26 05 36 00-0719	EA	36" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,515.41	699.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-193.29*	
26 05 36 00-0720		Dropout Or End Plates And Reducers *(26 05 36 00-0002)*		
26 05 36 00-0721		Straight Reducers *(26 05 36 00-0720)*		
26 05 36 00-0722	EA	9" To 6" Reducer, Steel Cable Tray	297.11	96.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.66*	
26 05 36 00-0723	EA	12" To 9" Reducer, Steel Cable Tray	313.38	104.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.62*	
26 05 36 00-0724	EA	18" To 12" Reducer, Steel Cable Tray	340.30	120.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.96*	
26 05 36 00-0725	EA	24" To 18" Reducer, Steel Cable Tray	374.76	139.74
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.83*	
26 05 36 00-0726	EA	30" To 24" Reducer, Steel Cable Tray	406.78	157.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.58*	
26 05 36 00-0727	EA	36" To 30" Reducer, Steel Cable Tray	461.87	179.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.22*	
26 05 36 00-0728		Reducers *(26 05 36 00-0720)*		
26 05 36 00-0729	EA	18" To 6" Reducer, Steel Cable Tray	346.34	120.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.56*	
26 05 36 00-0730	EA	24" To 12" Reducer, Steel Cable Tray	381.01	139.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.44*	
26 05 36 00-0731	EA	30" To 12" Reducer, Steel Cable Tray	418.40	157.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.75*	
26 05 36 00-0732	EA	30" To 18" Reducer, Steel Cable Tray	424.11	156.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.34*	
26 05 36 00-0733	EA	36" To 12" Reducer, Steel Cable Tray	464.82	179.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.52*	
26 05 36 00-0734	EA	36" To 18" Reducer, Steel Cable Tray	478.60	184.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.50*	
26 05 36 00-0735	EA	36" To 24" Reducer, Steel Cable Tray	494.32	190.16
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.59*	
26 05 36 00-0736		Dropout Or End Plate *(26 05 36 00-0720)*		
26 05 36 00-0737	EA	6" Dropout Or End Plate, Steel Cable Tray	80.70	39.29
26 05 36 00-0738	EA	9" Dropout Or End Plate, Steel Cable Tray	92.67	44.92
26 05 36 00-0739	EA	12" Dropout Or End Plate, Steel Cable Tray	100.05	48.33
26 05 36 00-0740	EA	18" Dropout Or End Plate, Steel Cable Tray	118.11	57.10
26 05 36 00-0741	EA	24" Dropout Or End Plate, Steel Cable Tray	132.55	62.86
26 05 36 00-0742	EA	30" Dropout Or End Plate, Steel Cable Tray	146.88	69.80
26 05 36 00-0743	EA	36" Dropout Or End Plate, Steel Cable Tray	165.84	78.58
26 05 36 00-0744		Ladder Bottom Aluminum Cable Tray *(26 05 36 00-0001)* Note: 4-5/8" Height		
26 05 36 00-0745		Straight Tray Sections *(26 05 36 00-0744)*		
26 05 36 00-0746		4" Rung Spacing *(26 05 36 00-0745)*		
26 05 36 00-0747	LF	6" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	122.50	9.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.13*	
		For Class 12C Instead Of Class 12B, Add	*16.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0748	LF	9" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	129.54	9.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.48*	
		For Class 12C Instead Of Class 12B, Add	*17.82*	
26 05 36 00-0749	LF	12" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	136.56	10.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.83*	
		For Class 12C Instead Of Class 12B, Add	*18.80*	
26 05 36 00-0750	LF	18" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	151.73	11.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*7.59*	
		For Class 12C Instead Of Class 12B, Add	*20.92*	
26 05 36 00-0751	LF	24" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	175.32	11.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*8.77*	
		For Class 12C Instead Of Class 12B, Add	*24.34*	
26 05 36 00-0752	LF	30" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	192.35	12.58
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.62*	
		For Class 12C Instead Of Class 12B, Add	*26.76*	
26 05 36 00-0753	LF	36" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	207.37	13.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.37*	
		For Class 12C Instead Of Class 12B, Add	*28.87*	
26 05 36 00-0754		**6" Rung Spacing** *(26 05 36 00-0745)*		
26 05 36 00-0755	LF	6" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	112.75	9.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.64*	
		For Class 12C Instead Of Class 12B, Add	*15.38*	
26 05 36 00-0756	LF	9" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	119.23	9.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.96*	
		For Class 12C Instead Of Class 12B, Add	*16.27*	
26 05 36 00-0757	LF	12" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	125.68	10.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.28*	
		For Class 12C Instead Of Class 12B, Add	*17.17*	
26 05 36 00-0758	LF	18" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	139.62	11.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.98*	
		For Class 12C Instead Of Class 12B, Add	*19.10*	
26 05 36 00-0759	LF	24" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	161.16	11.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*8.06*	
		For Class 12C Instead Of Class 12B, Add	*22.22*	
26 05 36 00-0760	LF	30" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	176.76	12.58
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*8.84*	
		For Class 12C Instead Of Class 12B, Add	*24.43*	
26 05 36 00-0761	LF	36" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	190.55	13.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.53*	
		For Class 12C Instead Of Class 12B, Add	*26.35*	
26 05 36 00-0762		**9" Rung Spacing** *(26 05 36 00-0745)*		
26 05 36 00-0763	LF	6" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	100.23	8.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.01*	
		For Class 12C Instead Of Class 12B, Add	*13.57*	
26 05 36 00-0764	LF	9" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	101.35	9.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.07*	
		For Class 12C Instead Of Class 12B, Add	*13.67*	
26 05 36 00-0765	LF	12" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	108.74	9.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.44*	
		For Class 12C Instead Of Class 12B, Add	*14.70*	
26 05 36 00-0766	LF	18" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	116.10	10.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.81*	
		For Class 12C Instead Of Class 12B, Add	*15.69*	
26 05 36 00-0767	LF	24" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	131.92	10.74
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.60*	
		For Class 12C Instead Of Class 12B, Add	*18.00*	
26 05 36 00-0768	LF	30" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	146.21	11.52
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*7.31*	
		For Class 12C Instead Of Class 12B, Add	*20.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0769	LF	36" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	155.01	12.58
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*7.75*	
		For Class 12C Instead Of Class 12B, Add	*21.15*	

26 05 36 00-0770 12" Rung Spacing *(26 05 36 00-0745)*

26 05 36 00-0771	LF	6" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	98.29	8.52
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*4.91*	
		For Class 12C Instead Of Class 12B, Add	*13.33*	
26 05 36 00-0772	LF	9" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	99.28	8.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*4.96*	
		For Class 12C Instead Of Class 12B, Add	*13.42*	
26 05 36 00-0773	LF	12" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	102.99	9.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.15*	
		For Class 12C Instead Of Class 12B, Add	*13.89*	
26 05 36 00-0774	LF	18" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	109.12	9.82
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.46*	
		For Class 12C Instead Of Class 12B, Add	*14.72*	
26 05 36 00-0775	LF	24" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	119.82	9.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.99*	
		For Class 12C Instead Of Class 12B, Add	*16.30*	
26 05 36 00-0776	LF	30" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	128.53	11.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.43*	
		For Class 12C Instead Of Class 12B, Add	*17.45*	
26 05 36 00-0777	LF	36" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	135.77	11.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.79*	
		For Class 12C Instead Of Class 12B, Add	*18.38*	

26 05 36 00-0778 18" Rung Spacing *(26 05 36 00-0745)*

26 05 36 00-0779	LF	6" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	97.43	8.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*4.87*	
		For Class 12C Instead Of Class 12B, Add	*13.24*	
26 05 36 00-0780	LF	9" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	96.99	8.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-8.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*4.85*	
		For Class 12C Instead Of Class 12B, Add	*13.12*	
26 05 36 00-0781	LF	12" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	102.34	8.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.12*	
		For Class 12C Instead Of Class 12B, Add	*13.86*	
26 05 36 00-0782	LF	18" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	107.87	9.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.39*	
		For Class 12C Instead Of Class 12B, Add	*14.61*	
26 05 36 00-0783	LF	24" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	115.24	9.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.76*	
		For Class 12C Instead Of Class 12B, Add	*15.70*	
26 05 36 00-0784	LF	30" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	120.01	10.48
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.00*	
		For Class 12C Instead Of Class 12B, Add	*16.27*	
26 05 36 00-0785	LF	36" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	126.43	11.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.32*	
		For Class 12C Instead Of Class 12B, Add	*17.06*	

26 05 36 00-0786 4" Rung Tray Fittings *(26 05 36 00-0744)*

26 05 36 00-0787 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-0786)*

26 05 36 00-0788	EA	6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	375.18	131.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.76*	
26 05 36 00-0789	EA	9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	409.64	149.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.48*	
26 05 36 00-0790	EA	12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	465.56	165.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.28*	
26 05 36 00-0791	EA	18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	551.59	202.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.27*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0792	EA	24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	653.08	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.65*	
26 05 36 00-0793	EA	30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	717.53	261.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.88*	
26 05 36 00-0794	EA	36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	839.29	299.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.96*	
26 05 36 00-0795		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-0786)*		
26 05 36 00-0796	EA	6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	504.72	136.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.24*	
26 05 36 00-0797	EA	9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	550.63	157.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.53*	
26 05 36 00-0798	EA	12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	593.79	174.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.69*	
26 05 36 00-0799	EA	18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	689.86	216.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.49*	
26 05 36 00-0800	EA	24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	779.36	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.97*	
26 05 36 00-0801	EA	30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	869.66	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.48*	
26 05 36 00-0802	EA	36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	994.44	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.72*	
26 05 36 00-0803		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-0786)*		
26 05 36 00-0804	EA	6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	542.68	142.74
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.13*	
26 05 36 00-0805	EA	9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	588.02	165.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.40*	
26 05 36 00-0806	EA	12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	656.57	184.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.83*	
26 05 36 00-0807	EA	18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	779.72	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.99*	
26 05 36 00-0808	EA	24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	898.61	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.93*	
26 05 36 00-0809	EA	30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,010.64	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.53*	
26 05 36 00-0810	EA	36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,173.46	369.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.67*	
26 05 36 00-0811		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-0786)*		
26 05 36 00-0812	EA	6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	261.52	95.20
		For 30 Degree Bend, Deduct	*-88.32*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.22*	
		For 60 Degree Bend, Deduct	*-49.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.08*	
26 05 36 00-0813	EA	9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	297.10	114.19
		For 30 Degree Bend, Deduct	*-96.82*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.20*	
		For 60 Degree Bend, Deduct	*-54.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.86*	
26 05 36 00-0814	EA	12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	329.09	130.96
		For 30 Degree Bend, Deduct	*-104.61*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.00*	
		For 60 Degree Bend, Deduct	*-58.40*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.45*	
26 05 36 00-0815	EA	18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	406.42	165.54
		For 30 Degree Bend, Deduct	*-126.99*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.85*	
		For 60 Degree Bend, Deduct	*-70.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.32*	
26 05 36 00-0816	EA	24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	500.14	202.72
		For 30 Degree Bend, Deduct	*-156.82*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.12*	
		For 60 Degree Bend, Deduct	*-87.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0817	EA	30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	573.92	232.72
		For 30 Degree Bend, Deduct	*-179.89*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.00*	
		For 60 Degree Bend, Deduct	*-100.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.70*	
26 05 36 00-0818	EA	36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	649.28	273.18
		For 30 Degree Bend, Deduct	*-197.73*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.16*	
		For 60 Degree Bend, Deduct	*-109.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.46*	

26 05 36 00-0819 45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-0786)*

26 05 36 00-0820	EA	6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	302.13	98.22
		For 30 Degree Bend, Deduct	*-108.91*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.03*	
		For 60 Degree Bend, Deduct	*-62.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.11*	
26 05 36 00-0821	EA	9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	351.69	118.39
		For 30 Degree Bend, Deduct	*-124.36*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.30*	
		For 60 Degree Bend, Deduct	*-70.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.58*	
26 05 36 00-0822	EA	12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	386.15	136.72
		For 30 Degree Bend, Deduct	*-132.64*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.22*	
		For 60 Degree Bend, Deduct	*-75.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.31*	
26 05 36 00-0823	EA	18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	461.21	174.57
		For 30 Degree Bend, Deduct	*-151.81*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.57*	
		For 60 Degree Bend, Deduct	*-85.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.06*	
26 05 36 00-0824	EA	24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	559.26	216.87
		For 30 Degree Bend, Deduct	*-181.11*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.86*	
		For 60 Degree Bend, Deduct	*-101.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.96*	
26 05 36 00-0825	EA	30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	656.67	251.57
		For 30 Degree Bend, Deduct	*-214.45*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.71*	
		For 60 Degree Bend, Deduct	*-120.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.83*	
26 05 36 00-0826	EA	36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	748.43	299.50
		For 30 Degree Bend, Deduct	*-236.96*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.89*	
		For 60 Degree Bend, Deduct	*-132.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.42*	

26 05 36 00-0827 45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-0786)*

26 05 36 00-0828	EA	6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	354.87	101.37
		For 30 Degree Bend, Deduct	*-136.08*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.04*	
		For 60 Degree Bend, Deduct	*-78.27*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.74*	
26 05 36 00-0829	EA	9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	395.11	123.10
		For 30 Degree Bend, Deduct	*-145.51*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.25*	
		For 60 Degree Bend, Deduct	*-83.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.76*	
26 05 36 00-0830	EA	12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	432.04	142.88
		For 30 Degree Bend, Deduct	*-154.28*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.30*	
		For 60 Degree Bend, Deduct	*-87.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.60*	
26 05 36 00-0831	EA	18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	522.01	184.92
		For 30 Degree Bend, Deduct	*-179.20*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.79*	
		For 60 Degree Bend, Deduct	*-101.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.10*	
26 05 36 00-0832	EA	24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	649.12	232.72
		For 30 Degree Bend, Deduct	*-221.25*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.52*	
		For 60 Degree Bend, Deduct	*-124.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.46*	
26 05 36 00-0833	EA	30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	732.39	273.18
		For 30 Degree Bend, Deduct	*-243.44*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.47*	
		For 60 Degree Bend, Deduct	*-136.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.62*	
26 05 36 00-0834	EA	36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	855.92	330.68
		For 30 Degree Bend, Deduct	*-277.84*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.03*	
		For 60 Degree Bend, Deduct	*-155.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 05 36 00-0835 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-0786)*

26 05 36 00-0836	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	412.62	130.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.63*	
26 05 36 00-0837	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	454.30	149.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.72*	
26 05 36 00-0838	EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	484.08	165.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.20*	
26 05 36 00-0839	EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	553.42	202.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.67*	
26 05 36 00-0840	EA	24" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	614.06	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.70*	
26 05 36 00-0841	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	673.29	261.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.66*	
26 05 36 00-0842	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	742.15	298.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.11*	

26 05 36 00-0843 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-0786)*

26 05 36 00-0844	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	437.93	136.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.90*	
26 05 36 00-0845	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	481.01	157.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.05*	
26 05 36 00-0846	EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	515.42	174.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.77*	
26 05 36 00-0847	EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	598.13	216.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.91*	
26 05 36 00-0848	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	670.10	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.51*	
26 05 36 00-0849	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	740.89	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.04*	
26 05 36 00-0850	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	833.87	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.69*	

26 05 36 00-0851 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-0786)*

26 05 36 00-0852	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	563.04	142.74
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.15*	
26 05 36 00-0853	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	607.75	165.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.39*	
26 05 36 00-0854	EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	661.66	184.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.08*	
26 05 36 00-0855	EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	755.41	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.77*	
26 05 36 00-0856	EA	24" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	836.99	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.85*	
26 05 36 00-0857	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	933.74	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.69*	
26 05 36 00-0858	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,042.99	369.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.15*	

26 05 36 00-0859 12" Radius Horizontal Tees *(26 05 36 00-0786)*

26 05 36 00-0860	EA	6" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	643.39	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.17*	
26 05 36 00-0861	EA	9" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	694.23	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.71*	
26 05 36 00-0862	EA	12" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	718.42	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0863	EA	18" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	814.17	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.71*	
26 05 36 00-0864	EA	24" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	901.26	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.06*	
26 05 36 00-0865	EA	30" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	987.75	369.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.39*	
26 05 36 00-0866	EA	36" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,142.77	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.14*	
26 05 36 00-0867		**24" Radius Horizontal Tees** *(26 05 36 00-0786)*		
26 05 36 00-0868	EA	6" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	837.55	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.88*	
26 05 36 00-0869	EA	9" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	903.34	299.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.17*	
26 05 36 00-0870	EA	12" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	939.12	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.96*	
26 05 36 00-0871	EA	18" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,033.56	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.68*	
26 05 36 00-0872	EA	24" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,147.25	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.36*	
26 05 36 00-0873	EA	30" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,238.32	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.92*	
26 05 36 00-0874	EA	36" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,633.29	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-123.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*81.66*	
26 05 36 00-0875		**36" Radius Horizontal Tees** *(26 05 36 00-0786)*		
26 05 36 00-0876	EA	6" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,039.32	299.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.97*	
26 05 36 00-0877	EA	9" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,106.11	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.31*	
26 05 36 00-0878	EA	12" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,187.91	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*59.40*	
26 05 36 00-0879	EA	18" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,294.25	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.71*	
26 05 36 00-0880	EA	24" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,453.09	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-107.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*72.65*	
26 05 36 00-0881	EA	30" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,699.44	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-129.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*84.97*	
26 05 36 00-0882	EA	36" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,944.00	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-146.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*97.20*	
26 05 36 00-0883		**12" Radius Vertical Tees** *(26 05 36 00-0786)*		
26 05 36 00-0884	EA	6" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	891.39	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.57*	
26 05 36 00-0885	EA	9" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	921.38	241.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.07*	
26 05 36 00-0886	EA	12" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	941.06	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.05*	
26 05 36 00-0887	EA	18" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	988.23	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.41*	
26 05 36 00-0888	EA	24" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,052.85	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.64*	
26 05 36 00-0889	EA	30" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,111.84	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.59*	
26 05 36 00-0890	EA	36" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,187.91	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*59.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0891		**24" Radius Vertical Tees** *(26 05 36 00-0786)*		
26 05 36 00-0892	EA	6" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,271.81	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.59*	
26 05 36 00-0893	EA	9" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,300.16	261.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-108.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*65.01*	
26 05 36 00-0894	EA	12" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,330.00	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-110.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*66.50*	
26 05 36 00-0895	EA	18" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,399.47	299.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-114.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*69.97*	
26 05 36 00-0896	EA	24" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,446.27	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-118.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*72.31*	
26 05 36 00-0897	EA	30" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,526.01	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-123.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*76.30*	
26 05 36 00-0898	EA	36" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,683.80	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-135.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*84.19*	
26 05 36 00-0899		**36" Radius Vertical Tee** *(26 05 36 00-0786)*		
26 05 36 00-0900	EA	6" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,077.32	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-184.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*103.87*	
26 05 36 00-0901	EA	9" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,118.89	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-188.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*105.94*	
26 05 36 00-0902	EA	12" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,163.17	299.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-191.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*108.16*	
26 05 36 00-0903	EA	18" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,236.36	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-196.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*111.82*	
26 05 36 00-0904	EA	24" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,287.76	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-199.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*114.39*	
26 05 36 00-0905	EA	30" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,424.21	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-209.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*121.21*	
26 05 36 00-0906	EA	36" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,537.95	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-216.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*126.90*	
26 05 36 00-0907		**12" Radius Horizontal Crosses** *(26 05 36 00-0786)*		
26 05 36 00-0908	EA	6" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	836.22	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.81*	
26 05 36 00-0909	EA	9" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	896.63	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.83*	
26 05 36 00-0910	EA	12" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	930.66	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.53*	
26 05 36 00-0911	EA	18" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,039.20	369.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.96*	
26 05 36 00-0912	EA	24" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,135.42	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.77*	
26 05 36 00-0913	EA	30" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,261.99	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.10*	
26 05 36 00-0914	EA	36" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,449.54	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-104.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*72.48*	
26 05 36 00-0915		**24" Radius Horizontal Crosses** *(26 05 36 00-0786)*		
26 05 36 00-0916	EA	6" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,180.56	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*59.03*	
26 05 36 00-0917	EA	9" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,233.97	369.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.70*	
26 05 36 00-0918	EA	12" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,290.58	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0919	EA	18" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,366.94	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*68.35*	
26 05 36 00-0920	EA	24" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,534.06	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-113.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*76.70*	
26 05 36 00-0921	EA	30" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,687.83	523.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-125.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*84.39*	
26 05 36 00-0922	EA	36" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,870.27	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-139.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*93.51*	

26 05 36 00-0923 36" Radius Horizontal Crosses *(26 05 36 00-0786)*

26 05 36 00-0924	EA	6" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,360.40	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-103.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*68.02*	
26 05 36 00-0925	EA	9" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,466.73	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-111.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*73.34*	
26 05 36 00-0926	EA	12" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,562.25	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-118.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*78.11*	
26 05 36 00-0927	EA	18" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,636.96	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-123.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*81.85*	
26 05 36 00-0928	EA	24" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,980.75	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-150.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*99.04*	
26 05 36 00-0929	EA	30" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,185.26	627.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-166.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*109.26*	
26 05 36 00-0930	EA	36" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,433.00	699.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-185.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*121.65*	

26 05 36 00-0931 12" Radius Vertical Cross *(26 05 36 00-0786)*

26 05 36 00-0932	EA	6" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	836.22	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.81*	
26 05 36 00-0933	EA	9" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	896.82	330.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.84*	
26 05 36 00-0934	EA	12" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	930.56	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.53*	
26 05 36 00-0935	EA	18" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,039.43	370.10
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.97*	
26 05 36 00-0936	EA	24" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,135.42	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.77*	
26 05 36 00-0937	EA	30" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,262.33	448.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.12*	
26 05 36 00-0938	EA	36" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,448.55	483.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-104.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*72.43*	

26 05 36 00-0939 24" Radius Vertical Crosses *(26 05 36 00-0786)*

26 05 36 00-0940	EA	6" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,180.56	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*59.03*	
26 05 36 00-0941	EA	9" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,233.97	369.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.70*	
26 05 36 00-0942	EA	12" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,290.58	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.53*	
26 05 36 00-0943	EA	18" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,366.94	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*68.35*	
26 05 36 00-0944	EA	24" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,534.06	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-113.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*76.70*	
26 05 36 00-0945	EA	30" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,652.17	523.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-121.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*82.61*	
26 05 36 00-0946	EA	36" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,830.08	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-135.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*91.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0947		**36" Radius Vertical Crosses** *(26 05 36 00-0786)*		
26 05 36 00-0948	EA	6" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,677.92	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-135.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*83.90*	
26 05 36 00-0949	EA	9" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,763.84	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-141.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*88.19*	
26 05 36 00-0950	EA	12" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,877.19	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-150.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*93.86*	
26 05 36 00-0951	EA	18" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,010.71	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-160.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*100.54*	
26 05 36 00-0952	EA	24" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,443.80	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-196.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*122.19*	
26 05 36 00-0953	EA	30" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,697.93	627.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-217.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*134.90*	
26 05 36 00-0954	EA	36" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	3,003.54	699.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-242.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*150.18*	
26 05 36 00-0955		**6" Rung Tray Fittings** *(26 05 36 00-0744)*		
26 05 36 00-0956		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-0955)*		
26 05 36 00-0957	EA	6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	352.85	131.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.64*	
26 05 36 00-0958	EA	9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	386.74	149.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.34*	
26 05 36 00-0959	EA	12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	438.42	165.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.92*	
26 05 36 00-0960	EA	18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	521.06	202.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.05*	
26 05 36 00-0961	EA	24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	615.20	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.76*	
26 05 36 00-0962	EA	30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	677.38	261.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.87*	
26 05 36 00-0963	EA	36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	790.67	299.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.53*	
26 05 36 00-0964		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-0955)*		
26 05 36 00-0965	EA	6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	465.14	136.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.26*	
26 05 36 00-0966	EA	9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	509.36	157.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.47*	
26 05 36 00-0967	EA	12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	550.54	174.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.53*	
26 05 36 00-0968	EA	18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	642.93	216.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.15*	
26 05 36 00-0969	EA	24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	727.91	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.40*	
26 05 36 00-0970	EA	30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	813.41	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.67*	
26 05 36 00-0971	EA	36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	931.12	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.56*	
26 05 36 00-0972		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-0955)*		
26 05 36 00-0973	EA	6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	499.15	142.74
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.96*	
26 05 36 00-0974	EA	9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	543.35	165.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0975	EA	12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	606.81	184.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.27*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.34*	
26 05 36 00-0976	EA	18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	723.75	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.19*	
26 05 36 00-0977	EA	24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	835.29	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.76*	
26 05 36 00-0978	EA	30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	941.09	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.05*	
26 05 36 00-0979	EA	36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,093.74	369.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.69*	
26 05 36 00-0980		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-0955)*		
26 05 36 00-0981	EA	6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	246.82	95.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.75*	
		For 30 Degree Bend, Deduct	*-80.23*	
		For 60 Degree Bend, Deduct	*-44.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.34*	
26 05 36 00-0982	EA	9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	281.83	114.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.67*	
		For 30 Degree Bend, Deduct	*-88.42*	
		For 60 Degree Bend, Deduct	*-49.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.09*	
26 05 36 00-0983	EA	12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	313.25	130.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.41*	
		For 30 Degree Bend, Deduct	*-95.89*	
		For 60 Degree Bend, Deduct	*-53.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.66*	
26 05 36 00-0984	EA	18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	387.77	165.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.99*	
		For 30 Degree Bend, Deduct	*-116.74*	
		For 60 Degree Bend, Deduct	*-64.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.39*	
26 05 36 00-0985	EA	24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	476.95	202.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.80*	
		For 30 Degree Bend, Deduct	*-144.07*	
		For 60 Degree Bend, Deduct	*-79.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.85*	
26 05 36 00-0986	EA	30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	547.35	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.34*	
		For 30 Degree Bend, Deduct	*-165.27*	
		For 60 Degree Bend, Deduct	*-91.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.37*	
26 05 36 00-0987	EA	36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	621.57	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.39*	
		For 30 Degree Bend, Deduct	*-182.49*	
		For 60 Degree Bend, Deduct	*-100.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.08*	
26 05 36 00-0988		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-0955)*		
26 05 36 00-0989	EA	6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	282.34	98.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.05*	
		For 30 Degree Bend, Deduct	*-98.02*	
		For 60 Degree Bend, Deduct	*-55.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.12*	
26 05 36 00-0990	EA	9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	329.64	118.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.10*	
		For 30 Degree Bend, Deduct	*-112.23*	
		For 60 Degree Bend, Deduct	*-63.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.48*	
26 05 36 00-0991	EA	12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	363.53	136.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.96*	
		For 30 Degree Bend, Deduct	*-120.20*	
		For 60 Degree Bend, Deduct	*-67.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.18*	
26 05 36 00-0992	EA	18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	436.90	174.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.14*	
		For 30 Degree Bend, Deduct	*-138.43*	
		For 60 Degree Bend, Deduct	*-77.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.85*	
26 05 36 00-0993	EA	24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	530.99	216.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.03*	
		For 30 Degree Bend, Deduct	*-165.57*	
		For 60 Degree Bend, Deduct	*-92.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.55*	
26 05 36 00-0994	EA	30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	622.75	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.31*	
		For 30 Degree Bend, Deduct	*-195.79*	
		For 60 Degree Bend, Deduct	*-109.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0995	EA	36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	712.81	299.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.33*	
		For 30 Degree Bend, Deduct	*-217.36*	
		For 60 Degree Bend, Deduct	*-120.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.64*	
26 05 36 00-0996		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-0955)*		
26 05 36 00-0997	EA	6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	328.30	101.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.39*	
		For 30 Degree Bend, Deduct	*-121.46*	
		For 60 Degree Bend, Deduct	*-69.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.42*	
26 05 36 00-0998	EA	9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	367.97	123.10
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.54*	
		For 30 Degree Bend, Deduct	*-130.58*	
		For 60 Degree Bend, Deduct	*-74.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.40*	
26 05 36 00-0999	EA	12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	404.33	142.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.53*	
		For 30 Degree Bend, Deduct	*-139.04*	
		For 60 Degree Bend, Deduct	*-78.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.22*	
26 05 36 00-1000	EA	18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	491.48	184.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.73*	
		For 30 Degree Bend, Deduct	*-162.41*	
		For 60 Degree Bend, Deduct	*-91.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.57*	
26 05 36 00-1001	EA	24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	611.80	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.78*	
		For 30 Degree Bend, Deduct	*-200.72*	
		For 60 Degree Bend, Deduct	*-112.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.59*	
26 05 36 00-1002	EA	30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	692.81	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.51*	
		For 30 Degree Bend, Deduct	*-221.67*	
		For 60 Degree Bend, Deduct	*-123.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.64*	
26 05 36 00-1003	EA	36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	812.39	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.68*	
		For 30 Degree Bend, Deduct	*-253.90*	
		For 60 Degree Bend, Deduct	*-141.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.62*	
26 05 36 00-1004		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-0955)*		
26 05 36 00-1005	EA	6" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	397.07	130.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.85*	
26 05 36 00-1006	EA	9" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	437.91	149.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.90*	
26 05 36 00-1007	EA	12" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	467.40	165.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.37*	
26 05 36 00-1008	EA	18" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	536.18	202.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.81*	
26 05 36 00-1009	EA	24" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	595.97	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.80*	
26 05 36 00-1010	EA	30" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	654.35	261.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.72*	
26 05 36 00-1011	EA	36" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	722.65	298.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.13*	
26 05 36 00-1012		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-0955)*		
26 05 36 00-1013	EA	6" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	421.11	136.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.06*	
26 05 36 00-1014	EA	9" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	463.48	157.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.17*	
26 05 36 00-1015	EA	12" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	497.47	174.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.87*	
26 05 36 00-1016	EA	18" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	579.19	216.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.96*	
26 05 36 00-1017	EA	24" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	650.03	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1018	EA	30" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	719.69	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.98*	
26 05 36 00-1019	EA	36" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	811.26	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.56*	
26 05 36 00-1020		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-0955)*		
26 05 36 00-1021	EA	6" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	537.03	142.74
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.85*	
26 05 36 00-1022	EA	9" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	581.18	165.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.06*	
26 05 36 00-1023	EA	12" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	633.39	184.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.67*	
26 05 36 00-1024	EA	18" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	726.01	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.30*	
26 05 36 00-1025	EA	24" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	806.45	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.32*	
26 05 36 00-1026	EA	30" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	900.95	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.05*	
26 05 36 00-1027	EA	36" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,008.79	369.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.44*	
26 05 36 00-1028		**12" Radius Horizontal Tees** *(26 05 36 00-0955)*		
26 05 36 00-1029	EA	6" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	626.14	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.31*	
26 05 36 00-1030	EA	9" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	675.85	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.79*	
26 05 36 00-1031	EA	12" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	699.76	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.99*	
26 05 36 00-1032	EA	18" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	791.83	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.59*	
26 05 36 00-1033	EA	24" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	876.66	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.83*	
26 05 36 00-1034	EA	30" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	959.19	369.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.96*	
26 05 36 00-1035	EA	36" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,108.56	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.43*	
26 05 36 00-1036		**24" Radius Horizontal Tees** *(26 05 36 00-0955)*		
26 05 36 00-1037	EA	6" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	808.15	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.41*	
26 05 36 00-1038	EA	9" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	872.24	299.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.27*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.61*	
26 05 36 00-1039	EA	12" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	907.17	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.36*	
26 05 36 00-1040	EA	18" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	998.78	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.94*	
26 05 36 00-1041	EA	24" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,109.37	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.47*	
26 05 36 00-1042	EA	30" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,196.76	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*59.84*	
26 05 36 00-1043	EA	36" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,569.68	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-116.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*78.48*	
26 05 36 00-1044		**36" Radius Horizontal Tees** *(26 05 36 00-0955)*		
26 05 36 00-1045	EA	6" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	997.76	299.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1046	EA	9" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,063.42	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.17*	
26 05 36 00-1047	EA	12" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,141.26	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.06*	
26 05 36 00-1048	EA	18" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,245.06	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*62.25*	
26 05 36 00-1049	EA	24" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,398.81	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-102.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*69.94*	
26 05 36 00-1050	EA	30" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,630.74	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-122.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*81.54*	
26 05 36 00-1051	EA	36" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,867.68	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-139.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*93.38*	
26 05 36 00-1052		**12" Radius Vertical Tees** *(26 05 36 00-0955)*		
26 05 36 00-1053	EA	6" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	852.66	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.63*	
26 05 36 00-1054	EA	9" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	881.52	241.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.08*	
26 05 36 00-1055	EA	12" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	900.92	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.05*	
26 05 36 00-1056	EA	18" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	947.24	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.36*	
26 05 36 00-1057	EA	24" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,008.46	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.42*	
26 05 36 00-1058	EA	30" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,066.61	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.33*	
26 05 36 00-1059	EA	36" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,141.26	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.06*	
26 05 36 00-1060		**24" Radius Vertical Tees** *(26 05 36 00-0955)*		
26 05 36 00-1061	EA	6" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,206.23	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*60.31*	
26 05 36 00-1062	EA	9" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,233.72	261.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.69*	
26 05 36 00-1063	EA	12" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,262.72	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-103.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.14*	
26 05 36 00-1064	EA	18" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,330.21	299.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-108.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*66.51*	
26 05 36 00-1065	EA	24" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,375.31	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-111.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*68.77*	
26 05 36 00-1066	EA	30" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,453.36	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-116.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*72.67*	
26 05 36 00-1067	EA	36" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,604.65	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-127.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*80.23*	
26 05 36 00-1068		**36" Radius Vertical Tees** *(26 05 36 00-0955)*		
26 05 36 00-1069	EA	6" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,952.55	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-172.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*97.63*	
26 05 36 00-1070	EA	9" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,992.51	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-175.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*99.63*	
26 05 36 00-1071	EA	12" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,035.16	299.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-178.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*101.76*	
26 05 36 00-1072	EA	18" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,106.73	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-183.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*105.34*	
26 05 36 00-1073	EA	24" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,156.51	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-186.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*107.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1074	EA	30" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,288.10	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-196.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*114.41*	
26 05 36 00-1075	EA	36" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,400.23	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-202.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*120.01*	
26 05 36 00-1076		**12" Radius Horizontal Crosses** *(26 05 36 00-0955)*		
26 05 36 00-1077	EA	6" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	812.19	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.61*	
26 05 36 00-1078	EA	9" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	870.06	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.50*	
26 05 36 00-1079	EA	12" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	903.80	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.19*	
26 05 36 00-1080	EA	18" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,006.69	369.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.33*	
26 05 36 00-1081	EA	24" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,101.78	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.27*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.09*	
26 05 36 00-1082	EA	30" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,222.41	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.12*	
26 05 36 00-1083	EA	36" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,400.07	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*70.00*	
26 05 36 00-1084		**24" Radius Horizontal Crosses** *(26 05 36 00-0955)*		
26 05 36 00-1085	EA	6" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,134.48	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.72*	
26 05 36 00-1086	EA	9" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,186.48	369.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*59.32*	
26 05 36 00-1087	EA	12" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,241.67	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*62.08*	
26 05 36 00-1088	EA	18" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,315.49	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*65.77*	
26 05 36 00-1089	EA	24" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,478.09	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-107.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*73.90*	
26 05 36 00-1090	EA	30" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,592.24	523.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-115.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*79.61*	
26 05 36 00-1091	EA	36" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,762.51	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-128.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*88.13*	
26 05 36 00-1092		**36" Radius Horizontal Crosses** *(26 05 36 00-0955)*		
26 05 36 00-1093	EA	6" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,306.12	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*65.31*	
26 05 36 00-1094	EA	9" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,376.55	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-102.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*68.83*	
26 05 36 00-1095	EA	12" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,466.66	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-109.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*73.33*	
26 05 36 00-1096	EA	18" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,573.07	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-116.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*78.65*	
26 05 36 00-1097	EA	24" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,901.60	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-142.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*95.08*	
26 05 36 00-1098	EA	30" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,097.63	627.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-157.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*104.88*	
26 05 36 00-1099	EA	36" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,335.47	699.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-175.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*116.77*	
26 05 36 00-1100		**12" Radius Vertical Crosses** *(26 05 36 00-0955)*		
26 05 36 00-1101	EA	6" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	812.19	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1102	EA	9" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	870.25	330.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.51*	
26 05 36 00-1103	EA	12" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	903.70	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.19*	
26 05 36 00-1104	EA	18" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,006.92	370.10
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.35*	
26 05 36 00-1105	EA	24" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,101.78	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.27*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.09*	
26 05 36 00-1106	EA	30" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,222.75	448.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.14*	
26 05 36 00-1107	EA	36" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,399.08	483.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*69.95*	
26 05 36 00-1108		**24" Radius Vertical Crosses** *(26 05 36 00-0955)*		
26 05 36 00-1109	EA	6" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,134.48	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.72*	
26 05 36 00-1110	EA	9" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,186.48	369.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*59.32*	
26 05 36 00-1111	EA	12" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,241.67	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*62.08*	
26 05 36 00-1112	EA	18" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,315.49	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*65.77*	
26 05 36 00-1113	EA	24" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,478.09	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-107.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*73.90*	
26 05 36 00-1114	EA	30" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,592.24	523.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-115.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*79.61*	
26 05 36 00-1115	EA	36" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,762.51	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-128.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*88.13*	
26 05 36 00-1116		**36" Radius Vertical Crosses** *(26 05 36 00-0955)*		
26 05 36 00-1117	EA	6" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,599.22	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-127.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*79.96*	
26 05 36 00-1118	EA	9" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,681.86	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-133.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*84.09*	
26 05 36 00-1119	EA	12" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,790.29	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-141.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*89.51*	
26 05 36 00-1120	EA	18" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,918.07	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-151.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*95.90*	
26 05 36 00-1121	EA	24" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,329.03	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-185.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*116.45*	
26 05 36 00-1122	EA	30" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,570.86	627.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-204.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*128.54*	
26 05 36 00-1123	EA	36" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,862.13	699.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-227.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*143.11*	
26 05 36 00-1124		**9" Rung Tray Fittings** *(26 05 36 00-0744)*		
26 05 36 00-1125		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1124)*		
26 05 36 00-1126	EA	6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	330.51	131.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.53*	
26 05 36 00-1127	EA	9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	363.84	149.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.19*	
26 05 36 00-1128	EA	12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	411.28	165.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.56*	
26 05 36 00-1129	EA	18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	490.52	202.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1130	EA	24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	577.31	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.87*	
26 05 36 00-1131	EA	30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	637.24	261.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.86*	
26 05 36 00-1132	EA	36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	742.05	299.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.10*	
26 05 36 00-1133		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1124)*		
26 05 36 00-1134	EA	6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	425.57	136.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.28*	
26 05 36 00-1135	EA	9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	468.09	157.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.40*	
26 05 36 00-1136	EA	12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	507.29	174.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.36*	
26 05 36 00-1137	EA	18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	596.01	216.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.80*	
26 05 36 00-1138	EA	24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	676.46	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.82*	
26 05 36 00-1139	EA	30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	757.15	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.86*	
26 05 36 00-1140	EA	36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	867.80	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.39*	
26 05 36 00-1141		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1124)*		
26 05 36 00-1142	EA	6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	455.61	142.74
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.78*	
26 05 36 00-1143	EA	9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	498.69	165.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.93*	
26 05 36 00-1144	EA	12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	557.06	184.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.85*	
26 05 36 00-1145	EA	18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	667.78	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.39*	
26 05 36 00-1146	EA	24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	771.97	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.60*	
26 05 36 00-1147	EA	30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	871.55	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.58*	
26 05 36 00-1148	EA	36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,014.02	369.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.70*	
26 05 36 00-1149		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1124)*		
26 05 36 00-1150	EA	6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	232.12	95.20
		For 30 Degree Bend, Deduct	*-72.15*	
		For 60 Degree Bend, Deduct	*-40.12*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.61*	
26 05 36 00-1151	EA	9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	266.57	114.19
		For 30 Degree Bend, Deduct	*-80.03*	
		For 60 Degree Bend, Deduct	*-44.21*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.33*	
26 05 36 00-1152	EA	12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	297.42	130.96
		For 30 Degree Bend, Deduct	*-87.19*	
		For 60 Degree Bend, Deduct	*-47.95*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.87*	
26 05 36 00-1153	EA	18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	369.11	165.54
		For 30 Degree Bend, Deduct	*-106.47*	
		For 60 Degree Bend, Deduct	*-58.37*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.46*	
26 05 36 00-1154	EA	24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	453.77	202.72
		For 30 Degree Bend, Deduct	*-131.32*	
		For 60 Degree Bend, Deduct	*-72.03*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1155	EA	30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	520.78	232.72
		For 30 Degree Bend, Deduct	*-150.66*	
		For 60 Degree Bend, Deduct	*-82.64*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.04*	
26 05 36 00-1156	EA	36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	593.87	273.18
		For 30 Degree Bend, Deduct	*-167.26*	
		For 60 Degree Bend, Deduct	*-91.25*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.69*	

26 05 36 00-1157 45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1124)*

26 05 36 00-1158	EA	6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	262.55	98.22
		For 30 Degree Bend, Deduct	*-87.14*	
		For 60 Degree Bend, Deduct	*-49.01*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.13*	
26 05 36 00-1159	EA	9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	307.59	118.39
		For 30 Degree Bend, Deduct	*-100.11*	
		For 60 Degree Bend, Deduct	*-56.12*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.38*	
26 05 36 00-1160	EA	12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	340.92	136.72
		For 30 Degree Bend, Deduct	*-107.76*	
		For 60 Degree Bend, Deduct	*-60.10*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.05*	
26 05 36 00-1161	EA	18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	412.59	174.57
		For 30 Degree Bend, Deduct	*-125.06*	
		For 60 Degree Bend, Deduct	*-69.22*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.63*	
26 05 36 00-1162	EA	24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	502.72	216.87
		For 30 Degree Bend, Deduct	*-150.02*	
		For 60 Degree Bend, Deduct	*-82.78*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.14*	
26 05 36 00-1163	EA	30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	588.83	251.57
		For 30 Degree Bend, Deduct	*-177.13*	
		For 60 Degree Bend, Deduct	*-97.90*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.44*	
26 05 36 00-1164	EA	36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	677.19	299.50
		For 30 Degree Bend, Deduct	*-197.77*	
		For 60 Degree Bend, Deduct	*-108.68*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.86*	

26 05 36 00-1165 45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1124)*

26 05 36 00-1166	EA	6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	301.73	101.37
		For 30 Degree Bend, Deduct	*-106.85*	
		For 60 Degree Bend, Deduct	*-60.73*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.09*	
26 05 36 00-1167	EA	9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	340.83	123.10
		For 30 Degree Bend, Deduct	*-115.66*	
		For 60 Degree Bend, Deduct	*-65.29*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.04*	
26 05 36 00-1168	EA	12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	376.63	142.88
		For 30 Degree Bend, Deduct	*-123.81*	
		For 60 Degree Bend, Deduct	*-69.52*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.83*	
26 05 36 00-1169	EA	18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	460.94	184.92
		For 30 Degree Bend, Deduct	*-145.62*	
		For 60 Degree Bend, Deduct	*-81.20*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.05*	
26 05 36 00-1170	EA	24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	574.49	232.72
		For 30 Degree Bend, Deduct	*-180.20*	
		For 60 Degree Bend, Deduct	*-100.36*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.72*	
26 05 36 00-1171	EA	30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	653.24	273.18
		For 30 Degree Bend, Deduct	*-199.91*	
		For 60 Degree Bend, Deduct	*-110.84*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.66*	
26 05 36 00-1172	EA	36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	768.85	330.68
		For 30 Degree Bend, Deduct	*-229.95*	
		For 60 Degree Bend, Deduct	*-126.95*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1173		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-1124)*		
26 05 36 00-1174	EA	6" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	373.75	130.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.69*	
26 05 36 00-1175	EA	9" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	413.31	149.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.67*	
26 05 36 00-1176	EA	12" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	442.38	165.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.12*	
26 05 36 00-1177	EA	18" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	510.31	202.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.52*	
26 05 36 00-1178	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	568.83	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.44*	
26 05 36 00-1179	EA	30" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	625.93	261.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.30*	
26 05 36 00-1180	EA	36" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	693.39	298.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.67*	
26 05 36 00-1181		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-1124)*		
26 05 36 00-1182	EA	6" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	395.88	136.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.79*	
26 05 36 00-1183	EA	9" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	437.19	157.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.86*	
26 05 36 00-1184	EA	12" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	470.54	174.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.53*	
26 05 36 00-1185	EA	18" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	550.77	216.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.54*	
26 05 36 00-1186	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	619.92	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.00*	
26 05 36 00-1187	EA	30" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	687.89	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.39*	
26 05 36 00-1188	EA	36" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	777.33	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.87*	
26 05 36 00-1189		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-1124)*		
26 05 36 00-1190	EA	6" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	498.02	142.74
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.90*	
26 05 36 00-1191	EA	9" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	541.32	165.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.07*	
26 05 36 00-1192	EA	12" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	590.98	184.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.55*	
26 05 36 00-1193	EA	18" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	681.91	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.10*	
26 05 36 00-1194	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	760.66	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.03*	
26 05 36 00-1195	EA	30" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	851.76	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.59*	
26 05 36 00-1196	EA	36" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	957.48	369.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.87*	
26 05 36 00-1197		**12" Radius Horizontal Tees** *(26 05 36 00-1124)*		
26 05 36 00-1198	EA	6" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	591.65	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.58*	
26 05 36 00-1199	EA	9" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	639.10	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.96*	
26 05 36 00-1200	EA	12" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	662.45	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1201	EA	18" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	747.17	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.36*	
26 05 36 00-1202	EA	24" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	827.47	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.37*	
26 05 36 00-1203	EA	30" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	902.09	369.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.10*	
26 05 36 00-1204	EA	36" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,040.15	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.01*	
26 05 36 00-1205		**24" Radius Horizontal Tees** *(26 05 36 00-1124)*		
26 05 36 00-1206	EA	6" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	749.35	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.47*	
26 05 36 00-1207	EA	9" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	810.05	299.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.50*	
26 05 36 00-1208	EA	12" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	843.28	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.16*	
26 05 36 00-1209	EA	18" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	929.24	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.46*	
26 05 36 00-1210	EA	24" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,033.61	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.68*	
26 05 36 00-1211	EA	30" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,113.65	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.68*	
26 05 36 00-1212	EA	36" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,442.47	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-103.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*72.12*	
26 05 36 00-1213		**36" Radius Horizontal Tees** *(26 05 36 00-1124)*		
26 05 36 00-1214	EA	6" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	914.65	299.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.73*	
26 05 36 00-1215	EA	9" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	978.05	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.90*	
26 05 36 00-1216	EA	12" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,047.97	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.40*	
26 05 36 00-1217	EA	18" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,146.69	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.33*	
26 05 36 00-1218	EA	24" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,290.26	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.51*	
26 05 36 00-1219	EA	30" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,493.35	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-109.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*74.67*	
26 05 36 00-1220	EA	36" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,715.02	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-123.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*85.75*	
26 05 36 00-1221		**12" Radius Vertical Tees** *(26 05 36 00-1124)*		
26 05 36 00-1222	EA	6" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	775.20	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.76*	
26 05 36 00-1223	EA	9" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	801.80	241.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.09*	
26 05 36 00-1224	EA	12" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	820.63	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.03*	
26 05 36 00-1225	EA	18" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	865.25	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.26*	
26 05 36 00-1226	EA	24" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	919.70	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.99*	
26 05 36 00-1227	EA	30" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	976.15	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.81*	
26 05 36 00-1228	EA	36" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,047.97	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1229		**24" Radius Vertical Tees** *(26 05 36 00-1124)*		
26 05 36 00-1230	EA	6" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,075.06	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.75*	
26 05 36 00-1231	EA	9" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,100.86	261.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.04*	
26 05 36 00-1232	EA	12" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,128.16	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.41*	
26 05 36 00-1233	EA	18" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,191.69	299.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*59.58*	
26 05 36 00-1234	EA	24" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,233.40	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.67*	
26 05 36 00-1235	EA	30" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,308.05	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*65.40*	
26 05 36 00-1236	EA	36" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,446.34	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-111.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*72.32*	
26 05 36 00-1237		**36" Radius Vertical Tees** *(26 05 36 00-1124)*		
26 05 36 00-1238	EA	6" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,703.02	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-147.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*85.15*	
26 05 36 00-1239	EA	9" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,739.73	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-150.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*86.99*	
26 05 36 00-1240	EA	12" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,779.15	299.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-152.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*88.96*	
26 05 36 00-1241	EA	18" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,847.47	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-157.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*92.37*	
26 05 36 00-1242	EA	24" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,894.02	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-160.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*94.70*	
26 05 36 00-1243	EA	30" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,015.88	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-168.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*100.79*	
26 05 36 00-1244	EA	36" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,124.77	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-175.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*106.24*	
26 05 36 00-1245		**12" Radius Horizontal Crosses** *(26 05 36 00-1124)*		
26 05 36 00-1246	EA	6" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	764.13	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.21*	
26 05 36 00-1247	EA	9" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	816.91	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.85*	
26 05 36 00-1248	EA	12" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	850.09	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.50*	
26 05 36 00-1249	EA	18" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	941.67	369.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.08*	
26 05 36 00-1250	EA	24" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,034.49	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.72*	
26 05 36 00-1251	EA	30" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,143.26	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.16*	
26 05 36 00-1252	EA	36" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,301.12	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*65.06*	
26 05 36 00-1253		**24" Radius Horizontal Crosses** *(26 05 36 00-1124)*		
26 05 36 00-1254	EA	6" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,042.32	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.12*	
26 05 36 00-1255	EA	9" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,091.49	369.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.57*	
26 05 36 00-1256	EA	12" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,143.86	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1257	EA	18" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,212.59	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*60.63*	
26 05 36 00-1258	EA	24" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,366.14	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*68.31*	
26 05 36 00-1259	EA	30" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,472.38	523.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-103.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*73.62*	
26 05 36 00-1260	EA	36" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,627.39	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-115.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*81.37*	

26 05 36 00-1261 36" Radius Horizontal Crosses *(26 05 36 00-1124)*

26 05 36 00-1262	EA	6" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,197.57	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*59.88*	
26 05 36 00-1263	EA	9" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,263.48	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.17*	
26 05 36 00-1264	EA	12" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,346.80	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*67.34*	
26 05 36 00-1265	EA	18" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,445.30	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-104.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*72.27*	
26 05 36 00-1266	EA	24" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,743.29	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-126.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*87.16*	
26 05 36 00-1267	EA	30" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,922.36	627.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-139.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*96.12*	
26 05 36 00-1268	EA	36" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,140.41	699.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-155.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*107.02*	

26 05 36 00-1269 12" Radius Vertical Crosses *(26 05 36 00-1124)*

26 05 36 00-1270	EA	6" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	764.13	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.21*	
26 05 36 00-1271	EA	9" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	816.91	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.85*	
26 05 36 00-1272	EA	12" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	850.09	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.50*	
26 05 36 00-1273	EA	18" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	941.67	369.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.08*	
26 05 36 00-1274	EA	24" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,034.49	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.72*	
26 05 36 00-1275	EA	30" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,143.26	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.16*	
26 05 36 00-1276	EA	36" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,299.14	482.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.96*	

26 05 36 00-1277 24" Radius Vertical Crosses *(26 05 36 00-1124)*

26 05 36 00-1278	EA	6" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,042.32	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.12*	
26 05 36 00-1279	EA	9" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,091.49	369.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.57*	
26 05 36 00-1280	EA	12" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,143.86	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.19*	
26 05 36 00-1281	EA	18" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,212.59	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*60.63*	
26 05 36 00-1282	EA	24" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,366.14	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*68.31*	
26 05 36 00-1283	EA	30" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,472.38	523.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-103.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*73.62*	
26 05 36 00-1284	EA	36" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,627.39	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-115.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*81.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1285		**36" Radius Vertical Crosses** *(26 05 36 00-1124)*		
26 05 36 00-1286	EA	6" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,441.82	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-111.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*72.09*	
26 05 36 00-1287	EA	9" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,517.90	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-116.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*75.90*	
26 05 36 00-1288	EA	12" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,616.49	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-124.27*	
		For 6" Overall Height Instead Of 4-5/8", Add	*80.82*	
26 05 36 00-1289	EA	18" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,732.79	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-132.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*86.64*	
26 05 36 00-1290	EA	24" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,099.48	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-162.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*104.97*	
26 05 36 00-1291	EA	30" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,316.71	627.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-179.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*115.84*	
26 05 36 00-1292	EA	36" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,579.29	699.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-199.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*128.96*	
26 05 36 00-1293		**12" Rung Tray Fittings** *(26 05 36 00-0744)*		
26 05 36 00-1294		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1293)*		
26 05 36 00-1295	EA	6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	322.70	131.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.14*	
26 05 36 00-1296	EA	9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	355.83	149.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.79*	
26 05 36 00-1297	EA	12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	401.78	165.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.40*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.09*	
26 05 36 00-1298	EA	18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	479.84	202.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.99*	
26 05 36 00-1299	EA	24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	564.06	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.20*	
26 05 36 00-1300	EA	30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	623.19	261.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.16*	
26 05 36 00-1301	EA	36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	725.03	299.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.25*	
26 05 36 00-1302		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1293)*		
26 05 36 00-1303	EA	6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	411.71	136.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.59*	
26 05 36 00-1304	EA	9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	453.64	157.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.68*	
26 05 36 00-1305	EA	12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	492.15	174.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.61*	
26 05 36 00-1306	EA	18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	579.58	216.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.98*	
26 05 36 00-1307	EA	24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	658.45	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.92*	
26 05 36 00-1308	EA	30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	737.46	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.87*	
26 05 36 00-1309	EA	36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	845.63	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.28*	
26 05 36 00-1310		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1293)*		
26 05 36 00-1311	EA	6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	440.38	142.74
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.02*	
26 05 36 00-1312	EA	9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	483.05	165.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1313	EA	12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	539.65	184.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.98*	
26 05 36 00-1314	EA	18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	648.19	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.41*	
26 05 36 00-1315	EA	24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	749.80	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.49*	
26 05 36 00-1316	EA	30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	847.21	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.36*	
26 05 36 00-1317	EA	36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	986.12	369.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.31*	

26 05 36 00-1318 45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1293)*

26 05 36 00-1319	EA	6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	226.98	95.20
		For 30 Degree Bend, Deduct	*-69.32*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.35*	
		For 60 Degree Bend, Deduct	*-38.42*	
26 05 36 00-1320	EA	9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	261.22	114.19
		For 30 Degree Bend, Deduct	*-77.09*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.06*	
		For 60 Degree Bend, Deduct	*-42.45*	
26 05 36 00-1321	EA	12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	291.88	130.96
		For 30 Degree Bend, Deduct	*-84.14*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.27*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.59*	
		For 60 Degree Bend, Deduct	*-46.12*	
26 05 36 00-1322	EA	18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	362.58	165.54
		For 30 Degree Bend, Deduct	*-102.88*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.13*	
		For 60 Degree Bend, Deduct	*-56.21*	
26 05 36 00-1323	EA	24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	445.66	202.72
		For 30 Degree Bend, Deduct	*-126.86*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.28*	
		For 60 Degree Bend, Deduct	*-69.36*	
26 05 36 00-1324	EA	30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	511.48	232.72
		For 30 Degree Bend, Deduct	*-145.55*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.57*	
		For 60 Degree Bend, Deduct	*-79.57*	
26 05 36 00-1325	EA	36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	584.17	273.18
		For 30 Degree Bend, Deduct	*-161.92*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.21*	
		For 60 Degree Bend, Deduct	*-88.05*	

26 05 36 00-1326 45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1293)*

26 05 36 00-1327	EA	6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	255.63	98.22
		For 30 Degree Bend, Deduct	*-83.33*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.78*	
		For 60 Degree Bend, Deduct	*-46.73*	
26 05 36 00-1328	EA	9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	299.87	118.39
		For 30 Degree Bend, Deduct	*-95.86*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.99*	
		For 60 Degree Bend, Deduct	*-53.57*	
26 05 36 00-1329	EA	12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	333.00	136.72
		For 30 Degree Bend, Deduct	*-103.41*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.65*	
		For 60 Degree Bend, Deduct	*-57.49*	
26 05 36 00-1330	EA	18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	404.08	174.57
		For 30 Degree Bend, Deduct	*-120.38*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.20*	
		For 60 Degree Bend, Deduct	*-66.41*	
26 05 36 00-1331	EA	24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	492.82	216.87
		For 30 Degree Bend, Deduct	*-144.57*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.64*	
		For 60 Degree Bend, Deduct	*-79.52*	
26 05 36 00-1332	EA	30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	576.95	251.57
		For 30 Degree Bend, Deduct	*-170.60*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.85*	
		For 60 Degree Bend, Deduct	*-93.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1333	EA	36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	664.72	299.50
		For 30 Degree Bend, Deduct	*-190.91*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.24*	
		For 60 Degree Bend, Deduct	*-104.57*	
26 05 36 00-1334		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1293)*		
26 05 36 00-1335	EA	6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	292.43	101.37
		For 30 Degree Bend, Deduct	*-101.74*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.62*	
		For 60 Degree Bend, Deduct	*-57.66*	
26 05 36 00-1336	EA	9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	331.33	123.10
		For 30 Degree Bend, Deduct	*-110.43*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.57*	
		For 60 Degree Bend, Deduct	*-62.16*	
26 05 36 00-1337	EA	12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	366.93	142.88
		For 30 Degree Bend, Deduct	*-118.47*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.35*	
		For 60 Degree Bend, Deduct	*-66.32*	
26 05 36 00-1338	EA	18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	450.26	184.92
		For 30 Degree Bend, Deduct	*-139.74*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.51*	
		For 60 Degree Bend, Deduct	*-77.68*	
26 05 36 00-1339	EA	24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	561.43	232.72
		For 30 Degree Bend, Deduct	*-173.02*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.07*	
		For 60 Degree Bend, Deduct	*-96.05*	
26 05 36 00-1340	EA	30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	639.38	273.18
		For 30 Degree Bend, Deduct	*-192.29*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.97*	
		For 60 Degree Bend, Deduct	*-106.26*	
26 05 36 00-1341	EA	36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	753.62	330.68
		For 30 Degree Bend, Deduct	*-221.58*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.68*	
		For 60 Degree Bend, Deduct	*-121.92*	
26 05 36 00-1342		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-1293)*		
26 05 36 00-1343	EA	6" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	358.20	130.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.91*	
26 05 36 00-1344	EA	9" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	396.92	149.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.85*	
26 05 36 00-1345	EA	12" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	425.70	165.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.29*	
26 05 36 00-1346	EA	18" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	493.07	202.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.65*	
26 05 36 00-1347	EA	24" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	550.74	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.54*	
26 05 36 00-1348	EA	30" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	606.99	261.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.35*	
26 05 36 00-1349	EA	36" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	673.88	298.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.69*	
26 05 36 00-1350		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-1293)*		
26 05 36 00-1351	EA	6" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	379.06	136.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.95*	
26 05 36 00-1352	EA	9" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	419.66	157.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.98*	
26 05 36 00-1353	EA	12" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	452.59	174.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.63*	
26 05 36 00-1354	EA	18" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	531.83	216.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.59*	
26 05 36 00-1355	EA	24" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	599.85	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1356	EA	30" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	666.69	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.33*	
26 05 36 00-1357	EA	36" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	754.72	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.74*	
26 05 36 00-1358		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-1293)*		
26 05 36 00-1359	EA	6" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	472.01	142.74
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.60*	
26 05 36 00-1360	EA	9" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	514.75	165.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.74*	
26 05 36 00-1361	EA	12" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	562.71	184.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.14*	
26 05 36 00-1362	EA	18" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	652.51	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.63*	
26 05 36 00-1363	EA	24" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	730.13	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.51*	
26 05 36 00-1364	EA	30" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	818.97	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.95*	
26 05 36 00-1365	EA	36" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	923.27	369.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.16*	
26 05 36 00-1366		**12" Radius Horizontal Tees** *(26 05 36 00-1293)*		
26 05 36 00-1367	EA	6" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	574.41	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.72*	
26 05 36 00-1368	EA	9" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	620.73	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.04*	
26 05 36 00-1369	EA	12" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	643.79	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.19*	
26 05 36 00-1370	EA	18" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	724.83	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.24*	
26 05 36 00-1371	EA	24" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	802.88	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.14*	
26 05 36 00-1372	EA	30" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	873.54	369.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.68*	
26 05 36 00-1373	EA	36" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,005.94	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.30*	
26 05 36 00-1374		**24" Radius Horizontal Tees** *(26 05 36 00-1293)*		
26 05 36 00-1375	EA	6" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	719.95	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.00*	
26 05 36 00-1376	EA	9" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	778.96	299.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.95*	
26 05 36 00-1377	EA	12" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	811.34	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.57*	
26 05 36 00-1378	EA	18" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	894.47	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.72*	
26 05 36 00-1379	EA	24" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	995.73	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.79*	
26 05 36 00-1380	EA	30" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,072.09	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.60*	
26 05 36 00-1381	EA	36" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,378.86	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*68.94*	
26 05 36 00-1382		**36" Radius Horizontal Tees** *(26 05 36 00-1293)*		
26 05 36 00-1383	EA	6" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	873.09	299.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1384	EA	9" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	935.36	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.77*	
26 05 36 00-1385	EA	12" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,001.33	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.07*	
26 05 36 00-1386	EA	18" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,097.50	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.88*	
26 05 36 00-1387	EA	24" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,235.98	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.80*	
26 05 36 00-1388	EA	30" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,424.66	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-102.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*71.23*	
26 05 36 00-1389	EA	36" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,638.69	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-116.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*81.93*	
26 05 36 00-1390		**12" Radius Vertical Tees** *(26 05 36 00-1293)*		
26 05 36 00-1391	EA	6" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	736.47	232.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.82*	
26 05 36 00-1392	EA	9" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	761.94	241.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.10*	
26 05 36 00-1393	EA	12" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	780.49	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.02*	
26 05 36 00-1394	EA	18" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	824.26	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.21*	
26 05 36 00-1395	EA	24" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	875.32	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.77*	
26 05 36 00-1396	EA	30" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	930.92	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.55*	
26 05 36 00-1397	EA	36" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,001.33	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.07*	
26 05 36 00-1398		**24" Radius Vertical Tees** *(26 05 36 00-1293)*		
26 05 36 00-1399	EA	6" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,009.47	251.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.47*	
26 05 36 00-1400	EA	9" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,034.43	261.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.72*	
26 05 36 00-1401	EA	12" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,060.88	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.04*	
26 05 36 00-1402	EA	18" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,122.43	299.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.12*	
26 05 36 00-1403	EA	24" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,162.44	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.12*	
26 05 36 00-1404	EA	30" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,235.40	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.77*	
26 05 36 00-1405	EA	36" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,367.19	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-103.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*68.36*	
26 05 36 00-1406		**36" Radius Vertical Tees** *(26 05 36 00-1293)*		
26 05 36 00-1407	EA	6" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,578.25	273.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-135.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*78.91*	
26 05 36 00-1408	EA	9" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,613.35	285.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-137.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*80.67*	
26 05 36 00-1409	EA	12" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,651.15	299.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-140.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*82.56*	
26 05 36 00-1410	EA	18" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,717.84	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-144.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*85.89*	
26 05 36 00-1411	EA	24" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,762.77	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-147.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*88.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1412	EA	30" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,879.77	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-155.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*93.99*	
26 05 36 00-1413	EA	36" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,987.04	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-161.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*99.35*	
26 05 36 00-1414		**12" Radius Horizontal Crosses** *(26 05 36 00-1293)*		
26 05 36 00-1415	EA	6" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	740.10	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.01*	
26 05 36 00-1416	EA	9" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	790.34	330.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.52*	
26 05 36 00-1417	EA	12" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	823.23	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.16*	
26 05 36 00-1418	EA	18" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	909.16	369.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.46*	
26 05 36 00-1419	EA	24" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,000.85	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.04*	
26 05 36 00-1420	EA	30" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,103.68	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.18*	
26 05 36 00-1421	EA	36" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,251.65	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*62.58*	
26 05 36 00-1422		**24" Radius Horizontal Crosses** *(26 05 36 00-1293)*		
26 05 36 00-1423	EA	6" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	996.24	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.81*	
26 05 36 00-1424	EA	9" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,044.00	369.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.20*	
26 05 36 00-1425	EA	12" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,094.95	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.75*	
26 05 36 00-1426	EA	18" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,161.14	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.06*	
26 05 36 00-1427	EA	24" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,310.17	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*65.51*	
26 05 36 00-1428	EA	30" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,412.45	523.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*70.62*	
26 05 36 00-1429	EA	36" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,559.82	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-108.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*77.99*	
26 05 36 00-1430		**36" Radius Horizontal Crosses** *(26 05 36 00-1293)*		
26 05 36 00-1431	EA	6" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,143.29	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.16*	
26 05 36 00-1432	EA	9" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,206.94	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*60.35*	
26 05 36 00-1433	EA	12" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,286.87	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.34*	
26 05 36 00-1434	EA	18" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,381.41	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*69.07*	
26 05 36 00-1435	EA	24" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,664.14	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-118.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*83.21*	
26 05 36 00-1436	EA	30" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,834.72	627.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-131.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*91.74*	
26 05 36 00-1437	EA	36" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,042.88	699.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-146.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*102.14*	
26 05 36 00-1438		**12" Radius Vertical Crosses** *(26 05 36 00-1293)*		
26 05 36 00-1439	EA	6" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	740.10	314.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1440	EA	9" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	790.53	330.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.53*	
26 05 36 00-1441	EA	12" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	823.13	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.16*	
26 05 36 00-1442	EA	18" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	909.39	370.10
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.47*	
26 05 36 00-1443	EA	24" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,000.85	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.04*	
26 05 36 00-1444	EA	30" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,104.02	448.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.20*	
26 05 36 00-1445	EA	36" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,250.66	483.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*62.53*	
26 05 36 00-1446		**24" Radius Vertical Crosses** *(26 05 36 00-1293)*		
26 05 36 00-1447	EA	6" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	996.24	348.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.81*	
26 05 36 00-1448	EA	9" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,044.00	369.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.20*	
26 05 36 00-1449	EA	12" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,094.95	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.75*	
26 05 36 00-1450	EA	18" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,161.14	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.06*	
26 05 36 00-1451	EA	24" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,310.17	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*65.51*	
26 05 36 00-1452	EA	30" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,412.45	523.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*70.62*	
26 05 36 00-1453	EA	36" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,559.82	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-108.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*77.99*	
26 05 36 00-1454		**36" Radius Vertical Crosses** *(26 05 36 00-1293)*		
26 05 36 00-1455	EA	6" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,363.12	392.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-103.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*68.16*	
26 05 36 00-1456	EA	9" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,435.92	418.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-108.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*71.80*	
26 05 36 00-1457	EA	12" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,529.59	448.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-115.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*76.48*	
26 05 36 00-1458	EA	18" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,640.16	483.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-123.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*82.01*	
26 05 36 00-1459	EA	24" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,984.71	570.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-150.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*99.24*	
26 05 36 00-1460	EA	30" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,189.64	627.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-166.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*109.48*	
26 05 36 00-1461	EA	36" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,437.87	699.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-185.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*121.89*	
26 05 36 00-1462		**Dropout Or End Plates And Reducers** *(26 05 36 00-0744)*		
26 05 36 00-1463		**Straight Reducers** *(26 05 36 00-1462)*		
26 05 36 00-1464	EA	9" To 6" Reducer, Aluminum Cable Tray	288.33	96.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.42*	
26 05 36 00-1465	EA	12" To 9" Reducer, Aluminum Cable Tray	304.47	104.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.22*	
26 05 36 00-1466	EA	18" To 12" Reducer, Aluminum Cable Tray	334.22	120.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.71*	
26 05 36 00-1467	EA	24" To 18" Reducer, Aluminum Cable Tray	368.55	139.74
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1468	EA	30" To 24" Reducer, Aluminum Cable Tray	400.44	157.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.02*	
26 05 36 00-1469	EA	36" To 30" Reducer, Aluminum Cable Tray	446.27	179.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.31*	
26 05 36 00-1470		**Reducers** *(26 05 36 00-1462)*		
26 05 36 00-1471	EA	18" To 6" Reducer, Aluminum Cable Tray	334.35	120.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.72*	
26 05 36 00-1472	EA	24" To 12" Reducer, Aluminum Cable Tray	368.88	139.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.44*	
26 05 36 00-1473	EA	30" To 12" Reducer, Aluminum Cable Tray	400.24	157.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.01*	
26 05 36 00-1474	EA	30" To 18" Reducer, Aluminum Cable Tray	402.86	156.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.14*	
26 05 36 00-1475	EA	36" To 12" Reducer, Aluminum Cable Tray	443.44	179.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.17*	
26 05 36 00-1476	EA	36" To 18" Reducer, Aluminum Cable Tray	454.13	184.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.71*	
26 05 36 00-1477	EA	36" To 24" Reducer, Aluminum Cable Tray	469.59	190.16
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.48*	
26 05 36 00-1478		**Dropout Or End Plate** *(26 05 36 00-1462)*		
26 05 36 00-1479	EA	6" Dropout Or End Plate, Aluminum Cable Tray	82.30	39.29
26 05 36 00-1480	EA	9" Dropout Or End Plate, Aluminum Cable Tray	92.73	44.92
26 05 36 00-1481	EA	12" Dropout Or End Plate, Aluminum Cable Tray	100.05	48.33
26 05 36 00-1482	EA	18" Dropout Or End Plate, Aluminum Cable Tray	121.35	57.10
26 05 36 00-1483	EA	24" Dropout Or End Plate, Aluminum Cable Tray	135.43	62.86
26 05 36 00-1484	EA	30" Dropout Or End Plate, Aluminum Cable Tray	152.90	69.80
26 05 36 00-1485	EA	36" Dropout Or End Plate, Aluminum Cable Tray	171.53	78.58
26 05 36 00-1486		**Solid Bottom Cable Tray** *(26 05 36 00-0001)* Note: 3-5/8" Height.		
26 05 36 00-1487		**Solid Bottom Galvanized Steel Straight Tray Sections** *(26 05 36 00-1486)*		
26 05 36 00-1488	LF	6" Solid Bottom Steel Cable Tray, Straight Section	33.91	10.21
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*3.37*	
26 05 36 00-1489	LF	12" Solid Bottom Steel Cable Tray, Straight Section	42.25	12.58
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*4.25*	
26 05 36 00-1490	LF	18" Solid Bottom Steel Cable Tray, Straight Section	56.31	18.08
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*5.43*	
26 05 36 00-1491	LF	24" Solid Bottom Steel Cable Tray, Straight Section	65.16	20.69
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*6.32*	
26 05 36 00-1492	LF	30" Solid Bottom Steel Cable Tray, Straight Section	78.09	25.01
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*7.54*	
26 05 36 00-1493	LF	36" Solid Bottom Steel Cable Tray, Straight Section	99.83	28.68
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*10.20*	
26 05 36 00-1494		**Solid Bottom Galvanized Steel Cable Tray Fittings** *(26 05 36 00-1486)*		
26 05 36 00-1495		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1494)*		
26 05 36 00-1496	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	345.43	131.09
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*29.97*	
26 05 36 00-1497	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	449.67	184.40
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*36.71*	
26 05 36 00-1498	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	550.48	232.72
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*43.78*	
26 05 36 00-1499	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	674.71	285.88
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*53.55*	
26 05 36 00-1500	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	788.35	331.33
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*63.04*	
26 05 36 00-1501	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	885.83	369.97
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*71.22*	
26 05 36 00-1502		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1494)*		
26 05 36 00-1503	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	407.88	136.46
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*38.43*	
26 05 36 00-1504	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	538.57	196.57
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*48.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1505	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	663.07	251.57
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*57.54*	
26 05 36 00-1506	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	808.35	314.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*68.87*	
26 05 36 00-1507	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	948.19	369.31
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*80.69*	
26 05 36 00-1508	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	1,071.50	418.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*90.92*	
26 05 36 00-1509		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1494)*		
26 05 36 00-1510	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	501.78	142.61
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*51.51*	
26 05 36 00-1511	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	647.00	209.93
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*62.07*	
26 05 36 00-1512	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	819.24	273.58
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*77.29*	
26 05 36 00-1513	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	975.26	348.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*88.14*	
26 05 36 00-1514	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	1,170.57	418.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*105.78*	
26 05 36 00-1515	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	1,335.34	482.59
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*119.86*	
26 05 36 00-1516		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1494)*		
26 05 36 00-1517	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	313.82	131.09
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*25.22*	
26 05 36 00-1518	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	414.11	184.40
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*31.37*	
26 05 36 00-1519	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	509.38	232.46
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*37.66*	
26 05 36 00-1520	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	624.47	285.49
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*46.08*	
26 05 36 00-1521	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	729.29	331.33
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*54.18*	
26 05 36 00-1522	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	817.37	369.31
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*61.06*	
26 05 36 00-1523		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1494)*		
26 05 36 00-1524	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	362.95	136.59
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*31.67*	
26 05 36 00-1525	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	485.53	196.44
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*40.09*	
26 05 36 00-1526	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	602.65	251.84
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*48.42*	
26 05 36 00-1527	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	737.22	314.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*58.20*	
26 05 36 00-1528	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	866.15	369.97
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*68.27*	
26 05 36 00-1529	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	978.15	418.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*76.91*	
26 05 36 00-1530		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1494)*		
26 05 36 00-1531	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	436.08	142.74
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*41.62*	
26 05 36 00-1532	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	540.15	190.29
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*49.30*	
26 05 36 00-1533	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	728.43	273.58
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*63.67*	
26 05 36 00-1534	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	877.86	349.54
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*73.42*	
26 05 36 00-1535	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	1,052.45	418.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*88.06*	
26 05 36 00-1536	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	1,204.59	483.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*100.05*	
26 05 36 00-1537		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-1494)*		
26 05 36 00-1538	EA	6" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	372.79	130.70
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*34.13*	
26 05 36 00-1539	EA	12" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	469.99	184.40
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*39.76*	
26 05 36 00-1540	EA	18" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	553.02	232.72
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*44.16*	
26 05 36 00-1541	EA	24" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	669.63	285.88
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*52.79*	
26 05 36 00-1542	EA	30" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	757.87	331.33
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*58.47*	
26 05 36 00-1543	EA	36" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	828.80	369.31
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*62.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1544		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-1494)*		
26 05 36 00-1545	EA	6" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	445.98	136.46
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*44.15*	
26 05 36 00-1546	EA	12" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	566.51	196.57
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*52.20*	
26 05 36 00-1547	EA	18" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	678.31	251.57
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*59.83*	
26 05 36 00-1548	EA	24" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	805.80	314.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*68.49*	
26 05 36 00-1549	EA	30" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	912.63	369.31
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*75.35*	
26 05 36 00-1550	EA	36" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	1,023.24	418.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*83.68*	
26 05 36 00-1551		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-1494)*		
26 05 36 00-1552	EA	6" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	534.81	142.61
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*56.46*	
26 05 36 00-1553	EA	12" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	650.63	190.68
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*65.81*	
26 05 36 00-1554	EA	18" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	819.24	273.58
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*77.29*	
26 05 36 00-1555	EA	24" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	980.35	348.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*88.90*	
26 05 36 00-1556	EA	30" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	1,132.47	418.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*100.06*	
26 05 36 00-1557	EA	36" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	1,276.91	482.59
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*111.09*	
26 05 36 00-1558		**12" Radius Horizontal Tees** *(26 05 36 00-1494)*		
26 05 36 00-1559	EA	6" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	597.03	251.57
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*47.63*	
26 05 36 00-1560	EA	12" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	716.07	313.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*55.11*	
26 05 36 00-1561	EA	18" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	845.19	369.97
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*65.12*	
26 05 36 00-1562	EA	24" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	1,005.76	449.46
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*75.94*	
26 05 36 00-1563	EA	30" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	1,098.54	483.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*84.14*	
26 05 36 00-1564	EA	36" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	1,287.06	570.99
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*97.88*	
26 05 36 00-1565		**24" Radius Horizontal Tees** *(26 05 36 00-1494)*		
26 05 36 00-1566	EA	6" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	732.23	273.18
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*64.30*	
26 05 36 00-1567	EA	12" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	904.14	348.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*77.47*	
26 05 36 00-1568	EA	18" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,056.26	418.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*88.63*	
26 05 36 00-1569	EA	24" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,358.25	523.84
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*116.43*	
26 05 36 00-1570	EA	30" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,480.12	570.99
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*126.84*	
26 05 36 00-1571	EA	36" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,736.67	699.07
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*143.99*	
26 05 36 00-1572		**36" Radius Horizontal Tees** *(26 05 36 00-1494)*		
26 05 36 00-1573	EA	6" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	933.47	299.50
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*90.11*	
26 05 36 00-1574	EA	12" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,139.98	392.88
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*105.52*	
26 05 36 00-1575	EA	18" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,334.78	483.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*119.58*	
26 05 36 00-1576	EA	24" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,629.99	570.99
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*149.32*	
26 05 36 00-1577	EA	30" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,786.04	629.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*162.97*	
26 05 36 00-1578	EA	36" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	2,071.68	785.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*179.79*	
26 05 36 00-1579		**12" Radius Vertical Tees** *(26 05 36 00-1494)*		
26 05 36 00-1580	EA	6" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	711.34	251.57
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*64.78*	
26 05 36 00-1581	EA	12" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	828.67	314.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*71.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1582	EA	18" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	891.44	348.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*75.56*	
26 05 36 00-1583	EA	24" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	955.81	369.31
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*81.83*	
26 05 36 00-1584	EA	30" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	1,061.34	418.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*89.39*	
26 05 36 00-1585	EA	36" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	1,182.36	483.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*96.71*	
26 05 36 00-1586		**24" Radius Vertical Tees** *(26 05 36 00-1494)*		
26 05 36 00-1587	EA	6" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	887.19	273.18
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*87.54*	
26 05 36 00-1588	EA	12" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,033.69	348.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*96.90*	
26 05 36 00-1589	EA	18" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,129.82	392.88
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*103.99*	
26 05 36 00-1590	EA	24" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,195.97	418.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*109.59*	
26 05 36 00-1591	EA	30" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,352.56	483.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*122.24*	
26 05 36 00-1592	EA	36" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,523.30	570.99
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*133.32*	
26 05 36 00-1593		**36" Radius Vertical Tees** *(26 05 36 00-1494)*		
26 05 36 00-1594	EA	6" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,171.49	298.98
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*125.89*	
26 05 36 00-1595	EA	12" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,340.66	392.88
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*135.62*	
26 05 36 00-1596	EA	18" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,484.16	448.54
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*147.88*	
26 05 36 00-1597	EA	24" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,568.48	483.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*154.63*	
26 05 36 00-1598	EA	30" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,840.83	570.99
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*180.95*	
26 05 36 00-1599	EA	36" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,985.89	627.56
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*193.28*	
26 05 36 00-1600		**12" Radius Horizontal Crosses** *(26 05 36 00-1494)*		
26 05 36 00-1601	EA	6" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	737.22	314.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*58.20*	
26 05 36 00-1602	EA	12" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	847.73	369.97
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*65.50*	
26 05 36 00-1603	EA	18" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	1,019.29	448.54
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*78.14*	
26 05 36 00-1604	EA	24" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	1,177.90	523.84
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*89.38*	
26 05 36 00-1605	EA	30" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	1,386.40	627.56
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*103.36*	
26 05 36 00-1606	EA	36" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	1,538.53	699.07
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*114.27*	
26 05 36 00-1607		**24" Radius Horizontal Crosses** *(26 05 36 00-1494)*		
26 05 36 00-1608	EA	6" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	971.21	349.54
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*87.43*	
26 05 36 00-1609	EA	12" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	1,132.47	418.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*100.06*	
26 05 36 00-1610	EA	18" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	1,358.25	523.84
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*116.43*	
26 05 36 00-1611	EA	24" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	1,671.73	629.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*145.82*	
26 05 36 00-1612	EA	30" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	1,838.28	699.07
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*159.23*	
26 05 36 00-1613	EA	36" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	2,020.87	785.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*172.17*	
26 05 36 00-1614		**36" Radius Horizontal Crosses** *(26 05 36 00-1494)*		
26 05 36 00-1615	EA	6" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	1,289.86	392.88
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*128.00*	
26 05 36 00-1616	EA	12" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	1,504.97	483.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*145.10*	
26 05 36 00-1617	EA	18" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	1,811.44	629.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*166.78*	
26 05 36 00-1618	EA	24" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	2,066.90	699.07
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*193.52*	
26 05 36 00-1619	EA	30" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	2,287.60	785.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*212.18*	
26 05 36 00-1620	EA	36" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	2,536.47	896.95
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*230.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1621		**Straight Reducers** *(26 05 36 00-1494)*		
26 05 36 00-1622	EA	12" To 6" Reducer, Solid Bottom, Steel Cable Tray	299.09	104.76
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*27.40*	
26 05 36 00-1623	EA	18" To 12" Reducer, Solid Bottom, Steel Cable Tray	324.35	118.39
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*28.92*	
26 05 36 00-1624	EA	24" To 18" Reducer, Solid Bottom, Steel Cable Tray	359.46	136.46
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*31.18*	
26 05 36 00-1625	EA	30" To 24" Reducer, Solid Bottom, Steel Cable Tray	404.17	157.15
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*34.43*	
26 05 36 00-1626	EA	36" To 30" Reducer, Solid Bottom, Steel Cable Tray	437.83	174.31
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*36.62*	
26 05 36 00-1627		**Reducers** *(26 05 36 00-1494)*		
26 05 36 00-1628	EA	18" To 6" Reducer, Solid Bottom, Steel Cable Tray	324.47	118.52
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*28.92*	
26 05 36 00-1629	EA	24" To 12" Reducer, Solid Bottom, Steel Cable Tray	357.39	136.72
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.82*	
26 05 36 00-1630	EA	30" To 12" Reducer, Solid Bottom, Steel Cable Tray	398.89	157.02
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.66*	
26 05 36 00-1631	EA	30" To 18" Reducer, Solid Bottom, Steel Cable Tray	401.22	156.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*34.03*	
26 05 36 00-1632	EA	36" To 12" Reducer, Solid Bottom, Steel Cable Tray	435.29	174.31
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*36.24*	
26 05 36 00-1633	EA	36" To 18" Reducer, Solid Bottom, Steel Cable Tray	437.83	174.31
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*36.62*	
26 05 36 00-1634	EA	36" To 24" Reducer, Solid Bottom, Steel Cable Tray	440.90	174.57
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*37.03*	
26 05 36 00-1635		**Dropout Or End Plate** *(26 05 36 00-1494)*		
26 05 36 00-1636	EA	6" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	91.39	39.29
26 05 36 00-1637	EA	12" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	112.15	47.93
26 05 36 00-1638	EA	18" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	129.36	56.84
26 05 36 00-1639	EA	24" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	145.53	62.86
26 05 36 00-1640	EA	30" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	162.03	69.80
26 05 36 00-1641	EA	36" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	179.86	78.58
26 05 36 00-1642		**Solid Bottom Aluminum Straight Cable Tray Sections** *(26 05 36 00-1486)*		
26 05 36 00-1643	LF	6" Solid Bottom Aluminum Cable Tray, Straight Section	30.05	8.25
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*3.13*	
26 05 36 00-1644	LF	12" Solid Bottom Aluminum Cable Tray, Straight Section	37.44	9.69
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*4.01*	
26 05 36 00-1645	LF	18" Solid Bottom Aluminum Cable Tray, Straight Section	47.85	12.58
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*5.07*	
26 05 36 00-1646	LF	24" Solid Bottom Aluminum Cable Tray, Straight Section	56.89	13.88
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*6.23*	
26 05 36 00-1647	LF	30" Solid Bottom Aluminum Cable Tray, Straight Section	69.76	17.94
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*7.48*	
26 05 36 00-1648	LF	36" Solid Bottom Steel Aluminum Tray, Straight Section	82.92	19.64
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*9.16*	
26 05 36 00-1649		**Solid Bottom Aluminum Cable Tray Fittings** *(26 05 36 00-1486)*		
26 05 36 00-1650		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1649)*		
26 05 36 00-1651	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	349.32	131.09
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.56*	
26 05 36 00-1652	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	422.38	165.01
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*35.85*	
26 05 36 00-1653	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	487.98	184.79
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*42.40*	
26 05 36 00-1654	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	568.34	217.00
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*49.07*	
26 05 36 00-1655	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	671.32	251.84
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*58.72*	
26 05 36 00-1656	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	758.82	285.88
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*66.17*	
26 05 36 00-1657		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1649)*		
26 05 36 00-1658	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	413.64	136.46
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*39.29*	
26 05 36 00-1659	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	512.18	174.83
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*47.70*	
26 05 36 00-1660	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	578.97	196.44
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*54.11*	
26 05 36 00-1661	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	698.79	232.72
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*66.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1662	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	810.60	272.79
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*76.12*	
26 05 36 00-1663	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	932.89	314.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*87.55*	
26 05 36 00-1664		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1649)*		
26 05 36 00-1665	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	513.71	142.61
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*53.30*	
26 05 36 00-1666	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	639.91	185.18
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*65.13*	
26 05 36 00-1667	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	742.48	209.93
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*76.39*	
26 05 36 00-1668	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	840.01	251.18
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*84.13*	
26 05 36 00-1669	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	975.64	299.50
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*96.44*	
26 05 36 00-1670	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,138.86	348.35
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*112.78*	
26 05 36 00-1671		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1649)*		
26 05 36 00-1672	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	320.66	131.09
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*26.24*	
26 05 36 00-1673	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	389.98	165.01
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.99*	
26 05 36 00-1674	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	448.10	184.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*36.44*	
26 05 36 00-1675	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	522.10	216.61
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*42.22*	
26 05 36 00-1676	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	615.97	251.84
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*50.42*	
26 05 36 00-1677	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	695.33	285.10
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*56.78*	
26 05 36 00-1678		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1649)*		
26 05 36 00-1679	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	372.85	136.59
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.16*	
26 05 36 00-1680	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	463.32	174.57
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*40.40*	
26 05 36 00-1681	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	524.28	196.83
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*45.84*	
26 05 36 00-1682	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	630.40	232.72
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*55.77*	
26 05 36 00-1683	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	733.57	273.58
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*64.44*	
26 05 36 00-1684	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	842.90	314.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*74.05*	
26 05 36 00-1685		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1649)*		
26 05 36 00-1686	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	453.31	142.74
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*44.20*	
26 05 36 00-1687	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	566.44	184.79
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*54.17*	
26 05 36 00-1688	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	656.09	209.93
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*63.43*	
26 05 36 00-1689	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	748.38	251.84
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*70.28*	
26 05 36 00-1690	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	870.80	299.50
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*80.71*	
26 05 36 00-1691	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,018.08	349.54
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*94.46*	
26 05 36 00-1692		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-1649)*		
26 05 36 00-1693	EA	6" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	373.28	130.70
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*34.21*	
26 05 36 00-1694	EA	12" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	436.70	165.01
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*37.99*	
26 05 36 00-1695	EA	18" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	490.03	184.79
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*42.70*	
26 05 36 00-1696	EA	24" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	554.03	217.00
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*46.93*	
26 05 36 00-1697	EA	30" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	624.28	251.84
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*51.67*	
26 05 36 00-1698	EA	36" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	685.84	285.10
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*55.36*	
26 05 36 00-1699		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-1649)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1700	EA	6" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	448.41	136.46
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*44.51*	
26 05 36 00-1701	EA	12" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	530.59	174.83
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*50.46*	
26 05 36 00-1702	EA	18" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	585.10	196.44
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*55.03*	
26 05 36 00-1703	EA	24" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	668.11	232.72
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*61.43*	
26 05 36 00-1704	EA	30" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	751.28	272.79
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*67.22*	
26 05 36 00-1705	EA	36" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	851.08	314.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*75.28*	

26 05 36 00-1706 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-1649)*

26 05 36 00-1707	EA	6" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	528.03	142.61
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*55.44*	
26 05 36 00-1708	EA	12" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	635.82	185.18
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*64.52*	
26 05 36 00-1709	EA	18" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	705.67	209.93
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*70.87*	
26 05 36 00-1710	EA	24" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	788.87	251.18
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*76.46*	
26 05 36 00-1711	EA	30" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	908.14	299.50
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*86.31*	
26 05 36 00-1712	EA	36" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,005.92	348.35
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*92.84*	

26 05 36 00-1713 12" Radius Horizontal Tees *(26 05 36 00-1649)*

26 05 36 00-1714	EA	6" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	621.69	251.57
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*51.33*	
26 05 36 00-1715	EA	12" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	720.61	285.10
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*60.57*	
26 05 36 00-1716	EA	18" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	799.95	314.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*67.61*	
26 05 36 00-1717	EA	24" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	891.40	349.54
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*75.45*	
26 05 36 00-1718	EA	30" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	1,053.97	418.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*88.29*	
26 05 36 00-1719	EA	36" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	1,282.12	523.84
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*105.01*	

26 05 36 00-1720 24" Radius Horizontal Tees *(26 05 36 00-1649)*

26 05 36 00-1721	EA	6" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	788.73	273.18
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*72.77*	
26 05 36 00-1722	EA	12" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	900.17	314.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*82.64*	
26 05 36 00-1723	EA	18" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,006.95	348.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*92.89*	
26 05 36 00-1724	EA	24" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,219.63	418.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*113.14*	
26 05 36 00-1725	EA	30" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,466.20	523.84
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*132.62*	
26 05 36 00-1726	EA	36" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,619.23	572.69
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*147.43*	

26 05 36 00-1727 36" Radius Horizontal Tees *(26 05 36 00-1649)*

26 05 36 00-1728	EA	6" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,041.09	299.50
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*106.25*	
26 05 36 00-1729	EA	12" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,174.66	348.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*118.05*	
26 05 36 00-1730	EA	18" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,339.97	392.88
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*135.52*	
26 05 36 00-1731	EA	24" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,602.09	482.59
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*159.87*	
26 05 36 00-1732	EA	30" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,928.84	629.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*184.39*	
26 05 36 00-1733	EA	36" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	2,146.85	699.07
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*205.52*	

26 05 36 00-1734 12" Radius Vertical Tees *(26 05 36 00-1649)*

26 05 36 00-1735	EA	6" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	707.59	251.57
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*64.22*	
26 05 36 00-1736	EA	12" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	770.39	285.49
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*67.97*	
26 05 36 00-1737	EA	18" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	805.12	298.98
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*70.94*	
26 05 36 00-1738	EA	24" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	850.25	313.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*75.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1739	EA	30" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	937.41	348.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*82.46*	
26 05 36 00-1740	EA	36" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	1,074.42	418.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*91.35*	
26 05 36 00-1741		**24" Radius Vertical Tees** *(26 05 36 00-1649)*		
26 05 36 00-1742	EA	6" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	880.77	273.18
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*86.58*	
26 05 36 00-1743	EA	12" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	973.80	314.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*93.69*	
26 05 36 00-1744	EA	18" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,031.82	330.68
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*99.66*	
26 05 36 00-1745	EA	24" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,103.07	348.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*107.31*	
26 05 36 00-1746	EA	30" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,227.48	392.88
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*118.64*	
26 05 36 00-1747	EA	36" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,407.78	482.59
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*130.72*	
26 05 36 00-1748		**36" Radius Vertical Tees** *(26 05 36 00-1649)*		
26 05 36 00-1749	EA	6" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,163.04	298.98
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*124.62*	
26 05 36 00-1750	EA	12" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,269.78	344.69
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*133.03*	
26 05 36 00-1751	EA	18" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,351.72	369.31
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*141.22*	
26 05 36 00-1752	EA	24" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,411.55	392.88
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*146.25*	
26 05 36 00-1753	EA	30" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,565.60	448.54
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*160.09*	
26 05 36 00-1754	EA	36" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,041.74	570.99
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*61.09*	
26 05 36 00-1755		**12" Radius Horizontal Crosses** *(26 05 36 00-1649)*		
26 05 36 00-1756	EA	6" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	733.57	285.49
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*62.45*	
26 05 36 00-1757	EA	12" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	814.27	314.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*69.76*	
26 05 36 00-1758	EA	18" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	946.75	369.31
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*80.47*	
26 05 36 00-1759	EA	24" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	1,123.82	448.54
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*93.82*	
26 05 36 00-1760	EA	30" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	1,229.85	482.59
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*104.03*	
26 05 36 00-1761	EA	36" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	1,424.93	572.69
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*118.29*	
26 05 36 00-1762		**24" Radius Horizontal Crosses** *(26 05 36 00-1649)*		
26 05 36 00-1763	EA	6" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	974.64	314.82
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*93.73*	
26 05 36 00-1764	EA	12" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,103.07	348.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*107.31*	
26 05 36 00-1765	EA	18" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,264.63	418.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*119.89*	
26 05 36 00-1766	EA	24" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,560.57	525.28
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*146.55*	
26 05 36 00-1767	EA	30" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,711.27	572.69
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*161.24*	
26 05 36 00-1768	EA	36" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,952.55	699.07
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*176.37*	
26 05 36 00-1769		**36" Radius Horizontal Crosses** *(26 05 36 00-1649)*		
26 05 36 00-1770	EA	6" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,348.51	348.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*144.12*	
26 05 36 00-1771	EA	12" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,483.13	392.88
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*156.99*	
26 05 36 00-1772	EA	18" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,726.78	483.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*178.38*	
26 05 36 00-1773	EA	24" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	2,051.55	629.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*202.80*	
26 05 36 00-1774	EA	30" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	2,249.11	699.07
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*220.85*	
26 05 36 00-1775	EA	36" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	2,577.68	785.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*255.69*	
26 05 36 00-1776		**Straight Reducers** *(26 05 36 00-1649)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1777	EA	12" To 6" Reducer, Solid Bottom, Aluminum Cable Tray	276.59	89.84
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*26.51*	
26 05 36 00-1778	EA	18" To 12" Reducer, Solid Bottom, Aluminum Cable Tray	305.24	104.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*28.35*	
26 05 36 00-1779	EA	24" To 18" Reducer, Solid Bottom, Aluminum Cable Tray	336.42	118.39
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.73*	
26 05 36 00-1780	EA	30" To 24" Reducer, Solid Bottom, Aluminum Cable Tray	379.03	136.59
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*34.09*	
26 05 36 00-1781	EA	36" To 30" Reducer, Solid Bottom, Aluminum Cable Tray	421.04	156.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*37.01*	

26 05 36 00-1782 Reducers *(26 05 36 00-1649)*

26 05 36 00-1783	EA	18" To 6" Reducer, Solid Bottom, Aluminum Cable Tray	303.28	104.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*28.05*	
26 05 36 00-1784	EA	24" To 12" Reducer, Solid Bottom, Aluminum Cable Tray	334.73	118.65
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.44*	
26 05 36 00-1785	EA	30" To 12" Reducer, Solid Bottom, Aluminum Cable Tray	374.78	136.46
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.47*	
26 05 36 00-1786	EA	30" To 18" Reducer, Solid Bottom, Aluminum Cable Tray	376.67	136.46
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.76*	
26 05 36 00-1787	EA	36" To 12" Reducer, Solid Bottom, Aluminum Cable Tray	421.04	156.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*37.01*	
26 05 36 00-1788	EA	36" To 18" Reducer, Solid Bottom, Aluminum Cable Tray	423.09	156.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*37.31*	
26 05 36 00-1789	EA	36" To 24" Reducer, Solid Bottom, Aluminum Cable Tray	427.59	157.15
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*37.95*	

26 05 36 00-1790 Dropout Or End Plate *(26 05 36 00-1649)*

26 05 36 00-1791	EA	6" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	91.35	39.29
26 05 36 00-1792	EA	12" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	109.14	47.93
26 05 36 00-1793	EA	18" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	129.78	56.84
26 05 36 00-1794	EA	24" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	143.31	62.86
26 05 36 00-1795	EA	30" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	161.31	69.80
26 05 36 00-1796	EA	36" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	183.11	78.58

26 05 36 00-1797 Vented Bottom Cable Tray *(26 05 36 00-0001)*

Note: 6" Height.

26 05 36 00-1798 Vented Bottom Galvanized Steel Cable Tray *(26 05 36 00-1797)*

26 05 36 00-1799	LF	6" Vented Bottom Steel Cable Tray, Straight Section	43.60	13.75
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-3.21*	
26 05 36 00-1800	LF	12" Vented Bottom Steel Cable Tray, Straight Section	51.31	15.71
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-3.82*	
26 05 36 00-1801	LF	18" Vented Bottom Steel Cable Tray, Straight Section	60.43	18.08
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-4.54*	
26 05 36 00-1802	LF	24" Vented Bottom Steel Cable Tray, Straight Section	69.34	20.69
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-5.21*	
26 05 36 00-1803	LF	30" Vented Bottom Steel Cable Tray, Straight Section	91.63	25.01
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-7.08*	
26 05 36 00-1804	LF	36" Vented Bottom Steel Cable Tray, Straight Section	108.30	31.43
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-8.21*	

26 05 36 00-1805 Vented Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-1797)*

26 05 36 00-1806 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1805)*

26 05 36 00-1807	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	402.87	165.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-26.50*	
26 05 36 00-1808	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	524.12	223.94
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.75*	
26 05 36 00-1809	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	649.23	285.49
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-41.13*	
26 05 36 00-1810	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	796.29	349.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.50*	
26 05 36 00-1811	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	898.34	393.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-57.03*	
26 05 36 00-1812	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	1,029.43	449.46
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-65.48*	

26 05 36 00-1813 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1805)*

26 05 36 00-1814	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	478.37	174.44
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.30*	
26 05 36 00-1815	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	619.31	241.88
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-41.77*	
26 05 36 00-1816	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	785.07	314.30
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-52.32*	
26 05 36 00-1817	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	949.28	392.88
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-62.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1818	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	1,016.04	405.85
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-67.78*	
26 05 36 00-1819	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	1,267.29	523.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-83.08*	
26 05 36 00-1820		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1805)*		
26 05 36 00-1821	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	587.65	184.40
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-43.39*	
26 05 36 00-1822	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	757.71	262.32
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-53.92*	
26 05 36 00-1823	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	967.28	349.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-67.60*	
26 05 36 00-1824	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	1,153.58	448.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-77.98*	
26 05 36 00-1825	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	1,329.03	523.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-89.25*	
26 05 36 00-1826	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	1,554.22	627.56
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-103.12*	
26 05 36 00-1827		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1805)*		
26 05 36 00-1828	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	375.15	165.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-23.71*	
26 05 36 00-1829	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	490.94	223.94
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.43*	
26 05 36 00-1830	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	610.40	285.10
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-37.28*	
26 05 36 00-1831	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	748.24	348.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-45.75*	
26 05 36 00-1832	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	845.05	393.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-51.70*	
26 05 36 00-1833	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	966.07	448.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-59.23*	
26 05 36 00-1834		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1805)*		
26 05 36 00-1835	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	437.37	174.57
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.19*	
26 05 36 00-1836	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	571.76	241.88
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-37.02*	
26 05 36 00-1837	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	728.44	314.82
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-46.61*	
26 05 36 00-1838	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	884.49	392.88
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-55.71*	
26 05 36 00-1839	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	1,014.09	449.46
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-63.95*	
26 05 36 00-1840	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	1,180.56	523.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-74.40*	
26 05 36 00-1841		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1805)*		
26 05 36 00-1842	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	526.58	184.79
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-37.26*	
26 05 36 00-1843	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	686.02	261.53
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-46.80*	
26 05 36 00-1844	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	882.64	349.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-59.14*	
26 05 36 00-1845	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	1,065.95	449.46
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-69.14*	
26 05 36 00-1846	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	1,228.72	523.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-79.22*	
26 05 36 00-1847	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	1,445.77	629.66
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-92.11*	
26 05 36 00-1848		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-1805)*		
26 05 36 00-1849	EA	6" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	438.98	165.01
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.14*	
26 05 36 00-1850	EA	12" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	556.18	223.94
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.95*	
26 05 36 00-1851	EA	18" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	661.11	285.49
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-42.32*	
26 05 36 00-1852	EA	24" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	793.92	349.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.26*	
26 05 36 00-1853	EA	30" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	872.22	393.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-54.42*	
26 05 36 00-1854	EA	36" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	975.47	448.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-60.17*	
26 05 36 00-1855		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-1805)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1856	EA	6" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	525.87	174.44
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-38.05*	
26 05 36 00-1857	EA	12" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	652.56	241.88
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-45.10*	
26 05 36 00-1858	EA	18" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	799.32	314.30
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-53.74*	
26 05 36 00-1859	EA	24" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	939.78	392.88
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-61.24*	
26 05 36 00-1860	EA	30" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	1,068.09	448.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-69.43*	
26 05 36 00-1861	EA	36" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	1,207.92	523.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-77.14*	

26 05 36 00-1862 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-1805)*

26 05 36 00-1863	EA	6" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	625.65	184.40
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-47.19*	
26 05 36 00-1864	EA	12" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	774.33	262.32
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-55.58*	
26 05 36 00-1865	EA	18" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	957.78	349.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-66.65*	
26 05 36 00-1866	EA	24" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	1,148.83	448.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-77.51*	
26 05 36 00-1867	EA	30" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	1,283.91	523.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-84.74*	
26 05 36 00-1868	EA	36" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	1,501.97	627.56
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-97.90*	

26 05 36 00-1869 12" Radius Horizontal Tees *(26 05 36 00-1805)*

26 05 36 00-1870	EA	6" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	716.20	314.30
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-45.43*	
26 05 36 00-1871	EA	12" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	867.23	392.09
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-54.05*	
26 05 36 00-1872	EA	18" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	991.43	449.46
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-61.68*	
26 05 36 00-1873	EA	24" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	1,153.30	523.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-71.68*	
26 05 36 00-1874	EA	30" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	1,272.35	570.99
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-79.65*	
26 05 36 00-1875	EA	36" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	1,397.48	627.56
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-87.45*	

26 05 36 00-1876 24" Radius Horizontal Tees *(26 05 36 00-1805)*

26 05 36 00-1877	EA	6" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	899.76	348.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-60.90*	
26 05 36 00-1878	EA	12" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,094.21	448.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-72.05*	
26 05 36 00-1879	EA	18" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,260.16	523.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-82.36*	
26 05 36 00-1880	EA	24" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,549.47	627.56
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-102.65*	
26 05 36 00-1881	EA	30" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,711.33	699.07
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-112.88*	
26 05 36 00-1882	EA	36" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,912.81	785.77
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-125.80*	

26 05 36 00-1883 36" Radius Horizontal Tees *(26 05 36 00-1805)*

26 05 36 00-1884	EA	6" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,110.76	392.88
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-78.34*	
26 05 36 00-1885	EA	12" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,393.15	523.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-95.66*	
26 05 36 00-1886	EA	18" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,616.95	629.66
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-109.23*	
26 05 36 00-1887	EA	24" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,993.56	785.77
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-133.88*	
26 05 36 00-1888	EA	30" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	2,226.16	901.14
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-147.52*	
26 05 36 00-1889	EA	36" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	2,596.42	1,044.94
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-172.57*	

26 05 36 00-1890 12" Radius Vertical Tees *(26 05 36 00-1805)*

26 05 36 00-1891	EA	6" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	844.44	314.30
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-58.25*	
26 05 36 00-1892	EA	12" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	980.15	392.88
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-65.28*	
26 05 36 00-1893	EA	18" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	1,030.56	418.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-68.15*	
26 05 36 00-1894	EA	24" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	1,098.96	448.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-72.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1895	EA	30" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	1,179.26	483.90
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-77.61*	
26 05 36 00-1896	EA	36" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	1,331.72	570.99
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-85.58*	

26 05 36 00-1897 24" Radius Vertical Tees *(26 05 36 00-1805)*

26 05 36 00-1898	EA	6" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,011.37	348.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-72.06*	
26 05 36 00-1899	EA	12" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,198.70	448.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-82.50*	
26 05 36 00-1900	EA	18" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,279.00	483.90
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-87.58*	
26 05 36 00-1901	EA	24" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,381.28	523.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-94.47*	
26 05 36 00-1902	EA	30" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,486.08	570.99
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-101.02*	
26 05 36 00-1903	EA	36" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,744.57	699.07
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-116.20*	

26 05 36 00-1904 36" Radius Vertical Tees *(26 05 36 00-1805)*

26 05 36 00-1905	EA	6" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,337.45	392.09
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-101.07*	
26 05 36 00-1906	EA	12" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,573.64	523.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-113.71*	
26 05 36 00-1907	EA	18" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,676.07	570.99
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-120.02*	
26 05 36 00-1908	EA	24" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,821.18	629.66
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-129.65*	
26 05 36 00-1909	EA	30" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	2,055.68	699.07
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-147.31*	
26 05 36 00-1910	EA	36" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	2,397.41	896.95
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-164.99*	

26 05 36 00-1911 12" Radius Horizontal Crosses *(26 05 36 00-1805)*

26 05 36 00-1912	EA	6" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	901.78	392.88
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-57.44*	
26 05 36 00-1913	EA	12" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	998.56	449.46
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-62.40*	
26 05 36 00-1914	EA	18" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	1,150.92	523.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-71.44*	
26 05 36 00-1915	EA	24" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	1,338.11	627.56
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-81.51*	
26 05 36 00-1916	EA	30" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	1,488.72	696.58
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-90.82*	
26 05 36 00-1917	EA	36" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	1,677.71	785.77
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-102.29*	

26 05 36 00-1918 24" Radius Horizontal Crosses *(26 05 36 00-1805)*

26 05 36 00-1919	EA	6" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,136.29	449.46
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-76.17*	
26 05 36 00-1920	EA	12" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,279.16	523.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-84.26*	
26 05 36 00-1921	EA	18" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,492.48	627.56
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-96.95*	
26 05 36 00-1922	EA	24" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,877.19	785.77
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-122.24*	
26 05 36 00-1923	EA	30" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	2,121.93	896.95
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-137.44*	
26 05 36 00-1924	EA	36" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	2,406.44	1,044.94
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-153.57*	

26 05 36 00-1925 36" Radius Horizontal Crosses *(26 05 36 00-1805)*

26 05 36 00-1926	EA	6" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	1,526.14	523.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-108.96*	
26 05 36 00-1927	EA	12" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	1,735.69	629.66
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-121.10*	
26 05 36 00-1928	EA	18" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	2,010.18	785.77
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-135.54*	
26 05 36 00-1929	EA	24" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	2,593.87	1,050.43
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-171.85*	
26 05 36 00-1930	EA	30" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	3,024.90	1,259.19
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-197.55*	
26 05 36 00-1931	EA	36" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	3,616.63	1,571.53
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-230.70*	

26 05 36 00-1932 Straight Reducers *(26 05 36 00-1805)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1933	EA	12" To 6" Reducer, Vented Bottom, Steel Cable Tray	342.96	133.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-23.14*	
26 05 36 00-1934	EA	18" To 12" Reducer, Vented Bottom, Steel Cable Tray	373.84	149.56
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-24.93*	
26 05 36 00-1935	EA	24" To 18" Reducer, Vented Bottom, Steel Cable Tray	423.49	174.31
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.82*	
26 05 36 00-1936	EA	30" To 24" Reducer, Vented Bottom, Steel Cable Tray	465.14	196.44
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.14*	
26 05 36 00-1937	EA	36" To 30" Reducer, Vented Bottom, Steel Cable Tray	507.82	216.34
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.75*	
26 05 36 00-1938		**Reducers** *(26 05 36 00-1805)*		
26 05 36 00-1939	EA	18" To 6" Reducer, Vented Bottom, Steel Cable Tray	373.84	149.56
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-24.93*	
26 05 36 00-1940	EA	24" To 12" Reducer, Vented Bottom, Steel Cable Tray	421.64	174.57
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.61*	
26 05 36 00-1941	EA	30" To 12" Reducer, Vented Bottom, Steel Cable Tray	462.43	196.18
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.89*	
26 05 36 00-1942	EA	30" To 18" Reducer, Vented Bottom, Steel Cable Tray	464.49	196.05
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.11*	
26 05 36 00-1943	EA	36" To 12" Reducer, Vented Bottom, Steel Cable Tray	505.44	216.34
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.52*	
26 05 36 00-1944	EA	36" To 18" Reducer, Vented Bottom, Steel Cable Tray	507.82	216.34
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.75*	
26 05 36 00-1945	EA	36" To 24" Reducer, Vented Bottom, Steel Cable Tray	510.98	216.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.03*	
26 05 36 00-1946		**Dropout Or End Plate** *(26 05 36 00-1805)*		
26 05 36 00-1947	EA	6" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	109.16	48.33
26 05 36 00-1948	EA	12" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	129.46	56.71
26 05 36 00-1949	EA	18" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	142.68	62.60
26 05 36 00-1950	EA	24" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	160.48	69.80
26 05 36 00-1951	EA	30" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	178.07	78.44
26 05 36 00-1952	EA	36" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	208.60	93.77
26 05 36 00-1953		**Vented Bottom Aluminum Cable Tray** *(26 05 36 00-1797)*		
26 05 36 00-1954	LF	6" Vented Bottom Aluminum Cable Tray, Straight Section	41.34	10.21
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-3.28*	
26 05 36 00-1955	LF	9" Vented Bottom Aluminum Cable Tray, Straight Section	45.88	11.26
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-3.65*	
26 05 36 00-1956	LF	12" Vented Bottom Aluminum Cable Tray, Straight Section	51.33	12.58
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-4.09*	
26 05 36 00-1957	LF	18" Vented Bottom Aluminum Cable Tray, Straight Section	59.85	14.01
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-4.81*	
26 05 36 00-1958	LF	24" Vented Bottom Aluminum Cable Tray, Straight Section	68.75	15.58
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-5.58*	
26 05 36 00-1959	LF	30" Vented Bottom Aluminum Cable Tray, Straight Section	87.50	17.94
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-7.26*	
26 05 36 00-1960	LF	36" Vented Bottom Aluminum Cable Tray, Straight Section	97.26	21.08
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-7.97*	
26 05 36 00-1961		**Vented Bottom Aluminum Cable Tray Fittings** *(26 05 36 00-1797)*		
26 05 36 00-1962		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1961)*		
26 05 36 00-1963	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	472.70	165.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.48*	
26 05 36 00-1964	EA	9" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	513.54	179.68
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.38*	
26 05 36 00-1965	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	565.44	202.33
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-39.69*	
26 05 36 00-1966	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	639.10	224.21
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-45.22*	
26 05 36 00-1967	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	764.14	273.58
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-53.61*	
26 05 36 00-1968	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	904.17	314.82
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-64.18*	
26 05 36 00-1969	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	996.29	349.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-70.50*	
26 05 36 00-1970		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1961)*		
26 05 36 00-1971	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	576.09	174.44
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-43.07*	
26 05 36 00-1972	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	695.20	216.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-51.45*	
26 05 36 00-1973	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	788.39	241.88
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-58.68*	
26 05 36 00-1974	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	937.74	298.98
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-68.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1975	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,082.68	348.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-79.24*	
26 05 36 00-1976	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,196.92	392.88
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-86.95*	
26 05 36 00-1977		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1961)*		
26 05 36 00-1978	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	709.73	184.40
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-55.60*	
26 05 36 00-1979	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	847.75	232.98
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-65.36*	
26 05 36 00-1980	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	959.26	262.32
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-74.07*	
26 05 36 00-1981	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,121.84	330.68
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-84.63*	
26 05 36 00-1982	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,204.61	320.46
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-93.76*	
26 05 36 00-1983	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,475.08	448.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-110.13*	
26 05 36 00-1984		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1961)*		
26 05 36 00-1985	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	429.61	165.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.16*	
26 05 36 00-1986	EA	9" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	466.73	179.94
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-31.68*	
26 05 36 00-1987	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	515.22	202.33
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.66*	
26 05 36 00-1988	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	580.30	223.94
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-39.36*	
26 05 36 00-1989	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	695.71	273.18
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-46.80*	
26 05 36 00-1990	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	820.68	314.82
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-55.83*	
26 05 36 00-1991	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	904.24	348.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-61.35*	
26 05 36 00-1992		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1961)*		
26 05 36 00-1993	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	513.59	174.57
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.81*	
26 05 36 00-1994	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	621.76	216.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-44.11*	
26 05 36 00-1995	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	704.15	242.28
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.23*	
26 05 36 00-1996	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	841.83	299.50
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-59.23*	
26 05 36 00-1997	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	974.26	349.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-68.30*	
26 05 36 00-1998	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,077.66	392.88
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-75.03*	
26 05 36 00-1999		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1961)*		
26 05 36 00-2000	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	621.80	184.79
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-46.78*	
26 05 36 00-2001	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	745.76	232.46
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-55.20*	
26 05 36 00-2002	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	844.39	262.32
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-62.58*	
26 05 36 00-2003	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	997.22	331.33
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-72.12*	
26 05 36 00-2004	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,139.58	369.97
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-83.13*	
26 05 36 00-2005	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,316.72	449.46
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-94.21*	
26 05 36 00-2006		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-1961)*		
26 05 36 00-2007	EA	6" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	514.80	165.01
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-37.72*	
26 05 36 00-2008	EA	9" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	552.66	179.29
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-40.33*	
26 05 36 00-2009	EA	12" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	593.98	202.33
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-42.54*	
26 05 36 00-2010	EA	18" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	639.10	224.21
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-45.22*	
26 05 36 00-2011	EA	24" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	749.88	273.58
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-52.19*	
26 05 36 00-2012	EA	30" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	832.83	314.82
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-57.05*	
26 05 36 00-2013	EA	36" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	892.54	348.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-60.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2014		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-1961)*		
26 05 36 00-2015	EA	6" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	613.18	174.44
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-46.78*	
26 05 36 00-2016	EA	12" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	712.32	216.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-53.16*	
26 05 36 00-2017	EA	18" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	785.54	241.88
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-58.39*	
26 05 36 00-2018	EA	24" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	887.14	299.50
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-63.76*	
26 05 36 00-2019	EA	30" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	989.55	348.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-69.88*	
26 05 36 00-2020	EA	36" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,082.79	392.88
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-75.54*	
26 05 36 00-2021		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-1961)*		
26 05 36 00-2022	EA	6" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	706.88	184.40
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-55.32*	
26 05 36 00-2023	EA	12" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	816.36	232.98
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-62.22*	
26 05 36 00-2024	EA	18" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	916.46	262.32
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-69.79*	
26 05 36 00-2025	EA	24" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,070.48	330.68
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-79.49*	
26 05 36 00-2026	EA	30" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,187.23	369.97
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-87.89*	
26 05 36 00-2027	EA	36" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,335.27	448.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-96.15*	
26 05 36 00-2028		**12" Radius Horizontal Tees** *(26 05 36 00-1961)*		
26 05 36 00-2029	EA	6" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	823.43	314.30
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-56.15*	
26 05 36 00-2030	EA	9" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	859.33	330.68
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-58.37*	
26 05 36 00-2031	EA	12" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	914.33	348.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-62.41*	
26 05 36 00-2032	EA	18" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,044.16	393.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-71.61*	
26 05 36 00-2033	EA	24" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,192.60	448.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-81.89*	
26 05 36 00-2034	EA	30" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,349.57	523.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-91.30*	
26 05 36 00-2035	EA	36" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,493.87	570.99
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-101.80*	
26 05 36 00-2036		**24" Radius Horizontal Tees** *(26 05 36 00-1961)*		
26 05 36 00-2037	EA	6" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,038.05	348.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-74.73*	
26 05 36 00-2038	EA	12" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,172.80	392.09
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-84.61*	
26 05 36 00-2039	EA	18" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,318.15	448.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-94.44*	
26 05 36 00-2040	EA	24" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,584.07	522.40
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-114.87*	
26 05 36 00-2041	EA	30" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,819.76	629.66
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-129.51*	
26 05 36 00-2042	EA	36" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	2,063.90	699.07
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-148.13*	
26 05 36 00-2043		**36" Radius Horizontal Tees** *(26 05 36 00-1961)*		
26 05 36 00-2044	EA	6" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,388.09	392.88
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-106.07*	
26 05 36 00-2045	EA	12" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,589.21	448.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-121.55*	
26 05 36 00-2046	EA	18" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,685.03	437.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-132.04*	
26 05 36 00-2047	EA	24" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,158.79	627.56
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-163.58*	
26 05 36 00-2048	EA	30" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,498.97	788.90
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-184.15*	
26 05 36 00-2049	EA	36" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,864.55	896.95
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-211.71*	
26 05 36 00-2050		**12" Radius Vertical Tees** *(26 05 36 00-1961)*		
26 05 36 00-2051	EA	6" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	934.71	314.30
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-67.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2052	EA	9" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	964.91	330.68
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-68.93*	
26 05 36 00-2053	EA	12" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,026.64	348.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-73.59*	
26 05 36 00-2054	EA	18" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,064.53	369.97
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-75.62*	
26 05 36 00-2055	EA	24" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,112.88	392.09
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-78.61*	
26 05 36 00-2056	EA	30" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,177.44	418.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-82.84*	
26 05 36 00-2057	EA	36" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,303.75	482.59
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-90.15*	
26 05 36 00-2058		**24" Radius Vertical Tees** *(26 05 36 00-1961)*		
26 05 36 00-2059	EA	6" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,163.60	348.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-87.28*	
26 05 36 00-2060	EA	12" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,281.22	392.09
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-95.45*	
26 05 36 00-2061	EA	18" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,368.61	418.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-101.96*	
26 05 36 00-2062	EA	24" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,460.81	448.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-108.71*	
26 05 36 00-2063	EA	30" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,574.82	482.59
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-117.26*	
26 05 36 00-2064	EA	36" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,739.17	572.69
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-126.19*	
26 05 36 00-2065		**36" Radius Vertical Tees** *(26 05 36 00-1961)*		
26 05 36 00-2066	EA	6" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,552.28	392.09
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-122.55*	
26 05 36 00-2067	EA	12" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,703.34	448.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-132.96*	
26 05 36 00-2068	EA	18" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,788.81	482.59
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-138.66*	
26 05 36 00-2069	EA	24" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,931.11	525.28
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-149.34*	
26 05 36 00-2070	EA	30" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,095.83	572.69
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-161.86*	
26 05 36 00-2071	EA	36" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,359.38	696.58
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-177.89*	
26 05 36 00-2072		**12" Radius Horizontal Crosses** *(26 05 36 00-1961)*		
26 05 36 00-2073	EA	6" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	955.31	348.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-66.45*	
26 05 36 00-2074	EA	9" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,016.03	369.97
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-70.77*	
26 05 36 00-2075	EA	12" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,066.98	393.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-73.89*	
26 05 36 00-2076	EA	18" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,178.34	448.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-80.46*	
26 05 36 00-2077	EA	24" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,350.10	522.40
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-91.47*	
26 05 36 00-2078	EA	30" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,531.06	569.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-105.66*	
26 05 36 00-2079	EA	36" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,867.03	699.07
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-128.45*	
26 05 36 00-2080		**24" Radius Horizontal Crosses** *(26 05 36 00-1961)*		
26 05 36 00-2081	EA	6" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,326.63	393.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-99.86*	
26 05 36 00-2082	EA	12" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,480.78	448.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-110.70*	
26 05 36 00-2083	EA	18" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,661.11	522.40
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-122.57*	
26 05 36 00-2084	EA	24" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,959.06	627.56
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-143.61*	
26 05 36 00-2085	EA	30" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	2,145.38	696.58
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-156.49*	
26 05 36 00-2086	EA	36" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	2,607.76	896.95
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-186.03*	
26 05 36 00-2087		**36" Radius Horizontal Crosses** *(26 05 36 00-1961)*		
26 05 36 00-2088	EA	6" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,846.00	448.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-147.23*	
26 05 36 00-2089	EA	12" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,045.24	525.28
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-160.75*	
26 05 36 00-2090	EA	18" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,315.72	627.56
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-179.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2091	EA	24" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,784.30	788.90
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-212.69*	
26 05 36 00-2092	EA	30" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	3,099.68	901.14
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-234.88*	
26 05 36 00-2093	EA	36" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	3,596.12	1,044.94
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-272.54*	
26 05 36 00-2094		**Straight Reducers** *(26 05 36 00-1961)*		
26 05 36 00-2095	EA	9" To 6" Reducer, Vented Bottom, Aluminum Cable Tray	357.32	104.76
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.00*	
26 05 36 00-2096	EA	12" To 9" Reducer, Vented Bottom, Aluminum Cable Tray	375.11	110.40
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-28.31*	
26 05 36 00-2097	EA	18" To 12" Reducer, Vented Bottom, Aluminum Cable Tray	423.57	130.83
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-31.45*	
26 05 36 00-2098	EA	24" To 18" Reducer, Vented Bottom, Aluminum Cable Tray	468.67	149.43
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.42*	
26 05 36 00-2099	EA	30" To 24" Reducer, Vented Bottom, Aluminum Cable Tray	516.44	174.57
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-37.09*	
26 05 36 00-2100	EA	36" To 30" Reducer, Vented Bottom, Aluminum Cable Tray	560.72	196.05
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-39.73*	
26 05 36 00-2101		**Reducers** *(26 05 36 00-1961)*		
26 05 36 00-2102	EA	12" To 6" Reducer, Vented Bottom, Aluminum Cable Tray	374.80	110.14
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-28.30*	
26 05 36 00-2103	EA	18" To 6" Reducer, Vented Bottom, Aluminum Cable Tray	423.42	130.83
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-31.44*	
26 05 36 00-2104	EA	18" To 9" Reducer, Vented Bottom, Aluminum Cable Tray	423.42	130.83
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-31.44*	
26 05 36 00-2105	EA	24" To 6" Reducer, Vented Bottom, Aluminum Cable Tray	468.86	149.56
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.43*	
26 05 36 00-2106	EA	24" To 9" Reducer, Vented Bottom, Aluminum Cable Tray	468.86	149.56
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.43*	
26 05 36 00-2107	EA	24" To 12" Reducer, Vented Bottom, Aluminum Cable Tray	469.24	149.69
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.45*	
26 05 36 00-2108	EA	30" To 12" Reducer, Vented Bottom, Aluminum Cable Tray	521.88	174.44
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-37.65*	
26 05 36 00-2109	EA	30" To 18" Reducer, Vented Bottom, Aluminum Cable Tray	515.91	174.31
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-37.07*	
26 05 36 00-2110	EA	36" To 12" Reducer, Vented Bottom, Aluminum Cable Tray	560.72	196.05
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-39.73*	
26 05 36 00-2111	EA	36" To 18" Reducer, Vented Bottom, Aluminum Cable Tray	560.72	196.05
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-39.73*	
26 05 36 00-2112	EA	36" To 24" Reducer, Vented Bottom, Aluminum Cable Tray	561.37	196.44
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-39.77*	
26 05 36 00-2113		**Dropout Or End Plate** *(26 05 36 00-1961)*		
26 05 36 00-2114	EA	6" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	117.92	48.33
26 05 36 00-2115	EA	9" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	128.67	52.78
26 05 36 00-2116	EA	12" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	138.66	56.71
26 05 36 00-2117	EA	18" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	157.54	62.60
26 05 36 00-2118	EA	24" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	180.63	69.80
26 05 36 00-2119	EA	30" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	199.29	78.44
26 05 36 00-2120	EA	36" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	228.18	89.84
26 05 36 00-2121		**Cable Tray Covers And Dividers** *(26 05 36 00-0001)*		
26 05 36 00-2122		**Galvanized Steel Covers** *(26 05 36 00-2121)*		
26 05 36 00-2123		**Ventilated Straight Sections** *(26 05 36 00-2122)*		
26 05 36 00-2124	LF	6" Steel Cable Tray Cover, Straight Section	11.48	2.35
26 05 36 00-2125	LF	9" Steel Cable Tray Cover, Straight Section	13.84	2.75
26 05 36 00-2126	LF	12" Steel Cable Tray Cover, Straight Section	16.27	3.15
26 05 36 00-2127	LF	18" Steel Cable Tray Cover, Straight Section	22.05	4.19
26 05 36 00-2128	LF	24" Steel Cable Tray Cover, Straight Section	27.97	5.63
26 05 36 00-2129	LF	30" Steel Cable Tray Cover, Straight Section	33.93	6.94
26 05 36 00-2130	LF	36" Steel Cable Tray Cover, Straight Section	156.75	78.71
26 05 36 00-2131		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-2122)*		
26 05 36 00-2132	EA	6" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	69.83	8.38
26 05 36 00-2133	EA	9" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	78.12	9.82
26 05 36 00-2134	EA	12" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	84.65	11.65
26 05 36 00-2135	EA	18" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	115.11	14.93
26 05 36 00-2136	EA	24" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	140.96	18.99
26 05 36 00-2137	EA	30" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	170.39	21.08
26 05 36 00-2138	EA	36" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	205.82	25.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2139		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-2122)*		
26 05 36 00-2140	EA	6" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	108.06	9.30
26 05 36 00-2141	EA	9" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	113.07	10.87
26 05 36 00-2142	EA	12" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	127.56	13.10
26 05 36 00-2143	EA	18" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	158.25	16.63
26 05 36 00-2144	EA	24" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	194.08	20.95
26 05 36 00-2145	EA	30" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	249.24	24.10
26 05 36 00-2146	EA	36" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	289.90	28.55
26 05 36 00-2147		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-2122)*		
26 05 36 00-2148	EA	6" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	152.74	10.48
26 05 36 00-2149	EA	9" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	169.78	12.04
26 05 36 00-2150	EA	12" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	184.03	14.93
26 05 36 00-2151	EA	18" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	233.33	17.42
26 05 36 00-2152	EA	24" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	282.52	24.23
26 05 36 00-2153	EA	30" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	332.92	27.37
26 05 36 00-2154	EA	36" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	389.52	31.43
26 05 36 00-2155		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-2122)*		
26 05 36 00-2156	EA	6" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	53.69	8.38
		For 60 Degree Bend, Deduct	*-14.49*	
		For 30 Degree Bend, Deduct	*-24.62*	
26 05 36 00-2157	EA	9" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	63.87	9.82
		For 60 Degree Bend, Deduct	*-17.31*	
		For 30 Degree Bend, Deduct	*-29.40*	
26 05 36 00-2158	EA	12" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	71.59	11.65
		For 60 Degree Bend, Deduct	*-19.18*	
		For 30 Degree Bend, Deduct	*-32.61*	
26 05 36 00-2159	EA	18" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	86.72	14.28
		For 60 Degree Bend, Deduct	*-23.15*	
		For 30 Degree Bend, Deduct	*-39.37*	
26 05 36 00-2160	EA	24" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	101.23	16.50
		For 60 Degree Bend, Deduct	*-27.06*	
		For 30 Degree Bend, Deduct	*-46.01*	
26 05 36 00-2161	EA	30" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	118.43	18.99
		For 60 Degree Bend, Deduct	*-31.78*	
		For 30 Degree Bend, Deduct	*-54.02*	
26 05 36 00-2162	EA	36" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	132.30	20.95
		For 60 Degree Bend, Deduct	*-35.63*	
		For 30 Degree Bend, Deduct	*-60.54*	
26 05 36 00-2163		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-2122)*		
26 05 36 00-2164	EA	6" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	73.63	9.30
		For 60 Degree Bend, Deduct	*-20.74*	
		For 30 Degree Bend, Deduct	*-35.09*	
26 05 36 00-2165	EA	9" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	83.39	10.87
		For 60 Degree Bend, Deduct	*-23.36*	
		For 30 Degree Bend, Deduct	*-39.54*	
26 05 36 00-2166	EA	12" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	95.50	13.10
		For 60 Degree Bend, Deduct	*-26.48*	
		For 30 Degree Bend, Deduct	*-44.87*	
26 05 36 00-2167	EA	18" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	110.54	15.71
		For 60 Degree Bend, Deduct	*-30.45*	
		For 30 Degree Bend, Deduct	*-51.62*	
26 05 36 00-2168	EA	24" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	127.36	17.94
		For 60 Degree Bend, Deduct	*-35.13*	
		For 30 Degree Bend, Deduct	*-59.55*	
26 05 36 00-2169	EA	30" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	158.50	20.95
		For 60 Degree Bend, Deduct	*-44.25*	
		For 30 Degree Bend, Deduct	*-74.92*	
26 05 36 00-2170	EA	36" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	175.69	24.23
		For 60 Degree Bend, Deduct	*-48.70*	
		For 30 Degree Bend, Deduct	*-82.51*	
26 05 36 00-2171		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-2122)*		
26 05 36 00-2172	EA	6" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	101.72	10.48
		For 60 Degree Bend, Deduct	*-29.56*	
		For 30 Degree Bend, Deduct	*-49.85*	
26 05 36 00-2173	EA	9" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	115.16	12.04
		For 60 Degree Bend, Deduct	*-33.36*	
		For 30 Degree Bend, Deduct	*-56.28*	
26 05 36 00-2174	EA	12" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	129.34	14.93
		For 60 Degree Bend, Deduct	*-36.97*	
		For 30 Degree Bend, Deduct	*-62.44*	
26 05 36 00-2175	EA	18" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	147.59	16.63
		For 60 Degree Bend, Deduct	*-42.34*	
		For 30 Degree Bend, Deduct	*-71.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2176	EA	24" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	179.88	20.30
		For 60 Degree Bend, Deduct	*-51.58*	
		For 30 Degree Bend, Deduct	*-87.09*	
26 05 36 00-2177	EA	30" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	199.44	24.23
		For 60 Degree Bend, Deduct	*-56.54*	
		For 30 Degree Bend, Deduct	*-95.58*	
26 05 36 00-2178	EA	36" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	236.04	26.19
		For 60 Degree Bend, Deduct	*-67.85*	
		For 30 Degree Bend, Deduct	*-114.53*	
26 05 36 00-2179		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-2122)*		
26 05 36 00-2180	EA	6" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	60.54	8.38
26 05 36 00-2181	EA	9" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	63.87	9.82
26 05 36 00-2182	EA	12" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	70.40	11.65
26 05 36 00-2183	EA	18" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	82.00	14.28
26 05 36 00-2184	EA	24" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	90.17	18.47
26 05 36 00-2185	EA	30" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	100.34	21.08
26 05 36 00-2186	EA	36" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	126.18	25.14
26 05 36 00-2187		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-2122)*		
26 05 36 00-2188	EA	6" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	72.44	9.30
26 05 36 00-2189	EA	9" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	81.01	10.87
26 05 36 00-2190	EA	12" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	87.19	13.10
26 05 36 00-2191	EA	18" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	112.87	15.71
26 05 36 00-2192	EA	24" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	131.16	20.30
26 05 36 00-2193	EA	30" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	150.72	24.23
26 05 36 00-2194	EA	36" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	173.54	28.55
26 05 36 00-2195		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-2122)*		
26 05 36 00-2196	EA	6" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	83.87	10.48
26 05 36 00-2197	EA	9" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	104.48	12.04
26 05 36 00-2198	EA	12" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	119.91	14.93
26 05 36 00-2199	EA	18" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	147.59	16.63
26 05 36 00-2200	EA	24" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	171.71	23.18
26 05 36 00-2201	EA	30" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	204.68	27.37
26 05 36 00-2202	EA	36" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	239.91	31.43
26 05 36 00-2203		**12" Radius Horizontal Tees** *(26 05 36 00-2122)*		
26 05 36 00-2204	EA	6" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	107.10	13.62
26 05 36 00-2205	EA	9" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	112.87	15.71
26 05 36 00-2206	EA	12" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	128.08	18.47
26 05 36 00-2207	EA	18" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	153.75	20.95
26 05 36 00-2208	EA	24" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	189.94	24.23
26 05 36 00-2209	EA	30" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	233.84	34.83
26 05 36 00-2210	EA	36" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	281.05	41.78
26 05 36 00-2211		**24" Radius Horizontal Tees** *(26 05 36 00-2122)*		
26 05 36 00-2212	EA	6" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	156.81	14.28
26 05 36 00-2213	EA	9" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	179.64	16.63
26 05 36 00-2214	EA	12" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	189.45	19.64
26 05 36 00-2215	EA	18" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	239.31	22.53
26 05 36 00-2216	EA	24" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	352.27	26.19
26 05 36 00-2217	EA	30" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	417.00	39.29
26 05 36 00-2218	EA	36" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	467.63	48.33
26 05 36 00-2219		**36" Radius Horizontal Tees** *(26 05 36 00-2122)*		
26 05 36 00-2220	EA	6" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	264.74	14.93
26 05 36 00-2221	EA	9" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	273.68	17.42
26 05 36 00-2222	EA	12" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	305.69	20.95
26 05 36 00-2223	EA	18" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	358.63	24.23
26 05 36 00-2224	EA	24" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	465.64	28.55
26 05 36 00-2225	EA	30" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	528.61	45.05
26 05 36 00-2226	EA	36" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	610.28	56.97
26 05 36 00-2227		**12" Radius Horizontal Crosses** *(26 05 36 00-2122)*		
26 05 36 00-2228	EA	6" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	156.64	18.47
26 05 36 00-2229	EA	9" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	165.73	19.64
26 05 36 00-2230	EA	12" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	183.44	20.95
26 05 36 00-2231	EA	18" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	216.07	24.23
26 05 36 00-2232	EA	24" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	271.78	34.83
26 05 36 00-2233	EA	30" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	314.22	41.78
26 05 36 00-2234	EA	36" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	359.76	44.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2235		**24" Radius Horizontal Crosses** *(26 05 36 00-2122)*		
26 05 36 00-2236	EA	6" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	272.64	19.64
26 05 36 00-2237	EA	9" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	296.20	20.95
26 05 36 00-2238	EA	12" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	317.68	22.53
26 05 36 00-2239	EA	18" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	378.39	26.19
26 05 36 00-2240	EA	24" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	473.95	39.29
26 05 36 00-2241	EA	30" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	541.15	48.33
26 05 36 00-2242	EA	36" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	604.83	52.26
26 05 36 00-2243		**36" Radius Horizontal Crosses** *(26 05 36 00-2122)*		
26 05 36 00-2244	EA	6" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	436.30	20.95
26 05 36 00-2245	EA	9" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	453.05	22.53
26 05 36 00-2246	EA	12" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	477.37	24.23
26 05 36 00-2247	EA	18" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	551.13	28.55
26 05 36 00-2248	EA	24" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	716.17	44.92
26 05 36 00-2249	EA	30" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	784.07	57.23
26 05 36 00-2250	EA	36" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	840.95	62.86
26 05 36 00-2251		**Reducers** *(26 05 36 00-2122)*		
26 05 36 00-2252	EA	9" To 6" Reducer, Steel Cable Tray Covers	69.81	9.82
26 05 36 00-2253	EA	12" To 6" Reducer, Steel Cable Tray Covers	75.19	11.65
26 05 36 00-2254	EA	12" To 9" Reducer, Steel Cable Tray Covers	75.19	11.65
26 05 36 00-2255	EA	18" To 6" Reducer, Steel Cable Tray Covers	83.18	14.28
26 05 36 00-2256	EA	18" To 12" Reducer, Steel Cable Tray Covers	83.18	14.28
26 05 36 00-2257	EA	24" To 12" Reducer, Steel Cable Tray Covers	102.18	15.71
26 05 36 00-2258	EA	24" To 18" Reducer, Steel Cable Tray Covers	109.31	15.71
26 05 36 00-2259	EA	30" To 12" Reducer, Steel Cable Tray Covers	105.95	17.94
26 05 36 00-2260	EA	30" To 18" Reducer, Steel Cable Tray Covers	113.08	17.94
26 05 36 00-2261	EA	30" To 24" Reducer, Steel Cable Tray Covers	117.83	17.94
26 05 36 00-2262	EA	36" To 12" Reducer, Steel Cable Tray Covers	122.91	19.64
26 05 36 00-2263	EA	36" To 18" Reducer, Steel Cable Tray Covers	125.29	19.64
26 05 36 00-2264	EA	36" To 24" Reducer, Steel Cable Tray Covers	127.66	19.64
26 05 36 00-2265	EA	36" To 30" Reducer, Steel Cable Tray Covers	128.85	19.64
26 05 36 00-2266		**Aluminum Covers** *(26 05 36 00-2121)*		
26 05 36 00-2267		**Ventilated Straight Sections** *(26 05 36 00-2266)*		
26 05 36 00-2268	LF	6" Aluminum Cable Tray Cover, Straight Section	12.52	2.35
26 05 36 00-2269	LF	9" Aluminum Cable Tray Cover, Straight Section	14.92	2.75
26 05 36 00-2270	LF	12" Aluminum Cable Tray Cover, Straight Section	17.53	3.15
26 05 36 00-2271	LF	18" Aluminum Cable Tray Cover, Straight Section	23.32	4.19
26 05 36 00-2272	LF	24" Aluminum Cable Tray Cover, Straight Section	29.99	5.63
26 05 36 00-2273	LF	30" Aluminum Cable Tray Cover, Straight Section	34.11	6.94
26 05 36 00-2274	LF	36" Aluminum Cable Tray Cover, Straight Section	155.11	78.71
26 05 36 00-2275		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2276	EA	6" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	69.73	8.38
26 05 36 00-2277	EA	9" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	74.50	9.82
26 05 36 00-2278	EA	12" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	82.32	11.65
26 05 36 00-2279	EA	18" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	107.23	14.93
26 05 36 00-2280	EA	24" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	135.88	18.99
26 05 36 00-2281	EA	30" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	159.78	21.08
26 05 36 00-2282	EA	36" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	194.56	25.14
26 05 36 00-2283		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2284	EA	6" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	91.74	9.30
26 05 36 00-2285	EA	9" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	112.55	10.87
26 05 36 00-2286	EA	12" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	126.04	13.10
26 05 36 00-2287	EA	18" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	151.17	16.63
26 05 36 00-2288	EA	24" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	187.57	20.95
26 05 36 00-2289	EA	30" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	226.77	24.10
26 05 36 00-2290	EA	36" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	277.78	28.55
26 05 36 00-2291		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2292	EA	6" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	148.18	10.48
26 05 36 00-2293	EA	9" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	163.08	12.04
26 05 36 00-2294	EA	12" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	187.21	14.93
26 05 36 00-2295	EA	18" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	222.88	17.42
26 05 36 00-2296	EA	24" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	275.25	24.23
26 05 36 00-2297	EA	30" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	316.86	27.37
26 05 36 00-2298	EA	36" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	369.61	31.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2299		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2300	EA	6" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	55.21	8.38
		For 30 Degree Bend, Deduct	*-25.46*	
		For 60 Degree Bend, Deduct	*-14.99*	
26 05 36 00-2301	EA	9" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	58.76	9.82
		For 30 Degree Bend, Deduct	*-26.59*	
		For 60 Degree Bend, Deduct	*-15.63*	
26 05 36 00-2302	EA	12" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	66.82	11.65
		For 30 Degree Bend, Deduct	*-29.98*	
		For 60 Degree Bend, Deduct	*-17.60*	
26 05 36 00-2303	EA	18" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	78.29	14.28
		For 30 Degree Bend, Deduct	*-34.73*	
		For 60 Degree Bend, Deduct	*-20.36*	
26 05 36 00-2304	EA	24" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	88.17	16.50
		For 30 Degree Bend, Deduct	*-38.83*	
		For 60 Degree Bend, Deduct	*-22.75*	
26 05 36 00-2305	EA	30" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	108.05	18.99
		For 30 Degree Bend, Deduct	*-48.32*	
		For 60 Degree Bend, Deduct	*-28.35*	
26 05 36 00-2306	EA	36" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	126.98	20.95
		For 30 Degree Bend, Deduct	*-57.61*	
		For 60 Degree Bend, Deduct	*-33.87*	
26 05 36 00-2307		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2308	EA	6" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	63.29	9.30
		For 30 Degree Bend, Deduct	*-29.40*	
		For 60 Degree Bend, Deduct	*-17.33*	
26 05 36 00-2309	EA	9" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	78.64	10.87
		For 30 Degree Bend, Deduct	*-36.92*	
		For 60 Degree Bend, Deduct	*-21.79*	
26 05 36 00-2310	EA	12" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	84.86	13.10
		For 30 Degree Bend, Deduct	*-39.02*	
		For 60 Degree Bend, Deduct	*-22.97*	
26 05 36 00-2311	EA	18" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	102.53	15.71
		For 30 Degree Bend, Deduct	*-47.21*	
		For 60 Degree Bend, Deduct	*-27.80*	
26 05 36 00-2312	EA	24" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	124.46	17.94
		For 30 Degree Bend, Deduct	*-57.96*	
		For 60 Degree Bend, Deduct	*-34.17*	
26 05 36 00-2313	EA	30" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	144.01	20.95
		For 30 Degree Bend, Deduct	*-66.95*	
		For 60 Degree Bend, Deduct	*-39.47*	
26 05 36 00-2314	EA	36" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	166.29	24.23
		For 30 Degree Bend, Deduct	*-77.34*	
		For 60 Degree Bend, Deduct	*-45.60*	
26 05 36 00-2315		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2316	EA	6" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	99.77	10.48
		For 30 Degree Bend, Deduct	*-48.78*	
		For 60 Degree Bend, Deduct	*-28.92*	
26 05 36 00-2317	EA	9" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	109.79	12.04
		For 30 Degree Bend, Deduct	*-53.33*	
		For 60 Degree Bend, Deduct	*-31.59*	
26 05 36 00-2318	EA	12" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	119.32	14.93
		For 30 Degree Bend, Deduct	*-56.93*	
		For 60 Degree Bend, Deduct	*-33.66*	
26 05 36 00-2319	EA	18" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	141.51	16.63
		For 30 Degree Bend, Deduct	*-68.15*	
		For 60 Degree Bend, Deduct	*-40.34*	
26 05 36 00-2320	EA	24" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	171.90	20.30
		For 30 Degree Bend, Deduct	*-82.70*	
		For 60 Degree Bend, Deduct	*-48.95*	
26 05 36 00-2321	EA	30" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	197.78	24.23
		For 30 Degree Bend, Deduct	*-94.66*	
		For 60 Degree Bend, Deduct	*-55.99*	
26 05 36 00-2322	EA	36" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	222.93	26.19
		For 30 Degree Bend, Deduct	*-107.32*	
		For 60 Degree Bend, Deduct	*-63.52*	
26 05 36 00-2323		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-2266)*		
26 05 36 00-2324	EA	6" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	61.47	8.38
26 05 36 00-2325	EA	9" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	64.21	9.82
26 05 36 00-2326	EA	12" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	71.42	11.65
26 05 36 00-2327	EA	18" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	84.38	14.28
26 05 36 00-2328	EA	24" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	93.78	18.47
26 05 36 00-2329	EA	30" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	99.22	21.08
26 05 36 00-2330	EA	36" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	119.38	25.14
26 05 36 00-2331		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-2266)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2332	EA	6" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	69.94	9.30
26 05 36 00-2333	EA	9" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	77.42	10.87
26 05 36 00-2334	EA	12" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	86.07	13.10
26 05 36 00-2335	EA	18" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	103.70	15.71
26 05 36 00-2336	EA	24" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	118.57	20.30
26 05 36 00-2337	EA	30" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	149.29	24.23
26 05 36 00-2338	EA	36" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	166.36	28.55
26 05 36 00-2339		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-2266)*		
26 05 36 00-2340	EA	6" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	80.36	10.48
26 05 36 00-2341	EA	9" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	97.68	12.04
26 05 36 00-2342	EA	12" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	114.54	14.93
26 05 36 00-2343	EA	18" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	136.66	16.63
26 05 36 00-2344	EA	24" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	167.10	23.18
26 05 36 00-2345	EA	30" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	207.86	27.37
26 05 36 00-2346	EA	36" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	226.70	31.43
26 05 36 00-2347		**12" Radius Horizontal Tees** *(26 05 36 00-2266)*		
26 05 36 00-2348	EA	6" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	100.30	13.62
26 05 36 00-2349	EA	9" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	108.55	15.71
26 05 36 00-2350	EA	12" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	122.76	18.47
26 05 36 00-2351	EA	18" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	144.01	20.95
26 05 36 00-2352	EA	24" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	178.40	24.23
26 05 36 00-2353	EA	30" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	220.39	34.83
26 05 36 00-2354	EA	36" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	265.89	41.78
26 05 36 00-2355		**24" Radius Horizontal Tees** *(26 05 36 00-2266)*		
26 05 36 00-2356	EA	6" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	149.78	14.28
26 05 36 00-2357	EA	9" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	168.14	16.63
26 05 36 00-2358	EA	12" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	190.16	19.64
26 05 36 00-2359	EA	18" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	221.54	22.53
26 05 36 00-2360	EA	24" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	336.63	26.19
26 05 36 00-2361	EA	30" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	390.11	39.29
26 05 36 00-2362	EA	36" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	441.45	48.33
26 05 36 00-2363		**36" Radius Horizontal Tees** *(26 05 36 00-2266)*		
26 05 36 00-2364	EA	6" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	254.99	14.93
26 05 36 00-2365	EA	9" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	264.03	17.42
26 05 36 00-2366	EA	12" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	294.14	20.95
26 05 36 00-2367	EA	18" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	333.49	24.23
26 05 36 00-2368	EA	24" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	420.70	28.55
26 05 36 00-2369	EA	30" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	494.07	45.05
26 05 36 00-2370	EA	36" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	567.29	56.97
26 05 36 00-2371		**12" Radius Horizontal Crosses** *(26 05 36 00-2266)*		
26 05 36 00-2372	EA	6" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	149.46	18.47
26 05 36 00-2373	EA	9" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	158.70	19.64
26 05 36 00-2374	EA	12" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	175.50	20.95
26 05 36 00-2375	EA	18" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	209.89	24.23
26 05 36 00-2376	EA	24" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	254.25	34.83
26 05 36 00-2377	EA	30" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	302.15	41.78
26 05 36 00-2378	EA	36" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	343.65	44.92
26 05 36 00-2379		**24" Radius Horizontal Crosses** *(26 05 36 00-2266)*		
26 05 36 00-2380	EA	6" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	265.32	19.64
26 05 36 00-2381	EA	9" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	284.46	20.95
26 05 36 00-2382	EA	12" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	306.32	22.53
26 05 36 00-2383	EA	18" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	356.01	26.19
26 05 36 00-2384	EA	24" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	438.51	39.29
26 05 36 00-2385	EA	30" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	516.44	48.33
26 05 36 00-2386	EA	36" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	559.46	52.26
26 05 36 00-2387		**36" Radius Horizontal Crosses** *(26 05 36 00-2266)*		
26 05 36 00-2388	EA	6" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	407.99	20.95
26 05 36 00-2389	EA	9" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	427.44	22.53
26 05 36 00-2390	EA	12" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	459.45	24.23
26 05 36 00-2391	EA	18" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	507.90	28.55
26 05 36 00-2392	EA	24" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	644.20	44.92
26 05 36 00-2393	EA	30" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	749.38	57.23
26 05 36 00-2394	EA	36" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	819.32	62.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2395		**Reducers** *(26 05 36 00-2266)*		
26 05 36 00-2396	EA	9" To 6" Reducer, Aluminum Cable Tray Covers	75.72	9.82
26 05 36 00-2397	EA	12" To 6" Reducer, Aluminum Cable Tray Covers	81.15	11.65
26 05 36 00-2398	EA	12" To 9" Reducer, Aluminum Cable Tray Covers	81.15	11.65
26 05 36 00-2399	EA	18" To 6" Reducer, Aluminum Cable Tray Covers	91.63	14.28
26 05 36 00-2400	EA	18" To 12" Reducer, Aluminum Cable Tray Covers	91.63	14.28
26 05 36 00-2401	EA	24" To 12" Reducer, Aluminum Cable Tray Covers	101.28	15.71
26 05 36 00-2402	EA	24" To 18" Reducer, Aluminum Cable Tray Covers	110.92	15.71
26 05 36 00-2403	EA	30" To 12" Reducer, Aluminum Cable Tray Covers	117.16	17.94
26 05 36 00-2404	EA	30" To 18" Reducer, Aluminum Cable Tray Covers	120.76	17.94
26 05 36 00-2405	EA	30" To 24" Reducer, Aluminum Cable Tray Covers	123.25	17.94
26 05 36 00-2406	EA	36" To 12" Reducer, Aluminum Cable Tray Covers	129.56	19.64
26 05 36 00-2407	EA	36" To 18" Reducer, Aluminum Cable Tray Covers	131.98	19.64
26 05 36 00-2408	EA	36" To 24" Reducer, Aluminum Cable Tray Covers	133.19	19.64
26 05 36 00-2409	EA	36" To 30" Reducer, Aluminum Cable Tray Covers	134.40	19.64
26 05 36 00-2410		**Galvanized Steel Dividers** *(26 05 36 00-2121)*		
26 05 36 00-2411		**Straight Dividers** *(26 05 36 00-2410)*		
26 05 36 00-2412	LF	3" Deep Galvanized Steel Divider Strip, Straight	11.77	3.15
26 05 36 00-2413	LF	4" Deep Galvanized Steel Divider Strip, Straight	13.84	3.41
26 05 36 00-2414	LF	6" Deep Galvanized Steel Divider Strip, Straight	17.12	3.93
26 05 36 00-2415		**3" Deep Vertical Dividers** *(26 05 36 00-2410)*		
26 05 36 00-2416	EA	Vertical Divider, 3" Deep, 12" Radius, 30 Degree, Steel Cable Tray	69.52	22.53
26 05 36 00-2417	EA	Vertical Divider, 3" Deep, 12" Radius, 45 Degree, Steel Cable Tray	79.01	23.31
26 05 36 00-2418	EA	Vertical Divider, 3" Deep, 12" Radius, 60 Degree, Steel Cable Tray	83.08	24.23
26 05 36 00-2419	EA	Vertical Divider, 3" Deep, 12" Radius, 90 Degree, Steel Cable Tray	95.34	25.14
26 05 36 00-2420	EA	Vertical Divider, 3" Deep, 24" Radius, 30 Degree, Steel Cable Tray	90.59	25.14
26 05 36 00-2421	EA	Vertical Divider, 3" Deep, 24" Radius, 45 Degree, Steel Cable Tray	98.23	26.19
26 05 36 00-2422	EA	Vertical Divider, 3" Deep, 24" Radius, 60 Degree, Steel Cable Tray	114.44	27.37
26 05 36 00-2423	EA	Vertical Divider, 3" Deep, 24" Radius, 90 Degree, Steel Cable Tray	141.48	28.55
26 05 36 00-2424	EA	Vertical Divider, 3" Deep, 36" Radius, 30 Degree, Steel Cable	112.98	28.55
26 05 36 00-2425	EA	Vertical Divider, 3" Deep, 36" Radius, 45 Degree, Steel Cable Tray	125.88	29.99
26 05 36 00-2426	EA	Vertical Divider, 3" Deep, 36" Radius, 60 Degree, Steel Cable Tray	141.45	31.43
26 05 36 00-2427	EA	Vertical Divider, 3" Deep, 36" Radius, 90 Degree, Steel Cable Tray	178.62	33.14
26 05 36 00-2428		**4" Deep Vertical Dividers** *(26 05 36 00-2410)*		
26 05 36 00-2429	EA	Vertical Divider, 4" Deep, 12" Radius, 30 Degree, Steel Cable Tray	79.61	23.31
26 05 36 00-2430	EA	Vertical Divider, 4" Deep, 12" Radius, 45 Degree, Steel Cable Tray	87.83	24.23
26 05 36 00-2431	EA	Vertical Divider, 4" Deep, 12" Radius, 60 Degree, Steel Cable Tray	95.34	25.14
26 05 36 00-2432	EA	Vertical Divider, 4" Deep, 12" Radius, 90 Degree, Steel Cable Tray	108.92	26.19
26 05 36 00-2433	EA	Vertical Divider, 4" Deep, 24" Radius, 30 Degree, Steel Cable Tray	108.92	26.19
26 05 36 00-2434	EA	Vertical Divider, 4" Deep, 24" Radius, 45 Degree, Steel Cable Tray	127.50	27.37
26 05 36 00-2435	EA	Vertical Divider, 4" Deep, 24" Radius, 60 Degree, Steel Cable Tray	140.29	28.55
26 05 36 00-2436	EA	Vertical Divider, 4" Deep, 24" Radius, 90 Degree, Steel Cable Tray	173.38	29.99
26 05 36 00-2437	EA	Vertical Divider, 4" Deep, 36" Radius, 30 Degree, Steel Cable Tray	121.56	27.37
26 05 36 00-2438	EA	Vertical Divider, 4" Deep, 36" Radius, 45 Degree, Steel Cable Tray	134.35	28.55
26 05 36 00-2439	EA	Vertical Divider, 4" Deep, 36" Radius, 60 Degree, Steel Cable Tray	159.13	29.99
26 05 36 00-2440	EA	Vertical Divider, 4" Deep, 36" Radius, 90 Degree, Steel Cable Tray	200.82	31.43
26 05 36 00-2441		**6" Deep Vertical Dividers** *(26 05 36 00-2410)*		
26 05 36 00-2442	EA	Vertical Divider, 6" Deep, 12" Radius, 30 Degree, Steel Cable Tray	88.14	26.19
26 05 36 00-2443	EA	Vertical Divider, 6" Deep, 12" Radius, 45 Degree, Steel Cable Tray	95.44	27.37
26 05 36 00-2444	EA	Vertical Divider, 6" Deep, 12" Radius, 60 Degree, Steel Cable Tray	104.67	28.55
26 05 36 00-2445	EA	Vertical Divider, 6" Deep, 12" Radius, 90 Degree, Steel Cable Tray	121.13	29.99
26 05 36 00-2446	EA	Vertical Divider, 6" Deep, 24" Radius, 30 Degree, Steel Cable Tray	110.88	27.37
26 05 36 00-2447	EA	Vertical Divider, 6" Deep, 24" Radius, 45 Degree, Steel Cable Tray	129.60	28.55
26 05 36 00-2448	EA	Vertical Divider, 6" Deep, 24" Radius, 60 Degree, Steel Cable Tray	143.70	29.99
26 05 36 00-2449	EA	Vertical Divider, 6" Deep, 24" Radius, 90 Degree, Steel Cable Tray	175.88	31.43
26 05 36 00-2450	EA	Vertical Divider, 6" Deep, 36" Radius, 30 Degree, Steel Cable Tray	123.66	28.55
26 05 36 00-2451	EA	Vertical Divider, 6" Deep, 36" Radius, 45 Degree, Steel Cable Tray	143.70	29.99
26 05 36 00-2452	EA	Vertical Divider, 6" Deep, 36" Radius, 60 Degree, Steel Cable Tray	175.88	31.43
26 05 36 00-2453	EA	Vertical Divider, 6" Deep, 36" Radius, 90 Degree, Steel Cable Tray	214.24	33.14
26 05 36 00-2454		**Horizontal Dividers** *(26 05 36 00-2410)*		
26 05 36 00-2455	EA	3" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	77.41	18.99
26 05 36 00-2456	EA	4" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	86.03	20.95
26 05 36 00-2457	EA	6" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	104.07	23.31
26 05 36 00-2458		**Aluminum Dividers** *(26 05 36 00-2121)*		
26 05 36 00-2459		**Straight Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2460	LF	3" Deep Aluminum Divider Strip, Straight	11.64	3.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2461	LF	4" Deep Aluminum Divider Strip, Straight	13.74	3.28
26 05 36 00-2462	LF	6" Deep Aluminum Divider Strip, Straight	16.94	3.67
26 05 36 00-2463		**3" Deep Vertical Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2464	EA	Vertical Divider, 3" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	62.68	21.74
26 05 36 00-2465	EA	Vertical Divider, 3" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	68.75	22.53
26 05 36 00-2466	EA	Vertical Divider, 3" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	75.38	23.31
26 05 36 00-2467	EA	Vertical Divider, 3" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	86.68	24.23
26 05 36 00-2468	EA	Vertical Divider, 3" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	84.36	24.23
26 05 36 00-2469	EA	Vertical Divider, 3" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	92.90	25.14
26 05 36 00-2470	EA	Vertical Divider, 3" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	107.34	26.19
26 05 36 00-2471	EA	Vertical Divider, 3" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	132.48	27.37
26 05 36 00-2472	EA	Vertical Divider, 3" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	112.78	27.37
26 05 36 00-2473	EA	Vertical Divider, 3" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	134.58	28.55
26 05 36 00-2474	EA	Vertical Divider, 3" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	162.29	29.99
26 05 36 00-2475	EA	Vertical Divider, 3" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	199.56	31.43
26 05 36 00-2476		**4" Deep Vertical Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2477	EA	Vertical Divider, 4" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	74.89	22.53
26 05 36 00-2478	EA	Vertical Divider, 4" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	82.22	23.31
26 05 36 00-2479	EA	Vertical Divider, 4" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	90.16	24.23
26 05 36 00-2480	EA	Vertical Divider, 4" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	101.01	25.14
26 05 36 00-2481	EA	Vertical Divider, 4" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	99.85	25.14
26 05 36 00-2482	EA	Vertical Divider, 4" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	115.46	26.19
26 05 36 00-2483	EA	Vertical Divider, 4" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	130.16	27.37
26 05 36 00-2484	EA	Vertical Divider, 4" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	163.55	28.55
26 05 36 00-2485	EA	Vertical Divider, 4" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	134.00	26.19
26 05 36 00-2486	EA	Vertical Divider, 4" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	161.45	27.37
26 05 36 00-2487	EA	Vertical Divider, 4" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	189.04	28.55
26 05 36 00-2488	EA	Vertical Divider, 4" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	228.35	29.99
26 05 36 00-2489		**6" Deep Vertical Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2490	EA	Vertical Divider, 6" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	82.93	25.14
26 05 36 00-2491	EA	Vertical Divider, 6" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	92.28	26.19
26 05 36 00-2492	EA	Vertical Divider, 6" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	96.56	27.37
26 05 36 00-2493	EA	Vertical Divider, 6" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	107.93	28.55
26 05 36 00-2494	EA	Vertical Divider, 6" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	103.87	26.19
26 05 36 00-2495	EA	Vertical Divider, 6" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	127.85	27.37
26 05 36 00-2496	EA	Vertical Divider, 6" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	138.06	28.55
26 05 36 00-2497	EA	Vertical Divider, 6" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	172.72	29.99
26 05 36 00-2498	EA	Vertical Divider, 6" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	137.12	27.37
26 05 36 00-2499	EA	Vertical Divider, 6" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	170.50	28.55
26 05 36 00-2500	EA	Vertical Divider, 6" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	194.74	29.99
26 05 36 00-2501	EA	Vertical Divider, 6" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	226.21	31.43
26 05 36 00-2502		**Horizontal Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2503	EA	3" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	72.17	17.94
26 05 36 00-2504	EA	4" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	79.09	19.64
26 05 36 00-2505	EA	6" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	97.56	21.74
26 05 36 00-2506		**Cable Tray Wall Brackets** *(26 05 36 00-0001)*		
26 05 36 00-2507		**Wall Brackets** *(26 05 36 00-2506)*		
26 05 36 00-2508	EA	6" Wide Cable Tray Wall Bracket	95.35	26.19
26 05 36 00-2509	EA	9" Wide Cable Tray Wall Bracket	98.78	27.37
26 05 36 00-2510	EA	12" Wide Cable Tray Wall Bracket	108.27	28.55
26 05 36 00-2511	EA	18" Wide Cable Tray Wall Bracket	114.93	29.99
26 05 36 00-2512	EA	24" Wide Cable Tray Wall Bracket	124.82	31.43
26 05 36 00-2513	EA	30" Wide Cable Tray Wall Bracket	148.24	33.14
26 05 36 00-2514	EA	36" Wide Cable Tray Wall Bracket	177.18	35.36

26 05 39 Underfloor Raceways for Electrical Systems *(26 05)*

26 05 39 00-0001 Underfloor Ducts *(26 05 39)*

26 05 39 00-0002 Straight Duct Sections 10' Long, 14 Gauge Steel *(26 05 39 00-0001)*

26 05 39 00-0003 Standard Ducts, 3.8 Square Inches *(26 05 39 00-0002)*

26 05 39 00-0004	EA	Standard Underfloor Straight Duct Blank Without Inserts, 10' Long, 14 Gauge, 3.8 Square Inches	99.15	23.05
26 05 39 00-0005	EA	Standard Underfloor Straight Duct With 7/8" Inserts On 24" Centers, 10' Long, 14 Gauge, 3.8 Square Inches	123.86	26.98

26 05 39 00-0006 Large Capacity Ducts, 8.9 Square Inches *(26 05 39 00-0002)*

26 05 39 00-0007	EA	Large Capacity Underfloor Straight Duct Blank Without Inserts, 10' Long, 14 Gauge, 8.9 Square Inches	160.81	29.20

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 39 00-0008	EA	Large Capacity Underfloor Straight Duct With 7/8" Inserts On 24" Centers, 10' Long, 14 Gauge, 8.9 Square Inches	183.62	32.35
26 05 39 00-0009		**Junction Boxes** *(26 05 39 00-0001)*		
26 05 39 00-0010		**One Level Junction Boxes** *(26 05 39 00-0009)*		
26 05 39 00-0011	EA	1 Level UF Duct Junction Box, 1 Standard Duct Without Partitions In Box	245.77	45.83
26 05 39 00-0012	EA	1 Level UF Duct Junction Box, 1 Large Duct Without Partitions In Box	276.87	49.11
26 05 39 00-0013	EA	1 Level UF Duct Junction Box, 1 Standard And Large Duct Per Side With Partitions In Box Note: Isolate each duct and form a continuous raceway through the box in both directions.	429.49	45.83
26 05 39 00-0014	EA	1 Level UF Duct Junction Box, 2 Standard Ducts Per Side With Partitions In Box	300.83	49.11
26 05 39 00-0015	EA	1 Level UF Duct Junction Box, 3 Standard Ducts Per Side With Partitions In Box	471.08	64.56
26 05 39 00-0016	EA	1 Level UF Duct Junction Box, 2 Large Ducts Per Side With Partitions In Box Duct	651.13	70.19
26 05 39 00-0017		**Two Level Junction Boxes** *(26 05 39 00-0009)*		
26 05 39 00-0018	EA	2 Level UF Duct Junction Box, 2 Standard Duct Cross, Intersects At Right Angles, Raceway Bottom Level Note: Accepts two standard ducts to form a continuous raceway at right angles to the top level raceway.	962.97	46.36
26 05 39 00-0019	EA	2 Level UF Duct Junction Box, 2 Large Duct Bottom Level: Accepts Two Large Capacity Ducts	1,105.96	49.11
26 05 39 00-0020		**Elbow Fittings** *(26 05 39 00-0001)*		
26 05 39 00-0021		**90 Degree Horizontal Elbow** *(26 05 39 00-0020)*		
26 05 39 00-0022	EA	Underfloor Standard Duct Horizontal Elbow Fitting, 90 Degree	117.38	16.89
26 05 39 00-0023	EA	Underfloor Large Duct Horizontal Elbow Fitting, 90 Degree	120.67	16.89
26 05 39 00-0024		**90 Degree Vertical Elbow** *(26 05 39 00-0020)*		
26 05 39 00-0025	EA	Underfloor Standard Duct Vertical Elbow Fitting, 90 Degree	69.46	16.89
26 05 39 00-0026	EA	Underfloor Large Duct Vertical Elbow Fitting, 90 Degree	70.78	16.89
26 05 39 00-0027		**Offset Elbow** *(26 05 39 00-0020)* Note: Two elbows required for crossover or crossunder.		
26 05 39 00-0028	EA	Underfloor Standard Duct Offset Elbow 45 Degree, 2 Required For Over-Under	69.46	19.64
26 05 39 00-0029	EA	Underfloor Large Duct Offset Elbow 45 Degree, 2 Required For Over-Under	70.78	19.64
26 05 39 00-0030		**Couplings** *(26 05 39 00-0001)*		
26 05 39 00-0031		**Sleeve Couplings** *(26 05 39 00-0030)*		
26 05 39 00-0032	EA	Underfloor Standard Duct Sleeve Coupling	48.41	26.19
26 05 39 00-0033	EA	Underfloor Large Duct Sleeve Coupling	76.53	26.19
26 05 39 00-0034		**Expansion Couplings** *(26 05 39 00-0030)*		
26 05 39 00-0035	EA	Underfloor Standard Duct Expansion Coupling	101.26	26.19
26 05 39 00-0036	EA	Underfloor Large Duct Expansion Coupling	102.90	27.64
26 05 39 00-0037		**Reducing Couplings** *(26 05 39 00-0030)*		
26 05 39 00-0038	EA	Reducing Coupling, Large To Standard Duct Underfloor Duct Coupling	86.00	3.93
26 05 39 00-0039		**Duct Supports** *(26 05 39 00-0001)*		
26 05 39 00-0040		**Combination Support And Coupling** *(26 05 39 00-0039)* Note: Includes leveling legs and anchoring feet.		
26 05 39 00-0041	EA	1 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	111.71	55.00
26 05 39 00-0042	EA	2 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	125.10	55.00
26 05 39 00-0043	EA	3 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	138.59	55.00
26 05 39 00-0044	EA	1 Large Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	125.10	61.56
26 05 39 00-0045	EA	2 Large Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	152.39	61.56
26 05 39 00-0046	EA	1 Standard And 1 Large Duct Support And Coupling With Leveling Legs And Anchor Feet	138.59	65.48
26 05 39 00-0047	EA	2 Standard And 1 Large Duct Support And Coupling With Leveling Legs And Anchor Feet	138.59	65.48
26 05 39 00-0048	EA	1 Standard And 2 Large Duct Support And Coupling With Leveling Legs And Anchor Feet	152.39	65.48
26 05 39 00-0049		**Duct Support Only** *(26 05 39 00-0039)* Note: Includes leveling legs and anchoring feet.		
26 05 39 00-0050	EA	1 Underfloor Duct Support Only With Leveling Legs And Anchor Feet	99.71	48.46
26 05 39 00-0051	EA	2 Underfloor Duct Support Only With Leveling Legs And Anchor Feet	117.12	48.46
26 05 39 00-0052	EA	3 Underfloor Duct Support Only With Leveling Legs And Anchor Feet	135.54	48.46
26 05 39 00-0053		**Underfloor Duct Accessories** *(26 05 39 00-0001)*		
26 05 39 00-0054		**Plugs For Unused Junction Box Openings And Duct Ends** *(26 05 39 00-0053)*		
26 05 39 00-0055	EA	Standard Plugs For Unused Junction Box Opening And Underfloor Duct Ends	31.17	3.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 39 00-0056	EA	Large Plugs For Unused Junction Box Opening And Underfloor Duct Ends	31.86	3.93
26 05 39 00-0057		**Conduit Adapters** *(26 05 39 00-0053)*		
26 05 39 00-0058	EA	One 1-1/4" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	34.87	6.54
26 05 39 00-0059	EA	Two 1-1/4" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	37.22	6.54
26 05 39 00-0060	EA	One 2" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	36.23	6.54
26 05 39 00-0061	EA	Three 1-1/4" Conduit To Large Duct Underfloor Conduit To Duct, Adapter	37.60	6.54
26 05 39 00-0062		**Holders And Caps** *(26 05 39 00-0053)*		
26 05 39 00-0063	EA	Tile Holder, Underfloor Duct Accessories	234.75	55.00
26 05 39 00-0064	EA	Terrazzo Holder, Underfloor Duct Accessories	424.60	55.00
26 05 39 00-0065	EA	Closing Caps For Inserts, Underfloor Duct Accessories	3.16	1.31
26 05 39 00-0066		**Underfloor Dust Pans** *(26 05 39 00-0001)*		
26 05 39 00-0067	EA	Underfloor Dust Carpet Pan	93.92	7.18

26 05 43 Underground Ducts and Raceways for Electrical Systems *(26 05)*

Note: Includes warning tape. See CSI section 33 71 19 23-0000 for underground trenched ductbank.

26 05 53 Identification for Electrical Systems *(26 05)*

26 05 53 00-0001		**Conduit Markers Pressure-Sensitive** *(26 05 53)* Note: Stick-on, includes arrow tape.		
26 05 53 00-0002	EA	1/2" Outside Diameter Pressure Sensitive Marker Stick-on	14.94	
26 05 53 00-0003	EA	3/4" Outside Diameter Pressure Sensitive Marker Stick-on	15.60	
26 05 53 00-0004	EA	1" Outside Diameter Pressure Sensitive Marker Stick-on	16.92	
26 05 53 00-0005	EA	1-1/4" Outside Diameter Pressure Sensitive Marker Stick-on	17.18	
26 05 53 00-0006	EA	1-1/2" Outside Diameter Pressure Sensitive Marker Stick-on	17.44	
26 05 53 00-0007	EA	2" Outside Diameter Pressure Sensitive Marker Stick-on	17.84	
26 05 53 00-0008	EA	2-1/2" Outside Diameter Pressure Sensitive Marker Stick-on	21.04	
26 05 53 00-0009	EA	3" Outside Diameter Pressure Sensitive Marker Stick-on	21.56	
26 05 53 00-0010	EA	3-1/2" Outside Diameter Pressure Sensitive Marker Stick-on	21.96	
26 05 53 00-0011	EA	4" Outside Diameter Pressure Sensitive Marker Stick-on	22.36	
26 05 53 00-0012	EA	4-1/2" Outside Diameter Pressure Sensitive Marker Stick-on	23.18	
26 05 53 00-0013	EA	5" Outside Diameter Pressure Sensitive Marker Stick-on	24.06	
26 05 53 00-0014	EA	6" Outside Diameter Pressure Sensitive Marker Stick-on	24.83	
26 05 53 00-0015	EA	7" Outside Diameter Pressure Sensitive Marker Stick-on	25.61	
26 05 53 00-0016	EA	8" Outside Diameter Pressure Sensitive Marker Stick-on	28.19	
26 05 53 00-0017	EA	10" Outside Diameter Pressure Sensitive Marker Stick-on	29.63	
26 05 53 00-0018		**Labeling Existing Electrical Wires** *(26 05 53)* Note: Self-adhesive vinyl coated white cloth		
26 05 53 00-0019	EA	Labeling Existing Wire	4.06	
26 05 53 00-0020		**Equipment Labeling** *(26 05 53)*		
26 05 53 00-0021	EA	Label Both Ends Of One 4 Pair Cable	14.72	
26 05 53 00-0022	EA	Label single gang face plate (2 labels required)	13.85	
26 05 53 00-0023	EA	Label two gang face plate (4 labels required)	19.92	
26 05 53 00-0024	EA	Label both ends of a Siamese (dual 4 Pair cable)	14.72	

26 05 83 Wiring Connections *(26 05)*

26 05 83 00-0001		**Tape Wrapped Compression Connectors** *(26 05 83)*		
26 05 83 00-0002	EA	#6 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	17.94	5.89
26 05 83 00-0003	EA	#4 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	19.70	6.54
26 05 83 00-0004	EA	#2 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	21.40	7.20
26 05 83 00-0005	EA	1/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	24.84	7.86
26 05 83 00-0006	EA	2/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	26.72	8.52
26 05 83 00-0007	EA	3/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	29.68	9.17
26 05 83 00-0008	EA	4/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	31.82	9.82
26 05 83 00-0009	EA	250 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	34.69	10.48
26 05 83 00-0010	EA	300 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	38.38	11.78
26 05 83 00-0011	EA	350 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	40.24	12.45
26 05 83 00-0012	EA	400 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	44.93	13.10
26 05 83 00-0013	EA	500 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	49.01	13.75
26 05 83 00-0014	EA	750 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	54.82	15.06
26 05 83 00-0015	EA	1,000 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	63.69	17.02
26 05 83 00-0016		**One Hole Compression Lugs** *(26 05 83)*		
26 05 83 00-0017	EA	#22-18 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	22.82	17.02
26 05 83 00-0018	EA	#16-14 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	23.00	17.02
26 05 83 00-0019	EA	#12-10 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	26.05	18.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 00-0020	EA	#8 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	32.48	20.30
26 05 83 00-0021	EA	#6 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	45.49	26.19
26 05 83 00-0022	EA	#4 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	53.09	26.19
26 05 83 00-0023	EA	#2 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	61.11	26.19
26 05 83 00-0024	EA	1/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	75.10	39.29
26 05 83 00-0025	EA	2/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	87.87	39.29
26 05 83 00-0026	EA	3/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	102.77	39.29
26 05 83 00-0027	EA	4/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	123.85	52.39
26 05 83 00-0028	EA	250 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	146.85	78.58
26 05 83 00-0029	EA	300 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	168.02	78.58
26 05 83 00-0030	EA	350 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	180.51	78.58
26 05 83 00-0031	EA	400 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	196.76	91.67
26 05 83 00-0032	EA	500 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	215.18	91.67
26 05 83 00-0033	EA	750 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	233.76	104.76
26 05 83 00-0034	EA	1,000 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	275.66	117.86
26 05 83 00-0035		**Tape Wrapped Split Bolt Connectors** *(26 05 83)*		
26 05 83 00-0036	EA	#8 AWG Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	69.37	52.39
26 05 83 00-0037	EA	#6 AWG Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	76.28	56.32
26 05 83 00-0038	EA	#4 AWG Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	86.99	58.93
26 05 83 00-0039	EA	#2 AWG Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	101.22	65.48
26 05 83 00-0040	EA	1/0 AWG Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	119.71	72.03
26 05 83 00-0041	EA	2/0 AWG Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	134.91	78.58
26 05 83 00-0042	EA	3/0 AWG Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	168.89	85.12
26 05 83 00-0043	EA	4/0 AWG Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	181.23	91.67
26 05 83 00-0044	EA	250 MCM Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	191.10	98.22
26 05 83 00-0045	EA	300 MCM Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	219.05	108.04
26 05 83 00-0046	EA	350 MCM Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	247.01	157.15
26 05 83 00-0047	EA	400 MCM Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	270.93	130.96
26 05 83 00-0048	EA	500 MCM Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	294.83	176.79
26 05 83 00-0049	EA	750 MCM Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	328.97	183.35
26 05 83 00-0050	EA	1,000 MCM Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	374.46	196.44
26 05 83 00-0051		**Cable Termination Lugs Handwrapped, No Stress Cone** *(26 05 83)*		
26 05 83 00-0052	EA	#8 Or #6 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	117.22	52.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.50*	
26 05 83 00-0053	EA	#4 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	130.12	52.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.18*	
26 05 83 00-0054	EA	1/0 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	179.91	78.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.65*	
26 05 83 00-0055	EA	4/0 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	203.84	78.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.37*	
26 05 83 00-0056	EA	300 MCM Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	244.29	98.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.53*	
26 05 83 00-0057	EA	500 MCM Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	342.07	130.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.85*	
26 05 83 00-0058		**Parallel Gutter Tap Or Motor Connection** *(26 05 83)*		
26 05 83 00-0059	EA	#8 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	46.71	23.71
26 05 83 00-0060	EA	#6 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	50.25	23.71
26 05 83 00-0061	EA	#4 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	52.88	23.71
26 05 83 00-0062	EA	#2 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	60.86	27.24
26 05 83 00-0063	EA	1/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	74.84	34.05
26 05 83 00-0064	EA	2/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	87.60	40.46
26 05 83 00-0065	EA	3/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	102.47	47.41
26 05 83 00-0066	EA	4/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	123.51	57.49
26 05 83 00-0067	EA	250 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	146.45	68.23
26 05 83 00-0068	EA	300 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	167.56	77.92
26 05 83 00-0069	EA	350 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	180.04	83.94
26 05 83 00-0070	EA	400 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	196.19	90.89
26 05 83 00-0071	EA	500 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	214.55	99.26
26 05 83 00-0072	EA	750 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	215.12	99.26
26 05 83 00-0073	EA	#8 AWG Parallel Gutter Tap, Versitap, Insulating Cover	46.71	23.71
26 05 83 00-0074	EA	#6 AWG Parallel Gutter Tap, Versitap, Insulating Cover	50.25	23.71
26 05 83 00-0075	EA	#4 AWG Parallel Gutter Tap, Versitap, Insulating Cover	52.88	23.71
26 05 83 00-0076	EA	#2 AWG Parallel Gutter Tap, Versitap, Insulating Cover	60.86	27.24
26 05 83 00-0077	EA	1/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	74.84	34.05
26 05 83 00-0078	EA	2/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	87.60	40.46
26 05 83 00-0079	EA	3/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	102.47	47.41
26 05 83 00-0080	EA	4/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	123.51	57.49
26 05 83 00-0081	EA	250 MCM Parallel Gutter Tap, Versitap, Insulating Cover	146.45	68.23
26 05 83 00-0082	EA	300 MCM Parallel Gutter Tap, Versitap, Insulating Cover	167.56	77.92
26 05 83 00-0083	EA	350 MCM Parallel Gutter Tap, Versitap, Insulating Cover	180.04	83.94
26 05 83 00-0084	EA	400 MCM Parallel Gutter Tap, Versitap, Insulating Cover	196.19	90.89
26 05 83 00-0085	EA	500 MCM Parallel Gutter Tap, Versitap, Insulating Cover	214.55	99.26
26 05 83 00-0086	EA	750 MCM Parallel Gutter Tap, Versitap, Insulating Cover	215.12	99.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 00-0087		**Copper Mechanical Lugs** *(26 05 83)*		
26 05 83 00-0088	EA	#8 Copper Mechanical Lugs	37.80	16.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.82*	
26 05 83 00-0089	EA	#6 Copper Mechanical Lugs	45.33	19.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.86*	
26 05 83 00-0090	EA	#4 Copper Mechanical Lugs	52.35	22.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.75*	
26 05 83 00-0091	EA	#2 Copper Mechanical Lugs	68.72	29.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.54*	
26 05 83 00-0092	EA	1/0 Copper Mechanical Lugs	92.57	39.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.57*	
26 05 83 00-0093	EA	2/0 Copper Mechanical Lugs	110.70	45.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.38*	
26 05 83 00-0094	EA	3/0 Copper Mechanical Lugs	129.71	52.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.43*	
26 05 83 00-0095	EA	4/0 Copper Mechanical Lugs	147.89	58.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.25*	
26 05 83 00-0096	EA	250 MCM Copper Mechanical Lugs	169.84	65.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.29*	
26 05 83 00-0097	EA	300 MCM Copper Mechanical Lugs	191.47	72.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.23*	
26 05 83 00-0098	EA	350 MCM Copper Mechanical Lugs	213.04	78.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.15*	
26 05 83 00-0099	EA	400 MCM Copper Mechanical Lugs	234.44	85.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.04*	
26 05 83 00-0100	EA	500 MCM Copper Mechanical Lugs	256.19	91.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.00*	
26 05 83 00-0101	EA	750 MCM Copper Mechanical Lugs	290.19	104.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.66*	
26 05 83 00-0102	EA	1,000 MCM Copper Mechanical Lugs	328.65	117.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.72*	
26 05 83 00-0103		**Gel Connectors** *(26 05 83)*		
26 05 83 00-0104	EA	3 Port, #14 to 2/0, Push On Gel Stub Splice Kit Note: Kit contains connector, gel filled cap and cap clamp.	71.52	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.94*	
26 05 83 00-0105	EA	4 Port, #14 to 2, Gel Tap Splice Kit	69.00	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.72*	
26 05 83 00-0106		**Other Connections** *(26 05 83)*		
26 05 83 00-0107	EA	#14 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape	13.15	5.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.59*	
26 05 83 00-0108	EA	#12 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape	13.27	5.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.59*	
26 05 83 00-0109	EA	#10 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape	13.39	5.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.59*	
26 05 83 00-0110		**Motor/Equipment Connections And Terminations** *(26 05 83)* Note: Includes rotation testing. If equipment rating is other than horsepower (KW, CFM, tons, Btu/Hr, etc.) convert units to horsepower and select proper circuit characteristics. Includes material conduit (6 LF max.), connectors and conductors. To connect electrical wiring to all new or existing equipment motors. See CSI section 23 05 13 00-0000 for motors, 23 05 13 00-0216 for motor mounting.		
26 05 83 00-0111		**AC Single Phase, 230 Volt** *(26 05 83 00-0110)*		
26 05 83 00-0112	EA	<1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	84.28	32.74
26 05 83 00-0113	EA	1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	83.65	32.74
26 05 83 00-0114	EA	3/4 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	97.50	39.29
26 05 83 00-0115	EA	1 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	118.54	49.11
26 05 83 00-0116	EA	1-1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	119.80	49.11
26 05 83 00-0117	EA	2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	120.05	49.11
26 05 83 00-0118	EA	3 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	124.21	49.11
26 05 83 00-0119	EA	5 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	157.46	65.48
26 05 83 00-0120	EA	7-1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	162.13	65.48
26 05 83 00-0121	EA	10 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	205.34	81.85
26 05 83 00-0122		**AC Three Phase, 230 Volt** *(26 05 83 00-0110)*		
26 05 83 00-0123	EA	1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	83.65	32.74
26 05 83 00-0124	EA	3/4 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	97.50	39.29
26 05 83 00-0125	EA	1 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	118.54	49.11
26 05 83 00-0126	EA	1-1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	119.80	49.11
26 05 83 00-0127	EA	2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	120.05	49.11
26 05 83 00-0128	EA	3 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	124.21	49.11
26 05 83 00-0129	EA	5 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	157.46	65.48
26 05 83 00-0130	EA	7-1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	162.13	65.48
26 05 83 00-0131	EA	10 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	205.34	81.85
26 05 83 00-0132	EA	15 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	211.65	81.85
26 05 83 00-0133	EA	20 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	269.24	98.22
26 05 83 00-0134	EA	25 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	278.85	98.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 00-0135	EA	30 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	381.80	130.96
26 05 83 00-0136	EA	40 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	478.83	163.70
26 05 83 00-0137	EA	50 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	562.74	196.44
26 05 83 00-0138	EA	60 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	671.86	229.18
26 05 83 00-0139	EA	75 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	772.94	261.92
26 05 83 00-0140	EA	100 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	958.28	327.40
26 05 83 00-0141	EA	125 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	1,130.46	389.61
26 05 83 00-0142	EA	150 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	1,341.89	454.43
26 05 83 00-0143	EA	200 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	1,897.45	681.51
26 05 83 00-0144		AC Three Phase, 460 Volt *(26 05 83 00-0110)*		
26 05 83 00-0145	EA	1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	83.65	32.74
26 05 83 00-0146	EA	3/4 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	97.50	39.29
26 05 83 00-0147	EA	1 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	118.54	49.11
26 05 83 00-0148	EA	1-1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	119.80	49.11
26 05 83 00-0149	EA	2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	120.05	49.11
26 05 83 00-0150	EA	3 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	124.21	49.11
26 05 83 00-0151	EA	5 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	157.46	65.48
26 05 83 00-0152	EA	7-1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	162.13	65.48
26 05 83 00-0153	EA	10 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	205.34	81.85
26 05 83 00-0154	EA	15 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	211.65	81.85
26 05 83 00-0155	EA	20 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	269.26	98.22
26 05 83 00-0156	EA	25 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	278.83	98.22
26 05 83 00-0157	EA	30 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	381.80	130.96
26 05 83 00-0158	EA	40 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	479.22	163.97
26 05 83 00-0159	EA	50 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	562.74	196.44
26 05 83 00-0160	EA	60 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	671.86	229.18
26 05 83 00-0161	EA	75 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	772.94	261.92
26 05 83 00-0162	EA	100 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	958.28	327.40
26 05 83 00-0163	EA	125 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	1,130.83	389.74
26 05 83 00-0164	EA	150 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	1,342.40	454.69
26 05 83 00-0165	EA	200 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	1,898.58	682.05
26 05 83 00-0166		AC Single Phase, 120 Volt *(26 05 83 00-0110)*		
26 05 83 00-0167	EA	1/2 HP AC And Less Single Phase, 120 Volt Motor/Equipment, Connection, Termination And Rotation Testing	84.28	32.74
26 05 83 00-0168		Motor Moisture Sensor *(26 05 83 00-0110)*		
26 05 83 00-0169	EA	Motor Moisture Sensor Located In Winding	878.80	

26 09 Instrumentation and Control for Electrical Systems *(26)*

Note: Includes testing of new devices and certification.

26 09 13 Electrical Power Monitoring *(26 09)*

26 09 13 00-0001		Vending Machine Energy Usage Controls *(26 09 13)*		
26 09 13 00-0002	EA	Wallmount VendingMiser® With PIR Occupany Sensor (Energy Miser VM150)	453.57	13.12
26 09 13 00-0003	EA	Wallmount VendingMiser® With 14' Data Cable (Energy Miser VM151)	402.94	6.55
26 09 13 00-0004	EA	Weatherproof Wallmount VendingMiser® With PIR Occupany Sensor (Energy Miser VM151)	475.86	13.12
26 09 13 00-0005	EA	Weatherproof Wallmount VendingMiser® With 14' Data Cable (Energy Miser VM161)	425.23	6.55
26 09 13 00-0006	EA	Velcro Mounted Easy-Install VendingMiser® With PIR Occupany Sensor (Energy Miser VM170)	440.46	10.50
26 09 13 00-0007	EA	Velcro Mounted Easy-Install VendingMiser® With 14' Data Cable (Energy Miser VM171)	396.38	5.25
26 09 13 00-0008	EA	Weatherproof Velcro Mounted Easy-Install VendingMiser® With PIR Occupany Sensor (Energy Miser VM180)	462.75	10.50
26 09 13 00-0009	EA	Weatherproof Velcro Mounted Easy-Install VendingMiser® With 14' Data Cable (Energy Miser VM181)	418.67	5.25
26 09 13 00-0010	EA	Wallmount CoolerMiser With PIR Occupany Sensor (Energy Miser CM150)	411.20	13.12
26 09 13 00-0011	EA	Wallmount CoolerMiser With 14' Data Cable (Energy Miser CM151)	360.57	6.55
26 09 13 00-0012	EA	Velcro Mounted Easy-Install CoolerMiser With PIR Occupany Sensor (Energy Miser CM170)	398.09	10.50
26 09 13 00-0013	EA	Velcro Mounted Easy-Install CoolerMiser With 14' Data Cable (Energy Miser CM171)	354.01	5.25
26 09 13 00-0014	EA	Wallmount SnackMiser With PIR Occupany Sensor (Energy Miser SM150)	411.20	13.12
26 09 13 00-0015	EA	Wallmount SnackMiser With 14' Data Cable (Energy Miser SM151)	360.57	6.55
26 09 13 00-0016	EA	Velcro Mounted Easy-Install SnackMiser With PIR Occupany Sensor (Energy Miser SM170)	398.09	10.50
26 09 13 00-0017	EA	Velcro Mounted Easy-Install SnackMiser With 14' Data Cable (Energy Miser SM171)	354.01	5.25
26 09 13 00-0018	EA	1200 Watt, Multi Plug Load, Wallmount PlugMiser With PIR Occupany Sensor (Energy Miser PM150)	411.20	13.12
26 09 13 00-0019	EA	1200 Watt, Multi Plug Load, Wallmount PlugMiser With 14' Data Cable (Energy Miser PM151)	360.57	6.55
26 09 13 00-0020	EA	1200 Watt, Multi Plug Load, Table Leg Mount PlugMiser With PIR Occupany Sensor (Energy Miser PM190)	411.20	13.12
26 09 13 00-0021	EA	Wattsup Line Logger (Energy Miser 60500)	310.20	19.67
26 09 13 00-0022	EA	Wattsup Pro Line Logger (Energy Miser 60501)	388.24	19.67
26 09 13 00-0023	EA	Test Drive Kit And Wallmount VendingMiser® With PIR Occupany Sensor (Energy Miser TD150)	742.13	26.23
26 09 13 00-0024	EA	Test Drive Kit And Velcro Mounted Easy-Install VendingMiser® With PIR Occupany Sensor (Energy Miser TD170)	729.01	23.60
26 09 13 00-0025		Work Station Energy Usage Controls *(26 09 13)*		
26 09 13 00-0026	EA	Power Strip With Personal Sensor (Wattstopper IDP-3050-A)	195.71	13.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 09 23 Lighting Control Devices *(26 09)*

26 09 23 00-0001 Lighting Contactors *(26 09 23)*

Note: Up to 600 volt.

26 09 23 00-0002 Electrically Held, Lighting Contactors *(26 09 23 00-0001)*

26 09 23 00-0003 NEMA 1 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0002)*

26 09 23 00-0004 2-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0003)*

26 09 23 00-0005	EA	20 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	595.42	104.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.86*	
26 09 23 00-0006	EA	30 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	740.37	117.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.72*	
26 09 23 00-0007	EA	60 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	1,400.35	183.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*110.01*	
26 09 23 00-0008	EA	100 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	2,194.97	248.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*149.30*	
26 09 23 00-0009	EA	200 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	4,646.32	327.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*196.44*	

26 09 23 00-0010 3-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0003)*

26 09 23 00-0011	EA	20 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	672.59	117.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.72*	
26 09 23 00-0012	EA	30 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	811.09	130.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.58*	
26 09 23 00-0013	EA	60 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	1,512.11	209.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*125.72*	
26 09 23 00-0014	EA	100 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	2,368.22	275.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*165.01*	
26 09 23 00-0015	EA	200 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	4,984.26	360.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*216.08*	

26 09 23 00-0016 4-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0003)*

26 09 23 00-0017	EA	20 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	794.96	130.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.58*	
26 09 23 00-0018	EA	30 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	959.19	144.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.43*	
26 09 23 00-0019	EA	60 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	1,835.88	235.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*141.44*	
26 09 23 00-0020	EA	100 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	2,843.61	301.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*180.73*	
26 09 23 00-0021	EA	200 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	6,388.74	392.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*235.73*	

26 09 23 00-0022 NEMA 3R Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0002)*

26 09 23 00-0023 2-Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0022)*

26 09 23 00-0024	EA	30 Amperes, 2 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	1,214.83	117.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.72*	
26 09 23 00-0025	EA	60 Amperes, 2 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	2,512.70	183.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*110.01*	
26 09 23 00-0026	EA	100 Amperes, 2 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	3,810.56	248.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*149.30*	

26 09 23 00-0027 3-Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0022)*

26 09 23 00-0028	EA	30 Amperes, 3 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	1,775.94	130.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.58*	
26 09 23 00-0029	EA	60 Amperes, 3 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	2,748.34	209.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*125.72*	
26 09 23 00-0030	EA	100 Amperes, 3 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	4,198.73	275.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*165.01*	
26 09 23 00-0031	EA	200 Amperes, 3 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	9,973.68	360.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*216.08*	

26 09 23 00-0032 4-Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0022)*

26 09 23 00-0033	EA	30 Amperes, 4 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	1,658.27	144.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.43*	
26 09 23 00-0034	EA	60 Amperes, 4 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	2,736.42	235.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*141.44*	
26 09 23 00-0035	EA	100 Amperes, 4 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	3,762.20	301.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*180.73*	

26 09 23 00-0036 NEMA 4 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0002)*

26 09 23 00-0037 2-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0036)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0038	EA	20 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	1,005.63	104.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.86*	
26 09 23 00-0039	EA	30 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	1,284.23	117.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.72*	
26 09 23 00-0040	EA	60 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	2,484.90	183.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*110.01*	
26 09 23 00-0041	EA	100 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	3,735.39	248.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*149.30*	
26 09 23 00-0042	EA	200 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	7,275.53	327.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*196.44*	
26 09 23 00-0043		**3-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors** *(26 09 23 00-0036)*		
26 09 23 00-0044	EA	20 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	1,039.93	117.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.72*	
26 09 23 00-0045	EA	30 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	1,354.95	130.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.58*	
26 09 23 00-0046	EA	60 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	2,599.84	209.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*125.72*	
26 09 23 00-0047	EA	100 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	3,907.58	275.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*165.01*	
26 09 23 00-0048	EA	200 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	7,612.41	360.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*216.08*	
26 09 23 00-0049		**4-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors** *(26 09 23 00-0036)*		
26 09 23 00-0050	EA	20 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	1,122.90	130.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.58*	
26 09 23 00-0051	EA	30 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	1,503.06	144.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.43*	
26 09 23 00-0052	EA	60 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	3,346.62	235.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*141.44*	
26 09 23 00-0053	EA	100 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	4,805.97	301.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*180.73*	
26 09 23 00-0054	EA	200 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	10,183.07	392.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*235.73*	
26 09 23 00-0055		**NEMA 12/3R Enclosure, Electrically Held, Lighting Contactors** *(26 09 23 00-0002)*		
26 09 23 00-0056		**2-Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactors** *(26 09 23 00-0055)*		
26 09 23 00-0057	EA	60 Amperes, 2 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor	3,843.75	183.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*110.01*	
26 09 23 00-0058	EA	100 Amperes, 2 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor	5,464.88	248.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*149.30*	
26 09 23 00-0059	EA	200 Amperes, 2 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor	5,038.80	327.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*196.44*	
26 09 23 00-0060		**3-Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactors** *(26 09 23 00-0055)*		
26 09 23 00-0061	EA	60 Amperes, 3 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor	4,095.46	209.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*125.72*	
26 09 23 00-0062	EA	100 Amperes, 3 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor	5,802.01	275.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*165.01*	
26 09 23 00-0063		**4-Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactors** *(26 09 23 00-0055)*		
26 09 23 00-0064	EA	60 Amperes, 4 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor	1,998.80	235.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*141.44*	
26 09 23 00-0065	EA	100 Amperes, 4 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor	2,784.35	301.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*180.73*	
26 09 23 00-0066		**Mechanically Held, Lighting Contactors** *(26 09 23 00-0001)*		
26 09 23 00-0067		**NEMA 1 Enclosure, Mechanically Held, Lighting Contactors** *(26 09 23 00-0066)*		
26 09 23 00-0068		**2-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors** *(26 09 23 00-0067)*		
26 09 23 00-0069	EA	20 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	894.38	104.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.86*	
26 09 23 00-0070	EA	30 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	1,018.13	117.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.72*	
26 09 23 00-0071	EA	60 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	1,941.03	183.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*110.01*	
26 09 23 00-0072	EA	100 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	2,707.03	248.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*149.30*	
26 09 23 00-0073	EA	200 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	6,308.66	327.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*196.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0074		3-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0067)*		
26 09 23 00-0075	EA	20 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	954.18	117.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.72*	
26 09 23 00-0076	EA	30 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	1,090.97	130.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.58*	
26 09 23 00-0077	EA	60 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	2,055.97	209.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*125.72*	
26 09 23 00-0078	EA	100 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	2,881.34	275.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*165.01*	
26 09 23 00-0079	EA	200 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	7,097.17	360.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*216.08*	
26 09 23 00-0080		4-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0067)*		
26 09 23 00-0081	EA	20 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	1,029.04	130.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.58*	
26 09 23 00-0082	EA	30 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	1,161.69	144.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.43*	
26 09 23 00-0083	EA	60 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	2,408.37	235.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*141.44*	
26 09 23 00-0084	EA	100 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	3,387.47	301.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*180.73*	
26 09 23 00-0085	EA	200 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	8,581.16	392.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*235.73*	
26 09 23 00-0086		NEMA 4 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0066)*		
26 09 23 00-0087		2-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0086)*		
26 09 23 00-0088	EA	20 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,356.74	104.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.86*	
26 09 23 00-0089	EA	30 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,562.00	117.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.72*	
26 09 23 00-0090	EA	60 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	3,028.76	183.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*110.01*	
26 09 23 00-0091	EA	100 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	4,247.45	248.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*149.30*	
26 09 23 00-0092	EA	200 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	8,935.75	327.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*196.44*	
26 09 23 00-0093		3-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0086)*		
26 09 23 00-0094	EA	20 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,431.60	117.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.72*	
26 09 23 00-0095	EA	30 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,634.83	130.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.58*	
26 09 23 00-0096	EA	60 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	3,143.70	209.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*125.72*	
26 09 23 00-0097	EA	100 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	4,422.82	275.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*165.01*	
26 09 23 00-0098	EA	200 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	9,726.38	360.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*216.08*	
26 09 23 00-0099		4-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0086)*		
26 09 23 00-0100	EA	20 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,512.25	130.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.58*	
26 09 23 00-0101	EA	30 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,705.55	144.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.43*	
26 09 23 00-0102	EA	60 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	3,919.11	235.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*141.44*	
26 09 23 00-0103	EA	100 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	5,349.84	301.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*180.73*	
26 09 23 00-0104	EA	200 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	12,298.10	392.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*235.73*	
26 09 23 00-0105		NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0066)*		
26 09 23 00-0106		2-Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0105)*		
26 09 23 00-0107	EA	30 Amperes, 2 Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactor	1,014.31	117.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.72*	
26 09 23 00-0108	EA	60 Amperes, 2 Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactor	1,903.35	209.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*110.01*	
26 09 23 00-0109	EA	100 Amperes, 2 Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactor	2,594.33	248.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*149.30*	
26 09 23 00-0110	EA	200 Amperes, 2 Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactor	6,252.48	327.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*196.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0111		3-Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0105)*		
26 09 23 00-0112	EA	30 Amperes, 3 Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactor	1,075.50	130.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.58*	
26 09 23 00-0113		4-Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0105)*		
26 09 23 00-0114	EA	200 Amperes, 4 Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactor	8,475.86	392.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*235.73*	
26 09 23 00-0115		Combination Lighting Contactors *(26 09 23)*		
		Note: Up to 600 volt.		
26 09 23 00-0116		Electrically Held, Combination Lighting Contactors *(26 09 23 00-0115)*		
26 09 23 00-0117		NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactors *(26 09 23 00-0116)*		
26 09 23 00-0118		3-Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactors *(26 09 23 00-0117)*		
26 09 23 00-0119	EA	30 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	1,743.19	144.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.43*	
26 09 23 00-0120	EA	60 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	2,731.85	230.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*138.29*	
26 09 23 00-0121	EA	100 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	4,431.18	302.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*181.51*	
26 09 23 00-0122	EA	200 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	8,134.48	396.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*237.69*	
26 09 23 00-0123		NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactors *(26 09 23 00-0116)*		
26 09 23 00-0124		3-Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactors *(26 09 23 00-0123)*		
26 09 23 00-0125	EA	30 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	3,191.90	144.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.43*	
26 09 23 00-0126	EA	60 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	4,964.56	230.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*138.29*	
26 09 23 00-0127	EA	100 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	8,327.28	302.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*181.51*	
26 09 23 00-0128	EA	200 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	13,118.32	396.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*237.69*	
26 09 23 00-0129		Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0115)*		
26 09 23 00-0130		NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0129)*		
26 09 23 00-0131		3-Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0130)*		
26 09 23 00-0132	EA	30 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	1,908.57	144.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.43*	
26 09 23 00-0133	EA	60 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	3,304.34	230.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*138.29*	
26 09 23 00-0134	EA	100 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	4,973.45	302.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*181.51*	
26 09 23 00-0135	EA	200 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	9,675.43	396.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*237.69*	
26 09 23 00-0136		NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0129)*		
26 09 23 00-0137		3-Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0136)*		
26 09 23 00-0138	EA	30 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	3,358.88	144.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0139	EA	60 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	5,540.23	230.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*138.29*	
26 09 23 00-0140	EA	100 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	8,871.15	302.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*181.51*	
26 09 23 00-0141	EA	200 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	14,659.27	396.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*237.69*	
26 09 23 00-0142		**Photo-Cell, Relay, Lighting Arrester, Receptacle And Bracket** *(26 09 23)*		
26 09 23 00-0143	EA	105 To 130 Volt Relay, Photo-Cell, Lighting Arrester, Receptacle And Bracket	144.78	34.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.46*	
26 09 23 00-0144	EA	105 To 285 Volt Relay, Photo-Cell, Lighting Arrester, Receptacle And Bracket	157.47	34.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.46*	
26 09 23 00-0145		**Dimming Module System (Lutron Grafik Eye)** *(26 09 23)*		
26 09 23 00-0146	EA	2,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-2)	1,851.65	130.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.58*	
26 09 23 00-0147	EA	4,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-4)	2,391.57	130.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.58*	
26 09 23 00-0148	EA	6,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-6)	2,941.12	130.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.58*	
26 09 23 00-0149		**Dimming Module Contol (Leviton)** *(26 09 23)*		
26 09 23 00-0150	EA	5 Amperes, Wireless Dimming Module (Leviton WSD05-9D0)	239.55	16.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.84*	
26 09 23 00-0151		**Light Control Panels** *(26 09 23)*		
26 09 23 00-0152		**Lighting Control Panels (Watt Stopper)** *(26 09 23 00-0151)*		
26 09 23 00-0153		**Lighting Control Panels (Watt Stopper)** *(26 09 23 00-0152)*		
26 09 23 00-0154	EA	4 Relays, Surface Mount, Lighting Control Panel (Watt Stopper LP8S-4)	2,114.89	183.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*110.17*	
26 09 23 00-0155	EA	8 Relays, Surface Mount, Lighting Control Panel (Watt Stopper LP8S-8)	1,982.15	196.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.04*	
26 09 23 00-0156	EA	8 Relays, Surface Mount, Lighting Control Panel With Group Switching Card (Watt Stopper LP8S-8-G)	2,230.50	196.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.04*	
26 09 23 00-0157	EA	8 Relays, Surface Mount, Lighting Control Panel With DIN Rail (Watt Stopper LP24S-8)	3,341.92	196.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.04*	
26 09 23 00-0158	EA	8 Relays, Surface Mount, Lighting Control Panel With Group Switching Card And DIN Rail (Watt Stopper LP24S-8-G)	3,633.49	196.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.04*	
26 09 23 00-0159	EA	4 Relays, Flush Mount, Lighting Control Panel (Watt Stopper LP8F-4)	2,353.73	183.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*110.17*	
26 09 23 00-0160	EA	8 Relays, Flush Mount, Lighting Control Panel (Watt Stopper LP8F-8)	2,525.62	196.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.04*	
26 09 23 00-0161	EA	8 Relays, Flush Mount, Lighting Control Panel With Group Switching Card (Watt Stopper LP8F-8-G)	2,816.91	196.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.04*	
26 09 23 00-0162	EA	8 Relays, Flush Mount, Lighting Control Panel With DIN Rail (Watt Stopper LP24F-8)	3,458.44	196.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.04*	
26 09 23 00-0163	EA	8 Relays, Flush Mount, Lighting Control Panel With Group Switching Card And DIN Rail (Watt Stopper LP24F-8-G)	3,749.99	196.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.04*	
26 09 23 00-0164		**Accessories For Lighting Control Panels (Watt Stopper)** *(26 09 23 00-0152)*		
26 09 23 00-0165	EA	Low Voltage Photocell For Watt Stopper Lighting Control Panels (Watt Stopper EM-24A2)	204.04	32.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.67*	
26 09 23 00-0166	EA	Automatic Control Switch For Watt Stopper Lighting Control Panels (Watt Stopper AS-100-W)	156.98	26.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.74*	
26 09 23 00-0167	EA	Low Voltage Momentary Switch For Watt Stopper Lighting Control Panels (Watt Stopper DCC2)	82.06	26.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.74*	
26 09 23 00-0168		**Lighting Control Panels (Synergy)** *(26 09 23 00-0151)*		
26 09 23 00-0169		**Lighting Control Panels (Synergy)** *(26 09 23 00-0168)*		
26 09 23 00-0170	EA	8 Relays, Surface Mount, Lighting Control Panel (Synergy SwitchPak SPAK 8S)	2,938.18	196.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.04*	
26 09 23 00-0171		**Accessories For Lighting Control Panels (Synergy)** *(26 09 23 00-0168)*		
26 09 23 00-0172	EA	Outdoor Photocell For Synergy SwitchPak Lighting Control Panels (Synergy LSA-APS-OL)	720.31	32.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.67*	
26 09 23 00-0173	EA	Sweepswitch, Line Voltage Override Switch For Synergy SwitchPak Lighting Control Panels (Synergy SSPL-20)	279.00	13.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0174	EA	Override Switch For Synergy SwitchPak Lighting Control Panels (Synergy LVPS-2BT)	158.30	19.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.81*	
26 09 23 00-0175		**Lighting Switching Panels (Lutron)** *(26 09 23 00-0151)*		
26 09 23 00-0176		**Lighting Switching Panels (Lutron)** *(26 09 23 00-0175)*		
26 09 23 00-0177	EA	8 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS8-FT)	2,391.73	196.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.04*	
26 09 23 00-0178	EA	12 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS12-FT)	3,277.93	209.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*125.91*	
26 09 23 00-0179	EA	16 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS16-FT)	4,291.27	222.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*133.78*	
26 09 23 00-0180		**Wireless (ZigBee) LED Lighting Control Panels (PlanLED GigaTera)** *(26 09 23 00-0151)*		
26 09 23 00-0181	EA	6 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC6Z)	1,600.72	183.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*110.17*	
26 09 23 00-0182	EA	12 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC12Z)	1,824.99	183.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*110.17*	
26 09 23 00-0183	EA	18 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC18Z)	2,049.26	183.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*110.17*	
26 09 23 00-0184		**Power Filters** *(26 09 23 00-0151)*		
26 09 23 00-0185	EA	600 Amperes, 480/277 Volt, 4 Conductor Power Filter With 80" X 60" X 17" Enclosure	40,176.59	1,091.29
26 09 23 00-0186	EA	200 Amperes, 480/277 Volt, 4 Conductor Power Filter With 25" X 40" X 17" Enclosure	23,745.34	474.47
26 09 23 00-0187		**Signal Filters** *(26 09 23 00-0151)*		
26 09 23 00-0188	EA	0.5 Amperes, 125 Volt, 500 Conductor Signal Filter With 19" X 36-3/4" X 19-1/8 Case	18,448.28	992.16
26 09 23 00-0189	EA	0.5 Amperes, 125 Volt, 200 Conductor Signal Filter With 29" X 40" X 11" Case	12,610.77	606.35
26 09 23 00-0190	EA	0.5 Amperes, 125 Volt, 3 Pair Conductor Signal Filter With 12" X 12" X 4" Case	7,036.41	352.02
26 09 23 00-0191	EA	5 Amperes, 24 Volt DC, 5 Volt, 2 - 1 Pair Conductor Signal Filter With Case	9,569.34	352.02
26 09 23 00-0192		**Lighting Control Devices (Encelium)** *(26 09 23)*		
26 09 23 00-0193	EA	8 Port, G4, Wired Energy Control Unit, GreenBus II™ (120 Volt) With Polaris 3D™ (Encelium EN-ECU-G4-P3D) Note: Excludes GB II cable.	16,984.34	131.16
26 09 23 00-0194	EA	Server, System Support Unit (SSU) (Encelium EN-SSU-1U) Note: Excludes GB II and Ethernet cable.	7,763.91	131.16
26 09 23 00-0195	EA	Server, System Support Unit (SSU), VIRTUAL (Encelium EN-SW-SSUVIRT) Note: Excludes GB II and Ethernet cable.	4,040.23	131.16
26 09 23 00-0196	EA	Server, System Support Unit (SSU) With BACnet (Encelium EN-SSU-BIF-KIT) Note: Excludes GB II and Ethernet cable.	17,084.23	131.16
26 09 23 00-0197	EA	Isolated, Wired Luminaire Control Module (Encelium EN-iLCM-1R10V-GB2-BK) Note: Excludes GB II cable.	134.22	16.40
26 09 23 00-0198	EA	Damp Rated, Isolated, Wired Luminaire Control Module (Encelium EN-iLCM-1R10V-GB2-BK/DR) Note: Excludes GB II cable.	208.00	16.40
26 09 23 00-0199	EA	Wired Area Lighting Controller, Heavy-Duty Relay With 0-10V Dimming (Encelium EN-ALC-1R10V-GB2-BK) Note: Excludes GB II cable.	261.63	32.79
26 09 23 00-0200	EA	Damp Rated, Wired Area Lighting Controller, Heavy-Duty Relay With 0-10V Dimming (Encelium EN-ALC-1R10V-GB2-BK-DR) Note: Excludes GB II cable.	315.86	32.79
26 09 23 00-0201	EA	Wired Sensor Interface Module (Encelium EN-SIM-AI/SPS-GB2-BK) Note: Excludes GB II cable.	167.01	32.79
26 09 23 00-0202	EA	Damp Rated, Wired Sensor Interface Module (Encelium EN-SIM-AI/SPS-GB2-BK/DR) Note: Excludes GB II cable.	240.79	32.79
26 09 23 00-0203	EA	16 Port, Rack Mounted, Wired Ethernet Switch (Encelium ETH-700) Note: Excludes cable.	606.70	65.58
26 09 23 00-0204	EA	Rack Mounted, Wired Power Bar (Encelium PWR-700)	455.13	65.58
26 09 23 00-0205	EA	Rack Mounted, Wired Power Bar With Surge Protection (Encelium PWR-800)	836.14	65.58
26 09 23 00-0206	EA	Wall Mounted, 4U Mounting Rack (Encelium RCK-700)	283.86	65.58
26 09 23 00-0207	EA	4 Port, 10/100 VPN, Dual WAN, Wired Router (Encelium RV042) Note: Excludes cable.	937.63	65.58
26 09 23 00-0208	EA	Wired BACnet Interface (Encelium BIF-600) Note: Excludes cable.	9,844.95	262.31
26 09 23 00-0209	EA	Wired AV Interface (Encelium EN-SW-AVINT) Note: Excludes cable.	7,292.09	65.58
26 09 23 00-0210	EA	Two Button, GB2, Wired Wall Station (Encelium EN-WS-2B-GB2-WH) Note: Includes white finish. Excludes GB II cable.	272.65	16.40
26 09 23 00-0211	EA	3 Scene, GB2, Wired Wall Station (Encelium EN-WS-SC3-GB2-WH) Note: Includes white finish. Excludes GB II cable.	332.58	16.40
26 09 23 00-0212	EA	3 Zone, GB2, Wired Wall Station (Encelium EN-WS-ZC3-GB2-WH) Note: Includes white finish. Excludes GB II cable.	318.12	16.40
26 09 23 00-0213	EA	5 Scene, GB2, Wired Wall Station (Encelium EN-WS-SC5-GB2-WH) Note: Includes white finish. Excludes GB II cable.	332.58	16.40
26 09 23 00-0214	EA	6 Zone, GB2, Wired Wall Station (Encelium EN-WS-ZC6-GB2-WH) Note: Includes white finish. Excludes GB II cable.	318.12	16.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0215	EA	Rocker Switch, GB2, Wired Wall Station (Encelium EN-WS-R-GB2-WT) Note: Includes white finish. Excludes GB II cable.	240.25	16.40
26 09 23 00-0216	EA	Scene Controller, GB2, Wired Wall Station (Encelium EN-WS-SC3D-GB2-WT) Note: Includes white finish. Excludes GB II cable.	332.58	16.40
26 09 23 00-0217	EA	3 Zone Controller, GB2, Wired Wall Station (Encelium EN-WS-ZC3-GB2-WT) Note: Includes white finish. Excludes GB II cable.	318.12	16.40
26 09 23 00-0218	EA	Wired Key Switch Controller (Encelium KSW-300) Note: Excludes GB II cable.	234.42	16.40
26 09 23 00-0219	EA	Wall Station Surface Mount Kit (Encelium EN-SMK-ZB-WH) Note: Includes white finish.	99.54	16.40
26 09 23 00-0220	EA	1/2' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-0.5FT-GB2)	80.74	32.79
26 09 23 00-0221	EA	1' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-01FT-GB2)	81.39	32.79
26 09 23 00-0222	EA	5' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-05FT-GB2)	86.49	32.79
26 09 23 00-0223	EA	10' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-10FT-GB2)	91.53	32.79
26 09 23 00-0224	EA	15' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-15FT-GB2)	97.55	32.79
26 09 23 00-0225	EA	20' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-20FT-GB2)	102.98	32.79
26 09 23 00-0226	EA	25' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-25FT-GB2)	109.64	32.79
26 09 23 00-0227	EA	50' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-50FT-GB2)	139.78	32.79
26 09 23 00-0228	EA	1,000' Box, GreenBus II™ Cable (Encelium EN-BC-1000FT-GB2)	901.57	32.79
26 09 23 00-0229	EA	Box Of 50, Greenbus II™ Connectors (Encelium EN-CON-50-GB2)	218.53	32.79
26 09 23 00-0230	EA	1,000' Box, Category 5, Network Cable (Encelium NWC-400-B)	1,164.05	32.79
26 09 23 00-0231	EA	Indoor Wired Photo Sensor (Encelium PHS-700) Note: Excludes GB II cable.	680.41	65.58
26 09 23 00-0232	EA	Outdoor Wired Photo Sensor (Encelium PHS-800) Note: Excludes GB II cable.	680.41	65.58
26 09 23 00-0233	EA	Skylight Wired Photo Sensor (Encelium PHS-900) Note: Excludes GB II cable.	680.41	65.58
26 09 23 00-0234	EA	450 SF, 360 Degree, Passive Infrared, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCP-0450) Note: Excludes GB II cable.	353.81	65.58
26 09 23 00-0235	EA	1,500 SF, 360 Degree, Passive Infrared, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCP-1500) Note: Excludes GB II cable.	342.85	65.58
26 09 23 00-0236	EA	2,500 SF, Wide View, Passive Infrared, Wall Mounted, Wired Occupancy Sensor (Encelium SWP-WV00) Note: Excludes GB II cable.	350.15	65.58
26 09 23 00-0237	EA	High-Bay, Passive Infrared, Wall Mounted, Wired Occupancy Sensor (Encelium SWP-HBAY) Note: Excludes GB II cable.	386.66	65.58
26 09 23 00-0238	EA	Long-Range, Passive Infrared, Wall Mounted, Wired Occupancy Sensor (Encelium SWP-LRNG) Note: Excludes GB II cable.	350.15	65.58
26 09 23 00-0239	EA	120-277 Volt AC, No Neutral, Passive Infrared, Wall Switch Mounted, Wired Occupancy Sensor (Encelium SSP-LNV) Note: Excludes GB II cable.	277.17	65.58
26 09 23 00-0240	EA	High Bay, Passive Infrared, Fixture Mounted, Wired Occupancy Sensor (Encelium WSPEM24V) Note: Excludes GB II cable.	293.85	65.58
26 09 23 00-0241	EA	High Bay, Passive Infrared, Surface Mounted, Wired Occupancy Sensor (Encelium WSPSM24V) Note: Excludes GB II cable.	293.85	65.58
26 09 23 00-0242	EA	360 Degree Lens, Wired Occupancy Sensor (Encelium WSPLENS360) Note: Excludes GB II cable.	154.80	65.58
26 09 23 00-0243	EA	Passive Infrared, Wall Switch Mounted, Wired Occupancy Sensor (Encelium PW-100-24) Note: Excludes GB II cable.	359.19	65.58
26 09 23 00-0244	EA	Hallway, Wired Occupancy Sensor (Encelium HW-13) Note: Excludes GB II cable.	507.98	65.58
26 09 23 00-0245	EA	500 SF, 180 Degree, (Multi) Passive Infrared And Ultrasonic, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCM-0500) Note: Excludes GB II cable.	445.05	65.58
26 09 23 00-0246	EA	1,000 SF, 360 Degree, (Multi) Passive Infrared And Ultrasonic, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCM-1000) Note: Excludes GB II cable.	474.25	65.58
26 09 23 00-0247	EA	2,000 SF, 360 Degree, (Multi) Passive Infrared And Ultrasonic, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCM-2000) Note: Excludes GB II cable.	488.86	65.58
26 09 23 00-0248	EA	1,200 SF, (Multi) Passive Infrared And Ultrasonic, Wall Mounted, Wired Occupancy Sensor (Encelium SWM-1200) Note: Excludes GB II cable.	441.40	65.58
26 09 23 00-0249	EA	120-277 Volt AC, No Neutral, Passive Infrared And Ultrasonic, Wall Switch Mounted, Wired Occupancy Sensor (Encelium SSM-LNV) Note: Excludes GB II cable.	368.42	65.58
26 09 23 00-0250	EA	500 SF, 180 Degree, Dual Technology, Ceiling Mounted, Wired Occupancy Sensor (Encelium OSC05-M0W) Note: Excludes GB II cable.	460.75	65.58
26 09 23 00-0251	EA	1,200 SF, 360 Degree, Dual Technology, Wall Mounted, Wired Occupancy Sensor (Encelium OSW12-M0W) Note: Excludes GB II cable.	456.93	65.58
26 09 23 00-0252	EA	2,000 SF, 360 Degree, Dual Technology, Ceiling Mounted, Wired Occupancy Sensor (Encelium OSC20-M0W) Note: Excludes GB II cable.	506.74	65.58
26 09 23 00-0253	EA	1,000 SF, 360 Degree, Dual Technology, Ceiling Mounted, Wired Occupancy Sensor (Encelium OSC10-M0W) Note: Excludes GB II cable.	491.42	65.58
26 09 23 00-0254	EA	Dual Technology, Wall Switch Mounted, Wired Occupancy Sensor (Encelium DW-100-24) Note: Excludes GB II cable.	528.84	65.58
26 09 23 00-0255	EA	Dual Technology, Wall Switch Mounted, Wired Occupancy Sensor (Encelium WSD-PDT-LV) Note: Excludes GB II cable.	491.57	65.58
26 09 23 00-0256	EA	Wide View, Dual Technology, Wired Occupancy Sensor (Encelium WV-PDT) Note: Excludes GB II cable.	491.57	65.58
26 09 23 00-0257	EA	10 Amperes, 120 Volt, Single Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESRU1C)	323.37	65.58
26 09 23 00-0258	EA	10A, 277V, Single Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESRH1C)	346.31	65.58
26 09 23 00-0259	EA	20 Amperes, 120 Volt, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR01P)	606.18	65.58
26 09 23 00-0260	EA	20A, 277V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR02P)	648.30	65.58
26 09 23 00-0261	EA	10 Amperes, 120 Volt, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR2401D)	478.37	65.58

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26 09 23 00-0262	EA	10A, 277V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR2402D)	498.73	65.58
26 09 23 00-0263	EA	24 Circuit, Relay Module (Encelium EN-RPM-24C-GB2) Note: Excludes GB II cable and enclosure.	1,430.31	131.16
26 09 23 00-0264	EA	24 Circuit, 120/277V, Relay Panel With Relay Module (Encelium EN-RP-24C-GB2-120/277V) Note: Excludes GB II cable.	4,469.83	524.63
26 09 23 00-0265	EA	12 Relays, 24 Circuit, 120-347V, Emergency Relay Panel (Encelium EN-RPA12R120-347V) Note: Excludes GB II cable.	6,522.17	524.63
26 09 23 00-0266	EA	24 Relays, 24 Circuit, 120-347V, Emergency Relay Panel (Encelium EN-RPA24R120-347V) Note: Excludes GB II cable.	8,574.49	524.63
26 09 23 00-0267	EA	Wired Phase Cut Dimming Module (Encelium EN-PCDM-GB2) Note: Excludes GB II cable.	715.16	65.58
26 09 23 00-0268	EA	Wired DALI Bridge (Encelium EN-DB-1L-GB2) Note: Excludes GB II cable.	819.45	65.58
26 09 23 00-0269	EA	Wireless Manager (Encelium EN-WM-ZB-P3D) Note: Includes white finish.	2,216.87	65.58
26 09 23 00-0270	EA	Wireless Control Module (Encelium EN-WCM-ZB)	301.96	32.79
26 09 23 00-0271	EA	Damp Rated, Wireless Control Module (Encelium EN-WCM-ZB-DR)	357.58	32.79
26 09 23 00-0272	EA	Wireless Area Lighting Controller (Encelium EN-ALC-ZB-BK)	358.97	32.79
26 09 23 00-0273	EA	Damp Rated, Wireless Area Lighting Controller (Encelium EN-ALC-ZB-BK-DR)	372.08	32.79
26 09 23 00-0274	EA	2 Button Switch, Wireless Wall Station (Encelium EN-WS-2B-ZB-WH) Note: Includes white finish.	269.17	16.40
26 09 23 00-0275	EA	3 Scene Control, Wireless Wall Station (Encelium EN-WS-SC3-ZB-WH) Note: Includes white finish.	269.17	16.40
26 09 23 00-0276	EA	3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH) Note: Includes white finish.	269.17	16.40
26 09 23 00-0277	EA	5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH) Note: Includes white finish.	269.17	16.40
26 09 23 00-0278	EA	6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH) Note: Includes white finish.	269.17	16.40
26 09 23 00-0279	EA	Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW)	278.20	16.40
26 09 23 00-0280	EA	315 MHz, Wireless Photocell (Encelium TAP-17C)	590.02	65.58
26 09 23 00-0281	EA	450 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB)	367.54	65.58
26 09 23 00-0282	EA	1,500 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB)	367.54	65.58
26 09 23 00-0283	EA	1,500 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB-DR)	423.16	65.58
26 09 23 00-0284	EA	450 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB-DR)	423.16	65.58
26 09 23 00-0285	EA	2 Button Switch, Wireless Wall Station (Encelium EN-WS-2B-ZB-WH) Note: Includes white finish.	269.17	16.40
26 09 23 00-0286	EA	3 Scene Control, Wireless Wall Station (Encelium EN-WS-SC3-ZB-WH) Note: Includes white finish.	269.17	16.40
26 09 23 00-0287	EA	3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH) Note: Includes white finish.	269.17	16.40
26 09 23 00-0288	EA	5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH) Note: Includes white finish.	269.17	16.40
26 09 23 00-0289	EA	6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH) Note: Includes white finish.	269.17	16.40
26 09 23 00-0290	EA	Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW) Note: Includes white finish.	278.20	16.40
26 09 23 00-0291	EA	315 MHz, Wireless Photocell (Encelium TAP-17C)	590.02	65.58
26 09 23 00-0292	EA	3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH)	269.17	16.40
26 09 23 00-0293	EA	5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH)	269.17	16.40
26 09 23 00-0294	EA	6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH)	269.17	16.40
26 09 23 00-0295	EA	Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW)	278.20	16.40
26 09 23 00-0296	EA	315 MHz, Wireless Photocell (Encelium TAP-17C)	590.02	65.58
26 09 23 00-0297	EA	450 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB)	367.54	65.58
26 09 23 00-0298	EA	1,500 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB)	367.54	65.58
26 09 23 00-0299	EA	1,500 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB-DR)	423.16	65.58
26 09 23 00-0300	EA	450 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB-DR)	423.16	65.58
26 09 23 00-0301	EA	2 Button Switch, Wireless Wall Station (Encelium EN-WS-2B-ZB-WH) Note: Includes white finish.	269.17	16.40
26 09 23 00-0302	EA	3 Scene Control, Wireless, Wall Station (Encelium EN-WS-SC3-ZB-WH) Note: Includes white finish.	269.17	16.40
26 09 23 00-0303	EA	3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH) Note: Includes white finish.	269.17	16.40
26 09 23 00-0304	EA	5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH) Note: Includes white finish.	269.17	16.40
26 09 23 00-0305	EA	6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH) Note: Includes white finish.	269.17	16.40
26 09 23 00-0306	EA	Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW)	278.20	16.40
26 09 23 00-0307	EA	315 MHz, Wireless Photocell (Encelium TAP-17C)	590.02	65.58
26 09 23 00-0308	EA	Ceiling Mounted, Wireless Mounting Kit (Encelium EN-SCPPH-MK-ZB)	163.13	65.58
26 09 23 00-0309	EA	Wireless Ethernet Transceiver Unit (cns-enocean Connectivity Kit)	772.98	65.58

26 09 23 00-0310 Lighting Control Sensors *(26 09 23)*

26 09 23 00-0311	EA	DALIMulti Sensor, 600 SF (Fifthlight FLT-MTS6-DALI)	412.18	29.51
26 09 23 00-0312	EA	DALIMulti Sensor, 1,200 SF (Fifthlight FLT-MTS12-DALI)	412.18	29.51
26 09 23 00-0313	EA	Smart Multi-sensor (LG 9SD131VVDA.ALWB000)	360.93	29.51
26 09 23 00-0314	EA	Zigbee Dongle (LG 9CM2315VD2.AWP01U)	108.61	19.67
26 09 23 00-0315	EA	Clip for Performance Troffer (LG BKTTR015122.BUAAWAA)	8.69	
26 09 23 00-0316	EA	Clip for Downlight (BKTCE015123.BUAAWAA)	70.78	
26 09 23 00-0317	EA	Clip for Tube (LG BKTTU015121.BUAAWAA)	12.42	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0318		Radio Controlled Devices (Lutron) *(26 09 23)*		
26 09 23 00-0319		Tabletop Transmitters For Radio Controlled Devices *(26 09 23 00-0318)*		
26 09 23 00-0320		Switched Lighting Controls, Tabletop Wireless Transmitter *(26 09 23 00-0319)*		
26 09 23 00-0321	EA	One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-SW-B-WH)	544.27	19.67
26 09 23 00-0322	EA	Two Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2SW-B-WH)	707.94	19.67
26 09 23 00-0323	EA	Three Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3SW-B-WH)	892.08	19.67
26 09 23 00-0324		Dimmable Lighting Controls, Tabletop Wireless Transmitter *(26 09 23 00-0319)*		
26 09 23 00-0325	EA	One Zone Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L-B-WH)	544.27	19.67
26 09 23 00-0326	EA	Two Zones Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2L-B-WH)	646.57	19.67
26 09 23 00-0327	EA	Three Zones Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3L-B-WH)	892.08	19.67
26 09 23 00-0328	EA	One Zone Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L-WH)	544.27	19.67
26 09 23 00-0329	EA	Two Zones Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2L-WH)	707.94	19.67
26 09 23 00-0330	EA	Three Zones Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3L-WH)	892.08	19.67
26 09 23 00-0331		Dimmable And Switched Lighting Controls, Tabletop Wireless Transmitter *(26 09 23 00-0319)*		
26 09 23 00-0332	EA	One Zone Of Dimmable Lighting Controls And One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LSW-B-WH)	707.94	19.67
26 09 23 00-0333	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LSW-B-WH)	892.08	19.67
26 09 23 00-0334	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2SW-B-WH)	892.08	19.67
26 09 23 00-0335		Dimmable Lighting Controls And Shade Or Projection Controls, Tabletop Wireless Transmitter *(26 09 23 00-0319)*		
26 09 23 00-0336	EA	One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-C3-B-WH)	544.27	19.67
26 09 23 00-0337	EA	Two Zones Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2C3-B-WH)	707.94	19.67
26 09 23 00-0338	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Output Switch Projection Screen Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LC2-B-WH)	646.57	19.67
26 09 23 00-0339	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of Output Switch Projection Screen Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LC2-B-WH)	789.78	19.67
26 09 23 00-0340	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LC3-B-WH)	707.94	19.67
26 09 23 00-0341	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LC3-B-WH)	851.16	19.67
26 09 23 00-0342	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2C3-B-WH)	707.94	19.67
26 09 23 00-0343		Dimmable Lighting Controls And Sivoia QED Shade Controls, Tabletop Wireless Transmitter *(26 09 23 00-0319)*		
26 09 23 00-0344	EA	One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-Q-B-WH)	544.27	19.67
26 09 23 00-0345	EA	Two Zones Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2Q-B-WH)	707.94	19.67
26 09 23 00-0346	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LQ-B-WH)	707.94	19.67
26 09 23 00-0347	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LQ-B-WH)	892.08	19.67
26 09 23 00-0348	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2Q-B-WH)	707.94	19.67
26 09 23 00-0349	EA	One Zone Of Dimmable Lighting Controls, One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, One Zone Of Output Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LQC2-B-WH)	892.08	19.67
26 09 23 00-0350		Output Switch Closure Controls, Tabletop Wireless Transmitter *(26 09 23 00-0319)*		
26 09 23 00-0351	EA	Five Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C5-WH)	544.27	19.67
26 09 23 00-0352	EA	Nine Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C5C4-WH)	707.94	19.67
26 09 23 00-0353	EA	Thirteen Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C52C4-WH)	892.08	19.67
26 09 23 00-0354		Accessories For Tabletop Wireless Transmitter *(26 09 23 00-0319)*		
26 09 23 00-0355	EA	Security Mounting Brackets For Tabletop Wireless Transmitters (Lutron RTA-SEC-WH)	114.63	19.67
26 09 23 00-0356		Wall Box Transmitters For Radio Controlled Devices *(26 09 23 00-0318)*		
26 09 23 00-0357	EA	On/Off Switched Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-2BSW-WH)	503.35	19.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0358	EA	Dimmable Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-2B-WH)	544.27	19.67
26 09 23 00-0359	EA	Four Preset Lighting Level And Dimmable Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-5B-WH)	544.27	19.67
26 09 23 00-0360	EA	Open/Stop/Close Motorized Shade Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-C3LB-WH)	544.27	19.67
26 09 23 00-0361	EA	Up/Down Projection Screen Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-C2LB-WH)	544.27	19.67
26 09 23 00-0362	EA	Open/Stop/Close Sivoia QED Shade Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-Q3LB-WH)	544.27	19.67
26 09 23 00-0363		**Interfaces For Radio Controlled Devices** *(26 09 23 00-0318)*		
26 09 23 00-0364	EA	Incandescent And Magnetic Low Voltage Lighting Interface For Radio Controlled Devices (Lutron FDI-INC-2000)	503.35	19.67
26 09 23 00-0365	EA	Lutron Tu-Wire Ballast Interface For Radio Controlled Devices (Lutron FDI-INC-2000)	503.35	19.67
26 09 23 00-0366	EA	Electronic Low Voltage Lighting Interface For Radio Controlled Devices (Lutron FDI-ELV-1000)	503.35	19.67
26 09 23 00-0367	EA	Sivoia QED Controllable Window Treatments Contact Closure Interface For Radio Controlled Devices (Lutron SVQ-CCI-8)	1,023.01	19.67
26 09 23 00-0368	EA	RS-232 Interface For Radio Controlled Devices (Lutron RTA-RS232)	1,464.93	19.67
26 09 23 00-0369	EA	Switch Closure Input Interface For Radio Controlled (Lutron RTA-SCI)	1,464.93	19.67
26 09 23 00-0370		**Fluorescent Controllers For Radio Controlled Devices** *(26 09 23 00-0318)*		
26 09 23 00-0371	EA	On/Off Switched Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-SW)	646.57	19.67
26 09 23 00-0372	EA	Dimmable Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-F)	728.40	19.67
26 09 23 00-0373	EA	Switch Closures And Dimmable Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-F-SC)	851.16	19.67
26 09 23 00-0374		**AC Motor Group Controllers For Radio Controlled Devices** *(26 09 23 00-0318)*		
26 09 23 00-0375	EA	Up To Two Motors, AC Motor Group Controllers For Radio Controlled Devices (Lutron WC-2M-GC)	953.45	19.67
26 09 23 00-0376	EA	Up To Four Motors, AC Motor Group Controllers For Radio Controlled Devices (Lutron WC-4M-GC)	1,311.49	19.67
26 09 23 00-0377		**RF Wireless Technology, Switches And Dimmers (Lutron® Maestro Wireless®)** *(26 09 23)*		
26 09 23 00-0378		**RF Wireless Technology, Switches (Lutron® Maestro Wireless®)** *(26 09 23 00-0377)*		
26 09 23 00-0379	EA	6 Amperes Lighting, 3 Amperes Fan, RF Wireless Technology, Electronic Switch (Lutron® Maestro Wireless® MRF2-6ANS)	146.63	26.23
26 09 23 00-0380	EA	8 Amperes Lighting, 5.8 Amperes Fan, RF Wireless Technology, Spec Grade Electronic Switch (Lutron® Maestro Wireless® MRF2-8ANS-120)	172.68	26.23
26 09 23 00-0381	EA	8 Amperes Lighting, 3 Amperes Fan, RF Wireless Technology, Spec Grade Electronic Switch (Lutron® Maestro Wireless® MRF2-8S-DV)	269.76	26.23
26 09 23 00-0382	EA	120 Volt, Claro® Gloss Finish, RF Wireless Technology, Companion Switch (Lutron® Maestro Wireless® MA-AS)	103.18	26.23
26 09 23 00-0383	EA	277 Volt, Claro® Gloss Finish, RF Wireless Technology, Companion Switch (Lutron® Maestro Wireless® MA-AS-277)	125.93	26.23
26 09 23 00-0384	EA	120 Volt, Satin Colors® Satin Finish, RF Wireless Technology, Companion Switch (Lutron® Maestro Wireless® MSC-AS)	112.73	26.23
26 09 23 00-0385	EA	277 Volt, Satin Colors® Satin Finish, RF Wireless Technology, Companion Switch (Lutron® Maestro Wireless® MSC-AS-277)	135.95	26.23
26 09 23 00-0386		**RF Wireless Technology, Dimmers (Lutron® Maestro Wireless®)** *(26 09 23 00-0377)*		
26 09 23 00-0387	EA	600 Watt, 120 Volt, RF Wireless Technology, Incandescent Dimmer (Lutron® Maestro Wireless® MRF2-600M)	140.62	26.23
26 09 23 00-0388	EA	600 Watt, 120 Volt, RF Wireless Technology, Magnetic Low Voltage Dimmer (Lutron® Maestro Wireless® MRF2-6MLV)	152.64	26.23
26 09 23 00-0389	EA	600 Watt, 120 Volt, RF Wireless Technology, Spec Grade Neutral Wire Dimmer (Lutron® Maestro Wireless® MRF2-6ND-120)	182.70	26.23
26 09 23 00-0390	EA	1,000 Watt, 120 Volt, RF Wireless Technology, Spec Grade Dimmer (Lutron® Maestro Wireless® MRF2-10D-120)	195.81	32.79
26 09 23 00-0391	EA	600 Watt, 120 Volt, RF Wireless Technology, Electronic Low-Voltage Dimmer (Lutron® Maestro Wireless® MRF2-6ELV-120)	241.80	26.23
26 09 23 00-0392	EA	120 Volt, Claro® Gloss Finish, RF Wireless Technology, Companion Dimmer (Lutron® Maestro Wireless® MA-R)	80.02	26.23
26 09 23 00-0393	EA	277 Volt, Claro® Gloss Finish, RF Wireless Technology, Companion Dimmer (Lutron® Maestro Wireless® MA-R-277)	96.55	26.23
26 09 23 00-0394	EA	120 Volt, Satin Colors® Satin Finish, RF Wireless Technology, Companion Dimmer (Lutron® Maestro Wireless® MSC-AD)	86.04	26.23
26 09 23 00-0395	EA	277 Volt, Satin Colors® Satin Finish, RF Wireless Technology, Companion Dimmer (Lutron® Maestro Wireless® MSC-AD-277)	102.56	26.23
26 09 23 00-0396	EA	6 Amperes, 120/277 Volt, RF Wireless Technology, 3-Wire Fluorescent Spec Grade Neutral Wire Dimmer (Lutron® Maestro Wireless® MRF2-F6AN-DV)	272.12	45.90
26 09 23 00-0397		**Removal And Reinstallation Of Occupancy Sensors** *(26 09 23)*		
26 09 23 00-0398	EA	Removal And Reinstallation Of Ceiling Mounted Occupancy Sensor Note: Includes storing and cleaning.	88.53	
26 09 23 00-0399	EA	Removal And Reinstallation Of Wall Mounted Occupancy Sensor Note: Includes storing and cleaning.	59.02	
26 09 23 00-0400		**Occupancy Sensors (Watt Stopper)** *(26 09 23)* Note: Includes testing of new devices and certification.		
26 09 23 00-0401		**Occupancy Sensors** *(26 09 23 00-0400)* Note: Exclude boxes.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0402		**Wall Switch Mounted Occupancy Sensors** *(26 09 23 00-0401)*		
26 09 23 00-0403		**Ultrasonic, Wall Switch Mounted Occupancy Sensors** *(26 09 23 00-0402)*		
26 09 23 00-0404	EA	Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper UW-100)	148.93	13.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.87*	
26 09 23 00-0405	EA	Dual Relay, Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper UW-200)	176.09	13.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.87*	
26 09 23 00-0406		**Passive Infrared, Wall Switch Mounted Occupancy Sensors** *(26 09 23 00-0402)*		
26 09 23 00-0407	EA	Nightlight, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WN-100)	122.65	13.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.87*	
26 09 23 00-0408	EA	Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WS)	114.42	13.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.87*	
26 09 23 00-0409	EA	Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper PW-100)	129.79	13.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.87*	
26 09 23 00-0410	EA	Dual Relay, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper PW-200)	150.57	13.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.87*	
26 09 23 00-0411	EA	Dimmable, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WD)	148.86	13.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.87*	
26 09 23 00-0412		**Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensors** *(26 09 23 00-0402)*		
26 09 23 00-0413	EA	Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper DW-100)	217.47	13.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.87*	
26 09 23 00-0414	EA	Dual Relay, Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper DW-200)	234.66	13.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.87*	
26 09 23 00-0415		**Wall Switch Mounted Occupancy Sensor Accessories** *(26 09 23 00-0402)*		
26 09 23 00-0416	EA	Single Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP)	8.19	3.28
26 09 23 00-0417	EA	One Side Blank, Double Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP)	9.56	3.28
26 09 23 00-0418	EA	Switch Option, Double Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP)	9.56	3.28
26 09 23 00-0419		**Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0401)*		
26 09 23 00-0420		**Ultrasonic, Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0419)*		
26 09 23 00-0421		**25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0420)*		
26 09 23 00-0422	EA	500 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-500A)	195.03	29.51
26 09 23 00-0423	EA	1,000 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-1000A)	224.58	29.51
26 09 23 00-0424	EA	2,000 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-2000A)	254.36	29.51
26 09 23 00-0425	EA	90 LF Hallway Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-2000H)	251.67	29.51
26 09 23 00-0426		**32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0420)*		
26 09 23 00-0427	EA	600 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-605)	212.52	29.51
26 09 23 00-0428	EA	1,100 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-1105)	242.50	29.51
26 09 23 00-0429	EA	2,205 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2205)	270.88	29.51
26 09 23 00-0430	EA	90 LF Hallway Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2255)	275.69	29.51
26 09 23 00-0431	EA	600 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-600)	230.44	29.51
26 09 23 00-0432	EA	1,100 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-1100)	261.16	29.51
26 09 23 00-0433	EA	2,200 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2200)	291.76	29.51
26 09 23 00-0434	EA	90 LF Hallway Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2250)	300.57	29.51
26 09 23 00-0435		**40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0420)*		
26 09 23 00-0436	EA	500 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-1)	221.18	29.51
26 09 23 00-0437	EA	1,000 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-2)	256.99	29.51
26 09 23 00-0438	EA	2,000 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-3)	286.97	29.51
26 09 23 00-0439	EA	500 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-1)	207.99	29.51
26 09 23 00-0440	EA	1,000 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-2)	253.12	29.51
26 09 23 00-0441	EA	2,000 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-3)	267.74	29.51
26 09 23 00-0442	EA	500 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-1)	223.04	29.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0443	EA	1,000 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-2)	249.03	29.51
26 09 23 00-0444	EA	2,000 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-3)	281.12	29.51
26 09 23 00-0445		**Passive Infrared, Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0419)*		
26 09 23 00-0446	EA	30 Segment, 5 Level Lens, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper WPIR)	160.54	29.51
26 09 23 00-0447	EA	HVAC/BAS, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-12/24)	164.02	29.51
26 09 23 00-0448	EA	Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-205)	172.29	29.51
26 09 23 00-0449	EA	Line Voltage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-355)	194.47	29.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0450	EA	Low Profile, Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-305)	197.16	29.51
26 09 23 00-0451	EA	Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-200)	208.77	29.51
26 09 23 00-0452	EA	Low Profile, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-300)	227.34	29.51
26 09 23 00-0453		**Passive Infrared And Ultrasonic, Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0419)*		
26 09 23 00-0454	EA	1,000 SF 360 Degree Coverage, Line Voltage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-355)	270.63	29.51
26 09 23 00-0455	EA	1,000 SF 360 Degree Coverage, Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-300)	309.93	29.51
26 09 23 00-0456	EA	1,000 SF 360 Degree Coverage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-305)	262.29	29.51
26 09 23 00-0457		**Ceiling/Wall Mounted Occupancy Sensors** *(26 09 23 00-0401)*		
26 09 23 00-0458		**Passive Infrared, Ceiling/Wall Mounted Occupancy Sensors** *(26 09 23 00-0457)*		
26 09 23 00-0459	EA	120 LF Coverage, Low Temperature, Passive Infrared, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper CB-100-1/3)	333.47	29.51
26 09 23 00-0460	EA	2,000 SF Coverage, Low Temperature, Passive Infrared, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper CB-100)	333.47	29.51
26 09 23 00-0461		**Passive Infrared And Ultrasonic, Ceiling/Wall Mounted Occupancy Sensors** *(26 09 23 00-0457)*		
26 09 23 00-0462	EA	2,000 SF Coverage, Passive Infrared And Ultrasonic, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper DT-200)	309.93	29.51
26 09 23 00-0463		**Occupancy Sensor Power Packs** *(26 09 23 00-0400)*		
26 09 23 00-0464		**Single Voltage, Occupancy Sensor Power Packs** *(26 09 23 00-0463)*		
26 09 23 00-0465	EA	220 To 240 Volt AC, 20 Amperes, Occupancy Sensor Power Pack (Watt Stopper B230E-P)	107.41	26.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.74*	
26 09 23 00-0466	EA	347 Volt AC, 15 Amperes, Occupancy Sensor Power Pack (Watt Stopper B347D-P)	97.43	26.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.74*	
26 09 23 00-0467		**Auxiliary, Occupancy Sensor Power Packs** *(26 09 23 00-0463)*		
26 09 23 00-0468	EA	120, 277 Or 347 Volt AC, 20 Amperes, Auxiliary Occupancy Sensor Power Pack (Watt Stopper S120/277/347E-P)	89.21	26.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.74*	
26 09 23 00-0469		**Universal Voltage, Power Packs For Occupancy Sensors** *(26 09 23 00-0463)*		
26 09 23 00-0470	EA	120/277 Volt AC, 20 Amperes, Dual Voltage, Occupancy Sensor Power Pack (Watt Stopper BZ-100)	119.31	26.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.74*	
26 09 23 00-0471		**Form C, Occupancy Sensor Power Packs** *(26 09 23 00-0463)*		
26 09 23 00-0472	EA	120 Volt AC, Form C, Occupancy Sensor Power Pack (Watt Stopper A120C-P)	107.87	26.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.74*	
26 09 23 00-0473	EA	277 Volt AC, Form C, Occupancy Sensor Power Pack (Watt Stopper A277C-P)	107.96	26.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.74*	
26 09 23 00-0474		**Two Relay, Occupancy Sensor Power Packs** *(26 09 23 00-0463)*		
26 09 23 00-0475	EA	120 Volt AC, Two Relay, Occupancy Sensor Power Pack (Watt Stopper C120E-P)	136.80	26.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.74*	
26 09 23 00-0476	EA	277 Volt AC, Two Relay, Occupancy Sensor Power Pack (Watt Stopper C277E-P)	138.78	26.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.74*	
26 09 23 00-0477		**Occupancy Sensor Power Supplies** *(26 09 23 00-0463)*		
26 09 23 00-0478	EA	120 Volt AC, Occupancy Sensor Power Supply (Watt Stopper BZ-150)	121.99	26.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.74*	
26 09 23 00-0479	EA	277 Volt AC, Occupancy Sensor Power Supply (Watt Stopper AT-277)	283.06	26.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0480		**Intelligent, Occupancy Sensor Power Packs** *(26 09 23 00-0463)*		
26 09 23 00-0481	EA	120/277 Volt AC, Two Relays, Two Dimming Channels, Intelligent Occupancy Sensor Power Pack (Watt Stopper LC-100)	375.83	26.23
26 09 23 00-0482		**DIN Rail Mounted, Occupancy Sensor Power Packs** *(26 09 23 00-0463)*		
26 09 23 00-0483	EA	120/230/277 Volt AC, DIN Rail Mounted, Occupancy Sensor Power Pack (Watt Stopper BD-100)	118.17	26.23
26 09 23 00-0484		**Occupancy Sensor Accessories** *(26 09 23 00-0400)*		
26 09 23 00-0485		**Protective Cages For Occupancy Sensors** *(26 09 23 00-0484)*		
26 09 23 00-0486	EA	Protective Cage For Occupancy Sensors (Watt Stopper WC)	68.68	9.83
26 09 23 00-0487		**Mounting Brackets For Occupancy Sensors** *(26 09 23 00-0484)*		
26 09 23 00-0488	EA	Mounting Bracket For Occupancy Sensor (Watt Stopper MB) Note: Includes J-plate for mounting to HID fixtures or L-plate for mounting to fluorescent fixtures, walls, shelves and girders.	52.36	16.40
26 09 23 00-0489		**Occupancy/Lighting Logger** *(26 09 23 00-0484)* Note: Logs when a space is occupied/vacant and when lighting is on/off.		
26 09 23 00-0490	EA	Occupancy/Lighting Logger With Connector Cable (Watt Stopper IT-200)	512.56	55.74
26 09 23 00-0491		**Digital Time Light Switches** *(26 09 23 00-0400)*		
26 09 23 00-0492	EA	Preset Time, Wall Switch Mounted, Digital Time Light Switch (Watt Stopper TS-400)	110.53	13.12
26 09 23 00-0493		**Digital High/Low Passive Infrared Fixture Integrated Outdoor Sensor** *(26 09 23 00-0400)*		
26 09 23 00-0494	EA	Digital High/Low Passive Infrared Fixture Integrated Outdoor Sensor (Watt Stopper FSP-211)	240.88	42.63
26 09 23 00-0495		**Occupancy Sensors (Sensor Switch)** *(26 09 23)* Note: Includes testing of new devices and certification.		
26 09 23 00-0496		**Occupancy Sensors (Sensor Switch)** *(26 09 23 00-0495)* Note: Exclude boxes		
26 09 23 00-0497		**Wall Switch Mount Occupancy Sensors (Sensor Switch)** *(26 09 23 00-0496)*		
26 09 23 00-0498		**Passive Infrared, Wall Switch Mount Occupancy Sensors (Sensor Switch)** *(26 09 23 00-0497)*		
26 09 23 00-0499	EA	Single Pole, Low Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD LV)	230.82	13.12
		For Low Voltage Relay Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
26 09 23 00-0500	EA	Nightlight, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD NL)	162.62	13.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.87*	
26 09 23 00-0501	EA	Single Pole, Line Voltage, Fully Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD)	155.12	13.12
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.87*	
26 09 23 00-0502	EA	Single Pole, Line Voltage, Semi-Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD SA)	155.12	13.12
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.87*	
26 09 23 00-0503	EA	2-Pole, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD 2P)	196.72	13.12
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.87*	
26 09 23 00-0504	EA	Single Pole, Passive Infrared, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS)	196.72	13.12
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
26 09 23 00-0505	EA	2-Pole, Passive Infrared, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS 2P)	239.36	13.12
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
26 09 23 00-0506	EA	Single Pole, Passive Infrared, Internally Powered, Wall Switch Mount Occupancy Sensor (Sensor Switch IPD)	196.72	13.12
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
26 09 23 00-0507		**Dual Technology, Wall Switch Mount Occupancy Sensors (Sensor Switch)** *(26 09 23 00-0497)* Note: Includes passive infrared and microphonics detection		
26 09 23 00-0508	EA	Single Pole, Low Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT LV)	299.02	13.12
		For Low Voltage Relay Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
26 09 23 00-0509	EA	Nightlight, Line Voltage, Dual Technology, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT NL)	230.82	13.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0510	EA	Single Pole, Line Voltage, Fully Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT)	225.72	13.12
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.87*	
26 09 23 00-0511	EA	Single Pole, Line Voltage, Semi-Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT SA)	225.72	13.12
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.87*	
26 09 23 00-0512	EA	2-Pole, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT 2P)	264.92	13.12
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.87*	
26 09 23 00-0513	EA	Single Pole, Dual Technology, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS PDT)	264.92	13.12
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
26 09 23 00-0514	EA	2-Pole, Dual Technology, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS PDT 2P)	285.38	13.12
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
26 09 23 00-0515		**Wall Switch Mount Occupancy Sensor Accessories (Sensor Switch)** *(26 09 23 00-0497)*		
26 09 23 00-0516	EA	One Blank, 2-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS BPX)	20.19	3.28
26 09 23 00-0517	EA	One Switch, 2-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS SPX)	20.19	3.28
26 09 23 00-0518	EA	Two Blanks, 3-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS BPX 3)	40.65	3.28
26 09 23 00-0519	EA	Two Switches, 3-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS SPX 3)	40.65	3.28
26 09 23 00-0520		**360 Degree View Occupancy Sensors (Sensor Switch)** *(26 09 23 00-0496)*		
26 09 23 00-0521		**Passive Infrared, 360 Degree View Occupancy Sensors (Sensor Switch)** *(26 09 23 00-0520)*		
		Note: One photocell or dimming option per occupancy sensor		
26 09 23 00-0522	EA	Low Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CM 9)	263.61	29.51
		For Low Voltage Relay Option, Add	*18.60*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
		For Photocell Option With Dimming Capability, Add	*46.50*	
26 09 23 00-0523	EA	Low Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RM 9)	263.61	29.51
		For Low Voltage Relay Option, Add	*18.60*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
		For Photocell Option With Dimming Capability, Add	*46.50*	
26 09 23 00-0524	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB 9)	263.61	29.51
		For Low Voltage Relay Option, Add	*18.60*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
		For Photocell Option With Dimming Capability, Add	*46.50*	
26 09 23 00-0525	EA	Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 9)	280.66	29.51
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
		For Photocell Option With Dimming Capability, Add	*46.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0526	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 9)	280.66	29.51
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
		For Photocell Option With Dimming Capability, Add	*46.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0527	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 9)	226.10	29.51
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
		For Photocell Option With Dimming Capability, Add	*46.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0528	EA	2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 9 2P)	348.86	29.51
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Photocell Option With Dual Zone On/Off, Add	*46.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0529	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 9 2P)	348.86	29.51
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Photocell Option With Dual Zone On/Off, Add	*46.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0530	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 9 2P)	294.30	29.51
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Photocell Option With Dual Zone On/Off, Add	*46.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0531	EA	Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CM 10)	263.61	29.51
		For Low Voltage Relay Option, Add	*18.60*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
		For Photocell Option With Dimming Capability, Add	*46.50*	
26 09 23 00-0532	EA	Low Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RM 10)	263.61	29.51
		For Low Voltage Relay Option, Add	*18.60*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
		For Photocell Option With Dimming Capability, Add	*46.50*	
26 09 23 00-0533	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB 10)	263.61	29.51
		For Low Voltage Relay Option, Add	*18.60*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
		For Photocell Option With Dimming Capability, Add	*46.50*	
26 09 23 00-0534	EA	Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 10)	280.66	29.51
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
		For Photocell Option With Dimming Capability, Add	*46.50*	
26 09 23 00-0535	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 10)	280.66	29.51
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
		For Photocell Option With Dimming Capability, Add	*46.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0536	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 10)	226.10	29.51
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
		For Photocell Option With Dimming Capability, Add	*46.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0537	EA	2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 10 2P)	348.86	29.51
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Photocell Option With Dual Zone On/Off, Add	*46.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0538	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 10 2P)	348.86	29.51
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Photocell Option With Dual Zone On/Off, Add	*46.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0539	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 10 2P)	294.30	29.51
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Photocell Option With Dual Zone On/Off, Add	*46.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	

26 09 23 00-0540 Dual Technology, 360 Degree View Occupancy Sensors (Sensor Switch) *(26 09 23 00-0520)*

Note: One photocell or dimming option per occupancy sensor. Includes passive infrared and microphonics detection

26 09 23 00-0541	EA	Low Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CM PDT 9)	331.81	29.51
		For Low Voltage Relay Option, Add	*18.60*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
		For Photocell Option With Dimming Capability, Add	*46.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0542	EA	Low Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RM PDT 9)	331.81	29.51
		For Low Voltage Relay Option, Add	*18.60*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
		For Photocell Option With Dimming Capability, Add	*46.50*	
26 09 23 00-0543	EA	Low Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB PDT 9)	331.81	29.51
		For Low Voltage Relay Option, Add	*18.60*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
		For Photocell Option With Dimming Capability, Add	*46.50*	
26 09 23 00-0544	EA	Single Pole, Line Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 9)	314.76	29.51
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
		For Photocell Option With Dimming Capability, Add	*46.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0545	EA	Single Pole, Line Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 9)	314.76	29.51
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
		For Photocell Option With Dimming Capability, Add	*46.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0546	EA	Single Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 9)	260.20	29.51
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
		For Photocell Option With Dimming Capability, Add	*46.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0547	EA	2-Pole, Line Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 9 2P)	382.96	29.51
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Photocell Option With Dual Zone On/Off, Add	*46.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0548	EA	2-Pole, Line Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 9 2P)	382.96	29.51
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Photocell Option With Dual Zone On/Off, Add	*46.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0549	EA	2-Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 9 2P)	328.40	29.51
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Photocell Option With Dual Zone On/Off, Add	*46.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0550	EA	Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CM PDT 10)	331.81	29.51
		For Low Voltage Relay Option, Add	*18.60*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
		For Photocell Option With Dimming Capability, Add	*46.50*	
26 09 23 00-0551	EA	Low Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RM PDT 10)	331.81	29.51
		For Low Voltage Relay Option, Add	*18.60*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
		For Photocell Option With Dimming Capability, Add	*46.50*	
26 09 23 00-0552	EA	Low Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB PDT 10)	331.81	29.51
		For Low Voltage Relay Option, Add	*18.60*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
		For Photocell Option With Dimming Capability, Add	*46.50*	
26 09 23 00-0553	EA	Single Pole, Line Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 10)	314.76	29.51
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
		For Photocell Option With Dimming Capability, Add	*46.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0554	EA	Single Pole, Line Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 10)	314.76	29.51
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
		For Photocell Option With Dimming Capability, Add	*46.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0555	EA	Single Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 10)	260.20	29.51
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
		For Photocell Option With Dimming Capability, Add	*46.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0556	EA	2-Pole, Line Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 10 2P)	382.96	29.51
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Photocell Option With Dual Zone On/Off, Add	*46.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0557	EA	2-Pole, Line Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 10 2P)	382.96	29.51
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Photocell Option With Dual Zone On/Off, Add	*46.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0558	EA	2-Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 10 2P)	328.40	29.51
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Photocell Option With Dual Zone On/Off, Add	*46.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	

26 09 23 00-0559 Wide View And Hallway Occupancy Sensors (Sensor Switch) *(26 09 23 00-0496)*

26 09 23 00-0560 Passive Infrared, Wide View And Hallway Occupancy Sensors (Sensor Switch) *(26 09 23 00-0559)*

26 09 23 00-0561	EA	Low Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WV 16)	263.61	29.51
		For Low Voltage Relay Option, Add	*18.60*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Ceiling Mount, Add	*31.00*	
		For Low Temp/High Humidity Option, Add	*15.50*	
26 09 23 00-0562	EA	Low Voltage, Passive Infrared, Wall Mount, Hallway Occupancy Sensor (Sensor Switch HW 13)	297.71	29.51
		For Low Voltage Relay Option, Add	*18.60*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Ceiling Mount, Add	*31.00*	
		For Low Temp/High Humidity Option, Add	*15.50*	
26 09 23 00-0563	EA	Line Voltage, Passive Infrared, Wall Mount, Hallway Occupancy Sensor (Sensor Switch HWR 13)	365.91	29.51
		For Ceiling Mount, Add	*31.00*	
		For Low Temp/High Humidity Option, Add	*15.50*	
26 09 23 00-0564	EA	Single Pole, Line Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR 16)	348.86	29.51
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Ceiling Mount, Add	*31.00*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0565	EA	2-Pole, Line Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR 16 2P)	417.06	29.51
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Ceiling Mount, Add	*31.00*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	

26 09 23 00-0566 Dual Technology, Wide View And Hallway Occupancy Sensors (Sensor Switch) *(26 09 23 00-0559)*

Note: Includes passive infrared and microphonics detection

26 09 23 00-0567	EA	Low Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WV PDT 16)	331.81	29.51
		For Low Voltage Relay Option, Add	*18.60*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Ceiling Mount, Add	*31.00*	
		For Low Temp/High Humidity Option, Add	*15.50*	
26 09 23 00-0568	EA	Single Pole, Line Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR PDT 16)	382.96	29.51
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Ceiling Mount, Add	*31.00*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0569	EA	2-Pole, Line Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR PDT 16 2P)	451.15	29.51
		For Photocell (Inhibit Mode Only) Option, Add	*18.60*	
		For Ceiling Mount, Add	*31.00*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0570		High Bay Occupancy Sensors (Sensor Switch) *(26 09 23 00-0496)*		
26 09 23 00-0571		Passive Infrared, High Bay Occupancy Sensors (Sensor Switch) *(26 09 23 00-0570)*		
26 09 23 00-0572	EA	Low Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CM 6)	263.61	29.51
		For Photocell Option, Add	*31.00*	
		For Low Voltage Relay Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
26 09 23 00-0573	EA	Low Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RM 6)	263.61	29.51
		For Photocell Option, Add	*31.00*	
		For Low Voltage Relay Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
26 09 23 00-0574	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMB 6)	263.61	29.51
		For Photocell Option, Add	*31.00*	
		For Low Voltage Relay Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
26 09 23 00-0575	EA	Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6)	226.10	29.51
		For Photocell Option, Add	*31.00*	
		For Start To High, HID Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0576	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6)	226.10	29.51
		For Photocell Option, Add	*31.00*	
		For Start To High, HID Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0577	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6)	226.10	29.51
		For Photocell Option, Add	*31.00*	
		For Start To High, HID Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0578	EA	2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 2P)	294.30	29.51
		For Photocell Option, Add	*31.00*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0579	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 2P)	294.30	29.51
		For Photocell Option, Add	*31.00*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0580	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 2P)	294.30	29.51
		For Photocell Option, Add	*31.00*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0581	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 208)	249.97	29.51
		For Photocell Option, Add	*31.00*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0582	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 208)	249.97	29.51
		For Photocell Option, Add	*31.00*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0583	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 208)	249.97	29.51
		For Photocell Option, Add	*31.00*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0584	EA	480 Volt AC, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 480)	249.97	29.51
		For Photocell Option, Add	*31.00*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0585	EA	480 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 480)	249.97	29.51
		For Photocell Option, Add	*31.00*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0586	EA	480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 480)	249.97	29.51
		For Photocell Option, Add	*31.00*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0587	EA	Low Voltage, Passive Infrared, Surface Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HM 50)	297.71	29.51
		For Low Voltage Relay Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
26 09 23 00-0588	EA	Low Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RM 50)	297.71	29.51
		For Low Voltage Relay Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
26 09 23 00-0589	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMB 50)	297.71	29.51
		For Photocell Option, Add	*31.00*	
		For Low Voltage Relay Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
26 09 23 00-0590	EA	Single Pole, Line Voltage, Passive Infrared, Surface Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMR 50)	362.50	29.51
		For Start To High, HID Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0591	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50)	362.50	29.51
		For Start To High, HID Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0592	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50)	362.50	29.51
		For Photocell Option, Add	*31.00*	
		For Start To High, HID Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0593	EA	2-Pole, Line Voltage, Recessed Mount, Passive Infrared, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 2P)	318.17	29.51
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0594	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 2P)	318.17	29.51
		For Photocell Option, Add	*31.00*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0595	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 208)	267.02	29.51
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0596	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 208)	267.02	29.51
		For Photocell Option, Add	*31.00*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0597	EA	480 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 480)	267.02	29.51
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0598	EA	480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 480)	267.02	29.51
		For Photocell Option, Add	*31.00*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0599	EA	Low Voltage, Passive Infrared, Surface Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HM 10)	297.71	29.51
		For Low Voltage Relay Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
26 09 23 00-0600	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMB 10)	297.71	29.51
		For Low Voltage Relay Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
26 09 23 00-0601	EA	Single Pole, Line Voltage, Passive Infrared, Surface Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMR 10)	362.50	29.51
		For Start To High, HID Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0602	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10)	362.50	29.51
		For Start To High, HID Option, Add	*18.60*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Occupancy Controlled Dimming Option, Add	*31.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0603	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 2P)	348.86	29.51
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0604	EA	480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 480)	314.76	29.51
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0605	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 208)	314.76	29.51
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	

26 09 23 00-0606 Occupancy Sensor Power Packs (Sensor Switch) *(26 09 23 00-0495)*

26 09 23 00-0607	EA	Single Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Power Pack With Relay Circuit Protection (Sensor Switch PP20)	147.95	26.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.74*	
26 09 23 00-0608	EA	2-Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Power Pack With Relay Circuit Protection (Sensor Switch PP20 2P)	216.14	26.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.74*	
26 09 23 00-0609	EA	Single Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Power Pack Without Relay Circuit Protection (Sensor Switch MP20)	113.85	26.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.74*	
26 09 23 00-0610	EA	2-Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Slave Pack Without Relay Circuit Protection (Sensor Switch MSP20)	103.62	26.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.74*	
26 09 23 00-0611	EA	20 Amperes, 120/277 Volt AC, Occupancy Sensor Slave Pack (Sensor Switch SP20)	137.72	26.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.74*	
26 09 23 00-0612	EA	120/277 Volt AC, High Intensity Discharge (HID) Power Pack With 20 Minute Start To High Override (Sensor Switch PP20 SH)	222.96	26.23
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.74*	
26 09 23 00-0613	EA	120/277 Volt AC, 2-Pole, Power Pack With Alternating Relays (Sensor Switch PP 2PAR)	222.96	26.23
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.74*	
26 09 23 00-0614	EA	120/277 Volt AC, Power Pack With Momentary Contacts For Latching Contactors Or Relays (Sensor Switch PP 2PM)	222.96	26.23
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.74*	

26 09 23 00-0615 Daylighting Control (Sensor Switch) *(26 09 23 00-0495)*

26 09 23 00-0616	EA	Low Voltage, Ceiling Mount, On-Off Switching Photocell (Sensor Switch CM PC)	229.51	29.51
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Dual Zone Option, Add	*46.50*	
26 09 23 00-0617	EA	Low Voltage, Recessed Mount, On-Off Switching Photocell (Sensor Switch RM PC)	229.51	29.51
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Dual Zone Option, Add	*46.50*	
26 09 23 00-0618	EA	Low Voltage, Fixture (Box) Mount, On-Off Switching Photocell (Sensor Switch CMB PC)	229.51	29.51
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Dual Zone Option, Add	*46.50*	
26 09 23 00-0619	EA	Line Voltage, Ceiling Mount, On-Off Switching Photocell (Sensor Switch CMR PC)	229.51	29.51
		For 480 Volt AC Option, Add	*21.70*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Dual Zone Option, Add	*46.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0620	EA	Line Voltage, Recessed Mount, On-Off Switching Photocell (Sensor Switch RMR PC)	229.51	29.51
		For 480 Volt AC Option, Add	*21.70*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Dual Zone Option, Add	*46.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0621	EA	Line Voltage, Fixture (Box) Mount, On-Off Switching Photocell (Sensor Switch CMRB PC)	229.51	29.51
		For 480 Volt AC Option, Add	*21.70*	
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Dual Zone Option, Add	*46.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0622	EA	Low Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch CM ADC)	229.51	29.51
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Dual Zone Option, Add	*46.50*	
26 09 23 00-0623	EA	Low Voltage, Recessed Mount, Automatic Dimming Control Photocell (Sensor Switch RM ADC)	229.51	29.51
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Dual Zone Option, Add	*46.50*	
26 09 23 00-0624	EA	Low Voltage, Fixture (Box) Mount, Automatic Dimming Control Photocell (Sensor Switch CMB ADC)	229.51	29.51
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Dual Zone Option, Add	*46.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0625	EA	Line Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch CMR ADC)	229.51	29.51
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Dual Zone Option, Add	*46.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0626	EA	Line Voltage, Recessed Mount, Automatic Dimming Control Photocell (Sensor Switch RMR ADC)	229.51	29.51
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Dual Zone Option, Add	*46.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0627	EA	Line Voltage, Fixture (Box) Mount, Automatic Dimming Control Photocell (Sensor Switch CMRB ADC)	229.51	29.51
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Dual Zone Option, Add	*46.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0628	EA	Low Voltage, Ceiling Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CM PC ADC)	331.81	29.51
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Dual Zone Option, Add	*46.50*	
26 09 23 00-0629	EA	Low Voltage, Recessed Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch RM PC ADC)	331.81	29.51
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Dual Zone Option, Add	*46.50*	
26 09 23 00-0630	EA	Low Voltage, Fixture (Box) Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMB PC ADC)	331.81	29.51
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Dual Zone Option, Add	*46.50*	
26 09 23 00-0631	EA	Line Voltage, Ceiling Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMR PC ADC)	331.81	29.51
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Dual Zone Option, Add	*46.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0632	EA	Line Voltage, Recessed Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch RMR PC ADC)	331.81	29.51
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Dual Zone Option, Add	*46.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 09 23 00-0633	EA	Line Voltage, Fixture (Box) Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMRB PC ADC)	331.81	29.51
		For Low Temp/High Humidity Option, Add	*15.50*	
		For Dual Zone Option, Add	*46.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	

26 09 23 00-0634 Occupancy Sensors (Sensor Switch nLight®) *(26 09 23)*

Note: Includes testing of new devices and certification.

26 09 23 00-0635 Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0634)*

Note: Excludes boxes.

26 09 23 00-0636 Wall Switch Mount Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0635)*

26 09 23 00-0637 Dual Technology, Wall Switch Mount Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0636)*

Note: Includes passive infrared and microphonics detection

26 09 23 00-0638	EA	Low Voltage, Dual Technology, Wall Switch Mount Occupancy Sensor With Raise/Lower Dim Control (Sensor Switch nLight® nWSX PDT LV DX)	359.14	13.12

26 09 23 00-0639 360 Degree View Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0635)*

26 09 23 00-0640 Passive Infrared, 360 Degree View Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0639)*

Note: One photocell or dimming option per occupancy sensor

26 09 23 00-0641	EA	Low Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM 9)	424.85	29.51
26 09 23 00-0642	EA	Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM 10)	424.85	29.51
26 09 23 00-0643	EA	Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor With Auto Dimming Control Photocell (Sensor Switch nLight® nCM 10 ADC)	424.85	29.51

26 09 23 00-0644 Dual Technology, 360 Degree View Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0639)*

Note: One photocell or dimming option per occupancy sensor. Includes passive infrared and microphonics detection

26 09 23 00-0645	EA	Low Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 9)	498.01	29.51
26 09 23 00-0646	EA	Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 10)	498.01	29.51
26 09 23 00-0647	EA	2-Channel, Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 10 2P)	516.27	29.51

26 09 23 00-0648 Wide View And Hallway Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0635)*

26 09 23 00-0649 Dual Technology, Wide View And Hallway Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0648)*

Note: Includes passive infrared and microphonics detection

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0650	EA	Low Voltage, Dual Technology, Corner/Ceiling Mount, Wide View Occupancy Sensor (Sensor Switch nLight® nWV PDT 16)	498.01	29.51
26 09 23 00-0651		**High Bay Occupancy Sensors (Sensor Switch nLight®)** *(26 09 23 00-0635)*		
26 09 23 00-0652		**Passive Infrared, High Bay Occupancy Sensors (Sensor Switch nLight®)** *(26 09 23 00-0651)*		
26 09 23 00-0653	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch nLight® nCMB 6)	424.85	29.51
26 09 23 00-0654		**Occupancy Sensor Power Packs (Sensor Switch nLight®)** *(26 09 23 00-0634)*		
26 09 23 00-0655	EA	150mA At 15 Volt DC Output, 120-277 Volt AC Input, Standard Power Supply (Sensor Switch nLight® PS-150)	143.92	26.23
26 09 23 00-0656	EA	250mA At 15 Volt DC Output, 120-277 Volt AC Input, Standard Power Supply (Sensor Switch nLight® PS-250)	180.54	26.23
26 09 23 00-0657	EA	30mA/Port At 15 Volt DC Output, 120-277 Volt AC Input, Dimming Power Pack (Sensor Switch nLight® nEPP5 D KO)	242.70	26.23
26 09 23 00-0658	EA	System Power Pack and Relay, Switching Module (Sensor Switch nLight® nPP 16)	242.70	26.23
26 09 23 00-0659		**Occupancy Sensor Accessories (Sensor Switch nLight®)** *(26 09 23 00-0634)*		
26 09 23 00-0660	EA	RS232 AV Integrator (Sensor Switch nLight® nIO X)	516.27	29.51
26 09 23 00-0661	EA	8 Port, Aggregation Bridge With Power Supply (Sensor Switch nLight® nBRG 8 KIT)	415.46	29.51
26 09 23 00-0662		**Daylighting Controls (Sensor Switch nLight®)** *(26 09 23 00-0634)*		
26 09 23 00-0663	EA	Low Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch nLight® nCM ADC)	351.68	29.51
26 09 23 00-0664		**Controls (Sensor Switch nLight®)** *(26 09 23 00-0634)*		
26 09 23 00-0665	EA	On/Off And Raise/Lower Control, Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM DX)	230.96	29.51
26 09 23 00-0666	EA	1 Scene Controller (2 Buttons), Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM 1SB)	333.42	29.51
26 09 23 00-0667	EA	On/Off Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM)	772.39	29.51
26 09 23 00-0668	EA	3-1/2" Screen, High Resolution Touch Screen Controller, WallPod® Station (Sensor Switch nLight® nPOD GFX)	772.39	29.51
26 09 23 00-0669	EA	3-1/2" Screen, Touch Screen Clock And Network Interface Controller, Gateway (Sensor Switch nLight® nGWY2)	2,894.18	29.51
26 09 23 00-0670		**Occupancy Sensors (Lutron)** *(26 09 23)* Note: Includes testing of new devices and certification.		
26 09 23 00-0671		**Wireless Occupancy Sensors** *(26 09 23 00-0670)*		
26 09 23 00-0672	EA	Wireless, Passive Infrared, Ceiling Mount, 360 Degree View Occupancy/Vacancy Sensor (Lutron® LRF2-OCR2B-P-WH)	171.58	29.51
26 09 23 00-0673	EA	Wireless, Passive Infrared, Ceiling Mount, 360 Degree View Vacancy Sensor (Lutron® LRF2-VCR2B-P-WH)	179.14	29.51
26 09 23 00-0674	EA	Wireless, Passive Infrared, Hallway Wall Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OHLB-P-WH)	173.38	29.51
26 09 23 00-0675	EA	Wireless, Passive Infrared, Hallway Wall Mount, Vacancy Sensor (Lutron® LRF2-VHLB-P-WH)	183.38	29.51
26 09 23 00-0676	EA	Wireless, Passive Infrared, 90 Degree Corner Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OKLB-P-WH)	175.62	29.51
26 09 23 00-0677	EA	Wireless, Passive Infrared, 90 Degree Corner Mount, Vacancy Sensor (Lutron® LRF2-VKLB-P-WH)	183.38	29.51
26 09 23 00-0678	EA	Wireless, Passive Infrared, 180 Degree Wall Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OWLB-P-WH)	171.58	29.51
26 09 23 00-0679	EA	Wireless, Passive Infrared, 180 Degree Wall Mount, Vacancy Sensor (Lutron® LRF2-VWLB-P-WH)	175.62	29.51
26 09 23 00-0680	EA	Wireless, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Lutron® FHB140NP24V)	173.38	29.51
26 09 23 00-0681	EA	Wireless, Dual Technology, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CDT-500-WH)	267.57	29.51
26 09 23 00-0682	EA	Wireless, Dual Technology, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-500R-WH)	285.51	29.51
26 09 23 00-0683	EA	Wireless, Dual Technology, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CDT-1000-WH)	325.88	29.51
26 09 23 00-0684	EA	Wireless, Dual Technology, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-1000R-WH)	343.82	29.51
26 09 23 00-0685	EA	Wireless, Dual Technology, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CDT-2000-WH)	352.79	29.51
26 09 23 00-0686	EA	Wireless, Dual Technology, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-2000R-WH)	370.73	29.51
26 09 23 00-0687	EA	Wireless, Passive Infrared, Ceiling Mount, 450 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CIR-450-WH)	211.05	29.51
26 09 23 00-0688	EA	Wireless, Passive Infrared, Ceiling Mount, 1,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CIR-1500-WH)	222.71	29.51
26 09 23 00-0689	EA	Wireless, Ultrasonic, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CUS-500-WH)	260.84	29.51
26 09 23 00-0690	EA	Wireless, Ultrasonic, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CUS-1000-WH)	290.00	29.51
26 09 23 00-0691	EA	Wireless, Ultrasonic, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CUS-2000-WH)	312.42	29.51
26 09 23 00-0692	EA	Wireless, Passive Infrared, 1,600 SF Coverage, 110 Degree Wall Mount, Occupancy Sensor (Lutron® LOS-WIR-WH)	269.81	29.51
26 09 23 00-0693	EA	Wireless, Passive Infrared, RF Daylight Sensor (Lutron® LRF2-DCRB-WH)	248.03	29.51
26 09 23 00-0694	EA	Wireless, Dual Technology, Wall Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-SIR-HD-WH)	207.50	29.51
26 09 23 00-0695	EA	Wireless, Dual Technology, Wall Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor, Dual Circuit (Lutron® LOS-S2IR-HD-WH)	255.29	29.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0696	EA	Wireless, Switch and Ceiling Retrofit Sensor (Lutron® MRF2-1S8A-10C)	309.88	29.51
26 09 23 00-0697	EA	Wireless, Switch and Hallway Retrofit Sensor (Lutron® MRF2-1S8A-10H)	328.87	29.51
26 09 23 00-0698	EA	Wireless, Switch and Corner Retrofit Sensor (Lutron® MRF2-1S8A-10K)	328.87	29.51
26 09 23 00-0699	EA	Wireless, Switch and Wall Retrofit Sensor (Lutron® MRF2-1S8A-10W)	328.87	29.51
26 09 23 00-0700	EA	Wireless, Switch and Vacancy Retrofit Sensor (Lutron® MRF2-1S8A-10V)	346.28	29.51
26 09 23 00-0701	EA	Wireless, Two Switchs and Wall Retrofit Sensor (Lutron® MRF2-2S8A-10W)	561.65	42.63
26 09 23 00-0702		**Nodes And Modules** *(26 09 23 00-0670)*		
26 09 23 00-0703	EA	0 Wired Inputs, Ceiling Mount, QS Sensor Module (Lutron® QSM2-XW-C)	278.78	29.51
26 09 23 00-0704	EA	0 Wired Inputs, Junction Box Ceiling Mount, QS Sensor Module (Lutron® QSM2-XW-J)	278.78	29.51
26 09 23 00-0705	EA	4 Wired Inputs, Ceiling Mount, QS Sensor Module (Lutron® QSM2-4W-C)	352.79	29.51
26 09 23 00-0706	EA	4 Wired Inputs, Junction Box Ceiling Mount, QS Sensor Module (Lutron® QSM2-4W-J)	352.79	29.51
26 09 23 00-0707	EA	120 Volt, Gang Box Mount, 3-Wire Fluorescent Power Module (Lutron® PHPM-3F-120-WH)	451.30	32.79
26 09 23 00-0708	EA	120 Volt, Gang Box Mount, Switching Power Module (Lutron® PHPM-SW-DV-WH)	451.30	32.79
26 09 23 00-0709	EA	120 Volt, Gang Box Mount, Phase Adaptive Power Module (Lutron® PHPM-PA-120-WH)	547.74	32.79
26 09 23 00-0710	EA	120 Volt, Gang Box Mount, Phase Adaptive Power Module With 3-Wire Fluorescent Input (Lutron® PHPM-WBX-120-WH)	561.19	32.79
26 09 23 00-0711	EA	120/277 Volt, Gang Box Mount, 3-Wire Fluorescent Power Module (Lutron® PHPM-3F-DV-WH)	693.51	32.79
26 09 23 00-0712	EA	120/277 Volt, Gang Box Mount, Phase Adaptive Power Module (Lutron® PHPM-PA-DV-WH)	736.12	32.79
26 09 23 00-0713	EA	120/277 Volt, Gang Box Mount, Phase Adaptive Power Module With 3-Wire Fluorescent Input (Lutron® PHPM-WBX-DV-WH)	778.73	32.79
26 09 23 00-0714	EA	1 Circuit, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-2)	2,106.53	52.47
26 09 23 00-0715	EA	2 Circuits, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-4)	2,069.18	59.02
26 09 23 00-0716	EA	3 Circuits, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-6)	3,035.45	65.58
26 09 23 00-0717		**Other Accessories** *(26 09 23 00-0670)*		
26 09 23 00-0718	EA	Pico® Wireless Control Wallplate Adapter (Lutron® PJ)	44.18	
26 09 23 00-0719	EA	Pico® Wireless Control (Lutron® PJ)	57.35	
26 09 23 00-0720	EA	4-Scene Wireless Remote Control (Lutron® GRX-IT-WH)	170.09	
26 09 23 00-0721	EA	8-Scene Wireless Remote Control (Lutron® GRX-8IT-WH)	324.83	
26 09 23 00-0722	EA	4 Button, EcoSystem® Wall Control With Raise/Lower (Lutron® CC-4BRL)	339.85	29.51
26 09 23 00-0723	EA	seeTouch® QS Wallstation (Lutron® QSWS2)	430.75	29.51
26 09 23 00-0724	EA	seeTouch® QS Wallstation With Infrared Receiver (Lutron® QSWS2)	430.75	29.51
26 09 23 00-0725	EA	120/277 Volt, Energi Savr Node™ With Softswitch®, Fixture Controller (Lutron® QSN-4S16-S)	706.97	32.79
26 09 23 00-0726	EA	120/277 Volt, Energi Savr Node™ For 0-10 V Models, Fixture Controller (Lutron® QSN-4T16-S)	969.36	32.79
26 09 23 00-0727	EA	Control Interface (Lutron® QSE-CI-NWK-E)	1,166.89	29.51
26 09 23 00-0728	EA	1 EcoSystem® Digital Link, Energi Savr Node™, Digital Fixture Controller (Lutron® QSN-1ECO-S)	1,157.94	29.51
26 09 23 00-0729	EA	2 EcoSystem® Digital Links, Energi Savr Node™, Digital Fixture Controller (Lutron® QSN-2ECO-S)	1,550.41	29.51
26 09 23 00-0730	MLF	5 Conductor, Non-Plenum, Low Voltage Grafik Eye Cable (Lutron® GRX-CBL-346S)	2,506.24	916.73
26 09 23 00-0731	MLF	5 Conductor, Plenum Rated, Low Voltage Grafik Eye Cable (Lutron® GRX-PCBL-346S)	3,403.31	916.73
26 09 23 00-0732		**Fixture Mounted Occupancy Sensors (Leviton)** *(26 09 23)*		
		Note: Includes testing of new devices and certification.		
26 09 23 00-0733	EA	120-347 Volt, Passive Infrared, Fixture Mount, 360 Degree View, High Bay Occupancy Sensor (Leviton® OSFHU-ITW)	164.40	29.51
26 09 23 00-0734	EA	480 Volt, Passive Infrared, Fixture Mount, 360 Degree View, High Bay Occupancy Sensor (Leviton® OSFHU-I4W)	143.77	29.51
26 09 23 00-0735	EA	120-347 Volt, Passive Infrared, Fixture Mount, 360 Degree View, Cold Storage Occupancy Sensor (Leviton® OSFHU-CTW)	181.45	29.51
26 09 23 00-0736	EA	480 Volt, Passive Infrared, Fixture Mount, 360 Degree View, Cold Storage Occupancy Sensor (Leviton® OSFHU-C4W)	143.77	29.51
26 09 23 00-0737	EA	120-347 Volt, Dual Detection Occupancy Wall Sensor Switch (Lithonia WSX-PDT)	240.01	13.10
26 09 23 00-0738		**Wireless Enabled Communication Devices For Streetlights** *(26 09 23)*		
		Note: Includes testing of new devices and certification.		
26 09 23 00-0739		**Wireless Enabled Communication Nodes For Streetlights (Roam®)** *(26 09 23 00-0738)*		
26 09 23 00-0740	EA	120/244/277 Voltage, Wireless Enabled Communication Node For Streetlights (Roam® REN127 NM1)	365.95	
26 09 23 00-0741	EA	480 Voltage, Wireless Enabled Communication Node For Streetlights (Roam® REN480 NM1)	512.28	
26 09 23 00-0742		**Wireless Enabled Communication Devices For Streetlights (Roam®)** *(26 09 23 00-0738)*		
26 09 23 00-0743	EA	Retrofit Receptacle Kit (Roam® DUR103)	62.33	
		Note: For adapting light fixtures for use with a NEMA locking type photocontrol.		
26 09 23 00-0744	EA	Wireless Enabled Backbone And Data Backhaul Device, Gateway (Roam® REG127)	14,779.82	73.37
26 09 23 00-0745		**Counter Mounted Consolets** *(26 09 23)*		
26 09 23 00-0746	EA	20" x 24" Type 12, Oil Tight Consolets, Counter Mounted (Schaefer's SPCL-20C24)	718.35	163.70
26 09 23 00-0747		**Lighting Console And Stations** *(26 09 23)*		
26 09 23 00-0748	EA	80 Channel, 40 Faders, Lighting Console (ETC ColorSource CS 40)	5,214.03	163.70
		For Lighting Console Dust Cover (ETC ColorSource CS40DC), Add	*113.00*	
		For Lighting Console Case (ETC ColorSourcePart 11866), Add	*1,204.85*	
26 09 23 00-0749	EA	10 Preset, Lighting Control Station (Doug Fleenor PRE10-A2)	3,601.67	98.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0750		Theatre Lighting Console *(26 09 23)*		
26 09 23 00-0751	EA	Theatre Lighting Console (ETC Colorsource 20)	3,742.56	196.44
26 09 23 00-0752		Emergency Lighting Controls *(26 09 23)*		
26 09 23 00-0753		Emergency Lighting Control Units (Watt Stopper ELCU) *(26 09 23 00-0752)* Note: The ELCU monitors a single circuit and can be wired either as a control device, so that emergency lighting follows the control of normal lighting, or as a bypass device to shunt emergency power around a control device when normal power fails. Includes integral push-to-test button and LED indicator for emergency and normal power.		
26 09 23 00-0754	EA	DIN Rail Mount, Emergency Lighting Control/Bypass Shunt Unit (Watt Stopper ELCU-100)	254.91	32.79
26 09 23 00-0755	EA	1/2" Knockout Mount, Emergency Lighting Control/Bypass Shunt Unit (Watt Stopper ELCU-200)	254.91	32.79
26 09 23 00-0756		Emergency Shunt Relays (Lighting Control & Design GR 2001™) *(26 09 23 00-0752)* Note: Normally-closed, electrically-held relay to be wired in parallel with a wall switch. Manually controlled emergency lighting will be automatically shunted on during a power outage. Includes two-gang NEMA 1 junction box, voltage-separating barrier and plaster ring separating normal and emergency power. Excludes wall plate and switch.		
26 09 23 00-0757	EA	1 Emergency Shunt Relay And NEMA 1 Enclosure (Lighting Control & Design GR 2001™)	422.28	45.90
26 09 23 00-0758	EA	2 Emergency Shunt Relays And NEMA 1 Enclosure (Lighting Control & Design GR 2001™)	576.85	52.47
26 09 23 00-0759	EA	2 Emergency Shunt Relays And NEMA 1 Enclosure (Lighting Control & Design GR 2001™ Dual) Note: Controls normal and emergency lighting from single-pole wall switch.	778.95	59.02
26 09 23 00-0760		Photocells *(26 09 23)*		
26 09 23 00-0761	EA	Plug-In Photocell For Lighting Fixtures (Intermac® LC2000)	102.56	
26 09 23 00-0762	EA	Wired Photocell For Lighting Fixtures (Intermac® K4021C)	233.00	
26 09 23 00-0763		Outdoor Lighting Motion Sensors *(26 09 23)*		
26 09 23 00-0764	EA	70' Range, 180 Degree Detection Zone, 8 Amperes, Switching Capacity, Polycarbonate Housing, Outdoor Motion Sensor (Lithonia OMS 1000)	136.58	32.79
26 09 23 00-0765	EA	70' Range, 200 Degree Detection Zone, 10 Amperes, Switching Capacity, Cast Aluminum Housing, Outdoor Motion Sensor (Lithonia OMS 2000)	149.45	32.79
26 09 23 00-0766	EA	30' Range, 360 Degree Detection Zone, Line Voltage, Plastic Housing, IP66 Rated, Outdoor Motion Sensor With Photocell (SensorSwitch SBOR)	627.37	32.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.67*	
26 09 23 00-0767		Street Light Controls *(26 09 23)*		
26 09 23 00-0768		Photo Controls *(26 09 23 00-0767)*		
26 09 23 00-0769	EA	Photo Control, 120 Volt As Manufactured By Cooper Lighting #RA1014	104.70	
26 09 23 00-0770	EA	Photo Control, Multi-Tap As Manufactured By Cooper Lighting #RA1016	119.34	
26 09 23 00-0771		Connector Node *(26 09 23 00-0767)*		
26 09 23 00-0772	EA	Outdoor Lighting Connector Node (Philips City Touch LLC7260)	568.14	3.81

26 20 Low-Voltage Electrical Distribution *(26)*

26 21 Low-Voltage Electrical Service Entrance *(26 20)*

See CSI section 26 05 13 00-0000 for wire and cables.

26 21 13 Low-Voltage Overhead Electrical Service Entrance *(26 21)*

26 21 13 00-0001		Service Drop Cable And Weatherheads *(26 21 13)*		
26 21 13 00-0002		600 Volt Insulated Stranded Conductors *(26 21 13 00-0001)*		
26 21 13 00-0003		Weatherproof Conduit Hubs *(26 21 13 00-0002)*		
26 21 13 00-0004	EA	1/2" Weatherproof Conduit Hubs	61.16	23.05
26 21 13 00-0005	EA	3/4" Weatherproof Conduit Hubs	69.82	26.19
26 21 13 00-0006	EA	1" Weatherproof Conduit Hubs	81.48	29.34
26 21 13 00-0007	EA	1-1/4" Weatherproof Conduit Hubs	114.24	39.29
26 21 13 00-0008	EA	1-1/2" Weatherproof Conduit Hubs	125.90	42.43
26 21 13 00-0009	EA	2" Weatherproof Conduit Hubs	164.70	49.24
26 21 13 00-0010	EA	2-1/2" Weatherproof Conduit Hubs	219.59	55.52
26 21 13 00-0011	EA	3" Weatherproof Conduit Hubs	285.83	65.48
26 21 13 00-0012	EA	4" Weatherproof Conduit Hubs	500.86	130.96
26 21 13 00-0013		Galvanized Threaded Service Entrance Weatherhead Cap *(26 21 13 00-0002)*		
26 21 13 00-0014	EA	1/2" Galvanized Threaded Service Entrance Weatherhead Cap For #14 Through #10 AWG Cable Service	69.90	23.05
26 21 13 00-0015	EA	3/4" Galvanized Threaded Service Entrance Weatherhead Cap For #12 Through #8 AWG Cable Service	80.29	26.19
26 21 13 00-0016	EA	1" Galvanized Threaded Service Entrance Weatherhead Cap For #6 AWG Cable Service	92.25	29.34
26 21 13 00-0017	EA	1-1/4" Galvanized Threaded Service Entrance Weatherhead Cap For #4 Through #2 AWG Cable Service	124.03	39.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 21 13 00-0018	EA	1-1/2" Galvanized Threaded Service Entrance Weatherhead Cap For #4 Through #2 AWG Cable Service	141.24	42.43
26 21 13 00-0019	EA	2" Galvanized Threaded Service Entrance Weatherhead Cap For 1/0 Through 2/0 AWG Cable Service	188.78	49.24
26 21 13 00-0020	EA	2-1/2" Galvanized Threaded Service Entrance Weatherhead Cap For 3/0 Through 4/0 Cable Service	331.01	55.52
26 21 13 00-0021	EA	3" Galvanized Threaded Service Entrance Weatherhead Cap For 250 Through 350 MCM Cable Service	375.70	65.48
26 21 13 00-0022	EA	4" Galvanized Threaded Service Entrance Weatherhead Cap For 600 Through 750 MCM Cable Service	606.27	130.96
26 21 13 00-0023		Aluminum Clamp-On Service Entrance Weatherhead Cap *(26 21 13 00-0002)*		
26 21 13 00-0024	EA	1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #14 To #12 AWG Cable Service	67.22	23.05
26 21 13 00-0025	EA	3/4" Aluminum Clamp-On Service Entrance Weatherhead Cap For #10 To #8 AWG Cable Service	75.78	26.19
26 21 13 00-0026	EA	1" Aluminum Clamp-On Service Entrance Weatherhead Cap For #6 AWG Cable Service	86.16	29.20
26 21 13 00-0027	EA	1-1/4" Aluminum Clamp-On Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service	114.38	39.29
26 21 13 00-0028	EA	1-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service	128.21	42.43
26 21 13 00-0029	EA	2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 1/0 To 2/0 AWG Cable Service	151.56	49.24
26 21 13 00-0030	EA	2-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 3/0 To 4/0 Cable Service	261.20	55.52
26 21 13 00-0031	EA	3" Aluminum Clamp-On Service Entrance Weatherhead Cap For 250 To 350 MCM Cable Service	340.60	65.48
26 21 13 00-0032	EA	3-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 400 To 500 MCM Cable Service	476.54	98.22
26 21 13 00-0033	EA	4" Aluminum Clamp-On Service Entrance Weatherhead Cap For 600 To 750 MCM Cable Service	564.49	130.96
26 21 13 00-0034		Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap *(26 21 13 00-0002)*		
26 21 13 00-0035	EA	1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #14 To #12 AWG Cable Service	62.96	23.05
26 21 13 00-0036	EA	3/4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #10 To #8 AWG Cable Service	72.03	26.19
26 21 13 00-0037	EA	1" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #6 AWG Cable Service	81.77	29.20
26 21 13 00-0038	EA	1-1/4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service	108.94	39.29
26 21 13 00-0039	EA	1-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service	118.63	42.43
26 21 13 00-0040	EA	2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 1/0 To 2/0 AWG Cable Service	145.28	49.24
26 21 13 00-0041	EA	2-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 3/0 To 4/0 Cable Service	240.94	55.52
26 21 13 00-0042	EA	3" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 250 To 350 MCM Cable Service	270.25	65.48
26 21 13 00-0043	EA	3-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 400 To 500 MCM Cable Service	463.34	98.22
26 21 13 00-0044	EA	4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 600 To 750 MCM Cable Service	641.36	130.96

26 22 Low-Voltage Transformers *(26 20)*

26 22 13 Low-Voltage Distribution Transformers *(26 22)*

26 22 13 00-0001 Single Phase General Purpose "Dry Type" Transformers *(26 22 13)*

Note: 60 HZ type EP and EPT 115 C rise, 185 C insulation, type DT-3 and DS-3 150 C rise, 220 C insulation. Indoor Use. Wall mounted for up to 10 KVA, floor mounted for 15 KVA and larger. DT-3 and DS-3 use weathershields for outdoor placement. UL listed.

26 22 13 00-0002 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers *(26 22 13 00-0001)*

Note: 2-2.5 Percent taps above and 4-2.5 percent taps below.

26 22 13 00-0003	EA	1 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	1,782.65	335.62
26 22 13 00-0004	EA	3 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	2,497.49	402.75
26 22 13 00-0005	EA	5 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	3,258.75	420.20
26 22 13 00-0006	EA	7.5 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	4,026.97	436.31
26 22 13 00-0007	EA	10 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	5,884.08	469.88
26 22 13 00-0008	EA	15 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	7,076.51	503.44
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*455.22*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*303.48*	
26 22 13 00-0009	EA	25 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	7,773.34	537.00
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*502.45*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*334.97*	
26 22 13 00-0010	EA	37.5 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	7,453.38	604.13
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*468.38*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*312.26*	
26 22 13 00-0011	EA	50 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	8,941.67	671.25
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*569.94*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*379.96*	
26 22 13 00-0012	EA	75 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	11,911.77	805.51
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*772.56*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*515.04*	
26 22 13 00-0013	EA	100 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	15,202.01	939.75
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*999.19*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*666.13*	
26 22 13 00-0014	EA	167 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	24,514.40	1,208.25
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,657.34*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,104.89*	
26 22 13 00-0015	EA	250 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	44,875.34	1,476.75
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*3,144.14*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*2,096.09*	
26 22 13 00-0016	EA	333 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	70,990.92	1,678.13
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*5,072.60*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*3,381.73*	

26 22 13 00-0017 240 x 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers *(26 22 13 00-0001)*

Note: 1-10 Percent x 2-5 percent FCBN taps.

26 22 13 00-0018	EA	3 KVA, 240 x 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	1,980.25	402.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0019	EA	5 KVA, 240 x 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	2,429.93	419.53
26 22 13 00-0020	EA	7.5 KVA, 240 x 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	3,100.49	436.31
26 22 13 00-0021	EA	10 KVA, 240 x 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	3,705.42	469.88
26 22 13 00-0022		**240 x 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers** *(26 22 13 00-0001)*		
		Note: 2-5 Percent x 4 - 2.5 percent FCBN taps.		
26 22 13 00-0023	EA	15 KVA, 240 x 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	7,379.99	503.44
26 22 13 00-0024	EA	25 KVA, 240 x 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	8,108.31	537.00
26 22 13 00-0025		**208 x 230 Volt, 120 Volt, General Purpose Dry Type Transformers** *(26 22 13 00-0001)*		
		Note: 1-10 Percent x 2-5 percent FCBN taps.		
26 22 13 00-0026	EA	0.5 KVA, 208/230 Volt - 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	1,459.30	302.07
26 22 13 00-0027	EA	1 KVA, 208/230 Volt - 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	1,665.65	335.62
26 22 13 00-0028	EA	2 KVA, 208/230 Volt - 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	2,224.88	369.19
26 22 13 00-0029	EA	3 KVA, 208/230 Volt - 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	2,599.67	402.75
26 22 13 00-0030	EA	5 KVA, 208/230 Volt - 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	2,948.78	420.20
26 22 13 00-0031	EA	7.5 KVA, 208/230 Volt - 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	3,419.34	436.31
26 22 13 00-0032	EA	10 KVA, 208/230 Volt - 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	4,494.26	469.88
26 22 13 00-0033	EA	15 KVA, 208/230 Volt - 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	6,285.94	503.44
26 22 13 00-0034		**1 Phase Mounting Brackets** *(26 22 13 00-0001)*		
26 22 13 00-0035	EA	1 Phase Mounting Brackets (Set Of 2) For Transformers Up To 100 KVA	669.64	239.30
26 22 13 00-0036		**1 Phase Weathershields** *(26 22 13 00-0001)*		
		Note: Use with types DT-3 and DS-3.		
26 22 13 00-0037	EA	37.5 KVA 1 Phase Weathershields, Set Of 2	218.65	
26 22 13 00-0038	EA	50 KVA 1 Phase Weathershields, Set Of 2	278.70	
26 22 13 00-0039	EA	75 KVA 1 Phase Weathershields, Set Of 2	332.34	
26 22 13 00-0040	EA	100 KVA 1 Phase Weathershields, Set Of 2	396.48	
26 22 13 00-0041	EA	167 KVA 1 Phase Weathershields, Set Of 2	536.41	
26 22 13 00-0042	EA	250 KVA 1 Phase Weathershields, Set Of 2	641.36	
26 22 13 00-0043	EA	333 KVA 1 Phase Weathershields, Set Of 2	787.13	
26 22 13 00-0044		**Packaged Power Supply** *(26 22 13 00-0001)*		
		Note: 2-5 Percent FCBN taps.		
26 22 13 00-0045	EA	5 KVA, 480 Volt - 120/240 Volt, Transformer With 6 - 1 Pole / 3 - 2 Pole Max 20 Amperes Breakers	4,053.51	419.53
26 22 13 00-0046	EA	7.5 KVA, 480 Volt - 120/240 Volt, Transformer With 8 - 1 Pole / 4 - 2 Pole Max 30 Amperes Breakers	4,631.25	436.31
26 22 13 00-0047	EA	10 KVA, 480 Volt - 120/240 Volt, Transformer With 10 - 1 Pole / 5 - 2 Pole Max 40 Amperes Breakers	5,022.49	469.88
26 22 13 00-0048	EA	15 KVA, 480 Volt - 120/240 Volt, Transformer With 16 - 1 Pole / 8 - 2 Pole Max 60 Amperes Breakers	6,305.82	503.44
26 22 13 00-0049	EA	25 KVA, 480 Volt - 120/240 Volt, Transformer With 24 - 1 Pole / 12 - 2 Pole Max 100 Amperes Breakers	8,977.82	537.00
26 22 13 00-0050		**240 Volt, 120/240 Volt, Single Phase Isolation Transformer Computer Grade** *(26 22 13 00-0001)*		
26 22 13 00-0051	EA	0.5 KVA, 240 Volt - 120/240 Volt, 1 Phase, 60 Hertz, Isolation Transformer	3,023.82	302.07
26 22 13 00-0052	EA	1 KVA, 240 Volt - 120/240 Volt, 1 Phase, 60 Hertz, Isolation Transformer	4,431.97	335.62
26 22 13 00-0053	EA	2.5 KVA, 240 Volt - 120/240 Volt, 1 Phase, 60 Hertz, Isolation Transformer	5,149.29	402.75
26 22 13 00-0054	EA	5 KVA, 240 Volt - 120/240 Volt, 1 Phase, 60 Hertz, Isolation Transformer	5,736.74	419.53
26 22 13 00-0055	EA	7.5 KVA, 240 Volt - 120/240 Volt, 1 Phase, 60 Hertz, Isolation Transformer	6,528.29	436.31
26 22 13 00-0056	EA	10 KVA, 240 Volt - 120/240 Volt, 1 Phase, 60 Hertz, Isolation Transformer	8,577.80	469.88
26 22 13 00-0057	EA	15 KVA, 240 Volt - 120/240 Volt, 1 Phase, 60 Hertz, Isolation Transformer	11,315.33	503.44
26 22 13 00-0058		**600 Volt, 208/120 Volt, Dry General Purpose Transformer** *(26 22 13 00-0001)*		
26 22 13 00-0059	EA	15 KVA, 600 Volt, 208 Y / 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	14,127.67	503.44
26 22 13 00-0060	EA	25 KVA, 600 Volt, 208 Y / 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	14,629.69	537.00
26 22 13 00-0061	EA	30 KVA, 600 Volt, 208 Y / 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	15,177.97	570.57
26 22 13 00-0062	EA	37.5 KVA, 600 Volt, 208 Y / 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	20,277.53	604.13
26 22 13 00-0063	EA	45 KVA, 600 Volt, 208 Y / 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	21,055.10	637.69
26 22 13 00-0064	EA	50 KVA, 600 Volt, 208 Y / 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	28,376.98	671.25
26 22 13 00-0065		**3 Phase General Purpose "Dry Type" Transformer** *(26 22 13)*		
		Note: 60 HZ type EP and EPT 115 C rise, 185 C insulation, type DT-3 and DS-3 150 C rise, 220 C insulation. Indoor use. Wall mounted for up to 10 KVA, floor mounted for 15 KVA and larger. DT-3 and DS-3 use weathershields for outdoor placement. UL listed.		
26 22 13 00-0066		**Packaged Power Supply** *(26 22 13 00-0065)*		
		Note: 2-5 Percent FCBN taps.		
26 22 13 00-0067	EA	15 KVA, 480 Volt - 208/120 Volt, Transformer With 12 - 1 Pole / 4 - 3 Pole Max, 40 Amperes Breakers	18,293.94	1,443.20
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*770.38*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,155.57*	
26 22 13 00-0068	EA	22.5 KVA, 480 Volt - 208/120 Volt, Transformer With 18 - 1 Pole / 6 - 3 Pole Max, 60 Amperes Breakers	22,181.04	1,543.89
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*954.66*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,432.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0069	EA	30 KVA, 480 Volt - 208/120 Volt, Transformer With 24 - 1 Pole / 8 - 3 Pole Max, 80 Amperes Breakers	26,783.43	1,678.13
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,171.36*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,757.04*	

26 22 13 00-0070 480 Volt x 208Y/120 Volt, 2-2.5 Percent FCAN And 4-2.5 Percent FCBN Taps *(26 22 13 00-0065)*

26 22 13 00-0071	EA	30 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	12,004.08	738.38
		For K13 Factor Rating, Add	*10,527.33*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*526.37*	
		For K4 Factor Rating, Add	*7,369.13*	
		For K20 Factor Rating, Add	*13,685.53*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*789.55*	
26 22 13 00-0072	EA	37.5 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	14,623.37	805.51
		For K13 Factor Rating, Add	*13,012.36*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*650.62*	
		For K4 Factor Rating, Add	*9,108.65*	
		For K20 Factor Rating, Add	*16,916.07*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*975.93*	
26 22 13 00-0073	EA	45 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	15,242.39	872.63
		For K13 Factor Rating, Add	*13,497.13*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*674.86*	
		For K4 Factor Rating, Add	*9,447.99*	
		For K20 Factor Rating, Add	*17,546.27*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,012.28*	
26 22 13 00-0074	EA	50 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	20,327.09	939.75
		For K13 Factor Rating, Add	*18,447.58*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*922.38*	
		For K4 Factor Rating, Add	*12,913.31*	
		For K20 Factor Rating, Add	*23,981.85*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,383.57*	
26 22 13 00-0075	EA	75 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	19,923.58	1,006.88
		For K13 Factor Rating, Add	*17,909.82*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*895.49*	
		For K4 Factor Rating, Add	*12,536.87*	
		For K20 Factor Rating, Add	*23,282.77*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,343.24*	
26 22 13 00-0076	EA	112.5 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	24,868.55	1,208.25
		For K13 Factor Rating, Add	*22,452.03*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,122.60*	
		For K4 Factor Rating, Add	*15,716.42*	
		For K20 Factor Rating, Add	*29,187.64*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,683.90*	
26 22 13 00-0077	EA	150 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	32,628.26	1,342.51
		For K13 Factor Rating, Add	*29,943.24*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,497.16*	
		For K4 Factor Rating, Add	*20,960.27*	
		For K20 Factor Rating, Add	*38,926.21*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*2,245.74*	
26 22 13 00-0078	EA	225 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	44,728.46	1,678.13
		For K13 Factor Rating, Add	*41,372.19*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*2,068.61*	
		For K4 Factor Rating, Add	*28,960.53*	
		For K20 Factor Rating, Add	*53,783.85*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*3,102.91*	
26 22 13 00-0079	EA	300 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	54,467.28	2,080.88
		For K13 Factor Rating, Add	*50,305.51*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*2,515.28*	
		For K4 Factor Rating, Add	*35,213.86*	
		For K20 Factor Rating, Add	*65,397.16*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*3,772.91*	
26 22 13 00-0080	EA	500 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	78,765.78	2,550.76
		For K13 Factor Rating, Add	*73,664.26*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*3,683.21*	
		For K4 Factor Rating, Add	*51,564.98*	
		For K20 Factor Rating, Add	*95,763.54*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*5,524.82*	
26 22 13 00-0081	EA	750 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	185,859.52	3,089.93
		For K13 Factor Rating, Add	*179,683.99*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*8,984.20*	
		For K4 Factor Rating, Add	*125,778.79*	
		For K20 Factor Rating, Add	*233,589.19*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*13,476.30*	
26 22 13 00-0082	EA	1,000 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	245,938.45	3,356.27
		For K13 Factor Rating, Add	*239,225.91*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*11,961.30*	
		For K4 Factor Rating, Add	*167,458.14*	
		For K20 Factor Rating, Add	*310,993.68*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*17,941.94*	

26 22 13 00-0083 480 Volt x 208Y/120 Volt, 2-2.5 Percent FCAN And 2-2.5 Percent FCBN Taps *(26 22 13 00-0065)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0084	EA	6 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	6,484.13	520.22
		For K4 Factor Rating, Add	*3,810.58*	
		For K13 Factor Rating, Add	*5,443.69*	
		For K20 Factor Rating, Add	*7,076.80*	
26 22 13 00-0085	EA	9 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	8,092.07	553.79
		For K4 Factor Rating, Add	*4,889.16*	
		For K13 Factor Rating, Add	*6,984.51*	
		For K20 Factor Rating, Add	*9,079.86*	
26 22 13 00-0086	EA	15 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	10,791.85	604.13
		For K4 Factor Rating, Add	*6,708.52*	
		For K13 Factor Rating, Add	*9,583.60*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*479.18*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*718.77*	
		For K20 Factor Rating, Add	*12,458.68*	
26 22 13 00-0087		480 Volt x 480Y/277 Volt, 2-2.5 Percent FCAN And 4 Percent FCBN Taps *(26 22 13 00-0065)*		
26 22 13 00-0088	EA	30 KVA, 480 x 480 Y / 277 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	21,515.95	738.38
		For K13 Factor Rating, Add	*20,039.20*	
		For K4 Factor Rating, Add	*14,027.44*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,001.96*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,502.94*	
		For K20 Factor Rating, Add	*26,050.96*	
26 22 13 00-0089	EA	45 KVA, 480 x 480 Y / 277 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	24,044.90	872.63
		For K13 Factor Rating, Add	*22,299.64*	
		For K4 Factor Rating, Add	*15,609.75*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,114.98*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,672.47*	
		For K20 Factor Rating, Add	*28,989.53*	
26 22 13 00-0090	EA	75 KVA, 480 x 480 Y / 277 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	35,928.86	1,006.88
		For K13 Factor Rating, Add	*33,915.10*	
		For K4 Factor Rating, Add	*23,740.57*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,695.76*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*2,543.63*	
		For K20 Factor Rating, Add	*44,089.63*	
26 22 13 00-0091	EA	112.5 KVA, 480 x 480 Y / 277 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	45,195.61	1,208.25
		For K13 Factor Rating, Add	*42,779.09*	
		For K4 Factor Rating, Add	*29,945.36*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*2,138.95*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*3,208.43*	
		For K20 Factor Rating, Add	*55,612.82*	
26 22 13 00-0092	EA	150 KVA, 480 x 480 Y / 277 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	54,615.93	1,342.51
		For K13 Factor Rating, Add	*51,930.91*	
		For K4 Factor Rating, Add	*36,351.64*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*2,596.55*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*3,894.82*	
		For K20 Factor Rating, Add	*67,510.18*	
26 22 13 00-0093	EA	225 KVA, 480 x 480 Y / 277 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	70,077.42	1,678.13
		For K13 Factor Rating, Add	*66,721.15*	
		For K4 Factor Rating, Add	*46,704.81*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*3,336.06*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*5,004.09*	
		For K20 Factor Rating, Add	*86,737.50*	
26 22 13 00-0094	EA	300 KVA, 480 x 480 Y / 277 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	85,139.79	2,080.88
		For K13 Factor Rating, Add	*80,978.02*	
		For K4 Factor Rating, Add	*56,684.61*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*4,048.90*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*6,073.35*	
		For K20 Factor Rating, Add	*105,271.43*	
26 22 13 00-0095	EA	500 KVA, 480 x 480 Y / 277 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	138,103.57	2,550.76
		For K13 Factor Rating, Add	*133,002.05*	
		For K4 Factor Rating, Add	*93,101.44*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*6,650.10*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*9,975.15*	
		For K20 Factor Rating, Add	*172,902.67*	
26 22 13 00-0096		3 Phase 60 Hz K20 Dry Type Transformers *(26 22 13 00-0065)*		
26 22 13 00-0097		3 Phase 60 Hz K20 Dry Type Transformers, 115 C Rise *(26 22 13 00-0096)*		
		Note: 220 C insulation 480 V-208 Y/120 V. 2-2.5 Percent above and 4-2.5 percent taps below.		
26 22 13 00-0098	EA	15 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 115 Degree C Temperature Rise, K20 Dry Type Transformer	10,021.44	604.13
26 22 13 00-0099	EA	30 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 115 Degree C Temperature Rise, K20 Dry Type Transformer	15,437.31	738.38
26 22 13 00-0100	EA	45 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 115 Degree C Temperature Rise, K20 Dry Type Transformer	23,003.58	872.63
26 22 13 00-0101	EA	75 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 115 Degree C Temperature Rise, K20 Dry Type Transformer	29,570.84	1,006.88
26 22 13 00-0102	EA	112.5 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 115 Degree C Temperature Rise, K20 Dry Type Transformer	44,924.69	1,208.25
26 22 13 00-0103	EA	150 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 115 Degree C Temperature Rise, K20 Dry Type Transformer	54,852.98	1,342.51
26 22 13 00-0104	EA	225 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 115 Degree C Temperature Rise, K20 Dry Type Transformer	63,600.87	1,678.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0105	EA	300 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 115 Degree C Temperature Rise, K20 Dry Type Transformer	101,978.81	2,080.88
26 22 13 00-0106		**3 Phase 60 Hz K20 Dry Type Transformers, 80 C Rise** *(26 22 13 00-0096)*		
		Note: 220 C insulation 480 V-208 Y/120 V. 2-2.5 Percent above and 4-2.5 percent taps below.		
26 22 13 00-0107	EA	15 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 80 Degree C Temperature Rise, K20 Dry Type Transformer	11,790.84	604.13
26 22 13 00-0108	EA	30 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 80 Degree C Temperature Rise, K20 Dry Type Transformer	18,231.11	738.38
26 22 13 00-0109	EA	45 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 80 Degree C Temperature Rise, K20 Dry Type Transformer	27,253.54	872.63
26 22 13 00-0110	EA	75 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 80 Degree C Temperature Rise, K20 Dry Type Transformer	35,073.79	1,006.88
26 22 13 00-0111	EA	112.5 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 80 Degree C Temperature Rise, K20 Dry Type Transformer	53,424.63	1,208.25
26 22 13 00-0112	EA	150 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 80 Degree C Temperature Rise, K20 Dry Type Transformer	65,291.65	1,342.51
26 22 13 00-0113	EA	225 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 80 Degree C Temperature Rise, K20 Dry Type Transformer	75,648.09	1,678.13
26 22 13 00-0114	EA	300 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 80 Degree C Temperature Rise, K20 Dry Type Transformer	121,543.91	2,080.88
26 22 13 00-0115		**NEMA Premium Efficient Dry Type Transformers** *(26 22 13 00-0065)*		
26 22 13 00-0116		**Aluminum Windings, NEMA Premium Efficient Dry Type Transformers** *(26 22 13 00-0115)*		
		Note: Two taps at 2.5%, four at -2.5%.		
26 22 13 00-0117		**150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers** *(26 22 13 00-0116)*		
26 22 13 00-0118	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	3,628.75	604.55
26 22 13 00-0119	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	4,427.01	738.90
26 22 13 00-0120	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	5,330.13	873.24
26 22 13 00-0121	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	7,093.04	1,007.58
26 22 13 00-0122	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	9,436.09	1,209.11
26 22 13 00-0123	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	11,676.64	1,343.45
26 22 13 00-0124	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	15,442.12	1,679.31
26 22 13 00-0125	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	21,629.79	2,082.35
26 22 13 00-0126		**115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers** *(26 22 13 00-0116)*		
26 22 13 00-0127	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	4,356.75	604.55
26 22 13 00-0128	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	5,308.84	738.90
26 22 13 00-0129	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	6,405.47	873.24
26 22 13 00-0130	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	8,616.64	1,007.58
26 22 13 00-0131	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	11,008.69	1,209.11
26 22 13 00-0132	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	14,373.57	1,343.45
26 22 13 00-0133	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	19,067.41	1,679.31
26 22 13 00-0134	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	26,869.32	2,082.35
26 22 13 00-0135		**80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers** *(26 22 13 00-0116)*		
26 22 13 00-0136	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	5,081.81	604.55
26 22 13 00-0137	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	6,193.12	738.90
26 22 13 00-0138	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	7,480.82	873.24
26 22 13 00-0139	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	10,137.80	1,007.58
26 22 13 00-0140	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	12,992.80	1,209.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0141	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	17,070.49	1,343.45
26 22 13 00-0142	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	22,692.71	1,679.31
26 22 13 00-0143	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	32,108.85	2,082.35
26 22 13 00-0144		Copper Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0115)*		
		Note: Two taps at 2.5%, four at -2.5%.		
26 22 13 00-0145		150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0144)*		
26 22 13 00-0146	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	4,839.30	604.55
26 22 13 00-0147	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	5,899.18	738.90
26 22 13 00-0148	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	7,120.73	873.24
26 22 13 00-0149	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	9,630.74	1,007.58
26 22 13 00-0150	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	13,022.19	1,209.11
26 22 13 00-0151	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	16,264.60	1,343.45
26 22 13 00-0152	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	21,607.57	1,679.31
26 22 13 00-0153	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	30,543.60	2,082.35
26 22 13 00-0154		115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0144)*		
26 22 13 00-0155	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	5,564.36	604.55
26 22 13 00-0156	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	6,783.46	738.90
26 22 13 00-0157	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	8,196.08	873.24
26 22 13 00-0158	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	11,154.36	1,007.58
26 22 13 00-0159	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	16,882.64	1,209.11
26 22 13 00-0160	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	21,227.33	1,343.45
26 22 13 00-0161	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	27,084.71	1,679.31
26 22 13 00-0162	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	40,216.77	2,082.35
26 22 13 00-0163		80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0144)*		
26 22 13 00-0164	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	6,291.87	604.55
26 22 13 00-0165	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	7,667.73	738.90
26 22 13 00-0166	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	9,271.41	873.24
26 22 13 00-0167	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	12,675.50	1,007.58
26 22 13 00-0168	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	19,983.75	1,209.11
26 22 13 00-0169	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	25,727.11	1,343.45
26 22 13 00-0170	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	32,559.39	1,679.31
26 22 13 00-0171	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	47,942.57	2,082.35
26 22 13 00-0172		3 Phase Weathershields *(26 22 13 00-0065)*		
		Note: Use with type DT-3 and DS-3.		
26 22 13 00-0173	EA	45-112.5 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2	2,328.17	
26 22 13 00-0174	EA	150-300 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2	3,953.66	
26 22 13 00-0175	EA	500-1,000 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2	3,953.66	
26 22 13 00-0176		Three Phase Mounting Brackets *(26 22 13 00-0065)*		
26 22 13 00-0177	EA	3 Phase Mounting Brackets (Set Of 2) For Transformers Up To 112.5 KVA	1,721.43	239.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 24 Switchboards and Panelboards *(26 20)*

26 24 13 Switchboards *(26 24)*

Note: Installation of free-standing building distribution switchboards. Switchboard sections to be mounted on 4" concrete pad. Includes material, handling, unloading at job site, assembly and installation, wiring connections, testing and cleanup. Exclude concrete pad and foundation.

26 24 13 00-0001 Fusible Switch Type 240 Volt, 3 Phase, 3 Wire *(26 24 13)*

26 24 13 00-0002 Incoming Service Section Main Device Only *(26 24 13 00-0001)*

Note: Copper bus, non-metering type, with fuses.

26 24 13 00-0003	EA	400 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	4,258.25	1,145.51
26 24 13 00-0004	EA	600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	4,697.46	1,211.65
26 24 13 00-0005	EA	800 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	7,416.55	1,374.43
26 24 13 00-0006	EA	1,200 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	7,987.12	1,473.43
26 24 13 00-0007	EA	1,600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	12,584.29	1,571.00
26 24 13 00-0008	EA	2,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	14,007.90	1,670.40
26 24 13 00-0009	EA	400 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	5,084.99	1,145.51
26 24 13 00-0010	EA	600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	6,439.81	1,211.65
26 24 13 00-0011	EA	800 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	8,883.88	1,375.60
26 24 13 00-0012	EA	1,200 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	12,033.60	1,473.43
26 24 13 00-0013	EA	1,600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	12,584.29	1,572.58
26 24 13 00-0014	EA	2,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	14,007.90	1,670.40
26 24 13 00-0015	EA	2,500 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	16,757.31	1,746.35
26 24 13 00-0016	EA	3,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	18,969.49	1,870.90
26 24 13 00-0017	EA	4,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	22,333.13	2,016.79
26 24 13 00-0018	EA	400 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	2,960.90	1,014.95
26 24 13 00-0019	EA	600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,257.39	1,080.55
26 24 13 00-0020	EA	800 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,732.99	1,243.86
26 24 13 00-0021	EA	1,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,013.78	1,296.11
26 24 13 00-0022	EA	1,200 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,261.63	1,342.87
26 24 13 00-0023	EA	1,600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,659.57	1,439.78
26 24 13 00-0024	EA	2,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	5,035.63	1,538.53

26 24 13 00-0025 Branch Breaker Units *(26 24 13 00-0001)*

Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 240 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.

26 24 13 00-0026	EA	15 To 60 Amperes, 240 Volt, MC Branch Breaker	348.19	39.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.96*	
26 24 13 00-0027	EA	70 To 100 Amperes, 240 Volt, MC Branch Breaker	511.42	62.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.72*	
26 24 13 00-0028	EA	125 To 225 Amperes, 240 Volt, MC Branch Breaker	1,357.77	114.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*68.75*	
26 24 13 00-0029	EA	100 To 400 Amperes, 240 Volt, MC Branch Breaker	2,394.78	149.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*89.58*	
26 24 13 00-0030	EA	300 To 600 Amperes, 240 Volt, MC Branch Breaker	4,295.10	366.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*219.98*	
26 24 13 00-0031	EA	400 To 800 Amperes, 240 Volt, MC Branch Breaker	6,812.21	366.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*219.98*	
26 24 13 00-0032	EA	600 To 1,200 Amperes, 240 Volt, MC Branch Breaker	11,061.81	653.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*392.10*	

26 24 13 00-0033 Fusible Switch Type 480 Volt, 3 Phase, 3 Wire *(26 24 13)*

26 24 13 00-0034 Incoming Service Section Main Device Only *(26 24 13 00-0033)*

Note: Copper bus, non-metering type, with fuses.

26 24 13 00-0035	EA	400 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch	6,013.17	1,486.40
26 24 13 00-0036	EA	600 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch	6,694.41	1,486.40
26 24 13 00-0037	EA	800 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch	9,739.52	1,931.66
26 24 13 00-0038	EA	1,200 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch	11,004.68	1,931.66

26 24 13 00-0039 Fusible Switch Type 120/240 Volt, 1 Phase, 3 Wire *(26 24 13)*

26 24 13 00-0040 Incoming Service Section Main Device Only *(26 24 13 00-0039)*

Note: Copper bus, non-metering type, with fuses.

26 24 13 00-0041	EA	200/400 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch	3,827.45	1,014.95
26 24 13 00-0042	EA	600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch	4,247.19	1,080.55
26 24 13 00-0043	EA	800 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch	6,386.76	1,243.86
26 24 13 00-0044	EA	1,200 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch	6,936.37	1,341.83
26 24 13 00-0045	EA	200/400 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker	4,612.26	1,014.95
26 24 13 00-0046	EA	600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker	5,766.50	1,080.55
26 24 13 00-0047	EA	800 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker	8,016.76	1,243.86
26 24 13 00-0048	EA	1,200 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker	11,381.96	1,341.83
26 24 13 00-0049	EA	2,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker	13,341.99	1,506.04
26 24 13 00-0050	EA	200/400 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	2,730.40	883.85
26 24 13 00-0051	EA	600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	3,047.79	949.59
26 24 13 00-0052	EA	800 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	3,577.32	1,112.90
26 24 13 00-0053	EA	1,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	3,841.19	1,165.15
26 24 13 00-0054	EA	1,200 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	4,095.32	1,211.65
26 24 13 00-0055	EA	1,600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	4,438.57	1,296.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0056	EA	2,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	4,773.04	1,374.43
26 24 13 00-0057	EA	2,500 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	5,923.59	1,702.48
26 24 13 00-0058	EA	3,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	6,619.21	1,866.19
26 24 13 00-0059	EA	4,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	7,735.01	2,013.52

26 24 13 00-0060 Branch Breaker Units *(26 24 13 00-0039)*

Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 240 V, 2 pole. Use upper range to determine breaker unless designing for future expansion.

26 24 13 00-0061	EA	15 To 60 Amperes, 120 / 240 Volt, MC Branch Breaker	191.16	34.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.82*	
26 24 13 00-0062	EA	70 To 100 Amperes, 120 / 240 Volt, MC Branch Breaker	304.41	57.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.58*	
26 24 13 00-0063	EA	125 To 225 Amperes, 120 / 240 Volt, MC Branch Breaker	898.94	80.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.32*	
26 24 13 00-0064	EA	100 To 400 Amperes, 120 / 240 Volt, MC Branch Breaker	2,546.26	103.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.07*	
26 24 13 00-0065	EA	300 To 600 Amperes, 120/240 Volt, MC Branch Breaker	4,037.50	252.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*151.25*	
26 24 13 00-0066	EA	400 To 800 Amperes, 120/240 Volt, MC Branch Breaker	5,707.74	252.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*151.25*	
26 24 13 00-0067	EA	600 To 1,200 Amperes, 120/240 Volt, MC Branch Breaker	9,431.26	481.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*288.80*	

26 24 13 00-0068 Fusible Switch Type 120/208 Volt, 3 Phase, 4 Wire *(26 24 13)*

26 24 13 00-0069 Incoming Service Section Main Device Only *(26 24 13 00-0068)*

Note: Copper bus, non-metering type, with fuses.

26 24 13 00-0070	EA	400 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	4,259.86	1,145.51
26 24 13 00-0071	EA	600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	4,695.67	1,211.65
26 24 13 00-0072	EA	800 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	7,414.24	1,374.43
26 24 13 00-0073	EA	1,200 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	7,984.47	1,473.43
26 24 13 00-0074	EA	1,600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	12,578.25	1,571.00
26 24 13 00-0075	EA	2,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	14,007.90	1,670.40
26 24 13 00-0076	EA	400 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	5,086.60	1,145.51
26 24 13 00-0077	EA	600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	6,438.02	1,211.65
26 24 13 00-0078	EA	800 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	8,883.88	1,375.60
26 24 13 00-0079	EA	1,200 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	12,030.95	1,473.43
26 24 13 00-0080	EA	1,600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	12,581.26	1,572.58
26 24 13 00-0081	EA	2,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	14,007.90	1,670.40
26 24 13 00-0082	EA	400 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,091.27	1,014.95
26 24 13 00-0083	EA	600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,440.57	1,080.55
26 24 13 00-0084	EA	800 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,007.17	1,243.86
26 24 13 00-0085	EA	1,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,299.39	1,296.11
26 24 13 00-0086	EA	1,200 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,580.76	1,342.87
26 24 13 00-0087	EA	1,600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,967.32	1,439.78
26 24 13 00-0088	EA	2,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	5,359.41	1,538.53
26 24 13 00-0089	EA	2,500 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	6,339.71	1,748.33
26 24 13 00-0090	EA	3,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	6,995.92	1,870.77
26 24 13 00-0091	EA	4,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	8,203.17	2,010.24

26 24 13 00-0092 Branch Breaker Units *(26 24 13 00-0068)*

Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 120/208 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.

26 24 13 00-0093	EA	15 To 60 Amperes, 120/208 Volt, MC Branch Breaker	348.19	39.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.96*	
26 24 13 00-0094	EA	70 To 100 Amperes, 120/208 Volt, MC Branch Breaker	511.42	62.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.72*	
26 24 13 00-0095	EA	125 To 225 Amperes, 120/208 Volt, MC Branch Breaker	1,357.77	114.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*68.75*	
26 24 13 00-0096	EA	100 To 400 Amperes, 120/208 Volt, MC Branch Breaker	2,394.78	149.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*89.58*	
26 24 13 00-0097	EA	300 To 600 Amperes, 120/208 Volt, MC Branch Breaker	4,295.10	366.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*219.98*	
26 24 13 00-0098	EA	400 To 800 Amperes, 120/208 Volt, MC Branch Breaker	6,812.21	366.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*219.98*	
26 24 13 00-0099	EA	600 To 1,200 Amperes, 120/208 Volt, MC Branch Breaker	11,061.81	653.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*392.10*	

26 24 13 00-0100 Fusible Switch Type 277/480 Volt, 3 Phase, 4 Wire *(26 24 13)*

26 24 13 00-0101 Incoming Service Section Main Device Only *(26 24 13 00-0100)*

Note: Copper bus, non-metering type, with fuses.

26 24 13 00-0102	EA	400 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	5,546.80	1,571.00
26 24 13 00-0103	EA	600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	6,072.57	1,670.40
26 24 13 00-0104	EA	800 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	8,489.80	1,864.48
26 24 13 00-0105	EA	1,200 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	9,268.39	1,996.36
26 24 13 00-0106	EA	400 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	6,950.40	1,571.00
26 24 13 00-0107	EA	600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	9,218.53	1,670.40
26 24 13 00-0108	EA	800 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	10,437.65	1,866.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0109	EA	1,200 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	13,076.74	1,996.36
26 24 13 00-0110	EA	1,600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	13,693.69	2,128.77
26 24 13 00-0111	EA	2,000 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	15,189.19	2,261.04
26 24 13 00-0112	EA	400 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,091.27	1,014.95
26 24 13 00-0113	EA	600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,440.57	1,080.55
26 24 13 00-0114	EA	800 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,007.17	1,243.86
26 24 13 00-0115	EA	1,000 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,299.39	1,296.11
26 24 13 00-0116	EA	1,200 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,580.76	1,342.87
26 24 13 00-0117	EA	1,600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,967.32	1,439.78
26 24 13 00-0118	EA	2,000 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	5,359.41	1,538.53

26 24 13 00-0119 Branch Breaker Units *(26 24 13 00-0100)*

Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 480 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.

26 24 13 00-0120	EA	15 To 60 Amperes, 480/277 Volt, MC Branch Breaker	708.74	39.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.96*	
26 24 13 00-0121	EA	70 To 100 Amperes, 480/277 Volt, MC Branch Breaker	821.65	62.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.72*	
26 24 13 00-0122	EA	125 To 225 Amperes, 480/277 Volt, MC Branch Breaker	1,490.25	114.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*68.75*	
26 24 13 00-0123	EA	100 To 400 Amperes, 480/277 Volt, MC Branch Breaker	2,394.78	149.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*89.58*	
26 24 13 00-0124	EA	300 To 600 Amperes, 480/277 Volt, MC Branch Breaker	5,740.63	366.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*219.98*	
26 24 13 00-0125	EA	400 To 800 Amperes, 480/277 Volt, MC Branch Breaker	5,869.76	366.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*219.98*	
26 24 13 00-0126	EA	600 To 1,200 Amperes, 480/277 Volt, MC Branch Breaker	9,436.85	653.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*392.10*	

26 24 13 00-0127 Fusible Branch Circuit Switch *(26 24 13)*

Note: Includes switch fuses, and portion of distribution section occupied by that branch device.

26 24 13 00-0128 240 Volt, 2 Pole Twin Branch Switch Units *(26 24 13 00-0127)*

26 24 13 00-0129	EA	30/30 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit	747.55	102.80
		For Electrical Interlock Kit, Add	*293.16*	
26 24 13 00-0130	EA	30/60 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit	745.04	102.80
		For Electrical Interlock Kit, Add	*293.16*	
26 24 13 00-0131	EA	60/60 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit	745.04	102.80
		For Electrical Interlock Kit, Add	*293.16*	
26 24 13 00-0132	EA	60/100 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit	1,162.07	135.55
		For Electrical Interlock Kit, Add	*293.16*	
26 24 13 00-0133	EA	100/100 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit	1,162.07	135.55
		For Electrical Interlock Kit, Add	*293.16*	

26 24 13 00-0134 240 Volt, 2 Pole Single Branch Switch Units *(26 24 13 00-0127)*

26 24 13 00-0135	EA	100 Amperes, 240 Volt, 2 Pole Single Branch Switch Unit	850.40	100.84
		For Electrical Interlock Kit, Add	*280.84*	
26 24 13 00-0136	EA	200 Amperes, 240 Volt, 2 Pole Single Branch Switch Unit	1,227.00	100.84
		For Electrical Interlock Kit, Add	*280.84*	
26 24 13 00-0137	EA	400 Amperes, 240 Volt, 2 Pole Single Branch Switch Unit	3,157.31	271.75

26 24 13 00-0138 240 Volt, 3 Pole Twin Branch Switch Units *(26 24 13 00-0127)*

26 24 13 00-0139	EA	30/30 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit	953.49	115.90
		For Electrical Interlock Kit, Add	*293.16*	
26 24 13 00-0140	EA	30/60 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit	950.98	115.90
		For Electrical Interlock Kit, Add	*293.16*	
26 24 13 00-0141	EA	60/60 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit	950.98	115.90
		For Electrical Interlock Kit, Add	*293.16*	
26 24 13 00-0142	EA	60/100 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit	1,427.14	155.19
		For Electrical Interlock Kit, Add	*293.16*	
26 24 13 00-0143	EA	100/100 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit	1,427.14	155.19
		For Electrical Interlock Kit, Add	*293.16*	

26 24 13 00-0144 240 Volt, 3 Pole Single Branch Switch Units *(26 24 13 00-0127)*

26 24 13 00-0145	EA	100 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	1,027.67	113.93
		For Electrical Interlock Kit, Add	*293.16*	
26 24 13 00-0146	EA	200 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	1,641.59	113.93
		For Electrical Interlock Kit, Add	*280.84*	
26 24 13 00-0147	EA	400 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	4,211.90	304.22
26 24 13 00-0148	EA	600 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	6,002.24	389.74
26 24 13 00-0149	EA	800 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	11,116.43	528.03

26 24 13 00-0150 600 Volt, 3 Pole Twin Branch Switch Units *(26 24 13 00-0127)*

26 24 13 00-0151	EA	30/30 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	1,333.65	115.90
		For Electrical Interlock Kit, Add	*293.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0152	EA	30/60 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	1,331.11	115.90
		For Electrical Interlock Kit, Add	*293.16*	
26 24 13 00-0153	EA	60/60 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	1,333.65	115.90
		For Electrical Interlock Kit, Add	*293.16*	
26 24 13 00-0154	EA	60/100 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	2,000.74	155.19
		For Electrical Interlock Kit, Add	*293.16*	
26 24 13 00-0155	EA	100/100 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	2,043.19	155.19
		For Electrical Interlock Kit, Add	*293.16*	
26 24 13 00-0156	EA	200/200 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	4,314.74	202.99
		For Electrical Interlock Kit, Add	*293.16*	
26 24 13 00-0157		**600 Volt, 3 Pole, Single Branch Switch Units** *(26 24 13 00-0127)*		
26 24 13 00-0158	EA	100 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	1,437.12	113.93
		For Electrical Interlock Kit, Add	*293.16*	
26 24 13 00-0159	EA	200 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	2,161.40	113.93
		For Electrical Interlock Kit, Add	*280.84*	
26 24 13 00-0160	EA	400 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	5,266.29	304.22
		For Electrical Interlock Kit, Add	*280.84*	
26 24 13 00-0161	EA	600 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	6,401.33	389.74
26 24 13 00-0162	EA	800 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	11,116.43	528.03
26 24 13 00-0163		**Service And Distribution Structures** *(26 24 13)*		
26 24 13 00-0164		**Switchboard Sections** *(26 24 13 00-0163)*		
26 24 13 00-0165	EA	600 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit	4,645.12	1,091.29
26 24 13 00-0166	EA	800 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit	5,084.73	1,186.24
26 24 13 00-0167	EA	1,200 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit	6,386.13	1,515.74
26 24 13 00-0168	EA	1,600 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit	6,982.92	1,653.50
26 24 13 00-0169	EA	2,000 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit	7,446.09	1,760.24
26 24 13 00-0170	EA	400 Amperes, 480 Volt, Switchboard Incoming For Switch Circuit Section	5,412.02	957.32
26 24 13 00-0171	EA	200 Amperes, Distribution Section Subfeeder Lug-Rated	3,203.57	909.39
26 24 13 00-0172	EA	400 Amperes, Distribution Section Subfeeder Lug-Rated	3,542.54	986.13
26 24 13 00-0173	EA	120/208 Or 277/480 Volt, 4 Wire, Distribution Section Aluminum Bus	8,798.06	1,091.29
26 24 13 00-0174	EA	800 Amperes, Switchboard Distribution Section Aluminum Bus Less Breaker	9,440.37	1,094.18
26 24 13 00-0175	EA	1,000 Amperes, Switchboard Distribution Section Aluminum Bus Less Breaker	10,361.51	1,221.60
26 24 13 00-0176	EA	15 To 60 Amperes, 240 Volt, 1 Phase, Feed Section Circuit Breaker FA Frame	184.69	65.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.99*	
26 24 13 00-0177	EA	70 To 100 Amperes, 240 Volt, 3 Phase, Feed Section Circuit Breaker FA Frame	224.56	66.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.24*	
26 24 13 00-0178	EA	70 To 225 Amperes, 480 Volt, 3 Phase, Feed Section Circuit Breaker KA Frame	974.50	78.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.78*	
26 24 13 00-0179	EA	125 To 400 Amperes, 480 Volt, 3 Phase, Feed Section Circuit Breaker LA Frame	1,600.17	169.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*141.73*	
26 24 13 00-0180	EA	100 Amperes, 240 Volt HIC, 3 Phase, Switchboard Feed Section Branch Circuit Breaker	651.12	236.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.85*	
26 24 13 00-0181	EA	225 Amperes, 240 Volt HIC, 3 Phase, Switchboard Feed Section Branch Circuit Breaker	1,766.78	136.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.78*	
26 24 13 00-0182		**Switchboard, Structure Per Section Copper, 480 Volt** *(26 24 13 00-0163)*		
26 24 13 00-0183	EA	225 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	2,408.90	568.37
26 24 13 00-0184	EA	400 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	3,413.22	768.60
26 24 13 00-0185	EA	600 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	3,853.67	935.45
26 24 13 00-0186	EA	800 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	4,903.36	1,309.61
26 24 13 00-0187	EA	1,200 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	6,080.86	1,637.01
26 24 13 00-0188	EA	1,600 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	6,646.24	1,637.01
26 24 13 00-0189	EA	2,000 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	8,258.94	2,182.72
26 24 13 00-0190	EA	2,500 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	9,343.02	2,182.72
26 24 13 00-0191	EA	3,000 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	10,997.23	2,598.39
26 24 13 00-0192	EA	4,000 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	12,992.03	2,598.39
26 24 13 00-0193		**Main Devices** *(26 24 13)*		
26 24 13 00-0194		**Power Circuit Breakers** *(26 24 13 00-0193)*		
26 24 13 00-0195		**DSL Breaker With Current Limiters And Amptector** *(26 24 13 00-0194)*		
		Note: 11 Static trip not applicable to ground-fault or plug in test feature. Manually operated.		
26 24 13 00-0196	EA	50 To 800 Amperes, DSL-206, Main Breaker With Current Limiter, Amptector Static Trip	8,247.75	1,375.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*823.31*	
26 24 13 00-0197	EA	50 To 1,600 Amperes, DSL-416, Main Breaker With Current Limiter, Amptector Static Trip	14,979.53	2,291.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,373.71*	
26 24 13 00-0198	EA	1,200 To 3,200 Amperes, DSL-632, Main Breaker With Current Limiter, Amptector Static Trip	33,296.03	3,850.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2,289.52*	
26 24 13 00-0199	EA	4,000 Amperes, DSL-840, Main Breaker With Current Limiter, Amptector Static Trip	53,703.32	6,233.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3,806.99*	
26 24 13 00-0200	EA	Ground-Fault Trip All Power Breakers - Factory Installed	2,714.71	
26 24 13 00-0201	EA	Key Interlock All Power Breakers - Factory Installed	350.60	
26 24 13 00-0202	EA	Short Time Delay Selective Trip - Factory Installed	459.96	
26 24 13 00-0203	EA	Shunt Trip Manually Open Breakers - Factory Installed	331.30	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0204		**DSL Breaker Electrical Operated And Amptector** *(26 24 13 00-0194)* Note: 11 Static trip not applicable to ground-fault or plug in test feature. Manually operated.		
26 24 13 00-0205	EA	50 To 800 Amperes, DSL-206, Main Breaker, Electrical Operated With Amptector Static Trip	9,610.80	1,440.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*868.44*	
26 24 13 00-0206	EA	50 To 1,600 Amperes, DSL-416, Main Breaker, Electrical Operated With Amptector Static Trip	17,761.72	2,422.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,446.54*	
26 24 13 00-0207	EA	1,200 To 3,200 Amperes, DSL-632, Main Breaker, Electrical Operated With Amptector Static Trip	37,315.43	3,994.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2,407.36*	
26 24 13 00-0208	EA	4,000 Amperes, DSL-840, Main Breaker, Electrical Operated With Amptector Static Trip	57,799.10	6,548.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4,025.42*	
26 24 13 00-0209		**DS Breakers With Amptector Static Trip, Manually Operated** *(26 24 13 00-0194)* Note: Includes integral ground fault and plug-in test provision. Excludes system, add price from section drawout mounted manually operated.		
26 24 13 00-0210	EA	50 To 800 Amperes, DS-206, Main Breaker With Groundfault, Amptector Static Trip	6,619.48	1,257.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*755.54*	
26 24 13 00-0211	EA	50 To 1,600 Amperes, DS-416, Main Breaker With Groundfault, Amptector Static Trip	12,044.06	2,108.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,259.24*	
26 24 13 00-0212	EA	2,000 Amperes, DS-420, Main Breaker With Groundfault, Amptector Static Trip	17,978.43	3,535.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2,098.73*	
26 24 13 00-0213	EA	1,200 To 3,200 Amperes, DS-632, Main Breaker With Groundfault, Amptector Static Trip	30,958.22	5,696.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3,495.39*	
26 24 13 00-0214	EA	4,000 Amperes, DS-840, Main Breaker With Groundfault, Amptector Static Trip	50,447.27	9,298.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5,811.85*	
26 24 13 00-0215		**DS Breakers With Amptector Static Trip, Electrically Operated** *(26 24 13 00-0194)* Note: Includes integral ground fault and plug-in test provision. Excludes system, add price from section drawout mounted electrical operated.		
26 24 13 00-0216	EA	50 To 800 Amperes, DS-206, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	7,715.69	1,204.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*720.62*	
26 24 13 00-0217	EA	50 To 1,600 Amperes, DS-416, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	14,320.93	2,016.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,200.74*	
26 24 13 00-0218	EA	2,000 Amperes, DS-420, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	20,554.35	3,352.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2,004.50*	
26 24 13 00-0219	EA	1,200 To 3,200 Amperes, DS-632, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	33,940.95	5,461.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3,340.83*	
26 24 13 00-0220	EA	4,000 Amperes, DS-840, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	53,271.19	9,363.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5,580.70*	
26 24 13 00-0221		**Molded Case Circuit Breakers Conventional** *(26 24 13 00-0194)*		
26 24 13 00-0222	EA	70 To 225 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker	2,982.32	1,100.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*633.68*	
26 24 13 00-0223	EA	125 To 400 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker	4,232.26	1,100.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*689.27*	
26 24 13 00-0224	EA	300 To 600 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker	4,689.60	1,309.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*755.54*	
26 24 13 00-0225	EA	400 To 800 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker	5,531.50	1,309.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*818.50*	
26 24 13 00-0226	EA	600 To 1,200 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker	8,036.63	1,571.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*896.99*	
26 24 13 00-0227	EA	1,000 To 2,000 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker	12,739.42	1,571.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*992.13*	
26 24 13 00-0228	EA	Shunt Trip, Factory Installed	347.38	
26 24 13 00-0229	EA	Groundfault Trip Complete Interrupting Circuit, Factory Installed	80.41	
26 24 13 00-0230		**Switchboard Branch Breaker 480 Volt** *(26 24 13 00-0193)*		
26 24 13 00-0231	EA	60 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	580.49	94.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.94*	
26 24 13 00-0232	EA	100 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	689.21	125.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.56*	
26 24 13 00-0233	EA	225 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	1,936.82	189.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.81*	
26 24 13 00-0234	EA	400 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	2,556.01	237.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*142.76*	
26 24 13 00-0235	EA	600 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	3,103.71	319.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*191.46*	
26 24 13 00-0236	EA	800 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	3,756.03	409.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*245.55*	
26 24 13 00-0237	EA	1,000 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	6,030.23	623.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*374.17*	
26 24 13 00-0238	EA	1,200 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	6,030.23	623.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*374.17*	
26 24 13 00-0239	EA	1,600 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	8,457.26	873.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*523.84*	
26 24 13 00-0240	EA	2,000 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	10,623.75	1,309.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*785.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0241		**Switchboard 277/480 Volt Main Breaker** *(26 24 13 00-0193)*		
26 24 13 00-0242	EA	400 Amperes, 277/480 Volt, Main Breaker, Switchboard	6,803.86	568.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*341.04*	
26 24 13 00-0243	EA	600 Amperes, 277/480 Volt, Main Breaker, Switchboard	6,911.92	622.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*373.46*	
26 24 13 00-0244	EA	800 Amperes, 277/480 Volt, Main Breaker, Switchboard	7,537.92	935.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*561.26*	
26 24 13 00-0245	EA	1,200 Amperes, 277/480 Volt, Main Breaker, Switchboard	12,799.89	1,309.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*785.76*	
26 24 13 00-0246	EA	1,600 Amperes, 277/480 Volt, Main Breaker, Switchboard	13,078.04	1,448.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*869.21*	
26 24 13 00-0247	EA	2,000 Amperes, 277/480 Volt, Main Breaker, Switchboard	17,485.66	2,598.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,559.05*	
26 24 13 00-0248		**Branch Or Distribution Devices** *(26 24 13)*		
26 24 13 00-0249		**3 Pole, Panel Mounted, Molded Case Circuit Breakers** *(26 24 13 00-0248)*		
		Note: Includes certified refurbished circuit breakers.		
26 24 13 00-0250	EA	15 To 60 Amperes, 600 Volt, Type EHB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	684.21	47.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.43*	
26 24 13 00-0251	EA	70 To 100 Amperes, 600 Volt, Type EHB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	690.13	58.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.29*	
26 24 13 00-0252	EA	125 To 150 Amperes, 600 Volt, Type FB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	1,666.15	70.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.15*	
26 24 13 00-0253	EA	70 To 225 Amperes, 600 Volt, Type JDB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	2,416.92	91.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.90*	
26 24 13 00-0254	EA	125 To 400 Amperes, 600 Volt, Type LBB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	3,408.75	113.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.43*	
26 24 13 00-0255	EA	300 To 600 Amperes, 600 Volt, Type LC, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	4,465.84	132.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*88.40*	
26 24 13 00-0256	EA	900 To 1,000 Amperes, 600 Volt, Type NB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	6,821.32	149.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*99.79*	
26 24 13 00-0257		**2 Pole, Panel Mounted, Molded Case Circuit Breakers** *(26 24 13 00-0248)*		
		Note: Includes certified refurbished circuit breakers.		
26 24 13 00-0258	EA	15 To 60 Amperes, 600 Volt, Type EHB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	471.23	35.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.57*	
26 24 13 00-0259	EA	70 To 100 Amperes, 600 Volt, Type EHB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	605.31	47.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.43*	
26 24 13 00-0260	EA	125 To 150 Amperes, 600 Volt, Type FB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	1,661.14	58.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.29*	
26 24 13 00-0261	EA	70 To 225 Amperes, 600 Volt, Type JDB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	2,634.09	65.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.22*	
26 24 13 00-0262	EA	125 To 400 Amperes, 600 Volt, Type LBB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	2,782.24	85.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.97*	
26 24 13 00-0263	EA	900 To 1,000 Amperes, 600 Volt, Type NB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	6,310.97	123.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.50*	
26 24 13 00-0264		**Meter Devices And Instrumentation** *(26 24 13)*		
		Note: Factory installed accessories.		
26 24 13 00-0265		**Compartments For Instrument Transformers And Metering Devices** *(26 24 13 00-0264)*		
26 24 13 00-0266	EA	Compartment For, Up To 800 Amperes, Primary Current Transformer	419.75	
26 24 13 00-0267	EA	Compartment For, 1,000 To 1,500 Amperes, Primary Current Transformer	606.31	
26 24 13 00-0268	EA	Compartment For, 2,000 To 6,000 Amperes, Primary Current Transformer	714.06	
26 24 13 00-0269		**Instruments** *(26 24 13 00-0264)*		
26 24 13 00-0270	EA	AC Voltmeter	572.53	
26 24 13 00-0271	EA	AC Ammeter	572.53	
26 24 13 00-0272	EA	AC Wattmeter	1,529.44	
26 24 13 00-0273	EA	Variometer	1,727.25	
26 24 13 00-0274	EA	Power Factor Meter	1,379.87	
26 24 13 00-0275	EA	Frequency Meter	1,523.00	
26 24 13 00-0276	EA	200 Volt-Amperes Max Potential Transformer	514.64	
26 24 13 00-0277	EA	AC Watt-hour Meter Indicating 1 Or 2 Element With Test Block And Plug Block	1,937.93	
26 24 13 00-0278	EA	AC Watt-hour Meter Recording 2 Element With Recording KW Demand Type R-2	3,242.21	
26 24 13 00-0279	EA	Weatherproof, Modify Meter	3,220.45	
26 24 13 00-0280	EA	Control Switch Resistor Type 130 V	78.13	
26 24 13 00-0281	EA	Metering Instrument: Voltage, Amperes And Watt Hour	3,910.93	
26 24 16		**Panelboards** *(26 24)*		
26 24 16 00-0001		**Branch Circuit Panelboard** *(26 24 16)*		
		Note: Includes wiring connections, drilling hole (or removing knock-out on residential units), labeling and testing. All NEMA 3R panelboards include weatherproof hubs. Copper bussing. Panelboards with less than a 30 circuit capacity do not have the door in a door trim front option.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0002		**Assembled Lighting And Power Panelboards** *(26 24 16 00-0001)* Note: Includes main lugs or breaker (as indicated). 20 Amp, 1 pole branch circuit plug-on breakers (the number of which is indicated). Panelboard box, trim and connection of main service cable from meter.		
26 24 16 00-0003		**120/240 Volt, 3 Wire, 1 Phase, Main Lugs Assembled Panelboards** *(26 24 16 00-0002)*		
26 24 16 00-0004	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	1,291.69	373.23
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0005	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	1,474.83	373.23
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0006	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	1,680.23	517.30
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0007	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	1,886.54	517.30
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0008	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	2,082.00	648.26
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0009	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	2,282.47	648.26
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0010	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	2,475.81	746.48
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0011	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	2,982.58	956.02
		For NEMA 3R Panelboard, Add	*1,781.85*	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0012	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	3,145.42	956.02
		For NEMA 3R Panelboard, Add	*1,781.85*	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0013	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard WithTwenty-Six 20 Ampere Breakers	3,302.74	1,093.52
		For NEMA 3R Panelboard, Add	*1,781.85*	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0014	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	3,554.97	1,093.52
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0015	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	3,709.04	1,231.03
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0016	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	3,940.85	1,231.03
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0017	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	4,086.15	1,361.99
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0018	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	4,314.48	1,361.99
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0019	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	4,528.26	1,506.04
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0020	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	4,672.71	1,506.04
		For NEMA 3R Panelboard, Add	*2,190.66*	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	
26 24 16 00-0021	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	4,892.07	1,506.04
		For NEMA 3R Panelboard, Add	*2,190.66*	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	
26 24 16 00-0022		**120/240 Volt, 3 Wire, 1 Phase, Main Breaker Assembled Panelboards** *(26 24 16 00-0002)*		
26 24 16 00-0023	EA	50 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Up To 50 Ampere Main Breaker, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	1,507.41	360.14
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0024	EA	50 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Up To 50 Ampere Main Breaker, 12 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	1,693.41	360.14
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0025	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	2,130.10	615.51
		For NEMA 3R Panelboard, Add	*1,620.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0026	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	2,412.90	615.51
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0027	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	2,612.18	753.02
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0028	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Cpacity Assembled Panelboard With Eighteen 20 Ampere Breakers	2,820.38	753.02
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0029	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	3,004.52	903.63
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0030	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	3,628.44	903.63
		For NEMA 3R Panelboard, Add	*1,781.85*	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0031	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	3,793.86	1,106.61
		For NEMA 3R Panelboard, Add	*1,781.85*	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0032	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	3,974.13	1,106.61
		For NEMA 3R Panelboard, Add	*1,781.85*	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0033	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	4,172.23	1,244.13
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0034	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	4,331.56	1,244.13
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0035	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	4,501.90	1,361.99
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0036	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	4,684.92	1,361.99
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0037	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	4,882.71	1,610.82
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0038	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	5,097.79	1,610.82
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0039	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	5,333.30	1,610.82
		For NEMA 3R Panelboard, Add	*2,190.66*	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	
26 24 16 00-0040	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	5,477.26	1,702.48
		For NEMA 3R Panelboard, Add	*2,190.66*	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	
26 24 16 00-0041		120/208 Volt, 4 Wire, 3 Phase, Main Lugs Assembled Panelboards *(26 24 16 00-0002)*		
26 24 16 00-0042	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	1,553.23	425.62
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0043	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	1,749.19	425.62
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0044	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	1,970.43	569.68
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0045	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	2,201.24	569.68
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0046	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	2,409.18	700.63
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0047	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	2,631.84	700.63
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0048	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	2,840.74	831.60
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0049	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	3,060.07	831.60
		For NEMA 3R Panelboard, Add	*1,781.85*	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0050	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	3,260.25	975.66
		For NEMA 3R Panelboard, Add	*1,781.85*	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0051	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	3,490.70	975.66
		For NEMA 3R Panelboard, Add	*1,781.85*	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0052	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	3,728.71	1,126.26
		For NEMA 3R Panelboard, Add	*1,781.85*	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0053	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	3,959.11	1,126.26
		For NEMA 3R Panelboard, Add	*1,781.85*	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0054	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	4,429.40	1,361.99
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0055	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	4,592.98	1,361.99
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0056	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	4,859.94	1,512.59
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0057	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	5,107.27	1,512.59
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0058	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	5,277.76	1,650.11
		For NEMA 3R Panelboard, Add	*2,190.66*	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	
26 24 16 00-0059	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	5,530.07	1,650.11
		For NEMA 3R Panelboard, Add	*2,190.66*	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	
26 24 16 00-0060	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	5,314.35	1,464.14
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0061	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	5,494.63	1,538.79
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0062	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	5,774.54	1,620.64
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0063	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	6,041.90	1,715.58
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0064	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	6,224.14	1,767.97
		For NEMA 3R Panelboard, Add	*2,190.66*	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	
26 24 16 00-0065	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	6,525.45	1,876.01
		For NEMA 3R Panelboard, Add	*2,190.66*	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	
26 24 16 00-0066		**120/208 Volt, 4 Wire, 3 Phase, Main Breaker Assembled Panelboards** *(26 24 16 00-0002)*		
26 24 16 00-0067	EA	50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	1,818.62	412.52
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0068	EA	50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	2,017.25	412.52
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0069	EA	50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	2,250.64	543.48
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0070	EA	50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	2,564.24	543.48
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0071	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	3,063.67	818.50
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0072	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	3,266.02	818.50
		For NEMA 3R Panelboard, Add	*1,620.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0073	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	3,486.84	956.02
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0074	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	3,673.07	956.02
		For NEMA 3R Panelboard, Add	*1,781.85*	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0075	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	3,919.78	1,106.61
		For NEMA 3R Panelboard, Add	*1,781.85*	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0076	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	4,092.91	1,106.61
		For NEMA 3R Panelboard, Add	*1,781.85*	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0077	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	4,362.65	1,244.13
		For NEMA 3R Panelboard, Add	*1,781.85*	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0078	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	4,591.16	1,244.13
		For NEMA 3R Panelboard, Add	*1,781.85*	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0079	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	5,378.50	1,440.57
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0080	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	5,621.81	1,519.14
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0081	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	5,728.37	1,519.14
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0082	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	6,003.09	1,715.58
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0083	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	6,190.18	1,715.58
		For NEMA 3R Panelboard, Add	*2,190.66*	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	
26 24 16 00-0084	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two- 20 Ampere Breakers	6,320.14	1,715.58
		For NEMA 3R Panelboard, Add	*2,190.66*	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	
26 24 16 00-0085	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	6,291.17	1,578.07
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0086	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	6,558.60	1,669.75
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0087	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	6,669.10	1,715.58
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0088	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	6,966.49	1,820.35
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0089	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	7,152.83	1,872.73
		For NEMA 3R Panelboard, Add	*2,190.66*	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	
26 24 16 00-0090	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	7,333.99	1,938.22
		For NEMA 3R Panelboard, Add	*2,190.66*	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	

26 24 16 00-0091 480 Volt, 3 Wire, 3 Phase, Main Lugs Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0092	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	1,733.58	419.08
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0093	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	1,989.60	419.08
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0094	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	2,234.39	576.23
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0095	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	2,490.37	576.23
		For NEMA 3R Panelboard, Add	*1,620.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0096	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	2,728.02	720.28
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0097	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	2,979.30	720.28
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0098	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard WithTwenty 20 Ampere Breakers	3,242.24	870.89
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0099	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	3,481.86	870.89
		For NEMA 3R Panelboard, Add	*1,781.85*	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0100	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard WithTwenty-Four 20 Ampere Breakers	3,746.92	1,034.59
		For NEMA 3R Panelboard, Add	*1,781.85*	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0101	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	4,002.26	1,034.59
		For NEMA 3R Panelboard, Add	*1,781.85*	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0102	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	4,235.70	1,178.64
		For NEMA 3R Panelboard, Add	*1,781.85*	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0103	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	4,486.97	1,178.64
		For NEMA 3R Panelboard, Add	*1,781.85*	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0104	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	5,031.18	1,434.01
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0105	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	5,282.15	1,434.01
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0106	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	5,550.40	1,571.53
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0107	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty- Eight 20 Ampere Breakers	5,741.81	1,571.53
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0108	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	6,042.13	1,735.23
		For NEMA 3R Panelboard, Add	*2,190.66*	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	
26 24 16 00-0109	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	6,251.84	1,735.23
		For NEMA 3R Panelboard, Add	*2,190.66*	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	

26 24 16 00-0110 480 Volt, 3 Wire, 3 Phase, Main Breaker Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0111	EA	50 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Up To 50 Amp Main Breaker, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	2,194.53	445.26
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0112	EA	50 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Up To 50 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	2,444.33	484.55
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0113	EA	50 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Up To 50 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	2,697.08	602.42
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0114	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers,	3,247.49	733.38
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0115	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	3,490.80	811.95
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0116	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Amp Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	3,711.10	877.44
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0117	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	3,955.59	956.02
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0118	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	4,190.22	1,034.59
		For NEMA 3R Panelboard, Add	*1,781.85*	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0119	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	4,403.48	1,100.07
		For NEMA 3R Panelboard, Add	*1,781.85*	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0120	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	4,633.48	1,165.54
		For NEMA 3R Panelboard, Add	*1,781.85*	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0121	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	4,883.75	1,244.13
		For NEMA 3R Panelboard, Add	*1,781.85*	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0122	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	5,158.84	1,342.35
		For NEMA 3R Panelboard, Add	*1,781.85*	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0123	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	6,425.62	1,492.94
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0124	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	6,688.70	1,584.62
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0125	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	6,870.90	1,623.91
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0126	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	7,168.81	1,728.68
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0127	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Cpacity Assembled Panelboard With Forty 20 Ampere Breakers	7,370.91	1,794.16
		For NEMA 3R Panelboard, Add	*2,190.66*	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	
26 24 16 00-0128	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	7,581.11	1,850.48
		For NEMA 3R Panelboard, Add	*2,190.66*	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	

26 24 16 00-0129 277/480 Volt, 4 Wire, 3 Phase, Main Lugs Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0130	EA	100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	2,094.04	458.36
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0131	EA	100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	2,376.29	458.36
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0132	EA	100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	2,650.59	608.97
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0133	EA	100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	2,927.33	608.97
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0134	EA	100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	3,208.98	753.02
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0135	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	3,484.28	753.02
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0136	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	3,764.52	903.63
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0137	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	4,043.48	903.63
		For NEMA 3R Panelboard, Add	*1,781.85*	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0138	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	4,350.59	1,060.78
		For NEMA 3R Panelboard, Add	*1,781.85*	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0139	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	4,603.77	1,060.78
		For NEMA 3R Panelboard, Add	*1,781.85*	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0140	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	4,872.69	1,067.32
		For NEMA 3R Panelboard, Add	*1,781.85*	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0141	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 32 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	5,160.63	1,067.32
		For NEMA 3R Panelboard, Add	*1,781.85*	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0142	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	5,886.33	1,479.86
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0143	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	6,180.48	1,479.86
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0144	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	6,401.71	1,558.43
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0145	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	6,725.28	1,663.20
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0146	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	6,963.22	1,663.20
		For NEMA 3R Panelboard, Add	*2,190.66*	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	
26 24 16 00-0147	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	7,325.18	1,820.35
		For NEMA 3R Panelboard, Add	*2,190.66*	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	

26 24 16 00-0148 277/480 Volt, 4 Wire, 3 Phase, Main Breaker Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0149	EA	50 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	2,709.96	563.13
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0150	EA	50 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	2,999.49	563.13
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0151	EA	50 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	3,277.15	746.48
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0152	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	3,907.13	746.48
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0153	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	4,177.53	942.92
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0154	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	4,447.44	942.92
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0155	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	4,707.51	1,080.42
		For NEMA 3R Panelboard, Add	*1,620.27*	
26 24 16 00-0156	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	4,946.18	1,080.42
		For NEMA 3R Panelboard, Add	*1,781.85*	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0157	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	5,201.61	1,231.03
		For NEMA 3R Panelboard, Add	*1,781.85*	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0158	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	5,477.29	1,231.03
		For NEMA 3R Panelboard, Add	*1,781.85*	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0159	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	5,711.28	1,361.99
		For NEMA 3R Panelboard, Add	*1,781.85*	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0160	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	5,957.96	1,361.99
		For NEMA 3R Panelboard, Add	*1,781.85*	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0161	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	7,700.18	1,610.82
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0162	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	8,003.57	1,610.82
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0163	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	8,221.32	1,761.41
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0164	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	8,563.10	1,761.41
		For NEMA 3R Panelboard, Add	*2,104.80*	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0165	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	8,802.95	1,925.12
		For NEMA 3R Panelboard, Add	*2,190.66*	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0166	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	9,051.76	1,925.12
		For NEMA 3R Panelboard, Add	*2,190.66*	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	
26 24 16 00-0167	EA	400 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	10,688.21	2,143.83
		For NEMA 3R Panelboard, Add	*2,190.66*	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	
26 24 16 00-0168	EA	600 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >400 To 600 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	12,998.74	2,573.37
		For NEMA 3R Panelboard, Add	*2,190.66*	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	

26 24 16 00-0169 Unassembled Lighting And Power Panelboards *(26 24 16 00-0001)*

Note: Includes the main device (lugs or breaker), connection of main service cable from meter and that portion of the panel box, trim and interior occupied by that device. Spaces include that portion of the panel box, trim and interior reserved by that space. The maximum single pole capacity of the panelboard main device (lugs, breakers) is indicated. Excludes branch breakers. A complete panelboard will be the sum of main device and the branch circuit breakers and spaces (within the capacity of the main device). See CSI section 26 28 16 13-0001 for circuit breakers.

26 24 16 00-0170 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0169)*

Note: As manufactured by Square D or equal. Accepts plug-on and bolt-on breakers.

26 24 16 00-0171 Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0170)*

26 24 16 00-0172	EA	100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	651.68
26 24 16 00-0173	EA	100 Ampere Rating, 20 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	752.03
26 24 16 00-0174	EA	225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,033.70
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*
26 24 16 00-0175	EA	225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,195.08
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*
26 24 16 00-0176	EA	225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,354.21
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*
26 24 16 00-0177	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,518.85
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*
26 24 16 00-0178	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,650.73
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*
26 24 16 00-0179	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,809.75
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*
26 24 16 00-0180	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,003.51
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*
26 24 16 00-0181	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,136.02
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*
26 24 16 00-0182	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,338.39
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*

26 24 16 00-0183 Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0170)*

26 24 16 00-0184	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	972.24
26 24 16 00-0185	EA	100 Ampere Rating, 20 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,105.24
26 24 16 00-0186	EA	225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,778.27
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*
26 24 16 00-0187	EA	225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,978.88
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*
26 24 16 00-0188	EA	225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,169.29
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*
26 24 16 00-0189	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	3,706.44
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*
26 24 16 00-0190	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	3,940.88
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*
26 24 16 00-0191	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	4,150.13
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0192		**Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards** *(26 24 16 00-0170)*		
26 24 16 00-0193	EA	100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,292.96	
26 24 16 00-0194	EA	100 Ampere Rating, 20 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,385.98	
26 24 16 00-0195	EA	225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,652.38	
26 24 16 00-0196	EA	225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,810.70	
26 24 16 00-0197	EA	225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,958.23	
26 24 16 00-0198	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,241.36	
26 24 16 00-0199	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,365.30	
26 24 16 00-0200	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,516.98	
26 24 16 00-0201	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,766.93	
26 24 16 00-0202	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,894.72	
26 24 16 00-0203	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	3,085.65	
26 24 16 00-0204		**Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards** *(26 24 16 00-0170)*		
26 24 16 00-0205	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,606.19	
26 24 16 00-0206	EA	100 Ampere Rating, 20 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,731.25	
26 24 16 00-0207	EA	225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,515.43	
26 24 16 00-0208	EA	225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,701.39	
26 24 16 00-0209	EA	225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,880.81	
26 24 16 00-0210	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	4,402.68	
26 24 16 00-0211	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	4,629.80	
26 24 16 00-0212	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	4,837.21	
26 24 16 00-0213		**240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards** *(26 24 16 00-0169)*		
		Note: As manufactured by Square D or equal. Accepts plug-on and bolt-on breakers		
26 24 16 00-0214		**Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards** *(26 24 16 00-0213)*		
26 24 16 00-0215	EA	100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	736.29	
26 24 16 00-0216	EA	100 Ampere Rating, 24 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	867.62	
26 24 16 00-0217	EA	100 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	979.94	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0218	EA	225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,116.37	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0219	EA	225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,286.19	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0220	EA	225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,426.08	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	
26 24 16 00-0221	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,645.43	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0222	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,775.13	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0223	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,919.42	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	
26 24 16 00-0224	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,143.49	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0225	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,361.67	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0226	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,782.20	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	

26 24 16 00-0227 Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*

26 24 16 00-0228	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,138.12	
26 24 16 00-0229	EA	100 Ampere Rating, 24 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,284.89	
26 24 16 00-0230	EA	100 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,488.80	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0231	EA	225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,190.46	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0232	EA	225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,374.07	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0233	EA	225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,550.79	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	
26 24 16 00-0234	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,509.64	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0235	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,729.53	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0236	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,911.11	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	

26 24 16 00-0237 Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*

26 24 16 00-0238	EA	100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,377.57	
26 24 16 00-0239	EA	100 Ampere Rating, 24 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,501.56	
26 24 16 00-0240	EA	100 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,605.95	
26 24 16 00-0241	EA	225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,735.05	
26 24 16 00-0242	EA	225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,901.81	
26 24 16 00-0243	EA	225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,030.10	
26 24 16 00-0244	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,367.93	
26 24 16 00-0245	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,489.70	
26 24 16 00-0246	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,626.66	
26 24 16 00-0247	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,906.91	
26 24 16 00-0248	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,111.04	
26 24 16 00-0249	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,531.58	

26 24 16 00-0250 Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*

26 24 16 00-0251	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,772.07	
26 24 16 00-0252	EA	100 Ampere Rating, 24 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,910.90	
26 24 16 00-0253	EA	100 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,110.53	
26 24 16 00-0254	EA	225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,927.62	
26 24 16 00-0255	EA	225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,096.58	
26 24 16 00-0256	EA	225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,262.30	
26 24 16 00-0257	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	4,846.18	
26 24 16 00-0258	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	5,072.42	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0259	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	5,264.76	

26 24 16 00-0260 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0169)*

Note: As manufactured by Square D or equal.

26 24 16 00-0261 Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*

26 24 16 00-0262	EA	125 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,042.91	
26 24 16 00-0263	EA	125 Ampere Rating, 18 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,148.61	
26 24 16 00-0264	EA	250 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,592.70	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0265	EA	250 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,779.11	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0266	EA	250 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,940.70	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	
26 24 16 00-0267	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,948.90	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0268	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,057.91	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0269	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,238.04	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	
26 24 16 00-0270	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,402.49	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0271	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,575.68	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0272	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,815.66	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	

26 24 16 00-0273 Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*

26 24 16 00-0274	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,115.49	
26 24 16 00-0275	EA	100 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,182.08	
26 24 16 00-0276	EA	125 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,370.51	
26 24 16 00-0277	EA	125 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,502.39	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0278	EA	125 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,773.87	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0279	EA	250 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,602.74	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0280	EA	250 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,767.49	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0281	EA	250 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,981.89	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	
26 24 16 00-0282	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,130.88	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0283	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,364.19	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0284	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,573.06	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	

26 24 16 00-0285 Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*

26 24 16 00-0286	EA	125 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,662.20	
26 24 16 00-0287	EA	125 Ampere Rating, 18 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,767.90	
26 24 16 00-0288	EA	250 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,197.33	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0289	EA	250 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,490.01	
26 24 16 00-0290	EA	250 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,639.38	
26 24 16 00-0291	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,647.58	
26 24 16 00-0292	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,738.27	
26 24 16 00-0293	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,892.14	
26 24 16 00-0294	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,117.66	
26 24 16 00-0295	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,275.94	
26 24 16 00-0296	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,483.94	

26 24 16 00-0297 Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*

26 24 16 00-0298	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,866.70	
26 24 16 00-0299	EA	100 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,933.29	
26 24 16 00-0300	EA	125 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,980.64	
26 24 16 00-0301	EA	125 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,107.02	
26 24 16 00-0302	EA	125 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,484.77	
26 24 16 00-0303	EA	250 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,301.42	
26 24 16 00-0304	EA	250 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,447.85	
26 24 16 00-0305	EA	250 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,635.99	
26 24 16 00-0306	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,784.98	
26 24 16 00-0307	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	5,001.58	
26 24 16 00-0308	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	5,207.96	

26 24 16 00-0309 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0169)*

Note: As manufactured by Square D or equal.

26 24 16 00-0310 Main Lugs, NEMA 1, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*

26 24 16 00-0311	EA	125 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,084.44	
26 24 16 00-0312	EA	125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,190.75	
26 24 16 00-0313	EA	125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,379.97	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0314	EA	250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,653.82	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0315	EA	250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,841.59	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0316	EA	250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,002.00	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	
26 24 16 00-0317	EA	400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,029.58	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0318	EA	400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,158.07	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0319	EA	400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,336.80	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	
26 24 16 00-0320	EA	600 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,501.38	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0321	EA	600 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,675.59	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0322	EA	600 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,916.56	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0323		Main Breaker, NEMA 1, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*		
26 24 16 00-0324	EA	100 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,329.25	
26 24 16 00-0325	EA	100 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,396.45	
26 24 16 00-0326	EA	100 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,598.40	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0327	EA	125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,664.36	
26 24 16 00-0328	EA	125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,796.73	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0329	EA	125 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	3,067.56	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0330	EA	250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	3,947.34	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0331	EA	250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,114.07	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0332	EA	250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,326.21	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	
26 24 16 00-0333	EA	400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,543.80	
		For Door-In-Door (Hinged) Trim Front, Add	*130.20*	
26 24 16 00-0334	EA	400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,779.27	
		For Door-In-Door (Hinged) Trim Front, Add	*222.37*	
26 24 16 00-0335	EA	400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,988.09	
		For Door-In-Door (Hinged) Trim Front, Add	*284.20*	
26 24 16 00-0336		Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*		
26 24 16 00-0337	EA	125 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	1,703.73	
26 24 16 00-0338	EA	125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	1,810.04	
26 24 16 00-0339	EA	125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	1,990.10	
26 24 16 00-0340	EA	250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,258.45	
26 24 16 00-0341	EA	250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,552.49	
26 24 16 00-0342	EA	250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,700.69	
26 24 16 00-0343	EA	400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,730.10	
26 24 16 00-0344	EA	400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,838.43	
26 24 16 00-0345	EA	400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,990.90	
26 24 16 00-0346	EA	600 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	3,216.56	
26 24 16 00-0347	EA	600 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	3,375.49	
26 24 16 00-0348	EA	600 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	3,583.49	
26 24 16 00-0349		Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*		
26 24 16 00-0350	EA	100 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	2,933.88	
26 24 16 00-0351	EA	100 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,001.08	
26 24 16 00-0352	EA	100 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,309.30	
26 24 16 00-0353	EA	125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,274.49	
26 24 16 00-0354	EA	125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,401.36	
26 24 16 00-0355	EA	125 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,778.46	
26 24 16 00-0356	EA	250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	4,646.02	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0357	EA	250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	4,794.43	
26 24 16 00-0358	EA	250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	4,980.31	
26 24 16 00-0359	EA	400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	5,197.90	
26 24 16 00-0360	EA	400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	5,416.27	
26 24 16 00-0361	EA	400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	5,622.04	

26 24 16 00-0362 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards *(26 24 16 00-0169)*

Note: Square D I-Line or equal.

26 24 16 00-0363 Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards *(26 24 16 00-0362)*

26 24 16 00-0364	EA	400 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	1,921.37	389.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*233.69*	
26 24 16 00-0365	EA	400 Ampere Rating, 45" Breaker Mounted Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,227.48	389.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*233.62*	
26 24 16 00-0366	EA	400 Ampere Rating, 63" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,458.01	389.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*233.62*	
26 24 16 00-0367	EA	600 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,869.71	639.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*383.66*	
26 24 16 00-0368	EA	600 Ampere Rating, 45" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,048.13	639.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*383.66*	
26 24 16 00-0369	EA	600 Ampere Rating, 63" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,243.93	639.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*383.66*	
26 24 16 00-0370	EA	800 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,558.44	850.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*509.99*	
26 24 16 00-0371	EA	800 Ampere Rating, 45" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,731.00	852.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*511.54*	
26 24 16 00-0372	EA	800 Ampere Rating, 63" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,800.02	850.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*509.99*	
26 24 16 00-0373	EA	800 Ampere Rating, 99" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	4,366.10	850.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*509.99*	
26 24 16 00-0374	EA	1,200 Ampere Rating, 27" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	5,748.09	1,278.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*767.31*	
26 24 16 00-0375	EA	1,200 Ampere Rating, 45" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	6,133.36	1,278.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*767.31*	
26 24 16 00-0376	EA	1,200 Ampere Rating, 63" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	6,448.37	1,278.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*767.31*	
26 24 16 00-0377	EA	1,200 Ampere Rating, 99" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	6,832.86	1,278.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*767.31*	

26 24 16 00-0378 Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards *(26 24 16 00-0362)*

26 24 16 00-0379	EA	225 Ampere Rating, 36" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,593.40	397.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*238.62*	
26 24 16 00-0380	EA	400 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	4,693.42	451.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*270.67*	
26 24 16 00-0381	EA	400 Ampere Rating, 45" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	4,916.06	451.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*270.67*	
26 24 16 00-0382	EA	400 Ampere Rating, 81" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	5,571.34	451.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*270.67*	
26 24 16 00-0383	EA	600 Ampere Rating, 36" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	7,317.36	739.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*443.70*	
26 24 16 00-0384	EA	600 Ampere Rating, 72" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	7,686.04	741.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*444.88*	
26 24 16 00-0385	EA	600 Ampere Rating, 72" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	7,988.44	739.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*443.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0386	EA	800 Ampere Rating, 36" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	9,269.86	988.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*593.17*	
26 24 16 00-0387	EA	800 Ampere Rating, 72" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	9,704.21	985.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*591.08*	
26 24 16 00-0388	EA	800 Ampere Rating, 72" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	10,138.43	985.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*591.08*	

26 24 16 00-0389 Residential Lighting And Power Panelboards *(26 24 16 00-0001)*

See CSI section 26 28 16 13-0001 for circuit breakers.

26 24 16 00-0390 Residential Type Unassembled Load Center *(26 24 16 00-0389)*

Note: Interior box and cover, includes ground bar kit.

26 24 16 00-0391 Main Lug Load Center, 3 Phase, 4 Wire, 208 Y/120 Volt AC *(26 24 16 00-0390)*

Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 Volt AC Delta.

26 24 16 00-0392	EA	60 Ampere Rating, 3 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	230.52	72.03
26 24 16 00-0393	EA	125 Ampere Rating, 3 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	397.80	78.58

26 24 16 00-0394 Main Lug Load Center, Single Phase, 3 Wire, 120/240 Volt, Rainproof *(26 24 16 00-0390)*

26 24 16 00-0395	EA	40 Ampere Rating, 2 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	234.06	72.03
26 24 16 00-0396	EA	70 Ampere Rating, 4 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	260.55	78.58
26 24 16 00-0397	EA	100 Ampere Rating, 8 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	942.78	373.89
26 24 16 00-0398	EA	150 Ampere Rating, 30 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	2,139.37	851.24

26 24 16 00-0399 Main Lug Load Center, 3 Phase, 4 Wire, 208 Y/120 Volt AC *(26 24 16 00-0390)*

Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 Volt AC Delta, Rainproof.

26 24 16 00-0400	EA	60 Ampere Rating, 3 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard	284.37	72.03
26 24 16 00-0401	EA	125 Ampere Rating, 20 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard	2,057.07	785.90

26 24 16 00-0402 Main Breaker Load Center, Single Phase, 3 Wire, 120/240 Volt *(26 24 16 00-0390)*

26 24 16 00-0403	EA	125 Ampere Rating, 24 Circuit, Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	2,195.39	785.90
26 24 16 00-0404	EA	150 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	2,382.48	851.24
26 24 16 00-0405	EA	300 Ampere Rating, 42 Circuit, Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	7,873.07	1,309.61

26 24 16 00-0406 Main Breaker Load Center, 3 Phase, 4 Wire, 208 Y/120 Volt AC *(26 24 16 00-0390)*

Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 V Delta.

26 24 16 00-0407	EA	125 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	3,089.04	785.90
26 24 16 00-0408	EA	150 Ampere Rating, 40 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	3,367.67	851.24
26 24 16 00-0409	EA	300 Ampere Rating, 42 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	8,625.00	1,309.61

26 24 16 00-0410 Main Breaker Load Center, Single Phase, 3 Wire, 120/240 Volt, Rainproof *(26 24 16 00-0390)*

26 24 16 00-0411	EA	125 Ampere Rating, 24 Circuit, Main Breaker Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	2,295.40	785.90
26 24 16 00-0412	EA	150 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	2,553.27	851.24

26 24 16 00-0413 Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC *(26 24 16 00-0390)*

Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 Volt AC Delta, Rainproof.

26 24 16 00-0414	EA	125 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard	3,254.90	785.90
26 24 16 00-0415	EA	155 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard	3,385.67	851.24

26 24 16 00-0416 Residential Type Assembled Load Center *(26 24 16 00-0389)*

26 24 16 00-0417 Main Lug Load Center, 4 Wire, 20 Amperes, 120/208 Volt *(26 24 16 00-0416)*

Note: Includes 1 pole plug-in breaker.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0418	EA	125 Ampere Rating, Main Lugs, Indoor, 12 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,142.80	436.75
26 24 16 00-0419	EA	125 Ampere Rating, Main Lugs, Indoor, 18 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,705.04	654.80
26 24 16 00-0420	EA	125 Ampere Rating, Main Lugs, Rainproof, 12 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,193.58	436.75
26 24 16 00-0421	EA	125 Ampere Rating, Main Lugs, Rainproof, 18 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,751.20	654.80
26 24 16 00-0422	EA	200 Ampere Rating, Main Lugs, Indoor, 24 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,150.55	806.06
26 24 16 00-0423	EA	200 Ampere Rating, Main Lugs, Indoor, 30 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,346.21	873.12
26 24 16 00-0424	EA	200 Ampere Rating, Main Lugs, Indoor, 36 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,865.36	1,048.07
26 24 16 00-0425	EA	200 Ampere Rating, Main Lugs, Indoor, 42 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,457.77	1,309.61
26 24 16 00-0426	EA	200 Ampere Rating, Main Lugs, Rainproof, 24 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,204.40	806.06
26 24 16 00-0427	EA	200 Ampere Rating, Main Lugs, Rainproof, 30 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,406.83	872.59
26 24 16 00-0428	EA	200 Ampere Rating, Main Lugs, Rainproof, 36 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,071.74	1,047.29
26 24 16 00-0429	EA	200 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,665.49	1,309.61
26 24 16 00-0430	EA	400 Ampere Rating, Main Lugs, Indoor, 42 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	4,179.61	1,455.10
26 24 16 00-0431	EA	400 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	4,364.25	1,455.10

26 24 16 00-0432 Main Breaker Load Center, 3 Wire, 20 Amperes, 120/240 Volt, 1 Phase *(26 24 16 00-0416)*

Note: Includes 1 pole plug-in breaker.

26 24 16 00-0433	EA	125 Ampere Rating, Main Breaker, Indoor, 12 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,136.65	436.75
26 24 16 00-0434	EA	125 Ampere Rating, Main Breaker, Indoor, 18 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,683.50	654.80
26 24 16 00-0435	EA	200 Ampere Rating, Main Breaker, Indoor, 20 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,928.19	698.67
26 24 16 00-0436	EA	200 Ampere Rating, Main Breaker, Indoor, 24 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,212.88	806.45
26 24 16 00-0437	EA	200 Ampere Rating, Main Breaker, Indoor, 30 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,430.84	873.12
26 24 16 00-0438	EA	200 Ampere Rating, Main Breaker, Indoor, 40 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,221.01	1,164.24
26 24 16 00-0439	EA	200 Ampere Rating, Main Breaker, Rainproof, 20 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,943.58	698.67
26 24 16 00-0440	EA	200 Ampere Rating, Main Breaker, Rainproof, 24 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,242.86	806.06
26 24 16 00-0441	EA	200 Ampere Rating, Main Breaker, Rainproof, 30 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,437.60	872.59
26 24 16 00-0442	EA	200 Ampere Rating, Main Breaker, Rainproof, 40 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,136.39	1,164.24
26 24 16 00-0443	EA	400 Ampere Rating, Main Breaker, Indoor, 42 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	5,718.26	1,455.10
26 24 16 00-0444	EA	400 Ampere Rating, Main Breaker, Rainproof, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	6,025.99	1,455.10

26 24 16 00-0445 Main Breaker Load Center, 4 Wire, 20 Amperes, 120/208 Volt *(26 24 16 00-0416)*

Note: Includes 1 pole plug-in breaker.

26 24 16 00-0446	EA	200 Ampere Rating, Main Breaker, Indoor, 30 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,861.66	873.12
26 24 16 00-0447	EA	200 Ampere Rating, Main Breaker, Indoor, 42 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,950.14	1,309.61
26 24 16 00-0448	EA	200 Ampere Rating, Main Breaker, Rainproof, 30 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,953.05	872.59
26 24 16 00-0449	EA	200 Ampere Rating, Main Breaker, Rainproof, 42 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	4,042.46	1,309.61

26 24 16 00-0450 Panel Mounted Accessories And Fuseholders *(26 24 16 00-0001)*

26 24 16 00-0451 Midget Finger-Safe Fuse Holders *(26 24 16 00-0450)*

Note: 30 Amp capacity. Excludes fuse.

26 24 16 00-0452	EA	1 Pole Midget Finger-Safe Fuse Holder	83.44	23.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 24 16 00-0453	EA	1 Pole With Indicator Midget Finger-Safe Fuse Holder	98.14	23.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 24 16 00-0454	EA	2 Pole Midget Finger-Safe Fuse Holder	134.50	35.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.57*	
26 24 16 00-0455	EA	2 Pole With Indicators Midget Finger-Safe Fuse Holder	172.89	35.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.57*	
26 24 16 00-0456	EA	3 Pole Midget Finger-Safe Fuse Holder	197.46	47.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0457	EA	3 Pole With Indicators Midget Finger-Safe Fuse Holder	248.45	47.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.43*	
26 24 16 00-0458	EA	3 Pole With 4th Neutral Pole Midget Finger-Safe Fuse Holder Note: With indicators.	291.10	47.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.43*	
26 24 16 00-0459	EA	3 Pole With 4th Neutral Pole Midget Finger-Safe Fuse Holder	234.56	47.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.43*	
26 24 16 00-0460	EA	4 Pole Midget Finger-Safe Fuse Holder	248.68	58.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.29*	
26 24 16 00-0461	EA	4 Pole With Indicator Midget Finger-Safe Fuse Holder	304.68	58.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.29*	
26 24 16 00-0462	EA	12 To 24 Volt DC Midget Finger-Safe Fuse Holder Note: With indicator.	98.19	23.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 24 16 00-0463	EA	20 To 24 Volt DC Midget Finger-Safe Fuse Holder Note: With indicator.	106.01	23.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 24 16 00-0464	EA	35 To 48 Volt DC Midget Finger-Safe Fuse Holder Note: With indicator.	99.63	23.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 24 16 00-0465		Removal And Reinstallation Of Panelboards *(26 24 16 00-0001)* Note: Includes storage, cleaning and supply materials.		
26 24 16 00-0466	EA	Removal And Reinstallation Of Up To 42 Circuit Capacity Panelboards With Breakers Note: Includes removal and reinstallation of main wiring to panelboard.	1,643.21	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*491.10*	
26 24 16 00-0467	EA	Removal And Reinstallation Of Breaker, 1-2-3 Pole, Any Amperage	86.91	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.54*	
26 24 16 00-0468	EA	Panelboard Filler Plate, Fits 1" Opening	5.88	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.23*	
26 24 16 00-0469		Combination Transformer/Panelboard *(26 24 16)*		
26 24 16 00-0470		Mini Power-Zone™ Unit Substation *(26 24 16 00-0469)* Note: 480 Volt Primary, 208 Star/120 Volt Secondary Voltage, NQ Paneboard Interior, Interrupt Rating 18 kAIR, Type NEMA 3R Enclosure, (2) 5 Percent Fcbn Taps; QOB360 Secondary Main Breaker Type; FAL34040 Primary Main Breaker Type		
26 24 16 00-0471	EA	15 KVA, 480 Volt Primary, 208Y120 Secondary, 3 Phase, NEMA 3R Enclosure, Mini Power-Zone™ Unit Substation (Square D MPZB15T2F) Note: 24 single pole circuit capacity	29,812.42	1,064.26
26 24 16 00-0472	EA	22.5 KVA, 480 Volt Primary, 208Y120 Secondary, 3 Phase, NEMA 3R Enclosure, Mini Power-Zone™ Unit Substation (Square D MPZB22T2F) Note: 24 single pole circuit capacity	36,610.55	1,189.02
26 24 16 00-0473	EA	30 KVA, 480 Volt Primary, 208Y120 Secondary, 3 Phase, NEMA 3R Enclosure, Mini Power-Zone™ Unit Substation (Square D MPZB30T2F) Note: 24 single pole circuit capacity	44,584.06	1,306.47
26 24 16 00-0474		Mini Power-Zone™ Unit Substation *(26 24 16 00-0469)* Note: 480 Volt Primary, 208 Star/120 Volt Secondary Voltage, NQ Paneboard Interior, Interrupt Rating 25 kAIR, Type NEMA 3R Enclosure, (2) 5 Percent Fcbn Taps; QOB360 Secondary Main Breaker Type; FAL34040 Primary Main Breaker Type		
26 24 16 00-0475	EA	15 KVA, 480 Volt Primary, 208Y120 Secondary, 3 Phase, NEMA 3R Enclosure, Mini Power-Zone™ Unit Substation (Square D MPZB15T2F25K) Note: 24 single pole circuit capacity	37,611.39	1,064.26
26 24 16 00-0476	EA	22.5 KVA, 480 Volt Primary, 208Y120 Secondary, 3 Phase, NEMA 3R Enclosure, Mini Power-Zone™ Unit Substation (Square D MPZB22T2F25K) Note: 24 single pole circuit capacity	43,469.80	1,189.02
26 24 16 00-0477	EA	30 KVA, 480 Volt Primary, 208Y120 Secondary, 3 Phase, NEMA 3R Enclosure, Mini Power-Zone™ Unit Substation (Square D MPZB30T2F25K) Note: 24 single pole circuit capacity	49,555.07	1,306.47
26 24 19		**Motor-Control Centers** *(26 24)*		
26 24 19 00-0001		Combination Starters With Molded Case Circuit Breakers *(26 24 19)* Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" o 20" Deep), fully factory assembled and wired internally.		
26 24 19 00-0002		230 Volt Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)* Note: 1-Speed non-reversing.		
26 24 19 00-0003	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 7-1/2 HP Combination With Molded Case Circuit	2,547.34	119.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.79*	
26 24 19 00-0004	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 15 HP Combination With Molded Case Circuit	3,015.61	125.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.38*	
26 24 19 00-0005	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 30 HP Combination With Molded Case Circuit	4,483.37	131.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.97*	
26 24 19 00-0006	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination With Molded Case Circuit	8,121.26	155.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*93.33*	
26 24 19 00-0007	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination With Molded Case Circuit	16,346.24	179.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.69*	
26 24 19 00-0008	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination With Molded Case Circuit	27,496.69	239.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*143.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0009		**480 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)* Note: 1-Speed non-reversing.		
26 24 19 00-0010	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 10 HP Combination With Molded Case Circuit	2,547.34	119.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.79*	
26 24 19 00-0011	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 25 HP Combination With Molded Case Circuit	3,015.61	125.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.38*	
26 24 19 00-0012	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination With Molded Case Circuit	4,483.37	131.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.97*	
26 24 19 00-0013	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination With Molded Case Circuit	8,121.26	155.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*93.33*	
26 24 19 00-0014	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination With Molded Case Circuit	16,346.24	179.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.69*	
26 24 19 00-0015	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 400 HP Combination With Molded Case Circuit	27,496.69	239.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*143.58*	
26 24 19 00-0016		**230 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)* Note: 1-Speed reversing.		
26 24 19 00-0017	EA	230 Volt, Full Volt, 1 Speed, Reversing, 7-1/2 HP Combination With Molded Case Circuit	3,686.87	119.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.79*	
26 24 19 00-0018	EA	230 Volt, Full Volt, 1 Speed, Reversing, 15 HP Combination With Molded Case Circuit	4,910.81	125.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.38*	
26 24 19 00-0019	EA	230 Volt, Full Volt, 1 Speed, Reversing, 30 HP Combination With Molded Case Circuit	7,035.25	131.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.97*	
26 24 19 00-0020	EA	230 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination With Molded Case Circuit	12,302.77	155.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*93.33*	
26 24 19 00-0021	EA	230 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination With Molded Case Circuit	24,204.69	179.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.69*	
26 24 19 00-0022	EA	230 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination With Molded Case Circuit	41,707.07	239.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*143.58*	
26 24 19 00-0023		**480 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)* Note: 1-Speed reversing.		
26 24 19 00-0024	EA	480 Volt, Full Volt, 1 Speed, Reversing, 10 HP Combination With Molded Case Circuit	3,686.87	119.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.79*	
26 24 19 00-0025	EA	480 Volt, Full Volt, 1 Speed, Reversing, 25 HP Combination With Molded Case Circuit	4,910.81	125.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.38*	
26 24 19 00-0026	EA	480 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination With Molded Case Circuit	7,035.25	131.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.97*	
26 24 19 00-0027	EA	480 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination With Molded Case Circuit	12,302.77	155.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*93.33*	
26 24 19 00-0028	EA	480 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination With Molded Case Circuit	24,204.69	179.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.69*	
26 24 19 00-0029	EA	480 Volt, Full Volt, 1 Speed, Reversing, 400 HP Combination With Molded Case Circuit	41,707.07	239.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*143.58*	
26 24 19 00-0030		**230 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)* Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0031	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 7-1/2 HP Combination With Molded Case Circuit	4,489.54	191.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*114.86*	
26 24 19 00-0032	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 15 HP Combination With Molded Case Circuit	6,169.68	203.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*122.05*	
26 24 19 00-0033	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 30 HP Combination With Molded Case Circuit	9,076.22	215.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.22*	
26 24 19 00-0034	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	16,207.46	245.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*147.17*	
26 24 19 00-0035	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit	26,839.17	287.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*172.31*	
26 24 19 00-0036		**480 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)* Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0037	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 10 HP Combination With Molded Case Circuit	4,489.54	191.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*114.86*	
26 24 19 00-0038	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 25 HP Combination With Molded Case Circuit	6,169.68	203.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*122.05*	
26 24 19 00-0039	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	9,076.22	215.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.22*	
26 24 19 00-0040	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit	16,207.46	245.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*147.17*	
26 24 19 00-0041	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 200 HP Combination With Molded Case Circuit	26,839.17	287.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*172.31*	
26 24 19 00-0042		**230 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)* Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0043	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 7-1/2 HP Combination With Molded Case Circuit	5,176.48	119.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.79*	
26 24 19 00-0044	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 15 HP Combination With Molded Case Circuit	7,699.29	125.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0045	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 30 HP Combination With Molded Case Circuit	10,535.94	131.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.97*	
26 24 19 00-0046	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	19,784.59	155.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*93.33*	
26 24 19 00-0047	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit	34,269.77	179.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.69*	
26 24 19 00-0048		**480 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)*		
		Note: 2-Speed non-reversing, 1 wind.		
26 24 19 00-0049	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 10 HP Combination With Molded Case Circuit	5,176.48	119.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.79*	
26 24 19 00-0050	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 25 HP Combination With Molded Case Circuit	7,699.29	125.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.38*	
26 24 19 00-0051	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	10,535.94	131.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.97*	
26 24 19 00-0052	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit	19,784.59	155.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*93.33*	
26 24 19 00-0053	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 200 HP Combination With Molded Case Circuit	34,269.77	179.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.69*	
26 24 19 00-0054		**230 Volt Combination With Molded Case Circuit** *(26 24 19 00-0001)*		
		Note: Reducing volt, auto-transformer.		
26 24 19 00-0055	EA	230 Volt, Reduced Volt, Auto Transformer, 15 HP Combination With Molded Case Circuit	7,651.00	125.64
26 24 19 00-0056	EA	230 Volt, Reduced Volt, Auto Transformer, 30 HP Combination With Molded Case Circuit	11,709.17	137.60
26 24 19 00-0057	EA	230 Volt, Reduced Volt, Auto Transformer, 50 HP Combination With Molded Case Circuit	19,729.06	155.55
26 24 19 00-0058	EA	230 Volt, Reduced Volt, Auto Transformer, 100 HP Combination With Molded Case Circuit	30,513.17	179.48
26 24 19 00-0059	EA	230 Volt, Reduced Volt, Auto Transformer, 200 HP Combination With Molded Case Circuit	52,194.65	239.30
26 24 19 00-0060		**480 Volt Combination With Molded Case Circuit** *(26 24 19 00-0001)*		
		Note: Reducing volt, auto-transformer.		
26 24 19 00-0061	EA	480 Volt, Reduced Volt, Auto Transformer, 25 HP Combination With Molded Case Circuit	7,651.00	125.64
26 24 19 00-0062	EA	480 Volt, Reduced Volt, Auto Transformer, 50 HP Combination With Molded Case Circuit	11,709.17	137.60
26 24 19 00-0063	EA	480 Volt, Reduced Volt, Auto Transformer, 100 HP Combination With Molded Case Circuit	19,729.06	155.55
26 24 19 00-0064	EA	480 Volt, Reduced Volt, Auto Transformer, 200 HP Combination With Molded Case Circuit	30,513.17	179.48
26 24 19 00-0065	EA	480 Volt, Reduced Volt, Auto Transformer, 400 HP Combination With Molded Case Circuit	52,194.65	239.30
26 24 19 00-0066		**230 Volt Combination With Molded Case Circuit** *(26 24 19 00-0001)*		
		Note: Reducing volt, part winding.		
26 24 19 00-0067	EA	230 Volt, Reduced Volt, Part Winding Starters, 10 HP Combination With Molded Case Circuit	5,235.55	191.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*114.86*	
26 24 19 00-0068	EA	230 Volt, Reduced Volt, Part Winding Starters, 25 HP Combination With Molded Case Circuit	6,760.84	221.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.81*	
26 24 19 00-0069	EA	230 Volt, Reduced Volt, Part Winding Starters, 50 HP Combination With Molded Case Circuit	11,873.84	245.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*147.17*	
26 24 19 00-0070	EA	230 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination With Molded Case Circuit	20,226.27	299.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*179.48*	
26 24 19 00-0071	EA	230 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination With Molded Case Circuit	27,783.88	382.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*229.74*	
26 24 19 00-0072		**480 Volt Combination With Molded Case Circuit** *(26 24 19 00-0001)*		
		Note: Reducing volt, part winding.		
26 24 19 00-0073	EA	480 Volt, Reduced Volt, Part Winding Starters, 15 HP Combination With Molded Case Circuit	5,235.55	191.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*114.86*	
26 24 19 00-0074	EA	480 Volt, Reduced Volt, Part Winding Starters, 40 HP Combination With Molded Case Circuit	6,760.84	221.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.81*	
26 24 19 00-0075	EA	480 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination With Molded Case Circuit	11,873.84	245.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*147.17*	
26 24 19 00-0076	EA	480 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination With Molded Case Circuit	20,226.27	299.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*179.48*	
26 24 19 00-0077	EA	480 Volt, Reduced Volt, Part Winding Starters, 350 HP Combination With Molded Case Circuit	27,783.88	382.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*229.74*	
26 24 19 00-0078		**230 Volt Combination With Molded Case Circuit** *(26 24 19 00-0001)*		
		Note: Reducing volt, energy saver.		
26 24 19 00-0079	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 7-1/2 HP Combination With Molded Case Circuit	21,571.15	155.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*93.33*	
26 24 19 00-0080	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 15 HP Combination With Molded Case Circuit	22,886.26	191.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*114.86*	
26 24 19 00-0081	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 30 HP Combination With Molded Case Circuit	25,273.45	221.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.81*	
26 24 19 00-0082	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination With Molded Case Circuit	38,256.97	245.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*147.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0083	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination With Molded Case Circuit	52,171.87	299.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*179.48*	
26 24 19 00-0084	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination With Molded Case Circuit	70,798.89	382.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*229.74*	
26 24 19 00-0085		**480 Volt Combination With Molded Case Circuit** *(26 24 19 00-0001)*		
		Note: Reducing volt, energy saver.		
26 24 19 00-0086	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 10 HP Combination With Molded Case Circuit	21,571.15	155.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*93.33*	
26 24 19 00-0087	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 25 HP Combination With Molded Case Circuit	22,886.26	191.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*114.86*	
26 24 19 00-0088	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination With Molded Case Circuit	25,273.45	221.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.81*	
26 24 19 00-0089	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination With Molded Case Circuit	38,256.97	245.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*147.17*	
26 24 19 00-0090	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination With Molded Case Circuit	52,171.87	299.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*179.48*	
26 24 19 00-0091	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 400 HP Combination With Molded Case Circuit	70,798.89	382.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*229.74*	
26 24 19 00-0092		**Combination Starters With Current Limiting Circuit Breakers** *(26 24 19)*		
		Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" to 20" deep), fully factory assembled and wired internally.		
26 24 19 00-0093		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 1-speed non-reversing.		
26 24 19 00-0094	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 7-1/2 HP Combination Starters With Current Limiting Circuit	3,404.41	119.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.79*	
26 24 19 00-0095	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 15 HP Combination Starters With Current Limiting Circuit	3,872.67	125.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.38*	
26 24 19 00-0096	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 30 HP Combination Starters With Current Limiting Circuit	5,982.63	131.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.97*	
26 24 19 00-0097	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination Starters With Current Limiting Circuit	11,015.97	155.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*93.33*	
26 24 19 00-0098	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination Starters With Current Limiting Circuit	19,711.73	179.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.69*	
26 24 19 00-0099	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination Starters With Current Limiting Circuit	32,124.84	239.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*143.58*	
26 24 19 00-0100		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 1-speed non-reversing.		
26 24 19 00-0101	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 10 HP Combination Starters With Current Limiting Circuit	3,404.41	119.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.79*	
26 24 19 00-0102	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 25 HP Combination Starters With Current Limiting Circuit	3,872.67	125.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.38*	
26 24 19 00-0103	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination Starters With Current Limiting Circuit	5,982.63	131.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.97*	
26 24 19 00-0104	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination Starters With Current Limiting Circuit	11,015.97	155.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*93.33*	
26 24 19 00-0105	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination Starters With Current Limiting Circuit	19,711.73	179.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.69*	
26 24 19 00-0106	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 400 HP Combination Starters With Current Limiting Circuit	32,124.84	239.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*143.58*	
26 24 19 00-0107		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 1-speed reversing.		
26 24 19 00-0108	EA	230 Volt, Full Volt, 1 Speed, Reversing, 7-1/2 HP Combination Starters With Current Limiting Circuit	4,536.70	119.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.79*	
26 24 19 00-0109	EA	230 Volt, Full Volt, 1 Speed, Reversing, 15 HP Combination Starters With Current Limiting Circuit	5,750.97	125.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.38*	
26 24 19 00-0110	EA	230 Volt, Full Volt, 1 Speed, Reversing, 30 HP Combination Starters With Current Limiting Circuit	8,500.71	131.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.97*	
26 24 19 00-0111	EA	230 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination Starters With Current Limiting Circuit	15,158.85	155.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*93.33*	
26 24 19 00-0112	EA	230 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination Starters With Current Limiting Circuit	27,502.58	179.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.69*	
26 24 19 00-0113		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 1-speed reversing.		
26 24 19 00-0114	EA	480 Volt, Full Volt, 1 Speed, Reversing, 10 HP Combination Starters With Current Limiting Circuit	4,536.70	119.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0115	EA	480 Volt, Full Volt, 1 Speed, Reversing, 25 HP Combination Starters With Current Limiting Circuit	5,750.97	125.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.38*	
26 24 19 00-0116	EA	480 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination Starters With Current Limiting Circuit	8,500.71	131.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.97*	
26 24 19 00-0117	EA	480 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination Starters With Current Limiting Circuit	15,158.85	155.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*93.33*	
26 24 19 00-0118	EA	480 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination Starters With Current Limiting Circuit	27,502.58	179.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.69*	

26 24 19 00-0119 230 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Full volt, 2-speed non-reversing, 2 wind.

26 24 19 00-0120	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 7-1/2 HP Combination Starters With Current Limiting Circuit	5,324.88	191.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*114.86*	
26 24 19 00-0121	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 15 HP Combination Starters With Current Limiting Circuit	6,992.94	203.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*122.05*	
26 24 19 00-0122	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 30 HP Combination Starters With Current Limiting Circuit	10,517.54	215.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.22*	
26 24 19 00-0123	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	19,029.74	245.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*147.17*	
26 24 19 00-0124	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	30,110.51	287.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*172.31*	

26 24 19 00-0125 480 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Full volt, 2-speed non-reversing, 2 wind.

26 24 19 00-0126	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 10 HP Combination Starters With Current Limiting Circuit	5,324.88	191.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*114.86*	
26 24 19 00-0127	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 25 HP Combination Starters With Current Limiting Circuit	6,992.94	203.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*122.05*	
26 24 19 00-0128	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	10,517.54	215.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.22*	
26 24 19 00-0129	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	19,029.74	245.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*147.17*	
26 24 19 00-0130	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 200 HP Combination Starters With Current Limiting Circuit	30,110.51	287.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*172.31*	

26 24 19 00-0131 230 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Full volt, 2-speed non-reversing, 1 wind.

26 24 19 00-0132	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 7-1/2 HP Combination Starters With Current Limiting Circuit	6,131.48	179.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.69*	
26 24 19 00-0133	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 15 HP Combination Starters With Current Limiting Circuit	8,639.67	191.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*114.86*	
26 24 19 00-0134	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 30 HP Combination Starters With Current Limiting Circuit	12,113.61	203.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*122.05*	
26 24 19 00-0135	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	22,728.61	233.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*139.99*	
26 24 19 00-0136	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	37,667.38	275.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*165.13*	

26 24 19 00-0137 480 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Full volt, 2-speed non-reversing, 1 wind.

26 24 19 00-0138	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 10 HP Combination Starters With Current Limiting Circuit	6,131.48	179.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.69*	
26 24 19 00-0139	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 25 HP Combination Starters With Current Limiting Circuit	8,639.67	191.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*114.86*	
26 24 19 00-0140	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	12,113.61	203.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*122.05*	
26 24 19 00-0141	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	22,728.61	233.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*139.99*	
26 24 19 00-0142	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 200 HP Combination Starters With Current Limiting Circuit	37,667.38	275.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*165.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0143		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)* Note: Reduced volt, auto-transformer.		
26 24 19 00-0144	EA	230 Volt, Reduced Volt, Auto Transformer, 15 HP Combination Starters With Current Limiting Circuit	8,462.20	125.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.38*	
26 24 19 00-0145	EA	230 Volt, Reduced Volt, Auto Transformer, 30 HP Combination Starters With Current Limiting Circuit	13,621.27	137.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.56*	
26 24 19 00-0146	EA	230 Volt, Reduced Volt, Auto Transformer, 50 HP Combination Starters With Current Limiting Circuit	23,014.88	155.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*93.33*	
26 24 19 00-0147	EA	230 Volt, Reduced Volt, Auto Transformer, 100 HP Combination Starters With Current Limiting Circuit	34,861.27	179.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.69*	
26 24 19 00-0148	EA	230 Volt, Reduced Volt, Auto Transformer, 200 HP Combination Starters With Current Limiting Circuit	57,353.94	239.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*143.58*	
26 24 19 00-0149		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)* Note: Reduced volt, auto-transformer.		
26 24 19 00-0150	EA	480 Volt, Reduced Volt, Auto Transformer, 25 HP Combination Starters With Current Limiting Circuit	8,462.20	125.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.38*	
26 24 19 00-0151	EA	480 Volt, Reduced Volt, Auto Transformer, 50 HP Combination Starters With Current Limiting Circuit	13,621.27	137.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.56*	
26 24 19 00-0152	EA	480 Volt, Reduced Volt, Auto Transformer, 100 HP Combination Starters With Current Limiting Circuit	23,014.88	155.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*93.33*	
26 24 19 00-0153	EA	480 Volt, Reduced Volt, Auto Transformer, 200 HP Combination Starters With Current Limiting Circuit	34,861.27	179.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.69*	
26 24 19 00-0154	EA	480 Volt, Reduced Volt, Auto Transformer, 400 HP Combination Starters With Current Limiting Circuit	57,353.94	239.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*143.58*	
26 24 19 00-0155		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)* Note: Reduced volt, part winding.		
26 24 19 00-0156	EA	230 Volt, Reduced Volt, Part Winding Starters, 10 HP Combination Starters With Current Limiting Circuit	6,070.89	191.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*114.86*	
26 24 19 00-0157	EA	230 Volt, Reduced Volt, Part Winding Starters, 25 HP Combination Starters With Current Limiting Circuit	7,579.28	221.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.81*	
26 24 19 00-0158	EA	230 Volt, Reduced Volt, Part Winding Starters, 50 HP Combination Starters With Current Limiting Circuit	13,305.51	245.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*147.17*	
26 24 19 00-0159	EA	230 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination Starters With Current Limiting Circuit	23,553.13	299.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*179.48*	
26 24 19 00-0160	EA	230 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination Starters With Current Limiting Circuit	34,741.80	382.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*229.74*	
26 24 19 00-0161		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)* Note: Reduced volt, part winding.		
26 24 19 00-0162	EA	480 Volt, Reduced Volt, Part Winding Starters, 15 HP Combination Starters With Current Limiting Circuit	6,070.89	191.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*114.86*	
26 24 19 00-0163	EA	480 Volt, Reduced Volt, Part Winding Starters, 40 HP Combination Starters With Current Limiting Circuit	7,579.28	221.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.81*	
26 24 19 00-0164	EA	480 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination Starters With Current Limiting Circuit	13,305.51	245.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*147.17*	
26 24 19 00-0165	EA	480 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination Starters With Current Limiting Circuit	23,553.13	299.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*179.48*	
26 24 19 00-0166	EA	480 Volt, Reduced Volt, Part Winding Starters, 350 HP Combination Starters With Current Limiting Circuit	34,741.80	382.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*229.74*	
26 24 19 00-0167		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)* Note: Reduced volt, energy saving		
26 24 19 00-0168	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 7.5 HP Combination Starters With Current Limiting Circuit	22,264.04	155.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*93.33*	
26 24 19 00-0169	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 15 HP Combination Starters With Current Limiting Circuit	23,571.92	191.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*114.86*	
26 24 19 00-0170	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 30 HP Combination Starters With Current Limiting Circuit	25,934.96	221.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.81*	
26 24 19 00-0171	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination Starters With Current Limiting Circuit	38,805.01	245.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*147.17*	
26 24 19 00-0172	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination Starters With Current Limiting Circuit	52,596.78	299.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*179.48*	
26 24 19 00-0173	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination Starters With Current Limiting Circuit	73,712.91	382.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*229.74*	
26 24 19 00-0174		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)* Note: Reduced volt, energy saving		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0175	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 10 HP Combination Starters With Current Limiting Circuit	22,264.09	155.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*93.35*	
26 24 19 00-0176	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 25 HP Combination Starters With Current Limiting Circuit	23,571.92	191.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*114.86*	
26 24 19 00-0177	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination Starters With Current Limiting Circuit	25,934.96	221.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.81*	
26 24 19 00-0178	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination Starters With Current Limiting Circuit	38,805.01	245.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*147.17*	
26 24 19 00-0179	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination Starters With Current Limiting Circuit	52,596.78	299.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*179.48*	
26 24 19 00-0180	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 400 HP Combination Starters With Current Limiting Circuit	73,712.91	382.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*229.74*	

26 24 19 00-0181 Combination Starters With Fusible Switch *(26 24 19)*

Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" to 20" deep), fully factory assembled and Wired Internally.

26 24 19 00-0182 230 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*

Note: 1-Speed non-reversing.

26 24 19 00-0183	EA	7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	2,267.29	119.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.79*	
26 24 19 00-0184	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	3,124.25	125.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.38*	
26 24 19 00-0185	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	5,260.77	131.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.97*	
26 24 19 00-0186	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	9,272.86	155.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*93.33*	
26 24 19 00-0187	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	15,047.37	179.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.69*	
26 24 19 00-0188	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	26,832.76	239.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*143.58*	

26 24 19 00-0189 480 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*

Note: 1-Speed non-reversing.

26 24 19 00-0190	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	2,267.29	119.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.79*	
26 24 19 00-0191	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	3,124.25	125.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.38*	
26 24 19 00-0192	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	5,260.77	131.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.97*	
26 24 19 00-0193	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	9,272.86	155.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*93.33*	
26 24 19 00-0194	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	15,047.37	179.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.69*	
26 24 19 00-0195	EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	26,832.76	239.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*143.58*	

26 24 19 00-0196 230 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*

Note: 1-Speed reversing.

26 24 19 00-0197	EA	7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	3,655.49	119.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.79*	
26 24 19 00-0198	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	5,441.95	125.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.38*	
26 24 19 00-0199	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	8,701.10	131.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.97*	
26 24 19 00-0200	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	14,176.24	155.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*93.33*	
26 24 19 00-0201	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	21,804.90	179.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.69*	
26 24 19 00-0202	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	37,059.60	239.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*143.58*	

26 24 19 00-0203 480 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*

Note: 1-Speed reversing.

26 24 19 00-0204	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	3,655.49	119.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.79*	
26 24 19 00-0205	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	5,441.95	125.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.38*	
26 24 19 00-0206	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	8,701.10	131.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.97*	
26 24 19 00-0207	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	14,176.24	155.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*93.33*	
26 24 19 00-0208	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	21,804.90	179.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0209	EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	37,059.60	239.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*143.58*	
26 24 19 00-0210		**230 Volt Combination Starters With Fusible Switch, Full Volt** *(26 24 19 00-0181)*		
		Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0211	EA	10 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	4,286.74	191.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*114.86*	
26 24 19 00-0212	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	5,889.62	203.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*122.05*	
26 24 19 00-0213	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	9,257.29	215.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.22*	
26 24 19 00-0214	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	16,521.31	245.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*147.17*	
26 24 19 00-0215	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	26,310.45	287.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*172.31*	
26 24 19 00-0216		**480 Volt Combination Starters With Fusible Switch, Full Volt** *(26 24 19 00-0181)*		
		Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0217	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	4,286.74	191.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*114.86*	
26 24 19 00-0218	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	5,889.62	203.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*122.05*	
26 24 19 00-0219	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	9,257.29	215.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.22*	
26 24 19 00-0220	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	16,521.31	245.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*147.17*	
26 24 19 00-0221	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	26,310.45	287.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*172.31*	
26 24 19 00-0222		**230 Volt Combination Starters With Fusible Switch, Full Volt** *(26 24 19 00-0181)*		
		Note: 2-Speed non-reversing, 1 wind.		
26 24 19 00-0223	EA	7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	4,881.94	119.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.79*	
26 24 19 00-0224	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	7,438.55	125.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.38*	
26 24 19 00-0225	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	10,704.94	131.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.97*	
26 24 19 00-0226	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	21,566.32	155.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*93.33*	
26 24 19 00-0227		**480 Volt Combination Starters With Fusible Switch, Full Volt** *(26 24 19 00-0181)*		
		Note: 2-Speed non-reversing, 1 wind.		
26 24 19 00-0228	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	4,881.94	119.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.79*	
26 24 19 00-0229	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	7,438.55	125.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.38*	
26 24 19 00-0230	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	10,704.94	131.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.97*	
26 24 19 00-0231	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	21,566.32	155.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*93.33*	
26 24 19 00-0232		**230 Volt Combination Starters With Fusible Switch, Reduced Volt** *(26 24 19 00-0181)*		
		Note: Auto-transformer.		
26 24 19 00-0233	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	7,387.85	125.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.38*	
26 24 19 00-0234	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	13,034.61	137.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.56*	
26 24 19 00-0235	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	21,708.76	155.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*93.33*	
26 24 19 00-0236	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	28,982.52	179.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.69*	
26 24 19 00-0237	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	48,684.30	239.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*143.58*	
26 24 19 00-0238		**480 Volt Combination Starters With Fusible Switch, Reduced Volt** *(26 24 19 00-0181)*		
		Note: Auto-transformer.		
26 24 19 00-0239	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	7,387.85	125.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.38*	
26 24 19 00-0240	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	13,034.61	137.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.56*	
26 24 19 00-0241	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	21,708.76	155.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*93.33*	
26 24 19 00-0242	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	28,982.52	179.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.69*	
26 24 19 00-0243	EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	48,684.30	239.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*143.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0244		**230 Volt Combination Starters With Fusible Switch, Reduced Volt** *(26 24 19 00-0181)* Note: Part winding.		
26 24 19 00-0245	EA	10 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	5,266.93	191.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*114.86*	
26 24 19 00-0246	EA	25 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	6,968.47	221.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.81*	
26 24 19 00-0247	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	11,081.96	245.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*147.17*	
26 24 19 00-0248	EA	75 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	22,068.36	299.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*179.48*	
26 24 19 00-0249		**480 Volt Combination Starters With Fusible Switch, Reduced Volt** *(26 24 19 00-0181)* Note: Part winding.		
26 24 19 00-0250	EA	15 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	5,266.93	191.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*114.86*	
26 24 19 00-0251	EA	40 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	6,968.47	221.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.81*	
26 24 19 00-0252	EA	75 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	11,081.96	245.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*147.17*	
26 24 19 00-0253	EA	150 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	22,068.36	299.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*179.48*	
26 24 19 00-0254		**230 Volt Combination Starters With Fusible Switch, Reduced Volt** *(26 24 19 00-0181)* Note: Energy saver.		
26 24 19 00-0255	EA	7.5 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	21,568.73	155.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*93.33*	
26 24 19 00-0256	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	22,886.26	191.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*114.86*	
26 24 19 00-0257	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	25,273.45	221.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.81*	
26 24 19 00-0258	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	38,256.97	245.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*147.17*	
26 24 19 00-0259	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	52,171.87	299.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*179.48*	
26 24 19 00-0260	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	70,798.89	382.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*229.74*	
26 24 19 00-0261		**480 Volt Combination Starters With Fusible Switch, Reduced Volt** *(26 24 19 00-0181)* Note: Energy saver.		
26 24 19 00-0262	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	21,568.73	155.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*93.33*	
26 24 19 00-0263	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	22,886.26	191.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*114.86*	
26 24 19 00-0264	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	25,273.45	221.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.81*	
26 24 19 00-0265	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	38,256.97	245.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*147.17*	
26 24 19 00-0266	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	52,171.87	299.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*179.48*	
26 24 19 00-0267	EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	70,798.89	382.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*229.74*	
26 24 19 00-0268		**Starter Accessories** *(26 24 19)* Note: Additional options or accessories for the Combination Starters		
26 24 19 00-0269		**Starter Modifications** *(26 24 19 00-0268)*		
26 24 19 00-0270	EA	Size 1, 2, 50 VA, 60 Hertz, Standard Control Circuit Transformer	199.15	
26 24 19 00-0271	EA	Size 3, 4, 150 VA, 60 Hertz, Standard Control Circuit Transformer	376.63	
26 24 19 00-0272	EA	Size 5, 6, 50 VA, 60 Hertz, Control Circuit Transformer	538.38	
26 24 19 00-0273	EA	Extra 50 VA, 60 Hertz, Control Circuit Transformer, All Sizes	135.20	
26 24 19 00-0274	EA	Extra 100 VA, 60 Hertz, Control Circuit Transformer, All Sizes	190.73	
26 24 19 00-0275	EA	Extra 150 VA, 60 Hertz, Control Circuit Transformer, All Sizes	321.10	
26 24 19 00-0276	EA	Overload Relay Heater Elements, 3 Per Starter	79.67	
26 24 19 00-0277	EA	N.O. Overload Relay Alarm	67.60	
26 24 19 00-0278	EA	Control Circuit Fuses, Primary/Secondary	147.29	
26 24 19 00-0279	EA	Control Devices Type PB2 Mount On Device, 2 Unit Pushbutton	182.10	
26 24 19 00-0280	EA	Control Devices Type PB2 Mount On Device, 3 Unit Pushbutton	356.18	
26 24 19 00-0281	EA	Control Devices Type PB2 Mount On Device, 2 Or 3 Post Select	182.10	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0282	EA	Control Devices Type PB2 Mount On Device, Individual Light Full V	208.88	
26 24 19 00-0283	EA	Control Devices Type PB2 Mount On Device, Individual Light Transformer	251.73	
26 24 19 00-0284	EA	Control Devices Type PB2 Mount On Device, Individual Light Push To	297.26	
26 24 19 00-0285	EA	Blank Devices Panel	56.24	
26 24 19 00-0286	EA	Oversize Or Special Color Starter	88.37	
26 24 19 00-0287	EA	Mini Voltmeter/Ammeter With Current Transformer	772.34	
26 24 19 00-0288	EA	Mini Elapsed Time Meters, Non-Resettable	700.04	
26 24 19 00-0289	EA	Panel Elapsed Time Meter, Resettable	1,044.42	
26 24 19 00-0290	EA	Terminal Blocks, Side Mounted, Press Connection, Plug-In Press	88.37	
26 24 19 00-0291	EA	Terminal Blocks, Side Mounted, Press Connection, Plug-In Screw	125.87	
26 24 19 00-0292	EA	Terminal Blocks, Front Mounted, Press Connection, Standard	88.37	
26 24 19 00-0293	EA	Terminal Blocks, Front Mounted, Press Connection, Plug-In	125.87	
26 24 19 00-0294	EA	Terminal Blocks, Front Mounted, Press Connection, Screw-Type Utility	125.87	
26 24 19 00-0295	EA	Terminal Blocks, Front Mounted, Press Connection, Plug-In Screw Type	182.10	
26 24 19 00-0296	EA	MOR - A Solid State Modular Overload Relay	452.58	
26 24 19 00-0297	EA	Heater Module	84.26	
26 24 19 00-0298	EA	LAM - Long Acceleration Module	523.41	
26 24 19 00-0299	EA	JAM - Jam Protection Module	600.00	
26 24 19 00-0300	EA	PUM - Phase Unbalance Module	1,138.73	
26 24 19 00-0301	EA	ULM - Underload Module	546.38	
26 24 19 00-0302	EA	Wiring To Common Control Circuit Transformer	120.00	
26 24 19 00-0303	EA	Handle Operator Separable Source Control Circuit	224.68	
26 24 19 00-0304	EA	Type SIS Control Wire	94.47	
26 24 19 00-0305	EA	Ring Or Spade Terminals Control	120.00	
26 24 19 00-0306	EA	Ring Terminals Power	120.00	
26 24 19 00-0307	EA	14 Gauge Control Wire	94.47	
26 24 19 00-0308	EA	Wiring Diagram On Door	71.49	
26 24 19 00-0309	EA	Special Color Or Type Control Wire	86.81	
26 24 19 00-0310	EA	Current Transformer 12.5 VA	681.70	
26 24 19 00-0311	EA	Ground Fault Relay-Instant Non-Adjust, Size 1 Thru 4	2,177.88	
26 24 19 00-0312	EA	Ground Fault Relay-Instant Non-Adjust, Size 5 Thru 6	2,451.07	

26 24 19 00-0313 Control Relays And Special Components *(26 24 19 00-0268)*

26 24 19 00-0314	EA	600 Volt, 2 Pole, Control Relays	699.71	
26 24 19 00-0315	EA	600 Volt, 4 Pole, Control Relays	824.02	
26 24 19 00-0316	EA	600 Volt, 6 Pole, Control Relays	960.28	
26 24 19 00-0317	EA	600 Volt, 8 Pole, Control Relays	1,066.33	
26 24 19 00-0318	EA	Pneumatic Timer, Control Relays	937.55	
26 24 19 00-0319	EA	Motor Driven Timer, Control Relays	2,443.11	
26 24 19 00-0320	EA	7 Days Time Switch, Control Relays	3,074.99	
26 24 19 00-0321	EA	24 Hour Time Switch, Control Relays	862.28	
26 24 19 00-0322	EA	Phase Voltage, Control Relays	1,466.78	
26 24 19 00-0323	EA	Two Circuit Alternator, Control Relays	2,053.04	
26 24 19 00-0324	EA	Manual 120 Volt, Control Relays	200.74	
26 24 19 00-0325	EA	Over-Current Relay, Control Relays	4,871.50	
26 24 19 00-0326	EA	UV-Relay, Control Relays	4,125.97	
26 24 19 00-0327	EA	Over-Current Relay, Control Relays	4,125.97	
26 24 19 00-0328	EA	Teleductor, Control Relays	1,512.40	
26 24 19 00-0329	EA	Current Transducer, Control Relays	4,067.30	
26 24 19 00-0330	EA	Watt Transducer, Control Relays	8,134.59	
26 24 19 00-0331	EA	Control Relays, Blank, Add For Each 1x	276.02	
26 24 19 00-0332	EA	Control Relays, Fixed Mounted Back Pan, 20" Structure With Wireway	412.89	
26 24 19 00-0333	EA	Control Relays, Fixed Mounted Back Pan, 24" Structure With Wireway	465.36	
26 24 19 00-0334	EA	Control Relays, Fixed Mounted Back Pan, 280" Structure With Wireway	517.82	
26 24 19 00-0335	EA	Control Relays, Fixed Mounted Back Pan, 20" Structure Without Wireway	465.36	
26 24 19 00-0336	EA	Control Relays, Fixed Mounted Back Pan, 24" Structure Without Wireway	517.82	
26 24 19 00-0337	EA	Control Relays, Fixed Mounted Back Pan, 2820" Structure Without Wireway	545.20	

26 24 19 00-0338 Circuit Breaker Modifications/Accessories *(26 24 19 00-0268)*

26 24 19 00-0339	EA	Shunt Trip, Circuit Breaker	778.12	
26 24 19 00-0340	EA	Auxiliary Switch, Circuit Breaker	268.77	
26 24 19 00-0341	EA	Key Interlock, Circuit Breaker	966.69	
26 24 19 00-0342	EA	GFR Ground Fault, Circuit Breaker	4,456.32	
26 24 19 00-0343	EA	Seltronic Breaker, Circuit Breaker	2,581.46	

26 24 19 00-0344 Incoming Line And Feeder Circuit Breakers *(26 24 19 00-0268)*

26 24 19 00-0345	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100	1,874.82	77.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.66*	
26 24 19 00-0346	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 150	3,252.06	119.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.79*	
26 24 19 00-0347	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100/100	3,146.87	77.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.66*	
26 24 19 00-0348	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100/150	4,521.44	119.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.79*	
26 24 19 00-0349	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 150/150	5,817.59	119.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.79*	
26 24 19 00-0350	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 250	3,570.29	155.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*93.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0351	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 400	5,816.97	167.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*100.53*	
26 24 19 00-0352	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 600	7,674.57	215.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.17*	
26 24 19 00-0353	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 800	9,005.65	329.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*197.49*	
26 24 19 00-0354	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 1200	12,745.01	496.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*298.17*	
26 24 19 00-0355	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 2000	28,065.68	658.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*394.52*	
26 24 19 00-0356	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 2500	41,983.13	825.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*494.90*	
26 24 19 00-0357	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 3000	70,165.12	957.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*574.82*	
26 24 19 00-0358	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50	2,257.78	77.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.66*	
26 24 19 00-0359	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 150	3,624.30	119.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.79*	
26 24 19 00-0360	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50	2,257.78	77.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.66*	
26 24 19 00-0361	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50/50	3,624.30	119.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.79*	
26 24 19 00-0362	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50/150	3,856.55	77.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.66*	
26 24 19 00-0363	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 150/150	5,276.63	119.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.79*	
26 24 19 00-0364	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50	6,556.72	119.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.79*	
26 24 19 00-0365	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 100	3,439.52	119.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.79*	
26 24 19 00-0366	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 400	8,705.72	329.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*197.49*	
26 24 19 00-0367	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 125-225	8,705.72	329.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*197.49*	
26 24 19 00-0368	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 125-400	11,751.00	358.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*215.28*	
26 24 19 00-0369	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 300-600	14,682.51	418.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*251.16*	
26 24 19 00-0370	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 300-800	16,890.57	496.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*298.17*	

26 24 19 00-0371 Incoming Line And Feeder Fusible Switches *(26 24 19 00-0268)*

26 24 19 00-0372	EA	30 To 60 Amperes, Incoming Line And Feeder Fusible Switches	2,041.86	119.65
26 24 19 00-0373	EA	Incoming Line And Feeder Fusible Switches, 30 Dual / 60 Dual	3,162.71	119.65
26 24 19 00-0374	EA	100 Amperes, Incoming Line And Feeder Fusible Switches	3,239.58	149.56
26 24 19 00-0375	EA	200 Amperes, Incoming Line And Feeder Fusible Switches	5,283.89	179.48
26 24 19 00-0376	EA	400 Amperes, Incoming Line And Feeder Fusible Switches	10,446.45	227.34
26 24 19 00-0377	EA	600 Amperes, Incoming Line And Feeder Fusible Switches	14,657.81	299.13
26 24 19 00-0378	EA	800 Amperes, Incoming Line And Feeder Fusible Switches	35,730.38	400.83
26 24 19 00-0379	EA	1,200 Amperes, Incoming Line And Feeder Fusible Switches	40,286.85	556.39

26 24 19 00-0380 Dry Type Distribution Transformers *(26 24 19 00-0268)*

26 24 19 00-0381	EA	500 VA, Phase 1, Dry Type Distribution Transformers	1,826.40
26 24 19 00-0382	EA	750 VA, Phase 1, Dry Type Distribution Transformers	1,885.32
26 24 19 00-0383	EA	1,000 VA, Phase 1, Dry Type Distribution Transformers	1,946.91
26 24 19 00-0384	EA	1,500 VA, Phase 1, Dry Type Distribution Transformers	2,233.46
26 24 19 00-0385	EA	2,000 VA, Phase 1, Dry Type Distribution Transformers	2,420.92
26 24 19 00-0386	EA	3,000 VA, Phase 1, Dry Type Distribution Transformers	2,739.58
26 24 19 00-0387	EA	5,000 VA, Phase 1, Dry Type Distribution Transformers	3,293.95
26 24 19 00-0388	EA	7,500 VA, Phase 1, Dry Type Distribution Transformers	3,711.72
26 24 19 00-0389	EA	9,000 VA, Phase 3, Dry Type Distribution Transformers	8,628.54
26 24 19 00-0390	EA	10,000 VA, Phase 1, Dry Type Distribution Transformers	4,579.39
26 24 19 00-0391	EA	15,000 VA, Phase 1, Dry Type Distribution Transformers	6,344.20
26 24 19 00-0392	EA	15,000 VA, Phase 3, Dry Type Distribution Transformers	9,887.21
26 24 19 00-0393	EA	20,000 VA, Phase 1, Dry Type Distribution Transformers	9,156.11
26 24 19 00-0394	EA	30,000 VA, Phase 1, Dry Type Distribution Transformers	12,688.40
26 24 19 00-0395	EA	30,000 VA, Phase 3, Dry Type Distribution Transformers	13,097.90
26 24 19 00-0396	EA	45,000 VA, Phase 1, Dry Type Distribution Transformers	18,143.02

26 24 19 00-0397 Metering Equipment *(26 24 19 00-0268)*

26 24 19 00-0398	EA	Metering Equipment, Voltmeter, Panel Type	862.32
26 24 19 00-0399	EA	Metering Equipment, Voltmeter, Switchboard Type	1,885.32
26 24 19 00-0400	EA	Metering Equipment, Ammeter, Panel	776.62
26 24 19 00-0401	EA	Metering Equipment, Ammeter, Switchboard Type	1,885.32
26 24 19 00-0402	EA	Metering Equipment, Voltmeter/Ammeter, Switch	1,047.10
26 24 19 00-0403	EA	Metering Equipment, Control Switch, 4 Circuits	1,111.37
26 24 19 00-0404	EA	Add For Additional Circuits	140.43
26 24 19 00-0405	EA	Metering Equipment, Indicating Wattmeter	3,888.47
26 24 19 00-0406	EA	Metering Equipment, Indicating Power Factor	4,073.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0407	EA	Metering Equipment, Integrating Watt-hour	3,591.21	
26 24 19 00-0408	EA	Add For Demand Attachment	919.15	
26 24 19 00-0409	EA	800 Amperes, Metering Equipment, Current Transformer	1,073.88	
26 24 19 00-0410	EA	1,000 Amperes, Metering Equipment, Current Transformer	1,853.18	
26 24 19 00-0411	EA	2,000 Amperes, Metering Equipment, Current Transformer	2,158.47	
26 24 19 00-0412	EA	Metering Equipment, Potential Transformer	1,799.62	
26 24 19 00-0413	EA	Metering Equipment, Surge Arrester	1,936.20	
26 24 19 00-0414	EA	Metering Equipment, Ground Detector System	1,480.94	
26 24 19 00-0415		**Current Limiting Reactors** *(26 24 19 00-0268)*		
26 24 19 00-0416	EA	600 Amperes, Current Limiting Reactors	33,054.66	
26 24 19 00-0417	EA	800 Amperes, Current Limiting Reactors	48,137.20	
26 24 19 00-0418	EA	1,000 Amperes, Current Limiting Reactors	63,254.56	
26 24 19 00-0419	EA	1,200 Amperes, Current Limiting Reactors	96,285.11	
26 24 19 00-0420		**Incoming Line Cable Space Requirements, Main Lugs Only** *(26 24 19 00-0268)*		
26 24 19 00-0421	EA	Incoming Line Cable Space Requirement, 350 MCC, 2 Screw	523.90	
26 24 19 00-0422	EA	Incoming Line Cable Space Requirement, 350 MCC, 2 Crimp	523.90	
26 24 19 00-0423	EA	Incoming Line Cable Space Requirement, 350 MCC, 4 Screw	724.28	
26 24 19 00-0424	EA	Incoming Line Cable Space Requirement, 350 MCC, 4 Crimp	1,325.43	
26 24 19 00-0425	EA	Incoming Line Cable Space Requirement, 600 MCC, 2 Screw	724.28	
26 24 19 00-0426	EA	Incoming Line Cable Space Requirement, 600 MCC, 2 Crimp	924.66	
26 24 19 00-0427	EA	Incoming Line Cable Space Requirement, 600 MCC, 4 Screw	924.66	
26 24 19 00-0428	EA	Incoming Line Cable Space Requirement, 600 MCC, 4 Crimp	1,323.02	
26 24 19 00-0429	EA	Incoming Line Cable Space Requirement, 750 MCC, 2 Screw	924.66	
26 24 19 00-0430	EA	Incoming Line Cable Space Requirement, 750 MCC, 2 Crimp	1,323.02	
26 24 19 00-0431	EA	Incoming Line Cable Space Requirement, 750 MCC, 4 Screw	1,125.05	
26 24 19 00-0432	EA	Incoming Line Cable Space Requirement, 750 MCC, 4 Crimp	3,647.96	
26 24 19 00-0433	EA	Incoming Line Cable Space Requirement, 1,000 MCC, 2 Screw	1,125.05	
26 24 19 00-0434	EA	Incoming Line Cable Space Requirement, 1,000 MCC, 2 Crimp	1,323.02	
26 24 19 00-0435	EA	Incoming Line Cable Space Requirement, 1,000 MCC, 4 Screw	3,647.96	
26 24 19 00-0436	EA	Incoming Line Cable Space Requirement, 1,000 MCC, 4 Crimp	3,647.96	
26 24 19 00-0437	EA	Bus Duct Transition Pull Box	1,190.71	
26 24 19 00-0438	EA	Throat And Transition To Substation	2,298.64	
26 24 19 00-0439	EA	Service Entrance Label Signage	497.80	
26 24 19 00-0440	EA	Type W To 5 Star - 10" Transition	1,040.54	
26 24 19 00-0441	EA	600 Amperes, Sub Feed Lugs On Main Bus	610.21	
26 24 19 00-0442		**Standard Structures And Structure Options/Modifications** *(26 24 19 00-0268)*		
26 24 19 00-0443	EA	Standard Structure Add For Each Additional 4" Of Structure Width	328.72	
26 24 19 00-0444	EA	Standard Structure Add For 8" Vertical Wireway In Lieu Of 4"	328.72	
26 24 19 00-0445	EA	Standard Structure Single Corner Section "L", 16" Depth	1,016.89	
26 24 19 00-0446	EA	Standard Structure Single Corner Section "L", 21" Depth	1,146.96	
26 24 19 00-0447	EA	Standard Structure Unused Space/Future Space	98.14	
26 24 19 00-0448	EA	Standard Structure NEMA 12 Dustproof	264.86	
26 24 19 00-0449	EA	Standard Structure Bottom Plate For NEMA 1 Gasket Enclosure	55.57	
26 24 19 00-0450	EA	Standard Structure 150 Watt Space	238.85	
26 24 19 00-0451	EA	Standard Structure Thermostat For Space Heater Control	742.98	
26 24 19 00-0452	EA	Standard Structure Rear Hinged Structure Door, 72" High	238.85	
26 24 19 00-0453	EA	Standard Structure NEMA 2 Drip Shield On Top Of MCC	480.00	
26 24 19 00-0454	EA	Standard Structure NEMA 3R N-Walk In Front Mounted	6,847.67	
26 24 19 00-0455	EA	Standard Structure NEMA 3R N-Walk In Back-to-back	7,914.91	
26 24 19 00-0456	EA	Standard Structure NEMA 3R Walk-In Aisle Front Mounted	7,922.57	
26 24 19 00-0457		**Installation Hours For Vertical Sections** *(26 24 19 00-0268)*		
26 24 19 00-0458	EA	Install Vertical Section, 230/480 Volt, 1 Section, 600 Amperes	717.89	358.95
26 24 19 00-0459	EA	Install Vertical Section, 230/480 Volt, 2 Section, 600 Amperes	1,076.83	538.44
26 24 19 00-0460	EA	Install Vertical Section, 230/480 Volt, 3 Section, 600 Amperes	1,196.52	598.27
26 24 19 00-0461	EA	Install Vertical Section, 230/480 Volt, 4 Section, 600 Amperes	1,435.96	717.92
26 24 19 00-0462	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 600 Amperes	119.65	59.83
26 24 19 00-0463	EA	Install Vertical Section, 230/480 Volt, 1 Section, 800 Amperes	717.89	358.95
26 24 19 00-0464	EA	Install Vertical Section, 230/480 Volt, 2 Section, 800 Amperes	1,076.83	538.44
26 24 19 00-0465	EA	Install Vertical Section, 230/480 Volt, 3 Section, 800 Amperes	1,196.52	598.27
26 24 19 00-0466	EA	Install Vertical Section, 230/480 Volt, 4 Section, 800 Amperes	1,435.96	717.92
26 24 19 00-0467	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 800 Amperes	119.65	59.83
26 24 19 00-0468	EA	Install Vertical Section, 230/480 Volt, 1 Section, 1,200 Amperes	837.59	418.78
26 24 19 00-0469	EA	Install Vertical Section, 230/480 Volt, 2 Section, 1,200 Amperes	1,076.83	538.44
26 24 19 00-0470	EA	Install Vertical Section, 230/480 Volt, 3 Section, 1,200 Amperes	1,435.96	717.92
26 24 19 00-0471	EA	Install Vertical Section, 230/480 Volt, 4 Section, 1,200 Amperes	1,674.92	837.45
26 24 19 00-0472	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 1,200 Amperes	179.48	89.74
26 24 19 00-0473	EA	Install Vertical Section, 230/480 Volt, 1 Section, 1,600 Amperes	957.22	478.61
26 24 19 00-0474	EA	Install Vertical Section, 230/480 Volt, 2 Section, 1,600 Amperes	1,316.29	658.09
26 24 19 00-0475	EA	Install Vertical Section, 230/480 Volt, 3 Section, 1,600 Amperes	1,674.92	837.45
26 24 19 00-0476	EA	Install Vertical Section, 230/480 Volt, 4 Section, 1,600 Amperes	1,914.11	957.10
26 24 19 00-0477	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 1,600 Amperes	239.30	119.65
26 24 19 00-0478	EA	Install Vertical Section, 230/480 Volt, 1 Section, 2,000 Amperes	957.22	478.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0479	EA	Install Vertical Section, 230/480 Volt, 2 Section, 2,000 Amperes	1,435.96	717.92
26 24 19 00-0480	EA	Install Vertical Section, 230/480 Volt, 3 Section, 2,000 Amperes	1,794.60	897.28
26 24 19 00-0481	EA	Install Vertical Section, 230/480 Volt, 4 Section, 2,000 Amperes	2,034.22	1,017.17
26 24 19 00-0482	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 2,000 Amperes	239.30	119.65
26 24 19 00-0483		Motor Control Centers *(26 24 19)*		
26 24 19 00-0484		2.4 KV Motor Control Centers *(26 24 19 00-0483)*		
26 24 19 00-0485	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 100 To 300 Hp	17,044.27	239.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*143.58*	
26 24 19 00-0486	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 400 Hp	17,044.27	239.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*143.58*	
26 24 19 00-0487	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 600 Hp	17,044.27	239.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*143.58*	
26 24 19 00-0488	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 700 Hp	17,104.13	269.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*161.54*	
26 24 19 00-0489	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,000 Hp	18,166.99	299.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*179.48*	
26 24 19 00-0490	EA	2,400 KV CL 11-202, Squirrel Cage Motor Control, 1,250 Hp	18,226.79	329.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*197.42*	
26 24 19 00-0491	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,500 Hp	18,286.61	358.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*215.37*	
26 24 19 00-0492	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,750 Hp	18,406.31	418.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*251.28*	
26 24 19 00-0493	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,000 Hp	18,525.94	478.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*287.17*	
26 24 19 00-0494	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,250 Hp	31,148.32	538.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*323.05*	
26 24 19 00-0495	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,500 Hp	33,436.24	598.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*358.96*	
26 24 19 00-0496	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 100 Hp	25,267.33	239.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*143.58*	
26 24 19 00-0497	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 150 Hp	26,324.53	257.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*154.36*	
26 24 19 00-0498	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 200 Hp	29,904.36	281.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*168.71*	
26 24 19 00-0499	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 300 Hp	33,283.79	299.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*179.48*	
26 24 19 00-0500	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 400 Hp	36,216.48	347.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*208.21*	
26 24 19 00-0501	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 600 Hp	39,678.76	370.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*222.56*	
26 24 19 00-0502	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 700 Hp	43,139.01	394.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*236.90*	
26 24 19 00-0503	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,000 Hp	47,245.38	430.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*258.46*	
26 24 19 00-0504	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,250 Hp	54,974.46	478.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*287.17*	
26 24 19 00-0505	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,500 Hp	59,559.26	508.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*305.13*	
26 24 19 00-0506	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,750 Hp	90,924.67	598.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*358.96*	
26 24 19 00-0507	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 2,000 Hp	96,880.42	658.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*394.89*	
26 24 19 00-0508	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 2,250 Hp	102,066.04	717.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*430.79*	
26 24 19 00-0509	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 2,500 Hp	111,138.38	777.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*466.73*	
26 24 19 00-0510	EA	2.4 KV CL 14-202, Synchronous Motor Control, 100 To 300 Hp	23,842.78	239.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*143.58*	
26 24 19 00-0511	EA	2.4 KV CL 14-202, Synchronous Motor Control, 400 Hp	23,902.64	269.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*161.54*	
26 24 19 00-0512	EA	2.4 KV CL 14-202, Synchronous Motor Control, 600 Hp	23,962.44	299.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*179.48*	
26 24 19 00-0513	EA	2.4 KV CL 14-202, Synchronous Motor Control, 700 Hp	24,022.24	329.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*197.42*	
26 24 19 00-0514	EA	2.4 KV CL 14-202, Synchronous Motor Control, 1,000 Hp	24,086.12	358.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*215.37*	
26 24 19 00-0515	EA	2,400 Volt CL 14-202, Synchronous Motor Control, 1,250 HP	24,146.00	388.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*233.33*	
26 24 19 00-0516	EA	2.4 KV CL 14-202, Synchronous Motor Control, 1,500 Hp	24,205.82	418.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*251.28*	
26 24 19 00-0517	EA	2.4 KV CL 14-202, Synchronous Motor Control, 1,750 Hp	24,445.06	538.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*323.05*	
26 24 19 00-0518	EA	2.4 KV CL 14-202, Synchronous Motor Control, 2,000 Hp	41,592.42	598.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*358.96*	
26 24 19 00-0519	EA	2.4 KV CL 14-202, Synchronous Motor Control, 2,250 Hp	41,712.19	658.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*394.89*	
26 24 19 00-0520	EA	2.4 KV CL 14-202, Synchronous Motor Control, 2,500 Hp	43,987.93	717.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*430.79*	
26 24 19 00-0521	EA	Add For Reversing Starters, 100 To 700 HP	9,378.28	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0522	EA	Add For Reversing Starters, 1,000 To 1,500 Hp	9,661.97	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.79*	
26 24 19 00-0523	EA	Add For Reversing Starters, 1,750 To 2,500 HP	14,778.58	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.79*	

26 24 19 00-0524 4.8 KV Motor Control Centers *(26 24 19 00-0483)*

26 24 19 00-0525	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 100 To 600 HP	18,570.31	358.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*215.37*	
26 24 19 00-0526	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 700 HP	18,630.19	388.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*233.33*	
26 24 19 00-0527	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,000 HP	18,690.01	418.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*251.28*	
26 24 19 00-0528	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,250 HP	18,749.86	448.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*269.23*	
26 24 19 00-0529	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,500 HP	19,802.56	478.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*287.17*	
26 24 19 00-0530	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,750 HP	19,862.45	508.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*305.13*	
26 24 19 00-0531	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,000 HP	19,922.17	538.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*323.05*	
26 24 19 00-0532	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,250 HP	19,982.10	568.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*341.03*	
26 24 19 00-0533	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,500 HP	20,041.86	598.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*358.96*	
26 24 19 00-0534	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 3,000 HP	33,906.92	777.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*466.73*	
26 24 19 00-0535	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 3,500 HP	34,026.09	837.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*502.48*	
26 24 19 00-0536	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 4,000 HP	36,303.87	897.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*538.38*	
26 24 19 00-0537	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 4,500 HP	36,423.38	957.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*574.23*	
26 24 19 00-0538	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 100 HP	25,794.35	358.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*215.37*	
26 24 19 00-0539	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 150 HP	26,137.93	388.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*233.33*	
26 24 19 00-0540	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 200 HP	30,473.41	418.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*251.28*	
26 24 19 00-0541	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 300 HP	33,866.66	448.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*269.23*	
26 24 19 00-0542	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 400 HP	36,763.37	478.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*287.17*	
26 24 19 00-0543	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 600 HP	40,237.71	508.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*305.13*	
26 24 19 00-0544	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 700 HP	43,499.11	538.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*323.05*	
26 24 19 00-0545	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,000 HP	47,804.31	568.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*341.03*	
26 24 19 00-0546	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,250 HP	55,361.68	598.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*358.96*	
26 24 19 00-0547	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,500 HP	60,499.65	628.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*376.91*	
26 24 19 00-0548	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,750 HP	65,697.44	688.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*412.82*	
26 24 19 00-0549	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 2,000 HP	69,990.45	717.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*430.79*	
26 24 19 00-0550	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 2,250 HP	74,040.10	747.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*448.70*	
26 24 19 00-0551	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 2,500 HP	79,703.13	777.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*466.73*	
26 24 19 00-0552	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 3,000 HP	126,283.24	957.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*574.23*	
26 24 19 00-0553	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 3,500 HP	140,425.91	1,017.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*610.27*	
26 24 19 00-0554	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 4,000 HP	168,762.69	1,076.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*646.10*	
26 24 19 00-0555	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 4,500 HP	178,499.45	1,076.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*646.10*	
26 24 19 00-0556	EA	4.8 KV CL 14-202, Synchronous Motor Control, 100 To 600 HP	25,484.46	418.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*251.28*	
26 24 19 00-0557	EA	4.8 KV CL 14-202, Synchronous Motor Control, 700 HP	25,544.31	448.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*269.23*	
26 24 19 00-0558	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,000 HP	25,604.09	478.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*287.17*	
26 24 19 00-0559	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,250 HP	25,663.98	508.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*305.13*	
26 24 19 00-0560	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,500 HP	27,859.51	538.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*323.05*	
26 24 19 00-0561	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,750 HP	27,919.44	568.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*341.03*	
26 24 19 00-0562	EA	4.8 KV CL 14-202, Synchronous Motor Control, 2,000 HP	27,979.20	598.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*358.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0563	EA	4.8 KV CL 14-202, Synchronous Motor Control, 2,250 HP	28,039.06	628.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*376.91*	
26 24 19 00-0564	EA	4.8 KV CL 14-202, Synchronous Motor Control, 2,500 HP	28,098.97	658.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*394.89*	
26 24 19 00-0565	EA	4.8 KV CL 14-202, Synchronous Motor Control, 3,000 HP	28,457.60	837.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*502.48*	
26 24 19 00-0566	EA	4.8 KV CL 14-202, Synchronous Motor Control, 3,500 HP	45,888.65	897.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*538.38*	
26 24 19 00-0567	EA	4.8 KV CL 14-202, Synchronous Motor Control, 4,000 HP	48,156.12	957.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*574.23*	
26 24 19 00-0568	EA	4.8 KV CL 14-202, Synchronous Motor Control, 4,500 HP	48,156.12	957.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*574.23*	
26 24 19 00-0569	EA	Add For Reversing Starters, 100 To 1,250 HP	11,127.65	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.79*	
26 24 19 00-0570	EA	Add For Reversing Starters, 1,500 To 2,500 HP	11,465.65	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.79*	
26 24 19 00-0571	EA	Add For Reversing Starters, 3,000 To 4,500 HP	17,561.67	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.79*	

26 24 19 00-0572 2.4/4.8 KV Motor Control Centers, Accessories *(26 24 19 00-0483)*

26 24 19 00-0573	EA	2.4/4.8 KV Load Break Disconnect Switch 600 Amperes	14,481.37	239.30
26 24 19 00-0574	EA	2.4/4.8 KV Load Break Disconnect Switch 1,200 Amperes	17,402.90	358.95
26 24 19 00-0575	EA	2.4/4.8 KV NEMA 3 Weather Resistant	5,700.09	
26 24 19 00-0576	EA	2.4/4.8 KV Space Heaters	296.71	17.95
26 24 19 00-0577	EA	2.4/4.8 KV Potential Transformer Fused	1,651.36	
26 24 19 00-0578	EA	2.4/4.8 KV Current Transformer 600 Volt, 5 KVA	886.04	
26 24 19 00-0579	EA	2.4/4.8 KV Control Transformer 4 KVA Max	2,638.80	
26 24 19 00-0580	EA	2.4/4.8 KV Pushbuttons Each	169.00	
26 24 19 00-0581	EA	2.4/4.8 KV Selector Switch Each	560.11	
26 24 19 00-0582	EA	2.4/4.8 KV Indicating Light	169.00	
26 24 19 00-0583	EA	2.4/4.8 KV Push To Test Light	511.82	
26 24 19 00-0584	EA	2.4/4.8 KV AC Voltmeter, Switchboard Type	1,361.65	
26 24 19 00-0585	EA	2.4/4.8 KV AC Ammeter, Switchboard Type	1,361.65	
26 24 19 00-0586	EA	2.4/4.8 KV Power Factor Meter	4,072.87	
26 24 19 00-0587	EA	2.4/4.8 KV Watt Hr Meter, 2 Element Drawout	2,807.79	
26 24 19 00-0588	EA	2.4/4.8 KV Operation Counter	547.71	17.95
26 24 19 00-0589	EA	2.4/4.8 KV Phase Failure Protection	3,939.02	59.83
26 24 19 00-0590	EA	2.4/4.8 KV Ground Protection	7,524.75	29.91
26 24 19 00-0591	EA	2.4/4.8 KV Synchronous Motor DC Protection	2,823.81	29.91
26 24 19 00-0592	EA	2.4/4.8 KV Lightning Arresters	5,635.05	17.95
26 24 19 00-0593	EA	2.4/4.8 KV Portable Lifting Mechanism	8,161.78	
26 24 19 00-0594	EA	2.4/4.8 KV Auxiliary Timing Relay	937.37	59.83
26 24 19 00-0595	EA	2.4/4.8 KV Auxiliary Control Relay	660.40	59.83

26 24 19 00-0596 Incoming Section And Feeder Air Circuit Breakers *(26 24 19 00-0483)*

Note: 3 Pole. Includes structure.

26 24 19 00-0597	EA	Incoming Section MCC, Air Circuit Breaker, 70 - 100 Amperes, 14,000 Ampere IC, 3-Pole, With Structure Included	1,336.24	358.83
26 24 19 00-0598	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 225 Amperes, 22,000 Ampere IC, 3-Pole, With Structure Included	2,319.48	635.16
26 24 19 00-0599	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included	2,775.08	813.26
26 24 19 00-0600	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 600 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included	4,452.92	1,309.61
26 24 19 00-0601	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 1,200 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included	5,235.51	1,440.57
26 24 19 00-0602	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 2,000 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included	6,746.97	1,597.72
26 24 19 00-0603	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amperes, 45,000 Ampere IC, 3-Pole, With Structure Included	7,852.97	1,872.73
26 24 19 00-0604	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amperes, 100,000 Ampere IC, 3-Pole, With Structure Included	13,529.66	2,181.80

26 24 19 00-0605 Main Lugs Only *(26 24 19 00-0483)*

26 24 19 00-0606	EA	600 Amperes Incoming Section, Main Lugs	1,070.69	458.36
26 24 19 00-0607	EA	800 Amperes Incoming Section, Main Lugs	1,163.41	458.36
26 24 19 00-0608	EA	1,200 Amperes Incoming Section, Main Lugs	1,633.59	720.28
26 24 19 00-0609	EA	2,000 Amperes Incoming Section, Main Lugs	3,985.39	1,309.61
26 24 19 00-0610	EA	3,000 Amperes Incoming Section, Main Lugs	6,057.55	1,898.92
26 24 19 00-0611	EA	4,000 Amperes Incoming Section, Main Lugs	8,641.69	2,619.21

26 24 19 00-0612 Incoming Main Circuit Breaker Structure *(26 24 19 00-0483)*

Note: Includes structure, main breaker, 42 KA bus bracing, 600 A tin plated copper bus, NEMA 1 enclosure, 15" cabinet depth, and 1/4" x 2" tin plated copper horizontal ground bus.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0613	EA	225 Amperes, Main Circuit Breaker Section	7,059.80	633.72
		For NEMA 12, Add	*245.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
26 24 19 00-0614	EA	400 Amperes, Main Circuit Breaker Section	14,948.34	814.05
		For NEMA 12, Add	*245.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
26 24 19 00-0615	EA	600 Amperes, Main Circuit Breaker Section	15,551.09	1,267.95
		For NEMA 12, Add	*245.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
26 24 19 00-0616	EA	800 Amperes, Main Circuit Breaker Section	22,057.68	1,267.95
		For NEMA 12, Add	*245.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
26 24 19 00-0617	EA	1,200 Amperes, Main Circuit Breaker Section	31,897.33	1,434.68
		For NEMA 12, Add	*245.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
26 24 19 00-0618		**Incoming Fusible Main Disconnect Section** *(26 24 19 00-0483)*		
		Note: Includes structure, fuses, 42 KA bus bracing, 600 A tin plated copper bus, NEMA 1 enclosure, 15" cabinet depth, and 1/4" x 2" tin plated copper horizontal ground bus.		
26 24 19 00-0619	EA	200 Amperes, Fusible Main Disconnect Section	6,136.11	634.51
		For NEMA 12, Add	*245.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
26 24 19 00-0620	EA	400 Amperes, Fusible Main Disconnect Section	8,467.90	814.45
		For NEMA 12, Add	*245.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
26 24 19 00-0621	EA	600 Amperes, Fusible Main Disconnect Section	16,520.02	1,269.01
		For NEMA 12, Add	*245.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
26 24 19 00-0622	EA	800 Amperes, Fusible Main Disconnect Section	19,189.14	1,269.01
		For NEMA 12, Add	*245.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
26 24 19 00-0623	EA	1,200 Amperes, Fusible Main Disconnect Section	27,000.44	1,435.98
		For NEMA 12, Add	*245.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
26 24 19 00-0624		**Circuit Breaker Combination Starters** *(26 24 19 00-0483)*		
26 24 19 00-0625		**Class I, Type A** *(26 24 19 00-0624)*		
26 24 19 00-0626	EA	Size 1, Class I, Type A Circuit Breaker Combination Starter	1,110.16	265.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*151.58*	
26 24 19 00-0627	EA	Size 2, Class I, Type A Circuit Breaker Combination Starter	1,289.86	265.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*167.90*	
26 24 19 00-0628	EA	Size 3, Class I, Type A Circuit Breaker Combination Starter	1,869.17	377.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*225.80*	
26 24 19 00-0629	EA	Size 4, Class I, Type A Circuit Breaker Combination Starter	3,030.88	496.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*297.64*	
26 24 19 00-0630	EA	Size 5, Class I, Type A Circuit Breaker Combination Starter	5,400.31	620.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*372.05*	
26 24 19 00-0631		**Class I, Type B** *(26 24 19 00-0624)*		
26 24 19 00-0632	EA	Size 1, Class I, Type B Circuit Breaker Combination Starter	1,048.38	231.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0633	EA	Size 2, Class I, Type B Circuit Breaker Combination Starter	1,221.80	231.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*147.48*	
26 24 19 00-0634	EA	Size 3, Class I, Type B Circuit Breaker Combination Starter	1,788.11	335.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*201.48*	
26 24 19 00-0635	EA	Size 4, Class I, Type B Circuit Breaker Combination Starter	2,948.21	454.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*272.84*	
26 24 19 00-0636	EA	Size 5, Class I, Type B Circuit Breaker Combination Starter	5,333.63	580.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*352.04*	
26 24 19 00-0637		**Class I, Type C** *(26 24 19 00-0624)*		
26 24 19 00-0638	EA	Size 1, Class I, Type C Circuit Breaker Combination Starter	1,100.97	214.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.62*	
26 24 19 00-0639	EA	Size 2, Class I, Type C Circuit Breaker Combination Starter	1,286.16	214.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*139.32*	
26 24 19 00-0640	EA	Size 3, Class I, Type C Circuit Breaker Combination Starter	1,908.09	320.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*192.59*	
26 24 19 00-0641	EA	Size 4, Class I, Type C Circuit Breaker Combination Starter	3,075.65	443.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*266.18*	
26 24 19 00-0642	EA	Size 5, Class I, Type C Circuit Breaker Combination Starter	5,451.04	569.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*341.04*	
26 24 19 00-0643		**Class II, Type B** *(26 24 19 00-0624)*		
26 24 19 00-0644	EA	Size 1, Class II, Type B Circuit Breaker Combination Starter	1,118.61	318.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*179.89*	
26 24 19 00-0645	EA	Size 2, Class II, Type B Circuit Breaker Combination Starter	1,533.72	318.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*200.86*	
26 24 19 00-0646	EA	Size 3, Class II, Type B Circuit Breaker Combination Starter	2,165.73	424.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*253.80*	
26 24 19 00-0647	EA	Size 4, Class II, Type B Circuit Breaker Combination Starter	3,514.18	543.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*327.40*	
26 24 19 00-0648	EA	Size 5, Class II, Type B Circuit Breaker Combination Starter	6,290.48	663.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*399.27*	
26 24 19 00-0649		**Class II, Type C** *(26 24 19 00-0624)*		
26 24 19 00-0650	EA	Size 1, Class II, Type C Circuit Breaker Combination Starter	1,382.75	301.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*172.32*	
26 24 19 00-0651	EA	Size 2, Class II, Type C Circuit Breaker Combination Starter	1,585.17	301.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*188.16*	
26 24 19 00-0652	EA	Size 3, Class II, Type C Circuit Breaker Combination Starter	2,292.13	411.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*246.17*	
26 24 19 00-0653	EA	Size 4, Class II, Type C Circuit Breaker Combination Starter	3,632.01	530.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*317.87*	
26 24 19 00-0654	EA	Size 5, Class II, Type C Circuit Breaker Combination Starter	6,426.29	654.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*394.46*	
26 24 19 00-0655		**Fused Disconnect Combination Starter** *(26 24 19 00-0483)*		
26 24 19 00-0656		**Class I, Type A** *(26 24 19 00-0655)*		
26 24 19 00-0657	EA	Size 1, Class I, Type A Fused Disconnect Combination Starter	1,015.85	244.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*147.48*	
26 24 19 00-0658	EA	Size 2, Class I, Type A Fused Disconnect Combination Starter	1,524.78	335.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*200.86*	
26 24 19 00-0659	EA	Size 3, Class I, Type A Fused Disconnect Combination Starter	2,404.93	436.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*261.92*	
26 24 19 00-0660	EA	Size 4, Class I, Type A Fused Disconnect Combination Starter	3,292.98	611.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*367.87*	
26 24 19 00-0661	EA	Size 5, Class I, Type A Fused Disconnect Combination Starter	5,711.78	779.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*467.72*	
26 24 19 00-0662		**Class I, Type B** *(26 24 19 00-0655)*		
26 24 19 00-0663	EA	Size 1, Class I, Type B Fused Disconnect Combination Starter	1,028.29	218.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.96*	
26 24 19 00-0664	EA	Size 2, Class I, Type B Fused Disconnect Combination Starter	1,386.02	299.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*179.89*	
26 24 19 00-0665	EA	Size 3, Class I, Type B Fused Disconnect Combination Starter	2,042.51	400.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*240.74*	
26 24 19 00-0666	EA	Size 4, Class I, Type B Fused Disconnect Combination Starter	3,399.15	578.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*348.30*	
26 24 19 00-0667	EA	Size 5, Class I, Type B Fused Disconnect Combination Starter	5,799.85	736.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*442.43*	
26 24 19 00-0668		**Class I, Type C** *(26 24 19 00-0655)*		
26 24 19 00-0669	EA	Size 1, Class I, Type C Fused Disconnect Combination Starter	1,083.12	204.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*122.62*	
26 24 19 00-0670	EA	Size 2, Class I, Type C Fused Disconnect Combination Starter	1,456.93	277.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*167.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0671	EA	Size 3, Class I, Type C Fused Disconnect Combination Starter	2,211.13	386.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*233.86*	
26 24 19 00-0672	EA	Size 4, Class I, Type C Fused Disconnect Combination Starter	3,566.52	569.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*341.04*	
26 24 19 00-0673	EA	Size 5, Class I, Type C Fused Disconnect Combination Starter	5,492.45	728.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*436.54*	
26 24 19 00-0674		**Class II, Type B** *(26 24 19 00-0655)*		
26 24 19 00-0675	EA	Size 1, Class II, Type B Fused Disconnect Combination Starter	1,303.12	306.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*183.93*	
26 24 19 00-0676	EA	Size 2, Class II, Type B Fused Disconnect Combination Starter	1,680.62	382.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*228.95*	
26 24 19 00-0677	EA	Size 3, Class II, Type B Fused Disconnect Combination Starter	2,424.89	492.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*294.96*	
26 24 19 00-0678	EA	Size 4, Class II, Type B Fused Disconnect Combination Starter	3,921.91	663.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*399.27*	
26 24 19 00-0679	EA	Size 5, Class II, Type B Fused Disconnect Combination Starter	6,664.17	828.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*496.06*	
26 24 19 00-0680		**Class II, Type C** *(26 24 19 00-0655)*		
26 24 19 00-0681	EA	Size 1, Class II, Type C Fused Disconnect Combination Starter	1,347.02	288.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*172.32*	
26 24 19 00-0682	EA	Size 2, Class II, Type C Fused Disconnect Combination Starter	1,751.08	361.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*216.82*	
26 24 19 00-0683	EA	Size 3, Class II, Type C Fused Disconnect Combination Starter	2,563.97	470.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*282.24*	
26 24 19 00-0684	EA	Size 4, Class II, Type C Fused Disconnect Combination Starter	4,071.69	648.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*389.76*	
26 24 19 00-0685	EA	Size 5, Class II, Type C Fused Disconnect Combination Starter	6,807.10	802.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*481.47*	
26 24 19 00-0686		**Space Complete With Bus And Hardware** *(26 24 19 00-0483)*		
26 24 19 00-0687		**Circuit Breaker Type** *(26 24 19 00-0686)*		
26 24 19 00-0688	EA	Circuit Breaker Type, Size 1 Space Complete With Bus And Hardware	315.90	89.05
26 24 19 00-0689	EA	Circuit Breaker Type, Size 2 Space Complete With Bus And Hardware	315.90	89.05
26 24 19 00-0690	EA	Circuit Breaker Type, Size 3 Space Complete With Bus And Hardware	469.13	129.66
26 24 19 00-0691	EA	Circuit Breaker Type, Size 4 Space Complete With Bus And Hardware	559.23	170.25
26 24 19 00-0692	EA	Circuit Breaker Type, Size 5 Space Complete With Bus And Hardware	934.80	259.30
26 24 19 00-0693		**Fused Disconnect Type** *(26 24 19 00-0686)*		
26 24 19 00-0694	EA	Fused Disconnect Type, Size 1 Space Complete With Bus And Hardware	315.90	89.05
26 24 19 00-0695	EA	Fused Disconnect Type, Size 2 Space Complete With Bus And Hardware	420.54	129.66
26 24 19 00-0696	EA	Fused Disconnect Type, Size 3 Space Complete With Bus And Hardware	583.00	170.25
26 24 19 00-0697	EA	Fused Disconnect Type, Size 4 Space Complete With Bus And Hardware	1,001.15	259.30
26 24 19 00-0698	EA	Fused Disconnect Type, Size 5 Space Complete With Bus And Hardware	1,397.87	377.16
26 24 19 00-0699		**Blank Space For Future Expansion** *(26 24 19 00-0686)*		
		Note: Factory modified no labor costs.		
26 24 19 00-0700	EA	Blank Space For Future Expansion, Size 1 Factory Modified, No Crew Costs	138.45	
26 24 19 00-0701	EA	Blank Space For Future Expansion, Size 2 Factory Modified, No Crew Costs	138.45	
26 24 19 00-0702	EA	Blank Space For Future Expansion, Size 3 Factory Modified, No Crew Costs	209.91	
26 24 19 00-0703	EA	Blank Space For Future Expansion, Size 4 Factory Modified, No Crew Costs	209.91	
26 24 19 00-0704	EA	Blank Space For Future Expansion, Size 5 Factory Modified, No Crew Costs	417.58	
26 24 19 00-0705		**Structure Combination Of Starters To 72" High** *(26 24 19 00-0686)*		
26 24 19 00-0706	EA	Structure Combination Of Starters To 72" High	3,629.19	689.24
26 24 19 00-0707		**Motor Control Center Basic Distribution Section** *(26 24 19 00-0483)*		
26 24 19 00-0708	EA	20" Wide Basic Section With Vertical Wireway	6,171.87	1,794.94
		For 2,000 Amperes, Tin Plated Copper Bus, Add	*506.00*	
		For NEMA 1 With Gasket, Add	*97.00*	
		For 600 Amperes, Tin Plated Copper Vertical, Add	*210.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For 1,600 Amperes, Tin Plated Copper Bus, Add	*402.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0709	EA	25" To 35" Wide Basic Section (No Vertical Wireway)	6,171.87	1,794.94
		For 2,000 Amperes, Tin Plated Copper Bus, Add	*506.00*	
		For NEMA 1 With Gasket, Add	*97.00*	
		For 600 Amperes, Tin Plated Copper Vertical, Add	*210.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For 1,600 Amperes, Tin Plated Copper Bus, Add	*402.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
26 24 19 00-0710	EA	25" Wide Basic Section With 9" Wide Vertical Wireway	6,780.27	1,794.94
		For 2,000 Amperes, Tin Plated Copper Bus, Add	*506.00*	
		For NEMA 1 With Gasket, Add	*97.00*	
		For 600 Amperes, Tin Plated Copper Vertical, Add	*210.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For 1,600 Amperes, Tin Plated Copper Bus, Add	*402.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
26 24 19 00-0711	EA	Corner Section	6,780.27	1,794.94
		For 2,000 Amperes, Tin Plated Copper Bus, Add	*506.00*	
		For NEMA 1 With Gasket, Add	*97.00*	
		For 600 Amperes, Tin Plated Copper Vertical, Add	*210.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For 1,600 Amperes, Tin Plated Copper Bus, Add	*402.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	

26 24 19 00-0712 Motor Control Center Starters With HMCP Circuit Breaker *(26 24 19 00-0483)*

Note: Includes door, unit support pan, heater elements, and NEMA 1 with gasket, or NEMA 12 enclosure. Line voltages of 208 V, 240 V, 480 V, and 600 V.

26 24 19 00-0713 FVNR Starters With HMCP Circuit Breaker *(26 24 19 00-0712)*

26 24 19 00-0714	EA	Class 1, Type A, Size 1 FVNR Starters With HMCP Circuit Breaker	1,562.79	252.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*151.25*	
26 24 19 00-0715	EA	Class 1, Type A, Size 2 FVNR Starters With HMCP Circuit Breaker	1,739.28	279.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*167.75*	
26 24 19 00-0716	EA	Class 1, Type A, Size 3 FVNR Starters With HMCP Circuit Breaker	2,995.67	375.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*225.53*	
26 24 19 00-0717	EA	Class 1, Type A, Size 4 FVNR Starters With HMCP Circuit Breaker	4,336.14	495.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*297.37*	
26 24 19 00-0718	EA	Class 1, Type A, Size 5 FVNR Starters With HMCP Circuit Breaker	9,792.52	619.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*371.62*	
26 24 19 00-0719	EA	Class 1, Type A, Size 6 FVNR Starters With HMCP Circuit Breaker	22,753.55	619.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*371.62*	
26 24 19 00-0720	EA	Class 1, Type B, Size 1 FVNR Starters With HMCP Circuit Breaker	1,571.20	218.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.82*	
26 24 19 00-0721	EA	Class 1, Type B, Size 2 FVNR Starters With HMCP Circuit Breaker	1,771.97	245.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*147.32*	
26 24 19 00-0722	EA	Class 1, Type B, Size 3 FVNR Starters With HMCP Circuit Breaker	3,053.95	335.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*201.15*	
26 24 19 00-0723	EA	Class 1, Type B, Size 4 FVNR Starters With HMCP Circuit Breaker	4,331.38	454.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*272.68*	
26 24 19 00-0724	EA	Class 1, Type B, Size 5 FVNR Starters With HMCP Circuit Breaker	9,804.80	586.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*352.04*	
26 24 19 00-0725	EA	Class 1, Type B, Size 6 FVNR Starters With HMCP Circuit Breaker	22,905.29	586.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*352.04*	

26 24 19 00-0726 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker *(26 24 19 00-0712)*

26 24 19 00-0727	EA	Class 1, Type A, Size 1 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	2,487.04	315.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*189.25*	
26 24 19 00-0728	EA	Class 1, Type A, Size 2 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	3,044.33	349.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*209.43*	
26 24 19 00-0729	EA	Class 1, Type A, Size 3 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	4,997.90	469.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*281.43*	
26 24 19 00-0730	EA	Class 1, Type A, Size 4 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	8,564.22	620.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*372.05*	
26 24 19 00-0731	EA	Class 1, Type A, Size 5 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	15,404.26	775.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*465.50*	
26 24 19 00-0732	EA	Class 1, Type B, Size 1 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	2,517.28	272.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*163.43*	
26 24 19 00-0733	EA	Class 1, Type B, Size 2 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	3,100.07	307.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*184.28*	
26 24 19 00-0734	EA	Class 1, Type B, Size 3 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	5,077.61	419.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*251.85*	
26 24 19 00-0735	EA	Class 1, Type B, Size 4 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	8,577.17	568.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*341.04*	
26 24 19 00-0736	EA	Class 1, Type B, Size 5 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	15,437.06	734.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*440.45*	

26 24 19 00-0737 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker *(26 24 19 00-0712)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0738	EA	Class 1, Type A, Size 1 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	2,719.65	315.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*189.25*	
26 24 19 00-0739	EA	Class 1, Type A, Size 2 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	3,852.26	349.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*209.43*	
26 24 19 00-0740	EA	Class 1, Type A, Size 3 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	7,235.59	469.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*281.43*	
26 24 19 00-0741	EA	Class 1, Type A, Size 4 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	9,849.77	620.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*372.05*	
26 24 19 00-0742	EA	Class 1, Type A, Size 5 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	19,660.99	775.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*465.50*	
26 24 19 00-0743	EA	Class 1, Type B, Size 1 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	2,749.89	272.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*163.43*	
26 24 19 00-0744	EA	Class 1, Type B, Size 2 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	3,907.99	307.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*184.28*	
26 24 19 00-0745	EA	Class 1, Type B, Size 3 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	7,315.30	419.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*251.85*	
26 24 19 00-0746	EA	Class 1, Type B, Size 4 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	9,862.72	568.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*341.04*	
26 24 19 00-0747	EA	Class 1, Type B, Size 5 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	19,693.79	734.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*440.45*	

26 24 19 00-0748 Motor Control Center Starters With Fusible Disconnect *(26 24 19 00-0483)*

Note: Includes fuses, door, unit support pan, heater elements, and NEMA 1 with gasket, or NEMA 12 enclosure.
Line voltages of 208 V, 240 V, 480 V, and 600 V.

26 24 19 00-0749 FVNR Starters With Fusible Disconnect *(26 24 19 00-0748)*

26 24 19 00-0750	EA	Class 1, Type A, Size 1 FVNR Starters With Fusible Disconnect	1,268.51	245.81
26 24 19 00-0751	EA	Class 1, Type A, Size 2 FVNR Starters With Fusible Disconnect	1,655.98	334.08
26 24 19 00-0752	EA	Class 1, Type A, Size 3 FVNR Starters With Fusible Disconnect	2,739.37	435.31
26 24 19 00-0753	EA	Class 1, Type A, Size 4 FVNR Starters With Fusible Disconnect	4,597.49	613.15
26 24 19 00-0754	EA	Class 1, Type A, Size 5 FVNR Starters With Fusible Disconnect	9,156.04	779.47
26 24 19 00-0755	EA	Class 1, Type A, Size 6 FVNR Starters With Fusible Disconnect	22,994.67	779.47
26 24 19 00-0756	EA	Class 1, Type B, Size 1 FVNR Starters With Fusible Disconnect	1,288.33	217.92
26 24 19 00-0757	EA	Class 1, Type B, Size 2 FVNR Starters With Fusible Disconnect	1,687.15	299.24
26 24 19 00-0758	EA	Class 1, Type B, Size 3 FVNR Starters With Fusible Disconnect	2,810.63	401.26
26 24 19 00-0759	EA	Class 1, Type B, Size 4 FVNR Starters With Fusible Disconnect	4,609.80	580.55
26 24 19 00-0760	EA	Class 1, Type B, Size 5 FVNR Starters With Fusible Disconnect	9,149.30	737.44
26 24 19 00-0761	EA	Class 1, Type B, Size 6 FVNR Starters With Fusible Disconnect	23,127.51	737.44

26 24 19 00-0762 Two Speed 2-Winding (TS2W) With Fusible Disconnect *(26 24 19 00-0748)*

26 24 19 00-0763	EA	Class 1, Type A, Size 1 Two Speed 2-Winding (TS2W) With Fusible Disconnect	2,164.59	307.76
26 24 19 00-0764	EA	Class 1, Type A, Size 2 Two Speed 2-Winding (TS2W) With Fusible Disconnect	3,013.97	417.63
26 24 19 00-0765	EA	Class 1, Type A, Size 3 Two Speed 2-Winding (TS2W) With Fusible Disconnect	4,648.18	543.88
26 24 19 00-0766	EA	Class 1, Type A, Size 4 Two Speed 2-Winding (TS2W) With Fusible Disconnect	9,676.83	768.60
26 24 19 00-0767	EA	Class 1, Type A, Size 5 Two Speed 2-Winding (TS2W) With Fusible Disconnect	15,680.97	899.44
26 24 19 00-0768	EA	Class 1, Type B, Size 1 Two Speed 2-Winding (TS2W) With Fusible Disconnect	2,209.20	272.40
26 24 19 00-0769	EA	Class 1, Type B, Size 2 Two Speed 2-Winding (TS2W) With Fusible Disconnect	3,065.82	373.76
26 24 19 00-0770	EA	Class 1, Type B, Size 3 Two Speed 2-Winding (TS2W) With Fusible Disconnect	4,743.08	502.11
26 24 19 00-0771	EA	Class 1, Type B, Size 4 Two Speed 2-Winding (TS2W) With Fusible Disconnect	9,704.71	724.34
26 24 19 00-0772	EA	Class 1, Type B, Size 5 Two Speed 2-Winding (TS2W) With Fusible Disconnect	15,694.74	848.24

26 24 19 00-0773 Two Speed 1-Winding (TS1W) With Fusible Disconnect *(26 24 19 00-0748)*

26 24 19 00-0774	EA	Class 1, Type A, Size 1 Two Speed 1-Winding (TS1W) With Fusible Disconnect	2,515.05	307.76
26 24 19 00-0775	EA	Class 1, Type A, Size 2 Two Speed 1-Winding (TS1W) With Fusible Disconnect	3,834.31	417.63
26 24 19 00-0776	EA	Class 1, Type A, Size 3 Two Speed 1-Winding (TS1W) With Fusible Disconnect	6,909.13	543.88
26 24 19 00-0777	EA	Class 1, Type A, Size 4 Two Speed 1-Winding (TS1W) With Fusible Disconnect	10,148.25	768.60
26 24 19 00-0778	EA	Class 1, Type A, Size 5 Two Speed 1-Winding (TS1W) With Fusible Disconnect	19,072.40	899.44
26 24 19 00-0779	EA	Class 1, Type B, Size 1 Two Speed 1-Winding (TS1W) With Fusible Disconnect	2,560.70	272.40
26 24 19 00-0780	EA	Class 1, Type B, Size 2 Two Speed 1-Winding (TS1W) With Fusible Disconnect	3,886.15	373.76
26 24 19 00-0781	EA	Class 1, Type B, Size 3 Two Speed 1-Winding (TS1W) With Fusible Disconnect	7,004.03	502.11
26 24 19 00-0782	EA	Class 1, Type B, Size 4 Two Speed 1-Winding (TS1W) With Fusible Disconnect	10,176.13	724.34
26 24 19 00-0783	EA	Class 1, Type B, Size 5 Two Speed 1-Winding (TS1W) With Fusible Disconnect	19,086.17	848.24

26 24 19 00-0784 Tin Plated Copper Bus Bar And Ground Bus Bar Splice Kit *(26 24 19 00-0483)*

Note: Per section. Labor is included in basic distribution section.

26 24 19 00-0785	EA	600 Amperes, Horizontal Tin Plated Copper Bus Kit	268.50	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.84*	
26 24 19 00-0786	EA	800 Amperes, Horizontal Tin Plated Copper Bus Kit	328.46	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.84*	
26 24 19 00-0787	EA	1,200 Amperes, Horizontal Tin Plated Copper Bus Kit	394.98	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.81*	
26 24 19 00-0788	EA	1,600 Amperes, Horizontal Tin Plated Copper Bus Kit	512.84	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.81*	
26 24 19 00-0789	EA	2,000 Amperes, Horizontal Tin Plated Copper Bus Kit	858.48	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.77*	
26 24 19 00-0790	EA	1/4" x 2" Horizontal Tin Plated Copper Ground Bus Kit	154.42	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0791		**Disconnect (Safety) Switch For Motor Control Centers** *(26 24 19 00-0483)*		
26 24 19 00-0792		**3 Pole Circuit Breaker Disconnect For Motor Control Center** *(26 24 19 00-0791)* Note: Includes door, unit support pan, inverse time (Thermal Magnetic) circuit breaker, and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Class 1 type A (no starters).		
26 24 19 00-0793	EA	150 Amperes Rating, 15 To 100 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	1,493.09	189.24
26 24 19 00-0794	EA	150 Amperes Rating, 125 To 150 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	2,769.47	209.54
26 24 19 00-0795	EA	225 Amperes Rating, 70 To 225 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	3,344.45	282.22
26 24 19 00-0796	EA	400 Amperes Rating, 125 To 400 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	5,673.55	371.93
26 24 19 00-0797	EA	600 Amperes Rating, 300 To 600 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	10,031.09	464.91
26 24 19 00-0798	EA	800 Amperes Rating, 400 To 800 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	11,527.23	464.91
26 24 19 00-0799	EA	1,200 Amperes Rating, 600 To 1,200 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	24,231.72	582.12
26 24 19 00-0800		**Fusible Disconnect (Safety) Switch For Motor Control Center** *(26 24 19 00-0791)* Note: Includes door, unit support pan, fuses and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Class 1 type A (no starters).		
26 24 19 00-0801	EA	30 Amperes Switch Rating, Fusible Disconnect Switch With 30 Amperes Fuse Clips	879.73	184.00
26 24 19 00-0802	EA	60 Amperes Switch Rating, Fusible Disconnect Switch With 60 Amperes Fuse Clips	1,044.36	250.79
26 24 19 00-0803	EA	100 Amperes Switch Rating, Fusible Disconnect Switch With 100 Amperes Fuse Clips	1,426.38	320.86
26 24 19 00-0804	EA	200 Amperes Switch Rating, Fusible Disconnect Switch With 200 Amperes Fuse Clips	2,629.86	459.67
26 24 19 00-0805	EA	400 Amperes Switch Rating, Fusible Disconnect Switch With 400 Amperes Fuse Clips	4,622.75	584.61
26 24 19 00-0806	EA	600 Amperes Switch Rating, Fusible Disconnect Switch With 600 Amperes Fuse Clips	10,453.46	584.61
26 24 19 00-0807	EA	800 Amperes Switch Rating, Fusible Disconnect Switch With 800 Amperes Fuse Clips	12,924.54	730.76
26 24 19 00-0808	EA	1,200 Amperes Switch Rating, Fusible Disconnect Switch With 1,200 Amperes Fuse Clips	19,028.18	730.76
26 24 19 00-0809		**Control Circuit Transformer** *(26 24 19 00-0483)*		
26 24 19 00-0810	EA	Control Circuit Transformer, Size 1 Factory Installed	73.86	
26 24 19 00-0811	EA	Control Circuit Transformer, Size 2 Factory Installed	73.86	
26 24 19 00-0812	EA	Control Circuit Transformer, Size 3 Factory Installed	142.25	
26 24 19 00-0813	EA	Control Circuit Transformer, Size 4 Factory Installed	142.25	
26 24 19 00-0814	EA	Control Circuit Transformer, Size 5 Factory Installed	197.62	
26 24 19 00-0815	EA	Control Circuit Fuse And Holder Small Dim, Dual Element Time Delay	58.12	14.82
26 24 19 00-0816		**Cover Mounted Control Devices** *(26 24 19 00-0483)*		
26 24 19 00-0817	EA	Control Device, 2 Unit Push Button Station Cover Mounted	128.43	26.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.37*	
26 24 19 00-0818	EA	Control Device, 2-3 Unit Selector Switch Cover Mounted	144.81	26.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.46*	
26 24 19 00-0819	EA	Control Device, Pilot Light Cover Mounted	120.20	26.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.26*	
26 24 19 00-0820	EA	Control Device, Hand-Off-Auto Switch Cover Mounted With Pilot Light	332.10	89.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.67*	
26 24 19 00-0821	EA	Auxiliary Contact Add Per Starter	385.82	33.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.36*	
26 24 19 00-0822		**Extra Interlocks** *(26 24 19 00-0483)* Note: Per contact.		
26 24 19 00-0823	EA	Extra Interlocks, Class I, Type A Per Contact	84.11	17.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.26*	
26 24 19 00-0824	EA	Extra Interlocks, Class I, Type B Per Contact	114.98	17.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.26*	
26 24 19 00-0825	EA	Extra Interlocks, Class I, Type C Per Contact	126.73	17.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.23*	
26 24 19 00-0826	EA	Extra Interlocks, Class II, Type B Per Contact	113.74	17.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.19*	
26 24 19 00-0827	EA	Extra Interlocks, Class II, Type C Per Contact	119.40	17.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 24 19 00-0828		**Special Cabinet Provisions** *(26 24 19 00-0483)*		
26 24 19 00-0829	EA	Provisions For Bus Duct Entrance Special Cabinet Provisions	924.64	
26 24 19 00-0830		**Nameplate Requirements** *(26 24 19 00-0483)*		
26 24 19 00-0831	EA	Special Cabinet Nameplate Requirements	32.83	
26 24 19 00-0832		**Auxiliary Relays** *(26 24 19 00-0483)*		
26 24 19 00-0833	EA	Industrial Control Relay, 10 Amperes, Class A600 With 2 Contacts	187.16	32.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.67*	
26 24 19 00-0834	EA	Timing Relay, Solid State, DPDT 0.1-10 Sec Variable, Off-Delay	177.28	29.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.67*	
26 24 19 00-0835	EA	General Purpose Control Relay, 240 Volt AC, 10 Amperes, With Base	103.57	29.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.67*	
26 24 19 00-0836		**Motor Control Center Accessories** *(26 24 19 00-0483)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0837		**Lighting Transformer With Circuit Breaker** *(26 24 19 00-0836)* Note: For 240 V, 480 V, or 600 V primary. Includes door, unit support pan, and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure for MCC only.		
26 24 19 00-0838	EA	1 Phase, 5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	5,438.31	419.53
26 24 19 00-0839	EA	1 Phase, 7.5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	5,654.26	436.31
26 24 19 00-0840	EA	1 Phase, 10 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	6,184.91	469.88
26 24 19 00-0841	EA	1 Phase, 15 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	7,757.26	503.44
26 24 19 00-0842	EA	1 Phase, 25 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	10,401.69	537.00
26 24 19 00-0843	EA	1 Phase, 37.5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	12,766.22	604.13
26 24 19 00-0844	EA	1 Phase, 50 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	16,749.34	671.25
26 24 19 00-0845	EA	3 Phase, 10 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	9,815.93	553.79
26 24 19 00-0846	EA	3 Phase, 15 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	10,665.01	604.13
26 24 19 00-0847	EA	3 Phase, 25 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	12,193.78	671.25
26 24 19 00-0848	EA	3 Phase, 30 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	12,941.63	738.38
26 24 19 00-0849	EA	3 Phase, 37.5 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	15,596.84	805.51
26 24 19 00-0850	EA	3 Phase, 45 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	16,101.54	872.63
26 24 19 00-0851		**Bolt-On Lighting Panel** *(26 24 19 00-0836)* Note: Includes door, T-handle, unit support pan, neutral bar (10 KA IC RMS), and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. For MCC only.		
26 24 19 00-0852	EA	18 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt	2,366.10	681.51
26 24 19 00-0853	EA	30 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt	3,706.08	1,186.24
26 24 19 00-0854	EA	42 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt	4,929.08	1,604.92
26 24 19 00-0855	EA	18 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt	2,477.84	737.44
26 24 19 00-0856	EA	30 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt	3,655.60	1,160.97
26 24 19 00-0857	EA	42 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt	5,129.69	1,705.24
26 24 19 00-0858	EA	18 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt	3,944.15	790.48
26 24 19 00-0859	EA	30 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt	5,281.20	1,269.01
26 24 19 00-0860	EA	42 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt	6,615.28	1,705.24
26 24 19 00-0861	EA	18 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt	4,068.49	852.55
26 24 19 00-0862	EA	30 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt	5,281.20	1,269.01
26 24 19 00-0863	EA	42 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt	6,725.29	1,760.24
26 24 19 00-0864		**Factory Installed Bolt-On Branch Circuit Breaker** *(26 24 19 00-0836)* Note: For MCC lighting panel only.		
26 24 19 00-0865	EA	15 To 30 Amperes,1 Pole, Bolt-On Branch Circuit Breaker	44.70	
26 24 19 00-0866	EA	15 To 30 Amperes, 1 Pole (GFI) Bolt-On Branch Circuit Breaker	284.96	
26 24 19 00-0867	EA	15 To 50 Amperes, 2 Pole, Bolt-On Branch Circuit Breaker	87.38	
26 24 19 00-0868	EA	60 To 100 Amperes, 2 Pole, Bolt-On Branch Circuit Breaker	201.17	
26 24 19 00-0869	EA	15 To 50 Amperes, 3 Pole, Bolt-On Branch Circuit Breaker	235.71	
26 24 19 00-0870	EA	60 To 100 Amperes, 3 Pole, Bolt-On Branch Circuit Breaker	357.63	
26 24 19 00-0871		**Blank Unit Door (BUD)** *(26 24 19 00-0836)* Note: With NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Factory installed.		
26 24 19 00-0872	EA	6" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	75.99	
26 24 19 00-0873	EA	12" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	91.19	
26 24 19 00-0874	EA	18" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	136.78	
26 24 19 00-0875	EA	24" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	182.37	
26 24 19 00-0876	EA	30" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	273.56	
26 24 19 00-0877	EA	48" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	319.16	
26 24 19 00-0878	EA	72" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	364.75	

26 25 Enclosed Bus Assemblies *(26 20)*

26 25 13 Low-Voltage Busways *(26 25)*

26 25 13 00-0001		**Plug-In Bus Duct** *(26 25 13)* Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.		
26 25 13 00-0002		**600 Volt, 3-Phase, 3-Wire, Copper Conductors** *(26 25 13 00-0001)*		
26 25 13 00-0003	LF	225 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	292.60	39.29
		For Up To 25, Add	*73.15*	
		For >25 To 50, Add	*43.89*	
		For >50 To 100, Add	*21.95*	
26 25 13 00-0004	LF	400 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	410.96	39.29
		For Up To 25, Add	*102.74*	
		For >25 To 50, Add	*61.64*	
		For >50 To 100, Add	*30.82*	
26 25 13 00-0005	LF	600 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	519.32	52.39
		For Up To 25, Add	*129.83*	
		For >25 To 50, Add	*77.90*	
		For >50 To 100, Add	*38.95*	
26 25 13 00-0006	LF	800 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	712.72	52.39
		For Up To 25, Add	*178.18*	
		For >25 To 50, Add	*106.91*	
		For >50 To 100, Add	*53.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 13 00-0007	LF	1,000 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	752.16	65.48
		For Up To 25, Add	*188.04*	
		For >25 To 50, Add	*112.82*	
		For >50 To 100, Add	*56.41*	
26 25 13 00-0008	LF	1,350 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	1,042.58	65.48
		For Up To 25, Add	*260.65*	
		For >25 To 50, Add	*156.39*	
		For >50 To 100, Add	*78.19*	
26 25 13 00-0009	LF	1,600 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	1,217.53	68.75
		For Up To 25, Add	*304.38*	
		For >25 To 50, Add	*182.63*	
		For >50 To 100, Add	*91.31*	
26 25 13 00-0010	LF	2,000 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	1,478.43	70.71
		For Up To 25, Add	*369.61*	
		For >25 To 50, Add	*221.76*	
		For >50 To 100, Add	*110.88*	
26 25 13 00-0011	LF	2,500 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	1,820.71	74.64
		For Up To 25, Add	*455.18*	
		For >25 To 50, Add	*273.11*	
		For >50 To 100, Add	*136.55*	
26 25 13 00-0012	LF	3,000 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	2,102.57	87.09
		For Up To 25, Add	*525.64*	
		For >25 To 50, Add	*315.39*	
		For >50 To 100, Add	*157.69*	
26 25 13 00-0013	LF	4,000 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	2,431.42	94.94
		For Up To 25, Add	*607.86*	
		For >25 To 50, Add	*364.71*	
		For >50 To 100, Add	*182.36*	

26 25 13 00-0014 277/480 Volt, 3-Phase, 4-Wire, 100% Neutral, Copper Conductors *(26 25 13 00-0001)*

26 25 13 00-0015	LF	225 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	470.75	39.29
		For Up To 25, Add	*117.69*	
		For >25 To 50, Add	*70.61*	
		For >50 To 100, Add	*35.31*	
26 25 13 00-0016	LF	400 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	676.27	39.29
		For Up To 25, Add	*169.07*	
		For >25 To 50, Add	*101.44*	
		For >50 To 100, Add	*50.72*	
26 25 13 00-0017	LF	600 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	764.64	52.39
		For Up To 25, Add	*191.16*	
		For >25 To 50, Add	*114.70*	
		For >50 To 100, Add	*57.35*	
26 25 13 00-0018	LF	800 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	969.82	52.39
		For Up To 25, Add	*242.46*	
		For >25 To 50, Add	*145.47*	
		For >50 To 100, Add	*72.74*	
26 25 13 00-0019	LF	1,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	1,181.16	65.48
		For Up To 25, Add	*295.29*	
		For >25 To 50, Add	*177.17*	
		For >50 To 100, Add	*88.59*	
26 25 13 00-0020	LF	1,350 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	1,526.31	65.48
		For Up To 25, Add	*381.58*	
		For >25 To 50, Add	*228.95*	
		For >50 To 100, Add	*114.47*	
26 25 13 00-0021	LF	1,600 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	1,970.38	67.84
		For Up To 25, Add	*492.60*	
		For >25 To 50, Add	*295.56*	
		For >50 To 100, Add	*147.78*	
26 25 13 00-0022	LF	2,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	2,369.72	70.71
		For Up To 25, Add	*592.43*	
		For >25 To 50, Add	*355.46*	
		For >50 To 100, Add	*177.73*	
26 25 13 00-0023	LF	2,500 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	2,934.92	73.99
		For Up To 25, Add	*733.73*	
		For >25 To 50, Add	*440.24*	
		For >50 To 100, Add	*220.12*	
26 25 13 00-0024	LF	3,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	3,388.23	87.09
		For Up To 25, Add	*847.06*	
		For >25 To 50, Add	*508.23*	
		For >50 To 100, Add	*254.12*	
26 25 13 00-0025	LF	4,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	3,925.76	94.94
		For Up To 25, Add	*981.44*	
		For >25 To 50, Add	*588.86*	
		For >50 To 100, Add	*294.43*	

26 25 13 00-0026 Cable Tap Boxes *(26 25 13 00-0001)*

26 25 13 00-0027 600 Volt, 3-Phase, 3-Wire, Copper Conductors *(26 25 13 00-0026)*

26 25 13 00-0028	EA	225 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,362.77	183.35
26 25 13 00-0029	EA	400 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,447.99	183.35
26 25 13 00-0030	EA	600 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,650.21	248.83
26 25 13 00-0031	EA	800 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,824.49	248.83
26 25 13 00-0032	EA	1,000 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	3,032.16	327.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 13 00-0033	EA	1,350 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	3,323.18	327.40
26 25 13 00-0034		**277/480 Volt, 3-Phase, 4-Wire, 100% Neutral, Copper Conductors** *(26 25 13 00-0026)*		
26 25 13 00-0035	EA	225 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	2,447.99	360.14
26 25 13 00-0036	EA	400 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	2,665.24	360.14
26 25 13 00-0037	EA	600 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	2,853.21	491.10
26 25 13 00-0038	EA	800 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	3,206.94	491.10
26 25 13 00-0039	EA	1,000 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	3,378.48	654.80
26 25 13 00-0040	EA	1,350 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	3,841.45	654.80
26 25 13 00-0041		**Bus Duct Plug-In Circuit Breaker** *(26 25 13 00-0001)*		
26 25 13 00-0042		**240 Volt, 3-Phase** *(26 25 13 00-0041)*		
26 25 13 00-0043	EA	60 Amperes, 240 Volt, 3 Phase, Bus Duct Plug-In Circuit Breaker	1,074.38	130.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.64*	
26 25 13 00-0044	EA	100 Amperes, 240 Volt, 3 Phase, Bus Duct Plug-In Circuit Breaker	2,117.93	130.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.97*	
26 25 13 00-0045		**600 Volt, 3-Phase** *(26 25 13 00-0041)*		
26 25 13 00-0046	EA	60 Amperes, 600 Volt, 3 Phase, Bus Duct Plug-in Circuit Breaker	2,050.18	130.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.64*	
26 25 13 00-0047	EA	100 Amperes, 600 Volt, 3 Phase, Bus Duct Plug-in Circuit Breaker	2,655.14	130.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.97*	
26 25 13 00-0048		**120/208 Volt, 3-Phase, 4-Wire** *(26 25 13 00-0041)*		
26 25 13 00-0049	EA	60 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Bus Duct Plug-in Circuit Breaker	1,236.96	157.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.85*	
26 25 13 00-0050	EA	100 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Bus Duct Plug-in Circuit Breaker	1,479.47	157.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*102.32*	
26 25 13 00-0051		**277/480 Volt, 3-Phase, 4-Wire** *(26 25 13 00-0041)*		
26 25 13 00-0052	EA	60 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	1,411.26	157.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.85*	
26 25 13 00-0053	EA	100 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	2,162.00	157.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*102.32*	
26 25 13 00-0054	EA	225 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	3,191.57	543.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*235.54*	
26 25 13 00-0055	EA	400 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	7,597.89	543.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*511.57*	
26 25 13 00-0056	EA	600 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	8,542.81	1,571.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*711.74*	
26 25 13 00-0057	EA	800 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	10,830.56	1,571.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,259.24*	
26 25 13 00-0058		**Bus Duct Plug-In Fusible Switch** *(26 25 13 00-0001)*		
26 25 13 00-0059		**240 Volt, 3-Pole, 3-Fuse** *(26 25 13 00-0058)*		
26 25 13 00-0060	EA	30 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,071.98	130.96
26 25 13 00-0061	EA	60 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,179.74	130.96
26 25 13 00-0062	EA	100 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,626.87	157.15
26 25 13 00-0063	EA	200 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	2,748.34	314.30
26 25 13 00-0064	EA	400 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	6,922.13	707.19
26 25 13 00-0065	EA	600 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	10,388.28	1,231.03
26 25 13 00-0066		**600 Volt, 3-Pole, 3-Fuse** *(26 25 13 00-0058)*		
26 25 13 00-0067	EA	30 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,111.57	144.05
26 25 13 00-0068	EA	60 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,216.74	144.05
26 25 13 00-0069	EA	100 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,638.05	144.05
26 25 13 00-0070	EA	200 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	2,811.99	301.21
26 25 13 00-0071	EA	400 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	6,887.15	680.99
26 25 13 00-0072	EA	600 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	10,636.31	1,309.61
26 25 13 00-0073	EA	800 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	17,366.50	1,702.48
26 25 13 00-0074		**120/208 Volt, 4-pole, 3 Fuse** *(26 25 13 00-0058)*		
26 25 13 00-0075	EA	30 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,239.64	170.25
26 25 13 00-0076	EA	60 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,334.53	170.25
26 25 13 00-0077	EA	100 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,803.96	170.25
26 25 13 00-0078	EA	200 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	3,057.17	353.59
26 25 13 00-0079	EA	400 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	7,603.16	785.77
26 25 13 00-0080	EA	600 AAmperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	11,074.71	1,204.83
26 25 13 00-0081		**277/480 Volt, 4-pole, 3-Fuse** *(26 25 13 00-0058)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 13 00-0082	EA	30 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,279.73	170.25
26 25 13 00-0083	EA	60 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,374.61	144.45
26 25 13 00-0084	EA	100 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,922.49	196.44
26 25 13 00-0085	EA	200 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	3,184.13	353.59
26 25 13 00-0086	EA	400 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	7,603.16	785.77
26 25 13 00-0087	EA	600 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	11,074.71	1,204.83
26 25 13 00-0088	EA	800 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	17,473.93	1,597.72

26 25 16 Low-Voltage Cablebus Systems *(26 25)*

26 25 16 00-0001 Feeder Bus Duct *(26 25 16)*

Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.

26 25 16 00-0002 600 Volt, 3 Phase, 3 Wire, Ventilated Low Impedance *(26 25 16 00-0001)*

Note: Copper conductors.

26 25 16 00-0003	LF	800 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	850.21	55.00
		For Up To 25, Add	*212.55*	
		For >25 To 50, Add	*127.53*	
		For >50 To 100, Add	*63.77*	
26 25 16 00-0004	LF	1,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	862.44	55.00
		For Up To 25, Add	*215.61*	
		For >25 To 50, Add	*129.37*	
		For >50 To 100, Add	*64.68*	
26 25 16 00-0005	LF	1,350 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	1,126.53	55.00
		For Up To 25, Add	*281.63*	
		For >25 To 50, Add	*168.98*	
		For >50 To 100, Add	*84.49*	
26 25 16 00-0006	LF	1,600 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	1,351.58	55.00
		For Up To 25, Add	*337.90*	
		For >25 To 50, Add	*202.74*	
		For >50 To 100, Add	*101.37*	
26 25 16 00-0007	LF	2,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	1,651.10	55.00
		For Up To 25, Add	*412.78*	
		For >25 To 50, Add	*247.67*	
		For >50 To 100, Add	*123.83*	
26 25 16 00-0008	LF	3,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	2,253.59	130.96
		For Up To 25, Add	*563.40*	
		For >25 To 50, Add	*338.04*	
		For >50 To 100, Add	*169.02*	
26 25 16 00-0009	LF	4,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	3,112.22	130.96
		For Up To 25, Add	*778.06*	
		For >25 To 50, Add	*466.83*	
		For >50 To 100, Add	*233.42*	
26 25 16 00-0010	LF	5,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	3,682.22	130.96
		For Up To 25, Add	*920.56*	
		For >25 To 50, Add	*552.33*	
		For >50 To 100, Add	*276.17*	
26 25 16 00-0011	LF	6,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	4,533.54	130.96
		For Up To 25, Add	*1,133.39*	
		For >25 To 50, Add	*680.03*	
		For >50 To 100, Add	*340.02*	

26 25 16 00-0012 277/480 Volt, 3 Phase, 4 Wire, Half Neutral, Ventilated *(26 25 16 00-0001)*

Note: Low impedance, copper conductors.

26 25 16 00-0013	LF	800 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	973.46	58.93
		For Up To 25, Add	*243.37*	
		For >25 To 50, Add	*146.02*	
		For >50 To 100, Add	*73.01*	
26 25 16 00-0014	LF	1,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	989.69	58.93
		For Up To 25, Add	*247.42*	
		For >25 To 50, Add	*148.45*	
		For >50 To 100, Add	*74.23*	
26 25 16 00-0015	LF	1,350 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	1,271.67	58.93
		For Up To 25, Add	*317.92*	
		For >25 To 50, Add	*190.75*	
		For >50 To 100, Add	*95.38*	
26 25 16 00-0016	LF	1,600 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	1,507.36	58.93
		For Up To 25, Add	*376.84*	
		For >25 To 50, Add	*226.10*	
		For >50 To 100, Add	*113.05*	
26 25 16 00-0017	LF	2,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	1,820.22	58.93
		For Up To 25, Add	*455.06*	
		For >25 To 50, Add	*273.03*	
		For >50 To 100, Add	*136.52*	
26 25 16 00-0018	LF	3,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	2,794.68	100.84
		For Up To 25, Add	*698.67*	
		For >25 To 50, Add	*419.20*	
		For >50 To 100, Add	*209.60*	
26 25 16 00-0019	LF	4,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	3,504.77	100.84
		For Up To 25, Add	*876.19*	
		For >25 To 50, Add	*525.72*	
		For >50 To 100, Add	*262.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 16 00-0020	LF	5,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	4,147.35	187.27
		For Up To 25, Add	*1,036.84*	
		For >25 To 50, Add	*622.10*	
		For >50 To 100, Add	*311.05*	
26 25 16 00-0021	LF	6,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	5,112.18	187.27
		For Up To 25, Add	*1,278.05*	
		For >25 To 50, Add	*766.83*	
		For >50 To 100, Add	*383.41*	

26 27 Low-Voltage Distribution Equipment *(26 20)*

26 27 13 Electricity Metering *(26 27)*

26 27 13 00-0001 Revenue Metering *(26 27 13)*

26 27 13 00-0002 Meter Socket Base *(26 27 13 00-0001)*

Note: NEMA 3R. See CSI section 26 27 13 00-0013 for meter.

26 27 13 00-0003	EA	100 Amperes, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass	320.05	85.12
26 27 13 00-0004	EA	100 Amperes, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass	340.54	85.12
26 27 13 00-0005	EA	150 Amperes, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass	377.47	94.94
26 27 13 00-0006	EA	150 Amperes, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass	390.63	94.94
26 27 13 00-0007	EA	200 Amperes, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass	434.90	104.76
26 27 13 00-0008	EA	200 Amperes, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass	440.73	104.76
26 27 13 00-0009	EA	200 Amperes, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release	1,138.79	166.32
26 27 13 00-0010	EA	320 Amperes, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release	1,466.17	185.96
26 27 13 00-0011	EA	400 Amperes, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release	3,272.73	205.61
26 27 13 00-0012	EA	Combination Motor And Current Transformer Cabinet, 15 To 30 Amperes, 13 Terminal, Underground, With Test Switch And Transformer, Socket Base	3,245.17	654.80

26 27 13 00-0013 Meter Device *(26 27 13 00-0001)*

Note: Direct read, with 15 minute demand. See CSI section 26 27 13 00-0002 for socket base.

26 27 13 00-0014	EA	100 Amperes, 120 Volt, Or 240 Volt, 1 Phase, KWH Meter	329.48	26.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.11*	
26 27 13 00-0015	EA	150 Amperes, 120 Volt, Or 240 Volt, 1 Phase, KWH Meter	390.81	27.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.31*	
26 27 13 00-0016	EA	200 Amperes, 120 Volt, Or 240 Volt, 1 Phase, KWH Meter	479.71	27.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.50*	
26 27 13 00-0017	EA	200 Amperes, 120 Volt, Or 240 Volt, 3 Phase, KWH Meter	942.61	27.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.72*	
26 27 13 00-0018	EA	320 Amperes, 120 Volt, Or 240 Volt, 3 Phase, KWH Meter	1,322.81	29.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.71*	
26 27 13 00-0019	EA	400 Amperes, 120 Volt, Or 240 Volt, 3 Phase, KWH Meter	2,149.73	32.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.67*	

26 27 13 00-0020 Current Transformer Enclosure *(26 27 13 00-0001)*

26 27 13 00-0021	EA	18" x 24" x 9", NEMA 3R, Screwed Cover, Current Transformer Enclosure	655.14	170.25

26 27 13 00-0022 120/240 Volt Meter Center And Main Breaker, Indoor Housing *(26 27 13 00-0001)*

26 27 13 00-0023 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max., 2 Pole *(26 27 13 00-0022)*

26 27 13 00-0024	EA	3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	1,290.71	81.85
26 27 13 00-0025	EA	4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	1,701.32	98.22
26 27 13 00-0026	EA	5 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	2,109.74	114.59
26 27 13 00-0027	EA	6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	2,445.23	130.96
26 27 13 00-0028	EA	7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	3,189.53	147.33
26 27 13 00-0029	EA	8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	3,443.25	163.70
26 27 13 00-0030	EA	10 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	4,017.00	196.44

26 27 13 00-0031 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max., 2 Pole *(26 27 13 00-0022)*

26 27 13 00-0032	EA	3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	2,395.62	81.85
26 27 13 00-0033	EA	4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	3,157.61	98.22
26 27 13 00-0034	EA	6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	4,350.12	130.96
26 27 13 00-0035	EA	7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	4,824.80	147.33
26 27 13 00-0036	EA	8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	6,072.94	163.70

26 27 13 00-0037 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0022)*

26 27 13 00-0038	EA	3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,979.36	114.59
26 27 13 00-0039	EA	4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,604.33	130.96
26 27 13 00-0040	EA	5 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,189.53	147.33
26 27 13 00-0041	EA	6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,752.63	163.70
26 27 13 00-0042	EA	7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,735.59	180.07
26 27 13 00-0043	EA	8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,967.23	196.44
26 27 13 00-0044	EA	10 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	6,159.70	229.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 13 00-0045		1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0022)*		
26 27 13 00-0046	EA	3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,079.85	114.59
26 27 13 00-0047	EA	4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,040.72	130.96
26 27 13 00-0048	EA	6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,697.27	163.70
26 27 13 00-0049	EA	7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	6,105.68	180.07
26 27 13 00-0050	EA	8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	7,817.86	196.44
26 27 13 00-0051		120/208 Volt Meter Center And Main Breaker, Indoor Housing *(26 27 13 00-0001)*		
26 27 13 00-0052		800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max., 2 Pole *(26 27 13 00-0051)*		
26 27 13 00-0053	EA	3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	1,402.99	98.22
26 27 13 00-0054	EA	4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	1,837.93	114.59
26 27 13 00-0055	EA	5 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	2,270.65	130.96
26 27 13 00-0056	EA	6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	2,637.07	147.33
26 27 13 00-0057	EA	7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	3,244.37	163.70
26 27 13 00-0058	EA	8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	3,498.09	180.07
26 27 13 00-0059	EA	10 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	4,314.93	212.82
26 27 13 00-0060		1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0051)*		
26 27 13 00-0061	EA	3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,516.77	98.22
26 27 13 00-0062	EA	4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,322.94	114.59
26 27 13 00-0063	EA	6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	4,802.70	147.33
26 27 13 00-0064	EA	7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	5,277.41	163.70
26 27 13 00-0065	EA	8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	6,393.00	180.07
26 27 13 00-0066		800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0051)*		
26 27 13 00-0067	EA	3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,091.68	130.96
26 27 13 00-0068	EA	4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,725.50	147.33
26 27 13 00-0069	EA	5 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,376.99	163.70
26 27 13 00-0070	EA	6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,940.10	180.07
26 27 13 00-0071	EA	7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,967.28	196.44
26 27 13 00-0072	EA	8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,198.86	212.82
26 27 13 00-0073	EA	10 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	6,479.77	245.55
26 27 13 00-0074		1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0051)*		
26 27 13 00-0075	EA	3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,223.11	130.96
26 27 13 00-0076	EA	4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,250.28	147.33
26 27 13 00-0077	EA	6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	6,105.72	180.07
26 27 13 00-0078	EA	7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	6,381.51	196.44
26 27 13 00-0079	EA	8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	8,115.83	212.82
26 27 13 00-0080		120/240 Volt Meter Center And Main Breaker, NEMA 3R Housing *(26 27 13 00-0001)*		
26 27 13 00-0081		800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0080)*		
26 27 13 00-0082	EA	3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,290.71	81.85
26 27 13 00-0083	EA	4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,701.32	98.22
26 27 13 00-0084	EA	6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,445.23	130.96
26 27 13 00-0085	EA	7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,189.53	147.33
26 27 13 00-0086	EA	8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,951.51	163.70
26 27 13 00-0087		1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0080)*		
26 27 13 00-0088	EA	3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,395.62	81.85
26 27 13 00-0089	EA	4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,157.59	98.22
26 27 13 00-0090	EA	6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	4,571.08	130.96
26 27 13 00-0091	EA	7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	5,045.78	147.33
26 27 13 00-0092	EA	8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	6,072.94	163.70
26 27 13 00-0093		800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0080)*		
26 27 13 00-0094	EA	3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,979.36	114.59
26 27 13 00-0095	EA	4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,604.33	130.96
26 27 13 00-0096	EA	6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,752.63	163.70
26 27 13 00-0097	EA	7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,735.59	180.07
26 27 13 00-0098	EA	8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,967.23	196.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 13 00-0099		1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0080)*		
26 27 13 00-0100	EA	3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,079.86	114.59
26 27 13 00-0101	EA	4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,040.72	130.96
26 27 13 00-0102	EA	6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,697.27	163.70
26 27 13 00-0103	EA	7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	6,105.68	180.07
26 27 13 00-0104	EA	8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	7,817.90	196.44
26 27 13 00-0105		120/208 Volt Meter Center And Main Breaker, NEMA 3R Housing *(26 27 13 00-0001)*		
26 27 13 00-0106		800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0105)*		
26 27 13 00-0107	EA	3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,402.99	98.22
26 27 13 00-0108	EA	4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,837.93	114.59
26 27 13 00-0109	EA	6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,637.07	147.33
26 27 13 00-0110	EA	7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,465.35	163.70
26 27 13 00-0111	EA	8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,940.06	180.07
26 27 13 00-0112		1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0105)*		
26 27 13 00-0113	EA	3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,516.75	98.22
26 27 13 00-0114	EA	4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,322.93	114.59
26 27 13 00-0115	EA	6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	4,581.72	147.33
26 27 13 00-0116	EA	7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	5,056.42	163.70
26 27 13 00-0117	EA	8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	6,392.96	180.07
26 27 13 00-0118		800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0105)*		
26 27 13 00-0119	EA	3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,091.65	130.96
26 27 13 00-0120	EA	4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,725.47	147.33
26 27 13 00-0121	EA	6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,940.06	180.07
26 27 13 00-0122	EA	7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,967.23	196.44
26 27 13 00-0123	EA	8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,198.86	212.82
26 27 13 00-0124		1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0105)*		
26 27 13 00-0125	EA	3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,223.08	130.96
26 27 13 00-0126	EA	4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,250.25	147.33
26 27 13 00-0127	EA	6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	6,105.68	180.07
26 27 13 00-0128	EA	7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	6,381.51	196.44
26 27 13 00-0129	EA	8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	8,115.83	212.82
26 27 13 00-0130		Watt/Hour Meters *(26 27 13)*		
26 27 13 00-0131	EA	Single Phase M-90 Meter, Socket, NEMA 3R Enclosure	1,471.96	78.58
26 27 13 00-0132	EA	Three Phase M-90 Meter/Main Breaker Combination With Socket, NEMA 3R Enclosure	4,181.22	157.15
26 27 13 00-0133	EA	Three Phase M-90 Meter In Line Secondary With Socket, NEMA 3R Enclosure	2,203.05	117.86
26 27 13 00-0134	EA	Three Phase M-90 Meter, Primary Side Transformer Mount With Socket Totally Enclosed, NEMA 3R Enclosure	2,707.73	117.86
26 27 13 00-0135	EA	Three Phase M-90 Meter, Primary Side Pole Mount With Socket, NEMA 3R Enclosure	2,277.18	117.86
26 27 13 00-0136	EA	C.T. For M-90 Meter On Primary Side, NEMA 3R Enclosure	1,549.30	108.69
26 27 13 00-0137	EA	P.T. For M-90 Meter On Primary Side, NEMA 3R Enclosure	2,645.43	196.44
26 27 13 00-0138		Watt/Hour Meter Systems *(26 27 13)* Note: Includes NEMA 3R enclosure with C.T. and NEMA 3R C.T. enclosure. systems with main breakers include an additional NEMA 3R enclosure.		
26 27 13 00-0139		Watt/Hour Meter System Without Main Breaker *(26 27 13 00-0138)*		
26 27 13 00-0140	EA	400 Amperes System; 200 Amperes M-90 Meter And Enclosure	6,694.85	785.90
26 27 13 00-0141	EA	600 To 800 Amperes System; 200 Amperes M-90 Meter And Enclosure	7,885.90	785.90
26 27 13 00-0142		Watt/Hour Meter System With Main Breaker *(26 27 13 00-0138)*		
26 27 13 00-0143	EA	400 Amperes System; 400 Amperes Main Breaker, 200 Amperes M-90 Meter And Enclosure	11,924.15	785.90
26 27 13 00-0144	EA	600 Amperes System; 600 Amperes Main Breaker, 200 Amperes M-90 Meter And Enclosure	14,521.30	785.90
26 27 13 00-0145	EA	800 Amperes System; 800 Amperes Main Breaker, 200 Amperes M-90 Meter And Enclosure	15,622.73	785.90
26 27 16		**Electrical Cabinets and Enclosures** *(26 27)* Note: Can be used as enclosure or pull/junction boxes.		
26 27 16 00-0001		NEMA 1 Enclosures, Lockable *(26 27 16)*		
26 27 16 00-0002		Hinged Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0003		**4" Depth, Hinged Cover, Galvanized Steel NEMA 1 Enclosures** *(26 27 16 00-0002)*		
26 27 16 00-0004	EA	6" x 4" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	82.29	26.19
26 27 16 00-0005	EA	6" x 6" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	92.24	28.81
26 27 16 00-0006	EA	8" x 6" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	102.28	31.43
26 27 16 00-0007	EA	8" x 8" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	119.40	36.67
26 27 16 00-0008	EA	10" x 8" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	130.00	39.29
26 27 16 00-0009	EA	10" x 10" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	141.34	41.91
26 27 16 00-0010	EA	12" x 8" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	140.96	41.91
26 27 16 00-0011	EA	12" x 10" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	152.59	44.53
26 27 16 00-0012	EA	12" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	164.78	47.15
26 27 16 00-0013	EA	16" x 12" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	213.85	62.86
26 27 16 00-0014	EA	16" x 16" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	259.38	75.96
26 27 16 00-0015	EA	18" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	246.52	73.34
26 27 16 00-0016		**6" Depth, Hinged Cover, Galvanized Steel NEMA 1 Enclosures** *(26 27 16 00-0002)*		
26 27 16 00-0017	EA	6" x 6" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	103.03	31.43
26 27 16 00-0018	EA	8" x 8" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	124.95	36.67
26 27 16 00-0019	EA	10" x 8" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	149.24	44.53
26 27 16 00-0020	EA	10" x 10" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	161.14	47.15
26 27 16 00-0021	EA	12" x 10" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	173.29	49.76
26 27 16 00-0022	EA	12" x 12" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	185.98	52.39
26 27 16 00-0023	EA	16" x 12" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	236.31	68.10
26 27 16 00-0024	EA	16" x 16" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	286.61	83.81
26 27 16 00-0025	EA	18" x 12" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	276.43	81.20
26 27 16 00-0026	EA	18" x 18" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	359.91	104.76
26 27 16 00-0027	EA	24" x 18" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	460.72	120.49
26 27 16 00-0028	EA	24" x 24" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	525.87	130.96
26 27 16 00-0029	EA	30" x 24" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	584.82	138.81
26 27 16 00-0030	EA	36" x 24" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	637.21	144.05
26 27 16 00-0031	EA	24-1/2" x 12-1/2" x 6-1/2", Hinged Cover, Galvanized Steel NEMA 1 Enclosure (Control Products MH3803L)	446.47	104.76
26 27 16 00-0032		**Screw Cover, Galvanized Steel NEMA 1 Enclosures** *(26 27 16 00-0001)*		
26 27 16 00-0033		**3" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures** *(26 27 16 00-0032)*		
26 27 16 00-0034	EA	4" x 4" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure	57.97	18.34
26 27 16 00-0035	EA	6" x 6" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure	82.86	26.19
26 27 16 00-0036	EA	8" x 6" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure	92.50	28.81
26 27 16 00-0037		**4" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures** *(26 27 16 00-0032)*		
26 27 16 00-0038	EA	4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	64.75	20.95
26 27 16 00-0039	EA	6" x 4" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	80.23	26.19
26 27 16 00-0040	EA	6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	89.69	28.81
26 27 16 00-0041	EA	8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	99.33	31.43
26 27 16 00-0042	EA	8" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	115.89	36.67
26 27 16 00-0043	EA	10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	126.00	39.29
26 27 16 00-0044	EA	10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	136.64	41.91
26 27 16 00-0045	EA	12" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	136.23	41.91
26 27 16 00-0046	EA	12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	147.36	44.53
26 27 16 00-0047	EA	12" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	158.82	47.15
26 27 16 00-0048	EA	16" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	207.56	62.86
26 27 16 00-0049	EA	16" x 16" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	257.08	78.58
26 27 16 00-0050	EA	18" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	238.48	73.34
26 27 16 00-0051	EA	18" x 18" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	309.02	94.29
26 27 16 00-0052	EA	24" x 24" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	449.18	117.86
26 27 16 00-0053		**6" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures** *(26 27 16 00-0032)*		
26 27 16 00-0054	EA	6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	99.91	31.43
26 27 16 00-0055	EA	8" x 6" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	110.31	34.05
26 27 16 00-0056	EA	8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	127.14	39.29
26 27 16 00-0057	EA	10" x 8" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	144.36	44.53
26 27 16 00-0058	EA	10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	155.65	47.15
26 27 16 00-0059	EA	12" x 10" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	167.07	49.76
26 27 16 00-0060	EA	12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	178.97	52.39
26 27 16 00-0061	EA	16" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	228.98	68.10
26 27 16 00-0062	EA	16" x 16" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	281.32	83.81
26 27 16 00-0063	EA	18" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	267.11	81.20
26 27 16 00-0064	EA	18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	347.44	104.76
26 27 16 00-0065	EA	24" x 18" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	435.65	120.49
26 27 16 00-0066	EA	24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	500.47	130.96
26 27 16 00-0067	EA	30" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	540.78	138.81
26 27 16 00-0068	EA	36" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	592.80	144.05
26 27 16 00-0069		**8" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures** *(26 27 16 00-0032)*		
26 27 16 00-0070	EA	8" x 8" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	144.36	44.53
26 27 16 00-0071	EA	12" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	197.45	57.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0072	EA	16" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	251.01	73.34
26 27 16 00-0073	EA	16" x 16" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	311.44	91.67
26 27 16 00-0074	EA	18" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	297.42	89.05
26 27 16 00-0075	EA	18" x 18" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	368.48	110.01
26 27 16 00-0076	EA	24" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	410.43	125.72
26 27 16 00-0077	EA	24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	478.10	133.58
26 27 16 00-0078	EA	24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	551.93	144.05
26 27 16 00-0079	EA	30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	587.50	151.91
26 27 16 00-0080	EA	30" x 30" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	617.63	157.15
26 27 16 00-0081	EA	36" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	634.67	157.15
26 27 16 00-0082		**10" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures** *(26 27 16 00-0032)*		
26 27 16 00-0083	EA	18" x 12" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	337.80	99.53
26 27 16 00-0084	EA	18" x 18" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	445.01	128.34
26 27 16 00-0085	EA	24" x 12" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	449.40	136.20
26 27 16 00-0086	EA	24" x 18" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	587.99	146.68
26 27 16 00-0087	EA	24" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	677.75	162.39
26 27 16 00-0088	EA	30" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	754.24	167.63
26 27 16 00-0089	EA	36" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	805.13	175.49
26 27 16 00-0090		**12" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures** *(26 27 16 00-0032)*		
26 27 16 00-0091	EA	18" x 18" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure	491.33	141.44
26 27 16 00-0092	EA	24" x 12" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure	487.96	149.30
26 27 16 00-0093	EA	24" x 18" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure	646.30	162.39
26 27 16 00-0094	EA	24" x 24" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure	739.66	178.10
26 27 16 00-0095	EA	30" x 24" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure	832.29	185.96
26 27 16 00-0096	EA	36" x 24" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure	878.23	193.82
26 27 16 00-0097		**NEMA 1 Enclosures For Up To 6 Boards, Lockable** *(26 27 16)*		
26 27 16 00-0098		**4.5" Depth, Hinged Cover, Powder Coated Steel, NEMA 1 Enclosures** *(26 27 16 00-0097)*		
26 27 16 00-0099	EA	24" High x 18" Wide x 4.5" Deep, 18 Gauge, Powder Coated Steel, NEMA 1 Enclosure (RS2 Technologies NCL-12)	1,293.59	115.25
26 27 16 00-0100		**NEMA 12 Enclosures, Lockable** *(26 27 16)*		
		Note: Dust-tight enclosures.		
26 27 16 00-0101		**Hinged Cover, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0100)*		
26 27 16 00-0102		**4" Depth, Hinged Cover, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0101)*		
26 27 16 00-0103	EA	4" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	115.95	20.95
26 27 16 00-0104	EA	6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	151.09	28.81
26 27 16 00-0105	EA	8" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	186.99	36.67
26 27 16 00-0106	EA	10" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	202.42	39.29
26 27 16 00-0107	EA	12" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	227.08	41.91
26 27 16 00-0108	EA	12" x 10" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	244.58	44.53
26 27 16 00-0109		**6" Depth, Hinged Cover, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0101)*		
26 27 16 00-0110	EA	6" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	167.71	31.43
26 27 16 00-0111	EA	8" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	184.73	34.05
26 27 16 00-0112		**Screw Cover, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0100)*		
26 27 16 00-0113		**4" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0112)*		
26 27 16 00-0114	EA	4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	239.70	20.95
26 27 16 00-0115	EA	6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	287.27	28.81
26 27 16 00-0116	EA	8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	324.94	31.43
26 27 16 00-0117	EA	8" x 8" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	371.71	36.67
26 27 16 00-0118	EA	10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	382.21	39.29
26 27 16 00-0119	EA	10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	451.70	41.91
26 27 16 00-0120	EA	12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	485.04	44.53
26 27 16 00-0121	EA	12" x 12" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	552.17	47.15
26 27 16 00-0122		**6" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0112)*		
26 27 16 00-0123	EA	6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	350.01	31.43
26 27 16 00-0124	EA	8" x 6" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	395.77	34.05
26 27 16 00-0125	EA	8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	431.25	39.29
26 27 16 00-0126	EA	10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	510.01	47.15
26 27 16 00-0127	EA	12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	553.79	52.39
26 27 16 00-0128	EA	16" x 14" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	769.35	68.10
26 27 16 00-0129	EA	18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,192.27	104.76
26 27 16 00-0130	EA	24" x 16" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,562.87	120.49
26 27 16 00-0131	EA	24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,762.40	130.96

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0132		8" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0112)*		
26 27 16 00-0133	EA	24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,629.09	133.58
26 27 16 00-0134	EA	24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,878.11	144.05
26 27 16 00-0135	EA	30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	2,064.92	151.91
26 27 16 00-0136	EA	30" x 30" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	2,277.37	157.15
26 27 16 00-0137	EA	36" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	2,245.86	157.15
26 27 16 00-0138		NEMA 3 Enclosures, Lockable *(26 27 16)*		
		Note: Can be used underground or encased in concrete.		
26 27 16 00-0139		2" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0138)*		
26 27 16 00-0140	EA	4" x 4" x 2" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	373.80	91.67
26 27 16 00-0141		3" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0138)*		
26 27 16 00-0142	EA	4" x 4" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	403.93	91.67
26 27 16 00-0143	EA	5" x 5" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	524.56	94.94
26 27 16 00-0144	EA	6" x 4" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	545.07	94.94
26 27 16 00-0145	EA	6" x 6" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	692.78	98.22
26 27 16 00-0146		4" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0138)*		
26 27 16 00-0147	EA	4" x 4" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	519.02	94.94
26 27 16 00-0148	EA	5" x 5" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	572.64	94.94
26 27 16 00-0149	EA	6" x 4" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	597.22	98.22
26 27 16 00-0150	EA	6" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	761.93	98.22
26 27 16 00-0151	EA	8" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	838.79	104.76
26 27 16 00-0152	EA	8" x 8" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	903.45	111.32
26 27 16 00-0153	EA	10" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	942.63	111.32
26 27 16 00-0154	EA	10" x 8" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,127.74	114.59
26 27 16 00-0155	EA	12" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,225.92	117.86
26 27 16 00-0156	EA	12" x 12" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,690.08	130.96
26 27 16 00-0157		6" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0138)*		
26 27 16 00-0158	EA	6" x 6" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	805.57	101.50
26 27 16 00-0159	EA	8" x 6" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,020.31	114.59
26 27 16 00-0160	EA	8" x 8" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,201.83	117.86
26 27 16 00-0161	EA	10" x 8" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,390.74	121.14
26 27 16 00-0162	EA	10" x 10" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,483.14	121.14
26 27 16 00-0163	EA	12" x 8" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,689.58	130.96
26 27 16 00-0164	EA	12" x 12" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,955.99	147.33
26 27 16 00-0165	EA	16" x 6" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,842.35	140.78
26 27 16 00-0166	EA	18" x 12" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	3,586.53	261.92
26 27 16 00-0167	EA	18" x 18" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	6,263.16	327.40
26 27 16 00-0168		8" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0138)*		
26 27 16 00-0169	EA	8" x 8" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,496.29	124.41
26 27 16 00-0170	EA	12" x 8" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	2,259.30	163.70
26 27 16 00-0171	EA	12" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	2,297.04	163.70
26 27 16 00-0172	EA	16" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	3,102.64	245.55
26 27 16 00-0173	EA	18" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	4,110.71	261.92
26 27 16 00-0174	EA	24" x 24" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	10,512.59	458.36
26 27 16 00-0175		10" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0138)*		
26 27 16 00-0176	EA	18" x 12" x 10" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	5,489.76	327.40
26 27 16 00-0177		12" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0138)*		
26 27 16 00-0178	EA	18" x 18" x 12" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	8,486.84	392.88
26 27 16 00-0179	EA	24" x 12" x 12" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	6,964.92	360.14
26 27 16 00-0180		NEMA 3R Enclosures, Lockable *(26 27 16)*		
		Note: Rain-tight enclosures.		
26 27 16 00-0181		Hinged Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0180)*		
26 27 16 00-0182		4" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0181)*		
26 27 16 00-0183	EA	6" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	111.56	26.19
26 27 16 00-0184	EA	6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	123.19	28.81
26 27 16 00-0185	EA	8" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	183.82	31.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0186		**6" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0181)*		
26 27 16 00-0187	EA	12" x 10" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	303.66	49.76
26 27 16 00-0188	EA	12" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	328.47	52.39
26 27 16 00-0189	EA	16" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	427.67	68.10
26 27 16 00-0190	EA	16" x 16" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	511.10	83.81
26 27 16 00-0191	EA	18" x 18" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	582.59	104.76
26 27 16 00-0192		**8" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0181)*		
26 27 16 00-0193	EA	24" x 20" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	888.23	133.58
26 27 16 00-0194	EA	24" x 24" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	985.63	144.05
26 27 16 00-0195	EA	30" x 24" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,110.90	151.91
26 27 16 00-0196	EA	30" x 30" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,168.78	157.15
26 27 16 00-0197		**10" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0181)*		
26 27 16 00-0198	EA	12" x 48" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,101.81	162.39
26 27 16 00-0199	EA	12" x 54" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,244.64	183.35
26 27 16 00-0200	EA	12" x 60" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,377.91	202.99
26 27 16 00-0201	EA	12" x 66" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,518.13	223.94
26 27 16 00-0202	EA	12" x 72" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,652.71	243.59
26 27 16 00-0203	EA	18" x 18" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	714.28	128.34
26 27 16 00-0204	EA	24" x 24" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,101.81	162.39
26 27 16 00-0205	EA	30" x 24" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,307.88	167.63
26 27 16 00-0206	EA	36" x 36" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,659.48	183.35
26 27 16 00-0207		**12" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0181)*		
26 27 16 00-0208	EA	12" x 48" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,072.48	129.66
26 27 16 00-0209	EA	12" x 54" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,202.51	145.37
26 27 16 00-0210	EA	12" x 60" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,331.23	161.08
26 27 16 00-0211	EA	12" x 66" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,472.45	178.10
26 27 16 00-0212	EA	12" x 72" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,602.47	193.82
26 27 16 00-0213	EA	18" x 24" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	801.24	96.91
26 27 16 00-0214	EA	18" x 32" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,072.48	129.66
26 27 16 00-0215	EA	18" x 36" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,202.51	145.37
26 27 16 00-0216	EA	18" x 42" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,415.81	170.25
26 27 16 00-0217	EA	18" x 48" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,602.47	193.82
26 27 16 00-0218	EA	30" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,522.12	191.20
26 27 16 00-0219	EA	36" x 24" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,602.47	193.82
26 27 16 00-0220	EA	36" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,688.69	199.06
26 27 16 00-0221	EA	36" x 36" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,882.69	209.54
26 27 16 00-0222	EA	42" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	2,042.91	220.01
26 27 16 00-0223		**Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0180)*		
26 27 16 00-0224		**4" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0223)*		
26 27 16 00-0225	EA	4" x 4" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	81.50	20.95
26 27 16 00-0226	EA	6" x 4" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	98.25	26.19
26 27 16 00-0227	EA	6" x 6" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	108.51	28.81
26 27 16 00-0228	EA	8" x 6" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	120.48	31.43
26 27 16 00-0229	EA	8" x 8" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	139.85	36.67
26 27 16 00-0230	EA	10" x 8" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	152.64	39.29
26 27 16 00-0231	EA	10" x 10" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	166.61	41.91
26 27 16 00-0232	EA	12" x 8" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	165.81	41.91
26 27 16 00-0233	EA	12" x 10" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	181.64	44.53
26 27 16 00-0234	EA	12" x 12" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	195.61	47.15
26 27 16 00-0235	EA	18" x 12" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	294.89	73.34
26 27 16 00-0236	EA	18" x 18" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	394.45	94.29
26 27 16 00-0237		**6" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0223)*		
26 27 16 00-0238	EA	6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	112.53	31.43
26 27 16 00-0239	EA	8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	154.79	39.29
26 27 16 00-0240	EA	10" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	175.34	44.53
26 27 16 00-0241	EA	10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	190.41	47.15
26 27 16 00-0242	EA	12" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	189.23	47.15
26 27 16 00-0243	EA	12" x 10" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	205.27	49.76
26 27 16 00-0244	EA	12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	221.45	52.39
26 27 16 00-0245	EA	16" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	289.11	68.10
26 27 16 00-0246	EA	18" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	331.89	81.20
26 27 16 00-0247	EA	18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	444.06	104.76
26 27 16 00-0248	EA	24" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	462.47	112.63
26 27 16 00-0249	EA	24" x 18" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	531.38	120.49
26 27 16 00-0250	EA	24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	600.16	130.96
26 27 16 00-0251		**8" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0223)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0252	EA	12" x 12" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	248.21	57.62
26 27 16 00-0253	EA	18" x 12" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	357.59	89.05
26 27 16 00-0254	EA	18" x 18" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	491.54	115.25
26 27 16 00-0255	EA	24" x 18" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	587.89	133.58
26 27 16 00-0256	EA	24" x 24" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	667.57	144.05
26 27 16 00-0257	EA	30" x 24" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	744.42	151.91
26 27 16 00-0258		**10" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0223)*		
26 27 16 00-0259	EA	18" x 18" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure	541.87	128.34
26 27 16 00-0260	EA	24" x 24" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure	732.72	162.39
26 27 16 00-0261	EA	30" x 24" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure	807.48	167.63
26 27 16 00-0262		**12" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0223)*		
26 27 16 00-0263	EA	24" x 24" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	809.89	178.10
26 27 16 00-0264	EA	30" x 30" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	1,146.57	193.82
26 27 16 00-0265	EA	36" x 30" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	1,185.42	199.06
26 27 16 00-0266	EA	36" x 36" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	1,394.35	209.54
26 27 16 00-0267		**NEMA 4 Enclosures, Lockable** *(26 27 16)*		
		Note: Water-tight enclosures.		
26 27 16 00-0268		**Hinge Cover, Painted Steel NEMA 4 Enclosures** *(26 27 16 00-0267)*		
26 27 16 00-0269	EA	12" x 10" x 5" Hinge Cover, Painted Steel NEMA 4 Enclosure	297.71	47.15
26 27 16 00-0270	EA	10" x 8" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	274.79	44.53
26 27 16 00-0271	EA	12" x 12" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	320.24	52.39
26 27 16 00-0272	EA	14" x 12" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	377.16	60.24
26 27 16 00-0273	EA	16" x 14" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	456.46	75.96
26 27 16 00-0274		**NEMA 4X Enclosures, Lockable** *(26 27 16)*		
		Note: Water-tight enclosures.		
26 27 16 00-0275		**Clamp Cover, 304 Stainless Steel NEMA 4X Enclosures** *(26 27 16 00-0274)*		
26 27 16 00-0276	EA	10" x 8" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	703.45	39.29
		For 316 Stainless Steel, Add	*96.84*	
26 27 16 00-0277	EA	12" x 10" x 6", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	990.20	49.76
		For 316 Stainless Steel, Add	*138.53*	
26 27 16 00-0278	EA	14" x 12" x 6", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	1,234.69	60.24
		For 316 Stainless Steel, Add	*173.45*	
26 27 16 00-0279	EA	16" x 14" x 6", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	1,488.01	75.96
		For 316 Stainless Steel, Add	*207.70*	
26 27 16 00-0280		**Screw Cover, Polycarbonate NEMA 4X Enclosures** *(26 27 16 00-0274)*		
		Note: NEMA 3R, 4, 4X and 12 rated.		
26 27 16 00-0281	EA	6" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	159.34	28.81
26 27 16 00-0282	EA	8" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	179.68	31.43
26 27 16 00-0283	EA	8" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	205.42	36.67
26 27 16 00-0284	EA	10" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	223.46	39.29
26 27 16 00-0285	EA	12" x 10" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	258.37	44.53
26 27 16 00-0286	EA	10" x 8" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	242.29	44.53
26 27 16 00-0287	EA	12" x 10" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	282.89	49.76
26 27 16 00-0288	EA	14" x 12" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	355.11	60.24
26 27 16 00-0289	EA	16" x 14" x 8" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	452.12	82.51
26 27 16 00-0290	EA	18" x 16" x 10" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	578.76	118.78
26 27 16 00-0291	EA	6" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	171.99	28.81
26 27 16 00-0292	EA	8" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	194.63	31.43
26 27 16 00-0293	EA	8" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	221.50	36.67
26 27 16 00-0294	EA	10" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	242.98	39.29
26 27 16 00-0295	EA	12" x 10" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	279.05	44.53
26 27 16 00-0296	EA	10" x 8" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	261.83	44.53
26 27 16 00-0297	EA	12" x 10" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	309.39	49.76
26 27 16 00-0298	EA	14" x 12" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	368.89	60.24
26 27 16 00-0299	EA	16" x 14" x 8" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	480.85	82.51
26 27 16 00-0300	EA	18" x 16" x 10" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	609.77	118.78
26 27 16 00-0301		**Hinged Cover, Polycarbonate NEMA 4X Enclosures** *(26 27 16 00-0274)*		
		Note: NEMA 3R, 4, 4X and 12 rated.		
26 27 16 00-0302	EA	6" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	194.97	28.81
26 27 16 00-0303	EA	8" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	208.41	31.43
26 27 16 00-0304	EA	8" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	236.43	36.67
26 27 16 00-0305	EA	10" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	255.62	39.29
26 27 16 00-0306	EA	12" x 10" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	303.19	44.53
26 27 16 00-0307	EA	10" x 8" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	277.92	44.53
26 27 16 00-0308	EA	12" x 10" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	342.69	49.76
26 27 16 00-0309	EA	14" x 12" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	406.82	60.24
26 27 16 00-0310	EA	16" x 14" x 8" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	496.93	82.51
26 27 16 00-0311	EA	18" x 16" x 10" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	637.34	118.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0312	EA	6" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	204.16	28.81
26 27 16 00-0313	EA	8" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	225.63	31.43
26 27 16 00-0314	EA	8" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	252.51	36.67
26 27 16 00-0315	EA	10" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	272.85	39.29
26 27 16 00-0316	EA	12" x 10" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	326.17	44.53
26 27 16 00-0317	EA	10" x 8" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	297.43	44.53
26 27 16 00-0318	EA	12" x 10" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	366.83	49.76
26 27 16 00-0319	EA	14" x 12" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	418.30	60.24
26 27 16 00-0320	EA	16" x 14" x 8" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	534.83	82.51
26 27 16 00-0321	EA	18" x 16" x 10" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	677.56	118.78

26 27 16 00-0322 Breaker Enclosures *(26 27 16)*

See CSI section 26 24 16 00-0001 for lighting and power panel boards.

26 27 16 00-0323 15 To 100 Amperes, F-Frame Breaker Enclosures *(26 27 16 00-0322)*

26 27 16 00-0324	EA	NEMA 1, Painted Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure	433.75	104.76
26 27 16 00-0325	EA	NEMA 3R, Painted Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure	802.69	104.76
26 27 16 00-0326	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure	1,985.70	144.05
26 27 16 00-0327	EA	NEMA 7, Cast Aluminum, 15 To 100 Amperes, F-Frame Breaker Enclosure	2,694.01	157.15
26 27 16 00-0328	EA	NEMA 9, Cast Aluminum, 15 To 100 Amperes, F-Frame Breaker Enclosure	1,962.06	157.15
26 27 16 00-0329	EA	NEMA 12, Painted Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure	685.54	144.05

26 27 16 00-0330 15 To 250 Amperes, H Or J-Frame Breaker Enclosures *(26 27 16 00-0322)*

26 27 16 00-0331	EA	NEMA 1, Painted Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure	693.81	144.05
26 27 16 00-0332	EA	NEMA 3R, Painted Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure	1,284.62	144.05
26 27 16 00-0333	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure	4,406.02	183.35
26 27 16 00-0334	EA	NEMA 12, Painted Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure	1,057.10	183.35

26 27 16 00-0335 125 To 400 Amperes, L-Frame Breaker Enclosures *(26 27 16 00-0322)*

26 27 16 00-0336	EA	NEMA 1, Painted Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure	1,082.76	288.11
26 27 16 00-0337	EA	NEMA 3R, Painted Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure	2,539.64	288.11
26 27 16 00-0338	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure	7,463.30	366.69
26 27 16 00-0339	EA	NEMA 12, Painted Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure	1,804.49	366.69

26 27 16 00-0340 300 To 800 Amperes, M-Frame Breaker Enclosures *(26 27 16 00-0322)*

26 27 16 00-0341	EA	NEMA 1, Painted Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure	2,121.54	550.04
26 27 16 00-0342	EA	NEMA 3R, Painted Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure	3,661.36	550.04
26 27 16 00-0343	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure	13,425.55	707.19
26 27 16 00-0344	EA	NEMA 12, Painted Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure	7,248.48	707.19

26 27 16 00-0345 250 To 1,200 Amperes, P-Frame Breaker Enclosures *(26 27 16 00-0322)*

26 27 16 00-0346	EA	NEMA 1, Painted Steel, 250 To 1,200 Amperes, P-Frame Breaker Enclosure	2,594.88	550.04
26 27 16 00-0347	EA	NEMA 3R, Painted Steel, 250 To 1,200 Amperes, P-Frame Breaker Enclosure	4,409.92	550.04
26 27 16 00-0348	EA	NEMA 3R/5/12, Painted Steel, 250 To 1,200 Amperes, P-Frame Breaker Enclosure	9,122.84	707.19

26 27 16 00-0349 Legend Plates *(26 27 16)*

26 27 16 00-0350	EA	3" Phenolic Plastic Cabinet Legend Plate Engraved With 1/2" Letters	22.59	6.54
26 27 16 00-0351	EA	3" Engraved Aluminum Cabinet Legend Plate Engraved With 1/2" Letters	32.02	6.54

26 27 19 Multi-Outlet Assemblies *(26 27)*

26 27 19 00-0001 Surface Metal Raceway, Preassembled With Outlets *(26 27 19)*

Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal).

26 27 19 00-0002	LF	Single Circuit, Plugmold #2000, 3' With Outlets 6" On Center	31.09	9.56
		For Concrete Or Masonry Surface, Add	*0.96*	
26 27 19 00-0003	LF	Single Circuit, Plugmold #2000, 6' With Outlets 6" On Center	24.06	6.81
		For Concrete Or Masonry Surface, Add	*0.69*	
26 27 19 00-0004	LF	Single Circuit, Plugmold #2000, 6' With Outlets 9" On Center	22.71	7.20
		For Concrete Or Masonry Surface, Add	*0.72*	
26 27 19 00-0005	LF	Single Circuit, Plugmold #2000, 6' With Outlets 12" On Center	24.94	6.81
		For Concrete Or Masonry Surface, Add	*0.69*	
26 27 19 00-0006	LF	Single Circuit, Plugmold #2000, 6' With Outlets 18" On Center	20.35	6.94
		For Concrete Or Masonry Surface, Add	*0.69*	
26 27 19 00-0007	LF	Two Circuits, Plugmold #2000, 6' With Outlets 9" On Center	27.87	6.81
		For Concrete Or Masonry Surface, Add	*0.69*	
26 27 19 00-0008	LF	Two Circuits, Plugmold #2000, 6' With Outlets 12" On Center	24.68	6.81
		For Concrete Or Masonry Surface, Add	*0.69*	
26 27 19 00-0009	LF	Two Circuits, Plugmold #2000, 6' With Outlets 18" On Center	26.60	6.81
		For Concrete Or Masonry Surface, Add	*0.69*	

26 27 23 Indoor Service Poles *(26 27)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 23 00-0001		**Communication And Power Poles** *(26 27 23)* Note: Includes separate compartments for power and communication cable. Includes removable cover plates with knock-outs for modular jacks and openings to accept modular furniture adapters for communication devices. Includes all necessary mounting plates and assemblies. Excludes electrical and communications wire, power outlets and communication devices. Wiremold Tele-Power Pole series.		
26 27 23 00-0002		**Steel Communication And Power Poles** *(26 27 23 00-0001)*		
26 27 23 00-0003		**2-1/4" Width, Steel Communication And Power Poles** *(26 27 23 00-0002)*		
26 27 23 00-0004		**2-1/4" Width, Steel Communication And Power Poles** *(26 27 23 00-0003)*		
26 27 23 00-0005	EA	2-1/4" x 2-5/16", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole	359.97	58.04
26 27 23 00-0006	EA	2-1/4" x 2-5/16", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole	391.66	58.04
26 27 23 00-0007	EA	2-1/4" x 2-5/16", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole	428.31	58.04
26 27 23 00-0008		**Additional Cover Plates For 2-1/4" Width, Steel Communication And Power Poles** *(26 27 23 00-0003)* Note: Excludes receptacles, communication jacks and wiring.		
26 27 23 00-0009	EA	Add-On 2-1/4" Width Steel Cover Plate For Two Duplex Receptacles And One Single Receptacle	73.69	11.97
26 27 23 00-0010	EA	Add-On 2-1/4" Width Steel Cover Plate For Three Duplex Receptacles	63.68	11.97
26 27 23 00-0011	EA	Add-On 2-1/4" Width Steel Cover Plate For Two Duplex Receptacles And One GFCI Receptacle	72.30	11.97
26 27 23 00-0012	EA	Add-On 2-1/4" Width Steel Cover Plate For Data And A/V Modular Devices	53.19	11.97
26 27 23 00-0013	EA	Add-On 2-1/4" Width Steel Cover Plate Radius Control Entrance End Fitting	43.55	11.97
26 27 23 00-0014		**2-3/4" Width, Steel Communication And Power Poles** *(26 27 23 00-0002)*		
26 27 23 00-0015		**2-3/4" Width, Steel Communication And Power Poles** *(26 27 23 00-0014)*		
26 27 23 00-0016	EA	2-3/4" x 1-17/32", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole	468.63	58.04
26 27 23 00-0017	EA	2-3/4" x 1-17/32", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole	536.74	58.04
26 27 23 00-0018	EA	2-3/4" x 1-17/32", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole	573.49	58.04
26 27 23 00-0019		**Additional Cover Plates For 2-3/4" Width, Steel Communication And Power Poles** *(26 27 23 00-0014)* Note: Excludes receptacles and communication jacks.		
26 27 23 00-0020	EA	Add-On 2-3/4" Width Steel Cover Plate For One Single Receptacle	48.94	11.97
26 27 23 00-0021	EA	Add-On 2-3/4" Width Steel Cover Plate For One Duplex Receptacle	43.85	11.97
26 27 23 00-0022	EA	Add-On 2-3/4" Width Steel Cover Plate For Data And A/V Modular Devices	47.49	11.97
26 27 23 00-0023		**3" Width, Steel Communication And Power Poles** *(26 27 23 00-0002)*		
26 27 23 00-0024		**3" Width, Steel Communication And Power Poles** *(26 27 23 00-0023)*		
26 27 23 00-0025	EA	3" x 2-3/4", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole	612.95	58.04
26 27 23 00-0026	EA	3" x 2-3/4", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole	694.92	58.04
26 27 23 00-0027	EA	3" x 2-3/4", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole	748.96	58.04
26 27 23 00-0028		**Additional Cover Plates For 3" Width, Steel Communication And Power Poles** *(26 27 23 00-0023)* Note: Excludes receptacles and communication jacks.		
26 27 23 00-0029	EA	Add-On 3" Width Steel Steel Cover Plate For One Single Receptacle	48.94	11.97
26 27 23 00-0030	EA	Add-On 3" Width Steel Cover Plate For One Duplex Receptacle	43.85	11.97
26 27 23 00-0031	EA	Add-On 3" Width Steel Cover Plate For Data And A/V Modular Devices	47.49	11.97
26 27 23 00-0032		**Aluminum Communication And Power Poles** *(26 27 23 00-0001)*		
26 27 23 00-0033		**2-1/8" Width, Aluminum Communication And Power Poles** *(26 27 23 00-0032)*		
26 27 23 00-0034		**2-1/8" Width, Aluminum Communication And Power Poles** *(26 27 23 00-0033)*		
26 27 23 00-0035	EA	2-1/8" x 2-3/8", 10'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	489.96	58.04
26 27 23 00-0036	EA	2-1/8" x 2-3/8", 12'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	547.27	58.04
26 27 23 00-0037	EA	2-1/8" x 2-3/8", 15'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	611.52	58.04
26 27 23 00-0038		**Additional Cover Plates For 2-1/8" Width, Aluminum Communication And Power Poles** *(26 27 23 00-0033)*		
26 27 23 00-0039	EA	Add-On 2-1/8" Width Aluminum Cover Plate For Two Duplex Receptacles And One Single Receptacle	75.64	11.97
26 27 23 00-0040	EA	Add-On 2-1/8" Width Aluminum Cover Plate For Three Duplex Receptacles	77.26	11.97
26 27 23 00-0041	EA	Add-On 2-1/8" Width Aluminum Cover Plate For Two Duplex Receptacles And One GFCI Receptacle	82.65	11.97
26 27 23 00-0042	EA	Add-On 2-1/8" Width Aluminum Cover Plate For Data And A/V Modular Devices	56.21	11.97
26 27 23 00-0043	EA	Add-On 2-1/8" Width Aluminum Radius Control Entrance End Fitting	43.55	11.97
26 27 23 00-0044		**2-1/4" Width, Aluminum Communication And Power Poles** *(26 27 23 00-0032)*		
26 27 23 00-0045	EA	2-1/4" x 2-5/16", 10'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	472.06	58.04
26 27 23 00-0046	EA	2-1/4" x 2-5/16", 12'-8" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	530.84	58.04
26 27 23 00-0047	EA	2-1/4" x 2-5/16", 15'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	600.09	58.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 23 00-0048		**5" Width, Aluminum Communication And Power Poles** *(26 27 23 00-0032)*		
26 27 23 00-0049	EA	5" x 4-3/4", 10'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	995.63	58.04
26 27 23 00-0050	EA	5" x 4-3/4", 12'-8" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	1,139.79	58.04
26 27 23 00-0051	EA	5" x 4-3/4", 15'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	1,301.26	58.04
26 27 23 00-0052		**2" Diameter, Round Aluminum Communication And Power Pole** *(26 27 23 00-0032)*		
26 27 23 00-0053	EA	2" Diameter, 10'-4" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	537.76	58.04
26 27 23 00-0054	EA	2" Diameter, 10'-4" Height, Painted White Finish, Aluminum Communication And Power Pole	508.71	58.04
26 27 23 00-0055	EA	2" Diameter, 10'-4" Height, Polished Anodized Finish, Aluminum Communication And Power Pole	653.70	58.04

26 27 26 Wiring Devices *(26 27)*

Note: Includes device, installation, wire connections, support clips (where necessary) and testing. Assemblies include outlet device, cover plate, mounting and appropriate box.

26 27 26 00-0001		**Receptacles** *(26 27 26)*		
26 27 26 00-0002		**General Use Receptacles** *(26 27 26 00-0001)*		
26 27 26 00-0003		**Receptacle Assemblies** *(26 27 26 00-0002)*		
		Note: Includes 4" square steel box, bracket, mud ring, receptacle and cover plate.		
26 27 26 00-0004	EA	15 Amperes, 1 Gang, NEMA 5-15, Duplex Receptacle Assembly	104.62	46.50
26 27 26 00-0005	EA	20 Amperes, 1 Gang, NEMA 5-20, Duplex Receptacle Assembly	112.51	49.76
26 27 26 00-0006	EA	15 Amperes, 2 Gang, NEMA 5-15, Duplex Receptacle Assembly	135.85	59.59
26 27 26 00-0007	EA	20 Amperes, 2 Gang, NEMA 5-20, Duplex Receptacle Assembly	151.63	66.14
26 27 26 00-0008	EA	15 Amperes, 1 Gang, GFI, Duplex Receptacle Assembly	122.75	46.50
26 27 26 00-0009	EA	20 Amperes, 1 Gang, GFI, Duplex Receptacle Assembly	131.60	49.76
26 27 26 00-0010		**Receptacle Components** *(26 27 26 00-0002)*		
26 27 26 00-0011	EA	15 Amperes, 125 Volt, 1 Phase, NEMA 5-15, Single Receptacle	31.14	13.10
26 27 26 00-0012	EA	15 Amperes, 125 Volt, 1 Phase, NEMA 5-15, Duplex Receptacle	30.08	13.10
26 27 26 00-0013	EA	15 Amperes, 120/277 Volt, 3 Wire, Single Receptacle	36.31	13.10
26 27 26 00-0014	EA	15 Amperes, 120/277 Volt, 3 Wire, Duplex Receptacle	39.92	13.10
26 27 26 00-0015	EA	15 Amperes, 250 Volt, 1 Phase, NEMA 6-15, Single Receptacle	51.06	16.37
26 27 26 00-0016	EA	15 Amperes, 250 Volt, 1 Phase, NEMA 6-15, Duplex Receptacle	62.90	16.37
26 27 26 00-0017	EA	20 Amperes, 125 Volt, 1 Phase, NEMA 5-20, Single Receptacle	32.53	13.10
26 27 26 00-0018	EA	20 Amperes, 125 Volt, 1 Phase, NEMA 5-20, Duplex Receptacle	31.41	13.10
26 27 26 00-0019	EA	20 Amperes, 120/277 Volt, Single Receptacle	47.67	13.10
26 27 26 00-0020	EA	20 Amperes, 120/277 Volt, Duplex Receptacle	38.78	13.10
26 27 26 00-0021	EA	20 Amperes, 250 Volt, 1 Phase, NEMA 6-20, Single Receptacle	51.06	16.37
26 27 26 00-0022	EA	20 Amperes, 250 Volt, 1 Phase, NEMA 6-20, Duplex Receptacle	62.90	16.37
26 27 26 00-0023	EA	20 Amperes, 125/250 Volt, 1 Phase, NEMA 14-20, Single Receptacle	100.89	16.37
26 27 26 00-0024	EA	20 Amperes, 250 Volt, 3 Phase, NEMA 15-20, Single Receptacle	100.89	16.37
26 27 26 00-0025	EA	25 Amperes, 120/277 Volt, Duplex Receptacle	83.06	19.64
26 27 26 00-0026		**Specialty Receptacles** *(26 27 26 00-0001)*		
26 27 26 00-0027		**Specialty Receptacles** *(26 27 26 00-0026)*		
26 27 26 00-0028	EA	30 Amperes, 125 Volt, 1 Phase, NEMA 5-30, Single Receptacle	72.71	22.92
26 27 26 00-0029	EA	30 Amperes, 250 Volt, 1 Phase, NEMA 6-30, Single Receptacle	72.71	22.92
26 27 26 00-0030	EA	30 Amperes, 125/250 Volt, NEMA 10-30, Single Receptacles	90.01	22.92
26 27 26 00-0031	EA	30 Amperes, 125/250 Volt, 1 Phase, NEMA 14-30, Single Receptacle	113.98	22.92
26 27 26 00-0032	EA	30 Amperes, 250 Volt, 3 Phase, NEMA 15-30, Single Receptacle	120.54	26.19
26 27 26 00-0033	EA	50 Amperes, 125 Volt, 1 Phase, NEMA 5-50, Single Receptacle	110.69	26.19
26 27 26 00-0034	EA	50 Amperes, 250 Volt, 1 Phase, NEMA 6-50, Single Receptacle	107.92	26.19
26 27 26 00-0035	EA	50 Amperes, 277 Volt, NEMA 7-50, Single Receptacle	93.61	26.19
26 27 26 00-0036	EA	50 Amperes, 125/250 Volt, NEMA 10-50, Single Receptacle	108.97	26.19
26 27 26 00-0037	EA	50 Amperes, 125/250 Volt, 1 Phase, NEMA 14-50, Single Receptacle	135.68	26.19
26 27 26 00-0038	EA	50 Amperes, 250 Volt, 3 Phase, NEMA 15-50, Single Receptacle	142.22	29.47
26 27 26 00-0039	EA	60 Amperes, 125/250 Volt, 1 Phase, NEMA 14-60, Single Receptacle	156.34	32.74
26 27 26 00-0040	EA	60 Amperes, 250 Volt, 3 Phase, NEMA 15-60, Single Receptacle	169.43	39.29
26 27 26 00-0041	EA	100 Amperes, 480 Volt, 3 Phase, Joy Receptacle With Box, Complete	1,626.73	307.76
26 27 26 00-0042	EA	400 Amperes, 4 Pole Weatherproof Generator Receptacle With Box, Complete	4,102.71	376.51
26 27 26 00-0043	EA	30 Amperes, 230 Volt, Dryer Receptacle	87.15	26.19
26 27 26 00-0044	EA	60 Amperes, 230 Volt, Range Receptacle	127.26	39.29
26 27 26 00-0045	EA	15 Or 20 Amperes, 120/277 Volt, Clock Hanger Receptacle	84.48	16.37
26 27 26 00-0046	EA	Cable Reel With 20 Amperes, 120 Volt Receptacle, Complete	1,682.61	398.80
26 27 26 00-0047		**Isolated Ground Receptacles** *(26 27 26 00-0026)*		
26 27 26 00-0048	EA	15 Amperes, 125 Volt, NEMA 5-15R Isolated Ground Receptacle, Simplex Note: 2 Pole, 3 wire.	100.09	13.10
26 27 26 00-0049	EA	20 Amperes, 120 Volt Isolated Ground Receptacles, Simplex	71.00	16.37
26 27 26 00-0050	EA	20 Amperes, 120 Volt Isolated Ground Receptacles, Duplex	70.73	16.37
26 27 26 00-0051	EA	30 Amperes, 120 Volt Isolated Ground Receptacles, Simplex	97.22	26.19
26 27 26 00-0052	EA	Locking 15 Amperes, 250 Volt Isolated Ground Receptacles	80.12	16.37
26 27 26 00-0053	EA	Locking 15 Amperes, 277 Volt Isolated Ground Receptacles	73.02	16.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0054	EA	Locking 20 Amperes, 120/208 Volt Isolated Ground Receptacles	101.76	19.64
26 27 26 00-0055	EA	Locking 20 Amperes, 277/480 Volt Isolated Ground Receptacles	79.67	19.64
26 27 26 00-0056	EA	Locking 20 Amperes, 347/600 Volt Isolated Ground Receptacles	104.38	19.64
26 27 26 00-0057	EA	Locking 30 Amperes, 120/208 Volt Isolated Ground Receptacles	128.46	19.64
26 27 26 00-0058	EA	Locking 30 Amperes, 277 Volt Isolated Ground Receptacles	124.58	26.19
26 27 26 00-0059		**Explosion Proof Receptacle Assembly** *(26 27 26 00-0026)*		
26 27 26 00-0060	EA	1/2", 20 Amperes, 2 Watt, 3 Pole, Type CPS Explosion Proof Receptacle Assembly	1,012.01	32.74
26 27 26 00-0061	EA	3/4", 20 Amperes, 2 Watt, 3 Pole, Type CPS Explosion Proof Receptacle Assembly	931.97	36.01
26 27 26 00-0062	EA	3/4", 30 Amperes, 2 Watt, 3 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	1,549.02	65.48
26 27 26 00-0063	EA	3/4", 30 Amperes, 3 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	1,952.61	65.48
26 27 26 00-0064	EA	1-1/4", 60 Amperes, 2 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	2,469.54	98.22
26 27 26 00-0065	EA	1-1/4", 60 Amperes, 3 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	2,352.69	98.22
26 27 26 00-0066		**Ground Fault Circuit Interrupter (GFCI)** *(26 27 26 00-0026)*		
26 27 26 00-0067	EA	15 Amperes, Ground Fault Circuit Interrupter (GFCI), Duplex Receptacle	44.94	16.37
26 27 26 00-0068	EA	20 Amperes, Ground Fault Circuit Interrupter (GFCI), Duplex Receptacle	63.61	19.64
26 27 26 00-0069		**Arc Fault Circuit Interrupter (AFCI)** *(26 27 26 00-0026)*		
26 27 26 00-0070	EA	15 Amperes, 125 Volt Duplex Arc Fault Circuit Interrupter (AFCI), Tamper Resistant Receptacle	84.47	16.37
26 27 26 00-0071	EA	20 Amperes, 125 Volt Duplex Arc Fault Circuit Interrupter (AFCI), Tamper Resistant Receptacle	93.26	16.37
26 27 26 00-0072		**Locking Receptacle** *(26 27 26 00-0026)*		
26 27 26 00-0073	EA	NEMA L5-15, 125 Volt, 2 Pole, 15 Amperes, Locking Receptacle	60.49	16.37
26 27 26 00-0074	EA	NEMA L6-15, 250 Volt, 2 Pole, 15 Amperes, Locking Receptacle	74.89	16.37
26 27 26 00-0075	EA	NEMA L5-20, 125 Volt, 2 Pole, 20 Amperes, Locking Receptacle	66.87	19.64
26 27 26 00-0076	EA	NEMA L6-20, 250 Volt, 2 Pole, 20 Amperes, Locking Receptacle	66.24	19.64
26 27 26 00-0077	EA	NEMA L8-20, 480 Volt, 2 Pole, 20 Amperes, Locking Receptacle	78.91	19.64
26 27 26 00-0078	EA	NEMA L9-20, 600 Volt, 2 Pole, 20 Amperes, Locking Receptacle	95.28	19.64
26 27 26 00-0079	EA	NEMA L10-20, 125/250 Volt, 3 Pole, 20 Amperes, Locking Receptacle	93.47	19.64
26 27 26 00-0080	EA	NEMA L14-20, 125/250 Volt, 3 Pole, 20 Amperes, Locking Receptacle	81.50	19.64
26 27 26 00-0081	EA	NEMA L5-30, 125 Volt, 2 Pole, 30 Amperes, Locking Receptacle	92.44	26.19
26 27 26 00-0082	EA	NEMA L6-30, 250 Volt, 2 Pole, 30 Amperes, Locking, Receptacle	93.96	26.19
26 27 26 00-0083	EA	NEMA L15-30, 250 Volt, 3 Pole, 30 Amperes, Locking Receptacle	134.33	26.19
26 27 26 00-0084		**Weathertight Pin And Sleeve Receptacle** *(26 27 26 00-0026)*		
26 27 26 00-0085	EA	20 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R4W)	302.31	65.48
26 27 26 00-0086	EA	20 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R6W)	301.60	65.48
26 27 26 00-0087	EA	20 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R7W)	314.96	65.48
26 27 26 00-0088	EA	20 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R12W)	384.73	72.03
26 27 26 00-0089	EA	20 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R9W)	385.84	72.03
26 27 26 00-0090	EA	20 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R7W)	383.27	72.03
26 27 26 00-0091	EA	30 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R4W)	459.73	80.54
26 27 26 00-0092	EA	30 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R6W)	438.00	80.54
26 27 26 00-0093	EA	30 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R7W)	472.02	80.54
26 27 26 00-0094	EA	30 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R12W)	476.36	88.40
26 27 26 00-0095	EA	30 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R9W)	475.93	88.40
26 27 26 00-0096	EA	30 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R7W)	479.01	88.40
26 27 26 00-0097	EA	60 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R4W)	671.33	104.76
26 27 26 00-0098	EA	60 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R6W)	645.01	104.76
26 27 26 00-0099	EA	60 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R7W)	662.14	104.76
26 27 26 00-0100	EA	60 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R12W)	737.38	116.56
26 27 26 00-0101	EA	60 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R9W)	737.89	116.56
26 27 26 00-0102	EA	60 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R7W)	738.40	116.56
26 27 26 00-0103	EA	100 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 3100R6W)	820.66	130.96
26 27 26 00-0104	EA	100 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 3100R7W)	854.40	130.96
26 27 26 00-0105	EA	100 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R12W)	919.02	144.05
26 27 26 00-0106	EA	100 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R9W)	916.48	144.05
26 27 26 00-0107	EA	100 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R7W)	921.25	144.05
26 27 26 00-0108		**Corrosion Resistant Receptacle** *(26 27 26 00-0026)*		
26 27 26 00-0109	EA	15/20 Amperes, 125 Volt Corrosion Resistant, Power Receptacles	89.39	13.10
26 27 26 00-0110	EA	15/20 Amperes, 250 Volt Corrosion Resistant, Power Receptacles	182.09	16.37
26 27 26 00-0111		**Tamper Resistant Receptacle** *(26 27 26 00-0026)*		
26 27 26 00-0112	EA	15 Amperes, 125 Volt Duplex Tamper Resistant Receptacle Note: Pass & Seymour 3232-TR.	32.37	13.10
26 27 26 00-0113	EA	20 Amperes, 125 Volt Duplex Tamper Resistant Receptacle Note: Pass & Seymour TR20.	35.55	13.10
26 27 26 00-0114	EA	15 Amperes, 125 Volt Single Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour TR5251.	44.69	13.10
26 27 26 00-0115	EA	20 Amperes, 125 Volt Single Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour TR5351.	48.97	13.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0116	EA	15 Amperes, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Tamper Resistant Receptacle Note: Pass & Seymour S1595-TR*CC8.	74.70	13.10
26 27 26 00-0117	EA	15 Amperes, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour 1595-TRS.	80.83	13.10
26 27 26 00-0118	EA	20 Amperes, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour 2095-TRS.	86.69	13.10
26 27 26 00-0119		**USB Charger/Duplex Tamper-Resistant Receptacles** *(26 27 26 00-0026)*		
26 27 26 00-0120	EA	15 Amperes, 125 Volt Duplex USB Charger/Duplex Tamper-Resistant Receptacle	76.94	13.10
26 27 26 00-0121	EA	20 Amperes, 125 Volt Duplex USB Charger/Duplex Tamper-Resistant Receptacle	83.28	13.10
26 27 26 00-0122		**Television Receptacle** *(26 27 26 00-0001)*		
26 27 26 00-0123	EA	TV Receptacle With Cover (Type F), Complete	87.38	30.38
26 27 26 00-0124		**Switches** *(26 27 26)*		
26 27 26 00-0125		**Switches** *(26 27 26 00-0124)*		
26 27 26 00-0126		**Switch Assemblies** *(26 27 26 00-0125)* Note: Includes 4" square steel box, bracket, mud ring, switch and cover plate.		
26 27 26 00-0127	EA	1 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly	109.14	45.83
26 27 26 00-0128	EA	1 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly	117.66	49.76
26 27 26 00-0129	EA	2 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly	148.16	59.91
26 27 26 00-0130	EA	2 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly	162.57	66.47
26 27 26 00-0131	EA	3 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly	252.03	102.80
26 27 26 00-0132	EA	3 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly	273.64	112.63
26 27 26 00-0133	EA	4 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly	291.21	116.23
26 27 26 00-0134	EA	4 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly	320.02	129.32
26 27 26 00-0135		**Switch Components** *(26 27 26 00-0125)*		
26 27 26 00-0136	EA	15 Amperes, 120/277 Volt, SPST Switch	35.91	13.10
26 27 26 00-0137	EA	15 Amperes, 120/277 Volt, 3-Way Switch	45.51	16.37
26 27 26 00-0138	EA	15 Amperes, 120/277 Volt, 4-Way Switch	89.44	26.19
26 27 26 00-0139	EA	15 Amperes, 120/277 Volt, DPST Switch	41.56	13.10
26 27 26 00-0140	EA	15 Amperes, 120/277 Volt, Thermal Switch	81.05	16.37
26 27 26 00-0141	EA	20 Amperes, 120/277 Volt, SPST Switch	43.11	16.37
26 27 26 00-0142	EA	20 Amperes, 120/277 Volt, 3-Way Switch	53.48	19.64
26 27 26 00-0143	EA	20 Amperes, 120/277 Volt, 4-Way Switch	123.06	26.19
26 27 26 00-0144	EA	20 Amperes, 120/277 Volt, DPST Switch	52.17	16.37
26 27 26 00-0145	EA	20 Amperes, 120/277 Volt, DPDT Switch	56.19	16.37
26 27 26 00-0146	EA	15 Amperes, 120/277 Volt, Single Pole, Toggle, Three Position, Center Off, Momentary Contact Switch	92.31	16.40
26 27 26 00-0147	EA	15 Amperes, 120/277 Volt, Key Operated, Single Pole, Three Position, Center Off, Momentary Contact Switch	116.53	16.40
26 27 26 00-0148	EA	Momentary Contact Switch With Separate Neon Pilot Note: Neon Pilot is 125 V, 1 / 125W.	88.65	19.67
26 27 26 00-0149	EA	20 Amperes, 125 Volt AC, Single Pole, Maintained Contact Switch With Center Off Note: Or 250 VAC 10 Amp, double throw BAT handle.	65.96	22.92
26 27 26 00-0150	EA	20 Amperes, 125 Volt AC, Double Pole, Maintained Contact Switch Note: Or 250 VAC 10 Amp, with center off double throw BAT handle.	81.71	26.19
26 27 26 00-0151	EA	20 Amperes, 125 Volt AC, Three Pole, Maintained Contact Switch Note: Or 250 VAC 10 Amp, with center off double throw BAT handle.	123.15	26.19
26 27 26 00-0152	EA	30 Amperes, 120/277 Volt, Single Pole, Local Switch	92.35	26.23
26 27 26 00-0153	EA	30 Amperes, 120/277 Volt, Double Pole, Local Switch	114.12	26.23
26 27 26 00-0154	EA	30 Amperes, 120/277 Volt, Three-Way Local Switch	119.09	32.79
26 27 26 00-0155	EA	30 Amperes, 120/277 Volt, Four-Way Local Switch	166.71	36.07
26 27 26 00-0156	EA	15 Amperes, 120/277 Volt, Local Switch With Neon Pilot	78.68	21.45
26 27 26 00-0157	EA	15 Amperes, 120/277 Volt, Local Switch With Separate Neon Pilot Note: Neon pilot is 125V, 1/25W. Requires 2 gang installation.	111.87	21.45
26 27 26 00-0158	EA	15 Amperes, 120 Volt, Clear Toggle, Lighted In On Position, Single Pole, Lighted Toggle Switch	97.56	21.45
26 27 26 00-0159	EA	15 Amperes, 120 Volt, Ivory Toggle, Lighted In Off Position, Lighted Toggle Switch	92.64	21.45
26 27 26 00-0160	EA	6 Amperes, 125 Volt, Door Open-Light On, Automatic Door Switch	103.71	10.63
26 27 26 00-0161	EA	6 Amperes, 125 Volt, Door Closed-Light On, Automatic Door Switch	110.38	10.63
26 27 26 00-0162	EA	15 Amperes, 120/277 Volt, Three Position, Center Off, Toggle, Single Pole Momentary Contact Switch	116.84	40.93
26 27 26 00-0163	EA	Three Position, Center Off, Key Operated, Momentary Contact Switch Note: 15A, 120/277 V, Single Pole	141.06	40.93
26 27 26 00-0164	EA	Single Pole, Slide Dimmer (Leviton IP710-LFZ)	169.12	13.12
26 27 26 00-0165	EA	8 Amperes, 120/277 Volt, 0 To 10 Volt Dimmer LED Control Switch, White (Lutron DVSTV-WH)	92.77	13.12
26 27 26 00-0166	EA	120/277 Volt, (8 Amperes Lighting/3 Amperes Fan), Wireless Dimming Switch (Lutron MRF2-8S-DV-WH)	286.64	13.10
26 27 26 00-0167	EA	120 Volt, Companion Wireless Dimmer Switch (Lutron MA-AS-WH)	52.33	13.10
26 27 26 00-0168	EA	1200VA 0-10V LED And Fluorescent, Sunrise Electronic Wall Dimmer (Philips SR1200ZTUNV)	98.92	13.12
26 27 26 00-0169	EA	1 Zone, 2 Button Wireless Scheduling Switch (LG 9SSA2B1T520.ALWB000)	113.65	13.12
26 27 26 00-0170	EA	2 Zone, 4 Button Wireless Scheduling Switch (LG 9SSA2B2T520.ALWB000)	145.78	13.12
26 27 26 00-0171	EA	Wireless Single Rocker Remote Switch (Leviton WSS0S-S9)	174.18	13.12
26 27 26 00-0172		**Specialty Switches** *(26 27 26 00-0124)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0173		**Dimmers With SPST Switch** *(26 27 26 00-0172)*		
26 27 26 00-0174	EA	600 Watt Dimmers With SPST Switch	79.94	29.47
26 27 26 00-0175	EA	1,000 Watt Dimmers With SPST Switch	145.49	29.47
26 27 26 00-0176	EA	1,500 Watt Dimmers With SPST Switch	264.12	47.41
26 27 26 00-0177	EA	2,000 Watt Dimmers With SPST Switch	347.77	47.41
26 27 26 00-0178	EA	600 Watt Fluorescent Dimmer Switch	190.45	34.96
26 27 26 00-0179	EA	1,000 Watt Fluorescent Dimmer Switch	262.42	34.96
26 27 26 00-0180	EA	1,500 Watt Fluorescent Dimmer Switch	478.93	52.78
26 27 26 00-0181	EA	Remote Speed Switch For Paddle Fan	133.54	43.61
26 27 26 00-0182	EA	600 Watt Combination Remote Speed Switch/Incandescent Dimmer	222.82	65.08
26 27 26 00-0183		**Time Switches** *(26 27 26 00-0172)*		
26 27 26 00-0184	EA	40 Amperes, 125 Volt, SPST, Standard Time Switch	154.29	39.29
26 27 26 00-0185	EA	40 Amperes, 277 Volt, SPST, Standard Time Switch	158.08	39.29
26 27 26 00-0186	EA	40 Amperes, 125 Volt, DPST, Standard Time Switch	154.29	39.29
26 27 26 00-0187	EA	40 Amperes, 277 Volt, DPST, Standard Time Switch	158.08	39.29
26 27 26 00-0188	EA	40 Amperes, 125 Volt, SPST, 7-Day Time Switch	179.53	39.29
26 27 26 00-0189	EA	40 Amperes, 277 Volt, SPST, 7-Day Time Switch	179.53	39.29
26 27 26 00-0190	EA	40 Amperes, 125 Volt, DPDT, 7-Day Time Switch	328.45	39.29
26 27 26 00-0191	EA	40 Amperes, 277 Volt, DPDT, 7-Day Time Switch	328.45	39.29
26 27 26 00-0192	EA	20 Amperes, 125 Volt, SPST, Programmable Time Switch	280.67	39.29
26 27 26 00-0193	EA	20 Amperes, 277 Volt, SPST, Programmable Time Switch	309.85	39.29
26 27 26 00-0194	EA	20 Amperes, 277 Volt, SPST, Weatherproof Programmable Time Switch	309.85	39.29
26 27 26 00-0195	EA	40 Amperes, 125 Volt, 4PST, Astro Dial Time Switch	378.80	39.29
26 27 26 00-0196	EA	40 Amperes, 277 Volt, 4PST, Astro Dial Time Switch	390.41	39.29
26 27 26 00-0197	EA	40 Amperes, 125 Volt, SPST, Weatherproof Standard Time Switch	154.29	39.29
26 27 26 00-0198	EA	40 Amperes, 277 Volt, SPST, Weatherproof Standard Time Switch	158.08	39.29
26 27 26 00-0199	EA	40 Amperes, 125 Volt, DPST, Weatherproof Standard Time Switch	154.29	39.29
26 27 26 00-0200	EA	40 Amperes, 277 Volt, DPST, Weatherproof Standard Time Switch	158.08	39.29
26 27 26 00-0201	EA	40 Amperes, 125 Volt, SPST, Weatherproof 7-Day Time Switch	179.53	39.29
26 27 26 00-0202	EA	40 Amperes, 277 Volt, SPST, Weatherproof 7-Day Time Switch	179.53	39.29
26 27 26 00-0203	EA	40 Amperes, 125 Volt, DPDT, Weatherproof 7-Day Time Switch	328.45	39.29
26 27 26 00-0204	EA	40 Amperes, 277 Volt, DPDT, Weatherproof 7-Day Time Switch	328.45	39.29
26 27 26 00-0205	EA	40 Amperes, 125 Volt, 4PST, Weatherproof Astro Dial Time Switch	378.80	39.29
26 27 26 00-0206	EA	40 Amperes, 277 Volt, 4PST, Weatherproof Astro Dial Time Switch	390.41	39.29
26 27 26 00-0207		**Low Voltage Switching** *(26 27 26 00-0172)*		
26 27 26 00-0208	EA	36 Pin Male Or Female Connector	270.99	13.10
26 27 26 00-0209		**Other Switches** *(26 27 26 00-0172)*		
26 27 26 00-0210	EA	SPST Locking Switch For Concealed Devices	137.31	52.39
26 27 26 00-0211	EA	3-Way Locking Switch For Concealed Devices	139.34	52.39
26 27 26 00-0212	EA	Emergency Off Switch, With 1 Non-Closing Contact, Circular, Red, With Guard	155.63	48.98
26 27 26 00-0213	EA	15 Amperes Momentary Contact Switch	147.36	48.98
26 27 26 00-0214	EA	20 Amperes Momentary Contact Switch	156.07	48.98
26 27 26 00-0215		**Plates And Covers** *(26 27 26)*		
26 27 26 00-0216		**Wall Plates** *(26 27 26 00-0215)*		
26 27 26 00-0217		**Nylon Wall Plates** *(26 27 26 00-0216)*		
26 27 26 00-0218	EA	1 Gang Nylon Switch Wall Plates	2.10	0.65
26 27 26 00-0219	EA	2 Gang Nylon Switch Wall Plates	3.56	0.98
26 27 26 00-0220	EA	3 Gang Nylon Switch Wall Plates	5.06	1.31
26 27 26 00-0221	EA	4 Gang Nylon Switch Wall Plate	7.31	1.64
26 27 26 00-0222	EA	1 Gang Duplex Nylon Wall Plate	2.12	0.65
26 27 26 00-0223	EA	2 Gang Duplex Nylon Wall Plate	3.65	0.98
26 27 26 00-0224		**Plastic Wall Plates** *(26 27 26 00-0216)*		
26 27 26 00-0225	EA	1 Gang Plastic Switch Wall Plates	1.94	0.65
26 27 26 00-0226	EA	2 Gang Plastic Switch Wall Plates	3.24	0.98
26 27 26 00-0227	EA	3 Gang Plastic Switch Wall Plates	4.55	1.31
26 27 26 00-0228	EA	4 Gang Plastic Switch Wall Plates	7.31	1.64
26 27 26 00-0229	EA	1 Gang Duplex Plastic Wall Plate	1.94	0.65
26 27 26 00-0230	EA	2 Gang Duplex Plastic Wall Plate	3.25	0.98
26 27 26 00-0231		**Brass Wall Plates** *(26 27 26 00-0216)*		
26 27 26 00-0232	EA	1 Gang, 0.04" Brass Switch Wall Plates	20.84	2.95
26 27 26 00-0233	EA	2 Gang, 0.04" Brass Switch Wall Plates	39.24	3.41
26 27 26 00-0234	EA	3 Gang, 0.04" Brass Switch Wall Plates	57.52	3.80
26 27 26 00-0235	EA	4 Gang, 0.04" Brass Switch Wall Plates	89.63	4.13
26 27 26 00-0236	EA	5 Gang, 0.04" Brass Switch Wall Plates	109.24	4.40
26 27 26 00-0237	EA	6 Gang, 0.04" Brass Switch Wall Plates	126.47	4.59
26 27 26 00-0238	EA	1 Gang, 0.04" Brass Duplex Receptacle Wall Plate	20.84	2.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0239	EA	2 Gang, 0.04" Brass Duplex Receptacle Wall Plate	46.05	3.41
26 27 26 00-0240	EA	3 Gang 0.04" Brass Duplex Receptacle Wall Plate	66.48	3.80
26 27 26 00-0241		**Stainless Steel Wall Plates** *(26 27 26 00-0216)*		
26 27 26 00-0242	EA	1 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	11.02	2.95
26 27 26 00-0243	EA	2 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	17.79	3.41
26 27 26 00-0244	EA	3 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	24.93	3.80
26 27 26 00-0245	EA	4 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	36.71	4.13
26 27 26 00-0246	EA	5 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	43.28	4.40
26 27 26 00-0247	EA	6 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	52.41	4.59
26 27 26 00-0248	EA	1 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate	12.10	2.95
26 27 26 00-0249	EA	2 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate	20.33	3.41
26 27 26 00-0250	EA	3 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate	33.36	3.80
26 27 26 00-0251	EA	4 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate	40.36	4.13
26 27 26 00-0252		**Chrome Wall Plates** *(26 27 26 00-0216)*		
26 27 26 00-0253	EA	1 Gang, 0.040" Chrome Switch Wall Plate	41.98	2.95
26 27 26 00-0254	EA	2 Gang 0.040" Chrome Switch Wall Plate	78.85	3.41
26 27 26 00-0255	EA	3 Gang 0.040" Chrome Switch Wall Plate	115.69	3.80
26 27 26 00-0256	EA	1 Gang 0.040" Chrome Duplex Receptacle Wall Plate	41.95	2.95
26 27 26 00-0257		**Weatherproof Covers** *(26 27 26 00-0215)*		
26 27 26 00-0258		**Stamped Metallic Weatherproof Covers** *(26 27 26 00-0257)*		
		Note: Includes electrostatically applied powder coating and neoprene gasket.		
26 27 26 00-0259	EA	Blank Cover, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FBC)	15.71	0.65
26 27 26 00-0260	EA	Duplex Receptacle, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FAC)	17.04	0.65
26 27 26 00-0261	EA	Single Receptacle, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FRC)	17.04	0.65
26 27 26 00-0262	EA	Toggle Switch, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FTC)	17.04	0.65
26 27 26 00-0263	EA	Blank Cover, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FBC)	20.83	0.98
26 27 26 00-0264	EA	Duplex Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FAC)	23.71	0.98
26 27 26 00-0265	EA	Single Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FRC)	24.00	0.98
26 27 26 00-0266	EA	Toggle Switch, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FTC)	24.00	0.98
26 27 26 00-0267	EA	Toggle Switch And Duplex Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FTAC)	32.77	0.98
26 27 26 00-0268	EA	Blank Cover, Three Gang, Stamped Metallic Weatherproof Cover (Killark® 3FB)	30.88	1.31
26 27 26 00-0269	EA	Toggle Switch, Three Gang, Stamped Metallic Weatherproof Cover (Killark® 3FT)	33.82	1.31
26 27 26 00-0270		**Cast Metallic Weatherproof Covers** *(26 27 26 00-0257)*		
		Note: Includes electrostatically applied powder coating and neoprene gasket.		
26 27 26 00-0271	EA	Blank Cover, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSBC)	19.29	0.65
26 27 26 00-0272	EA	Duplex Receptacle, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLA)	62.22	0.65
26 27 26 00-0273	EA	Single Receptacle, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLR)	69.81	0.65
26 27 26 00-0274	EA	Guarded Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSTG)	19.15	0.65
26 27 26 00-0275	EA	Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLT)	52.70	0.65
26 27 26 00-0276	EA	Lever Operated Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSPT)	87.85	0.65
26 27 26 00-0277	EA	Plunger Operated Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FST)	111.92	0.65
26 27 26 00-0278	EA	Blank Cover, Two Gang, Cast Metallic Weatherproof Cover (Killark® 2FSBC)	24.00	0.98
26 27 26 00-0279	EA	Plunger Operated Toggle Switch, Two Gang, Cast Metallic Weatherproof Cover (Killark® 2FST)	176.83	0.98
26 27 26 00-0280	EA	Blank Cover, Three Gang, Cast Metallic Weatherproof Cover (Killark® 3FSBC)	40.30	1.31
26 27 26 00-0281	EA	Plunger Operated Toggle Switch, Three Gang, Cast Metallic Weatherproof Cover (Killark® 3FST)	168.77	1.31
26 27 26 00-0282		**Die Cast Aluminum Weatherproof Covers** *(26 27 26 00-0257)*		
		Note: Includes electrostatically applied powder coating and neoprene gasket.		
26 27 26 00-0283	EA	Duplex Receptacle, Single Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5027)	6.45	0.65
26 27 26 00-0284	EA	Single Receptacle, Single Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5026)	8.33	0.65
26 27 26 00-0285	EA	Duplex Receptacles, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5032)	11.15	0.98
26 27 26 00-0286	EA	Toggle Switch, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5041)	12.13	0.98
26 27 26 00-0287	EA	Toggle Switch And Duplex Receptacle, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5042)	12.13	0.98
26 27 26 00-0288	EA	Toggle Switch And Single Receptacle, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5043)	13.54	0.98
26 27 26 00-0289		**Heavy-Duty Die Cast Aluminum Weatherproof Covers** *(26 27 26 00-0257)*		
		Note: Includes baked on lacquer finish and neoprene gasket.		
26 27 26 00-0290	EA	Duplex Receptacle, Single Gang, Heavy-Duty Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Pass & Seymour Legrand® 4510)	67.65	0.65
26 27 26 00-0291		**Polycarbonate Weatherproof Covers** *(26 27 26 00-0257)*		
		Note: Includes neoprene gasket.		
26 27 26 00-0292	EA	Toggle Switch, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730)	13.47	0.65
26 27 26 00-0293	EA	Duplex Receptacle, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730)	13.47	0.65
26 27 26 00-0294	EA	Single Receptacle, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730)	13.47	0.65
26 27 26 00-0295	EA	Duplex Receptacle, Two Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5775)	16.61	0.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0296	EA	Toggle Switch And Single Receptacle, Two Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5775)	16.61	0.98
26 27 26 00-0297		**High Impact Thermoplastic Weatherproof Covers** *(26 27 26 00-0257)* Note: Includes neoprene gasket.		
26 27 26 00-0298	EA	Duplex Receptacle, Single Gang, High Impact Thermoplastic Weatherproof Cover With Self Closing Lid (Hubbell® HBL522)	97.31	0.65
26 27 26 00-0299		**Non-Metallic (PVC) Weatherproof Covers** *(26 27 26 00-0257)* Note: Includes neoprene gasket.		
26 27 26 00-0300	EA	Blank Cover, Single Gang, Non-Metallic (PVC) Weatherproof Cover	12.94	0.65
26 27 26 00-0301	EA	Blank Cover, Two Gang, Non-Metallic (PVC) Weatherproof Cover	13.94	0.98
26 27 26 00-0302	EA	Toggle Switch, Single Gang, Non-Metallic (PVC) Weatherproof Cover	12.98	0.65
26 27 26 00-0303	EA	Switch, Single Gang, Non-Metallic (PVC) Weatherproof Cover	28.49	0.65
26 27 26 00-0304	EA	Duplex Receptacle, Single Gang, Non-Metallic (PVC) Weatherproof Cover	33.01	0.65
26 27 26 00-0305	EA	20 Amperes, Receptacle, Single Gang, Non-Metallic (PVC) Weatherproof Cover	26.78	0.65
26 27 26 00-0306	EA	30 Amperes, Receptacle, Single Gang, Non-Metallic (PVC) Weatherproof Cover	19.98	0.65
26 27 26 00-0307	EA	50 Amperes, Receptacle, Single Gang, Non-Metallic (PVC) Weatherproof Cover	23.37	0.65
26 27 26 00-0308	EA	Plunger Switch, Single Gang, Non-Metallic (PVC) Weatherproof Cover	20.90	0.65
26 27 26 00-0309	EA	Double Duplex Receptacle, Two Gang, Non-Metallic (PVC) Weatherproof Cover	30.10	0.98
26 27 26 00-0310		**Removal And Reinstallation Of Wiring Devices** *(26 27 26)* Note: Includes storage and cleaning.		
26 27 26 00-0311	EA	Removal And Reinstallation Of Receptacle, Switch, Outlet Or Special System Device	86.16	
26 27 26 00-0312	EA	Removal And Reinstallation Of Receptacle Or Switch Outlet Cover Plate	10.91	
26 27 26 00-0313		**In Line Midget Fuseholders** *(26 27 26)* See CSI section 26 28 13 00-0078 for fuses.		
26 27 26 00-0314	EA	Single Pole Water Resistant In Line Midget Fuseholder	96.07	
26 27 26 00-0315	EA	Double Pole Water Resistant In Line Midget Fuseholder	223.93	
26 27 26 00-0316		**Limit Switches** *(26 27 26)*		
26 27 26 00-0317		**Heavy-Duty Precision Oiltight** *(26 27 26 00-0316)*		
26 27 26 00-0318		**Lever Arm, Plunger, Wobble Stick Type** *(26 27 26 00-0317)*		
26 27 26 00-0319	EA	Limit Switch, Heavy-Duty, Lever Arm Weatherproof, 10 Amperes Rated	455.50	82.51
26 27 33		**Power Distribution Units** *(26 27)* Note: Includes wiring connections and testing.		
26 27 33 00-0001		**Liebert Precision Power Center** *(26 27 33)* Note: With K20 Trans Spike Suppression Modules Lighting/Surge Arrestors. Includes start-up.		
26 27 33 00-0002	EA	PDU 15 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC015C)	22,518.34	402.70
26 27 33 00-0003	EA	PDU 30 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC030C)	27,193.68	436.49
26 27 33 00-0004	EA	PDU 50 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC050C)	30,992.44	484.55
26 27 33 00-0005	EA	PDU 75 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC075C)	35,661.98	523.84
26 27 33 00-0006	EA	PDU 100 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC100C)	38,907.90	654.80
26 27 33 00-0007	EA	PDU 125 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC125C)	43,645.81	785.77
26 27 33 00-0008	EA	PDU 150 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC150C)	50,358.42	916.73
26 27 33 00-0009	EA	PDU 200 KVA, 480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC200C)	52,946.10	1,047.68
26 27 33 00-0010	EA	PDU 225 KVA, 480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC225C)	55,928.71	1,178.64
26 27 33 00-0011	EA	Ex Panelboard 10-30 KVA	1,990.88	130.96
26 27 33 00-0012	EA	Ex Panelboard 50-125 KVA	2,977.89	163.70
26 27 33 00-0013	EA	Ex Panelboard 150-220 KVA	6,729.47	196.44
26 27 33 00-0014	EA	Removal And Reinstallation Of Power Distribution Unit Note: Includes disconnection / reconnection of branch circuits, storage and cleaning.	2,095.37	
26 27 33 00-0015	EA	Start-Up Liebert Power Distribution Unit Line Item Applies To A Relocation Only	1,571.53	
26 27 73		**Door Chimes** *(26 27)*		
26 27 73 00-0001		**Door Bell Chime And Door Button With Built-In Viewer** *(26 27 73)* Note: Non-electric chime, mounted on door		
26 27 73 00-0002	EA	Mechanical Door Bell Chime And Door Button With Built-In Viewer (Newhouse Hardware MCHBV)	85.04	17.27
26 27 73 00-0003		**Wireless Door Bell System** *(26 27 73)*		
26 27 73 00-0004	EA	Wireless Doorbell Chime And Push Button (Broan LA542WH) Note: Includes 2 push buttons	150.40	
26 27 73 00-0005	EA	Wireless Doorbell Chime And Push Button (STI-3350G) Note: Includes 2 push buttons	141.63	
26 27 73 00-0006	EA	Wireless Doorbell Chime And Push Button (GE 19300) Note: Includes 2 push buttons	105.80	
26 27 73 00-0007		**Door Bell Buzzer System, Wired** *(26 27 73)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 73 00-0008	EA	Door Bell, Push-Button And Transformer, Complete	750.23	272.79
26 27 73 00-0009	EA	Visual Flashing Doorbell Indicator, Wire To Existing System, Complete	323.02	65.48
26 27 73 00-0010	EA	Removal And Replacement Of Bell/Buzzer, Complete Note: Includes removal of existing.	128.58	32.74

26 28 Low-Voltage Circuit Protective Devices *(26 20)*

26 28 13 Fuses *(26 28)*

26 28 13 00-0001 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuses *(26 28 13)*

26 28 13 00-0002	EA	1 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	32.31	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0003	EA	2 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	31.40	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0004	EA	3 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	30.17	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0005	EA	5 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	30.00	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0006	EA	6 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	31.15	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0007	EA	8 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	28.90	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0008	EA	10 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	28.37	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0009	EA	15 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	23.99	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0010	EA	20 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	23.33	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0011	EA	25 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	24.59	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0012	EA	30 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	23.71	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	

26 28 13 00-0013 Class RK1, Time Delay Fuses *(26 28 13)*

26 28 13 00-0014 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuses *(26 28 13 00-0013)*

26 28 13 00-0015	EA	1 Ampere, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	53.84	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0016	EA	2 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	49.88	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0017	EA	3 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	52.64	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0018	EA	4 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	52.28	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0019	EA	5 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	49.52	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0020	EA	10 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	47.87	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0021	EA	15 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	43.48	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0022	EA	20 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	43.15	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0023	EA	25 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	43.51	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0024	EA	30 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	43.06	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0025	EA	35 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	61.71	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0026	EA	40 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	60.39	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0027	EA	45 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	61.38	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0028	EA	50 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	60.57	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0029	EA	60 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	59.37	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	

26 28 13 00-0030 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuses *(26 28 13 00-0013)*

26 28 13 00-0031	EA	70 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	114.15	11.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.86*	
26 28 13 00-0032	EA	80 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	113.49	11.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.86*	
26 28 13 00-0033	EA	90 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	126.88	11.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.86*	
26 28 13 00-0034	EA	100 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	112.43	11.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.86*	
26 28 13 00-0035	EA	110 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	332.93	11.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0036	EA	125 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	241.64	11.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.86*	
26 28 13 00-0037	EA	150 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	220.71	12.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.64*	
26 28 13 00-0038	EA	200 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	232.87	12.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.64*	
26 28 13 00-0039	EA	250 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	442.94	12.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.64*	
26 28 13 00-0040	EA	300 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	475.42	15.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.61*	
26 28 13 00-0041	EA	350 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	511.79	15.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.61*	
26 28 13 00-0042	EA	400 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	392.45	15.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.61*	
26 28 13 00-0043	EA	450 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	884.80	15.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.61*	
26 28 13 00-0044	EA	500 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	834.89	19.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.97*	
26 28 13 00-0045	EA	600 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	648.83	19.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.97*	
26 28 13 00-0046		**600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuses** *(26 28 13 00-0013)*		
26 28 13 00-0047	EA	1 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	86.47	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0048	EA	2 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	80.16	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0049	EA	3 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	74.87	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0050	EA	4 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	76.61	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0051	EA	5 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	75.11	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0052	EA	10 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	75.65	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0053	EA	15 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	69.89	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0054	EA	20 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	69.31	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0055	EA	25 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	68.53	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0056	EA	30 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	69.67	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0057	EA	35 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	103.89	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0058	EA	40 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	104.16	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0059	EA	45 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	102.00	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0060	EA	50 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	103.02	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0061	EA	60 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	103.92	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0062		**600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuses** *(26 28 13 00-0013)*		
26 28 13 00-0063	EA	70 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	198.59	11.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.86*	
26 28 13 00-0064	EA	80 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	202.92	12.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.64*	
26 28 13 00-0065	EA	90 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	201.78	12.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.64*	
26 28 13 00-0066	EA	100 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	202.68	12.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.64*	
26 28 13 00-0067	EA	110 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	377.96	12.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.64*	
26 28 13 00-0068	EA	125 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	383.79	12.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.64*	
26 28 13 00-0069	EA	150 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	377.04	15.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.61*	
26 28 13 00-0070	EA	200 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	376.07	15.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.61*	
26 28 13 00-0071	EA	250 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	725.41	15.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.61*	
26 28 13 00-0072	EA	300 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	727.86	19.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.97*	
26 28 13 00-0073	EA	350 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	822.22	19.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.97*	
26 28 13 00-0074	EA	400 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	743.90	19.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.97*	
26 28 13 00-0075	EA	450 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	1,345.12	19.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0076	EA	500 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	1,194.69	23.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 28 13 00-0077	EA	600 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	1,040.26	23.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 28 13 00-0078		**600 Volt AC, Class CC Midget Fuses** *(26 28 13)* Note: 250/300 Volt DC.		
26 28 13 00-0079	EA	1 Amperes, 600 Volt AC, Class CC Midget Fuse	62.86	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0080	EA	2 Amperes, 600 Volt AC, Class CC Midget Fuse	63.91	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0081	EA	3 Amperes, 600 Volt AC, Class CC Midget Fuse	63.61	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0082	EA	5 Amperes, 600 Volt AC, Class CC Midget Fuse	63.28	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0083	EA	6 Amperes, 600 Volt AC, Class CC Midget Fuse	68.23	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0084	EA	8 Amperes, 600 Volt AC, Class CC Midget Fuse	60.30	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0085	EA	10 Amperes, 600 Volt AC, Class CC Midget Fuse	69.61	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0086	EA	15 Amperes, 600 Volt AC, Class CC Midget Fuse	63.31	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0087	EA	20 Amperes, 600 Volt AC, Class CC Midget Fuse	62.01	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0088	EA	25 Amperes, 600 Volt AC, Class CC Midget Fuse	59.04	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0089	EA	30 Amperes, 600 Volt AC, Class CC Midget Fuse	61.56	9.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 28 13 00-0090		**200,000 Ampere Interrupting Capacity, 600 Volt AC, Class J Bolted Fuse** *(26 28 13)*		
26 28 13 00-0091	EA	1 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	84.99	6.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.93*	
26 28 13 00-0092	EA	3 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	85.68	6.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.93*	
26 28 13 00-0093	EA	6 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	72.64	7.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.71*	
26 28 13 00-0094	EA	10 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	71.05	9.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.90*	
26 28 13 00-0095	EA	15 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	72.70	9.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.90*	
26 28 13 00-0096	EA	20 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	71.23	9.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.90*	
26 28 13 00-0097	EA	25 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	90.39	13.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.86*	
26 28 13 00-0098	EA	30 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	73.89	13.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.86*	
26 28 13 00-0099	EA	35 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	135.45	13.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.86*	
26 28 13 00-0100	EA	40 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	114.24	13.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.86*	
26 28 13 00-0101	EA	45 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	132.20	13.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.86*	
26 28 13 00-0102	EA	50 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	114.37	16.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.83*	
26 28 13 00-0103	EA	60 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	112.09	16.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.83*	
26 28 13 00-0104	EA	70 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	177.68	19.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.79*	
26 28 13 00-0105	EA	80 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	190.27	19.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.79*	
26 28 13 00-0106	EA	90 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	187.06	19.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.79*	
26 28 13 00-0107	EA	100 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	160.23	22.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.75*	
26 28 13 00-0108	EA	110 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	394.99	22.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.75*	
26 28 13 00-0109	EA	125 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	333.47	22.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.75*	
26 28 13 00-0110	EA	150 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	315.18	26.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 28 13 00-0111	EA	175 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	320.08	26.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 28 13 00-0112	EA	200 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	262.85	26.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 28 13 00-0113	EA	225 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	690.83	26.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 28 13 00-0114	EA	250 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	637.42	26.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 28 13 00-0115	EA	300 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	586.02	26.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0116	EA	350 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	640.72	26.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 28 13 00-0117	EA	400 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	523.90	29.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.68*	
26 28 13 00-0118	EA	450 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	1,134.22	29.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.68*	
26 28 13 00-0119	EA	500 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	957.70	32.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.64*	
26 28 13 00-0120	EA	600 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	706.95	32.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.64*	

26 28 13 00-0121 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuses *(26 28 13)*

26 28 13 00-0122	EA	100 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,195.92	16.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.82*	
26 28 13 00-0123	EA	150 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,200.28	16.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.82*	
26 28 13 00-0124	EA	200 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,204.33	16.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.82*	
26 28 13 00-0125	EA	250 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,195.29	19.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.79*	
26 28 13 00-0126	EA	300 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,020.91	19.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.79*	
26 28 13 00-0127	EA	350 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,161.28	22.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.75*	
26 28 13 00-0128	EA	400 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,988.16	22.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.75*	
26 28 13 00-0129	EA	450 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,225.23	22.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.75*	
26 28 13 00-0130	EA	500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,181.55	22.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.75*	
26 28 13 00-0131	EA	600 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,937.01	26.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 28 13 00-0132	EA	601 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,989.55	26.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 28 13 00-0133	EA	650 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,649.95	26.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 28 13 00-0134	EA	700 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,927.49	26.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 28 13 00-0135	EA	750 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,965.78	29.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.68*	
26 28 13 00-0136	EA	800 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,701.31	29.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.68*	
26 28 13 00-0137	EA	900 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,491.93	29.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.68*	
26 28 13 00-0138	EA	1,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,672.41	29.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.68*	
26 28 13 00-0139	EA	1,200 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,722.67	29.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.68*	
26 28 13 00-0140	EA	1,350 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	3,849.50	29.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.68*	
26 28 13 00-0141	EA	1,400 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	3,795.19	29.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.68*	
26 28 13 00-0142	EA	1,500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	3,422.54	29.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.68*	
26 28 13 00-0143	EA	1,600 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,130.43	32.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.64*	
26 28 13 00-0144	EA	1,800 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	4,535.16	32.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.64*	
26 28 13 00-0145	EA	2,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,896.93	32.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.64*	
26 28 13 00-0146	EA	2,500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	3,922.50	32.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.64*	
26 28 13 00-0147	EA	2,501 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	6,694.68	32.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.64*	
26 28 13 00-0148	EA	3,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	4,373.01	36.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.61*	
26 28 13 00-0149	EA	3,500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	9,064.14	36.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.61*	
26 28 13 00-0150	EA	3,800 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	10,520.66	36.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.61*	
26 28 13 00-0151	EA	4,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	6,075.25	36.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.61*	
26 28 13 00-0152	EA	5,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	9,598.95	36.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.61*	
26 28 13 00-0153	EA	6,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	15,902.81	36.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.61*	

26 28 16 Enclosed Switches and Circuit Breakers *(26 28)*

26 28 16 13 Enclosed Circuit Breakers *(26 28 16)*

26 28 16 13-0001 Branch Circuit Breakers *(26 28 16 13)*

Note: For installation in existing and new panelboards. Use task modifier for installation in new panelboards.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0002		**Branch Circuit Breakers 10,000 Amperes Interrupting Capacity, Plug-On** *(26 28 16 13-0001)* Note: Includes connection of electrical wire.		
26 28 16 13-0003	EA	1 Pole, 120/240 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	72.36	23.57
		For Bolt-On, Add	*18.21*	
		For Installation In New Panelboard, Deduct	*-13.10*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 28 16 13-0004	EA	1 Pole, 120/240 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	72.36	23.57
		For Bolt-On, Add	*18.21*	
		For Installation In New Panelboard, Deduct	*-13.10*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 28 16 13-0005	EA	1 Pole, 120/240 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	111.56	29.47
		For Bolt-On, Add	*25.40*	
		For Installation In New Panelboard, Deduct	*-16.37*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.64*	
26 28 16 13-0006	EA	1 Pole GFI, 15 To 30 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	190.76	29.47
		For Bolt-On, Add	*35.30*	
		For Installation In New Panelboard, Deduct	*-16.37*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.64*	
26 28 16 13-0007	EA	1 Pole GFI, 35 To 60 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Protection Circuit Breaker, 10,000 Amperes Interrupting Capacity	281.34	29.47
		For Bolt-On, Add	*46.63*	
		For Installation In New Panelboard, Deduct	*-16.37*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.64*	
26 28 16 13-0008	EA	1 Pole GFI, 15 To 30 Amperes, 120/240 Volt, UL Listed 30mA Equipment Protection Circuit Breaker, 10,000 Amperes Interrupting Capacity	332.98	29.47
		For Bolt-On, Add	*53.08*	
		For Installation In New Panelboard, Deduct	*-16.37*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.64*	
26 28 16 13-0009	EA	1 Pole GFI, 15 To 20 Amperes, 120/240 Volt, "Arc Fault" Circuit Breaker, 10,000 Amperes Interrupting Capacity	140.86	29.47
		For Bolt-On, Add	*29.07*	
		For Installation In New Panelboard, Deduct	*-16.37*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.64*	
26 28 16 13-0010	EA	2 Pole, 15 To 30 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	124.66	35.36
		For Bolt-On, Add	*29.33*	
		For Installation In New Panelboard, Deduct	*-19.65*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.57*	
26 28 16 13-0011	EA	2 Pole, 35 To 60 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	124.66	35.36
		For Bolt-On, Add	*29.33*	
		For Installation In New Panelboard, Deduct	*-19.65*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.57*	
26 28 16 13-0012	EA	2 Pole, 70 To 100 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	196.91	47.15
		For Bolt-On, Add	*42.95*	
		For Installation In New Panelboard, Deduct	*-26.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.43*	
26 28 16 13-0013	EA	2 Pole, 110 To 125 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	353.68	58.93
		For Bolt-On, Add	*67.13*	
		For Installation In New Panelboard, Deduct	*-32.74*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.29*	
26 28 16 13-0014	EA	2 Pole, 150 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	423.57	65.48
		For Bolt-On, Add	*78.16*	
		For Installation In New Panelboard, Deduct	*-36.01*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.22*	
26 28 16 13-0015	EA	2 Pole GFI, 15 To 50 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	377.22	41.91
		For Bolt-On, Add	*63.65*	
		For Installation In New Panelboard, Deduct	*-23.57*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.29*	
26 28 16 13-0016	EA	2 Pole GFI, 15 To 50 Amperes, 120/240 Volt, UL Listed 30mA Equipment Protection Circuit Breaker, 10,000 Amperes Interrupting Capacity	525.38	41.91
		For Bolt-On, Add	*82.17*	
		For Installation In New Panelboard, Deduct	*-23.57*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.29*	
26 28 16 13-0017	EA	3 Pole, 15 To 30 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	266.02	47.15
		For Bolt-On, Add	*51.59*	
		For Installation In New Panelboard, Deduct	*-26.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.43*	
26 28 16 13-0018	EA	3 Pole, 35 To 60 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	266.02	47.15
		For Bolt-On, Add	*51.59*	
		For Installation In New Panelboard, Deduct	*-26.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0019	EA	3 Pole, 70 To 100 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	352.80	58.93
		For Bolt-On, Add	*67.02*	
		For Installation In New Panelboard, Deduct	*-32.74*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.29*	
26 28 16 13-0020	EA	3 Pole, 110 To 125 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	560.18	70.71
		For Bolt-On, Add	*97.52*	
		For Installation In New Panelboard, Deduct	*-39.29*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.15*	
26 28 16 13-0021	EA	3 Pole, 150 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	725.78	82.51
		For Bolt-On, Add	*122.81*	
		For Installation In New Panelboard, Deduct	*-45.84*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.01*	
26 28 16 13-0022		**Branch Circuit Breakers 14,000 Amperes Interrupting Capacity, Plug-On** *(26 28 16 13-0001)*		
		Note: Includes connection of electrical wire.		
26 28 16 13-0023	EA	1 Pole, 277/480 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	119.28	23.57
		For Bolt-On, Add	*24.08*	
		For Installation In New Panelboard, Deduct	*-13.10*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 28 16 13-0024	EA	1 Pole, 277/480 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	119.28	23.57
		For Bolt-On, Add	*24.08*	
		For Installation In New Panelboard, Deduct	*-13.10*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 28 16 13-0025	EA	1 Pole, 277/480 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	231.52	29.47
		For Bolt-On, Add	*40.40*	
		For Installation In New Panelboard, Deduct	*-16.37*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.64*	
26 28 16 13-0026	EA	1 Pole GFI, 277/480 Volt, 15 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	383.81	29.47
		For Bolt-On, Add	*59.44*	
		For Installation In New Panelboard, Deduct	*-16.37*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.64*	
26 28 16 13-0027	EA	2 Pole, 277/480 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	248.21	35.36
		For Bolt-On, Add	*44.78*	
		For Installation In New Panelboard, Deduct	*-19.65*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.57*	
26 28 16 13-0028	EA	2 Pole, 277/480 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	248.21	35.36
		For Bolt-On, Add	*44.78*	
		For Installation In New Panelboard, Deduct	*-19.65*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.57*	
26 28 16 13-0029	EA	2 Pole, 277/480 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	521.52	47.15
		For Bolt-On, Add	*83.52*	
		For Installation In New Panelboard, Deduct	*-26.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.43*	
26 28 16 13-0030	EA	2 Pole, 277/480 Volt, 110 To 125 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	718.23	58.93
		For Bolt-On, Add	*112.70*	
		For Installation In New Panelboard, Deduct	*-32.74*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.29*	
26 28 16 13-0031	EA	2 Pole, 277/480 Volt, 150 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	1,087.11	65.48
		For Bolt-On, Add	*161.10*	
		For Installation In New Panelboard, Deduct	*-36.01*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.22*	
26 28 16 13-0032	EA	3 Pole, 277/480 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	409.37	47.15
		For Bolt-On, Add	*69.50*	
		For Installation In New Panelboard, Deduct	*-26.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.43*	
26 28 16 13-0033	EA	3 Pole, 277/480 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	409.37	47.15
		For Bolt-On, Add	*69.50*	
		For Installation In New Panelboard, Deduct	*-26.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.43*	
26 28 16 13-0034	EA	3 Pole, 277/480 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	629.09	58.93
		For Bolt-On, Add	*101.55*	
		For Installation In New Panelboard, Deduct	*-32.74*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.29*	
26 28 16 13-0035	EA	3 Pole, 277/480 Volt, 110 To 125 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	914.08	70.71
		For Bolt-On, Add	*141.76*	
		For Installation In New Panelboard, Deduct	*-39.29*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0036	EA	3 Pole, 277/480 Volt, 150 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	1,454.69	82.51
		For Bolt-On, Add	*213.92*	
		For Installation In New Panelboard, Deduct	*-45.84*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.01*	
26 28 16 13-0037	EA	3 Pole, 277/480 Volt, 175 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	1,688.64	88.40
		For Bolt-On, Add	*245.46*	
		For Installation In New Panelboard, Deduct	*-49.11*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.93*	
26 28 16 13-0038	EA	3 Pole, 277/480 Volt, 200 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	1,815.13	94.29
		For Bolt-On, Add	*263.56*	
		For Installation In New Panelboard, Deduct	*-52.39*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.86*	
26 28 16 13-0039	EA	3 Pole, 277/480 Volt, 225 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	2,164.47	100.18
		For Bolt-On, Add	*309.52*	
		For Installation In New Panelboard, Deduct	*-55.66*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.79*	
26 28 16 13-0040		Branch Circuit Breakers 18,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*		
		Note: Includes connection of electrical wire.		
26 28 16 13-0041	EA	15 To 30 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	150.13	23.57
		For Bolt-On, Add	*27.93*	
		For Installation In New Panelboard, Deduct	*-13.10*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 28 16 13-0042	EA	35 To 60 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	150.13	23.57
		For Bolt-On, Add	*27.93*	
		For Installation In New Panelboard, Deduct	*-13.10*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 28 16 13-0043	EA	70 To 100 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	261.99	29.47
		For Bolt-On, Add	*44.21*	
		For Installation In New Panelboard, Deduct	*-16.37*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.64*	
26 28 16 13-0044	EA	15 To 30 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	328.59	35.36
		For Bolt-On, Add	*54.83*	
		For Installation In New Panelboard, Deduct	*-19.65*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.57*	
26 28 16 13-0045	EA	35 To 60 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	328.59	35.36
		For Bolt-On, Add	*54.83*	
		For Installation In New Panelboard, Deduct	*-19.65*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.57*	
26 28 16 13-0046	EA	70 To 100 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	598.60	47.15
		For Bolt-On, Add	*93.16*	
		For Installation In New Panelboard, Deduct	*-26.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.43*	
26 28 16 13-0047	EA	110 To 125 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	1,626.90	58.93
		For Bolt-On, Add	*226.28*	
		For Installation In New Panelboard, Deduct	*-32.74*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.29*	
26 28 16 13-0048	EA	15 To 30 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	542.02	47.15
		For Bolt-On, Add	*86.09*	
		For Installation In New Panelboard, Deduct	*-26.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.43*	
26 28 16 13-0049	EA	35 To 60 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	542.02	47.15
		For Bolt-On, Add	*86.09*	
		For Installation In New Panelboard, Deduct	*-26.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.43*	
26 28 16 13-0050	EA	70 To 100 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	725.63	58.93
		For Bolt-On, Add	*113.62*	
		For Installation In New Panelboard, Deduct	*-32.74*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.29*	
26 28 16 13-0051	EA	110 To 125 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	2,017.30	70.71
		For Bolt-On, Add	*279.66*	
		For Installation In New Panelboard, Deduct	*-39.29*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.15*	
26 28 16 13-0052		Branch Circuit Breakers 22,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*		
		Note: Includes connection of electrical wire.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0053	EA	15 To 30 Amperes, 1 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	176.31	23.57
		For Bolt-On, Add	*31.21*	
		For Installation In New Panelboard, Deduct	*-13.10*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 28 16 13-0054	EA	35 To 60 Amperes, 1 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	176.31	23.57
		For Bolt-On, Add	*31.21*	
		For Installation In New Panelboard, Deduct	*-13.10*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 28 16 13-0055	EA	70 To 100 Amperes, 1 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	205.32	29.47
		For Bolt-On, Add	*37.12*	
		For Installation In New Panelboard, Deduct	*-16.37*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.64*	
26 28 16 13-0056	EA	15 To 30 Amperes, 1 Pole GFI, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	380.31	29.47
		For Bolt-On, Add	*59.00*	
		For Installation In New Panelboard, Deduct	*-16.37*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.64*	
26 28 16 13-0057	EA	15 To 30 Amperes, 2 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	396.91	35.36
		For Bolt-On, Add	*63.37*	
		For Installation In New Panelboard, Deduct	*-19.65*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.57*	
26 28 16 13-0058	EA	35 To 60 Amperes, 2 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	396.91	35.36
		For Bolt-On, Add	*63.37*	
		For Installation In New Panelboard, Deduct	*-19.65*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.57*	
26 28 16 13-0059	EA	70 To 100 Amperes, 2 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	474.82	47.15
		For Bolt-On, Add	*77.69*	
		For Installation In New Panelboard, Deduct	*-26.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.43*	
26 28 16 13-0060	EA	110 To 125 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	698.28	58.93
		For Bolt-On, Add	*110.20*	
		For Installation In New Panelboard, Deduct	*-32.74*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.29*	
26 28 16 13-0061	EA	150 To 225 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	920.55	65.48
		For Bolt-On, Add	*140.28*	
		For Installation In New Panelboard, Deduct	*-36.01*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.22*	
26 28 16 13-0062	EA	250 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	1,155.95	76.62
		For Bolt-On, Add	*174.29*	
		For Installation In New Panelboard, Deduct	*-42.56*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.08*	
26 28 16 13-0063	EA	300 To 400 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	1,238.41	88.40
		For Bolt-On, Add	*189.18*	
		For Installation In New Panelboard, Deduct	*-49.11*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.93*	
26 28 16 13-0064	EA	15 To 30 Amperes, 3 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	475.96	47.15
		For Bolt-On, Add	*77.83*	
		For Installation In New Panelboard, Deduct	*-26.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.43*	
26 28 16 13-0065	EA	35 To 60 Amperes, 3 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	475.96	47.15
		For Bolt-On, Add	*77.83*	
		For Installation In New Panelboard, Deduct	*-26.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.43*	
26 28 16 13-0066	EA	70 To 100 Amperes, 3 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	552.75	58.93
		For Bolt-On, Add	*92.01*	
		For Installation In New Panelboard, Deduct	*-32.74*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.29*	
26 28 16 13-0067	EA	110 To 125 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	868.85	70.71
		For Bolt-On, Add	*136.11*	
		For Installation In New Panelboard, Deduct	*-39.29*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.15*	
26 28 16 13-0068	EA	150 To 225 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	1,142.63	91.67
		For Bolt-On, Add	*178.35*	
		For Installation In New Panelboard, Deduct	*-50.75*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.90*	
26 28 16 13-0069	EA	250 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	1,422.09	106.08
		For Bolt-On, Add	*219.01*	
		For Installation In New Panelboard, Deduct	*-58.93*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0070	EA	300 To 400 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	1,513.64	112.63
		For Bolt-On, Add	*232.75*	
		For Installation In New Panelboard, Deduct	*-62.21*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.65*	

26 28 16 13-0071 Branch Circuit Breakers 25,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0072	EA	15 To 30 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	413.98	35.36
		For Installation In New Panelboard, Deduct	*-19.65*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*65.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.57*	
26 28 16 13-0073	EA	35 To 60 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	413.98	35.36
		For Installation In New Panelboard, Deduct	*-19.65*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*65.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.57*	
26 28 16 13-0074	EA	70 To 100 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	639.83	47.15
		For Installation In New Panelboard, Deduct	*-26.19*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*98.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.43*	
26 28 16 13-0075	EA	110 To 125 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,067.03	58.93
		For Installation In New Panelboard, Deduct	*-32.74*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*156.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.29*	
26 28 16 13-0076	EA	150 To 225 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,690.61	73.34
		For Installation In New Panelboard, Deduct	*-40.93*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*239.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.11*	
26 28 16 13-0077	EA	250 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,927.16	76.62
		For Installation In New Panelboard, Deduct	*-42.56*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*270.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.08*	
26 28 16 13-0078	EA	300 To 400 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	2,098.40	88.40
		For Installation In New Panelboard, Deduct	*-49.11*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*296.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.93*	
26 28 16 13-0079	EA	15 To 30 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	600.68	47.15
		For Installation In New Panelboard, Deduct	*-26.19*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*93.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.43*	
26 28 16 13-0080	EA	35 To 60 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	600.68	47.15
		For Installation In New Panelboard, Deduct	*-26.19*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*93.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.43*	
26 28 16 13-0081	EA	70 To 100 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	757.38	58.93
		For Installation In New Panelboard, Deduct	*-32.74*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*117.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.29*	
26 28 16 13-0082	EA	110 To 125 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,331.46	70.71
		For Installation In New Panelboard, Deduct	*-39.29*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*193.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.15*	
26 28 16 13-0083	EA	150 To 225 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,964.81	91.67
		For Installation In New Panelboard, Deduct	*-50.75*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*281.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.90*	
26 28 16 13-0084	EA	250 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	2,323.73	106.08
		For Installation In New Panelboard, Deduct	*-58.93*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*331.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.72*	
26 28 16 13-0085	EA	300 To 400 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	2,518.47	112.63
		For Installation In New Panelboard, Deduct	*-62.21*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*358.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.65*	

26 28 16 13-0086 Branch Circuit Breakers 30,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0087	EA	2 Pole, 240/480 Volt, 15-30 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	430.94	35.36
		For Bolt-On, Add	*67.62*	
		For Installation In New Panelboard, Deduct	*-19.65*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.57*	
26 28 16 13-0088	EA	2 Pole, 240/480 Volt, 35-60 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	430.94	35.36
		For Bolt-On, Add	*67.62*	
		For Installation In New Panelboard, Deduct	*-19.65*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.57*	
26 28 16 13-0089	EA	2 Pole, 240/480 Volt, 70-100 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	796.44	47.15
		For Bolt-On, Add	*117.89*	
		For Installation In New Panelboard, Deduct	*-26.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.43*	
26 28 16 13-0090	EA	2 Pole, 240/480 Volt, 110-125 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	1,501.26	58.93
		For Bolt-On, Add	*210.58*	
		For Installation In New Panelboard, Deduct	*-32.74*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.29*	
26 28 16 13-0091	EA	2 Pole, 240/480 Volt, 150-225 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	2,408.39	73.34
		For Bolt-On, Add	*329.70*	
		For Installation In New Panelboard, Deduct	*-40.93*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.11*	
26 28 16 13-0092	EA	2 Pole, 240/480 Volt, 250 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	2,752.68	76.62
		For Bolt-On, Add	*373.88*	
		For Installation In New Panelboard, Deduct	*-42.56*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.08*	
26 28 16 13-0093	EA	2 Pole, 240/480 Volt, 300-400 Amperes, Branch Circuit Breaker, 30,000 Amperees Interrupting Capacity	2,989.25	88.40
		For Bolt-On, Add	*408.03*	
		For Installation In New Panelboard, Deduct	*-49.11*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.93*	
26 28 16 13-0094	EA	3 Pole, 240/480 Volt, 15-30 Amperes, Branch Circuit Breaker, 30,000 Amperees Interrupting Capacity	718.13	47.15
		For Bolt-On, Add	*108.10*	
		For Installation In New Panelboard, Deduct	*-26.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.43*	
26 28 16 13-0095	EA	3 Pole, 240/480 Volt, 35-60 Amperes, Branch Circuit Breaker, 30,000 Amperees Interrupting Capacity	718.13	47.15
		For Bolt-On, Add	*108.10*	
		For Installation In New Panelboard, Deduct	*-26.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.43*	
26 28 16 13-0096	EA	3 Pole, 240/480 Volt, 70-100 Amperes, Branch Circuit Breaker, 30,000 Amperees Interrupting Capacity	960.97	58.93
		For Bolt-On, Add	*143.04*	
		For Installation In New Panelboard, Deduct	*-32.74*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.29*	
26 28 16 13-0097	EA	3 Pole, 240/480 Volt, 110-125 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	1,827.61	70.71
		For Bolt-On, Add	*255.95*	
		For Installation In New Panelboard, Deduct	*-39.29*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.15*	
26 28 16 13-0098	EA	3 Pole, 240/480 Volt, 150-225 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	2,305.89	91.67
		For Bolt-On, Add	*323.76*	
		For Installation In New Panelboard, Deduct	*-50.75*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.90*	
26 28 16 13-0099	EA	3 Pole, 240/480 Volt, 250 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	3,741.12	106.08
		For Bolt-On, Add	*508.89*	
		For Installation In New Panelboard, Deduct	*-58.93*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.72*	
26 28 16 13-0100	EA	3 Pole, 240/480 Volt, 300-400 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	3,986.00	112.63
		For Bolt-On, Add	*541.80*	
		For Installation In New Panelboard, Deduct	*-62.21*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.65*	
26 28 16 13-0101		**Branch Circuit Breakers 35,000 Amperes Interrupting Capacity, Plug-On** *(26 28 16 13-0001)*		
		Note: Includes connection of electrical wire.		
26 28 16 13-0102	EA	1 Pole, 480 Volt, 15-30 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	219.06	23.57
		For Bolt-On, Add	*36.55*	
		For Installation In New Panelboard, Deduct	*-13.10*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 28 16 13-0103	EA	1 Pole, 480 Volt, 35-60 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	219.06	23.57
		For Bolt-On, Add	*36.55*	
		For Installation In New Panelboard, Deduct	*-13.10*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0104	EA	1 Pole, 480 Volt, 70-100 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	396.77	29.47
		For Bolt-On, Add	*61.06*	
		For Installation In New Panelboard, Deduct	*-16.37*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.64*	
26 28 16 13-0105	EA	2 Pole, 480 Volt, 15-30 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	500.41	35.36
		For Bolt-On, Add	*76.30*	
		For Installation In New Panelboard, Deduct	*-19.65*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.57*	
26 28 16 13-0106	EA	2 Pole, 480 Volt, 35-60 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	500.41	35.36
		For Bolt-On, Add	*76.30*	
		For Installation In New Panelboard, Deduct	*-19.65*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.57*	
26 28 16 13-0107	EA	2 Pole, 480 Volt, 70-100 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	940.18	47.15
		For Bolt-On, Add	*135.86*	
		For Installation In New Panelboard, Deduct	*-26.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.43*	
26 28 16 13-0108	EA	2 Pole, 480 Volt, 110-125 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	1,788.37	58.93
		For Bolt-On, Add	*246.46*	
		For Installation In New Panelboard, Deduct	*-32.74*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.29*	
26 28 16 13-0109	EA	2 Pole, 480 Volt, 150-225 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	3,542.42	73.34
		For Bolt-On, Add	*471.45*	
		For Installation In New Panelboard, Deduct	*-40.93*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.11*	
26 28 16 13-0110	EA	3 Pole, 480 Volt, 15-30 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	843.47	47.15
		For Bolt-On, Add	*123.77*	
		For Installation In New Panelboard, Deduct	*-26.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.43*	
26 28 16 13-0111	EA	3 Pole, 480 Volt, 35-60 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	843.47	47.15
		For Bolt-On, Add	*123.77*	
		For Installation In New Panelboard, Deduct	*-26.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.43*	
26 28 16 13-0112	EA	3 Pole, 480 Volt, 70-100 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	1,135.11	58.93
		For Bolt-On, Add	*164.81*	
		For Installation In New Panelboard, Deduct	*-32.74*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.29*	
26 28 16 13-0113	EA	3 Pole, 480 Volt, 110-125 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	2,206.08	70.71
		For Bolt-On, Add	*303.26*	
		For Installation In New Panelboard, Deduct	*-39.29*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.15*	
26 28 16 13-0114	EA	3 Pole, 480 Volt, 150-225 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	4,404.79	91.67
		For Bolt-On, Add	*586.12*	
		For Installation In New Panelboard, Deduct	*-50.75*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.90*	

26 28 16 13-0115 Branch Circuit Breakers 42,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0116	EA	15 To 30 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	339.50	23.57
		For Installation In New Panelboard, Deduct	*-13.10*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*51.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 28 16 13-0117	EA	35 To 60 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Ampere Interrupting Capacity	339.50	23.57
		For Installation In New Panelboard, Deduct	*-13.10*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*51.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 28 16 13-0118	EA	70 To 100 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	524.86	29.47
		For Installation In New Panelboard, Deduct	*-16.37*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*77.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.64*	
26 28 16 13-0119	EA	15 To 30 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	639.75	35.36
		For Installation In New Panelboard, Deduct	*-19.65*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*93.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.57*	
26 28 16 13-0120	EA	35 To 60 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	639.75	35.36
		For Installation In New Panelboard, Deduct	*-19.65*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*93.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0121	EA	70 To 100 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	1,240.15	47.15
		For Installation In New Panelboard, Deduct	*-26.19*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*173.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.43*	
26 28 16 13-0122	EA	110 To 125 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	2,297.34	58.93
		For Installation In New Panelboard, Deduct	*-32.74*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*310.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.29*	
26 28 16 13-0123	EA	150 To 225 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	4,672.57	65.48
		For Installation In New Panelboard, Deduct	*-36.01*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*609.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.22*	
26 28 16 13-0124	EA	15 To 30 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	1,122.70	47.15
		For Installation In New Panelboard, Deduct	*-26.19*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*158.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.43*	
26 28 16 13-0125	EA	35 To 60 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	1,122.70	47.15
		For Installation In New Panelboard, Deduct	*-26.19*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*158.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.43*	
26 28 16 13-0126	EA	70 To 100 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	1,566.52	58.93
		For Installation In New Panelboard, Deduct	*-32.74*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*218.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.29*	
26 28 16 13-0127	EA	110 To 125 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	2,584.54	70.71
		For Installation In New Panelboard, Deduct	*-39.29*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*350.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.15*	
26 28 16 13-0128	EA	150 To 225 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	5,879.96	91.67
		For Installation In New Panelboard, Deduct	*-50.75*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*770.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.90*	

26 28 16 13-0129 Branch Circuit Breakers 65,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0130	EA	15 To 30 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	131.61	23.57
		For Bolt-On, Add	*25.62*	
		For Installation In New Panelboard, Deduct	*-13.10*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 28 16 13-0131	EA	15 To 30 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	301.84	35.36
		For Bolt-On, Add	*51.48*	
		For Installation In New Panelboard, Deduct	*-19.65*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.57*	
26 28 16 13-0132	EA	15 To 30 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	493.66	47.15
		For Bolt-On, Add	*80.04*	
		For Installation In New Panelboard, Deduct	*-26.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.43*	
26 28 16 13-0133	EA	15 To 30 Amperes, 1 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	318.86	23.57
		For Bolt-On, Add	*49.03*	
		For Installation In New Panelboard, Deduct	*-13.10*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 28 16 13-0134	EA	35 To 60 Amperes, 1 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	318.86	23.57
		For Bolt-On, Add	*49.03*	
		For Installation In New Panelboard, Deduct	*-13.10*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 28 16 13-0135	EA	70 To 100 Amperes, 1 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	634.61	47.15
		For Bolt-On, Add	*97.66*	
		For Installation In New Panelboard, Deduct	*-26.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.43*	
26 28 16 13-0136	EA	15 To 30 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	754.53	35.36
		For Bolt-On, Add	*108.07*	
		For Installation In New Panelboard, Deduct	*-19.65*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.57*	
26 28 16 13-0137	EA	35 To 60 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	754.53	35.36
		For Bolt-On, Add	*108.07*	
		For Installation In New Panelboard, Deduct	*-19.65*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0138	EA	70 To 100 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	1,498.84	47.15
		For Bolt-On, Add	*205.69*	
		For Installation In New Panelboard, Deduct	*-26.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.43*	
26 28 16 13-0139	EA	110 To 125 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	2,584.45	58.93
		For Bolt-On, Add	*345.97*	
		For Installation In New Panelboard, Deduct	*-32.74*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.29*	
26 28 16 13-0140	EA	150 To 225 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	5,796.62	73.34
		For Bolt-On, Add	*753.23*	
		For Installation In New Panelboard, Deduct	*-40.93*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.11*	
26 28 16 13-0141	EA	15 To 30 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	1,286.90	47.15
		For Bolt-On, Add	*179.20*	
		For Installation In New Panelboard, Deduct	*-26.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.43*	
26 28 16 13-0142	EA	35 To 60 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	1,286.90	47.15
		For Bolt-On, Add	*179.20*	
		For Installation In New Panelboard, Deduct	*-26.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.43*	
26 28 16 13-0143	EA	70 To 100 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	1,804.89	58.93
		For Bolt-On, Add	*248.53*	
		For Installation In New Panelboard, Deduct	*-32.74*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.29*	
26 28 16 13-0144	EA	110 To 125 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	2,793.35	70.71
		For Bolt-On, Add	*376.67*	
		For Installation In New Panelboard, Deduct	*-39.29*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.15*	
26 28 16 13-0145	EA	150 To 225 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	7,208.39	91.67
		For Bolt-On, Add	*936.57*	
		For Installation In New Panelboard, Deduct	*-50.75*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.90*	

26 28 16 16 Enclosed Switches *(26 28 16)*

26 28 16 16-0001 Motor And Circuit Disconnects *(26 28 16 16)*

Note: Work includes mounting, material handling, uploading at job site and termination of all conductors entering and leaving the disconnect.

26 28 16 16-0002 NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0001)*

26 28 16 16-0003 Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0002)*

Note: Includes fuses and neutral bar.

26 28 16 16-0004 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*

26 28 16 16-0005	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	513.43	130.96
26 28 16 16-0006	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	818.65	157.80
26 28 16 16-0007	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,133.10	184.66
26 28 16 16-0008	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,958.28	290.73
26 28 16 16-0009	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,205.16	451.81
26 28 16 16-0010	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,043.35	667.90
26 28 16 16-0011	EA	800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	9,639.11	785.77
26 28 16 16-0012	EA	1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	12,975.28	916.73

26 28 16 16-0013 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*

26 28 16 16-0014	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	794.53	145.50
26 28 16 16-0015	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	958.68	175.36
26 28 16 16-0016	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,542.64	204.95
26 28 16 16-0017	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,275.81	323.47
26 28 16 16-0018	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,015.58	501.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0019	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,828.73	741.76
26 28 16 16-0020	EA	800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	11,631.63	872.59
26 28 16 16-0021	EA	1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	15,933.54	1,018.61
26 28 16 16-0022		**240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0003)*		
26 28 16 16-0023	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	725.64	205.61
26 28 16 16-0024	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,076.71	273.05
26 28 16 16-0025	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,465.35	303.17
26 28 16 16-0026	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,319.22	474.73
26 28 16 16-0027	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,867.47	779.21
26 28 16 16-0028	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,959.83	1,091.55
26 28 16 16-0029		**600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0003)*		
26 28 16 16-0030	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	958.22	227.21
26 28 16 16-0031	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,214.44	303.17
26 28 16 16-0032	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,814.96	341.15
26 28 16 16-0033	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,668.15	519.91
26 28 16 16-0034	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,019.36	839.46
26 28 16 16-0035	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	9,719.82	1,212.69
26 28 16 16-0036	EA	800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	15,584.72	1,440.57
26 28 16 16-0037	EA	1,200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	19,971.28	1,637.01
26 28 16 16-0038		**240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0003)*		
26 28 16 16-0039	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	701.48	205.61
26 28 16 16-0040	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,045.50	273.05
26 28 16 16-0041	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,408.56	303.17
26 28 16 16-0042	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,397.32	474.73
26 28 16 16-0043	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,307.64	779.21
26 28 16 16-0044	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	8,622.03	1,091.55
26 28 16 16-0045	EA	800 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	14,374.89	1,375.08
26 28 16 16-0046	EA	1,200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	17,754.02	1,571.53
26 28 16 16-0047		**600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0003)*		
26 28 16 16-0048	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,046.84	227.21
26 28 16 16-0049	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,323.36	303.17
26 28 16 16-0050	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,974.21	341.15
26 28 16 16-0051	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,906.55	519.91
26 28 16 16-0052	EA	400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,528.00	839.46
26 28 16 16-0053	EA	600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	10,618.15	1,212.69
26 28 16 16-0054	EA	800 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	17,076.17	1,440.57
26 28 16 16-0055	EA	1,200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	21,582.35	1,637.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0056		Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0002)*		
26 28 16 16-0057		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0058	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	498.15	189.50
26 28 16 16-0059	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	778.85	263.62
26 28 16 16-0060	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,083.24	303.17
26 28 16 16-0061	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,695.44	485.08
26 28 16 16-0062	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,448.70	808.41
26 28 16 16-0063	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,674.86	1,102.43
26 28 16 16-0064	EA	800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	8,149.91	1,309.61
26 28 16 16-0065	EA	1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	10,794.74	1,528.44
26 28 16 16-0066		600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0067	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	550.27	209.15
26 28 16 16-0068	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	882.52	295.84
26 28 16 16-0069	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,225.31	336.83
26 28 16 16-0070	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,901.20	527.25
26 28 16 16-0071	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,710.78	866.17
26 28 16 16-0072	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,276.95	1,212.56
26 28 16 16-0073	EA	800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	9,061.61	1,309.61
26 28 16 16-0074	EA	1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	12,043.28	1,528.44
26 28 16 16-0075		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0076	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	577.28	170.25
26 28 16 16-0077	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	888.91	237.03
26 28 16 16-0078	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,209.81	273.05
26 28 16 16-0079	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,898.98	436.75
26 28 16 16-0080	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,834.97	727.49
26 28 16 16-0081	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,222.89	992.03
26 28 16 16-0082	EA	800 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	10,827.64	1,178.64
26 28 16 16-0083	EA	1,200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	14,145.66	1,375.08
26 28 16 16-0084		480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0085	EA	30 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	629.33	187.92
26 28 16 16-0086	EA	60 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	976.36	266.51
26 28 16 16-0087	EA	100 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,317.88	303.17
26 28 16 16-0088	EA	200 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,048.18	474.73
26 28 16 16-0089	EA	400 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,108.87	779.21
26 28 16 16-0090	EA	600 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,724.08	1,091.55
26 28 16 16-0091	EA	800 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	11,430.96	1,178.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0092		600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0093	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	674.30	188.19
26 28 16 16-0094	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,053.05	266.24
26 28 16 16-0095	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,442.61	303.17
26 28 16 16-0096	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,240.30	474.47
26 28 16 16-0097	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,377.61	779.47
26 28 16 16-0098	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,519.44	1,091.29
26 28 16 16-0099	EA	800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	12,338.78	1,178.64
26 28 16 16-0100	EA	1,200 Amperes, 600 Volt Class, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	16,179.91	1,375.08
26 28 16 16-0101		240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0102	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,009.24	170.51
26 28 16 16-0103	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,212.88	237.30
26 28 16 16-0104	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,878.01	272.79
26 28 16 16-0105	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,812.86	436.49
26 28 16 16-0106		480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0107	EA	30 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,092.26	187.92
26 28 16 16-0108	EA	60 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,323.51	266.51
26 28 16 16-0109	EA	100 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,033.82	303.17
26 28 16 16-0110	EA	200 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,027.35	474.73
26 28 16 16-0111		600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0112	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,217.44	188.19
26 28 16 16-0113	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,461.58	266.24
26 28 16 16-0114	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,282.12	303.17
26 28 16 16-0115	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,389.05	474.47
26 28 16 16-0116		General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0002)* Note: Includes fuses and neutral bar.		
26 28 16 16-0117		240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0116)*		
26 28 16 16-0118	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	351.60	113.93
26 28 16 16-0119	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	482.93	137.12
26 28 16 16-0120	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	753.19	160.30
26 28 16 16-0121	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,403.10	252.89
26 28 16 16-0122	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,379.85	392.22
26 28 16 16-0123	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,351.94	580.55
26 28 16 16-0124		240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0116)*		
26 28 16 16-0125	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	481.44	179.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0126	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	682.75	237.30
26 28 16 16-0127	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	959.81	263.62
26 28 16 16-0128	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,724.09	412.65
26 28 16 16-0129	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,954.35	677.85
26 28 16 16-0130	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,095.28	948.94
26 28 16 16-0131		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0116)*		
26 28 16 16-0132	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	539.85	179.03
26 28 16 16-0133	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	776.92	237.30
26 28 16 16-0134	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,045.49	263.62
26 28 16 16-0135	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,939.96	412.65
26 28 16 16-0136	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,323.34	677.85
26 28 16 16-0137	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,329.19	948.94
26 28 16 16-0138		General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0002)*		
26 28 16 16-0139		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0138)*		
26 28 16 16-0140	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	479.83	158.46
26 28 16 16-0141	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	644.50	182.16
26 28 16 16-0142	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,480.17	291.13
26 28 16 16-0143	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,202.97	484.55
26 28 16 16-0144	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,581.13	660.30
26 28 16 16-0145		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0138)*		
26 28 16 16-0146	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	453.58	148.24
26 28 16 16-0147	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	620.86	206.26
26 28 16 16-0148	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	959.93	237.30
26 28 16 16-0149	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,658.06	379.66
26 28 16 16-0150	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,500.54	632.80
26 28 16 16-0151	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,988.23	862.50
26 28 16 16-0152		NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0001)*		
26 28 16 16-0153		Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0152)* Note: With fuses, neutral bar, and hub if required.		
26 28 16 16-0154		240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)*		
26 28 16 16-0155	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	761.85	153.87
26 28 16 16-0156	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,224.16	184.66
26 28 16 16-0157	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,533.24	214.78
26 28 16 16-0158	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,241.66	327.40
26 28 16 16-0159	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,993.83	523.84
26 28 16 16-0160	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	8,796.79	698.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0161	EA	800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	13,242.17	785.77
26 28 16 16-0162	EA	1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	17,572.50	916.73
26 28 16 16-0163		**600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0153)*		
26 28 16 16-0164	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,323.29	205.08
26 28 16 16-0165	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,574.29	251.44
26 28 16 16-0166	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,248.32	288.77
26 28 16 16-0167	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,162.40	433.09
26 28 16 16-0168	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	6,929.32	708.63
26 28 16 16-0169	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	12,809.62	974.47
26 28 16 16-0170	EA	800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	18,896.37	1,122.07
26 28 16 16-0171	EA	1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	20,810.71	1,263.11
26 28 16 16-0172		**240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0153)*		
26 28 16 16-0173	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	962.49	242.28
26 28 16 16-0174	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,540.74	320.86
26 28 16 16-0175	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,864.05	352.28
26 28 16 16-0176	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,759.15	545.45
26 28 16 16-0177	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	6,021.87	909.52
26 28 16 16-0178	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	10,106.97	1,212.69
26 28 16 16-0179		**600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0153)*		
26 28 16 16-0180	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,490.23	287.20
26 28 16 16-0181	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,776.14	352.02
26 28 16 16-0182	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,391.59	404.15
26 28 16 16-0183	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,470.29	606.35
26 28 16 16-0184	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,365.77	992.16
26 28 16 16-0185	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	13,391.96	1,364.21
26 28 16 16-0186	EA	800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	19,030.68	1,571.53
26 28 16 16-0187	EA	1,200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	22,803.49	1,767.97
26 28 16 16-0188		**240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0153)*		
26 28 16 16-0189	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,061.52	242.28
26 28 16 16-0190	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,543.61	320.86
26 28 16 16-0191	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,003.31	352.28
26 28 16 16-0192	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,852.03	545.45
26 28 16 16-0193	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	6,107.07	909.52
26 28 16 16-0194	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	11,044.12	1,212.69
26 28 16 16-0195	EA	800 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	18,565.87	1,375.08

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26 28 16 16-0196	EA	1,200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	23,171.74	1,571.53
26 28 16 16-0197		**600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0153)*		
26 28 16 16-0198	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,547.05	287.46
26 28 16 16-0199	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,840.03	352.28
26 28 16 16-0200	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,533.58	404.02
26 28 16 16-0201	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,562.58	606.35
26 28 16 16-0202	EA	400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,699.45	992.03
26 28 16 16-0203	EA	600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	13,775.33	1,363.95
26 28 16 16-0204	EA	800 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	20,237.89	1,571.53
26 28 16 16-0205	EA	1,200 Amperes, 600 Volt Class, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	24,394.75	1,767.97
26 28 16 16-0206		**Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0152)*		
26 28 16 16-0207		**240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0206)*		
26 28 16 16-0208	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	725.63	134.76
26 28 16 16-0209	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,191.82	186.62
26 28 16 16-0210	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,573.60	213.99
26 28 16 16-0211	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,080.72	346.52
26 28 16 16-0212	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,673.16	578.06
26 28 16 16-0213	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	8,581.54	770.71
26 28 16 16-0214	EA	800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	13,874.29	917.12
26 28 16 16-0215	EA	1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	18,350.11	1,048.07
26 28 16 16-0216		**600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0206)*		
26 28 16 16-0217	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	817.65	148.51
26 28 16 16-0218	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,351.39	207.84
26 28 16 16-0219	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,778.31	234.68
26 28 16 16-0220	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,313.66	363.80
26 28 16 16-0221	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,314.06	606.35
26 28 16 16-0222	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	9,270.20	808.41
26 28 16 16-0223	EA	800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	14,800.20	960.73
26 28 16 16-0224	EA	1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	19,568.37	1,091.29
26 28 16 16-0225		**240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0206)*		
26 28 16 16-0226	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	860.37	202.07
26 28 16 16-0227	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,378.38	279.86
26 28 16 16-0228	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,787.58	320.99
26 28 16 16-0229	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,427.18	519.78
26 28 16 16-0230	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,322.53	866.95
26 28 16 16-0231	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	9,491.94	1,155.72

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26 28 16 16-0232	EA	800 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	14,947.40	1,375.08
26 28 16 16-0233	EA	1,200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	19,841.92	1,571.53
26 28 16 16-0234		**480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0206)*		
26 28 16 16-0235	EA	30 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	934.19	222.64
26 28 16 16-0236	EA	60 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,500.83	311.82
26 28 16 16-0237	EA	100 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,931.54	352.02
26 28 16 16-0238	EA	200 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,578.27	545.72
26 28 16 16-0239	EA	400 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,663.61	909.39
26 28 16 16-0240	EA	600 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	10,117.82	1,212.56
26 28 16 16-0241	EA	800 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	15,949.34	1,440.57
26 28 16 16-0242	EA	1,200 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	21,163.51	1,637.01
26 28 16 16-0243		**600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0206)*		
26 28 16 16-0244	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	482.40	222.64
26 28 16 16-0245	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,559.27	311.82
26 28 16 16-0246	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,013.01	352.02
26 28 16 16-0247	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,677.43	545.72
26 28 16 16-0248	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,920.35	909.39
26 28 16 16-0249	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	10,078.59	1,212.56
26 28 16 16-0250	EA	800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	15,927.36	1,440.57
26 28 16 16-0251	EA	1,200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	21,133.60	1,637.01
26 28 16 16-0252		**General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0152)* Note: With fuses, neutral bar, and hub if required.		
26 28 16 16-0253		**240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0252)*		
26 28 16 16-0254	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	457.69	133.84
26 28 16 16-0255	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	651.75	160.56
26 28 16 16-0256	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	862.25	186.75
26 28 16 16-0257	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,788.98	284.71
26 28 16 16-0258	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,426.58	455.48
26 28 16 16-0259	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,888.28	607.65
26 28 16 16-0260		**240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0252)*		
26 28 16 16-0261	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	612.57	210.98
26 28 16 16-0262	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	889.37	279.08
26 28 16 16-0263	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,100.60	306.19
26 28 16 16-0264	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,169.81	474.47
26 28 16 16-0265	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,099.92	790.74
26 28 16 16-0266	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	8,793.16	1,054.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0267		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0252)*		
26 28 16 16-0268	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	694.43	210.85
26 28 16 16-0269	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	971.44	279.08
26 28 16 16-0270	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,364.87	306.19
26 28 16 16-0271	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,340.50	474.47
26 28 16 16-0272	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,209.57	790.87
26 28 16 16-0273	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	9,649.33	1,054.76
26 28 16 16-0274	EA	800 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	13,855.08	1,194.88
26 28 16 16-0275		General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0152)*		
26 28 16 16-0276		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0275)*		
26 28 16 16-0277	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	413.76	117.21
26 28 16 16-0278	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	683.34	162.26
26 28 16 16-0279	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	715.01	186.09
26 28 16 16-0280	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,822.81	301.21
26 28 16 16-0281	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,521.89	502.63
26 28 16 16-0282	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	8,017.07	670.12
26 28 16 16-0283		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0275)*		
26 28 16 16-0284	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	649.27	175.75
26 28 16 16-0285	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	936.68	243.33
26 28 16 16-0286	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,387.71	279.08
26 28 16 16-0287	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,391.20	451.94
26 28 16 16-0288		NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0001)*		
26 28 16 16-0289		Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0288)* Note: With fuses and neutral bar (stainless steel).		
26 28 16 16-0290		240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)*		
26 28 16 16-0291	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,081.81	130.96
26 28 16 16-0292	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,500.68	157.80
26 28 16 16-0293	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,130.89	184.40
26 28 16 16-0294	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,089.01	291.00
26 28 16 16-0295	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	14,441.52	451.55
26 28 16 16-0296	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	20,754.65	667.64
26 28 16 16-0297		600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)*		
26 28 16 16-0298	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,646.27	145.50
26 28 16 16-0299	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,939.90	175.23
26 28 16 16-0300	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,546.35	204.82

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26 28 16 16-0301	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,831.37	323.47
26 28 16 16-0302	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	14,990.58	502.11
26 28 16 16-0303	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	21,489.73	741.76
26 28 16 16-0304		**240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0289)*		
26 28 16 16-0305	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,326.92	205.87
26 28 16 16-0306	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,913.40	272.79
26 28 16 16-0307	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,603.97	303.17
26 28 16 16-0308	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,956.96	474.47
26 28 16 16-0309	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	15,545.34	779.47
26 28 16 16-0310	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	22,188.95	1,091.29
26 28 16 16-0311		**600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0289)*		
26 28 16 16-0312	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,817.30	227.35
26 28 16 16-0313	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,203.73	303.17
26 28 16 16-0314	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,834.68	341.02
26 28 16 16-0315	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	8,246.11	519.65
26 28 16 16-0316	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	16,047.05	839.46
26 28 16 16-0317	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	22,830.45	1,212.56
26 28 16 16-0318		**240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0289)*		
26 28 16 16-0319	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,789.99	205.87
26 28 16 16-0320	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,492.30	272.79
26 28 16 16-0321	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,762.34	303.17
26 28 16 16-0322	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	9,540.98	474.47
26 28 16 16-0323	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	18,662.90	779.47
26 28 16 16-0324	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	26,473.24	1,091.29
26 28 16 16-0325		**600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0289)*		
26 28 16 16-0326	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,364.49	227.35
26 28 16 16-0327	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,824.22	303.17
26 28 16 16-0328	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,017.09	341.02
26 28 16 16-0329	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	9,843.37	519.65
26 28 16 16-0330	EA	400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	19,206.68	839.46
26 28 16 16-0331	EA	600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	27,173.14	1,212.56
26 28 16 16-0332		**Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0288)*		
26 28 16 16-0333		**240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0332)*		
26 28 16 16-0334	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,996.35	130.96
26 28 16 16-0335	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,425.27	182.16

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26 28 16 16-0336	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,592.67	209.54
26 28 16 16-0337	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,363.12	334.73
26 28 16 16-0338	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	11,595.10	557.37
26 28 16 16-0339	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	16,614.96	759.31
26 28 16 16-0340		**600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0332)*		
26 28 16 16-0341	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,271.23	144.45
26 28 16 16-0342	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,763.73	204.30
26 28 16 16-0343	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,235.44	232.85
26 28 16 16-0344	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,234.68	363.80
26 28 16 16-0345	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	13,175.06	598.75
26 28 16 16-0346	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	18,929.43	838.14
26 28 16 16-0347		**240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0332)*		
26 28 16 16-0348	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,075.48	170.51
26 28 16 16-0349	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,502.55	237.30
26 28 16 16-0350	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,606.51	272.79
26 28 16 16-0351	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,046.64	436.49
26 28 16 16-0352	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,148.71	727.62
26 28 16 16-0353	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	17,577.77	992.16
26 28 16 16-0354		**600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0332)*		
26 28 16 16-0355	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,358.53	188.19
26 28 16 16-0356	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,887.60	266.24
26 28 16 16-0357	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,376.09	303.17
26 28 16 16-0358	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,455.95	474.47
26 28 16 16-0359	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	14,921.02	779.47
26 28 16 16-0360	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	20,003.84	1,091.29
26 28 16 16-0361		**240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0332)*		
26 28 16 16-0362	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,867.16	170.51
26 28 16 16-0363	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,431.13	237.30
26 28 16 16-0364	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,775.01	272.79
26 28 16 16-0365	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	11,856.52	436.49
26 28 16 16-0366		**600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0332)*		
26 28 16 16-0367	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,263.30	188.19
26 28 16 16-0368	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,911.38	266.24
26 28 16 16-0369	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	8,868.41	303.17

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0370	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	13,501.50	474.47
26 28 16 16-0371		**Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0288)*		
26 28 16 16-0372		**600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0371)*		
26 28 16 16-0373	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,344.22	227.21
26 28 16 16-0374	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,931.26	303.17
26 28 16 16-0375	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	8,963.67	341.15
26 28 16 16-0376		**600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0371)*		
26 28 16 16-0377	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,078.53	187.92
26 28 16 16-0378	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,651.30	266.51
26 28 16 16-0379	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	8,494.56	303.17
26 28 16 16-0380		**NEMA 7 Or 9 Enclosures, Neutral Kit, Safety Switches** *(26 28 16 16-0001)* Note: Class 1, groups C and D, division 1 or 2, NEMA 7; Class 2, groups E, F and G, division 1 or 2, NEMA 9; or Class 3, division 1 Or 2, NEMA 9, hazardous locations as defined in NEC article 500.		
26 28 16 16-0381		**Heavy-Duty Fusible, NEMA 7 Or 9 Enclosures, Neutral Kit, Safety Switches** *(26 28 16 16-0380)* Note: With fuses and neutral bar.		
26 28 16 16-0382	EA	30 Amperes, 240 Volt, 3 Phase, Heavy-Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	3,418.82	261.92
26 28 16 16-0383	EA	60 Amperes, 240 Volt, 3 Phase, Heavy-Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	3,857.21	311.82
26 28 16 16-0384	EA	100 Amperes, 240 Volt, 3 Phase, Heavy-Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	4,276.26	352.02
26 28 16 16-0385	EA	200 Amperes, 240 Volt, 3 Phase, Heavy-Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	9,116.01	545.72
26 28 16 16-0386		**Heavy-Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0380)*		
26 28 16 16-0387	EA	60 Amperes, 240 Volt, 3 Phase, Heavy-Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	2,633.01	311.82
26 28 16 16-0388	EA	100 Amperes, 240 Volt, 3 Phase, Heavy-Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	3,084.04	352.02
26 28 16 16-0389	EA	200 Amperes, 240 Volt, 3 Phase, Heavy-Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	5,690.73	545.72
26 28 16 16-0390		**NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0001)*		
26 28 16 16-0391		**Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0390)* Note: With fuses and neutral bar.		
26 28 16 16-0392		**240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0391)*		
26 28 16 16-0393	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	742.56	130.96
26 28 16 16-0394	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	972.45	157.80
26 28 16 16-0395	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,333.37	184.66
26 28 16 16-0396	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,253.10	290.73
26 28 16 16-0397	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,843.46	451.81
26 28 16 16-0398	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	8,775.63	667.90
26 28 16 16-0399		**600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0391)*		
26 28 16 16-0400	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,178.49	145.37
26 28 16 16-0401	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,209.85	175.49
26 28 16 16-0402	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,752.62	204.95
26 28 16 16-0403	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,741.41	323.47
26 28 16 16-0404	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	6,023.72	501.58
26 28 16 16-0405	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	11,968.66	741.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0406		240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0391)*		
26 28 16 16-0407	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,027.03	205.61
26 28 16 16-0408	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,425.26	273.05
26 28 16 16-0409	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,960.11	303.17
26 28 16 16-0410	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,908.41	474.73
26 28 16 16-0411	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,740.71	779.21
26 28 16 16-0412	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	9,249.69	1,091.55
26 28 16 16-0413		600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0391)*		
26 28 16 16-0414	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,377.69	227.21
26 28 16 16-0415	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,550.55	303.17
26 28 16 16-0416	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,307.89	341.15
26 28 16 16-0417	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,353.85	519.91
26 28 16 16-0418	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	7,081.78	839.46
26 28 16 16-0419	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	13,401.20	1,212.69
26 28 16 16-0420		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0391)*		
26 28 16 16-0421	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,100.50	205.61
26 28 16 16-0422	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,475.73	273.05
26 28 16 16-0423	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,118.52	303.17
26 28 16 16-0424	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,107.29	474.73
26 28 16 16-0425	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	6,273.21	779.21
26 28 16 16-0426	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	9,609.43	1,091.55
26 28 16 16-0427		600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0391)*		
26 28 16 16-0428	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,462.86	227.21
26 28 16 16-0429	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,777.74	303.17
26 28 16 16-0430	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,464.11	341.15
26 28 16 16-0431	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,652.02	519.91
26 28 16 16-0432	EA	400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	7,564.55	839.46
26 28 16 16-0433	EA	600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	13,798.77	1,212.69
26 28 16 16-0434		Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0390)*		
26 28 16 16-0435		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0434)*		
26 28 16 16-0436	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	778.31	189.24
26 28 16 16-0437	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,030.27	263.89
26 28 16 16-0438	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,373.16	303.17
26 28 16 16-0439	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,950.50	485.21
26 28 16 16-0440	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,329.19	808.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0441	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	6,882.62	1,102.69
26 28 16 16-0442		**600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0434)*		
26 28 16 16-0443	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	867.86	208.88
26 28 16 16-0444	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,144.69	295.98
26 28 16 16-0445	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,530.61	336.57
26 28 16 16-0446	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,119.23	527.12
26 28 16 16-0447	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,582.05	866.30
26 28 16 16-0448	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	7,604.57	1,212.69
26 28 16 16-0449		**240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0434)*		
26 28 16 16-0450	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,001.95	170.25
26 28 16 16-0451	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,315.05	237.03
26 28 16 16-0452	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,761.60	273.05
26 28 16 16-0453	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,502.87	436.75
26 28 16 16-0454	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,319.47	727.49
26 28 16 16-0455	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	8,432.85	992.03
26 28 16 16-0456		**600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0434)*		
26 28 16 16-0457	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	975.54	187.92
26 28 16 16-0458	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,419.82	266.51
26 28 16 16-0459	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,884.23	303.17
26 28 16 16-0460	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,461.21	474.73
26 28 16 16-0461	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,328.96	779.21
26 28 16 16-0462	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	10,063.27	1,091.55
26 28 16 16-0463		**240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0434)*		
26 28 16 16-0464	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,212.12	170.25
26 28 16 16-0465	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,434.58	237.03
26 28 16 16-0466	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,251.25	273.05
26 28 16 16-0467	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,568.94	436.75
26 28 16 16-0468	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	6,512.92	556.58
26 28 16 16-0469		**600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0434)*		
26 28 16 16-0470	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,256.69	187.92
26 28 16 16-0471	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,561.81	266.51
26 28 16 16-0472	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,402.50	303.17
26 28 16 16-0473	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,661.03	474.73
26 28 16 16-0474	EA	400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	6,894.21	733.38
26 28 16 16-0475		**Double Throw Safety Switches** *(26 28 16 16-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0476		NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0475)*		
26 28 16 16-0477		240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0476)*		
26 28 16 16-0478	EA	30 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	931.25	168.28
26 28 16 16-0479	EA	60 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,381.88	220.01
26 28 16 16-0480	EA	100 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,942.82	287.46
26 28 16 16-0481	EA	200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,592.79	373.89
26 28 16 16-0482	EA	400 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	6,349.04	467.53
26 28 16 16-0483	EA	600 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	11,572.52	749.74
26 28 16 16-0484	EA	800 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	13,235.28	1,047.68
26 28 16 16-0485	EA	1,000 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	19,583.32	1,178.64
26 28 16 16-0486	EA	1,200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	23,091.77	1,309.61
26 28 16 16-0487		240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0476)*		
26 28 16 16-0488	EA	30 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,170.13	235.73
26 28 16 16-0489	EA	60 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,637.92	307.76
26 28 16 16-0490	EA	100 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,478.67	402.70
26 28 16 16-0491	EA	200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,654.28	523.84
26 28 16 16-0492	EA	400 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	8,746.68	654.80
26 28 16 16-0493	EA	600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	12,176.11	1,047.68
26 28 16 16-0494	EA	800 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	14,264.36	1,178.64
26 28 16 16-0495	EA	1,000 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	20,482.58	1,309.61
26 28 16 16-0496	EA	1,200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	24,308.22	1,440.57
26 28 16 16-0497	EA	1,600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	28,148.96	1,702.48
26 28 16 16-0498	EA	2,000 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	32,032.60	1,964.41
26 28 16 16-0499	EA	2,600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	43,715.88	2,226.32
26 28 16 16-0500	EA	3,000 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	48,007.02	2,488.25
26 28 16 16-0501		240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0476)*		
26 28 16 16-0502	EA	30 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,558.77	294.66
26 28 16 16-0503	EA	60 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,277.24	385.03
26 28 16 16-0504	EA	100 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	4,080.02	502.89
26 28 16 16-0505	EA	200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	5,596.40	653.50
26 28 16 16-0506	EA	400 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	11,385.98	818.50
26 28 16 16-0507	EA	600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	14,346.18	1,311.57
26 28 16 16-0508	EA	800 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	18,204.11	1,440.57
26 28 16 16-0509	EA	1,000 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	24,304.47	1,506.04
26 28 16 16-0510	EA	1,200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	27,287.01	1,571.53
26 28 16 16-0511	EA	1,600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	33,323.75	1,833.45
26 28 16 16-0512	EA	2,000 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	38,347.26	2,095.37
26 28 16 16-0513	EA	2,600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	54,604.33	2,357.29
26 28 16 16-0514	EA	3,000 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	60,371.63	2,619.21
26 28 16 16-0515		600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0476)*		
26 28 16 16-0516	EA	60 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,603.29	220.01
26 28 16 16-0517	EA	100 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,420.28	287.46
26 28 16 16-0518	EA	200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,578.31	373.89
26 28 16 16-0519	EA	400 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	8,527.87	467.53
26 28 16 16-0520	EA	600 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	12,592.47	749.74
26 28 16 16-0521	EA	800 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	14,349.32	1,047.68
26 28 16 16-0522	EA	1,000 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	21,305.92	1,178.64
26 28 16 16-0523	EA	1,200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	25,139.04	1,309.61
26 28 16 16-0524		600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0476)*		
26 28 16 16-0525	EA	60 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,778.58	307.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0526	EA	100 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,650.07	402.70
26 28 16 16-0527	EA	200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,876.96	523.84
26 28 16 16-0528	EA	400 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	8,902.12	654.80
26 28 16 16-0529	EA	600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	13,190.28	1,047.68
26 28 16 16-0530	EA	800 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	15,455.07	1,178.64
26 28 16 16-0531	EA	1,000 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	21,333.21	1,309.61
26 28 16 16-0532	EA	1,200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	26,450.93	1,440.57
26 28 16 16-0533	EA	1,600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	31,984.28	1,702.48
26 28 16 16-0534	EA	2,000 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	36,388.68	1,964.41
26 28 16 16-0535	EA	2,600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	43,715.82	2,226.32
26 28 16 16-0536	EA	3,000 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	52,310.07	2,488.25
26 28 16 16-0537		**600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0476)*		
26 28 16 16-0538	EA	60 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,415.74	385.03
26 28 16 16-0539	EA	100 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	4,280.66	502.89
26 28 16 16-0540	EA	200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	6,010.26	653.50
26 28 16 16-0541	EA	400 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	12,268.73	818.50
26 28 16 16-0542	EA	600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	15,335.31	1,311.57
26 28 16 16-0543	EA	800 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	19,736.41	1,440.57
26 28 16 16-0544	EA	1,000 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	26,433.72	1,506.04
26 28 16 16-0545	EA	1,200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	29,701.40	1,571.53
26 28 16 16-0546	EA	1,600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	36,289.43	1,833.45
26 28 16 16-0547	EA	2,000 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	41,762.91	2,095.37
26 28 16 16-0548	EA	2,600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	59,593.32	2,357.29
26 28 16 16-0549	EA	3,000 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	65,884.95	2,619.21
26 28 16 16-0550		**NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0475)*		
26 28 16 16-0551		**240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0550)*		
26 28 16 16-0552	EA	100 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,444.81	287.46
26 28 16 16-0553	EA	200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	5,673.95	373.89
26 28 16 16-0554	EA	400 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	18,761.06	467.53
26 28 16 16-0555	EA	600 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	32,325.57	749.74
26 28 16 16-0556		**240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0550)*		
26 28 16 16-0557	EA	100 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,198.52	402.05
26 28 16 16-0558	EA	200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	5,193.61	523.19
26 28 16 16-0559	EA	400 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	19,303.28	654.80
26 28 16 16-0560	EA	600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	20,898.87	1,049.65
26 28 16 16-0561		**240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0550)*		
26 28 16 16-0562	EA	30 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,104.52	294.79
26 28 16 16-0563	EA	60 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,845.22	384.76
26 28 16 16-0564	EA	100 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	5,400.88	502.76
26 28 16 16-0565	EA	200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	7,827.04	653.76
26 28 16 16-0566	EA	400 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	13,358.83	818.50
26 28 16 16-0567	EA	600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	15,500.62	1,311.70
26 28 16 16-0568		**600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0550)*		
26 28 16 16-0569	EA	60 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,079.08	220.01
26 28 16 16-0570	EA	100 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,175.58	287.46
26 28 16 16-0571	EA	200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	5,815.77	373.89
26 28 16 16-0572	EA	400 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	11,249.35	467.53
26 28 16 16-0573	EA	600 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	15,003.80	749.74
26 28 16 16-0574		**600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0550)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0575	EA	60 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,341.51	307.76
26 28 16 16-0576	EA	100 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,542.56	402.05
26 28 16 16-0577	EA	200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	6,381.10	523.19
26 28 16 16-0578	EA	400 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	12,166.49	654.80
26 28 16 16-0579	EA	600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	16,311.47	1,049.65
26 28 16 16-0580		**600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0550)*		
26 28 16 16-0581	EA	60 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,877.32	384.76
26 28 16 16-0582	EA	100 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	5,415.59	502.76
26 28 16 16-0583	EA	200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	8,031.47	653.76
26 28 16 16-0584	EA	400 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	13,334.69	818.50
26 28 16 16-0585	EA	600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	15,633.66	1,311.70
26 28 16 16-0586		**NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0475)*		
26 28 16 16-0587		**240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0586)*		
26 28 16 16-0588	EA	30 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,500.32	168.41
26 28 16 16-0589	EA	60 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,825.42	219.88
26 28 16 16-0590	EA	100 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,188.01	287.33
26 28 16 16-0591	EA	200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,387.56	373.63
26 28 16 16-0592	EA	400 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	8,252.00	467.66
26 28 16 16-0593	EA	600 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	12,086.40	749.48
26 28 16 16-0594		**240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0586)*		
26 28 16 16-0595	EA	30 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,863.32	235.73
26 28 16 16-0596	EA	60 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,380.09	307.76
26 28 16 16-0597	EA	100 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,002.53	402.05
26 28 16 16-0598	EA	200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	5,589.27	523.19
26 28 16 16-0599	EA	400 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	10,257.26	654.80
26 28 16 16-0600	EA	600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	13,510.87	1,049.65
26 28 16 16-0601		**240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0586)*		
26 28 16 16-0602	EA	30 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,291.53	294.79
26 28 16 16-0603	EA	60 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	5,011.78	384.76
26 28 16 16-0604	EA	100 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	6,877.10	502.76
26 28 16 16-0605	EA	200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	9,348.59	653.76
26 28 16 16-0606	EA	400 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	17,398.17	818.50
26 28 16 16-0607	EA	600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	21,548.44	1,311.70
26 28 16 16-0608		**600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0586)*		
26 28 16 16-0609	EA	60 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,743.93	219.88
26 28 16 16-0610	EA	100 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,923.78	287.33
26 28 16 16-0611	EA	200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	7,479.23	373.63
26 28 16 16-0612	EA	400 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	10,809.85	467.66
26 28 16 16-0613	EA	600 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	14,485.98	749.48
26 28 16 16-0614		**600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0586)*		
26 28 16 16-0615	EA	60 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,093.69	307.76
26 28 16 16-0616	EA	100 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,330.01	402.05
26 28 16 16-0617	EA	200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	8,131.85	523.19
26 28 16 16-0618	EA	400 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	11,703.44	654.80
26 28 16 16-0619	EA	600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	15,765.85	1,049.65
26 28 16 16-0620		**600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0586)*		
26 28 16 16-0621	EA	60 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	5,064.10	384.76
26 28 16 16-0622	EA	100 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	7,263.10	502.76
26 28 16 16-0623	EA	200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	9,576.10	653.76
26 28 16 16-0624	EA	400 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	17,887.88	818.50
26 28 16 16-0625	EA	600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	22,197.55	1,311.70
26 28 16 16-0626		**Removal And Reinstallation Of Disconnect (Safety) Switches** *(26 28 16 16-0001)*		
		Note: Includes storage and cleaning.		
26 28 16 16-0627	EA	Removal And Reinstallation Of Up To 100 Amperes Safety Disconnect Switch	654.80	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0628	EA	Removal And Reinstallation Of >100 To 200 Amperes Safety Disconnect Switch	851.28	
26 28 16 16-0629	EA	Removal And Reinstallation Of >200 To 300 Amperes Safety Disconnect Switch	949.54	
26 28 16 16-0630	EA	Removal And Reinstallation Of >300 To 400 Amperes Safety Disconnect Switch	1,113.23	
26 28 16 16-0631		**Bolted Contact Switches** *(26 28 16 16)* Note: Work includes mounting, material handling, uploading at job site and termination of all conductors entering and leaving the switch.		
26 28 16 16-0632		**Electrical Trip, Bolted Contact Switches** *(26 28 16 16-0631)*		
26 28 16 16-0633		**Top Feed, Electrical Trip, Bolted Contact Switches** *(26 28 16 16-0632)*		
26 28 16 16-0634	EA	800 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB0833T120480)	10,713.33	1,309.61
26 28 16 16-0635	EA	1,200 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1233T120480)	11,584.44	1,571.53
26 28 16 16-0636	EA	1,600 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1633T120480)	12,595.80	1,833.45
26 28 16 16-0637	EA	2,000 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2033T120480)	13,286.59	2,095.37
26 28 16 16-0638	EA	2,500 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2533T120480)	15,005.86	2,357.29
26 28 16 16-0639	EA	3,000 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB3033T120480)	18,848.83	2,619.21
26 28 16 16-0640	EA	4,000 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB4033T120480)	25,439.51	3,143.05
26 28 16 16-0641		**Bottom Feed, Electrical Trip, Bolted Contact Switches** *(26 28 16 16-0632)*		
26 28 16 16-0642	EA	800 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB0833B120480)	11,361.12	1,309.61
26 28 16 16-0643	EA	1,200 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1233B120480)	12,359.12	1,571.53
26 28 16 16-0644	EA	1,600 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1633B120480)	13,363.80	1,833.45
26 28 16 16-0645	EA	2,000 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2033B120480)	14,388.52	2,095.37
26 28 16 16-0646	EA	2,500 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2533B120480)	16,194.60	2,357.29
26 28 16 16-0647	EA	3,000 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB3033B120480)	21,079.38	2,619.21
26 28 16 16-0648	EA	4,000 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB4033B120480)	27,763.56	3,143.05
26 28 16 16-0649		**Manually Operated, Bolted Contact Switches** *(26 28 16 16-0631)*		
26 28 16 16-0650		**Top Feed, Manually Operated, Bolted Contact Switches** *(26 28 16 16-0649)*		
26 28 16 16-0651	EA	800 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA0833T480)	7,801.58	1,309.61
26 28 16 16-0652	EA	1,200 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA1233T480)	8,707.42	1,571.53
26 28 16 16-0653	EA	1,600 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA1633T480)	9,668.02	1,833.45
26 28 16 16-0654	EA	2,000 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA2033T480)	10,620.61	2,095.37
26 28 16 16-0655	EA	2,500 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA2533T480)	11,639.99	2,357.29
26 28 16 16-0656	EA	3,000 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA3033T480)	15,482.96	2,619.21
26 28 16 16-0657	EA	4,000 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA4033T480)	21,993.50	3,143.05
26 28 16 16-0658		**Bottom Feed, Manually Operated, Bolted Contact Switches** *(26 28 16 16-0649)*		
26 28 16 16-0659	EA	800 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA0833B480)	8,230.33	1,309.61
26 28 16 16-0660	EA	1,200 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA1233B480)	9,355.22	1,571.53
26 28 16 16-0661	EA	1,600 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA1633B480)	10,295.79	1,833.45
26 28 16 16-0662	EA	2,000 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA2033B480)	11,450.06	2,095.37
26 28 16 16-0663	EA	2,500 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA2533B480)	12,681.81	2,357.29
26 28 16 16-0664	EA	3,000 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA3033B480)	17,546.55	2,619.21
26 28 16 16-0665	EA	4,000 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA4033B480)	24,157.27	3,143.05

26 29 Low-Voltage Controllers *(26 20)*

26 29 13 Enclosed Controllers *(26 29)*

26 29 13 13 Across-The-Line Motor Controllers *(26 29 13)*

26 29 13 13-0001		**Manual Motor Starters** *(26 29 13 13)*		
26 29 13 13-0002		**Fractional HP Manual Motor Starters** *(26 29 13 13-0001)*		
26 29 13 13-0003	EA	NEMA 1, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG1)	249.26	65.58
		For Flush Cover Plate In Lieu Of NEMA 1, Deduct	*-3.28*	
		For Oversized Enclosure, Add	*32.96*	
		For Pilot Light, Add	*48.34*	
26 29 13 13-0004	EA	NEMA 1, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG2)	326.52	85.25
		For Flush Cover Plate In Lieu Of NEMA 1, Deduct	*-3.28*	
		For Oversized Enclosure, Add	*32.96*	
		For Pilot Light, Add	*48.34*	
26 29 13 13-0005	EA	NEMA 1, 1 Pole, Key Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG3)	282.22	65.58
		For Flush Cover Plate In Lieu Of NEMA 1, Deduct	*-3.28*	
		For Oversized Enclosure, Add	*32.96*	
		For Pilot Light, Add	*48.34*	
26 29 13 13-0006	EA	NEMA 1, 2 Pole, Key Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG4)	359.48	85.25
		For Flush Cover Plate In Lieu Of NEMA 1, Deduct	*-3.28*	
		For Oversized Enclosure, Add	*32.96*	
		For Pilot Light, Add	*48.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0007	EA	NEMA 1, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG5)	263.55	65.58
		For Oversized Enclosure, Add	*32.96*	
26 29 13 13-0008	EA	NEMA 1, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG6)	345.20	85.25
		For Oversized Enclosure, Add	*32.96*	
26 29 13 13-0009	EA	NEMA 4, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FW1)	532.56	78.70
		For Pilot Light, Add	*126.33*	
26 29 13 13-0010	EA	NEMA 4, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FW2)	613.11	98.37
		For Pilot Light, Add	*126.33*	
26 29 13 13-0011	EA	NEMA 3R, 7 And 9, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FR1)	565.52	78.70
26 29 13 13-0012	EA	NEMA 3R, 7 And 9, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FR2)	642.78	98.37

26 29 13 13-0013 Non-Reversing Manual Motor Starters *(26 29 13 13-0001)*

26 29 13 13-0014	EA	NEMA 1, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG1) Note: NEMA 1 or flush cover plate installation.	201.12	65.58
		For Oversize Enclosure, Add	*15.90*	
		For Pilot Light, Add	*76.32*	
26 29 13 13-0015	EA	NEMA 1, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG2) Note: NEMA 1 or flush cover plate installation.	328.45	85.25
		For Oversize Enclosure, Add	*15.90*	
		For Pilot Light, Add	*76.32*	
26 29 13 13-0016	EA	NEMA 1, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG5) Note: NEMA 1 or flush cover plate installation.	226.95	72.14
		For Oversize Enclosure, Add	*15.90*	
		For Pilot Light, Add	*76.32*	
26 29 13 13-0017	EA	NEMA 1, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG6) Note: NEMA 1 or flush cover plate installation.	355.34	91.81
		For Oversize Enclosure, Add	*15.90*	
		For Pilot Light, Add	*76.32*	
26 29 13 13-0018	EA	NEMA 1, Non-Reversing, 2 Pole, Key Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG3) Note: NEMA 1 or flush cover plate installation.	231.86	65.58
		For Oversize Enclosure, Add	*15.90*	
		For Pilot Light, Add	*76.32*	
26 29 13 13-0019	EA	NEMA 1, Non-Reversing, 3 Pole, Key Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG4) Note: NEMA 1 or flush cover plate installation.	360.25	85.25
		For Oversize Enclosure, Add	*15.90*	
		For Pilot Light, Add	*76.32*	
26 29 13 13-0020	EA	NEMA 4, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW1)	490.23	78.70
		For Pilot Light, Add	*120.84*	
26 29 13 13-0021	EA	NEMA 4, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW2)	605.91	98.37
		For Pilot Light, Add	*120.84*	
26 29 13 13-0022	EA	NEMA 4, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW5)	517.13	85.25
		For Pilot Light, Add	*120.84*	
26 29 13 13-0023	EA	NEMA 4, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW6)	629.63	104.92
		For Pilot Light, Add	*120.84*	
26 29 13 13-0024	EA	NEMA 3R, 7 And 9, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KR1)	519.92	78.70
26 29 13 13-0025	EA	NEMA 3R, 7 And 9, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KR2)	644.07	98.37
26 29 13 13-0026	EA	Open Type, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO1)	146.93	45.90
		For Pilot Light, Add	*76.32*	
26 29 13 13-0027	EA	Open Type, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO2)	274.26	65.58
		For Pilot Light, Add	*76.32*	
26 29 13 13-0028	EA	Open Type, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO5)	172.76	52.47
		For Pilot Light, Add	*76.32*	
26 29 13 13-0029	EA	Open Type, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO6)	300.09	72.14
		For Pilot Light, Add	*76.32*	

26 29 13 13-0030 Reversing Manual Motor Starters *(26 29 13 13-0001)*

26 29 13 13-0031	EA	NEMA 1, Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2511KG11)	540.31	118.04
		For Pilot Light, Add	*122.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0032	EA	NEMA 1, Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2511KG22)	782.25	157.39
		For Pilot Light, Add	*122.96*	
26 29 13 13-0033		**Two Speed Manual Motor Starters** *(26 29 13 13-0001)*		
26 29 13 13-0034	EA	NEMA 1, Two Speed, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2512KG11)	540.31	118.04
26 29 13 13-0035	EA	NEMA 1, Two Speed, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2512KG22)	782.25	157.39
26 29 13 13-0036		**Non-Reversing Integral HP Manual Motor Starters** *(26 29 13 13-0001)*		
26 29 13 13-0037	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBG1)	494.67	78.70
26 29 13 13-0038	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510TBG1)	494.67	78.70
26 29 13 13-0039	EA	NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW11)	1,021.84	91.81
26 29 13 13-0040	EA	NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW1)	1,021.84	91.81
26 29 13 13-0041	EA	NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBR1)	1,333.83	91.81
26 29 13 13-0042	EA	Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBA1)	629.66	91.81
26 29 13 13-0043	EA	Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBO1)	422.36	59.02
26 29 13 13-0044	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG1)	586.88	85.25
26 29 13 13-0045	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG1)	586.88	85.25
26 29 13 13-0046	EA	NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW11)	1,222.82	98.37
26 29 13 13-0047	EA	NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW1)	1,222.82	98.37
26 29 13 13-0048	EA	NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR1)	1,558.97	98.37
26 29 13 13-0049	EA	Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA1)	721.87	98.37
26 29 13 13-0050	EA	Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO1)	514.58	65.58
26 29 13 13-0051	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG2)	770.27	91.81
26 29 13 13-0052	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG2)	770.27	91.81
26 29 13 13-0053	EA	NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW12)	1,453.45	104.92
26 29 13 13-0054	EA	NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW2)	1,453.45	104.92
26 29 13 13-0055	EA	NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR2)	1,775.33	104.92
26 29 13 13-0056	EA	Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA2)	908.56	104.92
26 29 13 13-0057	EA	Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO2)	701.26	72.14
26 29 13 13-0058	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBG2)	612.57	98.37
26 29 13 13-0059	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510TBG2)	612.57	98.37
26 29 13 13-0060	EA	NEMA 4, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW12)	1,139.75	111.49
26 29 13 13-0061	EA	NEMA 4X, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW2)	1,139.75	111.49
26 29 13 13-0062	EA	NEMA 7 And 9, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBR2)	1,460.53	111.49
26 29 13 13-0063	EA	Type 12, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBA2)	748.66	111.49
26 29 13 13-0064	EA	Open, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBO2)	543.56	78.70
26 29 13 13-0065	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG3)	704.79	104.92
26 29 13 13-0066	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG3)	704.79	104.92
26 29 13 13-0067	EA	NEMA 4, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW13)	1,340.72	118.04
26 29 13 13-0068	EA	NEMA 4X, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW3)	1,340.72	118.04
26 29 13 13-0069	EA	NEMA 7 And 9, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR3)	1,684.57	118.04
26 29 13 13-0070	EA	Type 12, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA3)	839.78	118.04
26 29 13 13-0071	EA	Open, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO3)	632.48	85.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0072		**Reversing Integral HP Manual Motor Starters** *(26 29 13 13-0001)*		
26 29 13 13-0073	EA	NEMA 1, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511MBG1)	1,427.30	137.72
26 29 13 13-0074	EA	NEMA 1, Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511TBG1)	1,427.30	137.72
26 29 13 13-0075	EA	Open, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511MBO1)	1,255.23	98.37
26 29 13 13-0076	EA	NEMA 1, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2511MCG1)	1,687.52	150.84
26 29 13 13-0077	EA	Open, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2511MCO1)	1,515.46	111.49
26 29 13 13-0078		**Two Speed Integral HP Manual Motor Starters** *(26 29 13 13-0001)*		
26 29 13 13-0079	EA	NEMA 1, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2512MBG1)	1,427.30	137.72
26 29 13 13-0080	EA	Open, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2512MBO1)	1,255.23	98.37
26 29 13 13-0081	EA	NEMA 1, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2512MCG1)	1,687.52	150.84
26 29 13 13-0082	EA	Open, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2512MCO1)	1,515.46	111.49
26 29 13 13-0083		**Magnetic Motor Starters** *(26 29 13 13)*		
26 29 13 13-0084		**Non-Reversing, Magnetic Contactors** *(26 29 13 13-0083)*		
26 29 13 13-0085		**Open Enclosure, Non-Reversing, Magnetic Contactors** *(26 29 13 13-0084)*		
26 29 13 13-0086	EA	Size 00, 1 Phase, 2 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SAO11)	577.60	131.16
		For Factory Installed Accessory, Deduct	*-262.31*	
26 29 13 13-0087	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SAO12)	649.98	144.27
		For Factory Installed Accessory, Deduct	*-288.55*	
26 29 13 13-0088	EA	Size 0, 1 Phase, 1 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBO5)	623.74	131.16
		For Factory Installed Accessory, Deduct	*-262.31*	
26 29 13 13-0089	EA	Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBO1)	697.21	144.27
		For Factory Installed Accessory, Deduct	*-288.55*	
26 29 13 13-0090	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBO2)	769.58	157.39
		For Factory Installed Accessory, Deduct	*-314.78*	
26 29 13 13-0091	EA	Size 0, 3 Phase, 4 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBO3)	972.42	196.74
		For Factory Installed Accessory, Deduct	*-393.48*	
26 29 13 13-0092	EA	Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBO4)	1,223.59	236.09
		For Factory Installed Accessory, Deduct	*-472.17*	
26 29 13 13-0093	EA	Size 1, 1 Phase, 1 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCO5)	726.88	144.27
		For Factory Installed Accessory, Deduct	*-288.55*	
26 29 13 13-0094	EA	Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCO1)	799.25	157.39
		For Factory Installed Accessory, Deduct	*-314.78*	
26 29 13 13-0095	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCO2)	873.81	170.51
		For Factory Installed Accessory, Deduct	*-341.01*	
26 29 13 13-0096	EA	Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCO3)	1,117.09	229.53
		For Factory Installed Accessory, Deduct	*-459.05*	
26 29 13 13-0097	EA	Size 1, 3 Phase, 5 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCO4)	1,367.16	268.88
		For Factory Installed Accessory, Deduct	*-537.75*	
26 29 13 13-0098	EA	Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDO1)	1,223.29	157.39
		For Factory Installed Accessory, Deduct	*-314.78*	
26 29 13 13-0099	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDO2)	1,362.41	196.74
		For Factory Installed Accessory, Deduct	*-393.48*	
26 29 13 13-0100	EA	Size 2, 3 Phase, 4 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDO3)	1,775.89	262.31
		For Factory Installed Accessory, Deduct	*-524.63*	
26 29 13 13-0101	EA	Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEO1)	1,832.59	196.74
		For Factory Installed Accessory, Deduct	*-393.48*	
26 29 13 13-0102	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEO2)	2,090.08	262.31
		For Factory Installed Accessory, Deduct	*-524.63*	
26 29 13 13-0103	EA	Size 3, 3 Phase, 4 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEO3)	2,658.47	327.89
		For Factory Installed Accessory, Deduct	*-655.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0104	EA	Size 3, 3 Phase, 5 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEO4)	3,791.51	393.48
		For Factory Installed Accessory, Deduct	*-786.95*	
26 29 13 13-0105	EA	Size 4, 1 Phase, 2 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFO1)	4,129.44	327.89
		For Factory Installed Accessory, Deduct	*-655.79*	
26 29 13 13-0106	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFO2)	4,542.93	393.48
		For Factory Installed Accessory, Deduct	*-786.95*	
26 29 13 13-0107	EA	Size 4, 3 Phase, 4 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFO3)	6,143.96	459.05
		For Factory Installed Accessory, Deduct	*-918.11*	
26 29 13 13-0108	EA	Size 5, 1 Phase, 2 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SGO1)	8,314.29	393.48
		For Factory Installed Accessory, Deduct	*-786.95*	
26 29 13 13-0109	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SGO2)	9,234.65	524.63
		For Factory Installed Accessory, Deduct	*-1,049.27*	
26 29 13 13-0110	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SHO2)	23,917.53	786.95
		For Factory Installed Accessory, Deduct	*-1,573.90*	
26 29 13 13-0111	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SJO2)	34,249.88	1,180.42
		For Factory Installed Accessory, Deduct	*-2,360.85*	

26 29 13 13-0112 NEMA 1, Non-Reversing, Magnetic Contactors *(26 29 13 13-0084)*

26 29 13 13-0113	EA	Size 00, 1 Phase, 2 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SAG11)	611.65	131.16
		For Factory Installed Accessory, Deduct	*-262.31*	
26 29 13 13-0114	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SAG12)	684.03	144.27
		For Factory Installed Accessory, Deduct	*-288.55*	
26 29 13 13-0115	EA	Size 0, 1 Phase, 1 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBG5)	657.79	131.16
		For Factory Installed Accessory, Deduct	*-262.31*	
26 29 13 13-0116	EA	Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBG1)	732.37	144.27
		For Factory Installed Accessory, Deduct	*-288.55*	
26 29 13 13-0117	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBG2)	804.74	157.39
		For Factory Installed Accessory, Deduct	*-314.78*	
26 29 13 13-0118	EA	Size 0, 3 Phase, 4 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBG3)	1,009.77	196.74
		For Factory Installed Accessory, Deduct	*-393.48*	
26 29 13 13-0119	EA	Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBG4)	1,262.04	236.09
		For Factory Installed Accessory, Deduct	*-472.17*	
26 29 13 13-0120	EA	Size 1, 1 Phase, 1 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCG5)	763.13	144.27
		For Factory Installed Accessory, Deduct	*-288.55*	
26 29 13 13-0121	EA	Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCG1)	837.70	157.39
		For Factory Installed Accessory, Deduct	*-314.78*	
26 29 13 13-0122	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCG2)	910.06	170.51
		For Factory Installed Accessory, Deduct	*-341.01*	
26 29 13 13-0123	EA	Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCG3)	1,154.44	229.53
		For Factory Installed Accessory, Deduct	*-459.05*	
26 29 13 13-0124	EA	Size 1, 3 Phase, 5 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCG4)	1,403.42	268.88
		For Factory Installed Accessory, Deduct	*-537.75*	
26 29 13 13-0125	EA	Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDG1)	1,385.88	157.39
		For Factory Installed Accessory, Deduct	*-314.78*	
26 29 13 13-0126	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDG2)	1,526.10	196.74
		For Factory Installed Accessory, Deduct	*-393.48*	
26 29 13 13-0127	EA	Size 2, 3 Phase, 4 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDG3)	1,938.48	262.31
		For Factory Installed Accessory, Deduct	*-524.63*	
26 29 13 13-0128	EA	Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEG1)	2,152.28	196.74
		For Factory Installed Accessory, Deduct	*-393.48*	
26 29 13 13-0129	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEG2)	2,408.66	262.31
		For Factory Installed Accessory, Deduct	*-524.63*	
26 29 13 13-0130	EA	Size 3, 3 Phase, 4 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEG3)	2,978.15	327.89
		For Factory Installed Accessory, Deduct	*-655.79*	
26 29 13 13-0131	EA	Size 4, 1 Phase, 2 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFG1)	4,791.87	327.89
		For Factory Installed Accessory, Deduct	*-655.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0132	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFG2)	5,205.36	393.48
		For Factory Installed Accessory, Deduct	*-786.95*	
26 29 13 13-0133	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SGG2)	10,441.97	524.63
		For Factory Installed Accessory, Deduct	*-1,049.27*	
26 29 13 13-0134	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SHG2)	29,226.88	786.95
		For Factory Installed Accessory, Deduct	*-1,573.90*	
26 29 13 13-0135	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SJG2)	39,574.60	1,180.42
		For Factory Installed Accessory, Deduct	*-2,360.85*	

26 29 13 13-0136 NEMA 12, Non-Reversing, Magnetic Contactors *(26 29 13 13-0084)*

26 29 13 13-0137	EA	Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBA1)	920.22	144.27
		For Factory Installed Accessory, Deduct	*-288.55*	
26 29 13 13-0138	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBA2)	992.59	157.39
		For Factory Installed Accessory, Deduct	*-314.78*	
26 29 13 13-0139	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCA2)	1,097.92	170.51
		For Factory Installed Accessory, Deduct	*-341.01*	
26 29 13 13-0140	EA	Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDA1)	1,728.63	157.39
		For Factory Installed Accessory, Deduct	*-314.78*	
26 29 13 13-0141	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDA2)	1,869.95	196.74
		For Factory Installed Accessory, Deduct	*-393.48*	
26 29 13 13-0142	EA	Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEA1)	2,558.74	196.74
		For Factory Installed Accessory, Deduct	*-393.48*	
26 29 13 13-0143	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEA2)	2,814.03	262.31
		For Factory Installed Accessory, Deduct	*-524.63*	
26 29 13 13-0144	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFA2)	6,551.10	393.48
		For Factory Installed Accessory, Deduct	*-786.95*	
26 29 13 13-0145	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SGA2)	13,885.96	524.63
		For Factory Installed Accessory, Deduct	*-1,049.27*	
26 29 13 13-0146	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SHA2)	33,449.75	786.95
		For Factory Installed Accessory, Deduct	*-1,573.90*	

26 29 13 13-0147 NEMA 4/4X, Non-Reversing, Magnetic Contactors *(26 29 13 13-0084)*

Note: Brushed stainless steel enclosure.

26 29 13 13-0148	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBW12)	1,352.92	157.39
		For Factory Installed Accessory, Deduct	*-314.78*	
26 29 13 13-0149	EA	Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCW11)	1,401.26	157.39
		For Factory Installed Accessory, Deduct	*-314.78*	
26 29 13 13-0150	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCW12)	1,473.63	170.51
		For Factory Installed Accessory, Deduct	*-341.01*	
26 29 13 13-0151	EA	Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCW13)	1,718.00	229.53
		For Factory Installed Accessory, Deduct	*-459.05*	
26 29 13 13-0152	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDW12)	2,653.22	196.74
		For Factory Installed Accessory, Deduct	*-393.48*	
26 29 13 13-0153	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEW12)	4,003.77	262.31
		For Factory Installed Accessory, Deduct	*-524.63*	
26 29 13 13-0154	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFW12)	7,928.70	393.48
		For Factory Installed Accessory, Deduct	*-786.95*	
26 29 13 13-0155	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SGW12)	13,885.96	524.63
		For Factory Installed Accessory, Deduct	*-1,049.27*	
26 29 13 13-0156	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SHW2)	37,048.63	786.95
		For Factory Installed Accessory, Deduct	*-1,573.90*	

26 29 13 13-0157 NEMA 7/9, Non-Reversing, Magnetic Contactors *(26 29 13 13-0084)*

Note: Bolted cast iron enclosure.

26 29 13 13-0158	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 7/9 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBT2)	2,693.73	209.86
		For Factory Installed Accessory, Deduct	*-419.71*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0159		Non-Reversing, Magnetic Starters *(26 29 13 13-0083)*		
26 29 13 13-0160		Open Enclosure, Non-Reversing, Magnetic Starters *(26 29 13 13-0159)*		
26 29 13 13-0161	EA	Size 00, 1 Phase, 2 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SAO11)	686.35	131.16
		For Factory Installed Accessory, Deduct	*-262.31*	
26 29 13 13-0162	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SAO12)	712.59	144.27
		For Factory Installed Accessory, Deduct	*-288.55*	
26 29 13 13-0163	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBO1)	766.42	144.27
		For Factory Installed Accessory, Deduct	*-288.55*	
26 29 13 13-0164	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBO2)	847.58	157.39
		For Factory Installed Accessory, Deduct	*-314.78*	
26 29 13 13-0165	EA	Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBO4)	1,360.91	236.09
		For Factory Installed Accessory, Deduct	*-472.17*	
26 29 13 13-0166	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCO1)	871.75	157.39
		For Factory Installed Accessory, Deduct	*-314.78*	
26 29 13 13-0167	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCO3)	1,022.12	170.51
		For Factory Installed Accessory, Deduct	*-341.01*	
26 29 13 13-0168	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCO2)	1,068.26	170.51
		For Factory Installed Accessory, Deduct	*-341.01*	
26 29 13 13-0169	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDO6)	1,323.26	157.39
		For Factory Installed Accessory, Deduct	*-314.78*	
26 29 13 13-0170	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDO1)	1,504.13	196.74
		For Factory Installed Accessory, Deduct	*-393.48*	
26 29 13 13-0171	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SEO1)	2,324.07	262.31
		For Factory Installed Accessory, Deduct	*-524.63*	
26 29 13 13-0172	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFO1)	4,903.26	393.48
		For Factory Installed Accessory, Deduct	*-786.95*	
26 29 13 13-0173	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SGO1)	11,103.30	524.63
		For Factory Installed Accessory, Deduct	*-1,049.27*	
26 29 13 13-0174	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SHO2)	25,474.19	786.95
		For Factory Installed Accessory, Deduct	*-1,573.90*	
26 29 13 13-0175	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SJO2)	36,701.87	1,180.42
		For Factory Installed Accessory, Deduct	*-2,360.85*	
26 29 13 13-0176		NEMA 1, Non-Reversing, Magnetic Starters *(26 29 13 13-0159)*		
26 29 13 13-0177	EA	Size 00, 1 Phase, 2 Pole, .34 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SAG11)	722.61	131.16
		For Factory Installed Accessory, Deduct	*-262.31*	
26 29 13 13-0178	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SAG12)	748.85	144.27
		For Factory Installed Accessory, Deduct	*-288.55*	
26 29 13 13-0179	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBG1)	802.68	144.27
		For Factory Installed Accessory, Deduct	*-288.55*	
26 29 13 13-0180	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBG2)	883.83	157.39
		For Factory Installed Accessory, Deduct	*-314.78*	
26 29 13 13-0181	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCG1)	906.90	157.39
		For Factory Installed Accessory, Deduct	*-314.78*	
26 29 13 13-0182	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCG3)	989.16	170.51
		For Factory Installed Accessory, Deduct	*-341.01*	
26 29 13 13-0183	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCG2)	1,105.61	170.51
		For Factory Installed Accessory, Deduct	*-341.01*	
26 29 13 13-0184	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDG6)	1,486.94	157.39
		For Factory Installed Accessory, Deduct	*-314.78*	
26 29 13 13-0185	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDG1)	1,667.81	196.74
		For Factory Installed Accessory, Deduct	*-393.48*	
26 29 13 13-0186	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SEG1)	2,643.75	262.31
		For Factory Installed Accessory, Deduct	*-524.63*	
26 29 13 13-0187	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFG1)	5,565.69	393.48
		For Factory Installed Accessory, Deduct	*-786.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0188	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SGG1)	12,313.91	524.63
		For Factory Installed Accessory, Deduct	*-1,049.27*	

26 29 13 13-0189 NEMA 12, Non-Reversing, Magnetic Starters *(26 29 13 13-0159)*

26 29 13 13-0190	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBA1)	990.53	144.27
		For Factory Installed Accessory, Deduct	*-288.55*	
26 29 13 13-0191	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBA2)	1,071.69	157.39
		For Factory Installed Accessory, Deduct	*-314.78*	
26 29 13 13-0192	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCA1)	1,094.76	157.39
		For Factory Installed Accessory, Deduct	*-314.78*	
26 29 13 13-0193	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCA3)	1,177.01	170.51
		For Factory Installed Accessory, Deduct	*-341.01*	
26 29 13 13-0194	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCA2)	1,293.46	170.51
		For Factory Installed Accessory, Deduct	*-341.01*	
26 29 13 13-0195	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDA6)	1,830.79	157.39
		For Factory Installed Accessory, Deduct	*-314.78*	
26 29 13 13-0196	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDA1)	2,010.56	196.74
		For Factory Installed Accessory, Deduct	*-393.48*	
26 29 13 13-0197	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SEA1)	3,049.12	262.31
		For Factory Installed Accessory, Deduct	*-524.63*	
26 29 13 13-0198	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFA1)	6,910.33	393.48
		For Factory Installed Accessory, Deduct	*-786.95*	
26 29 13 13-0199	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SGA1)	15,754.61	524.63
		For Factory Installed Accessory, Deduct	*-1,049.27*	
26 29 13 13-0200	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SHA2)	37,526.51	786.95
		For Factory Installed Accessory, Deduct	*-1,573.90*	

26 29 13 13-0201 NEMA 3R, Non-Reversing, Magnetic Starters *(26 29 13 13-0159)*

26 29 13 13-0202	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBH1)	990.53	144.27
		For Factory Installed Accessory, Deduct	*-288.55*	
26 29 13 13-0203	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBH2)	1,071.69	157.39
		For Factory Installed Accessory, Deduct	*-314.78*	
26 29 13 13-0204	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCH1)	1,094.76	157.39
		For Factory Installed Accessory, Deduct	*-314.78*	
26 29 13 13-0205	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCH3)	1,177.01	170.51
		For Factory Installed Accessory, Deduct	*-341.01*	
26 29 13 13-0206	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCH2)	1,293.46	170.51
		For Factory Installed Accessory, Deduct	*-341.01*	
26 29 13 13-0207	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDH6)	1,830.79	157.39
		For Factory Installed Accessory, Deduct	*-314.78*	
26 29 13 13-0208	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDH1)	2,010.56	196.74
		For Factory Installed Accessory, Deduct	*-393.48*	
26 29 13 13-0209	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SEH1)	3,049.12	262.31
		For Factory Installed Accessory, Deduct	*-524.63*	
26 29 13 13-0210	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFH1)	6,910.33	393.48
		For Factory Installed Accessory, Deduct	*-786.95*	

26 29 13 13-0211 NEMA 3R/4/4X/7/9, Non-Reversing, Magnetic Starters *(26 29 13 13-0159)*

Note: Bolted cast aluminum enclosure.

26 29 13 13-0212	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBT4)	2,807.84	222.97
		For Factory Installed Accessory, Deduct	*-445.93*	
26 29 13 13-0213	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCR1)	3,447.20	222.97
		For Factory Installed Accessory, Deduct	*-445.93*	
26 29 13 13-0214	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCR3)	3,552.53	236.09
		For Factory Installed Accessory, Deduct	*-472.17*	
26 29 13 13-0215	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDR1)	5,497.82	262.31
		For Factory Installed Accessory, Deduct	*-524.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0216	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SET43)	6,630.86	327.89
		For Factory Installed Accessory, Deduct	*-655.79*	
26 29 13 13-0217	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFT41)	10,561.28	459.05
		For Factory Installed Accessory, Deduct	*-918.11*	

26 29 13 13-0218 NEMA 4/4X, Non-Reversing, Magnetic Starters *(26 29 13 13-0159)*

Note: Brushed stainless steel enclosure.

26 29 13 13-0219	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBW11)	1,349.76	144.27
		For Factory Installed Accessory, Deduct	*-288.55*	
26 29 13 13-0220	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBW12)	1,432.02	157.39
		For Factory Installed Accessory, Deduct	*-314.78*	
26 29 13 13-0221	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCW11)	1,470.47	157.39
		For Factory Installed Accessory, Deduct	*-314.78*	
26 29 13 13-0222	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCW13)	1,552.72	170.51
		For Factory Installed Accessory, Deduct	*-341.01*	
26 29 13 13-0223	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 7-1/2 HP At 460/575 Volt, 36 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCW12)	1,669.17	170.51
		For Factory Installed Accessory, Deduct	*-341.01*	
26 29 13 13-0224	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDW16)	2,611.87	157.39
		For Factory Installed Accessory, Deduct	*-314.78*	
26 29 13 13-0225	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SEW11)	4,237.77	262.31
		For Factory Installed Accessory, Deduct	*-524.63*	
26 29 13 13-0226	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFW11)	8,286.83	393.48
		For Factory Installed Accessory, Deduct	*-786.95*	
26 29 13 13-0227	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SGW11)	18,401.04	524.63
		For Factory Installed Accessory, Deduct	*-1,049.27*	

26 29 13 13-0228 NEMA 4X, Non-Reversing, Magnetic Starters *(26 29 13 13-0159)*

Note: Glass polyester enclosure.

26 29 13 13-0229	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDW21)	2,794.93	196.74
		For Factory Installed Accessory, Deduct	*-393.48*	
26 29 13 13-0230	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SEW21)	5,167.15	262.31
		For Factory Installed Accessory, Deduct	*-524.63*	
26 29 13 13-0231	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFW21)	10,163.17	393.48
		For Factory Installed Accessory, Deduct	*-786.95*	

26 29 13 13-0232 NEMA 7/9, Non-Reversing, Magnetic Starters *(26 29 13 13-0159)*

Note: Bolted cast iron enclosure.

26 29 13 13-0233	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBT1)	2,716.80	209.86
		For Factory Installed Accessory, Deduct	*-419.71*	
26 29 13 13-0234	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBT2)	2,807.84	222.97
		For Factory Installed Accessory, Deduct	*-445.93*	
26 29 13 13-0235	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCT1)	2,847.38	222.97
		For Factory Installed Accessory, Deduct	*-445.93*	
26 29 13 13-0236	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCT3)	2,934.05	236.09
		For Factory Installed Accessory, Deduct	*-472.17*	
26 29 13 13-0237	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 36 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCT2)	3,068.07	236.09
		For Factory Installed Accessory, Deduct	*-472.17*	
26 29 13 13-0238	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDT1)	4,504.72	262.31
		For Factory Installed Accessory, Deduct	*-524.63*	

26 29 13 13-0239 Reversing, Magnetic Starters *(26 29 13 13-0083)*

26 29 13 13-0240 Open Enclosure, Reversing, Magnetic Starters *(26 29 13 13-0239)*

26 29 13 13-0241	EA	Size 00, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAO13)	1,289.07	170.51
		For Factory Installed Accessory, Deduct	*-341.01*	
26 29 13 13-0242	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAO16)	1,358.28	170.51
		For Factory Installed Accessory, Deduct	*-341.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0243	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO1)	1,503.15	183.62
		For Factory Installed Accessory, Deduct	*-367.24*	
26 29 13 13-0244	EA	Size 0, 1 Phase, 3 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO2)	1,560.15	196.74
		For Factory Installed Accessory, Deduct	*-393.48*	
26 29 13 13-0245	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO10)	1,598.60	196.74
		For Factory Installed Accessory, Deduct	*-393.48*	
26 29 13 13-0246	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO2)	1,710.52	209.86
		For Factory Installed Accessory, Deduct	*-419.71*	
26 29 13 13-0247	EA	Size 1, 1 Phase, 3 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO3)	1,782.82	229.53
		For Factory Installed Accessory, Deduct	*-459.05*	
26 29 13 13-0248	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO7)	1,822.36	229.53
		For Factory Installed Accessory, Deduct	*-459.05*	
26 29 13 13-0249	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDO1)	3,105.15	262.31
		For Factory Installed Accessory, Deduct	*-524.63*	
26 29 13 13-0250	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SEO1)	5,073.53	393.48
		For Factory Installed Accessory, Deduct	*-786.95*	
26 29 13 13-0251	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SFO1)	11,649.71	590.22
		For Factory Installed Accessory, Deduct	*-1,180.42*	
26 29 13 13-0252	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SGO1)	21,687.45	786.95
		For Factory Installed Accessory, Deduct	*-1,573.90*	
26 29 13 13-0253	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SJO1)	70,172.34	1,442.75
		For Factory Installed Accessory, Deduct	*-2,885.48*	

26 29 13 13-0254 NEMA 1, Reversing, Magnetic Starters *(26 29 13 13-0239)*

26 29 13 13-0255	EA	Size 00, 1 Phase, 2 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG13)	1,328.75	157.39
		For Factory Installed Accessory, Deduct	*-314.78*	
26 29 13 13-0256	EA	Size 00, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG15)	1,387.94	170.51
		For Factory Installed Accessory, Deduct	*-341.01*	
26 29 13 13-0257	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG16)	1,427.49	170.51
		For Factory Installed Accessory, Deduct	*-341.01*	
26 29 13 13-0258	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG1)	1,569.07	183.62
		For Factory Installed Accessory, Deduct	*-367.24*	
26 29 13 13-0259	EA	Size 0, 1 Phase, 3 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG2)	1,628.26	196.74
		For Factory Installed Accessory, Deduct	*-393.48*	
26 29 13 13-0260	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG4)	1,667.81	196.74
		For Factory Installed Accessory, Deduct	*-393.48*	
26 29 13 13-0261	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG2)	1,809.39	209.86
		For Factory Installed Accessory, Deduct	*-419.71*	
26 29 13 13-0262	EA	Size 1, 1 Phase, 3 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG6)	1,881.69	229.53
		For Factory Installed Accessory, Deduct	*-459.05*	
26 29 13 13-0263	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG8)	1,921.23	229.53
		For Factory Installed Accessory, Deduct	*-459.05*	
26 29 13 13-0264	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDG2)	3,362.21	262.31
		For Factory Installed Accessory, Deduct	*-524.63*	
26 29 13 13-0265	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SEG2)	5,518.45	393.48
		For Factory Installed Accessory, Deduct	*-786.95*	
26 29 13 13-0266	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SFG3)	12,467.04	590.22
		For Factory Installed Accessory, Deduct	*-1,180.42*	

26 29 13 13-0267 NEMA 12, Reversing, Magnetic Starters *(26 29 13 13-0239)*

26 29 13 13-0268	EA	Size 0, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBA2)	1,909.49	196.74
		For Factory Installed Accessory, Deduct	*-393.48*	
26 29 13 13-0269	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBA4)	1,949.04	196.74
		For Factory Installed Accessory, Deduct	*-393.48*	
26 29 13 13-0270	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCA4)	2,202.47	229.53
		For Factory Installed Accessory, Deduct	*-459.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0271	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDA1)	3,832.40	262.31
		For Factory Installed Accessory, Deduct	*-524.63*	

26 29 13 13-0272 NEMA 4X, Reversing, Magnetic Starters *(26 29 13 13-0239)*

Note: Brushed stainless steel enclosure.

26 29 13 13-0273	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 4/4X Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBW14)	2,386.27	196.74
		For Factory Installed Accessory, Deduct	*-393.48*	
26 29 13 13-0274	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 4/4X Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCW11)	2,811.28	209.86
		For Factory Installed Accessory, Deduct	*-419.71*	

26 29 13 13-0275 Magnetic Contactor/Starters Accessories *(26 29 13 13-0083)*

26 29 13 13-0276	EA	NEMA 1 Enclosure Start/Stop Push Button Kit, Contactor/Starter Accessory (Square D 9999SA2)	178.11	16.40
		For Factory Installed Accessory, Deduct	*-32.79*	
26 29 13 13-0277	EA	NEMA 12 Enclosure Start/Stop Push Button Kit, Contactor/Starter Accessory (Square D 9999SA3)	302.13	16.40
		For Factory Installed Accessory, Deduct	*-32.79*	
26 29 13 13-0278	EA	NEMA 1 Enclosure Selector Switch Kit, Contactor/Starter Accessory (Square D 9999SC2)	178.11	16.40
		For Factory Installed Accessory, Deduct	*-32.79*	
26 29 13 13-0279	EA	NEMA 12 Enclosure Selector Switch Kit, Contactor/Starter Accessory (Square D 9999SC8)	302.13	16.40
		For Factory Installed Accessory, Deduct	*-32.79*	
26 29 13 13-0280	EA	NEMA 1 And 12 Enclosure Red Pilot Light Kit, Contactor/Starter Accessory (Square D 9999SP2R)	302.13	16.40
		For Factory Installed Accessory, Deduct	*-32.79*	
26 29 13 13-0281	EA	Internal Non-Convertible Contact Block Kit, 1 Contact, Contactor/Starter Accessory (Square D 9999SX11)	150.25	13.12
		For Factory Installed Accessory, Deduct	*-26.23*	
26 29 13 13-0282	EA	External Convertible Field Contact, 1 Contact, Contactor/Starter Accessory (Square D 9999SX6)	133.97	13.12
		For Factory Installed Accessory, Deduct	*-26.23*	
26 29 13 13-0283	EA	External Convertible Field Contacts, 2 Contacts Or 1 Overlapping Contact, Contactor/Starter Accessory (Square D 9999SX8)	178.11	16.40
		For Factory Installed Accessory, Deduct	*-32.79*	
26 29 13 13-0284	EA	External Field Non-Convertible Contact, 1 Contact, Contactor/Starter Accessory (Square D 9999SX13)	150.25	13.12
		For Factory Installed Accessory, Deduct	*-26.23*	
26 29 13 13-0285	EA	External Field Non-Convertible Contacts, 2 Contacts Or 1 Overlapping Contact, Contactor/Starter Accessory (Square D 9999SX15)	200.66	16.40
		For Factory Installed Accessory, Deduct	*-32.79*	
26 29 13 13-0286	EA	30 Amperes, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB6)	224.16	13.12
		For Factory Installed Accessory, Deduct	*-26.23*	
26 29 13 13-0287	EA	45 Amperes, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB11)	385.77	13.12
		For Factory Installed Accessory, Deduct	*-26.23*	
26 29 13 13-0288	EA	60 Amperes, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB21)	409.57	13.12
		For Factory Installed Accessory, Deduct	*-26.23*	
26 29 13 13-0289	EA	30 Amperes, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB8)	490.04	16.40
		For Factory Installed Accessory, Deduct	*-32.79*	
26 29 13 13-0290	EA	45 Amperes, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB13)	854.59	16.40
		For Factory Installed Accessory, Deduct	*-32.79*	
26 29 13 13-0291	EA	60 Amperes, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB23)	854.59	16.40
		For Factory Installed Accessory, Deduct	*-32.79*	
26 29 13 13-0292	EA	Adapter Bracket For Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SBT1)	52.38	9.84
		For Factory Installed Accessory, Deduct	*-19.67*	
26 29 13 13-0293	EA	1 Pole Control Circuit Fuse Holder, Contactor/Starter Accessory (Square D 9999SF3)	106.41	13.12
		For Factory Installed Accessory, Deduct	*-26.23*	
26 29 13 13-0294	EA	2 Pole Control Circuit Fuse Holder, Contactor/Starter Accessory (Square D 9999SF4)	140.53	16.40
		For Factory Installed Accessory, Deduct	*-32.79*	
26 29 13 13-0295	EA	Transient Suppression Module, Contactor/Starter Accessory (Square D 9999ST1)	110.46	16.40
		For Factory Installed Accessory, Deduct	*-32.79*	
26 29 13 13-0296	EA	Terminal Block, Contactor/Starter Accessory (Square D 9999T7)	61.40	9.84
		For Factory Installed Accessory, Deduct	*-19.67*	
26 29 13 13-0297	EA	Closing Plate For NEMA 1 Enclosures, Contactor/Starter Accessory (Square D 9999SG1)	37.59	9.84
		For Factory Installed Accessory, Deduct	*-19.67*	
26 29 13 13-0298	EA	1 Pole Disconnect Switch And Breaker Interlock, Contactor/Starter Accessory (Square D 9999R39)	195.35	13.12
		For Factory Installed Accessory, Deduct	*-26.23*	
26 29 13 13-0299	EA	2 Pole Disconnect Switch And Breaker Interlock, Contactor/Starter Accessory (Square D 9999R40)	337.21	16.40
		For Factory Installed Accessory, Deduct	*-32.79*	

26 29 13 13-0300 Definite Purpose Starters *(26 29 13 13)*

26 29 13 13-0301 Open Enclosure, Definite Purpose Starter *(26 29 13 13-0300)*

26 29 13 13-0302	EA	Open Enclosure, 3 Phase, 3 Pole, 3 HP At 230 Volt, 5 HP At 460/575 Volt, 20 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO13)	641.05	157.39
		For Factory Installed Accessory, Deduct	*-314.78*	
26 29 13 13-0303	EA	Open Enclosure, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO22)	639.95	157.39
		For Factory Installed Accessory, Deduct	*-314.78*	
26 29 13 13-0304	EA	Open Enclosure, 3 Phase, 3 Pole, 7.5 HP At 230 Volt, 10 HP At 460/575 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO23)	692.55	170.51
		For Factory Installed Accessory, Deduct	*-341.01*	
26 29 13 13-0305	EA	Open Enclosure, 1 Phase, 2 Pole, 2 HP At 115 Volt, 5 HP At 230 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO32)	680.60	157.39
		For Factory Installed Accessory, Deduct	*-314.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0306	EA	Open Enclosure, 3 Phase, 3 Pole, 10 HP At 230 Volt, 15 HP At 460/575 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO33)	739.79	170.51
		For Factory Installed Accessory, Deduct	*-341.01*	
26 29 13 13-0307	EA	Open Enclosure, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO42)	715.75	157.39
		For Factory Installed Accessory, Deduct	*-314.78*	
26 29 13 13-0308	EA	Open Enclosure, 3 Phase, 3 Pole, 10 HP At 230 Volt, 20 HP At 460/575 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO43)	831.81	196.74
		For Factory Installed Accessory, Deduct	*-393.48*	
26 29 13 13-0309	EA	Open Enclosure, 1 Phase, 2 Pole, 3 HP At 115 Volt, 10 HP At 230 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO52)	922.99	196.74
		For Factory Installed Accessory, Deduct	*-393.48*	
26 29 13 13-0310	EA	Open Enclosure, 3 Phase, 3 Pole, 15 HP At 230 Volt, 30 HP At 460/575 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO53)	1,159.93	229.53
		For Factory Installed Accessory, Deduct	*-459.05*	

26 29 13 13-0311 NEMA 1, Definite Purpose Starter *(26 29 13 13-0300)*

26 29 13 13-0312	EA	NEMA 1, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 20 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG12)	653.27	144.27
		For Factory Installed Accessory, Deduct	*-288.55*	
26 29 13 13-0313	EA	NEMA 1, 3 Phase, 3 Pole, 3 HP At 230 Volt, 5 HP At 460/575 Volt, 20 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG13)	705.87	157.39
		For Factory Installed Accessory, Deduct	*-314.78*	
26 29 13 13-0314	EA	NEMA 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG22)	703.67	157.39
		For Factory Installed Accessory, Deduct	*-314.78*	
26 29 13 13-0315	EA	NEMA 1, 3 Phase, 3 Pole, 7.5 HP At 230 Volt, 10 HP At 460/575 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG23)	759.56	170.51
		For Factory Installed Accessory, Deduct	*-341.01*	
26 29 13 13-0316	EA	NEMA 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 5 HP At 230 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG32)	745.42	157.39
		For Factory Installed Accessory, Deduct	*-314.78*	
26 29 13 13-0317	EA	NEMA 1, 3 Phase, 3 Pole, 10 HP At 230 Volt, 15 HP At 460/575 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG33)	805.70	170.51
		For Factory Installed Accessory, Deduct	*-341.01*	
26 29 13 13-0318	EA	NEMA 1, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG42)	782.77	157.39
		For Factory Installed Accessory, Deduct	*-314.78*	
26 29 13 13-0319	EA	NEMA 1, 3 Phase, 3 Pole, 10 HP At 230 Volt, 20 HP At 460/575 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG43)	897.72	196.74
		For Factory Installed Accessory, Deduct	*-393.48*	
26 29 13 13-0320	EA	NEMA 1, 1 Phase, 2 Pole, 3 HP At 115 Volt, 10 HP At 230 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG52)	985.60	196.74
		For Factory Installed Accessory, Deduct	*-393.48*	
26 29 13 13-0321	EA	NEMA 1, 3 Phase, 3 Pole, 15 HP At 230 Volt, 30 HP At 460/575 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG53)	1,223.65	229.53
		For Factory Installed Accessory, Deduct	*-459.05*	

26 29 13 13-0322 Definite Purpose Starter Accessory *(26 29 13 13-0300)*

26 29 13 13-0323	EA	Start-Stop Push Button Kit, Definite Purpose Starter Accessory Note: Or Hand-Off-Auto Selector Switch Kit	200.66	16.40
		For Factory Installed Accessory, Deduct	*-32.79*	

26 29 13 13-0324 Panel Mounted Miniature Contactor *(26 29 13 13)*

26 29 13 13-0325 Non-Reversing, Panel Mounted Miniature Contactor *(26 29 13 13-0324)*

26 29 13 13-0326	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, AC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LC1K)	193.78	65.58
26 29 13 13-0327	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LC1K)	226.66	72.14
26 29 13 13-0328	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LC1K)	226.66	72.14
26 29 13 13-0329	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, AC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LC1K)	251.87	78.70
26 29 13 13-0330	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, DC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	213.55	65.58
26 29 13 13-0331	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, DC Coil With Integral Suppression, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	224.54	65.58
26 29 13 13-0332	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	245.34	72.14
26 29 13 13-0333	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil With Integral Suppression, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	256.32	72.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0334	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	251.93	72.14
26 29 13 13-0335	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil With Integral Suppression, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	256.32	72.14
26 29 13 13-0336	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	273.84	78.70
26 29 13 13-0337	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil With Integral Suppression, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	262.91	72.14
26 29 13 13-0338	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Coil With Integral Suppression, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	284.82	78.70
26 29 13 13-0339	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP4K)	265.11	72.14
26 29 13 13-0340	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP4K)	265.11	72.14
26 29 13 13-0341	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP4K)	295.81	78.70
26 29 13 13-0342	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP4K)	295.81	78.70
26 29 13 13-0343		**Reversing, Panel Mounted Miniature Contactor** *(26 29 13 13-0324)*		
26 29 13 13-0344	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	273.97	65.58
26 29 13 13-0345	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, AC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	295.94	65.58
26 29 13 13-0346	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	327.73	72.14
26 29 13 13-0347	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	327.73	72.14
26 29 13 13-0348	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	349.70	72.14
26 29 13 13-0349	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	367.22	78.70
26 29 13 13-0350	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 12 Amperes, 20 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	367.22	78.70
26 29 13 13-0351	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	314.62	65.58
26 29 13 13-0352	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	336.59	65.58
26 29 13 13-0353	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	366.18	72.14
26 29 13 13-0354	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	388.15	72.14
26 29 13 13-0355	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	412.26	78.70
26 29 13 13-0356	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	434.23	78.70
26 29 13 13-0357	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K)	354.10	72.14
26 29 13 13-0358	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K)	405.73	72.14
26 29 13 13-0359	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K)	458.40	78.70
26 29 13 13-0360		**Panel Mounted Miniature Contactor Accessories** *(26 29 13 13-0324)*		
26 29 13 13-0361	EA	2 Auxiliary Contacts, 10 Amperes, Panel Mounted Miniature Contactor Accessory (Square D LA1KN02)	82.83	32.79
26 29 13 13-0362	EA	4 Auxiliary Contacts, 10 Amperes, Panel Mounted Miniature Contactor Accessory (Square D LA1KN40)	91.31	32.79
26 29 13 13-0363	EA	Electronic Time Delay Contact, 2 Amperes, Panel Mounted Miniature Contactor Accessory (Square D LA2KT2U)	106.67	32.79
26 29 13 13-0364	EA	Overload Relay, Panel Mounted Miniature Contactor Accessory (Square D LR2K0301)	137.22	32.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0365		**Reduced Voltage Auto Transformer Type 240-600 Volt, 3 Pole** *(26 29 13 13)*		
26 29 13 13-0366		**NEMA 1 Enclosure** *(26 29 13 13-0365)*		
26 29 13 13-0367	EA	Reduced Voltage Auto Transformer Starter, Size 3, 50 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	7,786.95	628.61
		For NEMA 4, Add	*812.88*	
26 29 13 13-0368	EA	Reduced Voltage Auto Transformer Starter, Size 4, 100 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	13,557.20	838.14
		For NEMA 4, Add	*1,484.78*	
26 29 13 13-0369	EA	Reduced Voltage Auto Transformer Starter, Size 5, 200 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	23,663.82	995.30
		For NEMA 4, Add	*2,709.95*	
26 29 13 13-0370	EA	Reduced Voltage Auto Transformer Starter, Size 6, 300 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	57,532.27	1,217.93
		For NEMA 4, Add	*6,888.39*	
26 29 13 13-0371	EA	Reduced Voltage Auto Transformer Starter, Size 7, 600 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	91,734.51	1,558.43
		For NEMA 4, Add	*11,077.05*	
26 29 13 13-0372		**NEMA 12 Enclosure** *(26 29 13 13-0365)*		
26 29 13 13-0373	EA	Reduced Voltage Auto Transformer Starter, Size 3, 50 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	7,732.78	641.96
26 29 13 13-0374	EA	Reduced Voltage Auto Transformer Starter, Size 4, 100 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	13,458.27	839.46
26 29 13 13-0375	EA	Reduced Voltage Auto Transformer Starter, Size 5, 200 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	23,483.24	992.16
26 29 13 13-0376	EA	Reduced Voltage Auto Transformer Starter, Size 6, 300 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	57,073.26	1,212.56
26 29 13 13-0377	EA	Reduced Voltage Auto Transformer Starter, Size 7, 600 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	90,996.39	1,559.08
26 29 13 13-0378		**Factory Modifications Pilot Devices** *(26 29 13 13-0365)*		
26 29 13 13-0379	EA	Start-Stop Push-button, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	191.52	
26 29 13 13-0380	EA	H-O-A Select Switch, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	211.22	
26 29 13 13-0381	EA	Forward-Reverse-Stop, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	359.54	
26 29 13 13-0382	EA	Pilot Light, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	195.35	
26 29 13 13-0383	EA	Fused Control Circuit, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	280.89	
26 29 13 13-0384	EA	Auxiliary Interlock, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	140.44	
26 29 13 13-0385	EA	Auxiliary Relay, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	458.40	
26 29 13 13-0386		**Factory Modifications Meters** *(26 29 13 13-0365)*		
26 29 13 13-0387	EA	Ammeter And Switch, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	1,842.64	
26 29 13 13-0388	EA	Voltmeter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	1,779.73	
26 29 13 13-0389	EA	Wattmeter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	629.19	
26 29 13 13-0390	EA	Elapsed-time Meter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	521.35	
26 29 13 13-0391		**Factory Modifications Main Circuit Breakers** *(26 29 13 13-0365)*		
26 29 13 13-0392	EA	Reduced Voltage Auto Transformer Starter, Size 3, Circuit Breaker, Factory Modification Main Circuit Breaker	2,435.31	
26 29 13 13-0393	EA	Reduced Voltage Auto Transformer Starter, Size 4, Circuit Breaker, Factory Modification Main Circuit Breaker	4,453.89	
26 29 13 13-0394	EA	Reduced Voltage Auto Transformer Starter, Size 5-7, Circuit Breaker, Factory Modification Main Circuit Breaker	9,473.85	
26 29 13 13-0395		**Factory Modifications Addition** *(26 29 13 13-0365)*		
		Note: For reversing service auto transformer type.		
26 29 13 13-0396	EA	Reduced Voltage Auto Transformer Starter, Size 3, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	408.99	
26 29 13 13-0397	EA	Reduced Voltage Auto Transformer Starter, Size 4, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	408.99	
26 29 13 13-0398	EA	Reduced Voltage Auto Transformer Starter, Size 5, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	408.99	
26 29 13 13-0399	EA	Reduced Voltage Auto Transformer Starter, Size 6, 7, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	408.99	
26 29 13 13-0400		**Combination Starters Non-Reversing** *(26 29 13 13)*		
26 29 13 13-0401		**240-600 Volt, 3-Pole** *(26 29 13 13-0400)*		
26 29 13 13-0402		**NEMA 1 With Disconnect (Safety) Switch** *(26 29 13 13-0401)*		
26 29 13 13-0403	EA	Combination Starter, Size 0, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	1,820.42	301.21
		For Electronic Overloads, Add	*230.68*	
26 29 13 13-0404	EA	Combination Starter, Size 1, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	2,229.82	471.45
		For Electronic Overloads, Add	*243.36*	
26 29 13 13-0405	EA	Combination Starter, Size 2, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	3,119.30	550.04
		For Electronic Overloads, Add	*385.31*	
26 29 13 13-0406	EA	Combination Starter, Size 3, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	4,739.68	680.99
		For Electronic Overloads, Add	*641.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0407	EA	Combination Starter, Size 4, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	8,693.54	1,086.97
		For Electronic Overloads, Add	*1,237.06*	
26 29 13 13-0408	EA	Combination Starter, Size 5, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	17,346.65	1,361.99
		For Electronic Overloads, Add	*2,777.48*	

26 29 13 13-0409 NEMA 1 With Circuit Breaker *(26 29 13 13-0401)*

26 29 13 13-0410	EA	Combination Starter, Size 0, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,300.73	301.21
		For Electronic Overloads, Add	*321.94*	
26 29 13 13-0411	EA	Combination Starter, Size 1, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,710.13	471.45
		For Electronic Overloads, Add	*334.62*	
26 29 13 13-0412	EA	Combination Starter, Size 2, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,586.27	550.04
		For Electronic Overloads, Add	*474.04*	
26 29 13 13-0413	EA	Combination Starter, Size 3, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	4,993.18	680.99
		For Electronic Overloads, Add	*689.51*	
26 29 13 13-0414	EA	Combination Starter, Size 4, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	10,147.81	1,086.97
		For Electronic Overloads, Add	*1,513.37*	
26 29 13 13-0415	EA	Combination Starter, Size 5, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	21,202.47	1,361.99
		For Electronic Overloads, Add	*3,510.08*	

26 29 13 13-0416 Factory Modifications For NEMA 1 Enclosure *(26 29 13 13-0401)*

26 29 13 13-0417	EA	Start-Stop Push-button, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt	218.73	
26 29 13 13-0418	EA	H-O-A Select Switch, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt	513.74	
26 29 13 13-0419	EA	Pilot Light, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt	354.57	

26 29 13 13-0420 NEMA 4 With Disconnect (Safety) Switch *(26 29 13 13-0401)*

26 29 13 13-0421	EA	Combination Starter, Size 0, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	3,303.33	392.88
		For Electronic Overloads, Add	*474.04*	
26 29 13 13-0422	EA	Combination Starter, Size 1, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	3,652.98	550.04
		For Electronic Overloads, Add	*486.71*	
26 29 13 13-0423	EA	Combination Starter, Size 2, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	5,215.18	602.42
		For Electronic Overloads, Add	*760.49*	
26 29 13 13-0424	EA	Combination Starter, Size 3, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	8,272.85	733.38
		For Electronic Overloads, Add	*1,295.37*	
26 29 13 13-0425	EA	Combination Starter, Size 4, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	13,096.38	1,086.97
		For Electronic Overloads, Add	*2,073.60*	
26 29 13 13-0426	EA	Combination Starter, Size 5, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	28,580.56	1,361.99
		For Electronic Overloads, Add	*4,911.92*	

26 29 13 13-0427 NEMA 4 With Circuit Breaker *(26 29 13 13-0401)*

26 29 13 13-0428	EA	Combination Starter, Size 0, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,783.64	392.88
		For Electronic Overloads, Add	*565.30*	
26 29 13 13-0429	EA	Combination Starter, Size 1, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	4,133.29	550.04
		For Electronic Overloads, Add	*577.97*	
26 29 13 13-0430	EA	Combination Starter, Size 2, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	5,682.15	602.42
		For Electronic Overloads, Add	*849.21*	
26 29 13 13-0431	EA	Combination Starter, Size 3, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	8,526.34	733.38
		For Electronic Overloads, Add	*1,343.53*	
26 29 13 13-0432	EA	Combination Starter, Size 4, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	14,550.65	1,086.97
		For Electronic Overloads, Add	*2,349.91*	
26 29 13 13-0433	EA	Combination Starter, Size 5, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	27,072.92	1,361.99
		For Electronic Overloads, Add	*4,625.47*	

26 29 13 13-0434 Factory Modifications For NEMA 4 Enclosure *(26 29 13 13-0401)*

26 29 13 13-0435	EA	Start-Stop Push-button, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt	218.76	
26 29 13 13-0436	EA	H-0-A Select Switch, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt	513.74	
26 29 13 13-0437	EA	Pilot Light, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt	354.57	

26 29 13 13-0438 NEMA 12 With Disconnect (Safety) Switch *(26 29 13 13-0401)*

26 29 13 13-0439	EA	Combination Starter, Size 0, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	1,881.12	303.17
		For Electronic Overloads, Add	*242.22*	
26 29 13 13-0440	EA	Combination Starter, Size 1, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	2,293.85	474.47
		For Electronic Overloads, Add	*255.52*	
26 29 13 13-0441	EA	Combination Starter, Size 2, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	3,220.70	545.72
		For Electronic Overloads, Add	*404.58*	
26 29 13 13-0442	EA	Combination Starter, Size 3, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	4,908.45	682.05
		For Electronic Overloads, Add	*673.41*	
26 29 13 13-0443	EA	Combination Starter, Size 4, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	9,019.08	1,091.42
		For Electronic Overloads, Add	*1,298.92*	
26 29 13 13-0444	EA	Combination Starter, Size 5, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	18,077.55	1,364.08
		For Electronic Overloads, Add	*2,916.35*	

26 29 13 13-0445 NEMA 12 With Circuit Breaker *(26 29 13 13-0401)*

26 29 13 13-0446	EA	Combination Starter, Size 0, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,454.64	303.17
		For Electronic Overloads, Add	*351.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0447	EA	Combination Starter, Size 1, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,870.10	474.47
		For Electronic Overloads, Add	*365.01*	
26 29 13 13-0448	EA	Combination Starter, Size 2, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,812.91	545.72
		For Electronic Overloads, Add	*517.10*	
26 29 13 13-0449	EA	Combination Starter, Size 3, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	5,322.83	682.05
		For Electronic Overloads, Add	*752.15*	
26 29 13 13-0450	EA	Combination Starter, Size 4, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	10,871.35	1,091.42
		For Electronic Overloads, Add	*1,650.85*	
26 29 13 13-0451	EA	Combination Starter, Size 5, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	22,880.62	1,364.08
		For Electronic Overloads, Add	*3,828.93*	
26 29 13 13-0452		**Factory Modifications For NEMA 12 Enclosure** *(26 29 13 13-0401)*		
26 29 13 13-0453	EA	Start-Stop Push-button, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt	216.94	
26 29 13 13-0454	EA	H-O-A Select Switch, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt	509.47	
26 29 13 13-0455	EA	Pilot Light, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt	351.62	
26 29 13 13-0456		**NEMA 7 Or 9 With Circuit Breaker** *(26 29 13 13-0401)*		
26 29 13 13-0457	EA	Combination Starter, Size 0, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	4,301.52	628.61
26 29 13 13-0458	EA	Combination Starter, Size 1, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	5,825.45	838.14
26 29 13 13-0459	EA	Combination Starter, Size 2, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	6,373.97	1,152.45
26 29 13 13-0460	EA	Combination Starter, Size 3, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	9,447.47	1,571.53
26 29 13 13-0461	EA	Combination Starter, Size 4, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	14,207.54	2,200.13
26 29 13 13-0462		**Factory Modifications For NEMA 7 Or 9 Enclosure** *(26 29 13 13-0401)*		
26 29 13 13-0463	EA	Start-Stop Push-button, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt	1,300.81	
26 29 13 13-0464	EA	H-0-A Select Switch, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt	1,300.81	
26 29 13 13-0465	EA	Pilot Light, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt	1,300.81	
26 29 13 13-0466		**Combination Starters Reversing** *(26 29 13 13)*		
26 29 13 13-0467		**240-600 Volt, 3 Pole** *(26 29 13 13-0466)*		
26 29 13 13-0468		**NEMA 1 With Disconnect (Safety) Switch** *(26 29 13 13-0467)*		
26 29 13 13-0469	EA	Combination Starter, Size 0, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	2,255.23	392.88
26 29 13 13-0470	EA	Combination Starter, Size 1, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	2,635.05	550.04
26 29 13 13-0471	EA	Combination Starter, Size 2, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	3,793.01	602.42
26 29 13 13-0472	EA	Combination Starter, Size 3, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	5,731.04	733.38
26 29 13 13-0473	EA	Combination Starter, Size 4, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	11,138.21	1,086.97
26 29 13 13-0474		**NEMA 1 With Circuit Breaker** *(26 29 13 13-0467)*		
26 29 13 13-0475	EA	Combination Starter, Size 0, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	2,508.65	392.88
26 29 13 13-0476	EA	Combination Starter, Size 1, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	2,905.57	550.04
26 29 13 13-0477	EA	Combination Starter, Size 2, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	4,109.69	602.42
26 29 13 13-0478	EA	Combination Starter, Size 3, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	5,295.05	733.38
26 29 13 13-0479	EA	Combination Starter, Size 4, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	11,994.80	1,086.97
26 29 13 13-0480		**NEMA 12 With Disconnect (Safety) Switch** *(26 29 13 13-0467)*		
26 29 13 13-0481	EA	Combination Starter, Size 0, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	2,402.59	404.28
26 29 13 13-0482	EA	Combination Starter, Size 1, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	2,792.29	545.72
26 29 13 13-0483	EA	Combination Starter, Size 2, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	4,055.84	606.35
26 29 13 13-0484	EA	Combination Starter, Size 3, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	6,166.57	727.62
26 29 13 13-0485	EA	Combination Starter, Size 4, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	12,050.38	1,091.42
26 29 13 13-0486		**NEMA 12 With Circuit Breaker** *(26 29 13 13-0467)*		
26 29 13 13-0487	EA	Combination Starter, Size 0, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	2,681.83	404.28
26 29 13 13-0488	EA	Combination Starter, Size 1, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	3,090.37	545.72
26 29 13 13-0489	EA	Combination Starter, Size 2, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	4,404.78	606.35
26 29 13 13-0490	EA	Combination Starter, Size 3, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	5,686.17	727.62
26 29 13 13-0491	EA	Combination Starter, Size 4, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	12,994.22	1,091.42
26 29 13 13-0492		**NEMA 7 Or 9 With Circuit Breaker** *(26 29 13 13-0467)*		
26 29 13 13-0493	EA	Combination Starter, Size 0, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	5,227.74	838.14
26 29 13 13-0494	EA	Combination Starter, Size 1, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	5,638.52	1,047.68
26 29 13 13-0495	EA	Combination Starter, Size 2, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	8,086.11	1,361.99
26 29 13 13-0496	EA	Combination Starter, Size 3, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	12,808.85	1,781.06
26 29 13 13-0497	EA	Combination Starter, Size 4, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	23,258.31	2,409.67
26 29 13 13-0498		**Solid State Motor Controllers** *(26 29 13 13)*		
26 29 13 13-0499		**Adjustable Voltage Drives, DC Motors** *(26 29 13 13-0498)*		
26 29 13 13-0500	EA	0.5-1.5 HP DC Solid State Motor Controller, Reversing With Dynamic Braking	1,777.66	235.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0501	EA	0.5-2.0 HP DC Solid State Motor Controller, Non-Reversing With Dynamic Braking	2,132.28	235.73
26 29 13 13-0502		**Removal And Reinstallation Of Motor Starters** *(26 29 13 13)* Note: Includes storage and cleaning.		
26 29 13 13-0503	EA	Removal And Reinstallation Of Up To 25 HP Motor Starter With Disconnect	935.43	
26 29 13 13-0504		**Auxiliary Devices** *(26 29 13 13)*		
26 29 13 13-0505	EA	Normally Open, Auxiliary Contact	538.01	130.96
26 29 13 13-0506	EA	Normally Closed, Auxiliary Contact	538.01	130.96
26 29 13 13-0507	EA	Pilot Light Kit	565.88	130.96
26 29 23		**Variable-Frequency Motor Controllers** *(26 29)*		
26 29 23 00-0001		**208/230 Volt, Ultra Low Harmonic (ULH) Variable Frequency Drives** *(26 29 23)* Note: 1 or 3 phase. Wall mounted. ABB ACH580 Series. Includes full voltage bypass with main input circuit breaker. NEMA 1 enclosure.		
26 29 23 00-0002	EA	3/4 HP, 208/230 Volt Variable Frequency Drive	2,229.87	468.91
		For 6-Pulse Drive Package, Deduct	*-710.56*	
26 29 23 00-0003	EA	1 HP, 208/230 Volt Variable Frequency Drive	2,507.57	512.50
		For 6-Pulse Drive Package, Deduct	*-818.03*	
26 29 23 00-0004	EA	1-1/2 HP, 208/230 Volt Variable Frequency Drive	2,908.62	563.52
		For 6-Pulse Drive Package, Deduct	*-979.86*	
26 29 23 00-0005	EA	2 HP, 208/230 Volt Variable Frequency Drive	3,056.86	541.67
		For 6-Pulse Drive Package, Deduct	*-1,085.44*	
26 29 23 00-0006	EA	3 HP, 208/230 Volt Variable Frequency Drive	3,278.80	590.57
		For 6-Pulse Drive Package, Deduct	*-1,153.71*	
26 29 23 00-0007	EA	5 HP, 208/230 Volt Variable Frequency Drive	3,537.41	590.57
		For 6-Pulse Drive Package, Deduct	*-1,295.95*	
26 29 23 00-0008	EA	7.5 HP, 208/230 Volt Variable Frequency Drive	4,226.31	705.14
		For 6-Pulse Drive Package, Deduct	*-1,548.82*	
26 29 23 00-0009	EA	10 HP, 208/230 Volt Variable Frequency Drive	4,599.86	705.14
		For 6-Pulse Drive Package, Deduct	*-1,754.27*	
26 29 23 00-0010	EA	15 HP, 208/230 Volt Variable Frequency Drive	6,088.88	1,061.73
		For 6-Pulse Drive Package, Deduct	*-2,180.99*	
26 29 23 00-0011	EA	20 HP, 208/230 Volt Variable Frequency Drive	7,123.34	1,061.73
		For 6-Pulse Drive Package, Deduct	*-2,749.94*	
26 29 23 00-0012	EA	25 HP, 208/230 Volt Variable Frequency Drive	8,711.37	1,410.40
		For 6-Pulse Drive Package, Deduct	*-3,239.87*	
26 29 23 00-0013	EA	30 HP, 208/230 Volt Variable Frequency Drive	10,004.44	1,410.40
		For 6-Pulse Drive Package, Deduct	*-3,951.06*	
26 29 23 00-0014	EA	40 HP, 208/230 Volt Variable Frequency Drive	11,125.11	1,410.40
		For 6-Pulse Drive Package, Deduct	*-4,567.43*	
26 29 23 00-0015	EA	50 HP, 208/230 Volt Variable Frequency Drive	14,657.45	1,782.93
		For 6-Pulse Drive Package, Deduct	*-6,100.44*	
26 29 23 00-0016	EA	60 HP, 208/230 Volt Variable Frequency Drive	17,666.32	2,109.17
		For 6-Pulse Drive Package, Deduct	*-7,396.39*	
26 29 23 00-0017	EA	75 HP, 208/230 Volt Variable Frequency Drive	19,965.12	2,109.17
		For 6-Pulse Drive Package, Deduct	*-8,660.73*	
26 29 23 00-0018		**460/480 Volt, Ultra Low Harmonic (ULH) Variable Frequency Drives** *(26 29 23)* Note: 3 Phase. ABB ACH580 Series. Includes full voltage bypass with main circuit breaker. NEMA 1 enclosure.		
26 29 23 00-0019	EA	3 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	5,250.52	843.69
		For 6-Pulse Drive Package, Deduct	*-1,959.73*	
26 29 23 00-0020	EA	5 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	5,422.93	843.69
		For 6-Pulse Drive Package, Deduct	*-2,054.55*	
26 29 23 00-0021	EA	7.5 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	5,947.12	1,005.27
		For 6-Pulse Drive Package, Deduct	*-2,165.19*	
26 29 23 00-0022	EA	10 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	5,975.85	1,005.27
		For 6-Pulse Drive Package, Deduct	*-2,180.99*	
26 29 23 00-0023	EA	15 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	8,047.94	1,524.03
		For 6-Pulse Drive Package, Deduct	*-2,749.94*	
26 29 23 00-0024	EA	20 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	8,450.23	1,524.03
		For 6-Pulse Drive Package, Deduct	*-2,971.20*	
26 29 23 00-0025	EA	25 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	10,198.99	2,010.54
		For 6-Pulse Drive Package, Deduct	*-3,397.91*	
26 29 23 00-0026	EA	30 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	11,635.75	2,010.54
		For 6-Pulse Drive Package, Deduct	*-4,188.13*	
26 29 23 00-0027	EA	40 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	13,129.97	2,010.54
		For 6-Pulse Drive Package, Deduct	*-5,009.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 23 00-0028	EA	50 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	17,176.31	2,553.87
		For 6-Pulse Drive Package, Deduct	*-6,637.79*	
26 29 23 00-0029	EA	60 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	22,838.37	3,028.57
		For 6-Pulse Drive Package, Deduct	*-9,229.68*	
26 29 23 00-0030	EA	75 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	24,217.65	3,028.57
		For 6-Pulse Drive Package, Deduct	*-9,988.29*	
26 29 23 00-0031	EA	100 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	28,013.30	3,374.76
		For 6-Pulse Drive Package, Deduct	*-11,695.15*	
26 29 23 00-0032	EA	125 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	29,507.52	3,374.76
		For 6-Pulse Drive Package, Deduct	*-12,516.97*	
26 29 23 00-0033	EA	150 HP, 460/480 Volt Variable Frequency Drive Note: Floor mounted.	32,610.90	3,374.76
		For 6-Pulse Drive Package, Deduct	*-14,223.83*	
26 29 23 00-0034	EA	200 HP, 460/480 Volt Variable Frequency Drive Note: Floor mounted.	37,685.45	4,072.93
		For 6-Pulse Drive Package, Deduct	*-16,246.77*	
26 29 23 00-0035	EA	250 HP, 460/480 Volt Variable Frequency Drive Note: Floor mounted.	46,995.93	4,254.71
		For 6-Pulse Drive Package, Deduct	*-21,167.58*	
26 29 23 00-0036	EA	300 HP, 460/480 Volt Variable Frequency Drive Note: Floor mounted.	55,096.60	4,882.13
		For 6-Pulse Drive Package, Deduct	*-24,932.79*	
26 29 23 00-0037	EA	350 HP, 460/480 Volt Variable Frequency Drive Note: Floor mounted.	63,323.09	5,294.82
		For 6-Pulse Drive Package, Deduct	*-29,003.33*	
26 29 23 00-0038	EA	400 HP, 460/480 Volt Variable Frequency Drive Note: Floor mounted.	73,310.17	5,717.32
		For 6-Pulse Drive Package, Deduct	*-34,031.61*	
26 29 23 00-0039	EA	450 HP, 460/480 Volt Variable Frequency Drive Note: Floor mounted.	79,017.70	6,199.82
		For 6-Pulse Drive Package, Deduct	*-36,639.94*	

26 29 33 Controllers for Fire Pump Drivers *(26 29)*

26 29 33 13 Full-Service Controllers for Fire Pump Electric-Motor Drivers *(26 29 33)*

26 29 33 13-0001 Electric Controllers For Fire Pumps *(26 29 33 13)*

26 29 33 13-0002 Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller *(26 29 33 13-0001)*

26 29 33 13-0003	EA	30 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	23,722.19	267.13
26 29 33 13-0004	EA	40 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	26,855.66	296.81
26 29 33 13-0005	EA	50 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	28,161.45	326.50
26 29 33 13-0006	EA	75 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	32,106.18	356.18
26 29 33 13-0007	EA	150 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	33,934.48	415.54
26 29 33 13-0008	EA	175 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	36,192.32	534.27
26 29 33 13-0009	EA	200 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	39,232.84	593.63
26 29 33 13-0010	EA	250 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	44,869.67	676.74
26 29 33 13-0011	EA	300 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	54,052.77	730.16
26 29 33 13-0012	EA	350 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	63,517.32	831.08
26 29 33 13-0013	EA	400 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	75,758.42	890.44
26 29 33 13-0014	EA	500 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	85,512.88	949.81

26 29 33 19 Controllers for Fire Pump Diesel Engine Drivers *(26 29 33)*

See CSI section 26 29 33 13-0000 for controllers for fire pump diesel engine drivers.

26 30 Facility Electrical Power Generating and Storing Equipment *(26)*

26 31 Photovoltaic Collectors *(26 30)*

26 31 00 00-0001 Photovoltaic Collectors *(26 31)*

26 31 00 00-0002	EA	90 Watt Solar Panel (Ameresco VLS-90T) Note: 47.40" x 21.10" x 2"	533.37	124.41
26 31 00 00-0003	EA	140 Watt Solar Panel (Ameresco VLS-140T) Note: 59.20" x 26.50" x 2"	651.24	124.41
26 31 00 00-0004	EA	1 Panel, 40 To 90 Watt, Side Of Pole Mounting (SPM) (Ameresco 1X-SPM)	311.70	32.74
26 31 00 00-0005	EA	1 Panel, 125 To 150 Watt, Side Of Pole Mounting (SPM) (Ameresco 1X-SPM)	343.19	32.74

26 31 00 00-0006 Rigid Photovoltaic Modules *(26 31)*

26 31 00 00-0007 Sanyo Rigid Photovoltaic Modules *(26 31 00 00-0006)*

26 31 00 00-0008	EA	205 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 16.3% Module Efficiency (Sanyo HIP-205NHKA6)	2,318.93	124.41
		For >25 To 50, Deduct	*-167.70*	
		For >50 To 100, Deduct	*-225.67*	
		For >100, Deduct	*-335.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0009	EA	210 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 16.7% Module Efficiency (Sanyo HIP-210NHKA6)	2,431.14	124.41
		For >25 To 50, Deduct	*-176.11*	
		For >50 To 100, Deduct	*-236.89*	
		For >100, Deduct	*-352.23*	
26 31 00 00-0010	EA	215 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 17.1% Module Efficiency (Sanyo HIP-215HNKA6)	2,274.91	124.41
		For >25 To 50, Deduct	*-164.40*	
		For >50 To 100, Deduct	*-221.27*	
		For >100, Deduct	*-328.80*	

26 31 00 00-0011 Sharp Rigid Photovoltaic Modules *(26 31 00 00-0006)*

26 31 00 00-0012	EA	224 Watt Polycrystalline Photovoltaic Module, 64.6" x 39.1", 13.74% Module Efficiency (Sharp ND-224UC1)	1,813.65	124.41
		For >25 To 50, Deduct	*-129.80*	
		For >50 To 100, Deduct	*-175.14*	
		For >100, Deduct	*-259.61*	
26 31 00 00-0013	EA	230 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.1% Module Efficiency (Sharp NU-U230F3)	2,064.12	124.41
		For >25 To 50, Deduct	*-148.59*	
		For >50 To 100, Deduct	*-200.19*	
		For >100, Deduct	*-297.18*	
26 31 00 00-0014	EA	235 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.4% Module Efficiency (Sharp NU-U235F1)	2,103.80	124.41
		For >25 To 50, Deduct	*-151.56*	
		For >50 To 100, Deduct	*-204.16*	
		For >100, Deduct	*-303.13*	
26 31 00 00-0015	EA	240 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.7% Module Efficiency (Sharp NU-U240F1)	1,979.80	124.41
		For >25 To 50, Deduct	*-142.26*	
		For >50 To 100, Deduct	*-191.76*	
		For >100, Deduct	*-284.53*	

26 31 00 00-0016 BP Solar Rigid Photovoltaic Modules *(26 31 00 00-0006)*

Note: Approved for applications in NEC Class 1, Division 2, Groups C and D hazardous locations.

26 31 00 00-0017	EA	50 Watt Polycrystalline Photovoltaic Module, 33" x 21.1" (BP SX350J)	891.00	124.41
		For >25 To 50, Deduct	*-60.60*	
		For >50 To 100, Deduct	*-82.88*	
		For >100, Deduct	*-121.21*	
26 31 00 00-0018	EA	75 Watt Polycrystalline Photovoltaic Module, 47.6" x 21.14" (BP SX375J)	1,101.79	124.41
		For >25 To 50, Deduct	*-76.41*	
		For >50 To 100, Deduct	*-103.96*	
		For >100, Deduct	*-152.83*	
26 31 00 00-0019	EA	80 Watt Polycrystalline Photovoltaic Module, 47.6" x 20.9" (BP SX380J)	1,186.11	124.41
		For >25 To 50, Deduct	*-82.74*	
		For >50 To 100, Deduct	*-112.39*	
		For >100, Deduct	*-165.48*	

26 31 00 00-0020 Solarflexion Solar Rigid Photovoltaic Modules *(26 31 00 00-0006)*

26 31 00 00-0021	EA	450 Watt 144 ½ cells BoW Monocrystalline Solar Panel (SolarFlexion PS450M4H-24TH)	700.14	124.41
		For >25 To 50, Deduct	*-46.29*	
		For >50 To 100, Deduct	*-63.79*	
		For >100, Deduct	*-92.58*	

26 31 00 00-0022 Photovoltaic Inverters *(26 31)*

26 31 00 00-0023 Fronius Photovoltaic Inverters *(26 31 00 00-0022)*

26 31 00 00-0024	EA	3 KW Photovoltaic Inverter (Fronius IG Plus 3.0-1)	5,534.42	130.96
26 31 00 00-0025	EA	5 KW Photovoltaic Inverter (Fronius IG Plus 5.0-1)	7,302.46	130.96
26 31 00 00-0026	EA	6 KW Photovoltaic Inverter (Fronius IG Plus 6.0-1)	7,708.67	130.96
26 31 00 00-0027	EA	7.5 KW Photovoltaic Inverter (Fronius IG Plus 7.5-1)	8,620.03	130.96
26 31 00 00-0028	EA	10 KW Photovoltaic Inverter (Fronius IG Plus 10.0-1)	13,653.91	130.96
26 31 00 00-0029	EA	12 KW Photovoltaic Inverter (Fronius IG Plus 12.0-3-1)	15,872.89	130.96
26 31 00 00-0030	EA	11.4 KW Photovoltaic Inverter (Fronius IG Plus 11.4-3 Delta)	12,917.99	261.92
26 31 00 00-0031	EA	11.4 KW Photovoltaic Inverter (Fronius IG Plus 11.4-3)	16,352.92	261.92
26 31 00 00-0032	EA	Inverter Display Stand (Fronius 4,045,894)	482.36	65.48

26 31 00 00-0033 SMA Photovoltaic Inverters *(26 31 00 00-0022)*

26 31 00 00-0034	EA	4 KW AC Photovoltaic Inverter (SMA Sunny Boy 4000TL-US-22)	4,108.28	130.96
26 31 00 00-0035	EA	5 KW AC Photovoltaic Inverter (SMA Sunny Boy 5000TL-US-22)	4,932.71	130.96
26 31 00 00-0036	EA	6 KW AC Photovoltaic Inverter (SMA Sunny Boy 6000TL-US-22)	5,701.04	130.96
26 31 00 00-0037	EA	7 KW AC Photovoltaic Inverter (SMA Sunny Boy 7000TL-US-22)	6,287.59	130.96
26 31 00 00-0038	EA	8 KW AC Photovoltaic Inverter (SMA Sunny Boy 8000TL-US-12)	6,090.01	130.96

26 31 00 00-0039 PVPowered Photovoltaic Inverters *(26 31 00 00-0022)*

26 31 00 00-0040	EA	120 Volt, 1.1 KW Photovoltaic Inverter (PVPowered PVP1100)	5,085.65	130.96
26 31 00 00-0041	EA	240 Volt, 2 KW Photovoltaic Inverter (PVPowered PVP2000)	5,319.20	130.96
26 31 00 00-0042	EA	240 Volt, 2.5 KW Photovoltaic Inverter (PVPowered PVP2500)	5,877.75	130.96
26 31 00 00-0043	EA	240 Volt, 3.5 KW Photovoltaic Inverter (PVPowered PVP3500)	6,968.89	163.70
26 31 00 00-0044	EA	208 Volt, 4.6 KW Photovoltaic Inverter (PVPowered PVP4600)	8,496.72	196.44
26 31 00 00-0045	EA	240 Volt, 4.8 KW Photovoltaic Inverter (PVPowered PVP4800)	8,567.82	196.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0046	EA	240 Volt, 5.2 KW Photovoltaic Inverter (PVPowered PVP5200)	9,041.04	196.44
26 31 00 00-0047	EA	208 Volt, 75 KW Photovoltaic Inverter (PVPowered PVP75kW)	107,857.12	1,047.68
26 31 00 00-0048	EA	480 Volt, 75 KW Photovoltaic Inverter (PVPowered PVP75kW)	107,999.95	1,047.68
26 31 00 00-0049	EA	208 Volt, 100 KW Photovoltaic Inverter (PVPowered PVP100kW)	116,870.37	1,047.68
26 31 00 00-0050	EA	480 Volt, 100 KW Photovoltaic Inverter (PVPowered PVP100kW)	108,340.80	1,047.68
26 31 00 00-0051		**Solectria Photovoltaic Inverters** *(26 31 00 00-0022)*		
26 31 00 00-0052	EA	208 Or 480 Volt, 10 KW Photovoltaic Inverter (Solectria PVI)	16,957.10	261.92
26 31 00 00-0053	EA	208 Or 480 Volt, 13 KW Photovoltaic Inverter (Solectria PVI)	16,957.10	261.92
26 31 00 00-0054	EA	208 Volt, 15 KW, Photovoltaic Inverter (Solectria PVI)	17,453.40	261.92
26 31 00 00-0055	EA	480 Volt, 15 KW Photovoltaic Inverter (Solectria PVI)	17,453.40	261.92
26 31 00 00-0056	EA	208 Volt, 50 KW Photovoltaic Inverter (Solectria PVI)	53,132.25	785.77
26 31 00 00-0057	EA	480 Volt, 50 KW Photovoltaic Inverter (Solectria PVI)	50,650.72	785.77
26 31 00 00-0058	EA	208 Volt, 60 KW Photovoltaic Inverter (Solectria PVI)	58,095.32	785.77
26 31 00 00-0059	EA	480 Volt, 60 KW Photovoltaic Inverter (Solectria PVI)	56,716.69	785.77
26 31 00 00-0060	EA	208 Volt, 75 KW Photovoltaic Inverter (Solectria PVI)	61,679.75	785.77
26 31 00 00-0061	EA	480 Volt, 75 KW Photovoltaic Inverter (Solectria PVI)	58,922.50	785.77
26 31 00 00-0062	EA	208 Volt, 85 KW Photovoltaic Inverter (Solectria PVI)	64,960.85	1,047.68
26 31 00 00-0063	EA	480 Volt, 85 KW Photovoltaic Inverter (Solectria PVI)	61,927.87	1,047.68
26 31 00 00-0064	EA	208 Volt, 100 KW Photovoltaic Inverter (Solectria PVI)	67,442.38	1,047.68
26 31 00 00-0065	EA	480 Volt, 100 KW Photovoltaic Inverter (Solectria PVI)	63,857.95	1,047.68
26 31 00 00-0066		**Xantrex Photovoltaic Inverters** *(26 31 00 00-0022)*		
26 31 00 00-0067	EA	0.6 KW Photovoltaic Inverter (Xantrex 806-1206)	708.39	32.74
26 31 00 00-0068	EA	1 KW Photovoltaic Inverter (Xantrex 806-1210)	772.25	32.74
26 31 00 00-0069	EA	2 KW Photovoltaic Inverter (Xantrex 806-1220)	1,241.55	32.74
26 31 00 00-0070		**Chint Power Systems Photovoltaic Inverters** *(26 31 00 00-0022)*		
26 31 00 00-0071	EA	208 Volt, 25 KW, Photovoltaic Inverter (CPS SCA25KTL-D0)	7,750.55	523.84
26 31 00 00-0072		**Photovoltaic DC-DC Converters** *(26 31)*		
26 31 00 00-0073	EA	15 Amperes, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-20) Note: Hazardous locations.	415.65	49.11
26 31 00 00-0074	EA	20 Amperes, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-23)	276.77	49.11
26 31 00 00-0075	EA	60 Amperes, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-60)	772.75	49.11
26 31 00 00-0076		**Photovoltaic Combiner Boxes** *(26 31)*		
26 31 00 00-0077		**Midnight Solar Photovoltaic Combiner Boxes** *(26 31 00 00-0076)*		
26 31 00 00-0078	EA	3 - 150 Volt DC Breaker Or 3 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV3)	496.09	130.96
26 31 00 00-0079	EA	6 - 150 Volt DC Breaker Or 4 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV6)	483.22	130.96
26 31 00 00-0080	EA	12 - 150 Volt DC Breaker Or 10 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV12)	769.19	196.44
26 31 00 00-0081	EA	6 - 300 Volt DC Breaker, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV12-250)	773.70	196.44
26 31 00 00-0082	EA	16, 600 Volt DC Breakers, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV16)	1,190.87	196.44
26 31 00 00-0083		**SMA Photovoltaic Combiner Boxes** *(26 31 00 00-0076)*		
26 31 00 00-0084	EA	6 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SBCB-6)	1,103.08	130.96
26 31 00 00-0085	EA	12 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-12)	1,322.25	130.96
26 31 00 00-0086	EA	28 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-28)	2,560.74	261.92
26 31 00 00-0087	EA	52 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-52)	5,897.63	261.92
26 31 00 00-0088	EA	4 Input NEMA 3R, Steel Combination DC Disconnect And Photovoltaic Combiner Box (SMA Combi-Switch)	984.47	130.96
26 31 00 00-0089		**Photovoltaic Charge Controller** *(26 31)*		
26 31 00 00-0090	EA	35 Amperes, 12 Or 24 Volt, Charge Controller (Xantrex C-35)	331.33	49.11
26 31 00 00-0091	EA	40 Amperes, 12 Or 24 Volt, Charge Controller (Xantrex C-40)	442.93	49.11
26 31 00 00-0092	EA	60 Amperes, 12 Or 24 Volt, Charge Controller (Xantrex C-60)	517.32	49.11
26 31 00 00-0093	EA	Remote Digital Meter For Xantrex C-35, 40 And 60	395.81	49.11
26 31 00 00-0094	EA	MPPT Charge Controller (Xantrex XW SCC)	1,375.75	65.48
26 31 00 00-0095		**Photovoltaic Batteries** *(26 31)*		
26 31 00 00-0096		**Concorde Photovoltaic Batteries** *(26 31 00 00-0095)*		
26 31 00 00-0097	EA	34 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-340T)	306.87	19.64
26 31 00 00-0098	EA	45 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-420T)	386.86	26.19
26 31 00 00-0099	EA	49 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-490T)	419.29	26.19
26 31 00 00-0100	EA	56 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-560T)	479.94	39.29
26 31 00 00-0101	EA	69 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-690T)	546.84	39.29
26 31 00 00-0102	EA	89 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-890T)	649.12	45.83
26 31 00 00-0103	EA	104 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-1040T)	744.45	52.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0104	EA	108 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-1080T)	735.79	52.39
26 31 00 00-0105	EA	210 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-2120T)	1,350.80	62.21
26 31 00 00-0106	EA	255 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-2580T)	1,562.49	65.48
26 31 00 00-0107		**Deka Photovoltaic Batteries** *(26 31 00 00-0095)*		
26 31 00 00-0108	EA	31 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8GU1)	321.01	32.79
26 31 00 00-0109	EA	50 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G22NF)	442.52	32.79
26 31 00 00-0110	EA	74 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G24)	653.32	32.79
26 31 00 00-0111	EA	86 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G27)	747.55	32.79
26 31 00 00-0112	EA	98 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G31)	750.03	32.79
26 31 00 00-0113	EA	183 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G4D)	1,454.32	32.79
26 31 00 00-0114	EA	225 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G8D)	1,682.47	32.79
26 31 00 00-0115		**Battery Enclosures** *(26 31 00 00-0095)*		
26 31 00 00-0116	EA	14" x 12" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge 55-2501-010)	363.07	32.74
26 31 00 00-0117	EA	22" x 16" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS1GC)	1,784.15	32.79
26 31 00 00-0118	EA	37" x 16" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS2GCL)	1,677.52	32.79
26 31 00 00-0119	EA	37" x 16" x 14.5" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS4GC)	2,235.49	32.79
26 31 00 00-0120	EA	15" x 17.1" x 8.4" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETSLCF1)	995.54	32.79
26 31 00 00-0121	EA	31" x 36" x 14" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETSBR827BP)	2,342.13	32.79
26 31 00 00-0122		**Photovoltaic System Monitoring** *(26 31)*		
26 31 00 00-0123	EA	Solar Inverter Monitor (Xantrex 864-0203)	766.31	65.48
26 31 00 00-0124	EA	Photovoltaic System Monitoring, Remote Diagnosis, Data Storage Communication Hub (SMA Sunny WebBox)	1,588.76	32.74
26 31 00 00-0125	EA	Sun Radiation And Temperature Monitor (SMA Sunny SensorBox)	1,327.20	32.74
26 31 00 00-0126	EA	PT100 Ambient Temperature Sensor For Sunny SensorBox (SMA)	243.59	32.74
26 31 00 00-0127	EA	Wind Sensor Accessory For Sunny SensorBox (SMA)	602.84	65.48
26 31 00 00-0128	EA	Sunny Boy Control with RS485 (SMA)	1,562.72	32.74
26 31 00 00-0129	EA	RS 485 Module (SMA)	354.12	32.74
26 31 00 00-0130	EA	RS 232 Module (SMA)	363.07	32.74
26 31 00 00-0131	EA	Wireless Monitor with Bluetooth (SMA Sunny Beam)	680.77	
26 31 00 00-0132	EA	Bluetooth Piggy-Back Computer Card (SMA)	367.90	32.74
26 31 00 00-0133	EA	RS485-N Communication Computer Card (SMA)	365.40	32.74
26 31 00 00-0134	EA	Bluetooth Repeater (SMA)	691.56	32.74
26 31 00 00-0135	EA	Sunny Boy PC Service Cable (SMA)	328.85	9.82
26 31 00 00-0136	EA	Integrated Revenue Grade Meter, Option (PVPowered)	6,360.94	
26 31 00 00-0137	EA	Data Monitoring Module (PVPowered PVM1010)	690.10	32.74
26 31 00 00-0138	EA	Wireless IG Personal Display (Fronius 4,240,108)	691.66	
26 31 00 00-0139	EA	DatCom Power Supply (Fronius 43,0001,2311)	225.90	
26 31 00 00-0140	EA	Wireless Card For IG Personal Display (Fronius 4,240,008,Z)	410.13	32.74
26 31 00 00-0141	EA	Retrofit Solar Inverter Interface And Power Supply Option Communication Card (Fronius 4,240,001,Z)	346.65	32.74
26 31 00 00-0142	EA	Datalogger Pro Box (Fronius 4,240,102)	1,368.13	32.74
26 31 00 00-0143	EA	Datalogger Easy Box (Fronius 4,240,103)	889.14	32.74
26 31 00 00-0144	EA	Datalogger Interface Box (Fronius 4,240,105)	1,544.88	32.74
26 31 00 00-0145	EA	Datalogger Web (Fronius 4,240,122)	2,656.36	32.74
26 31 00 00-0146	EA	Interface Box (Fronius 4,240,109)	712.00	32.74
26 31 00 00-0147	EA	Interface Card (Fronius 4,240,009,Z)	507.36	32.74
26 31 00 00-0148	EA	Interface Card Easy (Fronius 4,240,013,Z)	333.76	32.74
26 31 00 00-0149	EA	Sensor Box (Fronius 4,240,104)	1,428.98	32.74
26 31 00 00-0150	EA	Ambient Temperature Sensor (Fronius 43,0001,1188)	156.38	32.74
26 31 00 00-0151	EA	Irradiance Sensor (Fronius 43,0001,1188)	494.76	32.74
26 31 00 00-0152	EA	Module Temperature Sensor (Fronius 43,0001,1190)	551.29	32.74
26 31 00 00-0153	EA	Wind Speed Sensor (Fronius 42,0411,0027)	288.26	65.48
26 31 00 00-0154		**Photovoltaic System Accessories** *(26 31)*		
26 31 00 00-0155	EA	Four Inverter Bypass Switch (OutBack AC-IOB-100Q)	1,051.57	65.48
26 31 00 00-0156	EA	Line Communication Filter (Enphase LCF)	2,292.96	130.96
26 31 00 00-0157	EA	15 Meter RS 485 Communication Cable (SMA)	175.87	9.82
26 31 00 00-0158	EA	15 Meter RS 232 Communication Cable (SMA)	265.15	9.82
26 31 00 00-0159	EA	24" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	40.29	3.24
26 31 00 00-0160	EA	36" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	43.28	3.24
26 31 00 00-0161	EA	48" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	44.97	3.24
26 31 00 00-0162	EA	72" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	49.66	3.24
26 31 00 00-0163	EA	120" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	56.69	3.24
26 31 00 00-0164	EA	240" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	89.95	6.48
26 31 00 00-0165	EA	360" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	111.77	6.48
26 31 00 00-0166	EA	420" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	146.65	9.72
26 31 00 00-0167	EA	36" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	50.83	3.24
26 31 00 00-0168	EA	120" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	70.75	3.24
26 31 00 00-0169	EA	240" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	104.01	6.48
26 31 00 00-0170	EA	360" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	139.16	6.48
26 31 00 00-0171	EA	600" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	225.60	12.97
26 31 00 00-0172	EA	1200" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	235.52	12.97
26 31 00 00-0173	EA	Lighting Kit, 9 Watt Fluorescent, 12 Volt, 4.5 Ampere Hours Battery Note: Tamper proof enclosure.	4,197.02	353.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0174		**Photovoltaic Mounting Systems** *(26 31)*		
26 31 00 00-0175	LF	Anodized Aluminum Photovoltaic Module Mounting Rail (UNIRAC SolarMount Standard)	14.24	3.28
26 31 00 00-0176	EA	Splice Bar For Photovoltaic Module Mounting Rail (UNIRAC 310229)	40.52	16.37
26 31 00 00-0177	EA	Splice Plate For Photovoltaic Module Mounting Rail (UNIRAC 310216)	51.56	16.37
26 31 00 00-0178	EA	8" x 3/8" Hanger Bolt (UNIRAC 310046) Note: Supports mounting rail above tile or metal roof.	27.33	6.54
26 31 00 00-0179	EA	Mounting Rail Grounding Clip (UNIRAC 980006) Note: One grounding clip for every two top mounting clamps (end clamps + mid clamps) in your installation. Only one of the two rails in each row requires grounding clips.	12.90	4.91
26 31 00 00-0180	EA	Mounting Rail Grounding Lugs (UNIRAC 980012) Note: Two grounding lugs for each rail splice and one additional lug for each rail.	27.84	6.54
26 31 00 00-0181	EA	Anodized Aluminum Photovoltaic Module Mounting End Clamp (UNIRAC 320002) Note: Four for each row of modules you plan to mount.	7.44	2.18
26 31 00 00-0182	EA	Anodized Aluminum Photovoltaic Module Mounting Mid Clamp (UNIRAC 320008) Note: For each row, take one less than the number of modules in the row and multiply that figure by 2.	7.80	2.18
26 31 00 00-0183	EA	Photovoltaic Module Mount L-Feet (UNIRAC 310065)	19.28	6.54
26 31 00 00-0184	EA	12" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310121) Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.	115.13	32.74
26 31 00 00-0185	EA	30" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310122) Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.	127.63	32.74
26 31 00 00-0186	EA	44" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310123) Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.	137.69	32.74
26 31 00 00-0187	EA	12" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310107) Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	169.05	49.11
26 31 00 00-0188	EA	44" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310108) Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	206.54	49.11
26 31 00 00-0189	EA	72" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310109) Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	240.57	49.11
26 31 00 00-0190	EA	18" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310111) Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	264.28	65.48
26 31 00 00-0191	EA	64" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310112) Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	353.85	65.48
26 31 00 00-0192	EA	104" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310110) Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	497.10	98.22
26 31 00 00-0193	EA	Ballasted Photovoltaic Module Frame (UNIRAC 310351) Note: Excludes ballast.	242.65	
26 31 00 00-0194	EA	Ballasted Photovoltaic Module Frame With Module Mount (UNIRAC 310355) Note: Excludes ballast.	452.56	
26 31 00 00-0195	EA	3" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310051)	90.16	32.74
26 31 00 00-0196	EA	4" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310052)	91.31	32.74
26 31 00 00-0197	EA	6" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310053)	92.36	32.74
26 31 00 00-0198	EA	7" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310054)	94.99	32.74
26 31 00 00-0199	EA	3" High Aluminum Photovoltaic Module Standoff (UNIRAC 310553)	83.19	32.74
26 31 00 00-0200	EA	4" High Aluminum Photovoltaic Module Standoff (UNIRAC 310554)	84.52	32.74
26 31 00 00-0201	EA	6" High Aluminum Photovoltaic Module Standoff (UNIRAC 310555)	88.39	32.74
26 31 00 00-0202	EA	7" High Aluminum Photovoltaic Module Standoff (UNIRAC 310556)	87.29	32.74
26 31 00 00-0203	EA	3" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310390)	173.91	49.11
26 31 00 00-0204	EA	4" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310391)	174.71	49.11
26 31 00 00-0205	EA	7" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310394)	177.07	49.11
26 31 00 00-0206	EA	Photovoltaic Module Rapidfoot Standoff Assembly (UNIRAC 310370)	174.60	49.11
26 31 00 00-0207	EA	Photovoltaic Module Standoff Flashing (UNIRAC 990103)	34.91	6.54
26 31 00 00-0208	EA	Photovoltaic Module Standoff Ethylene Propylene Diene Monomer (EPDM) Patch (UNIRAC 990161)	22.85	6.54
26 31 00 00-0209	EA	1/4" Photovoltaic Module Standing Seam Metal Roof Mounting Block (UNIRAC 004030M-0100)	43.53	9.82
26 31 00 00-0210	EA	3/8" Photovoltaic Module Standing Seam Metal Roof Mounting Block (UNIRAC 004031M-0100)	45.33	9.82
26 31 00 00-0211	EA	Photovoltaic Module Standing Seam Metal Roof Mounting Clamp (UNIRAC 004032M-0100) Note: Mid or end clamp.	12.69	2.18
26 31 00 00-0212	EA	Photovoltaic Module Tile Roof Mounting Hook (UNIRAC 905011C-0024)	58.12	6.54
26 31 00 00-0213	EA	Photovoltaic Module Wire Clip (UNIRAC 908002S-0100)	2.94	

26 32 Packaged Generator Assemblies *(26 30)*

26 32 13 Engine Generators *(26 32)*

See CSI section 23 13 23 13-0001 for fuel storage tanks.

26 32 13 13 Diesel-Engine-Driven Generator Sets *(26 32 13)*

See CSI section 01 22 23 00-0768 for fuel reimbursment for commissioning.

26 32 13 13-0001 **Diesel Generator Sets (Cummins)** *(26 32 13 13)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad without enclosure. Includes manufacturer's representative at startup. Excludes fuel, fuel tank, enclosure, active diesel particulate filter, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0717 for loadbank rental, 01 22 23 00-0768 for fuel reimbursement, 23 13 23 13-0001 for fuel day tank, 26 36 23 00-0000 for automatic transfer switch.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0002	EA	20 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	34,755.50	1,146.51
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*19,426.44*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*25,901.92*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*12,377.50*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*16,503.33*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*13,392.56*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*5,259.87*	
		For Single Phase, Add	*1,292.65*	
		For Tier 4 Diesel Generator, Add	*10,484.82*	
26 32 13 13-0003	EA	25 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	36,554.28	1,211.00
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*19,426.44*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*25,901.92*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*12,377.50*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*16,503.33*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*13,392.56*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*5,259.87*	
		For Tier 4 Diesel Generator, Add	*11,036.65*	
26 32 13 13-0004	EA	30 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	38,381.38	1,279.08
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*19,426.44*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*25,901.92*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*12,377.50*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*16,503.33*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*13,392.56*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*5,259.87*	
		For Single Phase, Add	*1,425.41*	
		For Tier 4 Diesel Generator, Add	*11,561.62*	
26 32 13 13-0005	EA	35 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	39,174.71	1,411.64
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*19,426.44*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*25,901.92*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*12,377.50*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*16,503.33*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*13,392.56*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*5,259.87*	
		For Tier 4 Diesel Generator, Add	*11,709.27*	
26 32 13 13-0006	EA	40 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	39,982.51	1,547.79
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*19,426.44*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*25,901.92*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*12,377.50*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*16,503.33*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*13,392.56*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*5,259.87*	
		For Tier 4 Diesel Generator, Add	*11,856.92*	
26 32 13 13-0007	EA	50 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	46,905.15	1,777.09
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*19,426.44*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*25,901.92*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*12,377.50*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*16,503.33*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*13,392.56*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*5,259.87*	
		For Tier 4 Diesel Generator, Add	*14,089.34*	
26 32 13 13-0008	EA	60 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	50,539.34	2,042.22
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*19,426.44*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*25,901.92*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*12,377.50*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*16,503.33*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*13,392.56*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*5,259.87*	
		For Tier 4 Diesel Generator, Add	*15,224.21*	
26 32 13 13-0009	EA	80 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	59,370.53	2,393.34
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*19,426.44*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*25,901.92*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*12,377.50*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*16,503.33*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*13,392.56*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*5,259.87*	
		For Tier 4 Diesel Generator, Add	*18,012.48*	
26 32 13 13-0010	EA	100 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	63,818.82	2,780.28
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*27,543.17*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*20,657.37*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*25,232.17*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*18,924.12*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*17,182.89*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,978.11*	
		For Tier 4 Diesel Generator, Add	*16,724.31*	
26 32 13 13-0011	EA	125 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	65,300.66	3,296.21
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*27,543.17*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*20,657.37*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*25,232.17*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*18,924.12*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*17,182.89*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,978.11*	
		For Tier 4 Diesel Generator, Add	*16,873.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0012	EA	150 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	72,190.60	3,633.01
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*27,543.17*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*20,657.37*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*25,232.17*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*18,924.12*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*17,182.89*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,978.11*	
		For Tier 4 Diesel Generator, Add	*18,684.79*	
26 32 13 13-0013	EA	175 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	75,843.91	4,055.78
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*27,543.17*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*20,657.37*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*25,232.17*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*18,924.12*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*17,182.89*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,978.11*	
		For Tier 4 Diesel Generator, Add	*19,696.67*	
26 32 13 13-0014	EA	200 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	80,596.76	4,442.72
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*27,543.17*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*20,657.37*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*25,232.17*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*18,924.12*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*17,182.89*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,978.11*	
		For Tier 4 Diesel Generator, Add	*21,043.35*	
26 32 13 13-0015	EA	230 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	86,864.24	4,693.52
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*27,543.17*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*20,657.37*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*25,232.17*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*18,924.12*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*17,182.89*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,978.11*	
		For Tier 4 Diesel Generator, Add	*22,935.58*	
26 32 13 13-0016	EA	250 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	90,527.54	4,887.00
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*93,374.94*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*62,752.90*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*70,031.21*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*57,291.24*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*51,740.04*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*76,388.32*	
		For Tier 4 Diesel Generator, Add	*20,578.24*	
26 32 13 13-0017	EA	275 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	98,495.90	5,152.13
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*93,374.94*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*62,752.90*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*70,031.21*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*57,291.24*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*51,740.04*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*76,388.32*	
		For Tier 4 Diesel Generator, Add	*22,577.12*	
26 32 13 13-0018	EA	300 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	100,653.19	5,381.43
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*93,374.94*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*62,752.90*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*70,031.21*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*57,291.24*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*51,740.04*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*76,388.32*	
		For Tier 4 Diesel Generator, Add	*22,983.34*	
26 32 13 13-0019	EA	350 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	113,425.76	6,019.18
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*93,374.94*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*62,752.90*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*70,031.21*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*57,291.24*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*51,740.04*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*76,388.32*	
		For Tier 4 Diesel Generator, Add	*26,256.07*	
26 32 13 13-0020	EA	400 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	122,095.37	6,592.43
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*93,374.94*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*62,752.90*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*70,031.21*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*57,291.24*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*51,740.04*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*76,388.32*	
		For Tier 4 Diesel Generator, Add	*28,403.39*	
26 32 13 13-0021	EA	450 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	137,788.83	7,101.20
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*93,374.94*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*62,752.90*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*70,031.21*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*57,291.24*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*51,740.04*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*76,388.32*	
		For Tier 4 Diesel Generator, Add	*32,524.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0022	EA	500 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	144,907.16	7,566.97
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*93,374.94*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*62,752.90*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*70,031.21*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*57,291.24*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*51,740.04*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*76,388.32*	
		For Tier 4 Diesel Generator, Add	*34,330.40*	
26 32 13 13-0023	EA	600 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	210,341.91	8,333.69
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*124,318.39*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*169,709.29*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*148,281.58*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*197,708.77*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*127,281.97*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*105,695.41*	
		For Tier 4 Diesel Generator, Add	*46,997.08*	
26 32 13 13-0024	EA	750 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	240,852.18	9,164.91
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*124,318.39*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*169,709.29*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*148,281.58*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*197,708.77*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*127,281.97*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*105,695.41*	
		For Tier 4 Diesel Generator, Add	*54,064.80*	
26 32 13 13-0025	EA	800 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	251,493.34	9,365.56
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*124,318.39*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*169,709.29*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*148,281.58*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*197,708.77*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*127,281.97*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*105,695.41*	
		For Tier 4 Diesel Generator, Add	*56,573.57*	
26 32 13 13-0026	EA	900 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	306,675.53	10,096.46
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*124,318.39*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*169,709.29*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*148,281.58*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*197,708.77*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*127,281.97*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*105,695.41*	
		For Tier 4 Diesel Generator, Add	*69,735.07*	
26 32 13 13-0027	EA	1,000 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	342,576.82	10,748.53
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*124,318.39*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*169,709.29*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*148,281.58*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*197,708.77*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*127,281.97*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*105,695.41*	
		For Tier 4 Diesel Generator, Add	*77,743.01*	

26 32 13 13-0028 Diesel Generator Sets (Generac SD) *(26 32 13 13)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with 24 hour run time fuel tank, radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad. Includes startup and training. Excludes fuel, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0717 for loadbank rental, 01 22 23 00-0768 for fuel reimbursement, 26 36 23 00-0000 for automatic transfer switch.

26 32 13 13-0029	EA	10 KW, Industrial, Diesel Generator Set (Generac SD)	22,439.15	716.56
		For Steel Weather Protective Housing, Add	*3,146.47*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*5,826.69*	
26 32 13 13-0030	EA	15 KW, Industrial, Diesel Generator Set (Generac SD)	22,889.77	859.88
		For Steel Weather Protective Housing, Add	*3,146.47*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*5,826.69*	
26 32 13 13-0031	EA	20 KW, Industrial, Diesel Generator Set (Generac SD)	23,716.84	960.20
		For Steel Weather Protective Housing, Add	*3,146.47*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*5,826.69*	
26 32 13 13-0032	EA	25 KW, Industrial, Diesel Generator Set (Generac SD)	25,482.49	1,146.51
		For Steel Weather Protective Housing, Add	*3,146.47*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*5,826.69*	
26 32 13 13-0033	EA	30 KW, Industrial, Diesel Generator Set (Generac SD)	26,067.03	1,279.08
		For Steel Weather Protective Housing, Add	*3,146.47*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*5,826.69*	
26 32 13 13-0034	EA	35 KW, Industrial, Diesel Generator Set (Generac SD)	28,897.96	1,411.64
		For Steel Weather Protective Housing, Add	*3,146.47*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*5,826.69*	
26 32 13 13-0035	EA	40 KW, Industrial, Diesel Generator Set (Generac SD)	29,400.05	1,547.79
		For Steel Weather Protective Housing, Add	*3,146.47*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*5,826.69*	
26 32 13 13-0036	EA	50 KW, Industrial, Diesel Generator Set (Generac SD)	30,455.52	1,777.09
		For Steel Weather Protective Housing, Add	*3,146.47*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*5,826.69*	
26 32 13 13-0037	EA	60 KW, Industrial, Diesel Generator Set (Generac SD)	33,266.50	2,042.22
		For Steel Weather Protective Housing, Add	*3,813.90*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*7,657.36*	
26 32 13 13-0038	EA	80 KW, Industrial, Diesel Generator Set (Generac SD)	40,057.62	2,393.34
		For Steel Weather Protective Housing, Add	*3,813.90*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*8,257.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0039	EA	100 KW, Industrial, Diesel Generator Set (Generac SD)	41,843.36	2,751.62
		For Steel Weather Protective Housing, Add	*5,656.65*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*10,099.84*	
26 32 13 13-0040	EA	135 KW, Industrial, Diesel Generator Set (Generac SD)	51,932.68	3,367.87
		For Steel Weather Protective Housing, Add	*5,656.65*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*10,442.14*	
26 32 13 13-0041	EA	150 KW, Industrial, Diesel Generator Set (Generac SD)	54,732.21	3,633.01
		For Steel Weather Protective Housing, Add	*5,656.65*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*10,442.14*	
26 32 13 13-0042	EA	180 KW, Industrial, Diesel Generator Set (Generac SD)	62,200.87	4,120.27
		For Steel Weather Protective Housing, Add	*5,656.65*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*10,442.14*	
26 32 13 13-0043	EA	200 KW, Industrial, Diesel Generator Set (Generac SD)	62,254.31	4,442.72
		For Steel Weather Protective Housing, Add	*7,093.85*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*11,879.34*	
26 32 13 13-0044	EA	230 KW, Industrial, Diesel Generator Set (Generac SD)	75,104.36	4,693.52
		For Steel Weather Protective Housing, Add	*7,093.85*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*19,100.96*	
26 32 13 13-0045	EA	250 KW, Industrial, Diesel Generator Set (Generac SD)	79,873.47	4,887.00
		For Steel Weather Protective Housing, Add	*7,093.85*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*19,100.96*	
26 32 13 13-0046	EA	275 KW, Industrial, Diesel Generator Set (Generac SD)	82,045.31	5,152.13
		For Steel Weather Protective Housing, Add	*10,806.05*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*22,813.16*	
26 32 13 13-0047	EA	300 KW, Industrial, Desel Generator Set (Generac SD)	89,877.13	5,381.43
		For Steel Weather Protective Housing, Add	*10,806.05*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*22,813.16*	
26 32 13 13-0048	EA	350 KW, Industrial, Diesel Generator Set (Generac SD)	97,596.21	6,019.18
		For Steel Weather Protective Housing, Add	*10,806.05*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*23,474.87*	
26 32 13 13-0049	EA	400 KW, Industrial, Diesel Generator Set (Generac SD)	104,850.10	6,449.11
		For Steel Weather Protective Housing, Add	*10,806.05*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*23,474.87*	
26 32 13 13-0050	EA	500 KW, Industrial, Diesel Generator Set (Generac SD)	116,687.60	7,566.97
		For Steel Weather Protective Housing, Add	*18,116.02*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*25,816.29*	
26 32 13 13-0051	EA	600 KW, Industrial, Diesel Generator Set (Generac SD)	156,853.96	8,333.69
		For Steel Weather Protective Housing, Add	*23,588.97*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*36,257.79*	

26 32 13 13-0052 Diesel Generator Sets (Kohler) *(26 32 13 13)*

Note: 3 Phase, 4-Wire 480/277, 416/240 or 380/220 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad. Includes manufacturer's representative at startup. Excludes fuel, fuel tank, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0717 for loadbank rental, 01 22 23 00-0768 for fuel reimbursement, 23 13 23 13-0001 for fuel day tank, 26 36 23 00-0000 for automatic transfer switch.

26 32 13 13-0053	EA	80 KW Diesel Generator Set, 3 Phase (Kohler 80REOZJ)	35,813.59	2,393.34
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*19,426.44*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*25,901.92*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*12,377.50*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*16,503.33*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*13,392.56*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*5,259.87*	
		For Tier 4 Diesel Generator, Add	*9,414.20*	
26 32 13 13-0054	EA	100 KW Diesel Generator Set, 3 Phase (Kohler 100REOZJ)	37,649.08	2,780.28
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*27,543.17*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*20,657.37*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*25,232.17*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*18,924.12*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*17,182.89*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,978.11*	
		For Tier 4 Diesel Generator, Add	*8,480.84*	
26 32 13 13-0055	EA	125 KW Diesel Generator Set, 3 Phase (Kohler 125REOZJ)	47,519.46	3,296.21
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*27,543.17*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*20,657.37*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*25,232.17*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*18,924.12*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*17,182.89*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,978.11*	
		For Tier 4 Diesel Generator, Add	*11,272.58*	
26 32 13 13-0056	EA	150 KW Diesel Generator Set, 3 Phase (Kohler 150REOZJ)	49,070.15	3,633.01
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*27,543.17*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*20,657.37*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*25,232.17*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*18,924.12*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*17,182.89*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,978.11*	
		For Tier 4 Diesel Generator, Add	*11,401.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0057	EA	200 KW Diesel Generator Set, 3 Phase (Kohler 200REOZJ)	58,511.18	4,442.72
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*27,543.17*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*20,657.37*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*25,232.17*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*18,924.12*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*17,182.89*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,978.11*	
		For Tier 4 Diesel Generator, Add	*14,086.40*	
26 32 13 13-0058	EA	250 KW Diesel Generator Set, 3 Phase (Kohler 250REOZJ)	72,867.52	4,887.00
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*93,374.94*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*62,752.90*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*70,031.21*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*57,291.24*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*51,740.04*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*76,388.32*	
		For Tier 4 Diesel Generator, Add	*15,810.04*	
26 32 13 13-0059	EA	300 KW Diesel Generator Set, 3 Phase (Kohler 300REOZJ)	79,890.43	5,381.43
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*93,374.94*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*62,752.90*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*70,031.21*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*57,291.24*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*51,740.04*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*76,388.32*	
		For Tier 4 Diesel Generator, Add	*17,377.39*	
26 32 13 13-0060	EA	350 KW Diesel Generator Set, 3 Phase (Kohler 350REOZJ)	88,534.71	6,019.18
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*93,374.94*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*62,752.90*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*70,031.21*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*57,291.24*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*51,740.04*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*76,388.32*	
		For Tier 4 Diesel Generator, Add	*19,535.48*	
26 32 13 13-0061	EA	400 KW Diesel Generator Set, 3 Phase (Kohler 400REOZJ)	94,155.52	6,592.43
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*93,374.94*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*62,752.90*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*70,031.21*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*57,291.24*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*51,740.04*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*76,388.32*	
		For Tier 4 Diesel Generator, Add	*20,859.63*	
26 32 13 13-0062	EA	500 KW Diesel Generator Set, 3 Phase (Kohler 500REOZJ)	111,634.80	7,566.97
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*93,374.94*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*62,752.90*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*70,031.21*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*57,291.24*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*51,740.04*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*76,388.32*	
		For Tier 4 Diesel Generator, Add	*25,346.86*	
26 32 13 13-0063	EA	600 KW Diesel Generator Set, 3 Phase (Kohler 600REOZJ)	138,545.00	8,333.69
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*124,318.39*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*169,709.29*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*148,281.58*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*197,708.77*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*127,281.97*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*105,695.41*	
		For Tier 4 Diesel Generator, Add	*29,406.84*	
26 32 13 13-0064	EA	1,250 KW Diesel Generator Set, 3 Phase (Kohlar REOZDD)	476,554.18	11,106.81
		For Tier 4 Diesel Generator, Add	*83,516.23*	
26 32 13 13-0065	EA	1,500 KW Diesel Generator Set, 3 Phase (Kohlar REOZDD)	487,073.81	11,465.10
		For Tier 4 Diesel Generator, Add	*85,329.79*	
26 32 13 13-0066	EA	1,750 KW Diesel Generator Set, 3 Phase (Kohlar REOZDD)	569,667.39	11,823.39
		For Tier 4 Diesel Generator, Add	*100,477.04*	
26 32 13 13-0067	EA	2,000 KW Diesel Generator Set, 3 Phase (Kohlar REOZDD)	671,521.42	12,181.66
		For Tier 4 Diesel Generator, Add	*119,080.12*	
26 32 13 13-0068	EA	2,250 KW Diesel Generator Set, 3 Phase (Kohlar REOZDD)	764,540.33	12,539.95
		For Tier 4 Diesel Generator, Add	*136,156.05*	
26 32 13 13-0069	EA	2,500 KW Diesel Generator Set, 3 Phase (Kohlar REOZDB)	963,206.48	12,898.24
		For Tier 4 Diesel Generator, Add	*130,749.95*	
26 32 13 13-0070	EA	2,800 KW Diesel Generator Set, 3 Phase (Kohlar REOZDB)	1,161,872.66	13,256.51
		For Tier 4 Diesel Generator, Add	*158,462.90*	
26 32 13 13-0071	EA	3,000 KW Diesel Generator Set, 3 Phase (Kohlar REOZD)	1,329,202.64	13,973.09
		For Tier 4 Diesel Generator, Add	*181,566.59*	
26 32 13 13-0072	EA	3,250 KW Diesel Generator Set, 3 Phase (Kohlar REOZD)	1,418,886.61	14,689.65
		For Tier 4 Diesel Generator, Add	*193,921.71*	
26 32 13 13-0073	EA	4,000 KW Diesel Generator Set, 3 Phase (Caterpillar C175)	2,070,445.93	16,839.36
		For Tier 4 Diesel Generator, Add	*182,786.78*	

26 32 13 13-0074 Diesel Generator Sets (Taylor) *(26 32 13 13)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad without enclosure. Includes manufacturer's representative at startup. Excludes fuel tank, enclosure, active diesel particulate filter, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0717 for loadbank rental, 23 13 23 13-0001 for fuel day tank, 26 36 23 00-0000 for automatic transfer switch.

26 32 13 13-0075	EA	9 KW Diesel Generator Set, 3 Phase (Taylor TD9)	25,350.29	859.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0076	EA	13 KW Diesel Generator Set, 3 Phase (Taylor TD13)	26,064.82	968.95
26 32 13 13-0077	EA	20 KW Diesel Generator Set, 3 Phase (Taylor TD20)	27,276.21	1,081.30
26 32 13 13-0078	EA	28 KW Diesel Generator Set, 3 Phase (Taylor TD28)	30,291.49	1,212.86
26 32 13 13-0079	EA	30 KW Diesel Generator Set, 3 Phase (Taylor TD30)	31,690.62	1,279.08
26 32 13 13-0080	EA	55 KW Diesel Generator Set, 3 Phase (Taylor TD55)	35,488.46	1,909.66
26 32 13 13-0081	EA	60 KW Diesel Generator Set, 3 Phase (Taylor TD60)	38,489.20	2,042.22
26 32 13 13-0082	EA	80 KW Diesel Generator Set, 3 Phase (Taylor TD80)	41,354.96	2,393.34
26 32 13 13-0083	EA	100 KW Diesel Generator Set, 3 Phase (Taylor TD100)	42,962.35	2,780.28
26 32 13 13-0084	EA	125 KW Diesel Generator Set, 3 Phase (Taylor TD125)	57,135.87	3,296.21
26 32 13 13-0085	EA	140 KW Diesel Generator Set, 3 Phase (Taylor TD140)	58,099.86	3,464.61
26 32 13 13-0086	EA	150 KW Diesel Generator Set, 3 Phase (Taylor TD150)	59,123.17	3,633.01
26 32 13 13-0087	EA	175 KW Diesel Generator Set, 3 Phase (Taylor TD175)	63,003.11	4,055.78
26 32 13 13-0088	EA	200 KW Diesel Generator Set, 3 Phase (Taylor TD200)	65,905.06	4,442.72
26 32 13 13-0089	EA	250 KW Diesel Generator Set, 3 Phase (Taylor TD250)	79,938.80	4,887.00
26 32 13 13-0090	EA	300 KW Diesel Generator Set, 3 Phase (Taylor TD300)	90,564.74	5,381.43
26 32 13 13-0091	EA	350 KW Diesel Generator Set, 3 Phase (Taylor TD350)	98,891.02	6,019.18
26 32 13 13-0092	EA	400 KW Diesel Generator Set, 3 Phase (Taylor TD400)	101,504.90	6,592.43
26 32 13 13-0093	EA	450 KW Diesel Generator Set, 3 Phase (Taylor TD450)	109,553.84	7,101.20
26 32 13 13-0094	EA	500 KW Diesel Generator Set, 3 Phase (Taylor TD500)	115,190.40	7,566.97
26 32 13 13-0095	EA	550 KW Diesel Generator Set, 3 Phase (Taylor TD550)	118,488.13	7,950.33
26 32 13 13-0096	EA	600 KW Diesel Generator Set, 3 Phase (Taylor TD600)	145,849.05	8,333.69

26 32 13 13-0097 Diesel Particulate Filters *(26 32 13 13)*

26 32 13 13-0098	EA	Up To 50 KW Diesel Generator, Active Diesel Particulate Filter With Stainless Steel Enclosure Note: Includes 304 stainless steel housing, CARB Level 3+ Verified, and 4KW rated. Requires 480 volt, 3 phase power to a supplied 20 amp CB.	38,223.61	
26 32 13 13-0099	EA	>50 To 75 KW Diesel Generator, Active Diesel Particulate Filter With Stainless Steel Enclosure Note: Includes 304 stainless steel housing, CARB Level 3+ Verified, and 4KW rated. Requires 480 volt, 3 phase power to a supplied 20 amp CB.	49,969.69	
26 32 13 13-0100	EA	>75 To 100 KW Diesel Generator, Active Diesel Particulate Filter With Stainless Steel Enclosure Note: Includes 304 stainless steel housing, CARB Level 3+ Verified, and 4KW rated. Requires 480 volt, 3 phase power to a supplied 20 amp CB.	60,546.72	
26 32 13 13-0101	EA	>100 To 200 KW Diesel Generator, Active Diesel Particulate Filter With Stainless Steel Enclosure Note: Includes 304 stainless steel housing, CARB Level 3+ Verified, and 4KW rated. Requires 480 volt, 3 phase power to a supplied 20 amp CB.	74,273.02	
26 32 13 13-0102	EA	>200 To 500 KW Diesel Generator, Active Diesel Particulate Filter With Stainless Steel Enclosure Note: Includes 304 stainless steel housing, CARB Level 3+ Verified, and 4KW rated. Requires 480 volt, 3 phase power to a supplied 20 amp CB.	87,305.86	
26 32 13 13-0103	EA	>500 To 1,000 KW Diesel Generator, Active Diesel Particulate Filter With Stainless Steel Enclosure Note: Includes 304 stainless steel housing, CARB Level 3+ Verified, and 4KW rated. Requires 480 volt, 3 phase power to a supplied 20 amp CB.	109,065.14	

26 32 13 19 Natural Gas-Engine-Driven Generator Sets *(26 32 13)*

26 32 13 19-0001 Natural Gas Or Propane Generator Sets (Cummins) *(26 32 13 19)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad without enclosure. Includes manufacturer's representative at startup. Excludes fuel, fuel tank, enclosure, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0717 for loadbank rental, 01 22 23 00-0768 for fuel reimbursement, 26 36 23 00-0000 for automatic transfer switches.

26 32 13 19-0002	EA	20 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMA)	15,521.56	960.20
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*12,377.50*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,503.33*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*5,181.36*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,783.94*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*8,596.36*	
26 32 13 19-0003	EA	25 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMB)	17,540.45	1,146.51
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*12,377.50*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,503.33*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*5,181.36*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,783.94*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*8,596.36*	
26 32 13 19-0004	EA	29 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMC)	20,239.62	1,275.49
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*12,377.50*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,503.33*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*5,181.36*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,783.94*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*8,596.36*	
26 32 13 19-0005	EA	35 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPA)	22,954.87	1,411.64
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*12,377.50*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,503.33*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*24,599.21*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,783.94*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*14,655.99*	
26 32 13 19-0006	EA	40 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPB)	25,756.49	1,547.79
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*12,377.50*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,503.33*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*24,599.21*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,783.94*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*14,655.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 19-0007	EA	45 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPC)	27,912.56	1,669.61
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*12,377.50*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,503.33*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*24,599.21*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,783.94*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*14,655.99*	
26 32 13 19-0008	EA	60 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHE)	30,570.21	2,042.22
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*12,377.50*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,503.33*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*24,599.21*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,783.94*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*14,655.99*	
26 32 13 19-0009	EA	70 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHF)	32,816.55	2,285.85
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*12,377.50*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,503.33*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*24,599.21*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,783.94*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*14,655.99*	
26 32 13 19-0010	EA	85 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHG)	42,988.30	2,443.50
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*18,924.12*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*24,599.21*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*25,232.17*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*8,719.01*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*17,182.89*	
26 32 13 19-0011	EA	100 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHH)	51,768.90	2,751.62
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*18,924.12*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*24,599.21*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*25,232.17*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*8,719.01*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*17,182.89*	
26 32 13 19-0012	EA	125 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGLA)	59,314.29	3,296.21
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*18,924.12*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*24,599.21*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*25,232.17*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*8,719.01*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*17,182.89*	
26 32 13 19-0013	EA	150 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGLB)	70,452.43	3,633.01
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*18,924.12*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*24,599.21*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*25,232.17*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*8,719.01*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*17,182.89*	
26 32 13 19-0014	EA	175 KW Natural Gas Generator Set, 3 Phase (Cummins GFBA)	113,677.50	9,663.50
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*51,506.37*	
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*46,529.24*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*76,341.70*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*50,874.02*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*68,675.15*	
26 32 13 19-0015	EA	205 KW Natural Gas Generator Set, 3 Phase (Cummins GFBB)	129,013.14	4,363.90
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*51,506.37*	
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*46,529.24*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*76,341.70*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*50,874.02*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*68,675.15*	
26 32 13 19-0016	EA	250 KW Natural Gas Generator Set, 3 Phase (Cummins GFBC)	138,760.70	4,887.00
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*51,506.37*	
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*46,529.24*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*76,341.70*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*50,874.02*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*68,675.15*	
26 32 13 19-0017	EA	300 KW Natural Gas Generator Set, 3 Phase (Cummins GFEA)	179,309.74	5,381.43
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*51,506.37*	
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*46,529.24*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*76,341.70*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*50,874.02*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*68,675.15*	
26 32 13 19-0018	EA	350 KW Natural Gas Generator Set, 3 Phase (Cummins GFEB)	192,503.26	6,019.18
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*51,506.37*	
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*46,529.24*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*76,341.70*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*50,874.02*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*68,675.15*	
26 32 13 19-0019	EA	450 KW Natural Gas Generator Set, 3 Phase (Cummins GFGA)	270,243.79	7,101.20
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*107,947.53*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*143,930.04*	
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*101,598.39*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*115,398.19*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*163,097.66*	
26 32 13 19-0020	EA	500 KW Natural Gas Generator Set, 3 Phase (Cummins GFJB)	345,409.54	7,566.97
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*107,947.53*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*143,930.04*	
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*101,598.39*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*115,398.19*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*163,097.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 19-0021	EA	550 KW Natural Gas Generator Set, 3 Phase (Cummins GFJC)	386,426.63	7,975.41
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*107,947.53*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*143,930.04*	
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*101,598.39*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*115,398.19*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*163,097.66*	
26 32 13 19-0022	EA	600 KW Natural Gas Generator Set, 3 Phase (Cummins GFLA)	440,037.58	8,333.69
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*107,947.53*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*143,930.04*	
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*101,598.39*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*115,398.19*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*163,097.66*	
26 32 13 19-0023	EA	650 KW Natural Gas Generator Set, 3 Phase (Cummins GFLB)	460,094.10	8,648.98
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*107,947.53*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*143,930.04*	
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*101,598.39*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*115,398.19*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*163,097.66*	
26 32 13 19-0024	EA	725 KW Natural Gas Generator Set, 3 Phase (Cummins GFLC)	486,660.86	9,243.74
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*107,947.53*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*143,930.04*	
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*101,598.39*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*115,398.19*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*163,097.66*	

26 32 13 19-0025 Natural Gas Or Propane Generator Sets (Generac QTA) *(26 32 13 19)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad. Includes startup and training. Excludes fuel, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0717 for loadbank rental, 01 22 23 00-0768 for fuel reimbursement, 26 36 23 00-0000 for automatic transfer switches.

26 32 13 19-0026	EA	25 KW, Commercial, Natural Gas Generator Set (Generac QTA)	17,668.12	1,146.51
		For Steel Weather Protective Housing, Add	*1,188.67*	
		For Aluminum Weather Protective Housing, Add	*1,845.93*	
26 32 13 19-0027	EA	55 KW, Commercial, Natural Gas Generator Set (Generac QTA)	26,283.67	1,913.24
		For Steel Weather Protective Housing, Add	*1,685.74*	
		For Aluminum Weather Protective Housing, Add	*2,169.16*	
26 32 13 19-0028	EA	70 KW, Commercial, Natural Gas Generator Set (Generac QTA)	29,534.96	2,285.85
		For Steel Weather Protective Housing, Add	*2,180.28*	
		For Aluminum Weather Protective Housing, Add	*2,167.25*	
26 32 13 19-0029	EA	80 KW, Commercial, Natural Gas Generator Set (Generac QTA)	31,093.05	2,393.34
		For Steel Weather Protective Housing, Add	*1,685.74*	
		For Aluminum Weather Protective Housing, Add	*2,538.15*	
26 32 13 19-0030	EA	100 KW, Commercial, Natural Gas Generator Set (Generac QTA)	37,958.90	2,751.62
		For Steel Weather Protective Housing, Add	*2,180.28*	
		For Aluminum Weather Protective Housing, Add	*2,336.01*	
26 32 13 19-0031	EA	130 KW, Commercial, Natural Gas Generator Set (Generac QTA)	43,895.48	3,281.89
		For Steel Weather Protective Housing, Add	*2,180.28*	
		For Aluminum Weather Protective Housing, Add	*1,923.16*	
26 32 13 19-0032	EA	150 KW, Commercial, Natural Gas Generator Set (Generac QTA)	49,547.21	3,633.01
		For Steel Weather Protective Housing, Add	*2,180.28*	
		For Aluminum Weather Protective Housing, Add	*1,872.62*	

26 32 13 19-0033 Natural Gas Or Propane Generator Sets (Generac SG) *(26 32 13 19)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad. Includes startup and training. Excludes fuel, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0717 for loadbank rental, 01 22 23 00-0768 for fuel reimbursement, 26 36 23 00-0000 for automatic transfer switches.

26 32 13 19-0034	EA	35 KW, Industrial, Natural Gas Or Propane Generator Set (Generac SG)	20,822.03	1,411.64
		For Steel Weather Protective Housing, Add	*3,623.20*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*6,488.40*	
26 32 13 19-0035	EA	40 KW, Industrial, Natural Gas Or Propane Generator Set (Generac SG)	23,372.18	1,547.79
		For Steel Weather Protective Housing, Add	*3,623.20*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*6,488.40*	
26 32 13 19-0036	EA	45 KW, Industrial, Natural Gas Or Propane Generator Set (Generac SG)	24,344.26	1,669.61
		For Steel Weather Protective Housing, Add	*3,623.20*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*6,488.40*	
26 32 13 19-0037	EA	70 KW, Industrial, Natural Gas Generator Set (Generac SG)	32,414.13	2,285.85
		For Steel Weather Protective Housing, Add	*2,180.28*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*9,060.87*	
26 32 13 19-0038	EA	100 KW, Industrial, Natural Gas Generator Set (Generac SG)	38,678.46	2,751.62
		For Steel Weather Protective Housing, Add	*2,180.28*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*9,060.87*	
26 32 13 19-0039	EA	130 KW, Industrial, Natural Gas Generator Set (Generac SG)	46,712.69	3,281.89
		For Steel Weather Protective Housing, Add	*2,180.28*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*9,060.87*	
26 32 13 19-0040	EA	150 KW, Industrial, Natural Gas Generator Set (Generac SG)	77,337.83	3,633.01
		For Steel Weather Protective Housing, Add	*9,534.75*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*17,381.85*	
26 32 13 19-0041	EA	175 KW, Industrial, Natural Gas Generator Set (Generac SG)	85,980.90	4,055.78
		For Steel Weather Protective Housing, Add	*9,534.75*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*17,381.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 19-0042	EA	200 KW, Industrial, Natural Gas Generator Set (Generac SG)	91,075.95	4,442.72
		For Steel Weather Protective Housing, Add	*9,534.75*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*17,381.85*	
26 32 13 19-0043	EA	250 KW, Industrial, Natural Gas Generator Set (Generac SG)	130,878.66	4,887.00
		For Steel Weather Protective Housing, Add	*9,534.75*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*17,381.85*	
26 32 13 19-0044	EA	275 KW, Industrial, Natural Gas Generator Set (Generac SG)	133,519.93	5,152.13
		For Steel Weather Protective Housing, Add	*9,534.75*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*17,381.85*	
26 32 13 19-0045	EA	300 KW, Industrial, Natural Gas Generator Set (Generac SG)	136,210.61	5,381.43
		For Steel Weather Protective Housing, Add	*9,534.75*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*17,381.85*	

26 32 13 19-0046 Natural Gas Or Propane Generator Sets (Taylor) *(26 32 13 19)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad without enclosure. Includes manufacturer's representative at startup. Excludes fuel tank, enclosure, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0717 for loadbank rental, 26 36 23 00-0000 for automatic transfer switches.

26 32 13 19-0047	EA	30 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG30)	27,624.55	1,279.08
26 32 13 19-0048	EA	40 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG40)	30,100.35	1,533.45
26 32 13 19-0049	EA	60 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG60)	31,412.34	2,042.22
26 32 13 19-0050	EA	80 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG80)	46,750.37	2,393.34
26 32 13 19-0051	EA	100 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG100)	50,876.31	2,780.28
26 32 13 19-0052	EA	125 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG125)	66,665.08	3,296.21
26 32 13 19-0053	EA	150 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG150)	69,856.41	3,633.01
26 32 13 19-0054	EA	200 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG200)	115,377.37	4,442.72
26 32 13 19-0055	EA	250 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG250)	161,223.28	4,887.00
26 32 13 19-0056	EA	350 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG350)	196,551.31	6,019.18
26 32 13 19-0057	EA	400 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG400)	234,266.00	6,592.43

26 32 13 19-0058 Natural Gas Or Propane Generator Sets (Kohler KG) *(26 32 13 19)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad. Includes startup and training. Excludes fuel, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0717 for loadbank rental, 01 22 23 00-0768 for fuel reimbursement, 26 36 23 00-0000 for automatic transfer switches.

26 32 13 19-0059	EA	40 KW Natural Gas Or Propane Generator Set, 3 Phase (Kohler KG40)	23,821.99	1,547.79
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*12,377.50*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,503.33*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*24,599.21*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,783.94*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*14,655.99*	
26 32 13 19-0060	EA	45 KW Natural Gas Or Propane Generator Set, 3 Phase (Kohler KG45)	25,166.59	1,669.61
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*12,377.50*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,503.33*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*24,599.21*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,783.94*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*14,655.99*	
26 32 13 19-0061	EA	50 KW Natural Gas Or Propane Generator Set, 3 Phase (Kohler KG50)	27,111.68	1,791.42
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*12,377.50*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,503.33*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*24,599.21*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,783.94*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*14,655.99*	
26 32 13 19-0062	EA	60 KW Natural Gas Or Propane Generator Set, 3 Phase (Kohler KG60)	28,514.06	2,042.22
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*12,377.50*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,503.33*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*24,599.21*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,783.94*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*14,655.99*	
26 32 13 19-0063	EA	80 KW Natural Gas Or Propane Generator Set, 3 Phase (Kohler KG80)	34,290.94	2,443.50
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*18,924.12*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*24,599.21*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*25,232.17*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*8,719.01*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*17,182.89*	
26 32 13 19-0064	EA	100 KW Natural Gas Or Propane Generator Set, 3 Phase (Kohler KG100)	38,660.42	2,751.62
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*18,924.12*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*24,599.21*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*25,232.17*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*8,719.01*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*17,182.89*	
26 32 13 19-0065	EA	125 KW Natural Gas Or Propane Generator Set, 3 Phase (Kohler KG125)	43,892.81	3,296.21
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*18,924.12*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*24,599.21*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*25,232.17*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*8,719.01*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*17,182.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 19-0066	EA	150 KW Natural Gas Or Propane Generator Set, 3 Phase (Kohler KG150)	52,611.37	3,633.01
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*18,924.12*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*24,599.21*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*25,232.17*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*8,719.01*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*17,182.89*	
26 32 13 19-0067	EA	180 KW Natural Gas Generator Set, 3 Phase (Kohler KG180)	76,817.13	9,663.50
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*51,506.37*	
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*46,529.24*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*76,341.70*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*50,874.02*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*68,675.15*	
26 32 13 19-0068	EA	200 KW Natural Gas Generator Set, 3 Phase (Kohler KG200)	87,434.04	4,363.90
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*51,506.37*	
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*46,529.24*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*76,341.70*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*50,874.02*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*68,675.15*	

26 32 13 19-0069 Small Natural Gas Or Propane Air-Cooled Generator Sets *(26 32 13 19)*

26 32 13 19-0070	EA	7.5 KW Natural Gas Or Propane Air-Cooled Generator Set Note: Includes weatherproof composite enclosure and 100 A automatic transfer switch.	5,260.47	604.13
26 32 13 19-0071	EA	10 KW Natural Gas Or Propane Air-Cooled Generator Set Note: Includes weatherproof composite enclosure and 200 A automatic transfer switch.	6,630.29	671.25
26 32 13 19-0072	EA	14 KW Natural Gas Or Propane Air-Cooled Generator Set Note: Includes weatherproof composite enclosure and 200 A automatic transfer switch.	7,645.83	738.38

26 32 29 Rotary Converters *(26 32)*

26 32 29 00-0001 60 Hz AC Input 230 Or 460 Volt, 125 Volt DC Output *(26 32 29)*

26 32 29 00-0002	EA	3 KW, 24 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	10,390.08	261.92
26 32 29 00-0003	EA	5 KW, 40 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	12,659.56	261.92
26 32 29 00-0004	EA	7.5 KW, 60 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	16,776.00	261.92
26 32 29 00-0005	EA	10 KW, 80 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	16,908.10	261.92
26 32 29 00-0006	EA	15 KW, 120 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	18,766.53	327.40
26 32 29 00-0007	EA	20 KW, 160 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	20,325.87	327.40
26 32 29 00-0008	EA	25 KW, 200 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	21,284.78	327.40
26 32 29 00-0009	EA	40 KW, 320 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	25,916.72	432.17
26 32 29 00-0010	EA	50 KW, 400 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	28,807.61	432.17

26 32 29 00-0011 60 Hz AC Input, 230 Or 460 Volt, 250 Volts DC Output *(26 32 29)*

26 32 29 00-0012	EA	3 KW, 12 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	12,033.07	261.92
26 32 29 00-0013	EA	5 KW, 20 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	14,352.34	261.92
26 32 29 00-0014	EA	7.5 KW, 30 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	16,418.53	261.92
26 32 29 00-0015	EA	10 KW, 40 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	16,874.58	261.92
26 32 29 00-0016	EA	15 KW, 60 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	19,111.56	327.40
26 32 29 00-0017	EA	20 KW, 80 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	21,020.41	327.40
26 32 29 00-0018	EA	25 KW, 100 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	21,714.95	327.40
26 32 29 00-0019	EA	40 KW, 160 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	25,813.66	432.17
26 32 29 00-0020	EA	50 KW, 200 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	27,386.45	432.17

26 32 29 00-0021 460 Volt 3 Phase AC Motor Drive 250 Volt DC *(26 32 29)*

26 32 29 00-0022	EA	33 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	30,009.62	5,015.98
26 32 29 00-0023	EA	40 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	33,246.66	5,015.98
26 32 29 00-0024	EA	50 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	37,796.30	7,165.69
26 32 29 00-0025	EA	65 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	44,141.06	7,165.69
26 32 29 00-0026	EA	85 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	50,130.71	7,165.69
26 32 29 00-0027	EA	100 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	58,804.32	10,748.53
26 32 29 00-0028	EA	125 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	71,210.88	10,748.53

26 32 36 Resistive Load Banks *(26 32)*

See CSI section 01 22 23 00-0717 for portable/trailer mounted resistive load bank for testing of generators, 26 32 13 00-0000 for generators.

26 32 36 00-0001 Stationary Resistive Load Banks *(26 32 36)*

Note: Controls include: Main Power On/Off switch, Blower Start/Stop push button, Master Load On/Off switch, Individual Load Step switches. Load Voltage Selector switch (dual voltage units), and Emergency Stop button. Fault condition smart indicators provide operator display and load disconnect during Air-Flow Failure, Over-temperature, Motor Overload, Load Dump, and Wrong Voltage Applied (dual voltage units). Control Power: An Integral Control Power Transformer is provided for control circuit operation. Cooling Power: Blower motor is factory-wired to the main load bus. Cooling: Integrally mounted blower motor with high-performance, direct-driven fan blade delivers the required airflow volume (CFM) for cooling resistor load elements. Motor circuits are short-circuit protected by current-limiting fuses and thermally protected by overload relay. Safety Features: Emergency-Stop push button allows the operator to take the unit off-line should a critical hard-stop condition occur. Branch circuit fuse protection provides short-circuit fault protection of all load steps eliminating the potential for catastrophic failure. Blower On, Motor Overload, Air-Flow Failure, and Over-temperature circuits disable all load steps during a fault condition with operator visual indicators. Dual Voltage units feature a Wrong Voltage Applied protection circuit which prevents the application of 480 VAC with the Load Voltage Selector switch in the 240 VAC position.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 36 00-0002	EA	100 KW, NEMA 3R, Galvanized Steel Enclosure, Wall Mounted, Stationary Resistive Load Bank	11,831.53	785.77
26 32 36 00-0003	EA	150 KW, NEMA 3R, Galvanized Steel Enclosure, Wall Mounted, Stationary Resistive Load Bank	12,711.23	872.52
26 32 36 00-0004	EA	200 KW, NEMA 3R, Galvanized Steel Enclosure, Wall Mounted, Permanent Resistive Load Bank	13,499.26	903.63
26 32 36 00-0005	EA	250 KW, NEMA 3R, Galvanized Steel Enclosure, Wall Mounted, Stationary Resistive Load Bank	14,284.66	938.33
26 32 36 00-0006	EA	300 KW, NEMA 3R, Galvanized Steel Enclosure, Wall Mounted, Stationary Resistive Load Bank	15,697.81	989.40
26 32 36 00-0007	EA	400 KW, NEMA 3R, Galvanized Steel Enclosure, Wall Mounted, Stationary Resistive Load Bank	17,110.96	1,040.48
26 32 36 00-0008	EA	500 KW, NEMA 3R, Galvanized Steel Enclosure, Wall Mounted, Stationary Resistive Load Bank	24,715.85	1,107.93
26 32 36 00-0009	EA	600 KW, NEMA 3R, Galvanized Steel Enclosure, Wall Mounted, Stationary Resistive Load Bank	30,501.10	1,165.54
26 32 36 00-0010	EA	750 KW, NEMA 3R, Galvanized Steel Enclosure, Wall Mounted, Stationary Resistive Load Bank	33,637.72	1,221.86
26 32 36 00-0011	EA	800 KW, NEMA 3R, Galvanized Steel Enclosure, Wall Mounted, Stationary Resistive Load Bank	33,878.69	1,342.35
26 32 36 00-0012	EA	1,000 KW, NEMA 3R, Galvanized Steel Enclosure, Wall Mounted, Stationary Resistive Load Bank	44,609.34	1,462.17
26 32 36 00-0013	EA	1,250 KW, NEMA 3R, Galvanized Steel Enclosure, Wall Mounted, Stationary Resistive Load Bank	58,604.98	1,702.48
26 32 36 00-0014	EA	1,500 KW, NEMA 3R, Galvanized Steel Enclosure, Pad/Floor Mounted, Stationary Resistive Load Bank	71,928.11	2,621.55
26 32 36 00-0015	EA	2,000 KW, NEMA 3R, Galvanized Steel Enclosure, Pad/Floor Mounted, Stationary Resistive Load Bank	80,541.73	3,145.87
26 32 36 00-0016	EA	2,500 KW, NEMA 3R, Galvanized Steel Enclosure, Pad/Floor Mounted, Stationary Resistive Load Bank	89,264.31	3,382.15
26 32 36 00-0017	EA	3,000 KW, NEMA 3R, Galvanized Steel Enclosure, Pad/Floor Mounted, Stationary Resistive Load Bank	97,340.35	3,670.18

26 32 36 00-0018 Load Bank Docking Stations *(26 32 36)*

26 32 36 00-0019	EA	100 AMP, 3-Pole Molded Case Breaker With Electronic Trip, NEMA 3R Steel Enclosure, Wall Mounted, Load Bank Docking Station	6,360.09	523.84
26 32 36 00-0020	EA	200 AMP, 3-Pole Molded Case Breaker With Electronic Trip, NEMA 3R Steel Enclosure, Wall Mounted, Load Bank Docking Station	7,627.07	654.80
26 32 36 00-0021	EA	250 AMP, 3-Pole Molded Case Breaker With Electronic Trip, NEMA 3R Steel Enclosure, Wall Mounted, Load Bank Docking Station	9,423.80	785.77
26 32 36 00-0022	EA	400 AMP, 3-Pole Molded Case Breaker With Electronic Trip, NEMA 3R Steel Enclosure, Wall Mounted, Load Bank Docking Station	11,987.93	916.73
26 32 36 00-0023	EA	500 AMP, 3-Pole Molded Case Breaker With Electronic Trip, NEMA 3R Steel Enclosure, Wall Mounted, Load Bank Docking Station	12,497.04	1,047.68
26 32 36 00-0024	EA	600 AMP, 3-Pole Molded Case Breaker With Electronic Trip, NEMA 3R Steel Enclosure, Wall Mounted, Load Bank Docking Station	13,006.15	1,178.64
26 32 36 00-0025	EA	800 AMP, 3-Pole Molded Case Breaker With Electronic Trip, NEMA 3R Steel Enclosure, Wall Mounted, Load Bank Docking Station	15,598.29	1,309.61
26 32 36 00-0026	EA	1,000 AMP, 3-Pole Molded Case Breaker With Electronic Trip, NEMA 3R Steel Enclosure, Pad/Floor Mounted, Load Bank Docking Station	26,820.08	1,817.61
26 32 36 00-0027	EA	1,200 AMP, 3-Pole Molded Case Breaker With Electronic Trip, NEMA 3R Steel Enclosure, Pad/Floor Mounted, Load Bank Docking Station	30,501.65	1,957.42
26 32 36 00-0028	EA	1,600 AMP, 3-Pole Molded Case Breaker With Electronic Trip, NEMA 3R Steel Enclosure, Pad/Floor Mounted, Load Bank Docking Station	34,036.80	2,097.24
26 32 36 00-0029	EA	2,000 AMP, 3-Pole Molded Case Breaker With Electronic Trip, NEMA 3R Steel Enclosure, Pad/Floor Mounted, Load Bank Docking Station	41,098.78	2,237.06
26 32 36 00-0030	EA	2,400 AMP, 3-Pole Molded Case Breaker With Electronic Trip, NEMA 3R Steel Enclosure, Pad/Floor Mounted, Load Bank Docking Station	46,808.46	2,446.79
26 32 36 00-0031	EA	2,800 AMP, 3-Pole Molded Case Breaker With Electronic Trip, NEMA 3R Steel Enclosure, Pad/Floor Mounted, Load Bank Docking Station	54,824.12	2,656.51
26 32 36 00-0032	EA	3,000 AMP, 3-Pole Molded Case Breaker With Electronic Trip, NEMA 3R Steel Enclosure, Pad/Floor Mounted, Load Bank Docking Station	64,649.32	2,866.24
26 32 36 00-0033	EA	3,200 AMP, 3-Pole Molded Case Breaker With Electronic Trip, NEMA 3R Steel Enclosure, Pad/Floor Mounted, Load Bank Docking Station	66,425.24	3,075.96
26 32 36 00-0034	EA	3,600 AMP, 3-Pole Molded Case Breaker With Electronic Trip, NEMA 3R Steel Enclosure, Pad/Floor Mounted, Load Bank Docking Station	68,340.98	3,355.59
26 32 36 00-0035	EA	4,000 AMP, 3-Pole Molded Case Breaker With Electronic Trip, NEMA 3R Steel Enclosure, Pad/Floor Mounted, Load Bank Docking Station	75,682.59	3,635.22
26 32 36 00-0036	EA	100 AMP, 3-Pole Molded Case Breaker With Electronic Trip, NEMA 3R Stainless Steel Enclosure, Wall Mounted, Load Bank Docking Station	8,861.14	523.84
26 32 36 00-0037	EA	200 AMP, 3-Pole Molded Case Breaker With Electronic Trip, NEMA 3R Stainless Steel Enclosure, Wall Mounted, Load Bank Docking Station	10,002.49	654.80
26 32 36 00-0038	EA	250 AMP, 3-Pole Molded Case Breaker With Electronic Trip, NEMA 3R Stainless Steel Enclosure, Wall Mounted, Load Bank Docking Station	11,607.36	785.77
26 32 36 00-0039	EA	400 AMP, 3-Pole Molded Case Breaker With Electronic Trip, NEMA 3R Stainless Steel Enclosure, Wall Mounted, Load Bank Docking Station	13,883.70	916.73
26 32 36 00-0040	EA	500 AMP, 3-Pole Molded Case Breaker With Electronic Trip, NEMA 3R Stainless Steel Enclosure, Wall Mounted, Load Bank Docking Station	14,361.92	1,047.68
26 32 36 00-0041	EA	600 AMP, 3-Pole Molded Case Breaker With Electronic Trip, NEMA 3R Stainless Steel Enclosure, Wall Mounted, Load Bank Docking Station	14,840.13	1,178.64
26 32 36 00-0042	EA	800 AMP, 3-Pole Molded Case Breaker With Electronic Trip, NEMA 3R Stainless Steel Enclosure, Wall Mounted, Load Bank Docking Station	17,141.00	1,309.61
26 32 36 00-0043	EA	1,000 AMP, 3-Pole Molded Case Breaker With Electronic Trip, NEMA 3R Stainless Steel Enclosure, Pad/Floor Mounted, Load Bank Docking Station	59,157.72	1,817.61
26 32 36 00-0044	EA	1,200 AMP, 3-Pole Molded Case Breaker With Electronic Trip, NEMA 3R Stainless Steel Enclosure, Pad/Floor Mounted, Load Bank Docking Station	73,104.26	1,957.42
26 32 36 00-0045	EA	1,600 AMP, 3-Pole Molded Case Breaker With Electronic Trip, NEMA 3R Stainless Steel Enclosure, Pad/Floor Mounted, Load Bank Docking Station	74,876.01	2,097.24
26 32 36 00-0046	EA	2,000 AMP, 3-Pole Molded Case Breaker With Electronic Trip, NEMA 3R Stainless Steel Enclosure, Pad/Floor Mounted, Load Bank Docking Station	76,647.75	2,237.06
26 32 36 00-0047	EA	2,400 AMP, 3-Pole Molded Case Breaker With Electronic Trip, NEMA 3R Stainless Steel Enclosure, Pad/Floor Mounted, Load Bank Docking Station	78,559.32	2,446.79
26 32 36 00-0048	EA	2,800 AMP, 3-Pole Molded Case Breaker With Electronic Trip, NEMA 3R Stainless Steel Enclosure, Pad/Floor Mounted, Load Bank Docking Station	87,131.68	2,656.51
26 32 36 00-0049	EA	3,000 AMP, 3-Pole Molded Case Breaker With Electronic Trip, NEMA 3R Stainless Steel Enclosure, Pad/Floor Mounted, Load Bank Docking Station	89,043.24	2,866.24
26 32 36 00-0050	EA	3,200 AMP, 3-Pole Molded Case Breaker With Electronic Trip, NEMA 3R Stainless Steel Enclosure, Pad/Floor Mounted, Load Bank Docking Station	90,954.81	3,075.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 36 00-0051	EA	3,600 AMP, 3-Pole Molded Case Breaker With Electronic Trip, NEMA 3R Stainless Steel Enclosure, Pad/Floor Mounted, Load Bank Docking Station	93,006.20	3,355.59
26 32 36 00-0052	EA	4,000 AMP, 3-Pole Molded Case Breaker With Electronic Trip, NEMA 3R Stainless Steel Enclosure, Pad/Floor Mounted, Load Bank Docking Station	95,057.58	3,635.22

26 33 Battery Equipment *(26 30)*

26 33 13 Batteries *(26 33)*

26 33 13 00-0001 Standby Batteries *(26 33 13)*

26 33 13 00-0002	EA	12 Volt, 100 Ampere Hours To 10.5 Volt Capacity, 6-Cell, Valve Regulated Lead-Calcium, Standby Battery	1,272.67	32.79
26 33 13 00-0003	EA	12 Volt, 100 Ampere Hours To 10.5 Volt Capacity, 6-Cell, Valve Regulated Lead-Calcium, Standby Battery With Steel Jacket	1,374.97	32.79
26 33 13 00-0004	EA	725CCA, Group 31, 12 Volt Lead Calcium Standby Battery	372.71	32.79
26 33 13 00-0005	EA	810CCA, Group 24, 12 Volt Lead Calcium Standby Battery	338.93	32.79
26 33 13 00-0006	EA	1080CCA, Group 4D, 12 Volt Lead Calcium Standby Battery	579.79	32.79
26 33 13 00-0007	EA	1400CCA, Group 8D, 12 Volt Lead Calcium Standby Battery	673.12	32.79

26 33 43 Battery Chargers *(26 33)*

26 33 43 00-0001 Solid State Chargers, Single Phase *(26 33 43)*

Note: Includes wall bracket, 10' of DC charging cable and standard connector, 208/240/480 V.

26 33 43 00-0002	EA	Solid State Battery Charger, 6 Cell Single Phase With Wall Bracket, 208/240/480 Volt	3,608.57	747.83
26 33 43 00-0003	EA	Solid State Battery Charger, 9 Cell Single Phase With Wall Bracket, 208/240/480 Volt	4,215.51	747.83
26 33 43 00-0004	EA	Solid State Battery Charger, 12 Cell Single Phase With Wall Bracket, 208/240/480 Volt	4,641.12	747.83
26 33 43 00-0005	EA	Solid State Battery Charger, 18 Cell Single Phase With Wall Bracket, 208/240/480 Volt	4,909.06	885.43

26 33 53 Static Uninterruptible Power Supply *(26 33)*

26 33 53 00-0001 Single Phase, Uninterruptible Power Supply Systems (UPS) *(26 33 53)*

26 33 53 00-0002 Single Phase, Uninterruptible Power Supply Systems (UPS) *(26 33 53 00-0001)*

26 33 53 00-0003 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) *(26 33 53 00-0002)*

Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.

26 33 53 00-0004	EA	0.5 kVA, 450 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-500RT120) Note: Includes 12 minutes of battery backup at full load.	1,246.25	129.66
26 33 53 00-0005	EA	0.7 kVA, 630 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-700RT120) Note: Includes 6 minutes of battery backup at full load.	1,488.59	151.26
26 33 53 00-0006	EA	1 kVA, 900 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1000RT120) Note: Includes 5 minutes of battery backup at full load.	1,834.57	172.86
26 33 53 00-0007	EA	1.5 KVA, 1,350 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1500RT120) Note: Includes 5 minutes of battery backup at full load.	2,240.81	194.48
26 33 53 00-0008	EA	2 KVA, 1,800 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-2000RT120) Note: Includes 4 minutes of battery backup at full load.	2,874.78	216.08
26 33 53 00-0009	EA	3 KVA, 2,700 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT120) Note: Includes 4 minutes of battery backup at full load.	4,628.42	259.30

26 33 53 00-0010 208 Volt AC Output, 208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) *(26 33 53 00-0002)*

Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.

26 33 53 00-0011	EA	3 KVA, 2,700 Watt, 208 Volt AC Output, 208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT208) Note: Includes 4 minutes of battery backup at full load.	4,543.29	259.30

26 33 53 00-0012 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) *(26 33 53 00-0002)*

Note: Rack mount or tower configuration. Includes 50 or 60 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.

26 33 53 00-0013	EA	5 KVA, 4,000 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-5000RT208) Note: Includes 5 minutes of battery backup at full load.	7,007.50	345.74
26 33 53 00-0014	EA	6 KVA, 4,800 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-6000RT208) Note: Includes 4 minutes of battery backup at full load.	7,663.43	388.96
26 33 53 00-0015	EA	8 KVA, 7,200 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-8000RT208) Note: Includes 7 minutes of battery backup at full load.	11,457.14	475.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 33 53 00-0016	EA	10 KVA, 9,000 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-10000RT208) Note: Includes 4-1/2 minutes of battery backup at full load.	13,169.61	518.60
26 33 53 00-0017		230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) *(26 33 53 00-0002)* Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.		
26 33 53 00-0018	EA	0.7 KVA, 630 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-700RT230) Note: Includes 11 minutes of battery backup at full load.	1,488.59	151.26
26 33 53 00-0019	EA	1 KVA, 900 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1000RT230) Note: Includes 6 minutes of battery backup at full load.	1,834.57	172.86
26 33 53 00-0020	EA	1.5 KVA, 1,350 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1500RT230) Note: Includes 4 minutes of battery backup at full load.	2,265.96	194.48
26 33 53 00-0021	EA	2 KVA, 1,800 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-2000RT230) Note: Includes 4 minutes of battery backup at full load.	2,880.85	216.08
26 33 53 00-0022	EA	3 KVA, 2,700 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT230) Note: Includes 4 minutes of battery backup at full load.	4,647.31	259.30
26 33 53 00-0023	EA	5 KVA, 4,000 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-5000RT230) Note: Includes 9 minutes of battery backup at full load.	6,723.21	345.74
26 33 53 00-0024	EA	6 KVA, 4,800 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-6000RT230) Note: Includes 6 minutes of battery backup at full load.	8,254.48	388.96
26 33 53 00-0025	EA	10 KVA, 9,000 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-10000RT230) Note: Includes 3 minutes of battery backup at full load.	12,763.22	518.60
26 33 53 00-0026		Optional Accessories For Single Phase, Uninterruptible Power Supply Systems *(26 33 53 00-0001)*		
26 33 53 00-0027	EA	External Battery Cabinet For 0.5 To 2 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-48VBATT) Note: Rack mount or tower configuration.	825.56	39.29
26 33 53 00-0028	EA	External Battery Cabinet For 3 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-72VBATT) Note: Rack mount or tower configuration.	1,081.28	39.29
26 33 53 00-0029	EA	External Battery Cabinet For 5 To 6 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-144VBATT) Note: Rack mount or tower configuration.	1,052.81	39.29
26 33 53 00-0030	EA	External Battery Cabinet For 8 To 10 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-288RTVBATT) Note: Rack mount or tower configuration.	715.40	39.29
26 33 53 00-0031	EA	Internal Replacement Battery For 5 To 6 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-144VBATKIT)	1,059.21	129.66
26 33 53 00-0032	EA	Internal Replacement Battery For 8 To 10 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-288RTBKIT)	1,190.17	172.86
26 33 53 00-0033		Three Phase, Uninterruptible Power Supply Systems (UPS) *(26 33 53)*		
26 33 53 00-0034		208 Volt AC Output, 120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) With Internal Battery *(26 33 53 00-0033)* Note: Includes start-up, 60 Hz frequency, bypass switch and diagnostics.		
26 33 53 00-0035	EA	10 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS)	44,215.60	518.60
26 33 53 00-0036	EA	15 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS)	48,962.65	691.47
26 33 53 00-0037	EA	20 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS)	54,739.74	864.34
26 33 53 00-0038	EA	30 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS)	59,383.78	1,037.20
26 33 53 00-0039	EA	40 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS)	71,444.18	1,210.08
26 33 53 00-0040		208 Volt AC Output, 120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) Without Internal Battery *(26 33 53 00-0033)* Note: Excludes Internal Battery See CSI section 26 33 53 00-0055 for batteries.		
26 33 53 00-0041	EA	60 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	97,348.15	2,202.11
26 33 53 00-0042	EA	80 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	106,002.76	2,726.42
26 33 53 00-0043	EA	100 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	117,289.40	3,180.82
26 33 53 00-0044	EA	120 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	144,666.78	3,600.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 33 53 00-0045	EA	140 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	150,288.15	4,019.72
26 33 53 00-0046	EA	160 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	156,196.24	4,439.17
26 33 53 00-0047	EA	180 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	163,340.40	4,858.62
26 33 53 00-0048	EA	200 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	170,484.55	5,278.07
26 33 53 00-0049		480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) Without Internal Battery *(26 33 53 00-0033)*		
		Note: Excludes Internal Battery See CSI section 26 33 53 00-0055 for batteries.		
26 33 53 00-0050	EA	50 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	90,845.84	1,817.61
26 33 53 00-0051	EA	100 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	117,907.43	3,194.80
26 33 53 00-0052	EA	150 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	160,954.57	3,691.15
26 33 53 00-0053	EA	200 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	189,465.00	4,054.67
26 33 53 00-0054	EA	250 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	221,477.61	4,474.12
26 33 53 00-0055		Optional Accessories For Three Phase, Uninterruptible Power Supply Systems *(26 33 53 00-0033)*		
26 33 53 00-0056	EA	Programmable Relay Board For Three Phase Uninterruptible Power Supply Systems	736.61	65.48
26 33 53 00-0057	EA	Network Interface Card For Three Phase Uninterruptible Power Supply Systems	1,185.27	65.48
26 33 53 00-0058	EA	Remote Status Panel With 100' Of Cable For Three Phase Uninterruptible Power Supply Systems	2,276.41	130.96
26 33 53 00-0059	EA	Slim Line Distribution Panel With Two 42 Pole Panels For Three Phase Uninterruptible Power Supply Systems	7,086.43	523.84
26 33 53 00-0060	EA	12 Volt, 491 Watt, 3 Phase, 134 Ampere Hours, Battery For Uninterruptible Power Supply Systems (C&D UPS12-490MR)	672.69	65.48
26 33 53 00-0061	EA	12 Volt, 204 Watt, 3 Phase, 55 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX200)	367.08	65.48
26 33 53 00-0062	EA	12 Volt, 257 Watt, 3 Phase, 65 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX250)	411.67	65.48
26 33 53 00-0063	EA	12 Volt, 311 Watt, 3 Phase, 75 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX300)	456.27	65.48
26 33 53 00-0064	EA	12 Volt, 374 Watt, 3 Phase, 90 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX350)	536.54	65.48
26 33 53 00-0065	EA	12 Volt, 415 Watt, 3 Phase, 100 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX400)	563.30	65.48
26 33 53 00-0066	EA	12 Volt, 493 Watt, 3 Phase, 135 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX500)	701.55	65.48
26 33 53 00-0067	EA	12 Volt, 540 Watt, 3 Phase, 150 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX540)	734.99	65.48
26 33 53 00-0068		Other Uninterruptable Power Supply Equipment *(26 33 53)*		
26 33 53 00-0069	EA	Uninterrupted Power Supply Slim-Line Distribution Panel 42 Pole GE Plug-In	6,588.99	119.65
26 33 53 00-0070	EA	Uninterrupted Power Supply Slim-Line Distribution Panel 84 Pole GE Plug-In	7,923.07	239.30
26 33 53 00-0071	EA	1 Pole, 15 To 60 Amperes, GE Plug-In Breakers For UPS Distribution Panel	34.06	7.18
26 33 53 00-0072	EA	2 Pole, 15 To 40 Amperes, GE Plug-In Breakers For UPS Distribution Panel	61.74	8.97
26 33 53 00-0073	EA	2 Pole, 50 To 80 Amperes, GE Plug-In Breakers For UPS Distribution Panel	116.48	8.97
26 33 53 00-0074	EA	3 Pole, 15 To 60 Amperes, GE Plug-In Breakers For UPS Distribution Panel	170.63	11.97
26 33 53 00-0075	EA	3 Pole, 70 To 100 Amperes, GE Plug-In Breakers For UPS Distribution Panel	242.88	11.97
26 33 53 00-0076	EA	Uninterrupted Power Supply Remote Status Panel	4,508.92	119.65
26 33 53 00-0077	EA	Uninterrupted Power Supply Remote Contact Board	1,493.19	89.74
26 33 53 00-0078		Battery Backup Uninterruptible Power Supply (UPS) *(26 33 53)*		
26 33 53 00-0079	EA	1000 VA, 600 Watt, 120 Volt, Battery Backup Uninterruptible Power Supply (UPS) (APC SMC1000)	727.17	
		Note: With 8 battery backup and surge protector outlets		
26 33 53 00-0080	EA	1500 VA, 900 Watt, 120 Volt, Battery Backup Uninterruptible Power Supply (UPS) (APC SMC1500)	898.63	
		Note: With 8 battery backup and surge protector outlets		

26 35 Power Filters and Conditioners *(26 30)*

26 35 33 Power Factor Correction Equipment *(26 35)*

26 35 33 16 Low-Voltage Power Factor Correction Equipment *(26 35 33)*

26 35 33 16-0001		Power Factor Correction Capacitors *(26 35 33 16)*		
26 35 33 16-0002	EA	Power Factor Correction Capacitors, 2.0 KVAC	1,226.58	
26 35 33 16-0003	EA	Power Factor Correction Capacitors, 3.0 KVAC	1,358.48	
26 35 33 16-0004	EA	Power Factor Correction Capacitors, 4.0 KVAC	1,490.37	
26 35 33 16-0005	EA	Power Factor Correction Capacitors, 5.0 KVAC	1,616.98	
26 35 33 16-0006	EA	Power Factor Correction Capacitors, 7.5 KVAC	1,986.28	
26 35 33 16-0007	EA	Power Factor Correction Capacitors, 10.0 KVAC	2,426.79	
26 35 33 16-0008	EA	Power Factor Correction Capacitors, 15.0 KVAC	3,748.34	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 35 33 16-0009	EA	Power Factor Correction Capacitors, 20.0 KVAC	4,552.87	
26 35 33 16-0010	EA	Power Factor Correction Capacitors, 25.0 KVAC	5,882.33	
26 35 33 16-0011	EA	Power Factor Correction Capacitors, 30.0 KVAC	6,689.50	
26 35 33 16-0012	EA	Power Factor Correction Capacitors, 50.0 KVAC	11,738.28	
26 35 33 16-0013	EA	Power Factor Correction Capacitors, 75.0 KVAC	17,649.63	
26 35 33 16-0014	EA	Power Factor Correction Capacitors, 100.0 KVAC	23,534.60	
26 35 33 16-0015	EA	Power Factor Correction Capacitors, Fuse Kit	1,092.06	

26 35 43 Static-Frequency Converters *(26 35)*

26 35 43 00-0001 Rotary Phase Converter With NEMA 1 Indoor Enclosure *(26 35 43)*

26 35 43 00-0002	EA	750 Watt Output Rotary Phase Converter With NEMA 1 Enclosure	760.45	130.96
26 35 43 00-0003	EA	2 KW Output Rotary Phase Converter With NEMA 1 Enclosure	1,324.39	157.15
26 35 43 00-0004	EA	3 KW Output Rotary Phase Converter With NEMA 1 Enclosure	1,518.43	209.54
26 35 43 00-0005	EA	5 KW Output Rotary Phase Converter With NEMA 1 Enclosure	2,084.94	261.92
26 35 43 00-0006	EA	7 KW Output Rotary Phase Converter With NEMA 1 Enclosure	2,871.78	340.50
26 35 43 00-0007	EA	11 KW Output Rotary Phase Converter With NEMA 1 Enclosure	3,711.09	419.08
26 35 43 00-0008	EA	15 KW Output Rotary Phase Converter With NEMA 1 Enclosure	4,655.36	497.65
26 35 43 00-0009	EA	21 KW Output Rotary Phase Converter With NEMA 1 Enclosure	5,678.37	563.13
26 35 43 00-0010	EA	29 KW Output Rotary Phase Converter With NEMA 1 Enclosure	6,596.27	680.99
26 35 43 00-0011	EA	36 KW Output Rotary Phase Converter With NEMA 1 Enclosure	7,553.62	766.12
26 35 43 00-0012	EA	44 KW Output Rotary Phase Converter With NEMA 1 Enclosure	8,510.98	851.24
26 35 43 00-0013	EA	55 KW Output Rotary Phase Converter With NEMA 1 Enclosure	10,569.99	1,028.04
26 35 43 00-0014	EA	74 KW Output Rotary Phase Converter With NEMA 1 Enclosure	13,743.94	1,237.57
26 35 43 00-0015	EA	87 KW Output Rotary Phase Converter With NEMA 1 Enclosure	17,429.31	1,506.04
26 35 43 00-0016	EA	110 KW Output Rotary Phase Converter With NEMA 1 Enclosure	19,934.07	1,761.41
26 35 43 00-0017	EA	125 KW Output Rotary Phase Converter With NEMA 1 Enclosure	25,692.42	1,964.41
26 35 43 00-0018	EA	165 KW Output Rotary Phase Converter With NEMA 1 Enclosure	39,334.77	2,226.32
26 35 43 00-0019	EA	220 KW Output Rotary Phase Converter With NEMA 1 Enclosure	58,749.26	2,488.25

26 35 53 Voltage Regulators *(26 35)*

26 35 53 00-0001 Voltage Regulators, 480/277 Or 208/120 Volt, 3 Phase *(26 35 53)*

Note: For diesel motor generator sets mounted in switchgear cabinet.

26 35 53 00-0002	EA	50 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear	7,733.16	2,082.27
26 35 53 00-0003	EA	75 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear	8,816.74	2,619.21
26 35 53 00-0004	EA	100 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear	9,814.53	3,116.86

26 36 Transfer Switches *(26 30)*

26 36 13 Manual Transfer Switches *(26 36)*

26 36 13 00-0001 Fused Manual Transfer Switches *(26 36 13)*

26 36 13 00-0002	EA	30 Amperes, Manual Transfer Switch, Fused, 3 Pole, 480 Volt	1,458.75	229.18
26 36 13 00-0003	EA	60 Amperes, Manual Transfer Switch, Fused, 3 Pole, 480 Volt	1,700.12	284.71

26 36 13 00-0004 Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 13)*

26 36 13 00-0005	EA	40 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT40)	3,705.01	335.62
		For NEMA 12 Enclosure, Add	*1,123.62*	
		For NEMA 3R Enclosure, Add	*1,193.86*	
26 36 13 00-0006	EA	70 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT70)	4,101.95	402.75
		For NEMA 12 Enclosure, Add	*1,123.62*	
		For NEMA 3R Enclosure, Add	*1,193.86*	
26 36 13 00-0007	EA	125 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT125)	4,654.68	469.88
		For NEMA 12 Enclosure, Add	*1,123.62*	
		For NEMA 3R Enclosure, Add	*1,193.86*	
26 36 13 00-0008	EA	150 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT150)	5,783.93	537.00
		For NEMA 12 Enclosure, Add	*1,123.62*	
		For NEMA 3R Enclosure, Add	*1,404.54*	
26 36 13 00-0009	EA	225 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT225)	7,165.01	604.13
		For NEMA 12 Enclosure, Add	*1,123.62*	
		For NEMA 3R Enclosure, Add	*1,404.54*	
26 36 13 00-0010	EA	260 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT260)	8,056.42	671.25
		For NEMA 12 Enclosure, Add	*1,123.62*	
		For NEMA 3R Enclosure, Add	*1,404.54*	
26 36 13 00-0011	EA	300 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT300)	8,961.98	738.38
		For NEMA 12 Enclosure, Add	*1,404.54*	
		For NEMA 3R Enclosure, Add	*1,657.35*	
26 36 13 00-0012	EA	400 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT400)	10,528.13	805.51
		For NEMA 12 Enclosure, Add	*1,404.54*	
		For NEMA 3R Enclosure, Add	*1,657.35*	
26 36 13 00-0013	EA	600 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT600)	13,929.87	1,006.88
		For NEMA 12 Enclosure, Add	*1,404.54*	
		For NEMA 3R Enclosure, Add	*1,657.35*	
26 36 13 00-0014	EA	800 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT800)	15,664.08	1,208.25
		For NEMA 12 Enclosure, Add	*1,966.35*	
		For NEMA 3R Enclosure, Add	*2,036.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 13 00-0015	EA	1,000 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT1000)	20,909.36	1,719.76
		For NEMA 12 Enclosure, Add	*1,966.35*	
		For NEMA 3R Enclosure, Add	*2,036.56*	

26 36 23 Automatic Transfer Switches *(26 36)*

26 36 23 00-0001 Automatic Transfer Switch *(26 36 23)*

26 36 23 00-0002 Automatic Transfer Switch, 2 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 23 00-0001)*

Note: Programmable, 120/240 volt single phase, 3 wire.

26 36 23 00-0003	EA	100 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	3,330.23	469.88
		For Level 2 Controller, Add	*185.26*	
		For Level 3 Controller, Add	*382.48*	
		For Level 4 Controller, Add	*555.79*	
26 36 23 00-0004	EA	225 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	4,534.15	604.13
		For Level 2 Controller, Add	*257.76*	
		For Level 3 Controller, Add	*532.14*	
		For Level 4 Controller, Add	*773.27*	
26 36 23 00-0005	EA	400 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	7,223.48	805.51
		For Level 2 Controller, Add	*434.97*	
		For Level 3 Controller, Add	*898.00*	
		For Level 4 Controller, Add	*1,304.90*	
26 36 23 00-0006	EA	600 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	11,779.49	1,006.88
		For Level 2 Controller, Add	*756.84*	
		For Level 3 Controller, Add	*1,562.52*	
		For Level 4 Controller, Add	*2,270.53*	

26 36 23 00-0007 Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 23 00-0001)*

26 36 23 00-0008	EA	40 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC40)	5,541.23	335.62
		For NEMA 4 Enclosure, Add	*1,264.08*	
		For NEMA 12 Enclosure, Add	*1,264.08*	
		For Level 2 Controller, Add	*377.42*	
		For Level 3 Controller, Add	*779.20*	
		For Level 4 Controller, Add	*1,132.27*	
		For NEMA 3R Enclosure, Add	*1,193.86*	
26 36 23 00-0009	EA	70 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC70)	6,395.28	402.75
		For NEMA 4 Enclosure, Add	*1,264.08*	
		For NEMA 12 Enclosure, Add	*1,264.08*	
		For Level 2 Controller, Add	*433.21*	
		For Level 3 Controller, Add	*894.36*	
		For Level 4 Controller, Add	*1,299.62*	
		For NEMA 3R Enclosure, Add	*1,193.86*	
26 36 23 00-0010	EA	100 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC100)	6,710.92	436.31
		For NEMA 4 Enclosure, Add	*1,264.08*	
		For NEMA 12 Enclosure, Add	*1,264.08*	
		For Level 2 Controller, Add	*452.47*	
		For Level 3 Controller, Add	*934.13*	
		For Level 4 Controller, Add	*1,357.40*	
		For NEMA 3R Enclosure, Add	*1,193.86*	
26 36 23 00-0011	EA	125 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC125)	7,026.56	469.88
		For NEMA 4 Enclosure, Add	*1,264.08*	
		For NEMA 12 Enclosure, Add	*1,264.08*	
		For Level 2 Controller, Add	*471.73*	
		For Level 3 Controller, Add	*973.89*	
		For Level 4 Controller, Add	*1,415.18*	
		For NEMA 3R Enclosure, Add	*1,193.86*	
26 36 23 00-0012	EA	150 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC150)	8,362.22	537.00
		For NEMA 12 Enclosure, Add	*1,264.08*	
		For NEMA 4 Enclosure, Add	*1,825.89*	
		For NEMA 3R Enclosure, Add	*1,404.54*	
		For Level 2 Controller, Add	*564.84*	
		For Level 3 Controller, Add	*1,166.11*	
		For Level 4 Controller, Add	*1,694.51*	
26 36 23 00-0013	EA	225 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC225)	9,549.78	604.13
		For NEMA 12 Enclosure, Add	*1,264.08*	
		For NEMA 4 Enclosure, Add	*1,825.89*	
		For NEMA 3R Enclosure, Add	*1,404.54*	
		For Level 2 Controller, Add	*646.47*	
		For Level 3 Controller, Add	*1,334.64*	
		For Level 4 Controller, Add	*1,939.41*	
26 36 23 00-0014	EA	260 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC260)	10,537.76	671.25
		For NEMA 12 Enclosure, Add	*1,264.08*	
		For NEMA 4 Enclosure, Add	*1,825.89*	
		For NEMA 3R Enclosure, Add	*1,404.54*	
		For Level 2 Controller, Add	*712.63*	
		For Level 3 Controller, Add	*1,471.24*	
		For Level 4 Controller, Add	*2,137.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0015	EA	300 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC300)	11,005.51	738.38
		For NEMA 12 Enclosure, Add	*1,404.54*	
		For NEMA 3R Enclosure, Add	*1,657.35*	
		For NEMA 4 Enclosure, Add	*1,966.35*	
		For Level 2 Controller, Add	*738.48*	
		For Level 3 Controller, Add	*1,524.60*	
		For Level 4 Controller, Add	*2,215.44*	
26 36 23 00-0016	EA	400 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC400)	12,450.62	805.51
		For NEMA 12 Enclosure, Add	*1,404.54*	
		For NEMA 3R Enclosure, Add	*1,657.35*	
		For NEMA 4 Enclosure, Add	*1,966.35*	
		For Level 2 Controller, Add	*840.07*	
		For Level 3 Controller, Add	*1,734.34*	
		For Level 4 Controller, Add	*2,520.21*	
26 36 23 00-0017	EA	600 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC600)	17,076.93	1,006.88
		For NEMA 12 Enclosure, Add	*1,404.54*	
		For NEMA 3R Enclosure, Add	*1,657.35*	
		For NEMA 4 Enclosure, Add	*1,966.35*	
		For Level 2 Controller, Add	*1,167.40*	
		For Level 3 Controller, Add	*2,410.11*	
		For Level 4 Controller, Add	*3,502.19*	
26 36 23 00-0018	EA	800 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC800)	19,139.50	1,208.25
		For NEMA 3R Enclosure, Add	*2,036.56*	
		For Level 2 Controller, Add	*1,296.03*	
		For Level 3 Controller, Add	*2,675.68*	
		For Level 4 Controller, Add	*3,888.09*	
		For NEMA 4 Enclosure, Add	*2,247.26*	
		For NEMA 12 Enclosure, Add	*1,966.35*	
26 36 23 00-0019	EA	1,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1000)	24,971.95	1,719.76
		For NEMA 3R Enclosure, Add	*2,036.56*	
		For Level 2 Controller, Add	*1,668.76*	
		For Level 3 Controller, Add	*3,445.19*	
		For Level 4 Controller, Add	*5,006.29*	
		For NEMA 4 Enclosure, Add	*2,247.26*	
		For NEMA 12 Enclosure, Add	*1,966.35*	
26 36 23 00-0020	EA	1,200 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1200)	32,459.07	1,863.07
		For NEMA 3R Enclosure, Add	*4,494.50*	
		For NEMA 4 Enclosure, Add	*2,528.16*	
		For Level 2 Controller, Add	*2,226.80*	
		For Level 3 Controller, Add	*4,597.27*	
		For Level 4 Controller, Add	*6,680.40*	
		For NEMA 12 Enclosure, Add	*2,106.80*	
26 36 23 00-0021	EA	1,600 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1600)	34,583.99	2,149.70
		For NEMA 3R Enclosure, Add	*7,303.55*	
		For NEMA 4 Enclosure, Add	*8,988.98*	
		For NEMA 12 Enclosure, Add	*7,303.55*	
		For Level 2 Controller, Add	*2,347.05*	
		For Level 3 Controller, Add	*4,845.53*	
		For Level 4 Controller, Add	*7,041.16*	
26 36 23 00-0022	EA	2,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC2000)	39,545.39	2,436.33
		For NEMA 3R Enclosure, Add	*7,303.55*	
		For NEMA 4 Enclosure, Add	*8,988.98*	
		For NEMA 12 Enclosure, Add	*7,303.55*	
		For Level 2 Controller, Add	*2,687.14*	
		For Level 3 Controller, Add	*5,547.64*	
		For Level 4 Controller, Add	*8,061.41*	
26 36 23 00-0023	EA	3,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC3000)	47,751.83	3,009.58
		For NEMA 3R Enclosure, Add	*7,303.55*	
		For Level 2 Controller, Add	*3,234.28*	
		For Level 3 Controller, Add	*6,677.22*	
		For Level 4 Controller, Add	*9,702.84*	
26 36 23 00-0024	EA	4,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC4000)	83,102.68	3,582.84
		For NEMA 3R Enclosure, Add	*13,539.65*	
		For Level 2 Controller, Add	*5,885.12*	
		For Level 3 Controller, Add	*12,149.92*	
		For Level 4 Controller, Add	*17,655.35*	

26 36 23 00-0025 Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 23 00-0001)*

26 36 23 00-0026	EA	150 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC150)	27,424.35	2,550.76
		For NEMA 12 Enclosure, Add	*1,334.32*	
		For NEMA 3R Enclosure, Add	*2,457.94*	
		For NEMA 4 Enclosure, Add	*2,528.16*	
		For Level 2 Controller, Add	*1,730.02*	
		For Level 3 Controller, Add	*3,571.65*	
		For Level 4 Controller, Add	*5,190.06*	
26 36 23 00-0027	EA	225 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC225)	28,622.80	2,685.02
		For NEMA 12 Enclosure, Add	*1,334.32*	
		For NEMA 3R Enclosure, Add	*2,457.94*	
		For NEMA 4 Enclosure, Add	*2,528.16*	
		For Level 2 Controller, Add	*1,802.09*	
		For Level 3 Controller, Add	*3,720.44*	
		For Level 4 Controller, Add	*5,406.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0028	EA	260 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC260)	30,003.93	2,819.26
		For NEMA 12 Enclosure, Add	*1,334.32*	
		For NEMA 3R Enclosure, Add	*2,457.94*	
		For NEMA 4 Enclosure, Add	*2,528.16*	
		For Level 2 Controller, Add	*1,888.32*	
		For Level 3 Controller, Add	*3,898.46*	
		For Level 4 Controller, Add	*5,664.96*	
26 36 23 00-0029	EA	300 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC300)	33,548.91	2,886.39
		For NEMA 12 Enclosure, Add	*1,334.32*	
		For NEMA 3R Enclosure, Add	*2,457.94*	
		For NEMA 4 Enclosure, Add	*2,528.16*	
		For Level 2 Controller, Add	*2,152.65*	
		For Level 3 Controller, Add	*4,444.18*	
		For Level 4 Controller, Add	*6,457.95*	
26 36 23 00-0030	EA	400 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC400)	38,809.53	2,953.52
		For NEMA 12 Enclosure, Add	*1,334.32*	
		For NEMA 3R Enclosure, Add	*2,457.94*	
		For NEMA 4 Enclosure, Add	*2,528.16*	
		For Level 2 Controller, Add	*2,549.94*	
		For Level 3 Controller, Add	*5,264.40*	
		For Level 4 Controller, Add	*7,649.83*	
26 36 23 00-0031	EA	600 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC600)	46,707.15	3,087.77
		For NEMA 3R Enclosure, Add	*2,457.94*	
		For NEMA 4 Enclosure, Add	*2,528.16*	
		For Level 2 Controller, Add	*3,141.20*	
		For Level 3 Controller, Add	*6,485.06*	
		For Level 4 Controller, Add	*9,423.60*	
		For NEMA 12 Enclosure, Add	*1,404.54*	
26 36 23 00-0032	EA	800 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC800)	51,533.34	3,222.02
		For NEMA 3R Enclosure, Add	*2,528.16*	
		For NEMA 4 Enclosure, Add	*2,528.16*	
		For Level 2 Controller, Add	*3,494.42*	
		For Level 3 Controller, Add	*7,214.29*	
		For Level 4 Controller, Add	*10,483.26*	
		For NEMA 12 Enclosure, Add	*1,544.99*	
26 36 23 00-0033	EA	1,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1000)	64,820.27	3,759.02
		For NEMA 3R Enclosure, Add	*2,528.16*	
		For NEMA 4 Enclosure, Add	*2,528.16*	
		For Level 2 Controller, Add	*4,440.92*	
		For Level 3 Controller, Add	*9,168.36*	
		For Level 4 Controller, Add	*13,322.77*	
		For NEMA 12 Enclosure, Add	*1,544.99*	
26 36 23 00-0034	EA	1,200 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1200)	85,311.16	4,299.41
		For NEMA 3R Enclosure, Add	*11,236.23*	
		For NEMA 12 Enclosure, Add	*11,236.23*	
		For Level 2 Controller, Add	*5,945.21*	
		For Level 3 Controller, Add	*12,273.97*	
		For Level 4 Controller, Add	*17,835.62*	
		For NEMA 4 Enclosure, Add	*14,045.28*	
26 36 23 00-0035	EA	1,600 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1600)	111,499.91	4,586.04
		For NEMA 3R Enclosure, Add	*23,876.97*	
		For NEMA 12 Enclosure, Add	*22,247.72*	
		For Level 2 Controller, Add	*7,930.41*	
		For Level 3 Controller, Add	*16,372.45*	
		For Level 4 Controller, Add	*23,791.22*	
		For NEMA 4 Enclosure, Add	*23,876.97*	
26 36 23 00-0036	EA	2,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC2000)	126,641.29	5,015.98
		For NEMA 3R Enclosure, Add	*23,876.97*	
		For NEMA 12 Enclosure, Add	*22,247.72*	
		For Level 2 Controller, Add	*9,037.22*	
		For Level 3 Controller, Add	*18,657.49*	
		For Level 4 Controller, Add	*27,111.67*	
		For NEMA 4 Enclosure, Add	*23,876.97*	
26 36 23 00-0037	EA	3,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC3000)	202,989.06	5,732.55
		For NEMA 3R Enclosure, Add	*29,495.07*	
		For Level 2 Controller, Add	*14,843.11*	
		For Level 3 Controller, Add	*30,643.83*	
		For Level 4 Controller, Add	*44,529.32*	
26 36 23 00-0038	EA	4,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC4000)	219,054.10	6,449.11
		For NEMA 3R Enclosure, Add	*29,495.07*	
		For Level 2 Controller, Add	*15,977.08*	
		For Level 3 Controller, Add	*32,984.94*	
		For Level 4 Controller, Add	*47,931.24*	

26 36 23 00-0039 Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 23 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0040	EA	40 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE40)	9,084.89	335.62
		For NEMA 12 Enclosure, Add	*1,264.08*	
		For Level 2 Controller, Add	*652.06*	
		For Level 3 Controller, Add	*1,346.18*	
		For Level 4 Controller, Add	*1,956.17*	
		For NEMA 3R Enclosure, Add	*702.27*	
26 36 23 00-0041	EA	70 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE70)	9,816.63	402.75
		For NEMA 12 Enclosure, Add	*1,264.08*	
		For Level 2 Controller, Add	*698.36*	
		For Level 3 Controller, Add	*1,441.78*	
		For Level 4 Controller, Add	*2,095.09*	
		For NEMA 3R Enclosure, Add	*702.27*	
26 36 23 00-0042	EA	100 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE100)	10,181.85	436.31
		For NEMA 12 Enclosure, Add	*1,264.08*	
		For Level 2 Controller, Add	*721.46*	
		For Level 3 Controller, Add	*1,489.48*	
		For Level 4 Controller, Add	*2,164.39*	
		For NEMA 3R Enclosure, Add	*702.27*	
26 36 23 00-0043	EA	125 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE125)	10,547.06	469.88
		For NEMA 12 Enclosure, Add	*1,264.08*	
		For Level 2 Controller, Add	*744.57*	
		For Level 3 Controller, Add	*1,537.17*	
		For Level 4 Controller, Add	*2,233.70*	
		For NEMA 3R Enclosure, Add	*702.27*	
26 36 23 00-0044	EA	150 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE150)	12,672.05	537.00
		For NEMA 12 Enclosure, Add	*1,264.08*	
		For Level 2 Controller, Add	*898.85*	
		For Level 3 Controller, Add	*1,855.69*	
		For Level 4 Controller, Add	*2,696.54*	
		For NEMA 3R Enclosure, Add	*702.27*	
		For Four Pole Circuit Breaker, Add	*3,511.32*	
26 36 23 00-0045	EA	225 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE225)	16,519.93	604.13
		For NEMA 12 Enclosure, Add	*1,264.08*	
		For Level 2 Controller, Add	*1,186.66*	
		For Level 3 Controller, Add	*2,449.87*	
		For Level 4 Controller, Add	*3,559.97*	
		For NEMA 3R Enclosure, Add	*702.27*	
		For Four Pole Circuit Breaker, Add	*3,511.32*	
26 36 23 00-0046	EA	250 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE250)	17,582.60	671.25
		For NEMA 12 Enclosure, Add	*1,264.08*	
		For Level 2 Controller, Add	*1,258.61*	
		For Level 3 Controller, Add	*2,598.41*	
		For Level 4 Controller, Add	*3,775.82*	
		For NEMA 3R Enclosure, Add	*702.27*	
		For Four Pole Circuit Breaker, Add	*3,511.32*	
26 36 23 00-0047	EA	300 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE300)	18,276.99	738.38
		For NEMA 12 Enclosure, Add	*1,404.54*	
		For NEMA 3R Enclosure, Add	*1,825.89*	
		For Level 2 Controller, Add	*1,302.02*	
		For Level 3 Controller, Add	*2,688.04*	
		For Level 4 Controller, Add	*3,906.06*	
		For Four Pole Circuit Breaker, Add	*4,775.40*	
26 36 23 00-0048	EA	400 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE400)	20,689.13	805.51
		For NEMA 12 Enclosure, Add	*1,404.54*	
		For NEMA 3R Enclosure, Add	*1,825.89*	
		For Level 2 Controller, Add	*1,478.55*	
		For Level 3 Controller, Add	*3,052.50*	
		For Level 4 Controller, Add	*4,435.66*	
		For Four Pole Circuit Breaker, Add	*4,775.40*	
26 36 23 00-0049	EA	600 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE600)	25,097.83	1,006.88
		For NEMA 12 Enclosure, Add	*1,404.54*	
		For NEMA 3R Enclosure, Add	*1,825.89*	
		For Level 2 Controller, Add	*1,789.02*	
		For Level 3 Controller, Add	*3,693.45*	
		For Level 4 Controller, Add	*5,367.05*	
		For Four Pole Circuit Breaker, Add	*4,775.40*	
26 36 23 00-0050	EA	800 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE800)	26,113.51	1,208.25
		For NEMA 3R Enclosure, Add	*3,146.15*	
		For NEMA 12 Enclosure, Add	*1,966.35*	
		For Level 2 Controller, Add	*1,836.52*	
		For Level 3 Controller, Add	*3,791.52*	
		For Level 4 Controller, Add	*5,509.55*	
		For Four Pole Circuit Breaker, Add	*6,811.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0051	EA	1,000 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE1000)	30,998.25	1,719.76
		For NEMA 3R Enclosure, Add	*3,146.15*	
		For NEMA 12 Enclosure, Add	*1,966.35*	
		For Level 2 Controller, Add	*2,135.80*	
		For Level 3 Controller, Add	*4,409.40*	
		For Level 4 Controller, Add	*6,407.40*	
		For Four Pole Circuit Breaker, Add	*6,811.96*	

26 36 23 00-0052 Accessories *(26 36 23)*

26 36 23 00-0053	EA	Auxiliary Contacts For Automatic Transfer Switch	325.86	
26 36 23 00-0054	EA	Battery Charger For Automatic Transfer Switch	2,668.61	
26 36 23 00-0055	EA	Elevator Relay Signal For Automatic Transfer Switch	969.13	

26 40 Electrical And Cathodic Protection *(26)*

26 43 Surge Protective Devices *(26 40)*

26 43 13 Surge Protective Devices for Low-Voltage Electrical Power Circuits *(26 43)*

26 43 13 00-0001 25 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression *(26 43 13)*

Note: Liebert LPL

26 43 13 00-0002	EA	120/240 Volt AC Single Phase, 3 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	287.66	32.74
26 43 13 00-0003	EA	208 Volt AC Three Phase, 3 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	310.20	32.74
26 43 13 00-0004	EA	240/120 Volt AC Three Phase, 4 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	323.30	39.29
26 43 13 00-0005	EA	277 Volt AC Single Phase, 2 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	268.13	26.19
26 43 13 00-0006	EA	480/277 Volt AC Three Phase, 4 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	323.30	39.29

26 43 13 00-0007 50 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression *(26 43 13)*

Note: Liebert LPL

26 43 13 00-0008	EA	120/240 Volt AC Single Phase, 3 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	398.75	32.74
26 43 13 00-0009	EA	208/120 Volt AC Three Phase, 4 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	424.73	39.29
26 43 13 00-0010	EA	208 Volt AC Three Phase, 3 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	411.63	32.74
26 43 13 00-0011	EA	480/277 Volt AC Three Phase, 4 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	424.73	39.29

26 43 13 00-0012 100 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression *(26 43 13)*

Note: Liebert LPL

26 43 13 00-0013	EA	120/240 Volt AC Single Phase, 3 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	482.47	32.74
26 43 13 00-0014	EA	208/120 Volt AC Three Phase, 4 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	508.45	39.29
26 43 13 00-0015	EA	277 Volt AC Single Phase, 2 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	450.06	26.19
26 43 13 00-0016	EA	480/277 Volt AC Three Phase, 4 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	508.45	39.29

26 43 13 00-0017 100 kA Low Exposure (65 kAIC) Transient Voltage Surge Suppression *(26 43 13)*

Note: Liebert LPM

26 43 13 00-0018	EA	120/240 Volt AC Single Phase, 3 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor	569.41	32.74
26 43 13 00-0019	EA	208/120 Volt AC Three Phase, 4 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor	642.08	39.29
26 43 13 00-0020	EA	277 Volt AC Three Phase, 2 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor	538.61	26.19

26 43 13 00-0021 160 kA Low Exposure (65 kAIC) Transient Voltage Surge Suppression *(26 43 13)*

Note: Liebert LPM

26 43 13 00-0022	EA	208/120 Volt AC Single Phase, 4 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor	1,004.33	39.29
26 43 13 00-0023	EA	208 Volt AC Three Phase, 3 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor	991.23	32.74
26 43 13 00-0024	EA	480/277 Volt AC Three Phase, 4 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor	1,004.33	39.29

26 43 13 00-0025 250 kA, 500 Joule Transient Voltage Surge Suppression *(26 43 13)*

Note: Liebert Interceptor Hybrid.

26 43 13 00-0026	EA	LED Display, 120/208 Volt AC Three Phase, 250 kA Transient Voltage Surge Suppressor	8,391.46	65.48
26 43 13 00-0027	EA	Audible Alarm/LED Display, 120/208 Volt AC Three Phase, 250 kA Transient Voltage Surge Suppressor	10,264.42	65.48

26 43 13 00-0028 Class 1310 Transient Voltage Surge Suppression *(26 43 13)*

Note: Supplied with audible alarm, alarm enable/disable switch and dry contacts. Square D.

26 43 13 00-0029 NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)*

Note: Square D. EMA series.

26 43 13 00-0030	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,693.39	170.25
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0031	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	5,176.60	196.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0032	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	7,562.90	229.18
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0033	EA	320 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	10,061.11	261.92
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0034	EA	480 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	14,887.67	360.14
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0035	EA	120 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,897.33	170.25
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0036	EA	160 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	5,400.63	196.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0037	EA	240 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	7,909.02	229.18
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0038	EA	320 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	10,510.62	261.92
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0039	EA	480 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	15,581.33	360.14
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0040	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,897.33	170.25
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0041	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	5,400.63	196.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0042	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	7,908.95	229.18
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0043	EA	320 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	10,510.62	261.92
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0044	EA	480 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	15,581.33	360.14
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0045	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	5,101.29	170.25
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0046	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	5,627.55	196.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0047	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	8,257.98	229.18
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0048	EA	320 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	10,963.08	261.92
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0049	EA	480 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	16,277.80	360.14
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0050	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	5,338.25	170.25
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0051	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	5,863.12	196.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0052	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	8,622.76	229.18
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0053	EA	320 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	11,437.00	261.92
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0054	EA	480 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	16,021.40	360.14
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	

26 43 13 00-0055 NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)*

Note: Square D EBA series.

26 43 13 00-0056	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,659.42	170.25
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0057	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	4,421.26	196.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0058	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	6,480.08	229.18
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0059	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,775.74	170.25
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0060	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	4,593.59	196.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0061	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	6,705.54	229.18
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0062	EA	120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,775.74	170.25
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0063	EA	160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	4,593.59	196.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0064	EA	240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	6,705.54	229.18
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0065	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,923.67	170.25
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0066	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	4,778.85	196.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0067	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	6,994.20	229.18
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0068	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	4,078.78	170.25
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0069	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	4,975.60	196.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0070	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	7,297.22	229.18
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	

26 43 13 00-0071 NEMA 4X Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)*

Note: Square D EMA series. Stainless steel.

26 43 13 00-0072	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	6,050.52	170.25
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0073	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	6,533.74	196.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0074	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	8,920.03	229.18
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0075	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	6,254.46	170.25
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0076	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	6,757.77	196.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0077	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	9,266.15	229.18
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0078	EA	120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	6,254.46	170.25
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0079	EA	160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	6,757.77	196.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0080	EA	240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	9,266.08	229.18
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0081	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	6,458.42	170.25
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0082	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	6,984.68	196.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0083	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	9,615.12	229.18
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0084	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	6,695.38	170.25
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0085	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	7,220.26	196.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0086	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	9,979.90	229.18
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	

26 43 13 00-0087 NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)*

Note: Square D EBA series. Stainless steel.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0088	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	5,016.55	170.25
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0089	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	5,778.39	196.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0090	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	7,837.21	229.18
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0091	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	5,132.88	170.25
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0092	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	5,950.72	196.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0093	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	8,062.68	229.18
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0094	EA	120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	5,132.88	170.25
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0095	EA	160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	5,950.72	196.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0096	EA	240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	8,062.68	229.18
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0097	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	5,280.80	170.25
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0098	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,135.99	196.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0099	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	8,351.33	229.18
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0100	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	5,435.91	170.25
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0101	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,332.73	196.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0102	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	8,654.35	229.18
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	

26 43 13 00-0103 Residential Surge Protective Devices (Siemens QSPD) *(26 43 13)*

26 43 13 00-0104	EA	120/240 Volt AC Single Phase, 2-Pole, 3 Wire 35 kA, Plug-In, Surge Suppressor (Siemens QSPD)	148.13	32.74
26 43 13 00-0105	EA	120/240 Volt AC Single Phase, 2-Pole, 3 Wire 65 kA, Plug-In, Surge Suppressor (Siemens QSPD)	243.57	32.74

26 50 Lighting *(26)*

Note: Includes testing of fixture, a set of lamps (light bulbs), wire nuts, ground wire connector, fixture whip, ballast(s), mounting brackets where necessary and cable connectors. Lay-in fixtures include support wire, clips and seismic supports.

26 51 Interior Lighting *(26 50)*

26 51 13 Incandescent Interior Lighting *(26 51)*

26 51 13 00-0001 Recessed Fixtures *(26 51 13)*

Note: Housing and trim priced separately.

26 51 13 00-0002 Incandescent, Recessed Fixture Housings *(26 51 13 00-0001)*

26 51 13 00-0003	EA	4" Round, Incandescent, T Or ICT Recessed Fixture Housing	90.26	37.46
		For ICAT Housing, Add	*4.38*	
26 51 13 00-0004	EA	5" Round, Incandescent, T Or ICT Recessed Fixture Housing	90.26	37.46
		For ICAT Housing, Add	*4.38*	
26 51 13 00-0005	EA	6" Round, Incandescent, T Or ICT Recessed Fixture Housing	95.80	39.29
		For ICAT Housing, Add	*4.75*	
26 51 13 00-0006	EA	7" Round, Incandescent, T Or ICT Recessed Fixture Housing	101.54	40.99
		For ICAT Housing, Add	*5.16*	
26 51 13 00-0007	EA	8" Round, Incandescent, T Or ICT Recessed Fixture Housing	107.29	42.70
		For ICAT Housing, Add	*5.56*	
26 51 13 00-0008	EA	10" To 12" Square, Incandescent, T Or ICT Recessed Fixture Housing	109.41	45.31
		For ICAT Housing, Add	*5.33*	

26 51 13 00-0009 Recessed Fixture Trim *(26 51 13 00-0001)*

26 51 13 00-0010	EA	Circular, Recessed Fixture Trim	69.51	18.34
26 51 13 00-0011	EA	Circular Clear Lens, Recessed Fixture Trim	77.20	18.34
26 51 13 00-0012	EA	Open/Baffle, Recessed Fixture Trim	90.53	18.34
26 51 13 00-0013	EA	Specular Reflector, Recessed Fixture Trim	97.59	18.34
26 51 13 00-0014	EA	Eyeball, Recessed Fixture Trim	77.31	18.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0015	EA	10" To 12" Square, Clear Lens, Recessed Fixture Trim	73.18	18.34
26 51 13 00-0016	EA	10" To 12" Square, Drop Dish, Recessed Fixture Trim	77.92	18.34
26 51 13 00-0017		Track Lighting *(26 51 13)*		
26 51 13 00-0018		Incandescent Track Lighting Fixtures *(26 51 13 00-0017)*		
		See CSI section 26 51 19 00-0573 for track lighting tracks.		
26 51 13 00-0019	EA	Incandescent Track Lighting Fixture, 120 Volt	89.83	21.87
26 51 13 00-0020	EA	Par 20 Track Fixture, White Or Black Finish, 120 Volt	67.21	21.87
26 51 13 00-0021	EA	Par 30 Track Fixture, White Or Black Finish, 120 Volt	93.82	21.87
26 51 13 00-0022	EA	Par 38 Track Fixture, White Or Black Finish, 120 Volt	96.46	21.87
26 51 13 00-0023	EA	PAR 16, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt	79.25	21.87
26 51 13 00-0024	EA	PAR 20, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt	67.21	21.87
26 51 13 00-0025	EA	PAR 30, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt Note: 120V.	77.99	21.87
26 51 13 00-0026	EA	PAR 38, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt	99.10	21.87
26 51 13 00-0027		Wet Location, Dust Resistant, Vapor Tight Fixtures *(26 51 13)*		
26 51 13 00-0028		Incandescent, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures *(26 51 13 00-0027)*		
26 51 13 00-0029	EA	100 Watt Incandescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	138.17	52.39
		For Wall Mounted, Add	*5.10*	
26 51 13 00-0030	EA	200 Watt Incandescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	156.98	52.39
		For Wall Mounted, Add	*5.10*	
26 51 16		**Fluorescent Interior Lighting** *(26 51)*		
26 51 16 00-0001		Fluorescent Fixtures *(26 51 16)*		
26 51 16 00-0002		Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0001)*		
26 51 16 00-0003		6" x 2', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)*		
26 51 16 00-0004	EA	1 T8 Lamp, 6" x 2', Surface Mounted, Wraparound Fluorescent Fixture	198.16	37.45
26 51 16 00-0005	EA	2 T8 Lamps, 6" x 2', Surface Mounted, Wraparound Fluorescent Fixture	222.88	37.45
26 51 16 00-0006		6" x 4', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)*		
26 51 16 00-0007	EA	1 T8 Lamp, 6" x 4', Surface Mounted, Wraparound Fluorescent Fixture	223.75	39.01
26 51 16 00-0008	EA	2 T8 Lamps, 6" x 4', Surface Mounted, Wraparound Fluorescent Fixture	250.68	39.01
26 51 16 00-0009		1' x 4', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)*		
26 51 16 00-0010	EA	2 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture	267.14	43.79
26 51 16 00-0011	EA	3 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture	317.20	43.79
26 51 16 00-0012	EA	4 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture	372.28	43.79
26 51 16 00-0013		2' x 2', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)*		
26 51 16 00-0014	EA	2 T8 Lamps, 2' x 2', Surface Mounted, Wraparound Fluorescent Fixture	217.67	47.86
26 51 16 00-0015	EA	3 T8 Lamps, 2' x 2', Surface Mounted, Wraparound Fluorescent Fixture	252.00	47.86
26 51 16 00-0016		2' x 4', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)*		
26 51 16 00-0017	EA	2 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture	341.84	55.76
26 51 16 00-0018	EA	3 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture	368.10	55.76
26 51 16 00-0019	EA	4 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture	418.08	55.76
26 51 16 00-0020		Surface Mounted, Box Type Fluorescent Fixtures *(26 51 16 00-0001)* Note: Includes prismatic lens.		
26 51 16 00-0021		1' x 4', Surface Mounted, Box Type Fluorescent Fixtures *(26 51 16 00-0020)*		
26 51 16 00-0022	EA	2 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture	265.64	43.43
26 51 16 00-0023	EA	3 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture	432.64	43.43
26 51 16 00-0024	EA	4 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture	493.71	43.43
26 51 16 00-0025		2' x 2', Surface Mounted, Box Type Fluorescent Fixtures *(26 51 16 00-0020)*		
26 51 16 00-0026	EA	2 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture	416.23	47.86
26 51 16 00-0027	EA	3 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture	454.89	47.86
26 51 16 00-0028	EA	4 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture	482.82	47.86
26 51 16 00-0029		2' x 4', Surface Mounted, Box Type Fluorescent Fixtures *(26 51 16 00-0020)*		
26 51 16 00-0030	EA	2 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	421.75	55.76
26 51 16 00-0031	EA	3 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	462.83	55.76
26 51 16 00-0032	EA	4 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	485.45	55.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0033	EA	6 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	519.88	55.76
26 51 16 00-0034		**4' x 4', Surface Mounted, Box Type Fluorescent Fixtures** *(26 51 16 00-0020)*		
26 51 16 00-0035	EA	4 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture	837.77	71.79
26 51 16 00-0036	EA	6 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture	851.61	71.79
26 51 16 00-0037	EA	8 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture	815.80	71.79
26 51 16 00-0038		**Recessed Fluorescent Fixtures** *(26 51 16 00-0001)*		
26 51 16 00-0039		**Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0038)*		
26 51 16 00-0040		**1' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture** *(26 51 16 00-0039)*		
26 51 16 00-0041	EA	2 T8 Lamps, 1' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	418.55	37.45
		For Drywall Or Plaster Ceilings, Add	*25.30*	
26 51 16 00-0042		**1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture** *(26 51 16 00-0039)*		
26 51 16 00-0043	EA	2 T8 Lamps, 1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	555.20	43.43
		For Drywall Or Plaster Ceilings, Add	*29.61*	
26 51 16 00-0044	EA	2 T5 Lamps, 1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	1,048.06	43.43
		For Drywall Or Plaster Ceilings, Add	*29.61*	
26 51 16 00-0045		**2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture** *(26 51 16 00-0039)*		
26 51 16 00-0046	EA	2 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	561.55	47.86
		For Drywall Or Plaster Ceilings, Add	*32.31*	
26 51 16 00-0047	EA	3 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	648.45	47.86
		For Drywall Or Plaster Ceilings, Add	*32.31*	
26 51 16 00-0048	EA	4 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	654.51	47.86
		For Drywall Or Plaster Ceilings, Add	*32.31*	
26 51 16 00-0049	EA	2 T5 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	706.70	47.86
		For Drywall Or Plaster Ceilings, Add	*32.31*	
26 51 16 00-0050		**2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture** *(26 51 16 00-0039)*		
26 51 16 00-0051	EA	2 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	534.26	55.76
		For Drywall Or Plaster Ceilings, Add	*37.69*	
26 51 16 00-0052	EA	3 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	765.90	55.76
		For Drywall Or Plaster Ceilings, Add	*37.69*	
26 51 16 00-0053	EA	4 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	772.82	55.76
		For Drywall Or Plaster Ceilings, Add	*37.69*	
26 51 16 00-0054	EA	6 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	864.45	55.76
		For Drywall Or Plaster Ceilings, Add	*37.69*	
26 51 16 00-0055	EA	2 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	735.18	55.76
		For Drywall Or Plaster Ceilings, Add	*37.69*	
26 51 16 00-0056	EA	3 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	1,025.85	55.76
		For Drywall Or Plaster Ceilings, Add	*37.69*	
26 51 16 00-0057	EA	4 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	1,042.67	55.76
		For Drywall Or Plaster Ceilings, Add	*37.69*	
26 51 16 00-0058		**Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0038)*		
26 51 16 00-0059		**1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0058)*		
26 51 16 00-0060	EA	1 T8 Lamp, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	498.94	37.45
		For Drywall Or Plaster Ceilings, Add	*25.30*	
26 51 16 00-0061	EA	2 T8 Lamps, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	504.98	37.45
		For Drywall Or Plaster Ceilings, Add	*25.30*	
26 51 16 00-0062	EA	3 T8 Lamps, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	597.45	37.45
		For Drywall Or Plaster Ceilings, Add	*25.30*	
26 51 16 00-0063		**1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0058)*		
26 51 16 00-0064	EA	1 T8 Lamp, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	568.04	43.43
		For Drywall Or Plaster Ceilings, Add	*29.61*	
26 51 16 00-0065	EA	2 T8 Lamps, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	574.95	43.43
		For Drywall Or Plaster Ceilings, Add	*29.61*	
26 51 16 00-0066	EA	3 T8 Lamps, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	652.88	43.43
		For Drywall Or Plaster Ceilings, Add	*29.61*	
26 51 16 00-0067		**2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0058)*		
26 51 16 00-0068	EA	2 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	580.33	47.86
		For Drywall Or Plaster Ceilings, Add	*32.31*	
26 51 16 00-0069	EA	3 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	586.37	47.86
		For Drywall Or Plaster Ceilings, Add	*32.31*	
26 51 16 00-0070	EA	4 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	677.42	47.86
		For Drywall Or Plaster Ceilings, Add	*32.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0071		2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0058)*		
26 51 16 00-0072	EA	2 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	534.26	55.76
		For Drywall Or Plaster Ceilings, Add	*37.69*	
26 51 16 00-0073	EA	3 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	632.28	55.76
		For Drywall Or Plaster Ceilings, Add	*37.69*	
26 51 16 00-0074	EA	4 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	725.28	55.76
		For Drywall Or Plaster Ceilings, Add	*37.69*	
26 51 16 00-0075	EA	6 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	825.55	55.76
		For Drywall Or Plaster Ceilings, Add	*37.69*	
26 51 16 00-0076		Direct-Indirect, Recessed Fluorescent Fixtures *(26 51 16 00-0038)*		
26 51 16 00-0077		1' x 4', Direct-Indirect, Recessed Fluorescent Fixtures *(26 51 16 00-0076)*		
26 51 16 00-0078	EA	1 T8 Lamp, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	1,110.09	43.43
		For Drywall Or Plaster Ceilings, Add	*29.61*	
26 51 16 00-0079	EA	2 T8 Lamps, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	1,117.01	43.43
		For Drywall Or Plaster Ceilings, Add	*29.61*	
26 51 16 00-0080	EA	1 T5 Lamp, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	1,324.40	43.43
		For Drywall Or Plaster Ceilings, Add	*29.61*	
26 51 16 00-0081	EA	2 T5 Lamps, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	1,341.22	43.43
		For Drywall Or Plaster Ceilings, Add	*29.61*	
26 51 16 00-0082		2' x 2', Direct-Indirect, Recessed Fluorescent Fixtures *(26 51 16 00-0076)*		
26 51 16 00-0083	EA	2 T8 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture	866.27	47.86
		For Drywall Or Plaster Ceilings, Add	*32.31*	
26 51 16 00-0084	EA	3 T8 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture	970.54	47.86
		For Drywall Or Plaster Ceilings, Add	*32.31*	
26 51 16 00-0085	EA	2 T5 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture	1,195.70	47.86
		For Drywall Or Plaster Ceilings, Add	*32.31*	
26 51 16 00-0086		2' x 4', Direct-Indirect, Recessed Fluorescent Fixtures *(26 51 16 00-0076)*		
26 51 16 00-0087	EA	2 T8 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	970.74	55.76
		For Drywall Or Plaster Ceilings, Add	*37.69*	
26 51 16 00-0088	EA	3 T8 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	1,211.03	55.76
		For Drywall Or Plaster Ceilings, Add	*37.69*	
26 51 16 00-0089	EA	1 T5 Lamp, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	1,293.52	55.76
		For Drywall Or Plaster Ceilings, Add	*37.69*	
26 51 16 00-0090	EA	2 T5 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	1,422.05	55.76
		For Drywall Or Plaster Ceilings, Add	*37.69*	
26 51 16 00-0091		Volumetric, Recessed Fluorescent Fixtures *(26 51 16 00-0038)*		
26 51 16 00-0092		1' x 4', Volumetric, Recessed Fluorescent Fixtures *(26 51 16 00-0091)*		
26 51 16 00-0093	EA	2 T8 Lamps, 1' x 4', Volumetric, Recessed Fluorescent Fixture	858.28	43.43
		For Drywall Or Plaster Ceilings, Add	*29.61*	
26 51 16 00-0094	EA	2 T5 Lamps, 1' x 4', Volumetric, Recessed Fluorescent Fixture	1,151.92	43.43
		For Drywall Or Plaster Ceilings, Add	*29.61*	
26 51 16 00-0095		2' x 2', Volumetric, Recessed Fluorescent Fixtures *(26 51 16 00-0091)*		
26 51 16 00-0096	EA	2 T8 Lamps, 2' x 2', Volumetric, Recessed Fluorescent Fixture	852.53	47.86
		For Drywall Or Plaster Ceilings, Add	*32.31*	
26 51 16 00-0097	EA	2 T5 Lamps, 2' x 2', Volumetric, Recessed Fluorescent Fixture	983.83	47.86
		For Drywall Or Plaster Ceilings, Add	*32.31*	
26 51 16 00-0098		2' x 4', Volumetric, Recessed Fluorescent Fixtures *(26 51 16 00-0091)*		
26 51 16 00-0099	EA	2 T8 Lamps, 2' x 4', Volumetric, Recessed Fluorescent Fixture	945.64	55.76
		For Drywall Or Plaster Ceilings, Add	*37.69*	
26 51 16 00-0100	EA	2 T5 Lamps, 2' x 4', Volumetric, Recessed Fluorescent Fixture	947.83	55.76
		For Drywall Or Plaster Ceilings, Add	*37.69*	
26 51 16 00-0101		Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0038)*		
26 51 16 00-0102		1' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0101)*		
26 51 16 00-0103	EA	2 T8 Lamps, 1' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	790.82	43.43
		For Drywall Or Plaster Ceilings, Add	*29.61*	
26 51 16 00-0104		2' x 2', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0101)*		
26 51 16 00-0105	EA	2 T8 Lamps, 2' x 2', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	753.69	47.86
		For Drywall Or Plaster Ceilings, Add	*32.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0106		2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0101)*		
26 51 16 00-0107	EA	2 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	915.21	55.76
		For Drywall Or Plaster Ceilings, Add	*37.69*	
26 51 16 00-0108	EA	3 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	650.46	55.76
		For Drywall Or Plaster Ceilings, Add	*37.69*	
26 51 16 00-0109	EA	4 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	1,054.03	55.76
		For Drywall Or Plaster Ceilings, Add	*37.69*	
26 51 16 00-0110		Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0038)*		
26 51 16 00-0111		1' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0110)*		
26 51 16 00-0112	EA	2 T8 Lamps, 1' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	750.93	43.43
		For Drywall Or Plaster Ceilings, Add	*29.61*	
26 51 16 00-0113		2' x 2', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0110)*		
26 51 16 00-0114	EA	2 T8 Lamps, 2' x 2', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	752.74	47.86
		For Drywall Or Plaster Ceilings, Add	*32.31*	
26 51 16 00-0115		2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0110)*		
26 51 16 00-0116	EA	2 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	937.59	55.76
		For Drywall Or Plaster Ceilings, Add	*37.69*	
26 51 16 00-0117	EA	3 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	952.29	55.76
		For Drywall Or Plaster Ceilings, Add	*37.69*	
26 51 16 00-0118	EA	4 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	975.72	55.76
		For Drywall Or Plaster Ceilings, Add	*37.69*	
26 51 16 00-0119		Striplight Fluorescent Fixtures *(26 51 16 00-0001)*		
26 51 16 00-0120		1 Lamp Cross Section, Striplight Fluorescent Fixtures *(26 51 16 00-0119)*		
26 51 16 00-0121	EA	1-1/2' Length, 1 T8 Lamp, Striplight Fluorescent Fixture	303.60	35.89
26 51 16 00-0122	EA	2' Length, 1 T8 Lamp, Striplight Fluorescent Fixture	379.87	35.89
26 51 16 00-0123	EA	3' Length, 1 T8 Lamp, Striplight Fluorescent Fixture	369.72	39.84
26 51 16 00-0124	EA	4' Length, 1 T8 Lamp, Striplight Fluorescent Fixture	375.42	43.79
26 51 16 00-0125	EA	8' Length, 1 T8 Lamp, Striplight Fluorescent Fixture	459.86	51.87
26 51 16 00-0126		2 Lamp Cross Section, Striplight Fluorescent Fixtures *(26 51 16 00-0119)*		
26 51 16 00-0127	EA	2' Length, 2 T8 Lamps, Striplight Fluorescent Fixture	374.61	39.84
26 51 16 00-0128	EA	3' Length, 2 T8 Lamps, Striplight Fluorescent Fixture	382.88	43.79
26 51 16 00-0129	EA	4' Length, 2 T8 Lamps, Striplight Fluorescent Fixture	388.32	47.86
26 51 16 00-0130		3 Lamp Cross Section, Striplight Fluorescent Fixtures *(26 51 16 00-0119)*		
26 51 16 00-0131	EA	2' Length, 3 T8 Lamps, Striplight Fluorescent Fixture	566.48	39.84
26 51 16 00-0132	EA	3' Length, 3 T8 Lamps, Striplight Fluorescent Fixture	541.33	43.79
26 51 16 00-0133	EA	4' Length, 3 T8 Lamps, Striplight Fluorescent Fixture	546.52	47.86
26 51 16 00-0134		Display Case Fluorescent Fixtures *(26 51 16 00-0119)*		
26 51 16 00-0135	EA	1 T8 Lamp, 1-1/2' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU15W)	199.41	39.29
26 51 16 00-0136	EA	1 T8 Lamp, 2' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU20W)	273.67	39.29
26 51 16 00-0137	EA	1 T8 Lamp, 3' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU30W)	295.29	45.83
26 51 16 00-0138	EA	1 T8 Lamp, 4' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU40W)	305.64	45.83
26 51 16 00-0139		Industrial Fluorescent Fixtures *(26 51 16 00-0001)*		
26 51 16 00-0140		1 Lamp Cross Section, Industrial Fluorescent Fixtures *(26 51 16 00-0139)*		
26 51 16 00-0141	EA	2' Length, 1 T8 Lamp, Industrial Fluorescent Fixture	453.34	35.89
26 51 16 00-0142	EA	4' Length, 1 T8 Lamp, Industrial Fluorescent Fixture	474.59	43.79
26 51 16 00-0143	EA	8' Length, 1 T8 Lamp, Industrial Fluorescent Fixture	897.27	55.76
26 51 16 00-0144		2 Lamp Cross Section, Industrial Fluorescent Fixtures *(26 51 16 00-0139)*		
26 51 16 00-0145	EA	2' Length, 2 T8 Lamps, Industrial Fluorescent Fixture	465.36	39.84
26 51 16 00-0146	EA	4' Length, 2 T8 Lamps, Industrial Fluorescent Fixture	487.52	47.86
26 51 16 00-0147	EA	8' Length, 2 T8 Lamps, Industrial Fluorescent Fixture	911.11	55.76
26 51 16 00-0148		3 Lamp Cross Section, Industrial Fluorescent Fixtures *(26 51 16 00-0139)*		

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26 51 16 00-0149	EA	2' Length, 3 T8 Lamps, Industrial Fluorescent Fixture	484.37	39.84
26 51 16 00-0150	EA	4' Length, 3 T8 Lamps, Industrial Fluorescent Fixture	504.16	47.86
26 51 16 00-0151	EA	8' Length, 3 T8 Lamps, Industrial Fluorescent Fixture	778.01	55.76
26 51 16 00-0152		**4 Lamp Cross Section, Industrial Fluorescent Fixtures** *(26 51 16 00-0139)*		
26 51 16 00-0153	EA	4' Length, 4 T8 Lamps, Industrial Fluorescent Fixture	709.44	47.86
26 51 16 00-0154	EA	8' Length, 4 T8 Lamps, Industrial Fluorescent Fixture	1,051.15	55.76
26 51 16 00-0155		**Flanged Fluorescent Fixture** *(26 51 16 00-0001)*		
		Note: For plaster or drywall application. With electronic ballast.		
26 51 16 00-0156	EA	2 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture	653.26	71.79
26 51 16 00-0157	EA	3 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture	789.82	71.79
26 51 16 00-0158	EA	4 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture	796.74	71.79
26 51 16 00-0159		**Undercabinet Fluorescent Fixtures** *(26 51 16 00-0001)*		
26 51 16 00-0160	EA	1 T5 Lamp, 12-3/16" Length, Slimline Undercabinet Fluorescent Fixture	233.63	32.31
26 51 16 00-0161	EA	1 T5 Lamp, 21-3/16" Length, Slimline Undercabinet Fluorescent Fixture	270.47	39.48
26 51 16 00-0162	EA	2 T5 Lamps, 24-7/16" Length, Slimline Undercabinet Fluorescent Fixture	265.54	39.48
26 51 16 00-0163	EA	1 T5 Lamp, 33-7/16" Length, Slimline Undercabinet Fluorescent Fixture	324.69	43.07
26 51 16 00-0164	EA	2 T5 Lamps, 42-7/16" Length, Slimline Undercabinet Fluorescent Fixture	377.33	50.26
26 51 16 00-0165		**Corner Mounted, Fluorescent Fixtures** *(26 51 16 00-0001)*		
		Note: Includes acrylic drop dish diffuser.		
26 51 16 00-0166		**2' Length, Corner Mounted, Fluorescent Fixtures** *(26 51 16 00-0165)*		
26 51 16 00-0167	EA	1 T8 Lamp, 2' Length, Corner Mounted, Fluorescent Fixture	266.07	35.89
26 51 16 00-0168	EA	2 T8 Lamps, 2' Length, Corner Mounted, Fluorescent Fixture	296.91	35.89
26 51 16 00-0169		**3' Length, Corner Mounted, Fluorescent Fixtures** *(26 51 16 00-0165)*		
26 51 16 00-0170	EA	1 T8 Lamp, 3' Length, Corner Mounted, Fluorescent Fixture	303.73	37.69
26 51 16 00-0171	EA	2 T8 Lamps, 3' Length, Corner Mounted, Fluorescent Fixture	333.22	37.69
26 51 16 00-0172		**4' Length, Corner Mounted, Fluorescent Fixtures** *(26 51 16 00-0165)*		
26 51 16 00-0173	EA	1 T8 Lamp, 4' Length, Corner Mounted, Fluorescent Fixture	299.24	39.48
26 51 16 00-0174	EA	2 T8 Lamps, 4' Length, Corner Mounted, Fluorescent Fixture	329.60	39.48
26 51 16 00-0175		**Wall Bracket, Fluorescent Fixtures** *(26 51 16 00-0001)*		
26 51 16 00-0176		**Wall Bracket, Fluorescent Fixtures (Lithonia W)** *(26 51 16 00-0175)*		
		Note: Includes extruded aluminum housing with brushed finish, acrylic diffuser and solid-state electronic ballast.		
26 51 16 00-0177		**2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W)** *(26 51 16 00-0176)*		
26 51 16 00-0178	EA	1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	277.98	60.24
26 51 16 00-0179	EA	2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	283.13	60.24
26 51 16 00-0180		**3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W)** *(26 51 16 00-0176)*		
26 51 16 00-0181	EA	1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	366.53	60.24
26 51 16 00-0182	EA	2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	373.72	60.24
26 51 16 00-0183		**4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W)** *(26 51 16 00-0176)*		
26 51 16 00-0184	EA	1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	380.52	60.24
26 51 16 00-0185	EA	2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	385.67	60.24
26 51 16 00-0186		**Wall Bracket, Fluorescent Fixtures (Lithonia WP)** *(26 51 16 00-0175)*		
		Note: Includes 20 gauge steel housing with baked finish, acrylic diffuser and solid-state electronic ballast.		
26 51 16 00-0187		**2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP)** *(26 51 16 00-0186)*		
26 51 16 00-0188	EA	1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	709.15	60.24
26 51 16 00-0189	EA	2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	714.30	60.24
26 51 16 00-0190		**3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP)** *(26 51 16 00-0186)*		
26 51 16 00-0191	EA	1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	554.45	60.24
26 51 16 00-0192	EA	2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	561.64	60.24
26 51 16 00-0193		**4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP)** *(26 51 16 00-0186)*		
26 51 16 00-0194	EA	1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	642.12	60.24
26 51 16 00-0195	EA	2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	647.27	60.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0196		**Wall Bracket, Fluorescent Fixtures (Lithonia WC)** *(26 51 16 00-0175)* Note: Includes 20 gauge steel housing with baked finish, acrylic diffuser and solid-state electronic ballast.		
26 51 16 00-0197		**2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC)** *(26 51 16 00-0196)*		
26 51 16 00-0198	EA	1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	265.23	60.24
26 51 16 00-0199	EA	2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	270.39	60.24
26 51 16 00-0200		**3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC)** *(26 51 16 00-0196)*		
26 51 16 00-0201	EA	1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	267.28	60.24
26 51 16 00-0202	EA	2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	274.47	60.24
26 51 16 00-0203		**4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC)** *(26 51 16 00-0196)*		
26 51 16 00-0204	EA	1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	255.47	60.24
26 51 16 00-0205	EA	2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	260.62	60.24
26 51 16 00-0206		**Low Occupancy, Industrial Fluorescent Fixtures** *(26 51 16 00-0001)*		
26 51 16 00-0207	EA	1 T8 Lamp, 4' Length, Bi-Level Illumination, Industrial Fluorescent Fixture With Integral Occupancy Sensor (Deco SMART™ DSBL-CP)	331.23	43.79
26 51 16 00-0208	EA	2 T8 Lamps, 4' Length, Bi-Level Illumination, Industrial Fluorescent Fixture With Integral Occupancy Sensor (Deco SMART™ DSBL-CP)	337.22	47.86
26 51 16 00-0209		**Ceiling Mounted Fluorescent Fixtures** *(26 51 16)*		
26 51 16 00-0210		**Ceiling Mounted, Compact Fluorescent/Incandescent Fixtures** *(26 51 16 00-0209)*		
26 51 16 00-0211		**Glass Globe, Compact Fluorescent/Incandescent Fixtures** *(26 51 16 00-0210)*		
26 51 16 00-0212	EA	6" Diameter, Ceiling Mounted, Glass Globe, Compact Fluorescent/Incandescent Fixture	239.69	52.39
26 51 16 00-0213	EA	9" Diameter, Ceiling Mounted, Mushroom Style Glass Globe, Compact Fluorescent/Incandescent Fixture	294.79	52.39
26 51 16 00-0214		**Ceiling Mounted, Circline Fluorescent Fixtures** *(26 51 16 00-0209)*		
26 51 16 00-0215		**Exposed Lamps, Circline Fluorescent Fixtures** *(26 51 16 00-0214)*		
26 51 16 00-0216	EA	8-1/2" Diameter, Ceiling Mounted, Exposed Lamps, Circline Fluorescent Fixture	190.31	52.39
26 51 16 00-0217	EA	12" Diameter, Ceiling Mounted, Exposed Lamps, Circline Fluorescent Fixture	210.37	52.39
26 51 16 00-0218		**Low Profile Acrylic Diffuser, Circline Fluorescent Fixtures** *(26 51 16 00-0214)*		
26 51 16 00-0219	EA	11" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	312.72	52.39
26 51 16 00-0220	EA	14" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	464.41	52.39
26 51 16 00-0221	EA	19" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	569.51	52.39
26 51 16 00-0222	EA	12" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	361.86	52.39
26 51 16 00-0223	EA	15" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	467.52	52.39
26 51 16 00-0224	EA	19" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	569.51	52.39
26 51 16 00-0225		**Ceiling Mounted, Double Twin Tube Compact Fluorescent Fixtures** *(26 51 16 00-0209)*		
26 51 16 00-0226		**Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixtures** *(26 51 16 00-0225)*		
26 51 16 00-0227	EA	11" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	317.02	52.39
26 51 16 00-0228	EA	14" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	428.33	52.39
26 51 16 00-0229	EA	19" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	522.75	52.39
26 51 16 00-0230	EA	12" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	246.65	52.39
26 51 16 00-0231	EA	15" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	304.51	52.39
26 51 16 00-0232	EA	19" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	414.15	52.39
26 51 16 00-0233		**Pendant Mounted, Compact Fluorescent/Incandescent Downlights** *(26 51 16 00-0209)*		
26 51 16 00-0234		**Pendant Mounted, Compact Fluorescent/Incandescent Open Reflector Downlights** *(26 51 16 00-0233)*		
26 51 16 00-0235	EA	6" Diameter, Pendant Mounted, Open Reflector Compact Fluorescent/Incandescent Downlight	535.11	43.04
26 51 16 00-0236		**Pendant Mounted, Compact Fluorescent/Incandescent Downlights With Baffle** *(26 51 16 00-0233)*		
26 51 16 00-0237	EA	6" Diameter, Pendant Mounted, Compact Fluorescent/Incandescent Downlight With Baffle	618.99	43.04
26 51 16 00-0238	EA	8" Diameter, Pendant Mounted, Compact Fluorescent/Incandescent Downlight With Baffle	889.61	43.04
26 51 16 00-0239		**Pendant Mounted, Horizontal Indirect Fluorescent Fixtures** *(26 51 16 00-0209)*		
26 51 16 00-0240	EA	1 T5HO Lamp, 4' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	322.85	43.04
26 51 16 00-0241	EA	2 T5HO Lamps, 4' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	344.04	43.04
26 51 16 00-0242	EA	3 T5HO Lamps, 4' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	412.89	43.04
26 51 16 00-0243	EA	2 T5HO Lamps, 8' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	428.54	43.04

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26 51 16 00-0244	EA	4 T5HO Lamps, 8' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	514.25	43.04
26 51 16 00-0245	EA	6 T5HO Lamps, 8' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	615.14	43.04

26 51 16 00-0246 Fluorescent, Recessed Fixture Housings *(26 51 16)*

26 51 16 00-0247	EA	4" Round, Fluorescent, T Or ICT Recessed Fixture Housing	144.15	37.46
		For ICAT Housing, Add	*11.33*	
26 51 16 00-0248	EA	5" Round, Fluorescent, T Or ICT Recessed Fixture Housing	148.94	37.46
		For ICAT Housing, Add	*11.95*	
26 51 16 00-0249	EA	6" Round, Fluorescent, T Or ICT Recessed Fixture Housing	155.18	39.16
		For ICAT Housing, Add	*12.42*	
26 51 16 00-0250	EA	7" Round, Fluorescent, T Or ICT Recessed Fixture Housing	163.06	40.59
		For ICAT Housing, Add	*13.09*	
26 51 16 00-0251	EA	8" Round, Fluorescent, T Or ICT Recessed Fixture Housing	169.96	42.70
		For ICAT Housing, Add	*13.65*	
26 51 16 00-0252	EA	10" To 12" Square, Fluorescent, T Or ICT Recessed Fixture Housing	176.07	45.31
		For ICAT Housing, Add	*13.93*	

26 51 16 00-0253 Compact Fluorescent, Recessed Fixture Housings *(26 51 16)*

26 51 16 00-0254	EA	4" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	164.73	37.46
		For ICAT Housing, Add	*13.98*	
26 51 16 00-0255	EA	5" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	169.44	37.46
		For ICAT Housing, Add	*14.59*	
26 51 16 00-0256	EA	6" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	175.84	39.29
		For ICAT Housing, Add	*15.08*	
26 51 16 00-0257	EA	7" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	181.02	40.99
		For ICAT Housing, Add	*15.41*	
26 51 16 00-0258	EA	8" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	186.95	42.70
		For ICAT Housing, Add	*15.84*	
26 51 16 00-0259	EA	10" To 12" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	192.69	45.31
		For ICAT Housing, Add	*16.07*	

26 51 16 00-0260 Fluorescent Track Lighting Fixtures *(26 51 16)*

26 51 16 00-0261	EA	2L 18W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	332.42	21.87
26 51 16 00-0262	EA	2L 39W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	342.98	21.87
26 51 16 00-0263	EA	2L 40W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	349.57	21.87
26 51 16 00-0264	EA	2L 50W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	230.66	21.87
26 51 16 00-0265	EA	2L, 55 Watt BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	376.89	21.87

26 51 16 00-0266 Compact Fluorescent Track Lighting Fixtures *(26 51 16)*

26 51 16 00-0267	EA	Compact Fluorescent Track Lighting Fixture	105.35	21.87

26 51 16 00-0268 Compact Fluorescent, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures *(26 51 16)*

26 51 16 00-0269	EA	13 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	147.88	52.39
		For Wall Mounted, Add	*6.02*	
26 51 16 00-0270	EA	22 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	151.57	52.39
		For Wall Mounted, Add	*6.02*	
26 51 16 00-0271	EA	28 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	160.72	52.39
		For Wall Mounted, Add	*6.02*	

26 51 16 00-0272 Wet Location, Dust Resistant, Vapor Tight, Enclosed And Gasketed, Industrial Fluorescent Fixtures *(26 51 16)*

26 51 16 00-0273 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures *(26 51 16 00-0272)*

26 51 16 00-0274 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Lithonia DMW) *(26 51 16 00-0273)*

Note: Includes high impact acrylic molded lens.

26 51 16 00-0275	EA	1 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	329.33	55.76
		For T5 Fixture Instead Of T8, Add	*28.12*	
26 51 16 00-0276	EA	2 T8 Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	345.31	55.76
		For T5 Fixture Instead Of T8, Add	*29.95*	
26 51 16 00-0277	EA	3 T8 Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	541.08	55.76
		For T5 Fixture Instead Of T8, Add	*52.36*	
26 51 16 00-0278	EA	1 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	467.04	55.76
26 51 16 00-0279	EA	2 T8HO Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	752.24	55.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0280		4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Day-Brite V2W) *(26 51 16 00-0273)*		
		Note: Includes high impact acrylic molded lens.		
26 51 16 00-0281	EA	1 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	388.35	55.76
26 51 16 00-0282	EA	2 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	393.21	55.76
26 51 16 00-0283	EA	3 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	574.22	55.76
26 51 16 00-0284	EA	1 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	474.41	55.76
26 51 16 00-0285	EA	2 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	496.04	55.76
26 51 16 00-0286		8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures *(26 51 16 00-0272)*		
		Note: Includes high impact acrylic molded lens.		
26 51 16 00-0287		8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Lithonia TDMW) *(26 51 16 00-0286)*		
		Note: Includes high impact acrylic molded lens.		
26 51 16 00-0288	EA	2 T8 Lamps, 8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia TDMW)	621.47	75.74
		For T5 Fixture Instead Of T8, Add	*58.14*	
26 51 16 00-0289	EA	4 T8 Lamps, 8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia TDMW)	646.68	75.74
		For T5 Fixture Instead Of T8, Add	*61.03*	
26 51 16 00-0290		High Bay Fluorescent Fixtures *(26 51 16)*		
26 51 16 00-0291		(T8) Fluorescent, High Bay Fixtures *(26 51 16 00-0290)*		
26 51 16 00-0292		(T8) Fluorescent, High Bay Fixtures (Lithonia) *(26 51 16 00-0291)*		
		Note: For 8' fixture, use two (2) 4' fixtures.		
26 51 16 00-0293	EA	2 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	540.93	122.04
		For Wire Guard, Add	*40.50*	
		For Acrylic Lens, Add	*54.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 16 00-0294	EA	3 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	566.35	135.21
		For Wire Guard, Add	*40.50*	
		For Acrylic Lens, Add	*54.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 16 00-0295	EA	4 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	641.79	154.35
		For Wire Guard, Add	*40.50*	
		For Acrylic Lens, Add	*54.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 16 00-0296	EA	6 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	770.61	162.61
		For Wire Guard, Add	*40.50*	
		For Acrylic Lens, Add	*54.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 16 00-0297	EA	8 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	838.55	170.15
		For Wire Guard, Add	*40.50*	
		For Acrylic Lens, Add	*54.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 16 00-0298	EA	4 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	497.70	154.35
		For Wire Guard, Add	*40.50*	
		For Acrylic Lens, Add	*54.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 16 00-0299	EA	6 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	523.50	162.61
		For Wire Guard, Add	*40.50*	
		For Acrylic Lens, Add	*54.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 16 00-0300	EA	8 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	601.37	170.15
		For Wire Guard, Add	*40.50*	
		For Acrylic Lens, Add	*54.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 16 00-0301		(T5HO) Fluorescent, High Bay Fixtures *(26 51 16 00-0290)*		
26 51 16 00-0302		(T5HO) Fluorescent, High Bay Fixtures (Lithonia) *(26 51 16 00-0301)*		
		Note: For 8' fixture, use two (2) 4' fixtures.		
26 51 16 00-0303	EA	2 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	549.33	122.04
		For Wire Guard, Add	*40.50*	
		For Acrylic Lens, Add	*54.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 16 00-0304	EA	3 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	576.02	135.21
		For Wire Guard, Add	*40.50*	
		For Acrylic Lens, Add	*54.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 16 00-0305	EA	4 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	656.71	154.35
		For Wire Guard, Add	*40.50*	
		For Acrylic Lens, Add	*54.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 16 00-0306	EA	6 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	798.37	162.61
		For Wire Guard, Add	*40.50*	
		For Acrylic Lens, Add	*54.00*	
		For Polycarbonate Lens, Add	*47.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0307	EA	4 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	531.54	154.35
		For Wire Guard, Add	*40.50*	
		For Acrylic Lens, Add	*54.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 16 00-0308	EA	6 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	588.75	162.61
		For Wire Guard, Add	*40.50*	
		For Acrylic Lens, Add	*54.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 16 00-0309	EA	8 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	691.57	170.15
		For Wire Guard, Add	*40.50*	
		For Acrylic Lens, Add	*54.00*	
		For Polycarbonate Lens, Add	*47.75*	

26 51 19 LED Interior Lighting *(26 51)*

26 51 19 00-0001 LED Fixtures *(26 51 19)*

26 51 19 00-0002 Undercabinet LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0003	EA	12" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ12-M6)	145.24	32.31
		For >50 To 100, Deduct	*-4.98*	
		For >100 To 250, Deduct	*-8.61*	
		For >250 To 500, Deduct	*-14.52*	
		For >500, Deduct	*-20.44*	
26 51 19 00-0004	EA	18" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ18-M6)	179.52	39.48
		For >50 To 100, Deduct	*-6.13*	
		For >100 To 250, Deduct	*-10.62*	
		For >250 To 500, Deduct	*-17.95*	
		For >500, Deduct	*-25.28*	
26 51 19 00-0005	EA	24" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ24-M6)	179.96	39.48
		For >50 To 100, Deduct	*-6.14*	
		For >100 To 250, Deduct	*-10.64*	
		For >250 To 500, Deduct	*-18.00*	
		For >500, Deduct	*-25.35*	
26 51 19 00-0006	EA	24" HIDE-A-LITE V Series LED Undercabinet Fixture (Progress Lighting P700003-028-30)	173.47	32.31
		For >50 To 100, Deduct	*-5.68*	
		For >100 To 250, Deduct	*-10.02*	
		For >250 To 500, Deduct	*-17.35*	
		For >500, Deduct	*-24.67*	

26 51 19 00-0007 Surface Mount Linear/Striplight LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0008 Striplight LED Fixtures (Lithonia CLX) *(26 51 19 00-0007)*

Note: Standard efficiency, flat or round diffuse lens, 120-277 volt, 0-10 volt dimming, 3000K to 5000K color temperature, 80CRI

26 51 19 00-0009	EA	2' Length, 1,500 Lumens, LED Striplight Fixture (Lithonia CLX) Note: With integral occupancy sensor	224.19	35.89
26 51 19 00-0010	EA	2' Length, 2,000 Lumens, LED Striplight Fixture (Lithonia CLX) Note: With integral occupancy sensor	230.13	35.89
26 51 19 00-0011	EA	4' Length, 3,000 Lumens, LED Striplight Fixture (Lithonia CLX) Note: With integral occupancy sensor	265.87	43.79
26 51 19 00-0012	EA	4' Length, 4,000 Lumens, LED Striplight Fixture (Lithonia CLX) Note: With integral occupancy sensor	271.83	43.79
26 51 19 00-0013	EA	4' Length, 5,000 Lumens, LED Striplight Fixture (Lithonia CLX) Note: With integral occupancy sensor	277.78	43.79
26 51 19 00-0014	EA	4' Length, 7,000 Lumens, LED Striplight Fixture (Lithonia CLX) Note: With integral occupancy sensor	283.72	43.79
26 51 19 00-0015	EA	4' Length, 9,000 Lumens, LED Striplight Fixture (Lithonia CLX) Note: With integral occupancy sensor	289.67	43.79
26 51 19 00-0016	EA	8' Length, 6,000 Lumens, LED Striplight Fixture (Lithonia CLX) Note: With integral occupancy sensor	370.02	51.81
26 51 19 00-0017	EA	8' Length, 8,000 Lumens, LED Striplight Fixture (Lithonia CLX) Note: With integral occupancy sensor	381.92	51.81
26 51 19 00-0018	EA	8' Length, 10,000 Lumens, LED Striplight Fixture (Lithonia CLX) Note: With integral occupancy sensor	395.30	51.81
26 51 19 00-0019	EA	8' Length, 14,000 Lumens, LED Striplight Fixture (Lithonia CLX) Note: With integral occupancy sensor	407.20	51.81
26 51 19 00-0020	EA	8' Length, 18,000 Lumens, LED Striplight Fixture (Lithonia CLX) Note: With integral occupancy sensor	420.58	51.81
26 51 19 00-0021	EA	8' Length, 20,000 Lumens, LED Striplight Fixture (Lithonia CLX) Note: With integral occupancy sensor	432.47	51.81

26 51 19 00-0022 Striplight LED Fixtures (Lithonia ZL) *(26 51 19 00-0007)*

26 51 19 00-0023	EA	3,000 Lumens, 2' Length, LED Striplight Fixture (Lithonia ZL1)	230.74	35.89
		For >50 To 100, Deduct	*-7.11*	
		For >100 To 250, Deduct	*-12.88*	
		For >250 To 500, Deduct	*-23.07*	
		For >500, Deduct	*-33.26*	
26 51 19 00-0024	EA	2,800 Lumens, 4' Length, LED Striplight Fixture (Lithonia ZL1)	242.70	43.79
		For >50 To 100, Deduct	*-7.71*	
		For >100 To 250, Deduct	*-13.78*	
		For >250 To 500, Deduct	*-24.27*	
		For >500, Deduct	*-34.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0025	EA	1,400 Lumens, 2' Length, Lensed LED Striplight Fixture (Lithonia ZL2)	273.50	35.89
		For >50 To 100, Deduct	*-8.18*	
		For >100 To 250, Deduct	*-15.02*	
		For >250 To 500, Deduct	*-27.35*	
		For >500, Deduct	*-39.68*	
26 51 19 00-0026	EA	2,300 Lumens, 4' Length, Lensed LED Striplight Fixture (Lithonia ZL2)	285.46	43.79
		For >50 To 100, Deduct	*-8.78*	
		For >100 To 250, Deduct	*-15.92*	
		For >250 To 500, Deduct	*-28.55*	
		For >500, Deduct	*-41.17*	
26 51 19 00-0027	EA	4,600 Lumens, 4' Length, Lensed LED Striplight Fixture (Lithonia ZL2)	357.71	43.79
		For >50 To 100, Deduct	*-10.59*	
		For >100 To 250, Deduct	*-19.53*	
		For >250 To 500, Deduct	*-35.77*	
		For >500, Deduct	*-52.01*	
26 51 19 00-0028		**Striplight LED Fixtures (Mobern)** *(26 51 19 00-0007)*		
26 51 19 00-0029	EA	1,100 Lumens, 12 Watt, 2' Length, Chrome, LED Bracket Fixture (Mobern 7924LED12DMV30)	233.88	35.89
		For >50 To 100, Deduct	*-7.19*	
		For >100 To 250, Deduct	*-13.04*	
		For >250 To 500, Deduct	*-23.39*	
		For >500, Deduct	*-33.74*	
26 51 19 00-0030		**Striplight LED Fixtures (Eaton)** *(26 51 19 00-0007)*		
26 51 19 00-0031	EA	2,301 Lumens, 18 Watt, 4' Length, LED Strip Lighting (Eaton Lighting 4SNLED-LD4-22SL-LC-UNV-L840-CD1-U)	297.41	43.79
		For >50 To 100, Deduct	*-9.08*	
		For >100 To 250, Deduct	*-16.52*	
		For >250 To 500, Deduct	*-29.74*	
		For >500, Deduct	*-42.97*	
26 51 19 00-0032	EA	2,382 Lumens, 16 Watt, 4' Length, LED Clear Lensed Striplight (Cooper Industries 4SNLED-LD5-22SL-LC-UNV-L840-CD1-U)	280.51	43.79
		For >50 To 100, Deduct	*-8.66*	
		For >100 To 250, Deduct	*-15.67*	
		For >250 To 500, Deduct	*-28.05*	
		For >500, Deduct	*-40.43*	
26 51 19 00-0033	EA	2,382 Lumens, 16 Watt, 4' Length, Clear Lens, LED Striplight (Cooper Industries Metalux Series 4SNLED-LD5-22SL-LC-UNV-830-CD1-U)	297.41	43.79
		For >50 To 100, Deduct	*-9.08*	
		For >100 To 250, Deduct	*-16.52*	
		For >250 To 500, Deduct	*-29.74*	
		For >500, Deduct	*-42.97*	
26 51 19 00-0034		**Lay-In/Troffer LED Fixtures** *(26 51 19 00-0001)*		
26 51 19 00-0035		**Prismatic Lensed, Lay-In/Troffer LED Fixtures** *(26 51 19 00-0034)*		
26 51 19 00-0036		**Prismatic Lensed, Lay-In/Troffer LED Fixtures (Lithonia)** *(26 51 19 00-0035)*		
26 51 19 00-0037	EA	1' x 4', 4,300 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia TL4)	628.70	43.43
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*47.89*	
		For >50 To 100, Deduct	*-17.36*	
		For >100 To 250, Deduct	*-33.08*	
		For >250 To 500, Deduct	*-62.87*	
		For >500, Deduct	*-92.66*	
26 51 19 00-0038	EA	2' x 2', 3,300 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia 2TL2)	377.48	47.86
		For Drywall Or Plaster Ceilings, Add	*32.31*	
		For >50 To 100, Deduct	*-11.23*	
		For >100 To 250, Deduct	*-20.67*	
		For >250 To 500, Deduct	*-37.75*	
		For >500, Deduct	*-54.83*	
26 51 19 00-0039	EA	2' x 4', 4,600 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia 2TL4)	634.55	55.76
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*52.67*	
		For >50 To 100, Deduct	*-17.96*	
		For >100 To 250, Deduct	*-33.82*	
		For >250 To 500, Deduct	*-63.46*	
		For >500, Deduct	*-93.09*	
26 51 19 00-0040		**Prismatic Lensed, Lay-In/Troffer LED Fixtures (Lunera)** *(26 51 19 00-0035)*		
26 51 19 00-0041	EA	1' x 4', 3,200 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 14G4)	906.44	43.43
		For >50 To 100, Deduct	*-24.31*	
		For >100 To 250, Deduct	*-46.97*	
		For >250 To 500, Deduct	*-90.64*	
		For >500, Deduct	*-134.32*	
26 51 19 00-0042	EA	2' x 2', 3,200 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 22G5)	637.20	47.86
		For >50 To 100, Deduct	*-17.72*	
		For >100 To 250, Deduct	*-33.65*	
		For >250 To 500, Deduct	*-63.72*	
		For >500, Deduct	*-93.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0043	EA	2' x 4', 4,175 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 24G4)	830.26	55.76
		For >50 To 100, Deduct	*-22.85*	
		For >100 To 250, Deduct	*-43.61*	
		For >250 To 500, Deduct	*-83.03*	
		For >500, Deduct	*-122.44*	
26 51 19 00-0044		**Prismatic Lensed, Lay-In/Troffer LED Fixtures (PlanLED)** *(26 51 19 00-0035)*		
26 51 19 00-0045	EA	2,591 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED FTB4E)	419.41	47.86
		For >50 To 100, Deduct	*-12.28*	
		For >100 To 250, Deduct	*-22.77*	
		For >250 To 500, Deduct	*-41.94*	
		For >500, Deduct	*-61.12*	
26 51 19 00-0046	EA	3,883 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED FTB4E)	464.26	47.86
		For >50 To 100, Deduct	*-13.40*	
		For >100 To 250, Deduct	*-25.01*	
		For >250 To 500, Deduct	*-46.43*	
		For >500, Deduct	*-67.84*	
26 51 19 00-0047	EA	3,700 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-40)	394.74	47.86
		For >50 To 100, Deduct	*-11.66*	
		For >100 To 250, Deduct	*-21.53*	
		For >250 To 500, Deduct	*-39.47*	
		For >500, Deduct	*-57.42*	
26 51 19 00-0048	EA	4,200 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-45)	394.74	47.86
		For >50 To 100, Deduct	*-11.66*	
		For >100 To 250, Deduct	*-21.53*	
		For >250 To 500, Deduct	*-39.47*	
		For >500, Deduct	*-57.42*	
26 51 19 00-0049	EA	4,600 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-50)	423.89	47.86
		For >50 To 100, Deduct	*-12.39*	
		For >100 To 250, Deduct	*-22.99*	
		For >250 To 500, Deduct	*-42.39*	
		For >500, Deduct	*-61.79*	
26 51 19 00-0050		**Volumetric, Lay-In/Troffer LED Fixtures** *(26 51 19 00-0034)*		
26 51 19 00-0051		**Volumetric, Lay-In/Troffer LED Fixtures (Lithonia)** *(26 51 19 00-0050)*		
26 51 19 00-0052	EA	1' x 4', 3,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia RTL4)	516.52	43.43
		For Drywall Or Plaster Ceilings, Add	*29.61*	
		For >50 To 100, Deduct	*-14.56*	
		For >100 To 250, Deduct	*-27.47*	
		For >250 To 500, Deduct	*-51.65*	
		For >500, Deduct	*-75.83*	
26 51 19 00-0053	EA	1' x 4', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia RTL4)	634.72	43.43
		For Drywall Or Plaster Ceilings, Add	*29.61*	
		For >50 To 100, Deduct	*-17.51*	
		For >100 To 250, Deduct	*-33.38*	
		For >250 To 500, Deduct	*-63.47*	
		For >500, Deduct	*-93.56*	
26 51 19 00-0054	EA	2' x 2', 2,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2)	497.09	47.86
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*42.80*	
		For >50 To 100, Deduct	*-14.22*	
		For >100 To 250, Deduct	*-26.65*	
		For >250 To 500, Deduct	*-49.71*	
		For >500, Deduct	*-72.77*	
26 51 19 00-0055	EA	2' x 2', 3,300 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2)	568.89	47.86
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*46.39*	
		For >50 To 100, Deduct	*-16.02*	
		For >100 To 250, Deduct	*-30.24*	
		For >250 To 500, Deduct	*-56.89*	
		For >500, Deduct	*-83.54*	
26 51 19 00-0056	EA	2' x 2', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2)	626.33	47.86
		For >50 To 100, Deduct	*-17.45*	
		For >100 To 250, Deduct	*-33.11*	
		For >250 To 500, Deduct	*-62.63*	
		For >500, Deduct	*-92.15*	
26 51 19 00-0057	EA	2' x 4', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4)	638.30	55.76
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*52.86*	
		For >50 To 100, Deduct	*-18.05*	
		For >100 To 250, Deduct	*-34.01*	
		For >250 To 500, Deduct	*-63.83*	
		For >500, Deduct	*-93.65*	
26 51 19 00-0058	EA	2' x 4', 4,800 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4)	695.74	55.76
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*55.73*	
		For >50 To 100, Deduct	*-19.49*	
		For >100 To 250, Deduct	*-36.88*	
		For >250 To 500, Deduct	*-69.57*	
		For >500, Deduct	*-102.27*	
26 51 19 00-0059	EA	2' x 4', 6,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4)	753.18	55.76
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*58.60*	
		For >50 To 100, Deduct	*-20.92*	
		For >100 To 250, Deduct	*-39.75*	
		For >250 To 500, Deduct	*-75.32*	
		For >500, Deduct	*-110.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0060	EA	2' x 2', 2,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL2)	439.66	47.86
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*39.93*	
		For >50 To 100, Deduct	*-12.79*	
		For >100 To 250, Deduct	*-23.78*	
		For >250 To 500, Deduct	*-43.97*	
		For >500, Deduct	*-64.15*	
26 51 19 00-0061	EA	2' x 2', 3,300 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL2)	511.45	47.86
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*43.52*	
		For >50 To 100, Deduct	*-14.58*	
		For >100 To 250, Deduct	*-27.37*	
		For >250 To 500, Deduct	*-51.15*	
		For >500, Deduct	*-74.92*	
26 51 19 00-0062	EA	2' x 2', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL2)	554.52	47.86
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*45.67*	
		For >50 To 100, Deduct	*-15.66*	
		For >100 To 250, Deduct	*-29.52*	
		For >250 To 500, Deduct	*-55.45*	
		For >500, Deduct	*-81.38*	
26 51 19 00-0063	EA	2' x 4', 3,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL4)	552.15	55.76
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*48.55*	
		For >50 To 100, Deduct	*-15.90*	
		For >100 To 250, Deduct	*-29.70*	
		For >250 To 500, Deduct	*-55.22*	
		For >500, Deduct	*-80.73*	
26 51 19 00-0064	EA	2' x 4', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL4)	580.86	55.76
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*49.98*	
		For >50 To 100, Deduct	*-16.62*	
		For >100 To 250, Deduct	*-31.14*	
		For >250 To 500, Deduct	*-58.09*	
		For >500, Deduct	*-85.04*	
26 51 19 00-0065	EA	2' x 4', 4,800 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL4)	638.30	55.76
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*52.86*	
		For >50 To 100, Deduct	*-18.05*	
		For >100 To 250, Deduct	*-34.01*	
		For >250 To 500, Deduct	*-63.83*	
		For >500, Deduct	*-93.65*	

26 51 19 00-0066 Architectural, Lay-In/Troffer LED Fixtures *(26 51 19 00-0034)*

26 51 19 00-0067 Architectural, Lay-In/Troffer LED Fixtures (Lithonia) *(26 51 19 00-0066)*

Note: Includes 4,000K color temperature, 120/277 voltage and steel housing assembly. Excludes sensors.

26 51 19 00-0068	EA	2,100 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4)	426.91	55.76
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*42.29*	
		For >50 To 100, Deduct	*-12.77*	
		For >100 To 250, Deduct	*-23.44*	
		For >250 To 500, Deduct	*-42.69*	
		For >500, Deduct	*-61.94*	
26 51 19 00-0069	EA	4,300 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4)	500.64	55.76
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*45.97*	
		For >50 To 100, Deduct	*-14.61*	
		For >100 To 250, Deduct	*-27.13*	
		For >250 To 500, Deduct	*-50.06*	
		For >500, Deduct	*-73.00*	
26 51 19 00-0070	EA	6,400 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4)	567.00	55.76
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*49.29*	
		For >50 To 100, Deduct	*-16.27*	
		For >100 To 250, Deduct	*-30.44*	
		For >250 To 500, Deduct	*-56.70*	
		For >500, Deduct	*-82.96*	

26 51 19 00-0071 Architectural, Lay-In/Troffer LED Fixtures (CREE® CR Series) *(26 51 19 00-0066)*

Note: Includes 3,000K, 3,500 or 4,000K color temperature, 120/277 voltage and 20 gauge steel housing assembly. Excludes sensors.

26 51 19 00-0072	EA	1' x 4', 2,200 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	433.41	55.76
		For Expanded Size Junction Box For Through Wiring, Add	*4.40*	
		For Drywall Or Plaster Ceilings, Add	*143.44*	
		For Surface Mount, Add	*227.21*	
		For >50 To 100, Deduct	*-12.93*	
		For >100 To 250, Deduct	*-23.76*	
		For >250 To 500, Deduct	*-43.34*	
		For >500, Deduct	*-62.92*	
26 51 19 00-0073	EA	1' x 4', 3,100 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	466.40	55.76
		For Expanded Size Junction Box For Through Wiring, Add	*4.40*	
		For Drywall Or Plaster Ceilings, Add	*143.44*	
		For Surface Mount, Add	*227.21*	
		For >50 To 100, Deduct	*-13.75*	
		For >100 To 250, Deduct	*-25.41*	
		For >250 To 500, Deduct	*-46.64*	
		For >500, Deduct	*-67.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0074	EA	1' x 4', 4,000 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	466.40	55.76
		For Expanded Size Junction Box For Through Wiring, Add	*4.40*	
		For Drywall Or Plaster Ceilings, Add	*143.44*	
		For Surface Mount, Add	*227.21*	
		For >50 To 100, Deduct	*-13.75*	
		For >100 To 250, Deduct	*-25.41*	
		For >250 To 500, Deduct	*-46.64*	
		For >500, Deduct	*-67.87*	
26 51 19 00-0075	EA	1' x 4', 5,000 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	515.08	55.76
		For Expanded Size Junction Box For Through Wiring, Add	*4.40*	
		For Drywall Or Plaster Ceilings, Add	*143.44*	
		For Surface Mount, Add	*227.21*	
		For >50 To 100, Deduct	*-14.97*	
		For >100 To 250, Deduct	*-27.85*	
		For >250 To 500, Deduct	*-51.51*	
		For >500, Deduct	*-75.17*	
26 51 19 00-0076	EA	2' x 2', 2,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR22™) Note: CCT 30K to 50K	402.78	47.86
		For Expanded Size Junction Box For Through Wiring, Add	*4.40*	
		For Drywall Or Plaster Ceilings, Add	*125.19*	
		For Surface Mount, Add	*213.82*	
		For >50 To 100, Deduct	*-11.86*	
		For >100 To 250, Deduct	*-21.93*	
		For >250 To 500, Deduct	*-40.28*	
		For >500, Deduct	*-58.62*	
26 51 19 00-0077	EA	2' x 2', 3,200 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR22™) Note: CCT 30K to 50K	380.61	47.86
		For Expanded Size Junction Box For Through Wiring, Add	*4.40*	
		For Drywall Or Plaster Ceilings, Add	*125.19*	
		For Surface Mount, Add	*213.82*	
		For >50 To 100, Deduct	*-11.31*	
		For >100 To 250, Deduct	*-20.83*	
		For >250 To 500, Deduct	*-38.06*	
		For >500, Deduct	*-55.30*	
26 51 19 00-0078	EA	2' x 4', 2,200 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™) Note: CCT 30K to 50K	451.71	55.76
		For Expanded Size Junction Box For Through Wiring, Add	*4.40*	
		For Drywall Or Plaster Ceilings, Add	*146.58*	
		For Surface Mount, Add	*247.63*	
		For >50 To 100, Deduct	*-13.39*	
		For >100 To 250, Deduct	*-24.68*	
		For >250 To 500, Deduct	*-45.17*	
		For >500, Deduct	*-65.66*	
26 51 19 00-0079	EA	2' x 4', 3,100 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™) Note: CCT 30K to 50K	466.40	55.76
		For Expanded Size Junction Box For Through Wiring, Add	*4.40*	
		For Drywall Or Plaster Ceilings, Add	*146.58*	
		For Surface Mount, Add	*247.63*	
		For >50 To 100, Deduct	*-13.75*	
		For >100 To 250, Deduct	*-25.41*	
		For >250 To 500, Deduct	*-46.64*	
		For >500, Deduct	*-67.87*	
26 51 19 00-0080	EA	2' x 4', 4,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™) Note: CCT 30K to 50K	466.40	55.76
		For Expanded Size Junction Box For Through Wiring, Add	*4.40*	
		For Drywall Or Plaster Ceilings, Add	*146.58*	
		For Surface Mount, Add	*247.63*	
		For >50 To 100, Deduct	*-13.75*	
		For >100 To 250, Deduct	*-25.41*	
		For >250 To 500, Deduct	*-46.64*	
		For >500, Deduct	*-67.87*	
26 51 19 00-0081	EA	2' x 4', 4,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24 LHE™) Note: CCT 30K to 50K	590.47	55.76
		For Expanded Size Junction Box For Through Wiring, Add	*4.40*	
		For Drywall Or Plaster Ceilings, Add	*146.58*	
		For Surface Mount, Add	*247.63*	
		For >50 To 100, Deduct	*-16.86*	
		For >100 To 250, Deduct	*-31.62*	
		For >250 To 500, Deduct	*-59.05*	
		For >500, Deduct	*-86.48*	
26 51 19 00-0082	EA	2' x 4', 5,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™) Note: CCT 30K to 50K	515.08	55.76
		For Expanded Size Junction Box For Through Wiring, Add	*4.40*	
		For Drywall Or Plaster Ceilings, Add	*146.58*	
		For Surface Mount, Add	*247.63*	
		For >50 To 100, Deduct	*-14.97*	
		For >100 To 250, Deduct	*-27.85*	
		For >250 To 500, Deduct	*-51.51*	
		For >500, Deduct	*-75.17*	

26 51 19 00-0083 Architectural, Lay-In/Troffer LED Fixtures (Metalux®) *(26 51 19 00-0066)*
Note: Includes 3,000K, 3,500 or 4,000K color temperature, 120/277 voltage and code gauge steel housing assembly. Excludes sensors.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0084	EA	2' x 2', 2,500 Lumens, Architectural, Lay-In/Troffer LED Fixture (Metalux® Accord™ 2AC)	308.01	47.86
		For >50 To 100, Deduct	*-9.50*	
		For >100 To 250, Deduct	*-17.20*	
		For >250 To 500, Deduct	*-30.80*	
		For >500, Deduct	*-44.41*	
26 51 19 00-0085	EA	2' x 4', 4,700 Lumens, Architectural, Lay-In/Troffer LED Fixture (Metalux® Accord™ 2AC)	409.11	55.76
		For >50 To 100, Deduct	*-12.32*	
		For >100 To 250, Deduct	*-22.55*	
		For >250 To 500, Deduct	*-40.91*	
		For >500, Deduct	*-59.27*	
26 51 19 00-0086		Architectural, Lay-In/Troffer LED Fixtures (Finelite) *(26 51 19 00-0066)*		
		Note: Includes 3,000K color temperature, 120/277 voltage and 20 gauge steel housing assembly. Excludes sensors.		
26 51 19 00-0087	EA	2' x 2', 4,301 Lumens, Architectural, Lay-In/Troffer LED Fixture (Finelite HPR LED A 2x2)	420.02	47.86
		For >50 To 100, Deduct	*-12.30*	
		For >100 To 250, Deduct	*-22.80*	
		For >250 To 500, Deduct	*-42.00*	
		For >500, Deduct	*-61.21*	
26 51 19 00-0088	EA	2' x 4', 4,671 Lumens, Architectural, Lay-In/Troffer LED Fixture (Finelite HPR LED A 2x2)	569.61	56.23
		For >50 To 100, Deduct	*-16.33*	
		For >100 To 250, Deduct	*-30.57*	
		For >250 To 500, Deduct	*-56.96*	
		For >500, Deduct	*-83.35*	
26 51 19 00-0089		Shadow Box Style, Lay-In/Troffer LED Fixtures *(26 51 19 00-0034)*		
26 51 19 00-0090		Shadow Box Style, Lay-In/Troffer LED Fixtures (Lithonia SBSL) *(26 51 19 00-0089)*		
26 51 19 00-0091	EA	2' x 2', 3,300 Lumens, Shadow Box Style, Lay-In/Troffer LED Fixture (Lithonia 2SBSL2)	667.78	47.86
		For Drywall Or Plaster Ceilings, Add	*32.31*	
		For >50 To 100, Deduct	*-18.49*	
		For >100 To 250, Deduct	*-35.18*	
		For >250 To 500, Deduct	*-66.78*	
		For >500, Deduct	*-98.37*	
26 51 19 00-0092	EA	2' x 4', 4,600 Lumens, Shadow Box Style, Lay-In/Troffer LED Fixture (Lithonia 2SBSL4)	911.27	55.76
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*66.50*	
		For >50 To 100, Deduct	*-24.88*	
		For >100 To 250, Deduct	*-47.66*	
		For >250 To 500, Deduct	*-91.13*	
		For >500, Deduct	*-134.60*	
26 51 19 00-0093		Panel Type, Lay-In/Troffer LED Fixtures *(26 51 19 00-0034)*		
26 51 19 00-0094		Panel Type, Lay-In/Troffer LED Fixtures (PlanLED Galaxy) *(26 51 19 00-0093)*		
26 51 19 00-0095	EA	1' x 4', 3,100 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL140-34)	455.52	55.76
		For >50 To 100, Deduct	*-13.48*	
		For >100 To 250, Deduct	*-24.87*	
		For >250 To 500, Deduct	*-45.55*	
		For >500, Deduct	*-66.23*	
26 51 19 00-0096	EA	2' x 2', 3,100 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL220-34)	473.33	55.76
		For >50 To 100, Deduct	*-13.93*	
		For >100 To 250, Deduct	*-25.76*	
		For >250 To 500, Deduct	*-47.33*	
		For >500, Deduct	*-68.91*	
26 51 19 00-0097	EA	2' x 4', 4,000 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL240-40)	591.31	55.76
		For >50 To 100, Deduct	*-16.88*	
		For >100 To 250, Deduct	*-31.66*	
		For >250 To 500, Deduct	*-59.13*	
		For >500, Deduct	*-86.60*	
26 51 19 00-0098	EA	2' x 4', 5,000 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL240-52)	591.31	55.76
		For >50 To 100, Deduct	*-16.88*	
		For >100 To 250, Deduct	*-31.66*	
		For >250 To 500, Deduct	*-59.13*	
		For >500, Deduct	*-86.60*	
26 51 19 00-0099		Panel Type, Lay-In/Troffer LED Fixtures (Sylvania) *(26 51 19 00-0093)*		
26 51 19 00-0100	EA	1' x 4', 3,300 Lumens, 32 Watt, LED Edge Lite Panel (Sylvania PANELF1A/032UNVD840/14G/WH)	240.23	55.76
		For Surface Mounting Kit (Sylvania SMKIT1A/14A/WH), Add	*58.45*	
		For >50 To 100, Deduct	*-8.10*	
		For >100 To 250, Deduct	*-14.11*	
		For >250 To 500, Deduct	*-24.02*	
		For >500, Deduct	*-33.94*	
26 51 19 00-0101	EA	2' x 2', 3,500 Lumens, 32 Watt, LED Edge Lite Panel (Sylvania PANELF1A/032UNVD840/22G/WH)	247.85	55.76
		For >50 To 100, Deduct	*-8.29*	
		For >100 To 250, Deduct	*-14.49*	
		For >250 To 500, Deduct	*-24.79*	
		For >500, Deduct	*-35.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0102	EA	2' x 4', 3,300 Lumens, 32 Watt, LED Edge Lite Panel (Sylvania PANELF1A/032UNVD840/24G/WH)	251.34	55.76
		For Surface Mounting Kit (Sylvania SMKIT1A/24A/WH)	*73.06*	
		For >50 To 100, Deduct	*-8.38*	
		For >100 To 250, Deduct	*-14.66*	
		For >250 To 500, Deduct	*-25.13*	
		For >500, Deduct	*-35.61*	
26 51 19 00-0103	EA	2' x 4', 3,300 Lumens, 32 Watt, 3500K CCT, LED Edge Lite Panel With Kit (Sylvania PANELF1A/032UNVD835/24G/WH_SMKIT1A/24A/WH)	580.62	55.76
		For >50 To 100, Deduct	*-16.61*	
		For >100 To 250, Deduct	*-31.13*	
		For >250 To 500, Deduct	*-58.06*	
		For >500, Deduct	*-85.00*	

26 51 19 00-0104 Surface Mount LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0105 Surface Mount, Volumetric LED Fixtures (Lithonia STL) *(26 51 19 00-0104)*

26 51 19 00-0106	EA	2' Length, 2,200 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL2)	374.88	35.89
		For >50 To 100, Deduct	*-10.72*	
		For >100 To 250, Deduct	*-20.09*	
		For >250 To 500, Deduct	*-37.49*	
		For >500, Deduct	*-54.89*	
26 51 19 00-0107	EA	4' Length, 3,000 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL4)	315.48	43.79
		For >50 To 100, Deduct	*-9.53*	
		For >100 To 250, Deduct	*-17.42*	
		For >250 To 500, Deduct	*-31.55*	
		For >500, Deduct	*-45.68*	
26 51 19 00-0108	EA	4' Length, 4,000 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL4)	379.09	43.79
		For >50 To 100, Deduct	*-11.12*	
		For >100 To 250, Deduct	*-20.60*	
		For >250 To 500, Deduct	*-37.91*	
		For >500, Deduct	*-55.22*	

26 51 19 00-0109 Surface Mount, Wraparound LED Fixtures (Lithonia LBL) *(26 51 19 00-0104)*

26 51 19 00-0110	EA	2' Length, 2,000 Lumens, Surface Mount, Wraparound LED Fixture (Lithonia LBL2)	289.10	35.89
		For >50 To 100, Deduct	*-8.57*	
		For >100 To 250, Deduct	*-15.80*	
		For >250 To 500, Deduct	*-28.91*	
		For >500, Deduct	*-42.02*	
26 51 19 00-0111	EA	4' Length, 4,000 Lumens, Surface Mount, Wraparound LED Fixture (Lithonia LBL4)	379.90	43.79
		For >50 To 100, Deduct	*-11.14*	
		For >100 To 250, Deduct	*-20.64*	
		For >250 To 500, Deduct	*-37.99*	
		For >500, Deduct	*-55.34*	

26 51 19 00-0112 Surface Mount, Shadow Box Style LED Fixtures *(26 51 19 00-0104)*

26 51 19 00-0113 Surface Mount, Shadow Box Style LED Fixtures (Lithonia SBSLX) *(26 51 19 00-0112)*

26 51 19 00-0114	EA	2' x 2', 3,300 Lumens, Surface Mount, Shadow Box Style LED Fixture (Lithonia 2SBSLX2)	857.00	47.86
		For >50 To 100, Deduct	*-23.22*	
		For >100 To 250, Deduct	*-44.64*	
		For >250 To 500, Deduct	*-85.70*	
		For >500, Deduct	*-126.76*	
26 51 19 00-0115	EA	2' x 4', 4,600 Lumens, Surface Mount, Shadow Box Style LED Fixture (Lithonia 2SBSLX4)	1,100.49	55.76
		For >50 To 100, Deduct	*-29.61*	
		For >100 To 250, Deduct	*-57.12*	
		For >250 To 500, Deduct	*-110.05*	
		For >500, Deduct	*-162.98*	

26 51 19 00-0116 Surface Mount, Low Profile Fixtures *(26 51 19 00-0104)*

26 51 19 00-0117	EA	6" Diameter, 993 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting - 8538-90)	113.84	32.79
		For >50 To 100, Deduct	*-4.49*	
		For >100 To 250, Deduct	*-7.33*	
		For >250 To 500, Deduct	*-11.38*	
		For >500, Deduct	*-15.44*	
26 51 19 00-0118	EA	6" Diameter, 1,215 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting - 8569)	92.89	32.79
		For >50 To 100, Deduct	*-3.96*	
		For >100 To 250, Deduct	*-6.28*	
		For >250 To 500, Deduct	*-9.29*	
		For >500, Deduct	*-12.29*	
26 51 19 00-0119	EA	13" Diameter, 1,400 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting - 4329)	157.83	32.79
		For >50 To 100, Deduct	*-5.59*	
		For >100 To 250, Deduct	*-9.53*	
		For >250 To 500, Deduct	*-15.78*	
		For >500, Deduct	*-22.04*	
26 51 19 00-0120	EA	15" Diameter, 2,100 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting 4330)	191.35	32.79
		For >50 To 100, Deduct	*-6.42*	
		For >100 To 250, Deduct	*-11.21*	
		For >250 To 500, Deduct	*-19.14*	
		For >500, Deduct	*-27.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 51 19 00-0121 Recessed LED Downlights *(26 51 19 00-0001)*

26 51 19 00-0122 Recessed LED Downlights *(26 51 19 00-0121)*

26 51 19 00-0123 Recessed LED Downlights (Lithonia) *(26 51 19 00-0122)*

Note: Includes housing and trim.

26 51 19 00-0124	EA	8" Diameter, 1,200 Lumens, Recessed LED Downlight With Open Trim (Lithonia DOM8 LED)	426.64	57.62
		For Dimming Driver And Sensor Switch nLight Dimming Relay, Add	*89.73*	
		For >50 To 100, Deduct	*-12.83*	
		For >100 To 250, Deduct	*-23.49*	
		For >250 To 500, Deduct	*-42.66*	
		For >500, Deduct	*-61.84*	
26 51 19 00-0125	EA	8" Diameter, 1,500 Lumens, Recessed LED Downlight With Open Trim (Lithonia DOM8 LED)	463.51	57.62
		For Dimming Driver And Sensor Switch nLight Dimming Relay, Add	*89.73*	
		For >50 To 100, Deduct	*-13.75*	
		For >100 To 250, Deduct	*-25.34*	
		For >250 To 500, Deduct	*-46.35*	
		For >500, Deduct	*-67.37*	

26 51 19 00-0126 Recessed LED Downlights (Portfolio®) *(26 51 19 00-0122)*

Note: Includes housing and trim.

26 51 19 00-0127	EA	4" Diameter, 1,300 Lumens, Recessed LED Downlight With Open Trim (Portfolio® LD413)	269.85	57.62
		For >50 To 100, Deduct	*-8.91*	
		For >100 To 250, Deduct	*-15.65*	
		For >250 To 500, Deduct	*-26.99*	
		For >500, Deduct	*-38.32*	

26 51 19 00-0128 Recessed LED Downlights (Gotham® EVO®) *(26 51 19 00-0122)*

Note: Includes housing and trim.

26 51 19 00-0129	EA	6" Diameter, 1,800 Lumens, Recessed LED Downlight With Open Trim (Gotham® EVO® ALED)	318.42	57.62
		For >50 To 100, Deduct	*-10.12*	
		For >100 To 250, Deduct	*-18.08*	
		For >250 To 500, Deduct	*-31.84*	
		For >500, Deduct	*-45.60*	
26 51 19 00-0130	EA	6" Diameter, 1,800 Lumens, Recessed LED Shower Downlight With Non-Conductive Regressed Lens (Gotham® EVO® ALED)	328.31	57.62
		For >50 To 100, Deduct	*-10.37*	
		For >100 To 250, Deduct	*-18.58*	
		For >250 To 500, Deduct	*-32.83*	
		For >500, Deduct	*-47.09*	
26 51 19 00-0131	EA	6" Diameter, 1,800 Lumens, Recessed LED Wallwash Downlight With Specular Reflector Trim (Gotham® EVO® DLWLED)	368.89	57.62
		For >50 To 100, Deduct	*-11.38*	
		For >100 To 250, Deduct	*-20.61*	
		For >250 To 500, Deduct	*-36.89*	
		For >500, Deduct	*-53.17*	
26 51 19 00-0132	EA	6" Diameter, 1,800 Lumens, Decorative Recessed LED Downlight With Glass Drop Luminous Ring (Gotham® EVO® ALED)	372.86	57.62
		For >50 To 100, Deduct	*-11.48*	
		For >100 To 250, Deduct	*-20.80*	
		For >250 To 500, Deduct	*-37.29*	
		For >500, Deduct	*-53.77*	
26 51 19 00-0133	EA	6" Diameter, 1,800 Lumens, Vandal Resistant, Recessed LED Downlight With Tempered Prismatic Lens (Gotham® EVO® VRALED)	407.49	57.62
		For >50 To 100, Deduct	*-12.35*	
		For >100 To 250, Deduct	*-22.54*	
		For >250 To 500, Deduct	*-40.75*	
		For >500, Deduct	*-58.96*	

26 51 19 00-0134 Recessed LED Downlights (Lightolier) *(26 51 19 00-0122)*

Note: Includes housing and trim.

26 51 19 00-0135	EA	4" Diameter, 500 Lumens, Recessed LED Downlight With Open Trim (Lightolier C4L05DL)	640.79	57.62
		For >50 To 100, Deduct	*-18.18*	
		For >100 To 250, Deduct	*-34.20*	
		For >250 To 500, Deduct	*-64.08*	
		For >500, Deduct	*-93.96*	
26 51 19 00-0136	EA	4" Diameter, 1,000 Lumens, Recessed LED Downlight With Open Trim (Lightolier C4L10DL)	751.95	57.62
		For >50 To 100, Deduct	*-20.96*	
		For >100 To 250, Deduct	*-39.76*	
		For >250 To 500, Deduct	*-75.20*	
		For >500, Deduct	*-110.63*	
26 51 19 00-0137	EA	6" Diameter, 1,500 Lumens, Recessed LED Downlight With Open Trim (Lightolier C6L1520DL)	807.40	57.62
		For >50 To 100, Deduct	*-22.35*	
		For >100 To 250, Deduct	*-42.53*	
		For >250 To 500, Deduct	*-80.74*	
		For >500, Deduct	*-118.95*	
26 51 19 00-0138	EA	6" Diameter, 2,000 Lumens, Recessed LED Downlight With Open Trim (Lightolier C6L1520DL)	807.40	57.62
		For >50 To 100, Deduct	*-22.35*	
		For >100 To 250, Deduct	*-42.53*	
		For >250 To 500, Deduct	*-80.74*	
		For >500, Deduct	*-118.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0139	EA	7" Diameter, 1,500 Lumens, Recessed LED Downlight With Open Trim (Lightolier C7L1520DL)	835.25	57.62
		For >50 To 100, Deduct	*-23.04*	
		For >100 To 250, Deduct	*-43.92*	
		For >250 To 500, Deduct	*-83.53*	
		For >500, Deduct	*-123.13*	
26 51 19 00-0140	EA	7" Diameter, 2,000 Lumens, Recessed LED Downlight With Open Trim (Lightolier C7L1520DL)	863.12	57.62
		For >50 To 100, Deduct	*-23.74*	
		For >100 To 250, Deduct	*-45.32*	
		For >250 To 500, Deduct	*-86.31*	
		For >500, Deduct	*-127.31*	

26 51 19 00-0141 Recessed LED Downlights (Cooper) *(26 51 19 00-0122)*

26 51 19 00-0142	EA	600 Lumens, 2700K CCT, LED Downlight (Cooper Halo ML5606827)	169.47	57.62
		For >50 To 100, Deduct	*-6.40*	
		For >100 To 250, Deduct	*-10.63*	
		For >250 To 500, Deduct	*-16.95*	
		For >500, Deduct	*-23.26*	
26 51 19 00-0143	EA	600 Lumens, 3000K CCT, LED Downlight (Cooper Halo ML5606830)	169.47	57.62
		For >50 To 100, Deduct	*-6.40*	
		For >100 To 250, Deduct	*-10.63*	
		For >250 To 500, Deduct	*-16.95*	
		For >500, Deduct	*-23.26*	
26 51 19 00-0144	EA	600 Lumens, 3500K CCT, LED Downlight (Cooper Halo ML5606835)	169.47	57.62
		For >50 To 100, Deduct	*-6.40*	
		For >100 To 250, Deduct	*-10.63*	
		For >250 To 500, Deduct	*-16.95*	
		For >500, Deduct	*-23.26*	
26 51 19 00-0145	EA	600 Lumens, 4000K CCT, LED Downlight (Cooper Halo ML5606840)	169.47	57.62
		For >50 To 100, Deduct	*-6.40*	
		For >100 To 250, Deduct	*-10.63*	
		For >250 To 500, Deduct	*-16.95*	
		For >500, Deduct	*-23.26*	
26 51 19 00-0146	EA	900 Lumens, 2700K CCT, LED Downlight (Cooper Halo ML5609827)	172.56	57.62
		For >50 To 100, Deduct	*-6.48*	
		For >100 To 250, Deduct	*-10.79*	
		For >250 To 500, Deduct	*-17.26*	
		For >500, Deduct	*-23.72*	
26 51 19 00-0147	EA	900 Lumens, 3000K CCT, LED Downlight (Cooper Halo ML5609830)	172.56	57.62
		For >50 To 100, Deduct	*-6.48*	
		For >100 To 250, Deduct	*-10.79*	
		For >250 To 500, Deduct	*-17.26*	
		For >500, Deduct	*-23.72*	
26 51 19 00-0148	EA	900 Lumens, 3500K CCT, LED Downlight (Cooper Halo ML5609835)	172.56	57.62
		For >50 To 100, Deduct	*-6.48*	
		For >100 To 250, Deduct	*-10.79*	
		For >250 To 500, Deduct	*-17.26*	
		For >500, Deduct	*-23.72*	
26 51 19 00-0149	EA	900 Lumens, 4000K CCT, LED Downlight (Cooper Halo ML5609840)	172.56	57.62
		For >50 To 100, Deduct	*-6.48*	
		For >100 To 250, Deduct	*-10.79*	
		For >250 To 500, Deduct	*-17.26*	
		For >500, Deduct	*-23.72*	
26 51 19 00-0150	EA	1,200 Lumens, 2700K CCT, LED Downlight (Cooper Halo ML5612827)	214.48	57.62
		For >50 To 100, Deduct	*-7.52*	
		For >100 To 250, Deduct	*-12.89*	
		For >250 To 500, Deduct	*-21.45*	
		For >500, Deduct	*-30.01*	
26 51 19 00-0151	EA	1,200 Lumens, 3000K CCT, LED Downlight (Cooper Halo ML5612830)	212.35	57.62
		For >50 To 100, Deduct	*-7.47*	
		For >100 To 250, Deduct	*-12.78*	
		For >250 To 500, Deduct	*-21.24*	
		For >500, Deduct	*-29.69*	
26 51 19 00-0152	EA	1,200 Lumens, 3500K CCT, LED Downlight (Cooper Halo ML5612835)	212.35	57.62
		For >50 To 100, Deduct	*-7.47*	
		For >100 To 250, Deduct	*-12.78*	
		For >250 To 500, Deduct	*-21.24*	
		For >500, Deduct	*-29.69*	
26 51 19 00-0153	EA	1,200 Lumens, 4000K CCT, LED Downlight (Cooper Halo ML5612840)	212.35	57.62
		For >50 To 100, Deduct	*-7.47*	
		For >100 To 250, Deduct	*-12.78*	
		For >250 To 500, Deduct	*-21.24*	
		For >500, Deduct	*-29.69*	
26 51 19 00-0154	EA	5" LED Trim, Polymer Dead-Front, Shallow White Baffle And Flange (Cooper Halo 591WB)	102.11	18.34
		For >50 To 100, Deduct	*-3.24*	
		For >100 To 250, Deduct	*-5.79*	
		For >250 To 500, Deduct	*-10.21*	
		For >500, Deduct	*-14.63*	
26 51 19 00-0155	EA	5" LED Trim, Specular Reflector And White Flange (Cooper Halo 592SC)	63.74	18.34
		For >50 To 100, Deduct	*-2.28*	
		For >100 To 250, Deduct	*-3.87*	
		For >250 To 500, Deduct	*-6.37*	
		For >500, Deduct	*-8.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0156	EA	5" LED Trim, Haze Reflector And White Flange (Cooper Halo 592H)	80.25	18.34
		For >50 To 100, Deduct	*-2.69*	
		For >100 To 250, Deduct	*-4.70*	
		For >250 To 500, Deduct	*-8.03*	
		For >500, Deduct	*-11.35*	
26 51 19 00-0157	EA	5" LED Trim, White Reflector And Flange (Cooper Halo 592W)	67.06	18.34
		For >50 To 100, Deduct	*-2.36*	
		For >100 To 250, Deduct	*-4.04*	
		For >250 To 500, Deduct	*-6.71*	
		For >500, Deduct	*-9.37*	
26 51 19 00-0158	EA	5" LED Trim, White Micro-Step Baffle And Flange (Cooper Halo 593WB)	53.57	18.34
		For >50 To 100, Deduct	*-2.03*	
		For >100 To 250, Deduct	*-3.37*	
		For >250 To 500, Deduct	*-5.36*	
		For >500, Deduct	*-7.35*	
26 51 19 00-0159	EA	5" LED Trim, Black Micro-Step Baffle And White Flange (Cooper Halo 593BB)	66.47	18.34
		For >50 To 100, Deduct	*-2.35*	
		For >100 To 250, Deduct	*-4.01*	
		For >250 To 500, Deduct	*-6.65*	
		For >500, Deduct	*-9.28*	
26 51 19 00-0160	EA	5" LED Trim, Satin Nickel Micro-Step Baffle And Flange (Cooper Halo 593SNB)	74.32	18.34
		For >50 To 100, Deduct	*-2.55*	
		For >100 To 250, Deduct	*-4.40*	
		For >250 To 500, Deduct	*-7.43*	
		For >500, Deduct	*-10.46*	
26 51 19 00-0161	EA	5" LED Trim, Tuscan Bronze Micro-Step Baffle And Flange (Cooper Halo 593TBZB)	81.32	18.34
		For >50 To 100, Deduct	*-2.72*	
		For >100 To 250, Deduct	*-4.75*	
		For >250 To 500, Deduct	*-8.13*	
		For >500, Deduct	*-11.51*	
26 51 19 00-0162	EA	5" LED Directional Trim, White eyeball, Baffle And Flange (Cooper Halo 594WB)	95.00	18.34
		For >50 To 100, Deduct	*-3.06*	
		For >100 To 250, Deduct	*-5.44*	
		For >250 To 500, Deduct	*-9.50*	
		For >500, Deduct	*-13.56*	
26 51 19 00-0163	EA	5" LED Directional Trim, Satin Nickel eyeball, Baffle And Flange (Cooper Halo 594SNB)	95.44	18.34
		For >50 To 100, Deduct	*-3.07*	
		For >100 To 250, Deduct	*-5.46*	
		For >250 To 500, Deduct	*-9.54*	
		For >500, Deduct	*-13.63*	
26 51 19 00-0164	EA	5" LED Directional Trim, Tuscan Bronze eyeball, Baffle And Flange (Cooper Halo 594TBZB)	93.47	18.34
		For >50 To 100, Deduct	*-3.02*	
		For >100 To 250, Deduct	*-5.36*	
		For >250 To 500, Deduct	*-9.35*	
		For >500, Deduct	*-13.33*	
26 51 19 00-0165	EA	5" LED Trim, Wall Wash - Specular reflector, repositionable Specular kick reflector, White Flange (Cooper Halo 595WW)	115.90	18.34
		For >50 To 100, Deduct	*-3.59*	
		For >100 To 250, Deduct	*-6.48*	
		For >250 To 500, Deduct	*-11.59*	
		For >500, Deduct	*-16.70*	
26 51 19 00-0166	EA	5" LED Trim, White Shallow Baffle And Flange (Cooper Halo 596WB)	54.05	18.34
		For >50 To 100, Deduct	*-2.04*	
		For >100 To 250, Deduct	*-3.39*	
		For >250 To 500, Deduct	*-5.41*	
		For >500, Deduct	*-7.42*	
26 51 19 00-0167	EA	6" LED Trim, Polymer Dead-Front, White Shallow Baffle And Flange (Cooper Halo 691WB)	98.83	18.34
		For >50 To 100, Deduct	*-3.16*	
		For >100 To 250, Deduct	*-5.63*	
		For >250 To 500, Deduct	*-9.88*	
		For >500, Deduct	*-14.14*	
26 51 19 00-0168	EA	6" LED Trim, Specular Reflector And White Flange (Cooper Halo 692SC)	83.73	18.34
		For >50 To 100, Deduct	*-2.78*	
		For >100 To 250, Deduct	*-4.87*	
		For >250 To 500, Deduct	*-8.37*	
		For >500, Deduct	*-11.87*	
26 51 19 00-0169	EA	6" LED Trim, Haze Reflector And White Flange (Cooper Halo 692H)	78.43	18.34
		For >50 To 100, Deduct	*-2.65*	
		For >100 To 250, Deduct	*-4.61*	
		For >250 To 500, Deduct	*-7.84*	
		For >500, Deduct	*-11.08*	
26 51 19 00-0170	EA	6" LED Trim, White Reflector And Flange (Cooper Halo 692W)	69.70	18.34
		For >50 To 100, Deduct	*-2.43*	
		For >100 To 250, Deduct	*-4.17*	
		For >250 To 500, Deduct	*-6.97*	
		For >500, Deduct	*-9.77*	
26 51 19 00-0171	EA	6" LED Trim, White Micro-Step Baffle And Flange (Cooper Halo 693WB)	70.33	18.34
		For >50 To 100, Deduct	*-2.45*	
		For >100 To 250, Deduct	*-4.20*	
		For >250 To 500, Deduct	*-7.03*	
		For >500, Deduct	*-9.86*	
26 51 19 00-0172	EA	6" LED Trim, Black Micro-Step Baffle And White Flange (Cooper Halo 693BB)	75.93	18.34
		For >50 To 100, Deduct	*-2.59*	
		For >100 To 250, Deduct	*-4.48*	
		For >250 To 500, Deduct	*-7.59*	
		For >500, Deduct	*-10.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0173	EA	6" LED Trim, Satin Nickel Micro-Step Baffle And Flange (Cooper Halo 693SNB)	69.35	18.34
		For >50 To 100, Deduct	*-2.42*	
		For >100 To 250, Deduct	*-4.16*	
		For >250 To 500, Deduct	*-6.94*	
		For >500, Deduct	*-9.71*	
26 51 19 00-0174	EA	6" LED Trim, Tuscan Bronze Micro-Step Baffle And Flange (Cooper Halo 693TBZB)	87.23	18.34
		For >50 To 100, Deduct	*-2.87*	
		For >100 To 250, Deduct	*-5.05*	
		For >250 To 500, Deduct	*-8.72*	
		For >500, Deduct	*-12.40*	
26 51 19 00-0175	EA	6" LED Directional Trim, White eyeball, Baffle And Flange (Cooper Halo 694WB)	94.76	18.34
		For >50 To 100, Deduct	*-3.06*	
		For >100 To 250, Deduct	*-5.43*	
		For >250 To 500, Deduct	*-9.48*	
		For >500, Deduct	*-13.53*	
26 51 19 00-0176	EA	6" LED Directional Trim, Satin Nickel eyeball, Baffle And Flange (Cooper Halo 694SNB)	119.83	18.34
		For >50 To 100, Deduct	*-3.68*	
		For >100 To 250, Deduct	*-6.68*	
		For >250 To 500, Deduct	*-11.98*	
		For >500, Deduct	*-17.29*	
26 51 19 00-0177	EA	6" LED Directional Trim, Tuscan Bronze eyeball, Baffle And Flange (Cooper Halo 694TBZB)	116.69	18.34
		For >50 To 100, Deduct	*-3.61*	
		For >100 To 250, Deduct	*-6.52*	
		For >250 To 500, Deduct	*-11.67*	
		For >500, Deduct	*-16.82*	
26 51 19 00-0178	EA	6" LED Trim, Wall Wash - Specular reflector, repositionable Specular kick reflector, White Flange (Cooper Halo 695WW)	118.07	18.34
		For >50 To 100, Deduct	*-3.64*	
		For >100 To 250, Deduct	*-6.59*	
		For >250 To 500, Deduct	*-11.81*	
		For >500, Deduct	*-17.02*	
26 51 19 00-0179	EA	6" LED Trim, White Shallow Baffle And Flange (Cooper Halo 696WB)	71.08	18.34
		For >50 To 100, Deduct	*-2.46*	
		For >100 To 250, Deduct	*-4.24*	
		For >250 To 500, Deduct	*-7.11*	
		For >500, Deduct	*-9.97*	
26 51 19 00-0180	EA	6" LED, Insulated Ceiling, Air-Tite, New Construction Housing (Cooper Halo H750ICAT)	65.67	39.29
		For >50 To 100, Deduct	*-3.12*	
		For >100 To 250, Deduct	*-4.76*	
		For >250 To 500, Deduct	*-6.57*	
		For >500, Deduct	*-8.38*	
26 51 19 00-0181	EA	6" LED, Insulated Ceiling, Air-Tite, Remodel Housing (Cooper Halo H750RICAT)	71.81	39.29
		For >50 To 100, Deduct	*-3.27*	
		For >100 To 250, Deduct	*-5.06*	
		For >250 To 500, Deduct	*-7.18*	
		For >500, Deduct	*-9.30*	
26 51 19 00-0182	EA	6" LED, Non-IC, Air-Tite, New Construction Housing (Cooper Halo H750T)	69.35	39.29
		For >50 To 100, Deduct	*-3.21*	
		For >100 To 250, Deduct	*-4.94*	
		For >250 To 500, Deduct	*-6.94*	
		For >500, Deduct	*-8.93*	
26 51 19 00-0183	EA	6" LED, Non-IC, New Construction/Remodel Chicago Plenum Housing (Cooper Halo H750TCP)	93.54	39.29
		For >50 To 100, Deduct	*-3.81*	
		For >100 To 250, Deduct	*-6.15*	
		For >250 To 500, Deduct	*-9.35*	
		For >500, Deduct	*-12.56*	
26 51 19 00-0184	EA	6" LED, Shallow, Insulated Ceiling, Air-Tite, New Constr. (Cooper Halo H2750ICAT)	90.70	39.29
		For >50 To 100, Deduct	*-3.74*	
		For >100 To 250, Deduct	*-6.01*	
		For >250 To 500, Deduct	*-9.07*	
		For >500, Deduct	*-12.13*	
26 51 19 00-0185	EA	6" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo H7ICAT)	72.64	39.29
		For >50 To 100, Deduct	*-3.29*	
		For >100 To 250, Deduct	*-5.11*	
		For >250 To 500, Deduct	*-7.26*	
		For >500, Deduct	*-9.42*	
26 51 19 00-0186	EA	6" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo H7RICAT)	76.78	39.29
		For >50 To 100, Deduct	*-3.39*	
		For >100 To 250, Deduct	*-5.31*	
		For >250 To 500, Deduct	*-7.68*	
		For >500, Deduct	*-10.04*	
26 51 19 00-0187	EA	6" Insulated Ceiling, New Construction Housing (Cooper Halo H7ICT)	71.78	39.29
		For >50 To 100, Deduct	*-3.27*	
		For >100 To 250, Deduct	*-5.06*	
		For >250 To 500, Deduct	*-7.18*	
		For >500, Deduct	*-9.29*	
26 51 19 00-0188	EA	6" Insulated Ceiling, Remodel Housing (Cooper Halo H7RICT)	76.31	39.29
		For >50 To 100, Deduct	*-3.38*	
		For >100 To 250, Deduct	*-5.29*	
		For >250 To 500, Deduct	*-7.63*	
		For >500, Deduct	*-9.97*	
26 51 19 00-0189	EA	6" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket (Cooper Halo H7ICATNB)	72.53	39.29
		For >50 To 100, Deduct	*-3.29*	
		For >100 To 250, Deduct	*-5.10*	
		For >250 To 500, Deduct	*-7.25*	
		For >500, Deduct	*-9.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0190	EA	6" Insulated Ceiling, New Construction Housing, No Socket Bracket (Cooper Halo H7ICTNB)	72.11	39.29
		For >50 To 100, Deduct	*-3.28*	
		For >100 To 250, Deduct	*-5.08*	
		For >250 To 500, Deduct	*-7.21*	
		For >500, Deduct	*-9.34*	
26 51 19 00-0191	EA	6" Non-IC, New Construction Housing (Cooper Halo H7T)	75.38	39.29
		For >50 To 100, Deduct	*-3.36*	
		For >100 To 250, Deduct	*-5.24*	
		For >250 To 500, Deduct	*-7.54*	
		For >500, Deduct	*-9.83*	
26 51 19 00-0192	EA	6" Non-IC, Remodel Housing (Cooper Halo H7RT)	77.15	39.29
		For >50 To 100, Deduct	*-3.40*	
		For >100 To 250, Deduct	*-5.33*	
		For >250 To 500, Deduct	*-7.72*	
		For >500, Deduct	*-10.10*	
26 51 19 00-0193	EA	6" Non-IC, New Construction Housing, No Socket Bracket (Cooper Halo H7TNB)	77.71	39.29
		For >50 To 100, Deduct	*-3.42*	
		For >100 To 250, Deduct	*-5.36*	
		For >250 To 500, Deduct	*-7.77*	
		For >500, Deduct	*-10.18*	
26 51 19 00-0194	EA	6" Non-IC, Chicago Plenum, New Construction/Remodel Housing (Cooper Halo H7TCP)	105.11	39.29
		For >50 To 100, Deduct	*-4.10*	
		For >100 To 250, Deduct	*-6.73*	
		For >250 To 500, Deduct	*-10.51*	
		For >500, Deduct	*-14.29*	
26 51 19 00-0195	EA	6" Insulated Ceiling, Universal New Construction Housing (Cooper Halo H7UICT)	98.23	39.29
		For >50 To 100, Deduct	*-3.93*	
		For >100 To 250, Deduct	*-6.38*	
		For >250 To 500, Deduct	*-9.82*	
		For >500, Deduct	*-13.26*	
26 51 19 00-0196	EA	6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing (Cooper Halo H7UICAT)	99.03	39.29
		For >50 To 100, Deduct	*-3.95*	
		For >100 To 250, Deduct	*-6.42*	
		For >250 To 500, Deduct	*-9.90*	
		For >500, Deduct	*-13.38*	
26 51 19 00-0197	EA	6" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo EI700AT)	103.63	39.29
		For >50 To 100, Deduct	*-4.06*	
		For >100 To 250, Deduct	*-6.65*	
		For >250 To 500, Deduct	*-10.36*	
		For >500, Deduct	*-14.07*	
26 51 19 00-0198	EA	6" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo EI700RAT)	103.63	39.29
		For >50 To 100, Deduct	*-4.06*	
		For >100 To 250, Deduct	*-6.65*	
		For >250 To 500, Deduct	*-10.36*	
		For >500, Deduct	*-14.07*	
26 51 19 00-0199	EA	6" Insulated Ceiling, New Construction Housing (Cooper Halo EI700)	103.63	39.29
		For >50 To 100, Deduct	*-4.06*	
		For >100 To 250, Deduct	*-6.65*	
		For >250 To 500, Deduct	*-10.36*	
		For >500, Deduct	*-14.07*	
26 51 19 00-0200	EA	6" Insulated Ceiling, Remodel Housing (Cooper Halo EI700R)	103.63	39.29
		For >50 To 100, Deduct	*-4.06*	
		For >100 To 250, Deduct	*-6.65*	
		For >250 To 500, Deduct	*-10.36*	
		For >500, Deduct	*-14.07*	
26 51 19 00-0201	EA	6" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket (Cooper Halo EI700ATNB)	103.63	39.29
		For >50 To 100, Deduct	*-4.06*	
		For >100 To 250, Deduct	*-6.65*	
		For >250 To 500, Deduct	*-10.36*	
		For >500, Deduct	*-14.07*	
26 51 19 00-0202	EA	6" Insulated Ceiling, New Construction Housing, No Socket Bracket (Cooper Halo EI700NB)	91.60	39.29
		For >50 To 100, Deduct	*-3.76*	
		For >100 To 250, Deduct	*-6.05*	
		For >250 To 500, Deduct	*-9.16*	
		For >500, Deduct	*-12.27*	
26 51 19 00-0203	EA	6" Insulated Ceiling, Universal New Construction Housing (Cooper Halo EI700U)	91.60	39.29
		For >50 To 100, Deduct	*-3.76*	
		For >100 To 250, Deduct	*-6.05*	
		For >250 To 500, Deduct	*-9.16*	
		For >500, Deduct	*-12.27*	
26 51 19 00-0204	EA	6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing (Cooper Halo EI700UAT)	91.60	39.29
		For >50 To 100, Deduct	*-3.76*	
		For >100 To 250, Deduct	*-6.05*	
		For >250 To 500, Deduct	*-9.16*	
		For >500, Deduct	*-12.27*	
26 51 19 00-0205	EA	6" Non-IC, New Construction Housing (Cooper Halo ET700)	91.60	39.29
		For >50 To 100, Deduct	*-3.76*	
		For >100 To 250, Deduct	*-6.05*	
		For >250 To 500, Deduct	*-9.16*	
		For >500, Deduct	*-12.27*	
26 51 19 00-0206	EA	6" Non-IC, Remodel Housing (Cooper Halo ET700R)	91.60	39.29
		For >50 To 100, Deduct	*-3.76*	
		For >100 To 250, Deduct	*-6.05*	
		For >250 To 500, Deduct	*-9.16*	
		For >500, Deduct	*-12.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0207	EA	6" Shallow, Insulated Ceiling, Air-Tite New Construction (Cooper Halo H27ICAT)	92.48	39.29
		For >50 To 100, Deduct	*-3.79*	
		For >100 To 250, Deduct	*-6.10*	
		For >250 To 500, Deduct	*-9.25*	
		For >500, Deduct	*-12.40*	
26 51 19 00-0208	EA	6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo H27RICAT)	105.99	39.29
		For >50 To 100, Deduct	*-4.12*	
		For >100 To 250, Deduct	*-6.77*	
		For >250 To 500, Deduct	*-10.60*	
		For >500, Deduct	*-14.43*	
26 51 19 00-0209	EA	6" Shallow, Insulated Ceiling, New Construction Housing (Cooper Halo H27ICT)	92.48	39.29
		For >50 To 100, Deduct	*-3.79*	
		For >100 To 250, Deduct	*-6.10*	
		For >250 To 500, Deduct	*-9.25*	
		For >500, Deduct	*-12.40*	
26 51 19 00-0210	EA	6" Shallow, Insulated Ceiling, Remodel Housing (Cooper Halo H27RICT)	102.17	39.29
		For >50 To 100, Deduct	*-4.03*	
		For >100 To 250, Deduct	*-6.58*	
		For >250 To 500, Deduct	*-10.22*	
		For >500, Deduct	*-13.85*	
26 51 19 00-0211	EA	6" Shallow, Non-IC, New Construction Housing (Cooper Halo H27T)	87.00	39.29
		For >50 To 100, Deduct	*-3.65*	
		For >100 To 250, Deduct	*-5.82*	
		For >250 To 500, Deduct	*-8.70*	
		For >500, Deduct	*-11.58*	
26 51 19 00-0212	EA	6" Shallow, Non-IC, Remodel Housing (Cooper Halo H27RT)	88.34	39.29
		For >50 To 100, Deduct	*-3.68*	
		For >100 To 250, Deduct	*-5.89*	
		For >250 To 500, Deduct	*-8.83*	
		For >500, Deduct	*-11.78*	
26 51 19 00-0213	EA	6" Shallow, Insulated Ceiling, Air-Tite New Construction (Cooper Halo EI2700AT)	97.78	39.29
		For >50 To 100, Deduct	*-3.92*	
		For >100 To 250, Deduct	*-6.36*	
		For >250 To 500, Deduct	*-9.78*	
		For >500, Deduct	*-13.19*	
26 51 19 00-0214	EA	6" Shallow, Insulated Ceiling, New Construction Housing (Cooper Halo EI2700)	97.78	39.29
		For >50 To 100, Deduct	*-3.92*	
		For >100 To 250, Deduct	*-6.36*	
		For >250 To 500, Deduct	*-9.78*	
		For >500, Deduct	*-13.19*	
26 51 19 00-0215	EA	6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo EI2700R)	97.78	39.29
		For >50 To 100, Deduct	*-3.92*	
		For >100 To 250, Deduct	*-6.36*	
		For >250 To 500, Deduct	*-9.78*	
		For >500, Deduct	*-13.19*	
26 51 19 00-0216	EA	6" Shallow, Non-IC, New Construction Housing (Cooper Halo ET2700)	97.78	39.29
		For >50 To 100, Deduct	*-3.92*	
		For >100 To 250, Deduct	*-6.36*	
		For >250 To 500, Deduct	*-9.78*	
		For >500, Deduct	*-13.19*	
26 51 19 00-0217	EA	6" Shallow, Non-IC, Remodel Housing (Cooper Halo ET2700R)	97.78	39.29
		For >50 To 100, Deduct	*-3.92*	
		For >100 To 250, Deduct	*-6.36*	
		For >250 To 500, Deduct	*-9.78*	
		For >500, Deduct	*-13.19*	
26 51 19 00-0218	EA	6" Retrofit Enclosure, Non-IC, BX Whip (Cooper Halo ML7BXRFK)	81.05	18.34
		For >50 To 100, Deduct	*-2.71*	
		For >100 To 250, Deduct	*-4.74*	
		For >250 To 500, Deduct	*-8.11*	
		For >500, Deduct	*-11.47*	
26 51 19 00-0219	EA	6" Retrofit Enclosure, Non-IC, E26 Screw base Interface (Cooper Halo ML7E26RFK)	83.79	18.34
		For >50 To 100, Deduct	*-2.78*	
		For >100 To 250, Deduct	*-4.88*	
		For >250 To 500, Deduct	*-8.38*	
		For >500, Deduct	*-11.88*	
26 51 19 00-0220	EA	5" LED, Insulated Ceiling, Air-Tite, New Construction Housing (Cooper Halo H550ICAT)	81.03	39.29
		For >50 To 100, Deduct	*-3.50*	
		For >100 To 250, Deduct	*-5.52*	
		For >250 To 500, Deduct	*-8.10*	
		For >500, Deduct	*-10.68*	
26 51 19 00-0221	EA	5" LED, Insulated Ceiling, Air-Tite, Remodel Housing (Cooper Halo H550RICAT)	81.36	39.29
		For >50 To 100, Deduct	*-3.51*	
		For >100 To 250, Deduct	*-5.54*	
		For >250 To 500, Deduct	*-8.14*	
		For >500, Deduct	*-10.73*	
26 51 19 00-0222	EA	5" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo H5ICAT)	75.66	39.29
		For >50 To 100, Deduct	*-3.36*	
		For >100 To 250, Deduct	*-5.26*	
		For >250 To 500, Deduct	*-7.57*	
		For >500, Deduct	*-9.88*	
26 51 19 00-0223	EA	5" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo H5RICAT)	78.46	39.29
		For >50 To 100, Deduct	*-3.43*	
		For >100 To 250, Deduct	*-5.40*	
		For >250 To 500, Deduct	*-7.85*	
		For >500, Deduct	*-10.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0224	EA	5" Non-IC, New Construction Housing (Cooper Halo H5T)	77.55	39.29
		For >50 To 100, Deduct	*-3.41*	
		For >100 To 250, Deduct	*-5.35*	
		For >250 To 500, Deduct	*-7.76*	
		For >500, Deduct	*-10.16*	
26 51 19 00-0225	EA	5" Non-IC, Remodel Housing (Cooper Halo H5RT)	78.40	39.29
		For >50 To 100, Deduct	*-3.43*	
		For >100 To 250, Deduct	*-5.39*	
		For >250 To 500, Deduct	*-7.84*	
		For >500, Deduct	*-10.29*	
26 51 19 00-0226	EA	5" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo EI500AT)	90.41	39.29
		For >50 To 100, Deduct	*-3.73*	
		For >100 To 250, Deduct	*-5.99*	
		For >250 To 500, Deduct	*-9.04*	
		For >500, Deduct	*-12.09*	
26 51 19 00-0227	EA	5" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo EI500RAT)	91.05	39.29
		For >50 To 100, Deduct	*-3.75*	
		For >100 To 250, Deduct	*-6.03*	
		For >250 To 500, Deduct	*-9.11*	
		For >500, Deduct	*-12.18*	
26 51 19 00-0228	EA	5" Non-IC, New Construction Housing (Cooper Halo ET500)	94.28	39.29
		For >50 To 100, Deduct	*-3.83*	
		For >100 To 250, Deduct	*-6.19*	
		For >250 To 500, Deduct	*-9.43*	
		For >500, Deduct	*-12.67*	
26 51 19 00-0229	EA	5" Non-IC, Remodel Housing (Cooper Halo ET500R)	96.54	39.29
		For >50 To 100, Deduct	*-3.89*	
		For >100 To 250, Deduct	*-6.30*	
		For >250 To 500, Deduct	*-9.65*	
		For >500, Deduct	*-13.01*	
26 51 19 00-0230	EA	5" Shallow, Insulated Ceiling, Air-Tite New Construction (Cooper Halo H25ICAT)	106.48	39.29
		For >50 To 100, Deduct	*-4.14*	
		For >100 To 250, Deduct	*-6.80*	
		For >250 To 500, Deduct	*-10.65*	
		For >500, Deduct	*-14.50*	

26 51 19 00-0231 Recessed LED Downlights (Maxlite DLR) *(26 51 19 00-0122)*

26 51 19 00-0232	EA	4" Diameter, 1,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR410)	187.45	57.62
		For >50 To 100, Deduct	*-6.85*	
		For >100 To 250, Deduct	*-11.53*	
		For >250 To 500, Deduct	*-18.75*	
		For >500, Deduct	*-25.96*	
26 51 19 00-0233	EA	4" Diameter, 1,500 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR415)	190.03	57.62
		For >50 To 100, Deduct	*-6.91*	
		For >100 To 250, Deduct	*-11.66*	
		For >250 To 500, Deduct	*-19.00*	
		For >500, Deduct	*-26.34*	
26 51 19 00-0234	EA	4" Diameter, 2,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR420)	197.81	57.62
		For >50 To 100, Deduct	*-7.11*	
		For >100 To 250, Deduct	*-12.05*	
		For >250 To 500, Deduct	*-19.78*	
		For >500, Deduct	*-27.51*	
26 51 19 00-0235	EA	6" Diameter, 1,500 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR615)	182.25	57.62
		For >50 To 100, Deduct	*-6.72*	
		For >100 To 250, Deduct	*-11.27*	
		For >250 To 500, Deduct	*-18.23*	
		For >500, Deduct	*-25.18*	
26 51 19 00-0236	EA	6" Diameter, 2,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR620)	182.25	57.62
		For >50 To 100, Deduct	*-6.72*	
		For >100 To 250, Deduct	*-11.27*	
		For >250 To 500, Deduct	*-18.23*	
		For >500, Deduct	*-25.18*	
26 51 19 00-0237	EA	6" Diameter, 3,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR630)	182.25	57.62
		For >50 To 100, Deduct	*-6.72*	
		For >100 To 250, Deduct	*-11.27*	
		For >250 To 500, Deduct	*-18.23*	
		For >500, Deduct	*-25.18*	
26 51 19 00-0238	EA	8" Diameter, 1,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR810)	197.81	57.62
		For >50 To 100, Deduct	*-7.11*	
		For >100 To 250, Deduct	*-12.05*	
		For >250 To 500, Deduct	*-19.78*	
		For >500, Deduct	*-27.51*	
26 51 19 00-0239	EA	8" Diameter, 1,500 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR815)	200.40	57.62
		For >50 To 100, Deduct	*-7.17*	
		For >100 To 250, Deduct	*-12.18*	
		For >250 To 500, Deduct	*-20.04*	
		For >500, Deduct	*-27.90*	
26 51 19 00-0240	EA	8" Diameter, 2,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR820)	205.57	57.62
		For >50 To 100, Deduct	*-7.30*	
		For >100 To 250, Deduct	*-12.44*	
		For >250 To 500, Deduct	*-20.56*	
		For >500, Deduct	*-28.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0241	EA	8" Diameter, 3,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR830)	221.10	57.62
		For >50 To 100, Deduct	*-7.69*	
		For >100 To 250, Deduct	*-13.22*	
		For >250 To 500, Deduct	*-22.11*	
		For >500, Deduct	*-31.00*	
26 51 19 00-0242	EA	8" Diameter, 5,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR850)	241.83	57.62
		For >50 To 100, Deduct	*-8.21*	
		For >100 To 250, Deduct	*-14.25*	
		For >250 To 500, Deduct	*-24.18*	
		For >500, Deduct	*-34.11*	

26 51 19 00-0243 Recessed LED Downlight Retrofits And Trim (CREE®) *(26 51 19 00-0121)*

26 51 19 00-0244 Recessed LED Downlight Retrofits (CREE®) *(26 51 19 00-0243)*

Note: Dimmable to 5%. For installation in standard recessed IC or non-IC housings. Includes removal of existing lamp from fixture. Excludes housing and disposal of hazardous lamps.

26 51 19 00-0245	EA	4" Diameter, 575 Lumens, Recessed LED Downlight Retrofit (Cree® CR4-575L)	101.11	
		For >50 To 100, Deduct	*-3.35*	
		For >100 To 250, Deduct	*-5.87*	
		For >250 To 500, Deduct	*-10.11*	
		For >500, Deduct	*-14.35*	
26 51 19 00-0246	EA	6" Diameter, 625 Lumens, Recessed LED Downlight Retrofit (Cree® CR6-625L)	90.02	
		For >50 To 100, Deduct	*-3.07*	
		For >100 To 250, Deduct	*-5.32*	
		For >250 To 500, Deduct	*-9.00*	
		For >500, Deduct	*-12.68*	
26 51 19 00-0247	EA	6" Diameter, 800 Lumens, Recessed LED Downlight Retrofit (Cree® CR6-800L)	112.20	
		For >50 To 100, Deduct	*-3.62*	
		For >100 To 250, Deduct	*-6.43*	
		For >250 To 500, Deduct	*-11.22*	
		For >500, Deduct	*-16.01*	
26 51 19 00-0248	EA	6" Diameter, 650 Lumens, Recessed LED Downlight Retrofit (Cree® LR6C-277)	125.12	
		For >50 To 100, Deduct	*-3.95*	
		For >100 To 250, Deduct	*-7.07*	
		For >250 To 500, Deduct	*-12.51*	
		For >500, Deduct	*-17.95*	
26 51 19 00-0249	EA	6" Diameter, 1,000 Lumens, Deep Recessed LED Downlight Retrofit (Cree® LR6-10L-XXX-120V-A-DR)	136.21	
		For >50 To 100, Deduct	*-4.22*	
		For >100 To 250, Deduct	*-7.63*	
		For >250 To 500, Deduct	*-13.62*	
		For >500, Deduct	*-19.61*	

26 51 19 00-0250 Recessed LED Downlight Retrofits Trim (CREE®) *(26 51 19 00-0243)*

Note: For installation in standard recessed IC or non-IC housings. Excludes housing and lamp.

26 51 19 00-0251	EA	6" Diameter, Diffuse Anodized Finish Reflector For LED Downlight Retrofits (Cree® CT6AX)	38.11	9.17
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 250, Deduct	*-2.40*	
		For >250 To 500, Deduct	*-3.81*	
		For >500, Deduct	*-5.23*	
26 51 19 00-0252	EA	6" Diameter, Diffuse Anodized Finish Reflector With Painted Flange For LED Downlight Retrofits (Cree® LT6AP)	45.51	9.17
		For >50 To 100, Deduct	*-1.63*	
		For >100 To 250, Deduct	*-2.77*	
		For >250 To 500, Deduct	*-4.55*	
		For >500, Deduct	*-6.34*	
26 51 19 00-0253	EA	6" Diameter, Flat Black Finish Trim And Reflector For LED Downlight Retrofits (Cree® CT6BB)	39.96	9.17
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 250, Deduct	*-2.49*	
		For >250 To 500, Deduct	*-4.00*	
		For >500, Deduct	*-5.50*	

26 51 19 00-0254 Recessed LED Downlight Fixture Housings (CREE®) *(26 51 19 00-0243)*

Note: Excludes lamp and trim.

26 51 19 00-0255	EA	6" Diameter, IC Rated, Architectural Recessed LED Downlight Fixture Housing (Cree® H6)	103.28	39.29
		For >50 To 100, Deduct	*-4.06*	
		For >100 To 250, Deduct	*-6.64*	
		For >250 To 500, Deduct	*-10.33*	
		For >500, Deduct	*-14.02*	
26 51 19 00-0256	EA	6" Diameter, IC Rated, Retrofit Recessed LED Downlight Fixture Housing (Cree® RR6)	77.40	39.29
		For >50 To 100, Deduct	*-3.41*	
		For >100 To 250, Deduct	*-5.34*	
		For >250 To 500, Deduct	*-7.74*	
		For >500, Deduct	*-10.14*	

26 51 19 00-0257 Can Retrofit Or Surface Mount, LED Downlights *(26 51 19 00-0121)*

26 51 19 00-0258	EA	6" Diameter, 15 Watt, Can Retrofit Or Surface Mount, LED Downlight (Lighting Science® GLP6)	109.28	35.89
		For >50 To 100, Deduct	*-4.08*	
		For >100 To 250, Deduct	*-6.81*	
		For >250 To 500, Deduct	*-10.93*	
		For >500, Deduct	*-15.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0259	EA	4" Diameter, 7 Watt, Can Retrofit, LED Downlight (Green Creative0 1-811-D)	87.74	35.89
		For >50 To 100, Deduct	*-3.54*	
		For >100 To 250, Deduct	*-5.73*	
		For >250 To 500, Deduct	*-8.77*	
		For >500, Deduct	*-11.81*	
26 51 19 00-0260	EA	6" Diameter, 9.5 Watt, Can Retrofit, LED Downlight (Green Creative0 1-808-D)	87.74	35.89
		For >50 To 100, Deduct	*-3.54*	
		For >100 To 250, Deduct	*-5.73*	
		For >250 To 500, Deduct	*-8.77*	
		For >500, Deduct	*-11.81*	
26 51 19 00-0261	EA	6" Diameter, 8.9 Watt, Can Retrofit, LED Downlight (Lithonia 6BP)	146.31	35.89
		For Recessed IC/Non-IC Rated Housing For New Construction, Add	*53.34*	
		For >50 To 100, Deduct	*-5.00*	
		For >100 To 250, Deduct	*-8.66*	
		For >250 To 500, Deduct	*-14.63*	
		For >500, Deduct	*-20.60*	
26 51 19 00-0262	EA	4" Diameter, 8 Watt, 600 Lumens, Retrofit LED Downlight (Sylvania LED/RT4/550/840)	73.31	35.89
		For >50 To 100, Deduct	*-3.18*	
		For >100 To 250, Deduct	*-5.01*	
		For >250 To 500, Deduct	*-7.33*	
		For >500, Deduct	*-9.65*	
26 51 19 00-0263	EA	5" Diameter, 10 Watt, 700 Lumens, Retrofit LED Downlight (Sylvania LED/RT5/6/625/840)	81.12	35.89
		For >50 To 100, Deduct	*-3.37*	
		For >100 To 250, Deduct	*-5.40*	
		For >250 To 500, Deduct	*-8.11*	
		For >500, Deduct	*-10.82*	
26 51 19 00-0264	EA	6" Diameter, 800 Lumens, 10 Watt, Retrofit LED Wallwash Downlight (Indy Lighting LRT6-08LM)	970.45	35.89
		For >50 To 100, Deduct	*-25.61*	
		For >100 To 250, Deduct	*-49.87*	
		For >250 To 500, Deduct	*-97.05*	
		For >500, Deduct	*-144.22*	
26 51 19 00-0265		**Wall Mount LED Cylinder Downlight** *(26 51 19 00-0001)*		
26 51 19 00-0266	EA	9" Diameter, 2,200 Lumens, Wall Mount LED Cylinder Downlight With Semi-Specular Trim (Gotham® EVO® CLED9)	416.69	55.76
		For >50 To 100, Deduct	*-12.51*	
		For >100 To 250, Deduct	*-22.93*	
		For >250 To 500, Deduct	*-41.67*	
		For >500, Deduct	*-60.41*	
26 51 19 00-0267	EA	10-3/4" x 6-1/4" x 5-1/2", LED Wall Pack, 27 Watt, 120 Volt	229.01	55.76
		For >50 To 100, Deduct	*-7.82*	
		For >100 To 250, Deduct	*-13.54*	
		For >250 To 500, Deduct	*-22.90*	
		For >500, Deduct	*-32.26*	
26 51 19 00-0268		**Wall Sconce And Wall Wash LED Fixtures** *(26 51 19 00-0001)*		
26 51 19 00-0269		**LED Wall Sconce Fixtures (Hudson Valley Lighting)** *(26 51 19 00-0268)*		
26 51 19 00-0270	EA	2-1/2" Diameter x 15-1/2" High, Polished Nickel, LED Wall Sconce (Hudson Valley Lighting SHAW 1200-PN)	557.38	52.39
		For >50 To 100, Deduct	*-15.90*	
		For >100 To 250, Deduct	*-29.83*	
		For >250 To 500, Deduct	*-55.74*	
		For >500, Deduct	*-81.64*	
26 51 19 00-0271		**LED Wall Sconce Fixtures (Kichler)** *(26 51 19 00-0268)*		
26 51 19 00-0272	EA	6" High x 11.75" Wide x 3.5" Deep, 900 Lumens, 15 Watt, White Acrylic Diffuser, Brushed Nickel, LED Wall Sconce (Kichler 10790NILED)	310.42	52.39
		For >50 To 100, Deduct	*-9.73*	
		For >100 To 250, Deduct	*-17.49*	
		For >250 To 500, Deduct	*-31.04*	
		For >500, Deduct	*-44.60*	
26 51 19 00-0273		**LED Wall Sconce Fixtures (Metalux)** *(26 51 19 00-0268)*		
26 51 19 00-0274	EA	9.875" High x 7.125" Wide x 3.5" Deep, 9 Watt, White Acrylic Diffuser, Brushed Nickel, LED Wall Sconce (Metalux AFX VNTS071009L30ENBN)	152.55	52.39
		For >50 To 100, Deduct	*-5.78*	
		For >100 To 250, Deduct	*-9.59*	
		For >250 To 500, Deduct	*-15.26*	
		For >500, Deduct	*-20.92*	
26 51 19 00-0275	EA	5" LED, Cape Sconce Wall Light, White (AFX CAPW050804L30ENWH)	134.34	52.39
		For >50 To 100, Deduct	*-5.32*	
		For >100 To 250, Deduct	*-8.68*	
		For >250 To 500, Deduct	*-13.43*	
		For >500, Deduct	*-18.19*	
26 51 19 00-0276		**Concealed Continuous LED Fixtures** *(26 51 19 00-0001)*		
26 51 19 00-0277		**Concealed Continuous LED Fixtures (Fraqtir™ S301)** *(26 51 19 00-0276)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0278	LF	Fixed Surface Mount, Concealed Continuous LED Fixture With Remote Driver (Fraqtir™ S301)	758.63	5.98
		For >50 To 100, Deduct	*-19.27*	
		For >100 To 250, Deduct	*-38.23*	
		For >250 To 500, Deduct	*-75.86*	
		For >500, Deduct	*-113.50*	
26 51 19 00-0279	LF	Fixed Surface Mount, Concealed Continuous LED Fixture With Remote Dimming Driver (Fraqtir™ S301)	864.95	5.98
		For >50 To 100, Deduct	*-21.92*	
		For >100 To 250, Deduct	*-43.55*	
		For >250 To 500, Deduct	*-86.50*	
		For >500, Deduct	*-129.44*	

26 51 19 00-0280 Low Bay LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0281 LED Linear Low Bay Fixtures (PlanLED) *(26 51 19 00-0280)*

26 51 19 00-0282	EA	4' Length, 23 Watt, LED Linear Low Bay Fixture (PlanLED A1W4)	388.77	71.79
		For >50 To 100, Deduct	*-12.71*	
		For >100 To 250, Deduct	*-22.43*	
		For >250 To 500, Deduct	*-38.88*	
		For >500, Deduct	*-55.32*	
26 51 19 00-0283	EA	4' Length, 42 Watt, LED Linear Low Bay Fixture (PlanLED A2W4A)	527.82	71.79
		For >50 To 100, Deduct	*-16.19*	
		For >100 To 250, Deduct	*-29.38*	
		For >250 To 500, Deduct	*-52.78*	
		For >500, Deduct	*-76.18*	
26 51 19 00-0284	EA	8' Length, 84 Watt, LED Linear Low Bay Fixture (PlanLED A2W5A)	878.44	89.74
		For >50 To 100, Deduct	*-25.70*	
		For >100 To 250, Deduct	*-47.66*	
		For >250 To 500, Deduct	*-87.84*	
		For >500, Deduct	*-128.03*	

26 51 19 00-0285 LED Low Bay Fixtures (CREE®) *(26 51 19 00-0280)*

26 51 19 00-0286 LED Low Bay Fixtures (CREE® LS) *(26 51 19 00-0285)*

Note: Includes 120/277 voltage and 22 gauge steel housing assembly. Excludes sensors.

26 51 19 00-0287	EA	2,500 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-25L-35K-10V)	303.41	71.79
		For >50 To 100, Deduct	*-10.58*	
		For >100 To 250, Deduct	*-18.16*	
		For >250 To 500, Deduct	*-30.34*	
		For >500, Deduct	*-42.52*	
26 51 19 00-0288	EA	2,500 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-25L-50K-10V)	322.26	71.79
		For >50 To 100, Deduct	*-11.05*	
		For >100 To 250, Deduct	*-19.10*	
		For >250 To 500, Deduct	*-32.23*	
		For >500, Deduct	*-45.35*	
26 51 19 00-0289	EA	4,000 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-40L-35K-10V)	311.26	71.79
		For >50 To 100, Deduct	*-10.77*	
		For >100 To 250, Deduct	*-18.55*	
		For >250 To 500, Deduct	*-31.13*	
		For >500, Deduct	*-43.70*	
26 51 19 00-0290	EA	4,000 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-40L-50K-10V)	330.11	71.79
		For >50 To 100, Deduct	*-11.24*	
		For >100 To 250, Deduct	*-19.50*	
		For >250 To 500, Deduct	*-33.01*	
		For >500, Deduct	*-46.53*	
26 51 19 00-0291	EA	5,000 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-50L-35K-10V)	344.24	71.79
		For >50 To 100, Deduct	*-11.60*	
		For >100 To 250, Deduct	*-20.20*	
		For >250 To 500, Deduct	*-34.42*	
		For >500, Deduct	*-48.64*	
26 51 19 00-0292	EA	5,000 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-50L-50K-10V)	363.09	71.79
		For >50 To 100, Deduct	*-12.07*	
		For >100 To 250, Deduct	*-21.15*	
		For >250 To 500, Deduct	*-36.31*	
		For >500, Deduct	*-51.47*	
26 51 19 00-0293	EA	8,000 Lumens, 8' Length, LED Low Bay Fixture (Cree® LS8-80L-35K-10V)	479.38	89.74
		For >50 To 100, Deduct	*-15.72*	
		For >100 To 250, Deduct	*-27.71*	
		For >250 To 500, Deduct	*-47.94*	
		For >500, Deduct	*-68.17*	
26 51 19 00-0294	EA	8,000 Lumens, 8' Length, LED Low Bay Fixture (Cree® LS8-80L-50K-10V)	513.94	89.74
		For >50 To 100, Deduct	*-16.59*	
		For >100 To 250, Deduct	*-29.44*	
		For >250 To 500, Deduct	*-51.39*	
		For >500, Deduct	*-73.35*	
26 51 19 00-0295	EA	10,000 Lumens, 8' Length, LED Low Bay Fixture (Cree® LS8-100L-35K-10V)	586.18	89.74
		For >50 To 100, Deduct	*-18.39*	
		For >100 To 250, Deduct	*-33.05*	
		For >250 To 500, Deduct	*-58.62*	
		For >500, Deduct	*-84.19*	
26 51 19 00-0296	EA	10,000 Lumens, 8' Length, LED Low Bay Fixture (Cree® LS8-100L-50K-10V)	605.03	89.74
		For >50 To 100, Deduct	*-18.86*	
		For >100 To 250, Deduct	*-33.99*	
		For >250 To 500, Deduct	*-60.50*	
		For >500, Deduct	*-87.02*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0297		**LED Low Bay Fixtures (CREE® LN)** *(26 51 19 00-0285)* Note: Includes 120/277 voltage and aluminum housing assembly. Excludes sensors.		
26 51 19 00-0298	EA	3,400 Lumens, 4' Length, LED Low Bay Fixture (Cree® LN4-34L-35K-10V)	652.08	71.79
		For >50 To 100, Deduct	*-19.29*	
		For >100 To 250, Deduct	*-35.60*	
		For >250 To 500, Deduct	*-65.21*	
		For >500, Deduct	*-94.82*	
26 51 19 00-0299	EA	3,400 Lumens, 4' Length, LED Low Bay Fixture, Smartcast Technology (Cree® LN4-34L-35K-CMA)	730.61	71.79
		For >50 To 100, Deduct	*-21.26*	
		For >100 To 250, Deduct	*-39.52*	
		For >250 To 500, Deduct	*-73.06*	
		For >500, Deduct	*-106.60*	
26 51 19 00-0300		**LED Linear Low Bay Fixtures (CREE® CS)** *(26 51 19 00-0285)* Note: Includes 3,500 or 4,000K color temperature, 120/277 voltage and lightweight polymer housing assembly. Excludes sensors.		
26 51 19 00-0301	EA	4,000 Lumens, 4' Length, LED Linear Low Bay Fixture (Cree® CS14™)	637.26	71.79
		For >50 To 100, Deduct	*-18.92*	
		For >100 To 250, Deduct	*-34.85*	
		For >250 To 500, Deduct	*-63.73*	
		For >500, Deduct	*-92.60*	
26 51 19 00-0302	EA	7,500 Lumens, 8' Length, LED Linear Low Bay Fixture (Cree® CS18™)	790.97	89.74
		For >50 To 100, Deduct	*-23.51*	
		For >100 To 250, Deduct	*-43.29*	
		For >250 To 500, Deduct	*-79.10*	
		For >500, Deduct	*-114.91*	
26 51 19 00-0303	EA	8,000 Lumens, 8' Length, LED Linear Low Bay Fixture (Cree® CS18™)	996.07	89.74
		For >50 To 100, Deduct	*-28.64*	
		For >100 To 250, Deduct	*-53.54*	
		For >250 To 500, Deduct	*-99.61*	
		For >500, Deduct	*-145.67*	
26 51 19 00-0304		**Accessories For LED Low Bay Fixtures (CREE®)** *(26 51 19 00-0285)*		
26 51 19 00-0305	EA	Continuous Row Through Wiring Kit For 4' Fixtures (Cree® LS4TWK)	60.51	19.67
		For >50 To 100, Deduct	*-2.33*	
		For >100 To 250, Deduct	*-3.85*	
		For >250 To 500, Deduct	*-6.05*	
		For >500, Deduct	*-8.26*	
26 51 19 00-0306	EA	Continuous Row Through Wiring Kit For 8' Fixtures (Cree® LS8TWK)	66.06	19.67
		For >50 To 100, Deduct	*-2.47*	
		For >100 To 250, Deduct	*-4.12*	
		For >250 To 500, Deduct	*-6.61*	
		For >500, Deduct	*-9.09*	
26 51 19 00-0307	EA	Top Housing Aligner For Continuous Row Installations (Cree® LS-RJ)	51.26	19.67
		For >50 To 100, Deduct	*-2.10*	
		For >100 To 250, Deduct	*-3.38*	
		For >250 To 500, Deduct	*-5.13*	
		For >500, Deduct	*-6.87*	
26 51 19 00-0308	EA	Reflector Joint Aligner For Continuous Row Installations (Cree® LS-RFLJ)	42.03	19.67
		For >50 To 100, Deduct	*-1.87*	
		For >100 To 250, Deduct	*-2.92*	
		For >250 To 500, Deduct	*-4.20*	
		For >500, Deduct	*-5.48*	
26 51 19 00-0309	EA	Solid Reflector, Pair (Cree® LS4-SR)	125.17	19.67
		For >50 To 100, Deduct	*-3.95*	
		For >100 To 250, Deduct	*-7.08*	
		For >250 To 500, Deduct	*-12.52*	
		For >500, Deduct	*-17.96*	
26 51 19 00-0310	EA	Solid Reflector, Pair (Cree® LS8-SR)	171.38	19.67
		For >50 To 100, Deduct	*-5.10*	
		For >100 To 250, Deduct	*-9.39*	
		For >250 To 500, Deduct	*-17.14*	
		For >500, Deduct	*-24.89*	
26 51 19 00-0311	EA	5" Cable Canopy With #18/2 SJT Cord, 48" (Cree® AC5-18/2-48-Q14B-JB)	66.06	19.67
		For >50 To 100, Deduct	*-2.47*	
		For >100 To 250, Deduct	*-4.12*	
		For >250 To 500, Deduct	*-6.61*	
		For >500, Deduct	*-9.09*	
26 51 19 00-0312	EA	5" Cable Canopy With #18/2 SJT Cord, 72" (Cree® AC5-18/2-72-Q14B-JB)	91.92	19.67
		For >50 To 100, Deduct	*-3.12*	
		For >100 To 250, Deduct	*-5.42*	
		For >250 To 500, Deduct	*-9.19*	
		For >500, Deduct	*-12.97*	
26 51 19 00-0313	EA	5" Cable Canopy With #18/5 SJT Cord, 48" (Cree® AC5-18/5-48-Q14B-JB)	73.44	19.67
		For >50 To 100, Deduct	*-2.66*	
		For >100 To 250, Deduct	*-4.49*	
		For >250 To 500, Deduct	*-7.34*	
		For >500, Deduct	*-10.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0314	EA	5" Cable Canopy With #18/5 SJT Cord, 72" (Cree® AC5-18/5-72-Q14B-JB)	97.47	19.67
		For >50 To 100, Deduct	*-3.26*	
		For >100 To 250, Deduct	*-5.69*	
		For >250 To 500, Deduct	*-9.75*	
		For >500, Deduct	*-13.80*	
26 51 19 00-0315	EA	5" Cable Canopy With #18/5 SJT Cord, 96" (Cree® AC5-18/5-96-Q14B-JB)	103.01	19.67
		For >50 To 100, Deduct	*-3.40*	
		For >100 To 250, Deduct	*-5.97*	
		For >250 To 500, Deduct	*-10.30*	
		For >500, Deduct	*-14.63*	
26 51 19 00-0316	EA	5" Cable Canopy With #12/3 SJT Cord, 48" (Cree® AC5-12/3-48-Q14B-JB)	88.22	19.67
		For >50 To 100, Deduct	*-3.03*	
		For >100 To 250, Deduct	*-5.23*	
		For >250 To 500, Deduct	*-8.82*	
		For >500, Deduct	*-12.41*	
26 51 19 00-0317	EA	5" Cable Canopy With #12/3 SJT Cord, 72" (Cree® AC5-12/3-72-Q14B-JB)	130.72	19.67
		For >50 To 100, Deduct	*-4.09*	
		For >100 To 250, Deduct	*-7.36*	
		For >250 To 500, Deduct	*-13.07*	
		For >500, Deduct	*-18.79*	
26 51 19 00-0318	EA	Set Of End Caps, One With Power Feed, One Without (Cree® LN-EC)	69.75	19.67
		For >50 To 100, Deduct	*-2.56*	
		For >100 To 250, Deduct	*-4.31*	
		For >250 To 500, Deduct	*-6.98*	
		For >500, Deduct	*-9.64*	
26 51 19 00-0319	EA	Canopy Kit With Aircraft Cable And Opening For Power Feed (Cree® LN-CK-5-AC)	84.53	19.67
		For >50 To 100, Deduct	*-2.93*	
		For >100 To 250, Deduct	*-5.05*	
		For >250 To 500, Deduct	*-8.45*	
		For >500, Deduct	*-11.86*	
26 51 19 00-0320	EA	Canopy Kit With Aircraft Cable No Opening For Power Feed (Cree® LN-CK-0-AC)	66.06	19.67
		For >50 To 100, Deduct	*-2.47*	
		For >100 To 250, Deduct	*-4.12*	
		For >250 To 500, Deduct	*-6.61*	
		For >500, Deduct	*-9.09*	
26 51 19 00-0321	EA	Emergency 125W Inverter, Ceiling Installed (Cree® ELI-125W)	1,226.63	47.86
		For >50 To 100, Deduct	*-32.46*	
		For >100 To 250, Deduct	*-63.13*	
		For >250 To 500, Deduct	*-122.66*	
		For >500, Deduct	*-182.20*	
26 51 19 00-0322	EA	120 Volt, Emergency Relay For Use With Generator Power (Cree® EL-SR-120)	441.33	47.86
		For >50 To 100, Deduct	*-12.83*	
		For >100 To 250, Deduct	*-23.86*	
		For >250 To 500, Deduct	*-44.13*	
		For >500, Deduct	*-64.40*	

26 51 19 00-0323 LED Linear Low Bay Fixtures (Lithonia MSL) *(26 51 19 00-0280)*

Note: Includes 3,500K, 4,000K or 5,000K color temperature, 120/277 voltage and steel housing assembly. Excludes sensors.

26 51 19 00-0324	EA	4,000 Lumens, 4' Length, LED Linear Low Bay Fixture (Lithonia MSL)	1,033.02	71.79
		For >50 To 100, Deduct	*-28.82*	
		For >100 To 250, Deduct	*-54.64*	
		For >250 To 500, Deduct	*-103.30*	
		For >500, Deduct	*-151.96*	

26 51 19 00-0325 High Bay LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0326 LED High Bay Fixtures (Columbia Lighting LWS) *(26 51 19 00-0325)*

26 51 19 00-0327	EA	16" x 24", 7,909 Lumens, 58.8 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-LW-W-EU)	558.16	131.62
		For >50 To 100, Deduct	*-20.54*	
		For >100 To 250, Deduct	*-34.49*	
		For >250 To 500, Deduct	*-55.82*	
		For >500, Deduct	*-77.14*	
26 51 19 00-0328	EA	16" x 24", 8,526 Lumens, 58.8 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-LW-W-EU)	558.16	131.62
		For >50 To 100, Deduct	*-20.54*	
		For >100 To 250, Deduct	*-34.49*	
		For >250 To 500, Deduct	*-55.82*	
		For >500, Deduct	*-77.14*	
26 51 19 00-0329	EA	16" x 24", 11,812 Lumens, 82.9 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-ML-W-EU)	628.94	131.62
		For >50 To 100, Deduct	*-22.30*	
		For >100 To 250, Deduct	*-38.03*	
		For >250 To 500, Deduct	*-62.89*	
		For >500, Deduct	*-87.76*	
26 51 19 00-0330	EA	16" x 24", 12,734 Lumens, 82.9 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-ML-W-EU)	628.94	131.62
		For >50 To 100, Deduct	*-22.30*	
		For >100 To 250, Deduct	*-38.03*	
		For >250 To 500, Deduct	*-62.89*	
		For >500, Deduct	*-87.76*	
26 51 19 00-0331	EA	16" x 24", 14,813 Lumens, 112.5 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-HL-W-EU)	746.91	131.62
		For >50 To 100, Deduct	*-25.25*	
		For >100 To 250, Deduct	*-43.93*	
		For >250 To 500, Deduct	*-74.69*	
		For >500, Deduct	*-105.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0332	EA	16" x 24", 15,968 Lumens, 112.5 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-HL-W-EU)	746.91	131.62
		For >50 To 100, Deduct	*-25.25*	
		For >100 To 250, Deduct	*-43.93*	
		For >250 To 500, Deduct	*-74.69*	
		For >500, Deduct	*-105.46*	
26 51 19 00-0333	EA	16" x 24", 18,714 Lumens, 137.1 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-VL-W-EU)	794.09	131.62
		For >50 To 100, Deduct	*-26.43*	
		For >100 To 250, Deduct	*-46.29*	
		For >250 To 500, Deduct	*-79.41*	
		For >500, Deduct	*-112.53*	
26 51 19 00-0334	EA	16" x 24", 19,511 Lumens, 137.1 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-VL-W-EU)	794.09	131.62
		For >50 To 100, Deduct	*-26.43*	
		For >100 To 250, Deduct	*-46.29*	
		For >250 To 500, Deduct	*-79.41*	
		For >500, Deduct	*-112.53*	
26 51 19 00-0335	EA	16" x 24", 22,994 Lumens, 174 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-XL-W-EU)	829.48	131.62
		For >50 To 100, Deduct	*-27.32*	
		For >100 To 250, Deduct	*-48.06*	
		For >250 To 500, Deduct	*-82.95*	
		For >500, Deduct	*-117.84*	
26 51 19 00-0336	EA	16" x 24", 24,787 Lumens, 174 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-XL-W-EU)	829.48	131.62
		For >50 To 100, Deduct	*-27.32*	
		For >100 To 250, Deduct	*-48.06*	
		For >250 To 500, Deduct	*-82.95*	
		For >500, Deduct	*-117.84*	

26 51 19 00-0337 LED High Bay Fixtures (Cree) *(26 51 19 00-0325)*

26 51 19 00-0338 LED High Bay Fixtures (CREE®) *(26 51 19 00-0337)*

26 51 19 00-0339	EA	18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UL-10V)	795.67	131.62
		For >50 To 100, Deduct	*-26.47*	
		For >100 To 250, Deduct	*-46.36*	
		For >250 To 500, Deduct	*-79.57*	
		For >500, Deduct	*-112.77*	
26 51 19 00-0340	EA	18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UL-ML)	946.90	131.62
		For >50 To 100, Deduct	*-30.25*	
		For >100 To 250, Deduct	*-53.93*	
		For >250 To 500, Deduct	*-94.69*	
		For >500, Deduct	*-135.45*	
26 51 19 00-0341	EA	18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UH-10V)	873.01	131.62
		For >50 To 100, Deduct	*-28.41*	
		For >100 To 250, Deduct	*-50.23*	
		For >250 To 500, Deduct	*-87.30*	
		For >500, Deduct	*-124.37*	
26 51 19 00-0342	EA	18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UH-ML)	993.11	131.62
		For >50 To 100, Deduct	*-31.41*	
		For >100 To 250, Deduct	*-56.24*	
		For >250 To 500, Deduct	*-99.31*	
		For >500, Deduct	*-142.39*	
26 51 19 00-0343	EA	24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UL-10V)	822.37	131.62
		For >50 To 100, Deduct	*-27.14*	
		For >100 To 250, Deduct	*-47.70*	
		For >250 To 500, Deduct	*-82.24*	
		For >500, Deduct	*-116.77*	
26 51 19 00-0344	EA	24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UL-ML)	974.62	131.62
		For >50 To 100, Deduct	*-30.95*	
		For >100 To 250, Deduct	*-55.31*	
		For >250 To 500, Deduct	*-97.46*	
		For >500, Deduct	*-139.61*	
26 51 19 00-0345	EA	24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UH-10V)	900.71	131.62
		For >50 To 100, Deduct	*-29.10*	
		For >100 To 250, Deduct	*-51.62*	
		For >250 To 500, Deduct	*-90.07*	
		For >500, Deduct	*-128.53*	
26 51 19 00-0346	EA	24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UH-ML)	1,020.81	131.62
		For >50 To 100, Deduct	*-32.10*	
		For >100 To 250, Deduct	*-57.62*	
		For >250 To 500, Deduct	*-102.08*	
		For >500, Deduct	*-146.54*	

26 51 19 00-0347 Accessories For LED High Bay Fixtures (CREE®) *(26 51 19 00-0337)*

26 51 19 00-0348	EA	15 Amperes, 120 Volt, Straight Blade Plug For LED High Bay Fixtures (Cree® AP-515P)	60.51	19.67
		For >50 To 100, Deduct	*-2.33*	
		For >100 To 250, Deduct	*-3.85*	
		For >250 To 500, Deduct	*-6.05*	
		For >500, Deduct	*-8.26*	
26 51 19 00-0349	EA	15 Amperes, 120 Volt, Twist Lock Plug For LED High Bay Fixtures (Cree® AP-L515P)	60.51	19.67
		For >50 To 100, Deduct	*-2.33*	
		For >100 To 250, Deduct	*-3.85*	
		For >250 To 500, Deduct	*-6.05*	
		For >500, Deduct	*-8.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0350	EA	16" Matte Spun Aluminum Reflector For LED High Bay Fixture (Cree® CXBA16N)	78.98	19.67
		For >50 To 100, Deduct	*-2.79*	
		For >100 To 250, Deduct	*-4.77*	
		For >250 To 500, Deduct	*-7.90*	
		For >500, Deduct	*-11.03*	
26 51 19 00-0351	EA	16" Clear Acrylic Reflector For LED High Bay Fixture (Cree® CXBP16)	115.94	19.67
		For >50 To 100, Deduct	*-3.72*	
		For >100 To 250, Deduct	*-6.62*	
		For >250 To 500, Deduct	*-11.59*	
		For >500, Deduct	*-16.57*	
26 51 19 00-0352	EA	16" White Acrylic Reflector For LED High Bay Fixture (Cree® CXBW16)	134.42	19.67
		For >50 To 100, Deduct	*-4.18*	
		For >100 To 250, Deduct	*-7.54*	
		For >250 To 500, Deduct	*-13.44*	
		For >500, Deduct	*-19.34*	
26 51 19 00-0353	EA	16" Clear Prismatic Conical Lens For Prismatic And Acrylic Reflectors For LED High Bay Fixtures (Cree® CL16)	78.98	19.67
		For >50 To 100, Deduct	*-2.79*	
		For >100 To 250, Deduct	*-4.77*	
		For >250 To 500, Deduct	*-7.90*	
		For >500, Deduct	*-11.03*	
26 51 19 00-0354	EA	16" Clear Prismatic Drop Lens For Prismatic And Acrylic Reflectors For LED High Bay Fixtures (Cree® DL16)	80.83	19.67
		For >50 To 100, Deduct	*-2.84*	
		For >100 To 250, Deduct	*-4.86*	
		For >250 To 500, Deduct	*-8.08*	
		For >500, Deduct	*-11.30*	
26 51 19 00-0355	EA	16" Wire Guard For Aluminum Reflector For LED High Bay Fixtures (Cree® WG-A)	60.51	19.67
		For >50 To 100, Deduct	*-2.33*	
		For >100 To 250, Deduct	*-3.85*	
		For >250 To 500, Deduct	*-6.05*	
		For >500, Deduct	*-8.26*	
26 51 19 00-0356	EA	16" Wire Guard For Prismatic And Acrylic Reflector For LED High Bay Fixtures (Cree® WG-AP)	64.20	19.67
		For >50 To 100, Deduct	*-2.42*	
		For >100 To 250, Deduct	*-4.03*	
		For >250 To 500, Deduct	*-6.42*	
		For >500, Deduct	*-8.81*	
26 51 19 00-0357	EA	5' Galvanized Safety Cable For LED High Bay Fixtures (Cree® SC-5)	43.88	19.67
		For >50 To 100, Deduct	*-1.92*	
		For >100 To 250, Deduct	*-3.01*	
		For >250 To 500, Deduct	*-4.39*	
		For >500, Deduct	*-5.76*	
26 51 19 00-0358	EA	10' Galvanized Safety Cable For LED High Bay Fixtures (Cree® SC-10)	45.73	19.67
		For >50 To 100, Deduct	*-1.96*	
		For >100 To 250, Deduct	*-3.11*	
		For >250 To 500, Deduct	*-4.57*	
		For >500, Deduct	*-6.04*	
26 51 19 00-0359		LED High Bay Fixtures (DLE) *(26 51 19 00-0325)*		
26 51 19 00-0360	EA	12,000 Lumens, 120 Watt, LED High Bay Fixture (DLE-12-ST/HV)	1,516.91	131.62
		For >50 To 100, Deduct	*-44.50*	
		For >100 To 250, Deduct	*-82.43*	
		For >250 To 500, Deduct	*-151.69*	
		For >500, Deduct	*-220.96*	
26 51 19 00-0361	EA	18,000 Lumens, 180 Watt, LED High Bay Fixture (DLE-18-ST/HV)	1,862.28	131.62
		For >50 To 100, Deduct	*-53.14*	
		For >100 To 250, Deduct	*-99.70*	
		For >250 To 500, Deduct	*-186.23*	
		For >500, Deduct	*-272.76*	
26 51 19 00-0362	EA	24,000 Lumens, 230 Watt, LED High Bay Fixture (DLE-24-ST/HV)	2,182.99	131.62
		For >50 To 100, Deduct	*-61.16*	
		For >100 To 250, Deduct	*-115.73*	
		For >250 To 500, Deduct	*-218.30*	
		For >500, Deduct	*-320.87*	
26 51 19 00-0363		LED High Bay Fixtures (Everlast) *(26 51 19 00-0325)*		
26 51 19 00-0364		LED High Bay Fixtures (Everlast EL-LED-LG) *(26 51 19 00-0363)*		
26 51 19 00-0365	EA	13,500 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AC)	1,025.76	131.62
		For >50 To 100, Deduct	*-32.23*	
		For >100 To 250, Deduct	*-57.87*	
		For >250 To 500, Deduct	*-102.58*	
		For >500, Deduct	*-147.28*	
26 51 19 00-0366	EA	13,500 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AO)	1,084.07	131.62
		For >50 To 100, Deduct	*-33.68*	
		For >100 To 250, Deduct	*-60.78*	
		For >250 To 500, Deduct	*-108.41*	
		For >500, Deduct	*-156.03*	
26 51 19 00-0367	EA	15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL16)	967.45	131.62
		For >50 To 100, Deduct	*-30.77*	
		For >100 To 250, Deduct	*-54.95*	
		For >250 To 500, Deduct	*-96.75*	
		For >500, Deduct	*-138.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0368	EA	15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL22)	992.12	131.62
		For >50 To 100, Deduct	*-31.38*	
		For >100 To 250, Deduct	*-56.19*	
		For >250 To 500, Deduct	*-99.21*	
		For >500, Deduct	*-142.24*	
26 51 19 00-0369	EA	17,500 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AC)	1,126.68	131.62
		For >50 To 100, Deduct	*-34.75*	
		For >100 To 250, Deduct	*-62.92*	
		For >250 To 500, Deduct	*-112.67*	
		For >500, Deduct	*-162.42*	
26 51 19 00-0370	EA	17,500 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AO)	1,227.60	131.62
		For >50 To 100, Deduct	*-37.27*	
		For >100 To 250, Deduct	*-67.96*	
		For >250 To 500, Deduct	*-122.76*	
		For >500, Deduct	*-177.56*	
26 51 19 00-0371	EA	20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL16)	1,072.85	131.62
		For >50 To 100, Deduct	*-33.40*	
		For >100 To 250, Deduct	*-60.22*	
		For >250 To 500, Deduct	*-107.29*	
		For >500, Deduct	*-154.35*	
26 51 19 00-0372	EA	20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL22)	1,160.32	131.62
		For >50 To 100, Deduct	*-35.59*	
		For >100 To 250, Deduct	*-64.60*	
		For >250 To 500, Deduct	*-116.03*	
		For >500, Deduct	*-167.47*	
26 51 19 00-0373	EA	34,000 Lumens, 300 Watt, LED High Bay Fixture (Everlast EL-LED-LG-HW, AL30)	1,687.35	131.62
		For >50 To 100, Deduct	*-48.76*	
		For >100 To 250, Deduct	*-90.95*	
		For >250 To 500, Deduct	*-168.74*	
		For >500, Deduct	*-246.52*	
26 51 19 00-0374	EA	43,000 Lumens, 400 Watt, LED High Bay Fixture (Everlast EL-LED-LG-HW, AL30)	1,844.34	131.62
		For >50 To 100, Deduct	*-52.69*	
		For >100 To 250, Deduct	*-98.80*	
		For >250 To 500, Deduct	*-184.43*	
		For >500, Deduct	*-270.07*	
26 51 19 00-0375	EA	66,000 Lumens, 600 Watt, LED High Bay Fixture (Everlast EL-LED-LG-HW, AL30)	2,292.88	131.62
		For >50 To 100, Deduct	*-63.90*	
		For >100 To 250, Deduct	*-121.23*	
		For >250 To 500, Deduct	*-229.29*	
		For >500, Deduct	*-337.35*	

26 51 19 00-0376 LED High Bay Fixtures (Everlast EL-LED-CS) *(26 51 19 00-0363)*

26 51 19 00-0377	EA	5,000 Lumens, 50 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	644.50	131.62
		For >50 To 100, Deduct	*-22.69*	
		For >100 To 250, Deduct	*-38.81*	
		For >250 To 500, Deduct	*-64.45*	
		For >500, Deduct	*-90.09*	
26 51 19 00-0378	EA	10,000 Lumens, 100 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	947.26	131.62
		For >50 To 100, Deduct	*-30.26*	
		For >100 To 250, Deduct	*-53.94*	
		For >250 To 500, Deduct	*-94.73*	
		For >500, Deduct	*-135.51*	
26 51 19 00-0379	EA	15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	1,081.82	131.62
		For >50 To 100, Deduct	*-33.63*	
		For >100 To 250, Deduct	*-60.67*	
		For >250 To 500, Deduct	*-108.18*	
		For >500, Deduct	*-155.69*	
26 51 19 00-0380	EA	20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	1,238.81	131.62
		For >50 To 100, Deduct	*-37.55*	
		For >100 To 250, Deduct	*-68.52*	
		For >250 To 500, Deduct	*-123.88*	
		For >500, Deduct	*-179.24*	
26 51 19 00-0381	EA	30,000 Lumens, 300 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	1,339.73	131.62
		For >50 To 100, Deduct	*-40.07*	
		For >100 To 250, Deduct	*-73.57*	
		For >250 To 500, Deduct	*-133.97*	
		For >500, Deduct	*-194.38*	

26 51 19 00-0382 LED High Bay Fixtures (Everlast EL-LED-HB-LG) *(26 51 19 00-0363)*

26 51 19 00-0383	EA	10,000 Lumens, 100 Watt, LED High Bay Fixture (Everlast EL-LED-HB-LG)	846.34	131.62
		For >50 To 100, Deduct	*-27.74*	
		For >100 To 250, Deduct	*-48.90*	
		For >250 To 500, Deduct	*-84.63*	
		For >500, Deduct	*-120.37*	
26 51 19 00-0384	EA	15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-HB-LG)	902.41	131.62
		For >50 To 100, Deduct	*-29.14*	
		For >100 To 250, Deduct	*-51.70*	
		For >250 To 500, Deduct	*-90.24*	
		For >500, Deduct	*-128.78*	
26 51 19 00-0385	EA	20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-HB-LG)	980.90	131.62
		For >50 To 100, Deduct	*-31.10*	
		For >100 To 250, Deduct	*-55.63*	
		For >250 To 500, Deduct	*-98.09*	
		For >500, Deduct	*-140.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0386		**LED High Bay Fixtures (Everlast EL-LED-LHB)** *(26 51 19 00-0363)*		
26 51 19 00-0387	EA	13,000 Lumens, 100 Watt, LED High Bay Fixture (Everlast EL-LED-LHB)	859.80	131.62
		For >50 To 100, Deduct	*-28.08*	
		For >100 To 250, Deduct	*-49.57*	
		For >250 To 500, Deduct	*-85.98*	
		For >500, Deduct	*-122.39*	
26 51 19 00-0388	EA	26,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LHB)	1,059.40	131.62
		For >50 To 100, Deduct	*-33.07*	
		For >100 To 250, Deduct	*-59.55*	
		For >250 To 500, Deduct	*-105.94*	
		For >500, Deduct	*-152.33*	
26 51 19 00-0389	EA	39,000 Lumens, 300 Watt, LED High Bay Fixture (Everlast EL-LED-LHB)	1,317.31	131.62
		For >50 To 100, Deduct	*-39.51*	
		For >100 To 250, Deduct	*-72.45*	
		For >250 To 500, Deduct	*-131.73*	
		For >500, Deduct	*-191.02*	
26 51 19 00-0390		**LED High Bay Fixtures (Lithonia IBG)** *(26 51 19 00-0325)*		
26 51 19 00-0391	EA	8,000 Lumens, 48 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 8000LM SEF ACL GND MVOLT)	473.66	129.22
		For >50 To 100, Deduct	*-16.76*	
		For >100 To 250, Deduct	*-28.60*	
		For >250 To 500, Deduct	*-47.37*	
		For >500, Deduct	*-66.13*	
26 51 19 00-0392	EA	12,000 Lumens, 76 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 12000LM SEF ACL GND MVOLT)	492.45	129.22
		For >50 To 100, Deduct	*-17.23*	
		For >100 To 250, Deduct	*-29.54*	
		For >250 To 500, Deduct	*-49.25*	
		For >500, Deduct	*-68.95*	
26 51 19 00-0393	EA	15,000 Lumens, 93 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 15000LM SEF ACL GND MVOLT)	534.73	129.22
		For >50 To 100, Deduct	*-18.28*	
		For >100 To 250, Deduct	*-31.65*	
		For >250 To 500, Deduct	*-53.47*	
		For >500, Deduct	*-75.29*	
26 51 19 00-0394	EA	18,000 Lumens, 105 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 18000LM SEF ACL GND MVOLT)	601.47	129.22
		For >50 To 100, Deduct	*-19.95*	
		For >100 To 250, Deduct	*-34.99*	
		For >250 To 500, Deduct	*-60.15*	
		For >500, Deduct	*-85.31*	
26 51 19 00-0395	EA	24,000 Lumens, 144 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 24000LM SEF ACL GND MVOLT)	655.82	129.22
		For >50 To 100, Deduct	*-21.31*	
		For >100 To 250, Deduct	*-37.71*	
		For >250 To 500, Deduct	*-65.58*	
		For >500, Deduct	*-93.46*	
26 51 19 00-0396	EA	30,000 Lumens, 178 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 30000LM SEF ACL GND MVOLT)	783.57	129.22
		For >50 To 100, Deduct	*-24.50*	
		For >100 To 250, Deduct	*-44.09*	
		For >250 To 500, Deduct	*-78.36*	
		For >500, Deduct	*-112.62*	
26 51 19 00-0397	EA	36,000 Lumens, 218 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 36000LM SEF ACL GND MVOLT)	946.66	129.22
		For >50 To 100, Deduct	*-28.58*	
		For >100 To 250, Deduct	*-52.25*	
		For >250 To 500, Deduct	*-94.67*	
		For >500, Deduct	*-137.08*	
26 51 19 00-0398	EA	48,000 Lumens, 284 Watt, 47.29" Length, LED High Bay Fixture (Lithonia IBG 48000LM SEF ACL GND MVOLT)	1,364.88	131.62
		For >50 To 100, Deduct	*-40.70*	
		For >100 To 250, Deduct	*-74.83*	
		For >250 To 500, Deduct	*-136.49*	
		For >500, Deduct	*-198.15*	
26 51 19 00-0399		**LED High Bay Fixtures (Lithonia IBL)** *(26 51 19 00-0325)*		
26 51 19 00-0400	EA	9,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 9L)	709.14	131.62
		For >50 To 100, Deduct	*-24.31*	
		For >100 To 250, Deduct	*-42.04*	
		For >250 To 500, Deduct	*-70.91*	
		For >500, Deduct	*-99.79*	
26 51 19 00-0401	EA	12,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 12L)	768.12	131.62
		For >50 To 100, Deduct	*-25.78*	
		For >100 To 250, Deduct	*-44.99*	
		For >250 To 500, Deduct	*-76.81*	
		For >500, Deduct	*-108.64*	
26 51 19 00-0402	EA	18,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 18L)	927.38	131.62
		For >50 To 100, Deduct	*-29.77*	
		For >100 To 250, Deduct	*-52.95*	
		For >250 To 500, Deduct	*-92.74*	
		For >500, Deduct	*-132.53*	
26 51 19 00-0403	EA	24,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 24L)	991.08	131.62
		For >50 To 100, Deduct	*-31.36*	
		For >100 To 250, Deduct	*-56.14*	
		For >250 To 500, Deduct	*-99.11*	
		For >500, Deduct	*-142.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 51 19 00-0404 LED High Bay Fixtures (Metalux SSLED) *(26 51 19 00-0325)*

26 51 19 00-0405	EA	12,000 Lumens, 80 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-12-M-UNV-L840-CD1U)	786.09	131.62
		For >50 To 100, Deduct	*-26.23*	
		For >100 To 250, Deduct	*-45.89*	
		For >250 To 500, Deduct	*-78.61*	
		For >500, Deduct	*-111.33*	
26 51 19 00-0406	EA	15,000 Lumens, 100 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-15-M-UNV-L840-CD1U)	806.63	131.62
		For >50 To 100, Deduct	*-26.75*	
		For >100 To 250, Deduct	*-46.91*	
		For >250 To 500, Deduct	*-80.66*	
		For >500, Deduct	*-114.41*	
26 51 19 00-0407	EA	18,000 Lumens, 120 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-18-M-UNV-L840-CD1U)	814.90	131.62
		For >50 To 100, Deduct	*-26.95*	
		For >100 To 250, Deduct	*-47.33*	
		For >250 To 500, Deduct	*-81.49*	
		For >500, Deduct	*-115.65*	
26 51 19 00-0408	EA	24,000 Lumens, 160 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-24-M-UNV-L840-CD1U)	893.66	131.62
		For >50 To 100, Deduct	*-28.92*	
		For >100 To 250, Deduct	*-51.26*	
		For >250 To 500, Deduct	*-89.37*	
		For >500, Deduct	*-127.47*	
26 51 19 00-0409	EA	30,000 Lumens, 200 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-30-M-UNV-L840-CD1U)	985.40	131.62
		For >50 To 100, Deduct	*-31.22*	
		For >100 To 250, Deduct	*-55.85*	
		For >250 To 500, Deduct	*-98.54*	
		For >500, Deduct	*-141.23*	
26 51 19 00-0410	EA	36,000 Lumens, 240 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-36-M-UNV-L840-CD1U)	1,019.82	131.62
		For >50 To 100, Deduct	*-32.08*	
		For >100 To 250, Deduct	*-57.57*	
		For >250 To 500, Deduct	*-101.98*	
		For >500, Deduct	*-146.39*	

26 51 19 00-0411 LED High Bay Fixtures (PlanLED) *(26 51 19 00-0325)*

26 51 19 00-0412 LED High Bay Fixtures (PlanLED LUNA) *(26 51 19 00-0411)*

Note: Includes aluminum alloy chassis.

26 51 19 00-0413	EA	7,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN70)	998.84	131.62
		For >50 To 100, Deduct	*-31.55*	
		For >100 To 250, Deduct	*-56.52*	
		For >250 To 500, Deduct	*-99.88*	
		For >500, Deduct	*-143.25*	
26 51 19 00-0414	EA	9,800 Lumens, LED High Bay Fixture (PlanLED LUNA LN98)	1,124.43	131.62
		For >50 To 100, Deduct	*-34.69*	
		For >100 To 250, Deduct	*-62.80*	
		For >250 To 500, Deduct	*-112.44*	
		For >500, Deduct	*-162.08*	
26 51 19 00-0415	EA	13,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN130)	1,306.09	131.62
		For >50 To 100, Deduct	*-39.23*	
		For >100 To 250, Deduct	*-71.89*	
		For >250 To 500, Deduct	*-130.61*	
		For >500, Deduct	*-189.33*	
26 51 19 00-0416	EA	16,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN160)	1,483.27	131.62
		For >50 To 100, Deduct	*-43.66*	
		For >100 To 250, Deduct	*-80.74*	
		For >250 To 500, Deduct	*-148.33*	
		For >500, Deduct	*-215.91*	

26 51 19 00-0417 LED High Bay Fixtures (PlanLED IBL) *(26 51 19 00-0411)*

Note: Includes aluminum alloy chassis.

26 51 19 00-0418	EA	13,650 Lumens, 130 Watt, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 130W)	1,088.55	131.62
		For 480 Volt, Add	*62.90*	
		For >50 To 100, Deduct	*-33.79*	
		For >100 To 250, Deduct	*-61.01*	
		For >250 To 500, Deduct	*-108.86*	
		For >500, Deduct	*-156.70*	
26 51 19 00-0419	EA	21,000 Lumens, 200 Watt, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 200W)	1,525.88	131.62
		For 480 Volt, Add	*79.70*	
		For >50 To 100, Deduct	*-44.73*	
		For >100 To 250, Deduct	*-82.88*	
		For >250 To 500, Deduct	*-152.59*	
		For >500, Deduct	*-222.30*	
26 51 19 00-0420	EA	42,000 Lumens, 400 Watt, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 400W)	2,730.20	131.62
		For 480 Volt, Add	*126.45*	
		For >50 To 100, Deduct	*-74.84*	
		For >100 To 250, Deduct	*-143.09*	
		For >250 To 500, Deduct	*-273.02*	
		For >500, Deduct	*-402.95*	

26 51 19 00-0421 LED High Bay Fixtures (PlanLED SEGA) *(26 51 19 00-0411)*

Note: Includes aluminum alloy chassis.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0422	EA	10,400 Lumens, 80 Watt, LED High Bay Fixture (PlanLED SEGA SE080)	853.07	131.62
		For 0 To 10 Volt Dimming, Add	*96.89*	
		For >50 To 100, Deduct	*-27.91*	
		For >100 To 250, Deduct	*-49.23*	
		For >250 To 500, Deduct	*-85.31*	
		For >500, Deduct	*-121.38*	
26 51 19 00-0423	EA	13,000 Lumens, 100 Watt, LED High Bay Fixture (PlanLED SEGA SE100)	913.62	131.62
		For 0 To 10 Volt Dimming, Add	*96.89*	
		For >50 To 100, Deduct	*-29.42*	
		For >100 To 250, Deduct	*-52.26*	
		For >250 To 500, Deduct	*-91.36*	
		For >500, Deduct	*-130.46*	
26 51 19 00-0424	EA	16,900 Lumens, 130 Watt, LED High Bay Fixture (PlanLED SEGA SE130)	1,122.19	131.62
		For 0 To 10 Volt Dimming, Add	*96.89*	
		For >50 To 100, Deduct	*-34.64*	
		For >100 To 250, Deduct	*-62.69*	
		For >250 To 500, Deduct	*-112.22*	
		For >500, Deduct	*-161.75*	
26 51 19 00-0425	EA	20,800 Lumens, 160 Watt, LED High Bay Fixture (PlanLED SEGA SE160)	1,272.45	131.62
		For 0 To 10 Volt Dimming, Add	*96.89*	
		For >50 To 100, Deduct	*-38.39*	
		For >100 To 250, Deduct	*-70.20*	
		For >250 To 500, Deduct	*-127.25*	
		For >500, Deduct	*-184.29*	
26 51 19 00-0426	EA	50,000 Lumens, 400 Watt, Array, LED High Bay Fixture (PlanLED SEGA SE400)	2,380.34	131.62
		For >50 To 100, Deduct	*-66.09*	
		For >100 To 250, Deduct	*-125.60*	
		For >250 To 500, Deduct	*-238.03*	
		For >500, Deduct	*-350.47*	
26 51 19 00-0427	EA	57,040 Lumens, 500 Watt, Array, LED High Bay Fixture (PlanLED SEGA SE500)	2,577.70	131.62
		For >50 To 100, Deduct	*-71.02*	
		For >100 To 250, Deduct	*-135.47*	
		For >250 To 500, Deduct	*-257.77*	
		For >500, Deduct	*-380.07*	
26 51 19 00-0428	EA	80,000 Lumens, 640 Watt, Array, LED High Bay Fixture (PlanLED SEGA SE640)	3,936.31	131.62
		For >50 To 100, Deduct	*-104.99*	
		For >100 To 250, Deduct	*-203.40*	
		For >250 To 500, Deduct	*-393.63*	
		For >500, Deduct	*-583.87*	

26 51 19 00-0429 Wet/Hazardous Location, LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0430 Wet Location, LED Fixtures *(26 51 19 00-0429)*

26 51 19 00-0431 Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM) *(26 51 19 00-0430)*

Note: Includes 5,600K CRI LED arrays, heat and impact resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 51 19 00-0432	EA	3,531 Lumens, 29 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM3L)	4,291.42	100.51
		For Ceiling Mount, Add	*38.60*	
		For Quick Clip Mounting Option, Add	*56.75*	
		For Frosted Lens, Add	*122.05*	
		For Warm White Color Rendering, Add	*157.11*	
		For Stanchion Mount, Add	*263.32*	
		For Wall Mount, Add	*291.47*	
		For Polycarbonate Lens, Add	*226.21*	
		For Teflon Coated Lens, Add	*259.04*	
		For 480 Volt, Add	*370.05*	
		For >50 To 100, Deduct	*-111.47*	
		For >100 To 250, Deduct	*-218.76*	
		For >250 To 500, Deduct	*-429.14*	
		For >500, Deduct	*-639.53*	
26 51 19 00-0433	EA	5,335 Lumens, 43 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM5L)	4,368.62	107.68
		For Ceiling Mount, Add	*38.60*	
		For Quick Clip Mounting Option, Add	*56.75*	
		For Frosted Lens, Add	*122.05*	
		For Warm White Color Rendering, Add	*157.11*	
		For Stanchion Mount, Add	*263.32*	
		For Wall Mount, Add	*291.47*	
		For Polycarbonate Lens, Add	*226.21*	
		For Teflon Coated Lens, Add	*259.04*	
		For 480 Volt, Add	*370.05*	
		For >50 To 100, Deduct	*-113.70*	
		For >100 To 250, Deduct	*-222.92*	
		For >250 To 500, Deduct	*-436.86*	
		For >500, Deduct	*-650.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0434	EA	7,195 Lumens, 62 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM7L)	4,942.17	114.87
		For Ceiling Mount, Add	*38.60*	
		For Quick Clip Mounting Option, Add	*56.75*	
		For Frosted Lens, Add	*122.05*	
		For Warm White Color Rendering, Add	*157.11*	
		For Stanchion Mount, Add	*263.32*	
		For Wall Mount, Add	*291.47*	
		For Polycarbonate Lens, Add	*226.21*	
		For Teflon Coated Lens, Add	*259.04*	
		For 480 Volt, Add	*370.05*	
		For >50 To 100, Deduct	*-128.34*	
		For >100 To 250, Deduct	*-251.89*	
		For >250 To 500, Deduct	*-494.22*	
		For >500, Deduct	*-736.54*	
26 51 19 00-0435	EA	9,266 Lumens, 85 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM9L)	5,971.27	122.05
		For Ceiling Mount, Add	*38.60*	
		For Quick Clip Mounting Option, Add	*56.75*	
		For Frosted Lens, Add	*122.05*	
		For Warm White Color Rendering, Add	*157.11*	
		For Stanchion Mount, Add	*263.32*	
		For Wall Mount, Add	*291.47*	
		For Polycarbonate Lens, Add	*226.21*	
		For Teflon Coated Lens, Add	*259.04*	
		For 480 Volt, Add	*370.05*	
		For >50 To 100, Deduct	*-154.37*	
		For >100 To 250, Deduct	*-303.65*	
		For >250 To 500, Deduct	*-597.13*	
		For >500, Deduct	*-890.61*	
26 51 19 00-0436	EA	11,440 Lumens, 113 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM11L)	7,651.08	129.22
		For Ceiling Mount, Add	*38.60*	
		For Quick Clip Mounting Option, Add	*56.75*	
		For Frosted Lens, Add	*122.05*	
		For Warm White Color Rendering, Add	*157.11*	
		For Stanchion Mount, Add	*263.32*	
		For Wall Mount, Add	*291.47*	
		For Polycarbonate Lens, Add	*226.21*	
		For Teflon Coated Lens, Add	*259.04*	
		For 480 Volt, Add	*370.05*	
		For >50 To 100, Deduct	*-196.66*	
		For >100 To 250, Deduct	*-387.94*	
		For >250 To 500, Deduct	*-765.11*	
		For >500, Deduct	*-1,142.28*	
26 51 19 00-0437	EA	13,226 Lumens, 131 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM11L)	10,116.55	132.81
		For Ceiling Mount, Add	*38.60*	
		For Quick Clip Mounting Option, Add	*56.75*	
		For Frosted Lens, Add	*122.05*	
		For Warm White Color Rendering, Add	*157.11*	
		For Stanchion Mount, Add	*263.32*	
		For Wall Mount, Add	*291.47*	
		For Polycarbonate Lens, Add	*226.21*	
		For Teflon Coated Lens, Add	*259.04*	
		For 480 Volt, Add	*370.05*	
		For >50 To 100, Deduct	*-258.45*	
		For >100 To 250, Deduct	*-511.36*	
		For >250 To 500, Deduct	*-1,011.66*	
		For >500, Deduct	*-1,511.95*	
26 51 19 00-0438	EA	18,793 Lumens, 168 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM17L)	11,739.90	136.40
		For Ceiling Mount, Add	*38.60*	
		For Quick Clip Mounting Option, Add	*56.75*	
		For Frosted Lens, Add	*122.05*	
		For Warm White Color Rendering, Add	*157.11*	
		For Stanchion Mount, Add	*263.32*	
		For Wall Mount, Add	*291.47*	
		For Polycarbonate Lens, Add	*226.21*	
		For Teflon Coated Lens, Add	*259.04*	
		For 480 Volt, Add	*370.05*	
		For >50 To 100, Deduct	*-299.18*	
		For >100 To 250, Deduct	*-592.68*	
		For >250 To 500, Deduct	*-1,173.99*	
		For >500, Deduct	*-1,755.30*	

26 51 19 00-0439 Wet Location, NEMA 4X, LED Floodlight (Cooper Champ® Pro PFM) *(26 51 19 00-0430)*

Note: Includes 5,600K CRI LED arrays, shatter resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0440	EA	5,183 Lumens, 45 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM5L)	3,845.66	107.68
		For Bolt-On Visor, Add	*210.13*	
		For Bolt-On Wire Guard, Add	*432.21*	
		For 480 Volt, Add	*370.05*	
		For Warm White Color Rendering, Add	*157.11*	
		For >50 To 100, Deduct	*-100.63*	
		For >100 To 250, Deduct	*-196.77*	
		For >250 To 500, Deduct	*-384.57*	
		For >500, Deduct	*-572.36*	
26 51 19 00-0441	EA	7,095 Lumens, 62 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM7L)	5,734.55	114.87
		For Bolt-On Visor, Add	*210.13*	
		For Bolt-On Wire Guard, Add	*432.21*	
		For 480 Volt, Add	*370.05*	
		For Warm White Color Rendering, Add	*157.11*	
		For >50 To 100, Deduct	*-148.15*	
		For >100 To 250, Deduct	*-291.51*	
		For >250 To 500, Deduct	*-573.46*	
		For >500, Deduct	*-855.40*	
26 51 19 00-0442	EA	9,132 Lumens, 79 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM9L)	6,329.88	122.05
		For Bolt-On Visor, Add	*210.13*	
		For Bolt-On Wire Guard, Add	*432.21*	
		For 480 Volt, Add	*370.05*	
		For Warm White Color Rendering, Add	*157.11*	
		For >50 To 100, Deduct	*-163.33*	
		For >100 To 250, Deduct	*-321.58*	
		For >250 To 500, Deduct	*-632.99*	
		For >500, Deduct	*-944.40*	
26 51 19 00-0443	EA	11,107 Lumens, 99 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM11L)	7,282.67	129.22
		For Bolt-On Visor, Add	*210.13*	
		For Bolt-On Wire Guard, Add	*432.21*	
		For 480 Volt, Add	*370.05*	
		For Warm White Color Rendering, Add	*157.11*	
		For >50 To 100, Deduct	*-187.45*	
		For >100 To 250, Deduct	*-369.52*	
		For >250 To 500, Deduct	*-728.27*	
		For >500, Deduct	*-1,087.02*	

26 51 19 00-0444 Wet Location, NEMA 4X, Low Bay, LED Fixture (Cooper Vaporgard™ Pro P2L) *(26 51 19 00-0430)*

Note: Includes 5,600K CRI LED arrays, heat resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 51 19 00-0445	EA	1,400 Lumens, 25 Watt, Pendant Mount, Wet Location, NEMA 4X, Low Bay, LED Fixture (Cooper Vaporgard™ Pro P2LC)	2,631.92	100.51
		For 12/24 Volt DC Driver, Add	*59.72*	
		For Frosted Lens, Add	*122.05*	
		For 55 Degree Ambient Suitability (AC Only), Add	*81.31*	
		For Warm White Color Rendering, Add	*157.11*	
		For Ceiling Mount, Add	*185.54*	
		For Wall Mount, Add	*269.09*	
		For Teflon Coated Lens, Add	*259.04*	
		For Wall Mount With Junction Box, Add	*390.90*	
		For >50 To 100, Deduct	*-69.99*	
		For >100 To 250, Deduct	*-135.78*	
		For >250 To 500, Deduct	*-263.19*	
		For >500, Deduct	*-390.60*	

26 51 19 00-0446 Vaportight, LED Fixtures *(26 51 19 00-0429)*

26 51 19 00-0447 General Distribution, Vaportight, LED Fixtures (Metalux) *(26 51 19 00-0446)*

26 51 19 00-0448	EA	2', 2,000 Lumens, 16 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-2-G-UNV-L850-CD1-U)	349.62	57.44
		For >50 To 100, Deduct	*-11.13*	
		For >100 To 250, Deduct	*-19.87*	
		For >250 To 500, Deduct	*-34.96*	
		For >500, Deduct	*-50.05*	
26 51 19 00-0449	EA	2', 3,000 Lumens, 24 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-3-G-UNV-L850-CD1-U)	364.80	57.44
		For >50 To 100, Deduct	*-11.51*	
		For >100 To 250, Deduct	*-20.63*	
		For >250 To 500, Deduct	*-36.48*	
		For >500, Deduct	*-52.33*	
26 51 19 00-0450	EA	2', 4,000 Lumens, 32 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-4-G-UNV-L850-CD1-U)	395.18	57.44
		For >50 To 100, Deduct	*-12.27*	
		For >100 To 250, Deduct	*-22.15*	
		For >250 To 500, Deduct	*-39.52*	
		For >500, Deduct	*-56.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0451	EA	4', 4,000 Lumens, 32 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-4-G-UNV-L850-CD1-U)	352.65	71.79
		For >50 To 100, Deduct	*-11.81*	
		For >100 To 250, Deduct	*-20.62*	
		For >250 To 500, Deduct	*-35.27*	
		For >500, Deduct	*-49.91*	
26 51 19 00-0452	EA	4', 6,000 Lumens, 51 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-6-G-UNV-L850-CD1-U)	396.21	71.79
		For >50 To 100, Deduct	*-12.90*	
		For >100 To 250, Deduct	*-22.80*	
		For >250 To 500, Deduct	*-39.62*	
		For >500, Deduct	*-56.44*	
26 51 19 00-0453	EA	4', 8,000 Lumens, 67 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-8-G-UNV-L850-CD1-U)	555.77	71.79
		For >50 To 100, Deduct	*-16.89*	
		For >100 To 250, Deduct	*-30.78*	
		For >250 To 500, Deduct	*-55.58*	
		For >500, Deduct	*-80.37*	

26 51 19 00-0454 Wide Distribution, Vaportight, LED Fixtures (Metalux) *(26 51 19 00-0446)*

26 51 19 00-0455	EA	2', 2,000 Lumens, 17 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-2-W-UNV-L850-CD1-U)	379.99	57.44
		For >50 To 100, Deduct	*-11.89*	
		For >100 To 250, Deduct	*-21.39*	
		For >250 To 500, Deduct	*-38.00*	
		For >500, Deduct	*-54.61*	
26 51 19 00-0456	EA	2', 3,000 Lumens, 25 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-3-W-UNV-L850-CD1-U)	395.18	57.44
		For >50 To 100, Deduct	*-12.27*	
		For >100 To 250, Deduct	*-22.15*	
		For >250 To 500, Deduct	*-39.52*	
		For >500, Deduct	*-56.88*	
26 51 19 00-0457	EA	2', 4,000 Lumens, 34 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-4-W-UNV-L850-CD1-U)	425.55	57.44
		For >50 To 100, Deduct	*-13.03*	
		For >100 To 250, Deduct	*-23.67*	
		For >250 To 500, Deduct	*-42.56*	
		For >500, Deduct	*-61.44*	
26 51 19 00-0458	EA	4', 4,000 Lumens, 31 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-4-W-UNV-L850-CD1-U)	495.04	71.79
		For >50 To 100, Deduct	*-15.37*	
		For >100 To 250, Deduct	*-27.74*	
		For >250 To 500, Deduct	*-49.50*	
		For >500, Deduct	*-71.26*	
26 51 19 00-0459	EA	4', 6,000 Lumens, 49 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-6-W-UNV-L850-CD1-U)	555.77	71.79
		For >50 To 100, Deduct	*-16.89*	
		For >100 To 250, Deduct	*-30.78*	
		For >250 To 500, Deduct	*-55.58*	
		For >500, Deduct	*-80.37*	
26 51 19 00-0460	EA	4', 8,000 Lumens, 70 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-8-W-UNV-L850-CD1-U)	616.52	71.79
		For >50 To 100, Deduct	*-18.40*	
		For >100 To 250, Deduct	*-33.82*	
		For >250 To 500, Deduct	*-61.65*	
		For >500, Deduct	*-89.49*	

26 51 19 00-0461 Parking Garage Distribution, Vaportight, LED Fixtures (Metalux) *(26 51 19 00-0446)*

26 51 19 00-0462	EA	2', 2,000 Lumens, 17 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-2-P-UNV-L850-CD1-U)	379.99	57.44
		For >50 To 100, Deduct	*-11.89*	
		For >100 To 250, Deduct	*-21.39*	
		For >250 To 500, Deduct	*-38.00*	
		For >500, Deduct	*-54.61*	
26 51 19 00-0463	EA	2', 3,000 Lumens, 25 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-3-P-UNV-L850-CD1-U)	396.34	57.44
		For >50 To 100, Deduct	*-12.30*	
		For >100 To 250, Deduct	*-22.21*	
		For >250 To 500, Deduct	*-39.63*	
		For >500, Deduct	*-57.06*	
26 51 19 00-0464	EA	2', 4,000 Lumens, 34 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-4-P-UNV-L850-CD1-U)	425.55	57.44
		For >50 To 100, Deduct	*-13.03*	
		For >100 To 250, Deduct	*-23.67*	
		For >250 To 500, Deduct	*-42.56*	
		For >500, Deduct	*-61.44*	
26 51 19 00-0465	EA	4', 4,000 Lumens, 31 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-4-P-UNV-L850-CD1-U)	495.04	71.79
		For >50 To 100, Deduct	*-15.37*	
		For >100 To 250, Deduct	*-27.74*	
		For >250 To 500, Deduct	*-49.50*	
		For >500, Deduct	*-71.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0466	EA	4', 6,000 Lumens, 49 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-6-P-UNV-L850-CD1-U)	555.77	71.79
		For >50 To 100, Deduct	*-16.89*	
		For >100 To 250, Deduct	*-30.78*	
		For >250 To 500, Deduct	*-55.58*	
		For >500, Deduct	*-80.37*	
26 51 19 00-0467	EA	4', 8,000 Lumens, 69 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-8-P-UNV-L850-CD1-U)	616.52	71.79
		For >50 To 100, Deduct	*-18.40*	
		For >100 To 250, Deduct	*-33.82*	
		For >250 To 500, Deduct	*-61.65*	
		For >500, Deduct	*-89.49*	

26 51 19 00-0468 Ceiling Mounted LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0469 Ceiling Mounted, LED Drum Fixtures (Enertron) *(26 51 19 00-0468)*

26 51 19 00-0470	EA	11" Diameter, 530 Lumens, 7 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X611-30)	135.06	47.86
		For >50 To 100, Deduct	*-5.17*	
		For >100 To 250, Deduct	*-8.55*	
		For >250 To 500, Deduct	*-13.51*	
		For >500, Deduct	*-18.46*	
26 51 19 00-0471	EA	11" Diameter, 1,060 Lumens, 10 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X611-30)	141.34	47.86
		For >50 To 100, Deduct	*-5.33*	
		For >100 To 250, Deduct	*-8.86*	
		For >250 To 500, Deduct	*-14.13*	
		For >500, Deduct	*-19.41*	
26 51 19 00-0472	EA	11" Diameter, 1,590 Lumens, 14 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X611-30)	147.63	47.86
		For >50 To 100, Deduct	*-5.49*	
		For >100 To 250, Deduct	*-9.18*	
		For >250 To 500, Deduct	*-14.76*	
		For >500, Deduct	*-20.35*	
26 51 19 00-0473	EA	11" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X611-30)	153.91	47.86
		For >50 To 100, Deduct	*-5.64*	
		For >100 To 250, Deduct	*-9.49*	
		For >250 To 500, Deduct	*-15.39*	
		For >500, Deduct	*-21.29*	
26 51 19 00-0474	EA	14" Diameter, 530 Lumens, 7 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X614-30)	148.75	52.64
		For >50 To 100, Deduct	*-5.69*	
		For >100 To 250, Deduct	*-9.41*	
		For >250 To 500, Deduct	*-14.88*	
		For >500, Deduct	*-20.34*	
26 51 19 00-0475	EA	14" Diameter, 1,060 Lumens, 10 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X614-30)	155.03	52.64
		For >50 To 100, Deduct	*-5.85*	
		For >100 To 250, Deduct	*-9.73*	
		For >250 To 500, Deduct	*-15.50*	
		For >500, Deduct	*-21.28*	
26 51 19 00-0476	EA	14" Diameter, 1,590 Lumens, 14 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X614-30)	161.31	52.64
		For >50 To 100, Deduct	*-6.01*	
		For >100 To 250, Deduct	*-10.04*	
		For >250 To 500, Deduct	*-16.13*	
		For >500, Deduct	*-22.22*	
26 51 19 00-0477	EA	14" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X614-30)	167.59	52.64
		For >50 To 100, Deduct	*-6.16*	
		For >100 To 250, Deduct	*-10.35*	
		For >250 To 500, Deduct	*-16.76*	
		For >500, Deduct	*-23.16*	
26 51 19 00-0478	EA	14" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X614-30)	180.16	52.64
		For >50 To 100, Deduct	*-6.48*	
		For >100 To 250, Deduct	*-10.98*	
		For >250 To 500, Deduct	*-18.02*	
		For >500, Deduct	*-25.05*	
26 51 19 00-0479	EA	11" Diameter, 530 Lumens, 7 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X611-35)	135.06	47.86
		For >50 To 100, Deduct	*-5.17*	
		For >100 To 250, Deduct	*-8.55*	
		For >250 To 500, Deduct	*-13.51*	
		For >500, Deduct	*-18.46*	
26 51 19 00-0480	EA	11" Diameter, 1,060 Lumens, 10 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X611-35)	141.34	47.86
		For >50 To 100, Deduct	*-5.33*	
		For >100 To 250, Deduct	*-8.86*	
		For >250 To 500, Deduct	*-14.13*	
		For >500, Deduct	*-19.41*	
26 51 19 00-0481	EA	11" Diameter, 1,590 Lumens, 14 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED3X611-35)	147.62	47.86
		For >50 To 100, Deduct	*-5.49*	
		For >100 To 250, Deduct	*-9.18*	
		For >250 To 500, Deduct	*-14.76*	
		For >500, Deduct	*-20.35*	
26 51 19 00-0482	EA	11" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X611-35)	153.90	47.86
		For >50 To 100, Deduct	*-5.64*	
		For >100 To 250, Deduct	*-9.49*	
		For >250 To 500, Deduct	*-15.39*	
		For >500, Deduct	*-21.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0483	EA	14" Diameter, 530 Lumens, 7 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X614-35)	148.75	52.64
		For >50 To 100, Deduct	*-5.69*	
		For >100 To 250, Deduct	*-9.41*	
		For >250 To 500, Deduct	*-14.88*	
		For >500, Deduct	*-20.34*	
26 51 19 00-0484	EA	14" Diameter, 1,060 Lumens, 10 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X614-35)	155.03	52.64
		For >50 To 100, Deduct	*-5.85*	
		For >100 To 250, Deduct	*-9.73*	
		For >250 To 500, Deduct	*-15.50*	
		For >500, Deduct	*-21.28*	
26 51 19 00-0485	EA	14" Diameter, 1,590 Lumens, 14 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED3X614-35)	161.31	52.64
		For >50 To 100, Deduct	*-6.01*	
		For >100 To 250, Deduct	*-10.04*	
		For >250 To 500, Deduct	*-16.13*	
		For >500, Deduct	*-22.22*	
26 51 19 00-0486	EA	14" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X614-35)	167.59	52.64
		For >50 To 100, Deduct	*-6.16*	
		For >100 To 250, Deduct	*-10.35*	
		For >250 To 500, Deduct	*-16.76*	
		For >500, Deduct	*-23.16*	
26 51 19 00-0487	EA	14" Diameter, 3,180 Lumens, 24 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED6X614-30)	180.16	52.64
		For >50 To 100, Deduct	*-6.48*	
		For >100 To 250, Deduct	*-10.98*	
		For >250 To 500, Deduct	*-18.02*	
		For >500, Deduct	*-25.05*	
26 51 19 00-0488	EA	11" Diameter, 550 Lumens, 7 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X611-40)	135.06	47.86
		For >50 To 100, Deduct	*-5.17*	
		For >100 To 250, Deduct	*-8.55*	
		For >250 To 500, Deduct	*-13.51*	
		For >500, Deduct	*-18.46*	
26 51 19 00-0489	EA	11" Diameter, 1,100 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X611-40)	141.34	47.86
		For >50 To 100, Deduct	*-5.33*	
		For >100 To 250, Deduct	*-8.86*	
		For >250 To 500, Deduct	*-14.13*	
		For >500, Deduct	*-19.41*	
26 51 19 00-0490	EA	11" Diameter, 1,650 Lumens, 14 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED3X611-40)	147.62	47.86
		For >50 To 100, Deduct	*-5.49*	
		For >100 To 250, Deduct	*-9.18*	
		For >250 To 500, Deduct	*-14.76*	
		For >500, Deduct	*-20.35*	
26 51 19 00-0491	EA	11" Diameter, 2,200 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X611-40)	153.90	47.86
		For >50 To 100, Deduct	*-5.64*	
		For >100 To 250, Deduct	*-9.49*	
		For >250 To 500, Deduct	*-15.39*	
		For >500, Deduct	*-21.29*	
26 51 19 00-0492	EA	14" Diameter, 550 Lumens, 7 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X614-40)	148.75	52.64
		For >50 To 100, Deduct	*-5.69*	
		For >100 To 250, Deduct	*-9.41*	
		For >250 To 500, Deduct	*-14.88*	
		For >500, Deduct	*-20.34*	
26 51 19 00-0493	EA	14" Diameter, 1,100 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X614-40)	155.03	52.64
		For >50 To 100, Deduct	*-5.85*	
		For >100 To 250, Deduct	*-9.73*	
		For >250 To 500, Deduct	*-15.50*	
		For >500, Deduct	*-21.28*	
26 51 19 00-0494	EA	14" Diameter, 1,650 Lumens, 14 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED3X614-40)	161.31	52.64
		For >50 To 100, Deduct	*-6.01*	
		For >100 To 250, Deduct	*-10.04*	
		For >250 To 500, Deduct	*-16.13*	
		For >500, Deduct	*-22.22*	
26 51 19 00-0495	EA	14" Diameter, 2,200 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X614-40)	167.59	52.64
		For >50 To 100, Deduct	*-6.16*	
		For >100 To 250, Deduct	*-10.35*	
		For >250 To 500, Deduct	*-16.76*	
		For >500, Deduct	*-23.16*	
26 51 19 00-0496	EA	14" Diameter, 3,300 Lumens, 24 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED6X614-40)	180.16	52.64
		For >50 To 100, Deduct	*-6.48*	
		For >100 To 250, Deduct	*-10.98*	
		For >250 To 500, Deduct	*-18.02*	
		For >500, Deduct	*-25.05*	
26 51 19 00-0497	EA	11" Diameter, 560 Lumens, 7 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED1X611-50)	135.06	47.86
		For >50 To 100, Deduct	*-5.17*	
		For >100 To 250, Deduct	*-8.55*	
		For >250 To 500, Deduct	*-13.51*	
		For >500, Deduct	*-18.46*	
26 51 19 00-0498	EA	11" Diameter, 1,120 Lumens, 10 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED2X611-50)	141.34	47.86
		For >50 To 100, Deduct	*-5.33*	
		For >100 To 250, Deduct	*-8.86*	
		For >250 To 500, Deduct	*-14.13*	
		For >500, Deduct	*-19.41*	
26 51 19 00-0499	EA	11" Diameter, 1,680 Lumens, 14 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED3X611-50)	147.62	47.86
		For >50 To 100, Deduct	*-5.49*	
		For >100 To 250, Deduct	*-9.18*	
		For >250 To 500, Deduct	*-14.76*	
		For >500, Deduct	*-20.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0500	EA	11" Diameter, 2,240 Lumens, 17 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED4X611-50)	153.90	47.86
		For >50 To 100, Deduct	*-5.64*	
		For >100 To 250, Deduct	*-9.49*	
		For >250 To 500, Deduct	*-15.39*	
		For >500, Deduct	*-21.29*	
26 51 19 00-0501	EA	14" Diameter, 560 Lumens, 7 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X614-40)	148.75	52.64
		For >50 To 100, Deduct	*-5.69*	
		For >100 To 250, Deduct	*-9.41*	
		For >250 To 500, Deduct	*-14.88*	
		For >500, Deduct	*-20.34*	
26 51 19 00-0502	EA	14" Diameter, 1,120 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X614-40)	155.03	52.64
		For >50 To 100, Deduct	*-5.85*	
		For >100 To 250, Deduct	*-9.73*	
		For >250 To 500, Deduct	*-15.50*	
		For >500, Deduct	*-21.28*	
26 51 19 00-0503	EA	14" Diameter, 1,680 Lumens, 14 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED3X614-40)	161.31	52.64
		For >50 To 100, Deduct	*-6.01*	
		For >100 To 250, Deduct	*-10.04*	
		For >250 To 500, Deduct	*-16.13*	
		For >500, Deduct	*-22.22*	
26 51 19 00-0504	EA	14" Diameter, 2,240 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X614-40)	167.59	52.64
		For >50 To 100, Deduct	*-6.16*	
		For >100 To 250, Deduct	*-10.35*	
		For >250 To 500, Deduct	*-16.76*	
		For >500, Deduct	*-23.16*	
26 51 19 00-0505	EA	14" Diameter, 3,360 Lumens, 24 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED6X614-40)	180.16	52.64
		For >50 To 100, Deduct	*-6.48*	
		For >100 To 250, Deduct	*-10.98*	
		For >250 To 500, Deduct	*-18.02*	
		For >500, Deduct	*-25.05*	
26 51 19 00-0506	EA	19" Diameter, 1,060 Lumens, 10 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X12S19-30)	186.14	56.83
		For >50 To 100, Deduct	*-6.81*	
		For >100 To 250, Deduct	*-11.46*	
		For >250 To 500, Deduct	*-18.61*	
		For >500, Deduct	*-25.77*	
26 51 19 00-0507	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X619-30)	200.41	56.83
		For >50 To 100, Deduct	*-7.16*	
		For >100 To 250, Deduct	*-12.17*	
		For >250 To 500, Deduct	*-20.04*	
		For >500, Deduct	*-27.91*	
26 51 19 00-0508	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X12S19-30)	196.93	56.83
		For >50 To 100, Deduct	*-7.08*	
		For >100 To 250, Deduct	*-12.00*	
		For >250 To 500, Deduct	*-19.69*	
		For >500, Deduct	*-27.39*	
26 51 19 00-0509	EA	19" Diameter, 1,910 Lumens, 18 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X12H19-30)	196.87	56.83
		For >50 To 100, Deduct	*-7.08*	
		For >100 To 250, Deduct	*-12.00*	
		For >250 To 500, Deduct	*-19.69*	
		For >500, Deduct	*-27.38*	
26 51 19 00-0510	EA	19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30)	212.98	56.83
		For >50 To 100, Deduct	*-7.48*	
		For >100 To 250, Deduct	*-12.80*	
		For >250 To 500, Deduct	*-21.30*	
		For >500, Deduct	*-29.79*	
26 51 19 00-0511	EA	19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30)	207.78	56.83
		For >50 To 100, Deduct	*-7.35*	
		For >100 To 250, Deduct	*-12.54*	
		For >250 To 500, Deduct	*-20.78*	
		For >500, Deduct	*-29.01*	
26 51 19 00-0512	EA	19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	229.54	56.83
		For >50 To 100, Deduct	*-7.89*	
		For >100 To 250, Deduct	*-13.63*	
		For >250 To 500, Deduct	*-22.95*	
		For >500, Deduct	*-32.28*	
26 51 19 00-0513	EA	19" Diameter, 3,820 Lumens, 32 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X12H19-30)	222.46	56.83
		For >50 To 100, Deduct	*-7.72*	
		For >100 To 250, Deduct	*-13.28*	
		For >250 To 500, Deduct	*-22.25*	
		For >500, Deduct	*-31.22*	
26 51 19 00-0514	EA	19" Diameter, 4,240 Lumens, 32 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X12S19-30)	222.51	56.83
		For >50 To 100, Deduct	*-7.72*	
		For >100 To 250, Deduct	*-13.28*	
		For >250 To 500, Deduct	*-22.25*	
		For >500, Deduct	*-31.22*	
26 51 19 00-0515	EA	19" Diameter, 1,060 Lumens, 10 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X12S19-35)	186.14	56.83
		For >50 To 100, Deduct	*-6.81*	
		For >100 To 250, Deduct	*-11.46*	
		For >250 To 500, Deduct	*-18.61*	
		For >500, Deduct	*-25.77*	
26 51 19 00-0516	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X619-35)	200.41	56.83
		For >50 To 100, Deduct	*-7.16*	
		For >100 To 250, Deduct	*-12.17*	
		For >250 To 500, Deduct	*-20.04*	
		For >500, Deduct	*-27.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0517	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35)	196.93	56.83
		For >50 To 100, Deduct	*-7.08*	
		For >100 To 250, Deduct	*-12.00*	
		For >250 To 500, Deduct	*-19.69*	
		For >500, Deduct	*-27.39*	
26 51 19 00-0518	EA	19" Diameter, 1,910 Lumens, 18 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X12H19-35)	196.87	56.83
		For >50 To 100, Deduct	*-7.08*	
		For >100 To 250, Deduct	*-12.00*	
		For >250 To 500, Deduct	*-19.69*	
		For >500, Deduct	*-27.38*	
26 51 19 00-0519	EA	19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30)	212.98	56.83
		For >50 To 100, Deduct	*-7.48*	
		For >100 To 250, Deduct	*-12.80*	
		For >250 To 500, Deduct	*-21.30*	
		For >500, Deduct	*-29.79*	
26 51 19 00-0520	EA	19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30)	207.78	56.83
		For >50 To 100, Deduct	*-7.35*	
		For >100 To 250, Deduct	*-12.54*	
		For >250 To 500, Deduct	*-20.78*	
		For >500, Deduct	*-29.01*	
26 51 19 00-0521	EA	19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	229.54	56.83
		For >50 To 100, Deduct	*-7.89*	
		For >100 To 250, Deduct	*-13.63*	
		For >250 To 500, Deduct	*-22.95*	
		For >500, Deduct	*-32.28*	
26 51 19 00-0522	EA	19" Diameter, 3,820 Lumens, 32 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12H19-35)	222.46	56.83
		For >50 To 100, Deduct	*-7.72*	
		For >100 To 250, Deduct	*-13.28*	
		For >250 To 500, Deduct	*-22.25*	
		For >500, Deduct	*-31.22*	
26 51 19 00-0523	EA	19" Diameter, 4,240 Lumens, 32 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X12S19-35)	222.51	56.83
		For >50 To 100, Deduct	*-7.72*	
		For >100 To 250, Deduct	*-13.28*	
		For >250 To 500, Deduct	*-22.25*	
		For >500, Deduct	*-31.22*	
26 51 19 00-0524	EA	19" Diameter, 1,100 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12S19-40)	186.14	56.83
		For >50 To 100, Deduct	*-6.81*	
		For >100 To 250, Deduct	*-11.46*	
		For >250 To 500, Deduct	*-18.61*	
		For >500, Deduct	*-25.77*	
26 51 19 00-0525	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35)	200.41	56.83
		For >50 To 100, Deduct	*-7.16*	
		For >100 To 250, Deduct	*-12.17*	
		For >250 To 500, Deduct	*-20.04*	
		For >500, Deduct	*-27.91*	
26 51 19 00-0526	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35)	196.93	56.83
		For >50 To 100, Deduct	*-7.08*	
		For >100 To 250, Deduct	*-12.00*	
		For >250 To 500, Deduct	*-19.69*	
		For >500, Deduct	*-27.39*	
26 51 19 00-0527	EA	19" Diameter, 2,000 Lumens, 18 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12H19-40)	196.87	56.83
		For >50 To 100, Deduct	*-7.08*	
		For >100 To 250, Deduct	*-12.00*	
		For >250 To 500, Deduct	*-19.69*	
		For >500, Deduct	*-27.38*	
26 51 19 00-0528	EA	19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30)	212.98	56.83
		For >50 To 100, Deduct	*-7.48*	
		For >100 To 250, Deduct	*-12.80*	
		For >250 To 500, Deduct	*-21.30*	
		For >500, Deduct	*-29.79*	
26 51 19 00-0529	EA	19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30)	207.78	56.83
		For >50 To 100, Deduct	*-7.35*	
		For >100 To 250, Deduct	*-12.54*	
		For >250 To 500, Deduct	*-20.78*	
		For >500, Deduct	*-29.01*	
26 51 19 00-0530	EA	19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	229.54	56.83
		For >50 To 100, Deduct	*-7.89*	
		For >100 To 250, Deduct	*-13.63*	
		For >250 To 500, Deduct	*-22.95*	
		For >500, Deduct	*-32.28*	
26 51 19 00-0531	EA	19" Diameter, 4,000 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X12H19-40)	222.46	56.83
		For >50 To 100, Deduct	*-7.72*	
		For >100 To 250, Deduct	*-13.28*	
		For >250 To 500, Deduct	*-22.25*	
		For >500, Deduct	*-31.22*	
26 51 19 00-0532	EA	19" Diameter, 4,400 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X12S19-40)	222.51	56.83
		For >50 To 100, Deduct	*-7.72*	
		For >100 To 250, Deduct	*-13.28*	
		For >250 To 500, Deduct	*-22.25*	
		For >500, Deduct	*-31.22*	
26 51 19 00-0533	EA	19" Diameter, 1,120 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12S19-50)	186.14	56.83
		For >50 To 100, Deduct	*-6.81*	
		For >100 To 250, Deduct	*-11.46*	
		For >250 To 500, Deduct	*-18.61*	
		For >500, Deduct	*-25.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0534	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35)	200.41	56.83
		For >50 To 100, Deduct	*-7.16*	
		For >100 To 250, Deduct	*-12.17*	
		For >250 To 500, Deduct	*-20.04*	
		For >500, Deduct	*-27.91*	
26 51 19 00-0535	EA	19" Diameter, 2,240 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X12S19-50)	196.93	56.83
		For >50 To 100, Deduct	*-7.08*	
		For >100 To 250, Deduct	*-12.00*	
		For >250 To 500, Deduct	*-19.69*	
		For >500, Deduct	*-27.39*	
26 51 19 00-0536	EA	19" Diameter, 2,010 Lumens, 18 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12H19-50)	196.87	56.83
		For >50 To 100, Deduct	*-7.08*	
		For >100 To 250, Deduct	*-12.00*	
		For >250 To 500, Deduct	*-19.69*	
		For >500, Deduct	*-27.38*	
26 51 19 00-0537	EA	19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30)	212.98	56.83
		For >50 To 100, Deduct	*-7.48*	
		For >100 To 250, Deduct	*-12.80*	
		For >250 To 500, Deduct	*-21.30*	
		For >500, Deduct	*-29.79*	
26 51 19 00-0538	EA	19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30)	207.78	56.83
		For >50 To 100, Deduct	*-7.35*	
		For >100 To 250, Deduct	*-12.54*	
		For >250 To 500, Deduct	*-20.78*	
		For >500, Deduct	*-29.01*	
26 51 19 00-0539	EA	19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	229.54	56.83
		For >50 To 100, Deduct	*-7.89*	
		For >100 To 250, Deduct	*-13.63*	
		For >250 To 500, Deduct	*-22.95*	
		For >500, Deduct	*-32.28*	
26 51 19 00-0540	EA	19" Diameter, 4,020 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X12H19-50)	222.46	56.83
		For >50 To 100, Deduct	*-7.72*	
		For >100 To 250, Deduct	*-13.28*	
		For >250 To 500, Deduct	*-22.25*	
		For >500, Deduct	*-31.22*	
26 51 19 00-0541	EA	19" Diameter, 4,480 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X12S19-50)	222.51	56.83
		For >50 To 100, Deduct	*-7.72*	
		For >100 To 250, Deduct	*-13.28*	
		For >250 To 500, Deduct	*-22.25*	
		For >500, Deduct	*-31.22*	
26 51 19 00-0542		Ceiling Mounted, LED Mushroom Fixtures (Mobern) *(26 51 19 00-0468)*		
26 51 19 00-0543	EA	14" Diameter, 800 Lumens, 12 Watt, LED Ceiling Fixture (Mobern 6814LED12MV30)	201.54	52.64
		For >50 To 100, Deduct	*-7.01*	
		For >100 To 250, Deduct	*-12.05*	
		For >250 To 500, Deduct	*-20.15*	
		For >500, Deduct	*-28.26*	
26 51 19 00-0544		Ceiling Mounted, LED Fixtures (Sylvania) *(26 51 19 00-0468)*		
26 51 19 00-0545	EA	12.5" x 12.5" x 2.32" Deep, 4,200 Lumens, 35 Watt, LED Garage Light Fixture (Sylvania GARAG1/035UNVD740/G5/SV/D)	746.89	56.83
		For >50 To 100, Deduct	*-20.83*	
		For >100 To 250, Deduct	*-39.50*	
		For >250 To 500, Deduct	*-74.69*	
		For >500, Deduct	*-109.88*	
26 51 19 00-0546	EA	2' x 2', 32 Watt, 120-277 Volt, 4000K CCT, LED, Grid Mount Edge-Lit Panel With Surface Mount Kit, White (Sylvania PANELF1A/032UNVD840/22G/WH + SMKIT1A/24A/WH)	288.04	47.86
		For >50 To 100, Deduct	*-9.00*	
		For >100 To 250, Deduct	*-16.20*	
		For >250 To 500, Deduct	*-28.80*	
		For >500, Deduct	*-41.41*	
26 51 19 00-0547	EA	2' x 4', 32 Watt, 120-277 Volt, 3500K CCT, LED, Grid Mount Edge-Lit Panel With Surface Mount Kit, White (Sylvania PANELF1A/032UNVD835/24G/WH + SMKIT1A/24A/WH)	358.48	55.76
		For >50 To 100, Deduct	*-11.06*	
		For >100 To 250, Deduct	*-20.02*	
		For >250 To 500, Deduct	*-35.85*	
		For >500, Deduct	*-51.68*	
26 51 19 00-0548	EA	2' x 4', 32 Watt, 120-277 Volt, 4000K CCT, LED, Grid Mount Edge-Lit Panel With Surface Mount Kit, White (Sylvania PANELF1A/032UNVD840/24G/WH + SMKIT1A/24A/WH)	362.67	55.76
		For >50 To 100, Deduct	*-11.16*	
		For >100 To 250, Deduct	*-20.23*	
		For >250 To 500, Deduct	*-36.27*	
		For >500, Deduct	*-52.31*	
26 51 19 00-0549		Refrigeration/Display LED Fixtures *(26 51 19 00-0001)*		
26 51 19 00-0550		Refrigeration/Display LED Fixtures (Lithonia) *(26 51 19 00-0549)*		
		Note: Fixtures exclude driver.		
26 51 19 00-0551	EA	5' Length, Center Mount, Refrigeration/Display, Vertical LED Fixture (Lithonia FSV5 CM)	321.03	55.76
		For >50 To 100, Deduct	*-10.12*	
		For >100 To 250, Deduct	*-18.15*	
		For >250 To 500, Deduct	*-32.10*	
		For >500, Deduct	*-46.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0552	EA	5' Length, Left And Right Mount (Pair), Refrigeration/Display, Vertical LED Fixture (Lithonia FSVDRVL RLEM DLC)	417.51	98.71
		For >50 To 100, Deduct	*-14.18*	
		For >100 To 250, Deduct	*-24.61*	
		For >250 To 500, Deduct	*-41.75*	
		For >500, Deduct	*-58.89*	
26 51 19 00-0553	EA	Up To 5 Door Configuration, LED Driver For Refrigeration/Display, Vertical LED Fixtures (Lithonia FSVDRVL)	386.26	78.97
		For >50 To 100, Deduct	*-12.65*	
		For >100 To 250, Deduct	*-22.30*	
		For >250 To 500, Deduct	*-38.63*	
		For >500, Deduct	*-54.95*	
26 51 19 00-0554		Ceiling Mount LED Fixtures *(26 51 19 00-0001)*		
26 51 19 00-0555	EA	10-1/2" x 10-1/2', Ceiling Mounted, Box Type 17W LED Fixture	272.52	47.86
26 51 19 00-0556		Pendant Mount, LED Fixtures *(26 51 19 00-0001)*		
26 51 19 00-0557		Pendant Mount, Circular Architectural LED Fixtures (Delray Lighting) *(26 51 19 00-0556)*		
26 51 19 00-0558	EA	2,166 Lumens, 2' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC2 W W35 S)	2,747.35	122.05
		For >50 To 100, Deduct	*-73.77*	
		For >100 To 250, Deduct	*-142.45*	
		For >250 To 500, Deduct	*-274.74*	
		For >500, Deduct	*-407.02*	
26 51 19 00-0559	EA	3,250 Lumens, 3' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC3 W W35 S)	4,150.14	129.22
		For >50 To 100, Deduct	*-109.14*	
		For >100 To 250, Deduct	*-212.89*	
		For >250 To 500, Deduct	*-415.01*	
		For >500, Deduct	*-617.14*	
26 51 19 00-0560	EA	4,333 Lumens, 4' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC4 W W35 S)	5,300.62	136.40
		For >50 To 100, Deduct	*-138.20*	
		For >100 To 250, Deduct	*-270.71*	
		For >250 To 500, Deduct	*-530.06*	
		For >500, Deduct	*-789.41*	
26 51 19 00-0561	EA	5,416 Lumens, 5' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC5 W W35 S)	6,703.40	143.59
		For >50 To 100, Deduct	*-173.57*	
		For >100 To 250, Deduct	*-341.15*	
		For >250 To 500, Deduct	*-670.34*	
		For >500, Deduct	*-999.53*	
26 51 19 00-0562	EA	2,166 Lumens, 2' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC2 S W35 S)	2,914.16	122.05
		For >50 To 100, Deduct	*-77.94*	
		For >100 To 250, Deduct	*-150.79*	
		For >250 To 500, Deduct	*-291.42*	
		For >500, Deduct	*-432.04*	
26 51 19 00-0563	EA	3,250 Lumens, 3' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC3 S W35 S)	4,371.17	129.22
		For >50 To 100, Deduct	*-114.66*	
		For >100 To 250, Deduct	*-223.94*	
		For >250 To 500, Deduct	*-437.12*	
		For >500, Deduct	*-650.29*	
26 51 19 00-0564	EA	4,333 Lumens, 4' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC4 S W35 S)	5,523.74	136.40
		For >50 To 100, Deduct	*-143.78*	
		For >100 To 250, Deduct	*-281.87*	
		For >250 To 500, Deduct	*-552.37*	
		For >500, Deduct	*-822.88*	
26 51 19 00-0565	EA	5,416 Lumens, 5' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC5 S W35 S)	6,953.63	143.59
		For >50 To 100, Deduct	*-179.82*	
		For >100 To 250, Deduct	*-353.66*	
		For >250 To 500, Deduct	*-695.36*	
		For >500, Deduct	*-1,037.06*	
26 51 19 00-0566		Pendant Mount, LED Commercial Fixtures (DMF) *(26 51 19 00-0556)*		
26 51 19 00-0567	EA	3,000 Lumens, 18-1/4" Diameter, Pendant Mount, LED Commercial Fixture (DMF DP610LED)	1,064.24	71.79
		For >50 To 100, Deduct	*-29.60*	
		For >100 To 250, Deduct	*-56.20*	
		For >250 To 500, Deduct	*-106.42*	
		For >500, Deduct	*-156.64*	
26 51 19 00-0568		LED Track Lighting *(26 51 19 00-0001)*		
26 51 19 00-0569		LED Track Lighting Fixtures *(26 51 19 00-0568)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0570	EA	19 Watt, Dimmable, LED Track Lighting Fixture (Juno® TRAC-MASTER® Cylindra™)	231.43	21.87
		For >50 To 100, Deduct	*-6.60*	
		For >100 To 250, Deduct	*-12.39*	
		For >250 To 500, Deduct	*-23.14*	
		For >500, Deduct	*-33.90*	
26 51 19 00-0571	EA	18 Watt, Dimmable, LED Track Lighting Fixture (HALO® Stasis L805MED)	404.46	21.87
		For >50 To 100, Deduct	*-10.93*	
		For >100 To 250, Deduct	*-21.04*	
		For >250 To 500, Deduct	*-40.45*	
		For >500, Deduct	*-59.85*	
26 51 19 00-0572	EA	24 Watt, Dimmable, LED Track Lighting Fixture (Amerlux CNTRV33)	238.00	21.87
		For >50 To 100, Deduct	*-6.77*	
		For >100 To 250, Deduct	*-12.72*	
		For >250 To 500, Deduct	*-23.80*	
		For >500, Deduct	*-34.88*	

26 51 19 00-0573 Track Lighting Tracks *(26 51 19 00-0568)*

26 51 19 00-0574	LF	1 Circuit Track Lighting Track	27.61	8.65
		For >50 To 100, Deduct	*-0.98*	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.76*	
		For >500, Deduct	*-3.85*	
26 51 19 00-0575	LF	2 Circuit Track Lighting Track	35.87	8.65
		For >50 To 100, Deduct	*-1.22*	
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-3.59*	
		For >500, Deduct	*-5.05*	
26 51 19 00-0576	LF	3 Circuit Track Lighting Track	42.92	8.65
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 250, Deduct	*-2.51*	
		For >250 To 500, Deduct	*-4.29*	
		For >500, Deduct	*-6.08*	
26 51 19 00-0577	LF	4 Circuit Track Lighting Track	49.96	10.48
		For >50 To 100, Deduct	*-1.64*	
		For >100 To 250, Deduct	*-2.89*	
		For >250 To 500, Deduct	*-5.00*	
		For >500, Deduct	*-7.10*	

26 51 19 00-0578 Track Lighting Accessories *(26 51 19 00-0568)*

26 51 19 00-0579 Pendant Mounting *(26 51 19 00-0578)*

26 51 19 00-0580	EA	Track Lighting Pendant Mounting, Up to 12"	28.55	
		For >50 To 100, Deduct	*-1.20*	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.79*	
26 51 19 00-0581	EA	Track Lighting Pendant Mounting, >12" To 24"	36.23	
		For >50 To 100, Deduct	*-1.46*	
		For >100 To 250, Deduct	*-2.37*	
		For >250 To 500, Deduct	*-3.62*	
		For >500, Deduct	*-4.88*	
26 51 19 00-0582	EA	Track Lighting Pendant Mounting, >24" To 36"	44.01	
		For >50 To 100, Deduct	*-1.76*	
		For >100 To 250, Deduct	*-2.86*	
		For >250 To 500, Deduct	*-4.40*	
		For >500, Deduct	*-5.95*	

26 51 23 HID Interior Lighting *(26 51)*

26 51 23 00-0001 Large Interior Area Fixtures *(26 51 23)*

26 51 23 00-0002 Recessed Mounted, Large Interior Area Fixtures *(26 51 23 00-0001)*

Note: Cast aluminum socket housing, anodized aluminum reflector, tempered glass or acrylic lens, plaster mounting frames and brackets.

26 51 23 00-0003 High Pressure Sodium, Recessed Mounted, Large Interior Area Fixtures *(26 51 23 00-0002)*

26 51 23 00-0004	EA	150 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture	498.61	139.61
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0005	EA	250 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture	519.44	148.24
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0006	EA	400 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture	544.54	169.20
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	

26 51 23 00-0007 Metal Halide, Recessed Mounted, Large Interior Area Fixtures *(26 51 23 00-0002)*

26 51 23 00-0008	EA	150 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture	507.88	139.61
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 23 00-0009	EA	250 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture	523.35	148.24
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0010	EA	400 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture	557.88	169.20
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	

26 51 23 00-0011 Low Bay Fixtures, Large Interior Area Fixtures *(26 51 23 00-0001)*

Note: Heavy-duty steel housing, aluminum reflector, tempered glass or acrylic lens. Low bay fixtures are for mounting below 20-25 feet.

26 51 23 00-0012 High Pressure Sodium, Low Bay Fixtures *(26 51 23 00-0011)*

26 51 23 00-0013	EA	150 Watt High Pressure Sodium, Low Bay Fixture	525.50	127.55
		For Wire Guard, Add	*40.50*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Enclosed And Gasketed, Add	*75.47*	
26 51 23 00-0014	EA	250 Watt High Pressure Sodium, Low Bay Fixture	539.54	135.45
		For Wire Guard, Add	*40.50*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Enclosed And Gasketed, Add	*75.47*	
26 51 23 00-0015	EA	400 Watt High Pressure Sodium, Low Bay Fixture	570.65	154.59
		For Wire Guard, Add	*40.50*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Enclosed And Gasketed, Add	*75.47*	

26 51 23 00-0016 Metal Halide, Low Bay Fixtures *(26 51 23 00-0011)*

26 51 23 00-0017	EA	175 Watt Metal Halide, Low Bay Fixture	520.20	127.55
		For Wire Guard, Add	*40.50*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Enclosed And Gasketed, Add	*75.47*	
26 51 23 00-0018	EA	250 Watt Metal Halide, Low Bay Fixture	533.42	135.45
		For Wire Guard, Add	*40.50*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Enclosed And Gasketed, Add	*75.47*	
26 51 23 00-0019	EA	400 Watt Metal Halide, Low Bay Fixture	575.65	154.59
		For Wire Guard, Add	*40.50*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Enclosed And Gasketed, Add	*75.47*	

26 51 23 00-0020 High Bay Fixtures, Large Interior Area Fixtures *(26 51 23 00-0001)*

Note: High bay fixtures are for mounting above 20-25 feet. See CSI section 01 22 23 00-0001 for lifts.

26 51 23 00-0021 High Pressure Sodium, High Bay Fixtures *(26 51 23 00-0020)*

Note: Includes heavy-duty steel housing and aluminum reflector. Excludes lens.

26 51 23 00-0022	EA	250 Watt High Pressure Sodium, High Bay Fixture	480.65	135.45
		For Wire Guard, Add	*40.50*	
		For Tempered Glass Or Acrylic Lens, Add	*60.50*	
		For Ballast Safety Chain, Add	*12.13*	
		For Polycarbonate Lens, Add	*47.75*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Security Chain, Add	*19.34*	
		For Optical Safety Chain, Add	*7.47*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0023	EA	400 Watt High Pressure Sodium, High Bay Fixture	517.97	154.59
		For Wire Guard, Add	*40.50*	
		For Tempered Glass Or Acrylic Lens, Add	*60.50*	
		For Ballast Safety Chain, Add	*12.13*	
		For Polycarbonate Lens, Add	*47.75*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Security Chain, Add	*19.34*	
		For Optical Safety Chain, Add	*7.47*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0024	EA	1,000 Watt High Pressure Sodium, High Bay Fixture	764.07	162.61
		For Wire Guard, Add	*40.50*	
		For Tempered Glass Or Acrylic Lens, Add	*60.50*	
		For Ballast Safety Chain, Add	*12.13*	
		For Polycarbonate Lens, Add	*47.75*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Security Chain, Add	*19.34*	
		For Optical Safety Chain, Add	*7.47*	
		For Instant Quartz Restrike, Add	*60.00*	

26 51 23 00-0025 Metal Halide, High Bay Fixtures *(26 51 23 00-0020)*

Note: Includes heavy-duty steel housing and aluminum reflector. Excludes lens.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 23 00-0026	EA	250 Watt Metal Halide, High Bay Fixture	446.86	135.45
		For Wire Guard, Add	*40.50*	
		For Tempered Glass Or Acrylic Lens, Add	*60.50*	
		For Ballast Safety Chain, Add	*12.13*	
		For Polycarbonate Lens, Add	*47.75*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Security Chain, Add	*19.34*	
		For Optical Safety Chain, Add	*7.47*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0027	EA	400 Watt Metal Halide, High Bay Fixture	488.85	154.59
		For Wire Guard, Add	*40.50*	
		For Tempered Glass Or Acrylic Lens, Add	*60.50*	
		For Ballast Safety Chain, Add	*12.13*	
		For Polycarbonate Lens, Add	*47.75*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Security Chain, Add	*19.34*	
		For Optical Safety Chain, Add	*7.47*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0028	EA	1,000 Watt Metal Halide, High Bay Fixture	646.00	162.61
		For Wire Guard, Add	*40.50*	
		For Tempered Glass Or Acrylic Lens, Add	*60.50*	
		For Ballast Safety Chain, Add	*12.13*	
		For Polycarbonate Lens, Add	*47.75*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Security Chain, Add	*19.34*	
		For Optical Safety Chain, Add	*7.47*	
		For Instant Quartz Restrike, Add	*60.00*	

26 51 23 00-0029 Induction, High Bay Fixtures *(26 51 23 00-0020)*

26 51 23 00-0030 Induction, High Bay Fixtures (Everlast®) *(26 51 23 00-0029)*

Note: Includes die cast aluminum ballast casing and acrylic lens.

26 51 23 00-0031	EA	100 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	548.88	118.46
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0032	EA	120 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	589.08	122.41
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0033	EA	150 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	599.77	126.36
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0034	EA	200 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	654.11	130.31
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0035	EA	250 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	670.72	134.25
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0036	EA	100 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	590.17	118.46
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0037	EA	120 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	630.37	122.41
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0038	EA	150 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	641.06	126.36
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0039	EA	200 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	695.40	130.31
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0040	EA	250 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	712.01	134.25
		For Impact Resistant Silicon Lens, Add	*20.00*	

26 51 23 00-0041 Ceiling Mounted, Large Interior Area Fixtures *(26 51 23 00-0001)*

Note: Heavy-duty aluminum housing, aluminum reflector, acrylic drop dish lens, fully gasketed.

26 51 23 00-0042 High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixtures *(26 51 23 00-0041)*

26 51 23 00-0043	EA	100 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	412.21	90.76
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0044	EA	150 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	712.95	90.76
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0045	EA	250 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	819.39	90.76
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0046	EA	400 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	1,096.28	90.76
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Instant Quartz Restrike, Add	*60.00*	

26 51 23 00-0047 Metal Halide, Ceiling Mounted, Large Interior Area Fixtures *(26 51 23 00-0041)*

26 51 23 00-0048	EA	100 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	327.30	90.76
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Instant Quartz Restrike, Add	*60.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 23 00-0049	EA	175 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	344.42	100.71
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0050	EA	250 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	366.43	109.09
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0051	EA	400 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	411.81	129.92
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Instant Quartz Restrike, Add	*60.00*	

26 51 23 00-0052 High Pressure Sodium, Recessed Fixture Housings *(26 51 23)*

26 51 23 00-0053	EA	4" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	171.52	37.72
		For ICAT Housing, Add	*14.86*	
26 51 23 00-0054	EA	5" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	179.21	37.72
		For ICAT Housing, Add	*15.85*	
26 51 23 00-0055	EA	6" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	188.23	39.29
		For ICAT Housing, Add	*16.68*	
26 51 23 00-0056	EA	7" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	195.05	40.99
		For ICAT Housing, Add	*17.22*	
26 51 23 00-0057	EA	8" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	201.79	42.70
		For ICAT Housing, Add	*17.75*	
26 51 23 00-0058	EA	10" To 12" Square, High Pressure Sodium, T Or ICT Recessed Fixture Housing	207.77	45.31
		For ICAT Housing, Add	*18.02*	

26 51 23 00-0059 Metal Halide Track Lighting Fixtures *(26 51 23)*

26 51 23 00-0060	EA	Metal Halide Track Lighting Fixture	111.60	21.87

26 51 23 00-0061 Metal Halide, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures *(26 51 23)*

26 51 23 00-0062	EA	75 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	180.05	52.39
		For Wall Mounted, Add	*6.30*	
26 51 23 00-0063	EA	100 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	185.25	52.39
		For Wall Mounted, Add	*6.30*	
26 51 23 00-0064	EA	150 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	195.79	52.39
		For Wall Mounted, Add	*6.30*	
26 51 23 00-0065	EA	175 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	211.64	52.39
		For Wall Mounted, Add	*6.30*	

26 51 23 00-0066 High Pressure Sodium, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures *(26 51 23)*

26 51 23 00-0067	EA	70 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	167.70	52.39
		For Wall Mounted, Add	*6.67*	
26 51 23 00-0068	EA	100 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	174.15	52.39
		For Wall Mounted, Add	*6.67*	
26 51 23 00-0069	EA	150 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	199.07	52.39
		For Wall Mounted, Add	*6.67*	

26 51 33 Interior Lighting Accessories *(26 51)*

26 51 33 00-0001 Accessories And Modifiers For Fixtures *(26 51 33)*

26 51 33 00-0002 Lens Modifications *(26 51 33 00-0001)*

26 51 33 00-0003	EA	For 1' x 2' Drop Dish Diffuser Instead Of Prismatic Lens, Add	39.80
26 51 33 00-0004	EA	For 1' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add	49.17
26 51 33 00-0005	EA	For 2' x 2' Drop Dish Diffuser Instead Of Prismatic Lens, Add	51.51
26 51 33 00-0006	EA	For 2' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add	56.19
26 51 33 00-0007	EA	For 4' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add	67.89
26 51 33 00-0008	EA	For 1' x 2' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	16.39
26 51 33 00-0009	EA	For 1' x 4' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	23.41
26 51 33 00-0010	EA	For 2' x 2' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	25.75
26 51 33 00-0011	EA	For 2' x 4' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	30.44

26 51 33 00-0012 Pendant Mounting Modifications *(26 51 33 00-0001)*

Note: Per pendant. Use demolition cost for associated light fixture for demolition of pendant mounted light fixture assembly.

26 51 33 00-0013	EA	For Pendant Mounting Up to 1'-6" Long Section Note: Per pendant.	17.79
26 51 33 00-0014	EA	For Pendant Mounting 2' Long Section Note: Per pendant.	20.60
26 51 33 00-0015	EA	For Pendant Mounting 3' Long Section Note: Per pendant.	26.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 33 00-0016	EA	For Pendant Mounting 4' Long Section Note: Per pendant.	31.14	
26 51 33 00-0017	EA	For Pendant Mounting 6' Long Section Note: Per pendant.	39.33	
26 51 33 00-0018	EA	For Pendant Mounting 8' Long Section Note: Per pendant.	53.38	
26 51 33 00-0019		**Fluorescent Light Accessories** *(26 51 33 00-0001)*		
26 51 33 00-0020	EA	Blank Metal Light Box Plate	31.61	
26 51 33 00-0021	EA	Factory Installed Fixture Mounted Occupancy Sensor	180.25	
26 51 33 00-0022		**Wire Guards** *(26 51 33 00-0001)*		
26 51 33 00-0023	EA	Wire Guard for 6" x 2' Fixture	75.71	6.55
26 51 33 00-0024	EA	Wire Guard for 6" x 4' Fixture	106.10	10.50
26 51 33 00-0025	EA	Wire Guard for 1" x 2' Fixture	84.53	7.22
26 51 33 00-0026	EA	Wire Guard for 1" x 4' Fixture	119.94	11.15
26 51 33 00-0027	EA	Wire Guard for 2" x 2' Fixture	103.36	7.87
26 51 33 00-0028	EA	Wire Guard for 2" x 4' Fixture	141.26	11.80
26 51 33 00-0029		**Lighting Accessories** *(26 51 33)*		
26 51 33 00-0030		**Modular Flexible Wiring Systems** *(26 51 33 00-0029)*		
26 51 33 00-0031	EA	10' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-10)	109.07	7.07
26 51 33 00-0032	EA	15' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-15)	129.30	7.07
26 51 33 00-0033	EA	20' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-20)	156.53	7.07
26 51 33 00-0034	EA	15' Length, 2-Circuit, Modular Lighting Cable (Day-Brite LC-27-2E-15)	129.30	7.07
26 51 33 00-0035	EA	3 Out, 3-Circuit, Modular Lighting Interface (Day-Brite LI-27-3E)	107.06	7.07
26 51 33 00-0036	EA	13' Length, 2-Circuit, Modular Reddy-Connect Cable (Day-Brite RC-27-2D-13)	161.89	7.07
26 51 33 00-0037	EA	3" Length, 2-Circuit, Modular Lighting Adapter (Day-Brite LA-27-7M)	87.57	7.07
26 51 33 00-0038	EA	3" Length, 2-Circuit, Modular Lighting Tap (Day-Brite LT-27-2E)	99.70	7.07
26 51 33 00-0039	EA	7' Length, Single Level, Modular Lighting Switch Unit (Day-Brite LS-27-SL-07)	130.49	7.07
26 51 33 00-0040	EA	7' Length, 1-Circuit Multi-Level, Modular Lighting Switch Unit (Day-Brite LS-27-ML-07)	130.49	7.07
26 51 33 00-0041	EA	7' Length, 2-Circuit Multi-Level, Modular Lighting Switch Unit (Day-Brite LS-27-2C-07)	132.78	7.07
26 51 33 00-0042	EA	7' Length, 1st 3-Way, Modular Lighting Switch Unit (Day-Brite LS-27-3A-07)	131.93	7.07
26 51 33 00-0043	EA	7' Length, 2nd 3-Way, Modular Lighting Switch Unit (Day-Brite LS-27-3B-07)	131.93	7.07
26 51 33 00-0044	EA	15' Length, Single Level, Modular Lighting Switch Unit (Day-Brite LS-27-SL-15)	152.34	7.07
26 51 33 00-0045	EA	3" Length, 2-Circuit, Modular Lighting Adapter (Day-Brite LA-27-4D)	67.43	7.07
26 51 33 00-0046	EA	3" Length, 1-Circuit, Modular Lighting Distribution Cable (Day-Brite LD-27-1E)	62.67	7.07
26 51 33 00-0047	EA	3" Length, 2-Circuit, Modular Lighting Distribution Cable (Day-Brite LD-27-2E)	64.33	7.07
26 51 33 00-0048	EA	3" Length, 1-Circuit, Modular Lighting Tap (Day-Brite LT-27-1E)	81.99	7.07
26 51 33 00-0049	EA	15' Length, 1-Circuit, Modular Lighting Tap (Day-Brite LT-27-1E-15)	109.07	7.07
26 51 33 00-0050	EA	15' Length, 1-Circuit, Modular Lighting Cable (Day-Brite LC-27-1E-15)	111.94	7.07
26 51 33 00-0051	EA	Modular Lighting Junction Or Circuit Splitter (Day-Brite LJ-27-3E)	86.38	7.07
26 51 33 00-0052	EA	3" Length, 1-Circuit, Modular Power Distribution Cable (Day-Brite PD-12-1E)	62.67	7.07
26 51 33 00-0053	EA	Removal And Reinstallation Of Modular Wiring Complete Including Storage And Cleaning	58.93	
26 51 33 00-0054		**Additional Lighting Wire Whips** *(26 51 33)*		
26 51 33 00-0055	LF	For Each Additional LF Of Interior Lighting Wire Whip, Add Note: Wire whips are included with interior lighting fixtures, where necessary, up to six feet in length. Use this task for additional required whip length. For example, if the fixture requires a 15' wire whip then use 9 LF of this task to reach required length.	1.95	
26 51 33 00-0056		**Removal And Reinstallation Of Light Fixtures** *(26 51 33)* Note: Includes disconnection of wire, on-site storage, general cleaning, installation and electrical wire hook-up.		
26 51 33 00-0057	EA	Removal And Reinstallation Of Lay-In Fluorescent Light Fixture	139.40	
26 51 33 00-0058	EA	Removal And Reinstallation Of Surface Mounted Or Pendant Light Fixture	159.30	

26 52 Safety Lighting *(26 50)*

26 52 13 Emergency and Exit Lighting *(26 52)*

26 52 13 13 Emergency Lighting *(26 52 13)*

26 52 13 13-0001 Commercial Emergency Lights *(26 52 13 13)*

26 52 13 13-0002 Polycarbonate Housing, Commercial Emergency Lights *(26 52 13 13-0001)*

Note: Includes lead-calcium batteries and two adjustable lamp heads.

26 52 13 13-0003	EA	3 Max Wattage At 90 Minutes, 3.6 Volt, Polycarbonate Housing, LED Lamps, Commercial Emergency Light (Lithonia ELM2 LED)	261.89	32.74
26 52 13 13-0004	EA	10.8 Max Wattage At 90 Minutes, 6 Volt, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM2)	179.34	32.74
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 13 13-0005	EA	18 Max Wattage At 90 Minutes, 6 Volt, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM618)	287.37	32.74
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 13-0006	EA	27 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM627)	336.28	32.74
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 13 13-0007	EA	54 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM654)	504.34	32.74
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 13 13-0008	EA	54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM1254)	572.57	32.74
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 13 13-0009	EA	72 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM1272)	838.37	32.74
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	

26 52 13 13-0010 Remote Heads For Commercial Emergency Lights *(26 52 13 13-0001)*

Note: For use with fixtures that have remote capability.

26 52 13 13-0011	EA	6 Watt, 6 Volt, Aluminum Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA MT H0606)	177.67	19.64
26 52 13 13-0012	EA	6 Watt, 6 Volt, Gasketed Fiberglass Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA NX H0606)	178.90	19.64
26 52 13 13-0013	EA	8 Watt, 8 Volt, Gasketed Fiberglass Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA NX H0806)	183.03	19.64
26 52 13 13-0014	EA	12 Watt, 12 Volt, Aluminum Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA MT H1212)	182.36	19.64
26 52 13 13-0015	EA	12 Watt, 12 Volt, Thermoplastic Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA H1212)	157.02	19.64
26 52 13 13-0016	EA	12 Watt, 12 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1206)	106.72	19.64

26 52 13 13-0017 Industrial Emergency Lights *(26 52 13 13)*

26 52 13 13-0018 Painted Steel Housing, Industrial Emergency Lights *(26 52 13 13-0017)*

26 52 13 13-0019 Painted Steel Housing, Industrial Emergency Lights *(26 52 13 13-0018)*

Note: Includes lead-calcium batteries and two adjustable lamp heads.

26 52 13 13-0020	EA	16 Max Wattage At 90 Minutes, 6 Volt, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT16)	467.22	32.74
		For Wireguard, Add	*241.72*	
26 52 13 13-0021	EA	24 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT24)	390.89	32.74
		For Wireguard, Add	*241.72*	
26 52 13 13-0022	EA	36 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT36)	613.97	32.74
		For Wireguard, Add	*241.72*	
26 52 13 13-0023	EA	50 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT50)	652.47	32.74
		For Wireguard, Add	*241.72*	
26 52 13 13-0024	EA	125 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT125)	934.81	32.74
		For Wireguard, Add	*257.45*	
26 52 13 13-0025	EA	275 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT275)	1,474.93	32.74
		For Wireguard, Add	*257.45*	

26 52 13 13-0026 Remote Heads For Painted Steel Housing, Industrial Emergency Lights *(26 52 13 13-0018)*

Note: For use with fixtures that have remote capability.

26 52 13 13-0027	EA	8 Watt, 6 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N0806)	135.71	19.64
		For Wireguard, Add	*195.07*	
26 52 13 13-0028	EA	12 Watt, 6 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1206)	140.51	19.64
		For Wireguard, Add	*195.07*	
26 52 13 13-0029	EA	8 Watt, 12 Volt, Thermoplastic Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA H0812)	136.38	19.64
		For Wireguard, Add	*195.07*	
26 52 13 13-0030	EA	12 Watt, 12 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1212)	137.16	19.64
		For Wireguard, Add	*195.07*	
26 52 13 13-0031	EA	12 Watt, 25 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N2512)	140.51	19.64
		For Wireguard, Add	*195.07*	
26 52 13 13-0032	EA	12 Watt, 25 Volt, Aluminum Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA MT N2512)	164.83	19.64
		For Wireguard, Add	*195.07*	

26 52 13 13-0033 Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights *(26 52 13 13-0017)*

26 52 13 13-0034 Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights *(26 52 13 13-0033)*

Note: Includes lead-calcium batteries and two adjustable lamp heads.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 13-0035	EA	18 Max Wattage At 90 Minutes, 6 Volt, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND618)	461.09	32.74
		For Wireguard, Add	*235.02*	
		For Self-Diagnostics, Add	*105.50*	
26 52 13 13-0036	EA	36 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND1236)	501.82	32.74
		For Wireguard, Add	*235.02*	
		For Self-Diagnostics, Add	*105.50*	
26 52 13 13-0037	EA	54 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND654)	490.66	32.74
		For Wireguard, Add	*235.02*	
		For Self-Diagnostics, Add	*105.50*	
26 52 13 13-0038	EA	54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND1254)	519.12	32.74
		For Wireguard, Add	*235.02*	
		For Self-Diagnostics, Add	*105.50*	
26 52 13 13-0039	EA	100 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND12100)	879.57	32.74
		For Wireguard, Add	*235.02*	
		For Self-Diagnostics, Add	*105.50*	
26 52 13 13-0040	EA	18 Max Wattage At 90 Minutes, 6 Volt, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX618)	689.30	32.74
		For Wireguard, Add	*235.02*	
		For Self-Diagnostics, Add	*61.50*	
26 52 13 13-0041	EA	36 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX1236)	773.00	32.74
		For Wireguard, Add	*235.02*	
		For Self-Diagnostics, Add	*61.50*	
26 52 13 13-0042	EA	54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX1254)	815.40	32.74
		For Wireguard, Add	*235.02*	
		For Self-Diagnostics, Add	*61.50*	

26 52 13 13-0043 Remote Heads For Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights *(26 52 13 13-0033)*

Note: For use with fixtures that have remote capability.

26 52 13 13-0044	EA	9 Watt, 6 Volt, Heavyweight Polycarbonate Housing, Krypton Lamp, Emergency Light Remote Head (Lithonia ELA IND K0906)	117.30	19.64
26 52 13 13-0045	EA	12 Watt, 6 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H1206)	127.00	19.64
26 52 13 13-0046	EA	9 Watt, 12 Volt, Heavyweight Polycarbonate Housing, Krypton Lamp, Emergency Light Remote Head (Lithonia ELA IND K0912)	117.41	19.64
26 52 13 13-0047	EA	12 Watt, 12 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H1212)	124.55	19.64
26 52 13 13-0048	EA	12 Watt, 20 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H2012)	106.20	19.64

26 52 13 13-0049 Outdoor Emergency Lights *(26 52 13 13)*

26 52 13 13-0050 Gasketed Die-Cast Aluminum Housing, Outdoor Emergency Lights *(26 52 13 13-0049)*

Note: Includes nickel-cadmium batteries.

26 52 13 13-0051	EA	10 Max Wattage At 90 Minutes, LED Lamps, Gasketed Aluminum Die-Cast Housing, Outdoor Emergency Light (Dual-Lite PG Series)	730.03	32.74
26 52 13 13-0052	EA	10 Max Wattage At 90 Minutes, LED Lamps, Gasketed Aluminum Die-Cast Housing, Outdoor Emergency Light With Heater (Dual-Lite PG Series)	872.32	32.74

26 52 13 13-0053 Recessed Emergency Lights *(26 52 13 13)*

26 52 13 13-0054	EA	10 Watt At 90 Minutes, 6 Volt, Halogen Lamp, 8" Round, Recessed High-Hat Emergency Light (Lithonia ELRG)	796.35	32.74
		For Wire Guard, Add	*60.00*	
26 52 13 13-0055	EA	16 Max Wattage At 90 Minutes, 6 Volt, 12" x 12" Polycarbonate Housing, Glass Sealed-Beam Lamps, Recessed Emergency Light (Lithonia ELR2)	622.23	65.48
		Note: Includes lead-calcium batteries and two adjustable lamp heads.		
		For Wireguard, Add	*257.45*	
26 52 13 13-0056	EA	50 Max Wattage At 90 Minutes, 12 Volt, 12" x 12" Polycarbonate Housing, Glass Sealed-Beam Lamps, Recessed Emergency Light (Lithonia ELR4)	897.99	65.48
		Note: Includes lead-calcium batteries and two adjustable lamp heads.		
		For Wireguard, Add	*257.45*	

26 52 13 13-0057 Square Wraparound Emergency Lights *(26 52 13 13)*

26 52 13 13-0058	EA	10 Max Wattage At 90 Minutes, 6 Volt, Halogen Lamp, 10-5/16" x 10-5/16" Lexan Frame, Square Wraparound Emergency Light (Lithonia ELSQ)	361.42	32.74

26 52 13 16 Exit Signs *(26 52 13)*

Note: Excludes pendants.

26 52 13 16-0001 LED Exit Signs *(26 52 13 16)*

Note: Includes red LED lamps.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 16-0002	EA	Single Face, Thermoplastic Housing, LED Exit Sign (Lithonia LQM-S-W-3-R-120/277-M6)	208.59	47.87
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-7.61*	
		For >100 To 250, Deduct	*-12.82*	
		For >250 To 500, Deduct	*-20.86*	
		For >500, Deduct	*-28.90*	
26 52 13 16-0003	EA	Double Face, Thermoplastic Housing, LED Exit Sign (Lithonia LQM-S-W-3-R-120/277-M6)	208.59	47.87
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-7.61*	
		For >100 To 250, Deduct	*-12.82*	
		For >250 To 500, Deduct	*-20.86*	
		For >500, Deduct	*-28.90*	
26 52 13 16-0004	EA	Single Face, Thermoplastic Housing, LED Exit Sign With Battery Back-Up (Lithonia LQM-S-W-3-R-120/277-EL-N-M6)	293.01	47.87
		For Self-Diagnostics, Add	*50.00*	
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-9.72*	
		For >100 To 250, Deduct	*-17.04*	
		For >250 To 500, Deduct	*-29.30*	
		For >500, Deduct	*-41.56*	
26 52 13 16-0005	EA	Double Face, Thermoplastic Housing, LED Exit Sign With Battery Back-Up (Lithonia LQM ELN)	293.01	47.87
		For Self-Diagnostics, Add	*50.00*	
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-9.72*	
		For >100 To 250, Deduct	*-17.04*	
		For >250 To 500, Deduct	*-29.30*	
		For >500, Deduct	*-41.56*	
26 52 13 16-0006	EA	Single Face, Die-Cast Aluminum Housing, LED Exit Sign (Lithonia LQC-W-1-R)	323.17	47.87
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-10.47*	
		For >100 To 250, Deduct	*-18.55*	
		For >250 To 500, Deduct	*-32.32*	
		For >500, Deduct	*-46.08*	
26 52 13 16-0007	EA	Double Face, Die-Cast Aluminum Housing, LED Exit Sign (Lithonia LQC-W-2-R)	367.17	47.87
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-11.57*	
		For >100 To 250, Deduct	*-20.75*	
		For >250 To 500, Deduct	*-36.72*	
		For >500, Deduct	*-52.68*	
26 52 13 16-0008	EA	Single Face, Die-Cast Aluminum Housing, LED Exit Sign With Battery Back-Up (Lithonia LQC-W-1-R-EL-N)	304.78	47.87
		For Self-Diagnostics, Add	*50.00*	
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-10.01*	
		For >100 To 250, Deduct	*-17.63*	
		For >250 To 500, Deduct	*-30.48*	
		For >500, Deduct	*-43.32*	
26 52 13 16-0009	EA	Double Face, Die-Cast Aluminum Housing, LED Exit Sign With Battery Back-Up (Lithonia LQC-W-2-R-EL-N)	336.72	47.87
		For Self-Diagnostics, Add	*50.00*	
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-10.81*	
		For >100 To 250, Deduct	*-19.23*	
		For >250 To 500, Deduct	*-33.67*	
		For >500, Deduct	*-48.11*	
26 52 13 16-0010	EA	Single Face, Thermoplastic Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Lithonia LHQM-S-W-3-R-M4) Note: Includes two circular side mounted krypton emergency lights.	387.59	47.87
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-12.96*	
		For >100 To 250, Deduct	*-22.65*	
		For >250 To 500, Deduct	*-38.76*	
		For >500, Deduct	*-54.86*	
26 52 13 16-0011	EA	Single Face, Thermoplastic Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Lithonia LHQM-LED-R-M6) Note: Includes two circular side mounted LED emergency lights.	354.65	47.87
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-12.14*	
		For >100 To 250, Deduct	*-21.01*	
		For >250 To 500, Deduct	*-35.47*	
		For >500, Deduct	*-49.92*	
26 52 13 16-0012	EA	Single Face, Powder Coated Steel Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Big Beam COM-PH) Note: Includes two rectangular front mounted high intensity tungsten emergency lights.	487.23	47.87
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-15.45*	
		For >100 To 250, Deduct	*-27.64*	
		For >250 To 500, Deduct	*-48.72*	
		For >500, Deduct	*-69.81*	
26 52 13 16-0013	EA	Single Face, Powder Coated Steel Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Big Beam COM) Note: Includes two circular side mounted PAR 36 emergency lights.	510.42	47.87
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-16.03*	
		For >100 To 250, Deduct	*-28.80*	
		For >250 To 500, Deduct	*-51.04*	
		For >500, Deduct	*-73.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 16-0014	EA	Single Or Double Face, Polycarbonate Housing, LED Emergency Exit Sign (Eaton Lighting APX6R)	137.49	47.87
		For >50 To 100, Deduct	*-5.83*	
		For >100 To 250, Deduct	*-9.27*	
		For >250 To 500, Deduct	*-13.75*	
		For >500, Deduct	*-18.23*	
26 52 13 16-0015	EA	120-277 Volt, LED Emergency Exit Sign With Nickel Cadmium Battery, Red (Cooper Industries APX7R)	138.03	47.87
		For >50 To 100, Deduct	*-5.84*	
		For >100 To 250, Deduct	*-9.30*	
		For >250 To 500, Deduct	*-13.80*	
		For >500, Deduct	*-18.31*	

26 52 13 16-0016 Edge-Lit LED Exit Signs *(26 52 13 16)*

Note: Includes red LED lamps.

26 52 13 16-0017	EA	Single Face, Edge-Lit LED Exit Sign (Lithonia EDG-1- R-M6)	287.63	47.87
		For Green LED Lamps, Add	*40.00*	
		For >50 To 100, Deduct	*-9.58*	
		For >100 To 250, Deduct	*-16.78*	
		For >250 To 500, Deduct	*-28.76*	
		For >500, Deduct	*-40.75*	
26 52 13 16-0018	EA	Double Face, Edge-Lit LED Exit Sign (Lithonia EDG-2-R-M6)	290.68	47.87
		For Green LED Lamps, Add	*40.00*	
		For >50 To 100, Deduct	*-9.66*	
		For >100 To 250, Deduct	*-16.93*	
		For >250 To 500, Deduct	*-29.07*	
		For >500, Deduct	*-41.21*	
26 52 13 16-0019	EA	Single Face, Edge-Lit LED Exit Sign With Battery Back-Up (Lithonia EDG-1-R-EL-M6)	311.29	47.87
		For Self-Diagnostics, Add	*50.00*	
		For Green LED Lamps, Add	*40.00*	
		For >50 To 100, Deduct	*-10.18*	
		For >100 To 250, Deduct	*-17.96*	
		For >250 To 500, Deduct	*-31.13*	
		For >500, Deduct	*-44.30*	
26 52 13 16-0020	EA	Double Face, Edge-Lit LED Exit Sign With Battery Back-Up (Lithonia EDG-2-R-EL-M6)	372.89	47.87
		For Self-Diagnostics, Add	*50.00*	
		For Green LED Lamps, Add	*40.00*	
		For >50 To 100, Deduct	*-11.72*	
		For >100 To 250, Deduct	*-21.04*	
		For >250 To 500, Deduct	*-37.29*	
		For >500, Deduct	*-53.54*	

26 52 13 16-0021 Self-Luminous Tritium Exit Signs *(26 52 13 16)*

Note: Includes red or green tritium filled pyrex glass light tubes with phosphor coating.

26 52 13 16-0022	EA	10 Year, Single Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-S-10-R)	618.01	47.87
		For >50 To 100, Deduct	*-17.84*	
		For >100 To 250, Deduct	*-33.29*	
		For >250 To 500, Deduct	*-61.80*	
		For >500, Deduct	*-90.31*	
26 52 13 16-0023	EA	10 Year, Double Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-D-10-R)	1,139.72	47.87
		For >50 To 100, Deduct	*-30.89*	
		For >100 To 250, Deduct	*-59.38*	
		For >250 To 500, Deduct	*-113.97*	
		For >500, Deduct	*-168.56*	
26 52 13 16-0024	EA	20 Year, Single Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-S-20-R)	736.86	47.87
		For >50 To 100, Deduct	*-20.82*	
		For >100 To 250, Deduct	*-39.24*	
		For >250 To 500, Deduct	*-73.69*	
		For >500, Deduct	*-108.14*	
26 52 13 16-0025	EA	20 Year, Double Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-D-20-R)	1,235.13	47.87
		For >50 To 100, Deduct	*-33.27*	
		For >100 To 250, Deduct	*-64.15*	
		For >250 To 500, Deduct	*-123.51*	
		For >500, Deduct	*-182.88*	
26 52 13 16-0026	EA	10 Year, Single Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-01-10-R)	677.15	47.87
		For >50 To 100, Deduct	*-19.32*	
		For >100 To 250, Deduct	*-36.25*	
		For >250 To 500, Deduct	*-67.72*	
		For >500, Deduct	*-99.18*	
26 52 13 16-0027	EA	10 Year, Double Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-07-10-R)	1,235.13	47.87
		For >50 To 100, Deduct	*-33.27*	
		For >100 To 250, Deduct	*-64.15*	
		For >250 To 500, Deduct	*-123.51*	
		For >500, Deduct	*-182.88*	
26 52 13 16-0028	EA	20 Year, Single Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-01-20-R)	831.71	47.87
		For >50 To 100, Deduct	*-23.19*	
		For >100 To 250, Deduct	*-43.98*	
		For >250 To 500, Deduct	*-83.17*	
		For >500, Deduct	*-122.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 16-0029	EA	20 Year, Double Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-07-20-R)	1,534.21	47.87
		For >50 To 100, Deduct	*-40.75*	
		For >100 To 250, Deduct	*-79.10*	
		For >250 To 500, Deduct	*-153.42*	
		For >500, Deduct	*-227.74*	

26 52 13 16-0030 Vandal-Resistant LED Exit Signs *(26 52 13 16)*

Note: Includes red LED lamps.

26 52 13 16-0031	EA	Single Face, Aluminum Housing, Vandal-Resistant/Wet Location, LED Exit Sign (Lithonia LV-S-W-1-R-120/277)	582.85	47.87
		For >50 To 100, Deduct	*-16.96*	
		For >100 To 250, Deduct	*-31.54*	
		For >250 To 500, Deduct	*-58.29*	
		For >500, Deduct	*-85.03*	
26 52 13 16-0032	EA	Single Face, Aluminum Housing, Vandal-Resistant/Wet Location, LED Exit Sign With Battery Backup (Lithonia LV-S-W-1-R-120/277-EL-N)	905.92	47.87
		For >50 To 100, Deduct	*-25.04*	
		For >100 To 250, Deduct	*-47.69*	
		For >250 To 500, Deduct	*-90.59*	
		For >500, Deduct	*-133.49*	
26 52 13 16-0033	EA	Single Face, Aluminum Housing, NEMA 4X, Vandal-Resistant/Wet Location, LED Exit Sign With Battery Backup (Lithonia LV-S-1-R-120/277-EL-N-UM-4X)	1,104.01	47.87
		For >50 To 100, Deduct	*-29.99*	
		For >100 To 250, Deduct	*-57.59*	
		For >250 To 500, Deduct	*-110.40*	
		For >500, Deduct	*-163.21*	

26 52 13 16-0034 Removal And Reinstallation Of Exit Light Fixture *(26 52 13 16)*

26 52 13 16-0035	EA	Removal And Reinstall Of Exit Light Fixtures Note: Includes storage and cleaning.	98.22	
		For >50 To 100, Deduct	*-4.91*	
		For >100 To 250, Deduct	*-7.37*	
		For >250 To 500, Deduct	*-9.82*	
		For >500, Deduct	*-12.28*	

26 52 13 16-0036 Exit Sign Accessories *(26 52 13 16)*

26 52 13 16-0037	EA	Polycarbonate Vandal Shield For Exit Signs (Radiant-Lite BG-1)	137.80	13.12
		For >50 To 100, Deduct	*-4.10*	
		For >100 To 250, Deduct	*-7.55*	
		For >250 To 500, Deduct	*-13.78*	
		For >500, Deduct	*-20.01*	
26 52 13 16-0038	EA	Wire Guard For Exit Signs Or Emergency Lights (Best Lighting Products WG-1)	80.05	13.12
		For >50 To 100, Deduct	*-2.66*	
		For >100 To 250, Deduct	*-4.66*	
		For >250 To 500, Deduct	*-8.01*	
		For >500, Deduct	*-11.35*	
26 52 13 16-0039	EA	Wire Guard For Combination Exit Sign And Emergency Light (Best Lighting Products WG-3)	128.63	10.50
		For >50 To 100, Deduct	*-3.74*	
		For >100 To 250, Deduct	*-6.96*	
		For >250 To 500, Deduct	*-12.86*	
		For >500, Deduct	*-18.77*	
26 52 13 16-0040	EA	Removal And Replacement Of Battery For Exit Signs Note: Battery: nickel cadmium, 1.2 volt, 1 Ah battery capacity	137.57	
		For >50 To 100, Deduct	*-4.26*	
		For >100 To 250, Deduct	*-7.70*	
		For >250 To 500, Deduct	*-13.76*	
		For >500, Deduct	*-19.82*	

26 54 Classified Location Lighting *(26 50)*

26 54 19 LED Classified Location Lighting *(26 54)*

26 54 19 00-0001 Class I Division 2, Hazardous Location, LED Fixtures *(26 54 19)*

26 54 19 00-0002 Class I Division 2, Hazardous Location, NEMA 4X, LED Floodlight (Cooper Champ® FMV) *(26 54 19 00-0001)*

Note: Includes 5,600K CRI LED arrays, shatter resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 54 19 00-0003	EA	5,183 Lumens, 45 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV5L)	2,794.23	107.68
		For Bolt-On Visor, Add	*106.99*	
		For Bolt-On Wire Guard, Add	*220.06*	
		For 480 Volt, Add	*188.41*	
		For Warm White Color Rendering, Add	*80.00*	
		For >50 To 100, Deduct	*-74.34*	
		For >100 To 250, Deduct	*-144.20*	
		For >250 To 500, Deduct	*-279.42*	
		For >500, Deduct	*-414.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 54 19 00-0004	EA	7,095 Lumens, 62 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV7L)	3,422.50	114.87
		For Bolt-On Visor, Add	*106.99*	
		For Bolt-On Wire Guard, Add	*220.06*	
		For 480 Volt, Add	*188.41*	
		For Warm White Color Rendering, Add	*80.00*	
		For >50 To 100, Deduct	*-90.35*	
		For >100 To 250, Deduct	*-175.91*	
		For >250 To 500, Deduct	*-342.25*	
		For >500, Deduct	*-508.59*	
26 54 19 00-0005	EA	9,132 Lumens, 79 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV9L)	3,865.93	122.05
		For Bolt-On Visor, Add	*106.99*	
		For Bolt-On Wire Guard, Add	*220.06*	
		For 480 Volt, Add	*188.41*	
		For Warm White Color Rendering, Add	*80.00*	
		For >50 To 100, Deduct	*-101.73*	
		For >100 To 250, Deduct	*-198.38*	
		For >250 To 500, Deduct	*-386.59*	
		For >500, Deduct	*-574.80*	
26 54 19 00-0006	EA	11,107 Lumens, 99 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV11L)	4,321.66	129.22
		For Bolt-On Visor, Add	*106.99*	
		For Bolt-On Wire Guard, Add	*220.06*	
		For 480 Volt, Add	*188.41*	
		For Warm White Color Rendering, Add	*80.00*	
		For >50 To 100, Deduct	*-113.43*	
		For >100 To 250, Deduct	*-221.47*	
		For >250 To 500, Deduct	*-432.17*	
		For >500, Deduct	*-642.86*	

26 54 19 00-0007 Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Vaporgard™ V2LC) *(26 54 19 00-0001)*

Note: Includes 5,600K CRI LED arrays, heat resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 54 19 00-0008	EA	1,600 Lumens, 25 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Vaporgard™ V2LC)	1,651.41	100.51
		For 12/24 Volt DC Driver, Add	*30.41*	
		For Frosted Lens, Add	*62.14*	
		For Warm White Color Temperature LEDs, Add	*80.00*	
		For 55 Degree Ambient Suitability (AC Only) Option, Add	*41.40*	
		For Stanchion Mount, Add	*256.35*	
		For Ceiling Mount, Add	*102.79*	
		For Wall Mount, Add	*150.05*	
		For Teflon Coated Lens, Add	*131.89*	
		For Wall Mount With Junction Box, Add	*219.09*	
		For >50 To 100, Deduct	*-45.47*	
		For >100 To 250, Deduct	*-86.76*	
		For >250 To 500, Deduct	*-165.14*	
		For >500, Deduct	*-243.52*	

26 54 19 00-0009 Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV) *(26 54 19 00-0001)*

Note: Includes 5,600K CRI LED arrays, heat and impact resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 54 19 00-0010	EA	3,240 Lumens, 47 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV3L)	2,626.23	100.51
		For Ceiling Mount, Add	*19.67*	
		For Quick Clip Mounting Option, Add	*28.90*	
		For Frosted Lens, Add	*62.14*	
		For Warm White Color Rendering, Add	*80.00*	
		For Polycarbonate Lens, Add	*115.18*	
		For 480 Volt, Add	*188.41*	
		For >50 To 100, Deduct	*-69.84*	
		For >100 To 250, Deduct	*-135.50*	
		For >250 To 500, Deduct	*-262.62*	
		For >500, Deduct	*-389.75*	
26 54 19 00-0011	EA	3,778 Lumens, 63 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV5L)	2,908.94	107.68
		For Ceiling Mount, Add	*19.67*	
		For Quick Clip Mounting Option, Add	*28.90*	
		For Frosted Lens, Add	*62.14*	
		For Warm White Color Rendering, Add	*80.00*	
		For Polycarbonate Lens, Add	*115.18*	
		For 480 Volt, Add	*188.41*	
		For >50 To 100, Deduct	*-77.21*	
		For >100 To 250, Deduct	*-149.93*	
		For >250 To 500, Deduct	*-290.89*	
		For >500, Deduct	*-431.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 54 19 00-0012	EA	6,340 Lumens, 98 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV7L)	3,259.57	114.87
		For Ceiling Mount, Add	*19.67*	
		For Quick Clip Mounting Option, Add	*28.90*	
		For Frosted Lens, Add	*62.14*	
		For Warm White Color Rendering, Add	*80.00*	
		For Polycarbonate Lens, Add	*115.18*	
		For 480 Volt, Add	*188.41*	
		For >50 To 100, Deduct	*-86.28*	
		For >100 To 250, Deduct	*-167.76*	
		For >250 To 500, Deduct	*-325.96*	
		For >500, Deduct	*-484.15*	
26 54 19 00-0013	EA	6,340 Lumens, 98 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV9L)	4,247.43	122.05
		For Ceiling Mount, Add	*19.67*	
		For Quick Clip Mounting Option, Add	*28.90*	
		For Frosted Lens, Add	*62.14*	
		For Warm White Color Rendering, Add	*80.00*	
		For Polycarbonate Lens, Add	*115.18*	
		For 480 Volt, Add	*188.41*	
		For >50 To 100, Deduct	*-111.27*	
		For >100 To 250, Deduct	*-217.46*	
		For >250 To 500, Deduct	*-424.74*	
		For >500, Deduct	*-632.03*	
26 54 19 00-0014	EA	9,720 Lumens, 137 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV11L)	4,873.44	129.22
		For Ceiling Mount, Add	*19.67*	
		For Quick Clip Mounting Option, Add	*28.90*	
		For Frosted Lens, Add	*62.14*	
		For Warm White Color Rendering, Add	*80.00*	
		For Polycarbonate Lens, Add	*115.18*	
		For 480 Volt, Add	*188.41*	
		For >50 To 100, Deduct	*-127.22*	
		For >100 To 250, Deduct	*-249.06*	
		For >250 To 500, Deduct	*-487.34*	
		For >500, Deduct	*-725.63*	

26 54 19 00-0015 Class I Division 1, Explosion Proof, LED Fixtures *(26 54 19)*

26 54 19 00-0016 Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL) *(26 54 19 00-0015)*

Note: Includes 5,600K CRI LED arrays, shatter resistant and explosion proof glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 54 19 00-0017	EA	5,625 Lumens, 80 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL5L)	7,117.71	107.68
		For Wall Mount, Deduct	*-27.79*	
		For Warm Color Temperature LEDs, Add	*149.63*	
		For Stainless Steel Guard, Add	*268.59*	
		For Ceiling Mount, Add	*324.01*	
		For Stanchion Mount, Add	*377.09*	
		For Yoke Mount, Add	*942.72*	
		For >50 To 100, Deduct	*-182.43*	
		For >100 To 250, Deduct	*-360.37*	
		For >250 To 500, Deduct	*-711.77*	
		For >500, Deduct	*-1,063.17*	
26 54 19 00-0018	EA	6,750 Lumens, 100 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL7L)	8,678.53	114.87
		For Wall Mount, Deduct	*-27.79*	
		For Warm Color Temperature LEDs, Add	*149.63*	
		For Stainless Steel Guard, Add	*268.59*	
		For Ceiling Mount, Add	*324.01*	
		For Stanchion Mount, Add	*377.09*	
		For Yoke Mount, Add	*942.72*	
		For >50 To 100, Deduct	*-221.75*	
		For >100 To 250, Deduct	*-438.71*	
		For >250 To 500, Deduct	*-867.85*	
		For >500, Deduct	*-1,296.99*	
26 54 19 00-0019	EA	9,000 Lumens, 130 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL9L)	10,098.76	122.05
		For Wall Mount, Deduct	*-27.79*	
		For Warm Color Temperature LEDs, Add	*149.63*	
		For Stainless Steel Guard, Add	*268.59*	
		For Ceiling Mount, Add	*324.01*	
		For Stanchion Mount, Add	*377.09*	
		For Yoke Mount, Add	*942.72*	
		For >50 To 100, Deduct	*-257.55*	
		For >100 To 250, Deduct	*-510.02*	
		For >250 To 500, Deduct	*-1,009.88*	
		For >500, Deduct	*-1,509.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 54 19 00-0020	EA	10,500 Lumens, 151 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL11L)	11,545.25	129.22
		For Wall Mount, Deduct	*-27.79*	
		For Warm Color Temperature LEDs, Add	*149.63*	
		For Stainless Steel Guard, Add	*268.59*	
		For Ceiling Mount, Add	*324.01*	
		For Stanchion Mount, Add	*377.09*	
		For Yoke Mount, Add	*942.72*	
		For >50 To 100, Deduct	*-294.02*	
		For >100 To 250, Deduct	*-582.65*	
		For >250 To 500, Deduct	*-1,154.53*	
		For >500, Deduct	*-1,726.40*	
26 54 19 00-0021	EA	13,500 Lumens, 175 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL13L)	13,397.18	124.44
		For Wall Mount, Deduct	*-27.79*	
		For Warm Color Temperature LEDs, Add	*149.63*	
		For Stainless Steel Guard, Add	*268.59*	
		For Ceiling Mount, Add	*324.01*	
		For Stanchion Mount, Add	*377.09*	
		For Yoke Mount, Add	*942.72*	
		For >50 To 100, Deduct	*-340.61*	
		For >100 To 250, Deduct	*-675.54*	
		For >250 To 500, Deduct	*-1,339.72*	
		For >500, Deduct	*-2,003.89*	

26 55 Special Purpose Lighting *(26 50)*

26 55 13 Landscape Lighting *(26 55)*

26 55 13 00-0001 Bollards *(26 55 13)*
Note: Excludes concrete base.

26 55 13 00-0002 Aluminum Architectural Bollards *(26 55 13 00-0001)*

26 55 13 00-0003 High Pressure Sodium, Aluminum Architectural Bollards *(26 55 13 00-0002)*

26 55 13 00-0004 Square, High Pressure Sodium, Aluminum Architectural Bollards *(26 55 13 00-0003)*

26 55 13 00-0005	EA	24" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,679.59	111.32
26 55 13 00-0006	EA	30" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,692.68	117.86
26 55 13 00-0007	EA	36" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,705.78	124.41
26 55 13 00-0008	EA	42" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,578.18	130.96
26 55 13 00-0009	EA	24" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,679.59	111.32
26 55 13 00-0010	EA	30" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,692.68	117.86
26 55 13 00-0011	EA	36" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,705.78	124.41
26 55 13 00-0012	EA	42" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,578.18	130.96
26 55 13 00-0013	EA	24" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,679.59	111.32
26 55 13 00-0014	EA	30" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,692.68	117.86
26 55 13 00-0015	EA	36" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,705.78	124.41
26 55 13 00-0016	EA	42" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,578.18	130.96
26 55 13 00-0017	EA	24" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,679.59	111.32
26 55 13 00-0018	EA	30" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,692.68	117.86
26 55 13 00-0019	EA	36" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,705.78	124.41
26 55 13 00-0020	EA	42" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,578.18	130.96

26 55 13 00-0021 Round, High Pressure Sodium, Aluminum Architectural Bollards *(26 55 13 00-0003)*

26 55 13 00-0022	EA	24" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,614.99	111.32
26 55 13 00-0023	EA	30" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,628.08	117.86
26 55 13 00-0024	EA	36" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,641.18	124.41
26 55 13 00-0025	EA	42" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,512.98	130.96
26 55 13 00-0026	EA	24" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,614.99	111.32
26 55 13 00-0027	EA	30" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,628.08	117.86
26 55 13 00-0028	EA	36" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,641.18	124.41
26 55 13 00-0029	EA	42" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,512.98	130.96
26 55 13 00-0030	EA	24" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,614.99	111.32
26 55 13 00-0031	EA	30" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,628.08	117.86
26 55 13 00-0032	EA	36" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,641.18	124.41
26 55 13 00-0033	EA	42" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,512.98	130.96
26 55 13 00-0034	EA	24" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,614.99	111.32
26 55 13 00-0035	EA	30" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,628.08	117.86
26 55 13 00-0036	EA	36" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,641.18	124.41
26 55 13 00-0037	EA	42" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,512.98	130.96

26 55 13 00-0038 Metal Halide, Aluminum Architectural Bollards *(26 55 13 00-0002)*

26 55 13 00-0039 Square, Metal Halide, Aluminum Architectural Bollards *(26 55 13 00-0038)*

26 55 13 00-0040	EA	24" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,763.48	111.32
26 55 13 00-0041	EA	30" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,776.57	117.86
26 55 13 00-0042	EA	36" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,789.67	124.41
26 55 13 00-0043	EA	42" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,661.48	130.96
26 55 13 00-0044	EA	24" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,763.48	111.32
26 55 13 00-0045	EA	30" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,776.57	117.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 13 00-0046	EA	36" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,789.67	124.41
26 55 13 00-0047	EA	42" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,661.48	130.96
26 55 13 00-0048	EA	24" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,763.48	111.32
26 55 13 00-0049	EA	30" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,776.57	117.86
26 55 13 00-0050	EA	36" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,789.67	124.41
26 55 13 00-0051	EA	42" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,731.67	130.96
26 55 13 00-0052		**Round, Metal Halide, Aluminum Architectural Bollards** *(26 55 13 00-0038)*		
26 55 13 00-0053	EA	24" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,698.28	111.32
26 55 13 00-0054	EA	30" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,711.37	117.86
26 55 13 00-0055	EA	36" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,724.47	124.41
26 55 13 00-0056	EA	42" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,596.28	130.96
26 55 13 00-0057	EA	24" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,698.28	111.32
26 55 13 00-0058	EA	30" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,711.37	117.86
26 55 13 00-0059	EA	36" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,724.47	124.41
26 55 13 00-0060	EA	42" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,596.28	130.96
26 55 13 00-0061	EA	24" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,698.28	111.32
26 55 13 00-0062	EA	30" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,711.37	117.86
26 55 13 00-0063	EA	36" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,724.47	124.41
26 55 13 00-0064	EA	42" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,596.28	130.96
26 55 13 00-0065		**Compact Fluorescent, Aluminum Architectural Bollards** *(26 55 13 00-0002)*		
26 55 13 00-0066		**Square, Compact Fluorescent, Aluminum Architectural Bollards** *(26 55 13 00-0065)*		
26 55 13 00-0067	EA	24" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,672.23	111.32
26 55 13 00-0068	EA	30" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,685.32	117.86
26 55 13 00-0069	EA	36" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,698.42	124.41
26 55 13 00-0070	EA	42" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,572.15	130.96
26 55 13 00-0071	EA	24" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,672.23	111.32
26 55 13 00-0072	EA	30" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,685.32	117.86
26 55 13 00-0073	EA	36" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,698.42	124.41
26 55 13 00-0074	EA	42" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,572.15	130.96
26 55 13 00-0075	EA	24" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,672.23	111.32
26 55 13 00-0076	EA	30" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,685.32	117.86
26 55 13 00-0077	EA	36" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,698.42	124.41
26 55 13 00-0078	EA	42" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,572.15	130.96
26 55 13 00-0079		**Round, Compact Fluorescent, Aluminum Architectural Bollards** *(26 55 13 00-0065)*		
26 55 13 00-0080	EA	24" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,608.46	111.32
26 55 13 00-0081	EA	30" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,621.55	117.86
26 55 13 00-0082	EA	36" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,634.65	124.41
26 55 13 00-0083	EA	42" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,509.60	130.96
26 55 13 00-0084	EA	24" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,608.46	111.32
26 55 13 00-0085	EA	30" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,621.55	117.86
26 55 13 00-0086	EA	36" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,634.65	124.41
26 55 13 00-0087	EA	42" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,509.60	130.96
26 55 13 00-0088	EA	24" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,608.46	111.32
26 55 13 00-0089	EA	30" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,621.55	117.86
26 55 13 00-0090	EA	36" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,634.65	124.41
26 55 13 00-0091	EA	42" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,509.60	130.96
26 55 13 00-0092		**LED, Aluminum Architectural Bollards** *(26 55 13 00-0002)*		
26 55 13 00-0093		**Square, LED, Aluminum Architectural Bollards** *(26 55 13 00-0092)*		
26 55 13 00-0094	EA	24" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard	2,003.36	111.32
26 55 13 00-0095	EA	30" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard	2,016.45	117.86
26 55 13 00-0096	EA	36" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard	2,029.55	124.41
26 55 13 00-0097	EA	42" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard	1,905.04	130.96
26 55 13 00-0098	EA	24" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard	2,447.31	111.32
26 55 13 00-0099	EA	30" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard	2,460.40	117.86
26 55 13 00-0100	EA	36" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard	2,473.50	124.41
26 55 13 00-0101	EA	42" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard	2,346.78	130.96
26 55 13 00-0102		**Round, LED, Aluminum Architectural Bollards** *(26 55 13 00-0092)*		
26 55 13 00-0103	EA	24" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard	1,937.13	111.32
26 55 13 00-0104	EA	30" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard	1,950.22	117.86
26 55 13 00-0105	EA	36" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard	1,963.32	124.41
26 55 13 00-0106	EA	42" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard	1,836.60	130.96
26 55 13 00-0107	EA	24" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard	2,381.09	111.32
26 55 13 00-0108	EA	30" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard	2,394.18	117.86
26 55 13 00-0109	EA	36" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard	2,407.28	124.41
26 55 13 00-0110	EA	42" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard	2,281.34	130.96
26 55 13 00-0111		**Reinforced Concrete Bollards** *(26 55 13 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 13 00-0112	EA	48" Overall Height, 12" Diameter, LED Light, Reinforced Concrete Bollard	1,654.35	327.40
26 55 13 00-0113	EA	58" Overall Height, 18" Diameter, High Intensity Discharge (HID) Light, Reinforced Concrete Bollard	2,912.31	436.49
26 55 13 00-0114		**Low Voltage** *(26 55 13)*		
26 55 13 00-0115	EA	Low Voltage Recessed Uplight	874.94	238.35
26 55 13 00-0116	EA	Low Voltage Walkway	620.98	130.96
26 55 13 00-0117	EA	Low Voltage Malibu - 5 Light Set	610.81	174.83
26 55 13 00-0118	EA	Low Voltage Mushroom 24" Pier	529.58	130.96
26 55 13 00-0119		**Recessed, Adjustable** *(26 55 13)*		
26 55 13 00-0120	EA	150 Watt Incandescent Recessed, Adjustable	1,026.18	209.54
26 55 13 00-0121	EA	300 Watt Incandescent Recessed, Adjustable	1,124.11	209.54
26 55 13 00-0122		**Recessed, Uplight** *(26 55 13)*		
26 55 13 00-0123	EA	50 Watt Incandescent Recessed Uplight	915.20	209.54
26 55 13 00-0124	EA	150 Watt Incandescent Recessed Uplight	934.79	209.54
26 55 13 00-0125	EA	300 Watt Incandescent Recessed Uplight	993.54	209.54
26 55 13 00-0126	EA	500 Watt Quartz Recessed Uplight	987.01	209.54
26 55 13 00-0127	EA	5 Watt, LED Recessed Uplight	1,229.48	209.54
26 55 13 00-0128	EA	15 Watt, LED Recessed Uplight	1,353.17	209.54
26 55 13 00-0129		**Recessed Wall Light** *(26 55 13)*		
26 55 13 00-0130	EA	100 Watt Incandescent Recessed Wall Light	470.83	130.96
26 55 13 00-0131	EA	100 Watt Fluorescent Recessed Wall Light	451.24	130.96
26 55 13 00-0132	EA	100 Watt High Intensity Discharge (HID) Recessed Wall Light	734.85	174.83
26 55 13 00-0133		**Step Lights** *(26 55 13)*		
26 55 13 00-0134	EA	Incandescent Step Light	385.73	104.76
26 55 13 00-0135	EA	Fluorescent Step Light	451.09	104.76
26 55 13 00-0136	EA	5 Watt, LED Step Light	675.42	104.76
26 55 13 00-0137	EA	15 Watt, LED Step Light	807.35	104.76
26 55 13 00-0138		**Tree Lights, Surface Adjustable** *(26 55 13)*		
26 55 13 00-0139	EA	50 Watt Incandescent Tree Lights	819.72	174.83
26 55 13 00-0140	EA	100 Watt Incandescent Tree Lights	839.30	174.83
26 55 13 00-0141	EA	150 Watt Incandescent Tree Lights	1,046.11	261.92
26 55 16		**Walkway Lighting** *(26 55)*		
26 55 16 00-0001		**Incandescent Walkway** *(26 55 16)*		
26 55 16 00-0002	EA	Post Top 300 Watt Incandescent Walkway Fixture	424.27	121.79
26 55 16 00-0003		**Metal Halide Walkway** *(26 55 16)*		
26 55 16 00-0004	EA	Post Top 100 Watt Metal Halide Walkway Fixture	653.26	191.46
26 55 16 00-0005	EA	Post Top 150-175 Watt Metal Halide Walkway Fixture	690.71	198.41
26 55 16 00-0006	EA	Post Top 250 Watt Metal Halide Walkway Fixture	742.80	206.00
26 55 16 00-0007	EA	Post Top 400 Watt Metal Halide Walkway Fixture	796.02	222.64
26 55 16 00-0008	EA	Round Luminaries 100 Watt Metal Halide Walkway Fixture	711.28	206.00
26 55 16 00-0009	EA	Round Luminaries 150-175 Watt Metal Halide Walkway Fixture	713.90	191.46
26 55 16 00-0010	EA	Round Luminaries 250 Watt Metal Halide Walkway Fixture	728.56	198.41
26 55 16 00-0011	EA	Spherical 100 Watt Metal Halide Walkway Fixture	572.30	136.46
26 55 16 00-0012	EA	Spherical 150-175 Watt Metal Halide Walkway Fixture	603.83	136.46
26 55 16 00-0013	EA	Spherical 250 Watt Metal Halide Walkway Fixture	635.35	136.46
26 55 16 00-0014	EA	Spherical 400 Watt Metal Halide Walkway Fixture	717.21	153.61
26 55 16 00-0015	EA	Low Walkway 100 Watt Metal Halide Walkway Fixture	544.70	122.58
26 55 16 00-0016		**High Pressure Sodium Walkway** *(26 55 16)*		
26 55 16 00-0017	EA	Post Top 100 Watt High Pressure Sodium Walkway Fixture	594.12	191.46
26 55 16 00-0018	EA	Post Top 150-175 Watt High Pressure Sodium Walkway Fixture	626.43	198.41
26 55 16 00-0019	EA	Post Top 250 Watt High Pressure Sodium Walkway Fixture	670.40	206.00
26 55 16 00-0020	EA	Post Top 400 Watt High Pressure Sodium Walkway Fixture	719.33	222.64
26 55 16 00-0021	EA	Round Luminaries 100 Watt High Pressure Sodium Walkway Fixture	645.78	206.00
26 55 16 00-0022	EA	Round Luminaries 150-175 Watt High Pressure Sodium Walkway Fixture	641.50	191.46
26 55 16 00-0023	EA	Round Luminaries 250 Watt High Pressure Sodium Walkway Fixture	656.00	198.41
26 55 16 00-0024	EA	Spherical 100 Watt High Pressure Sodium Walkway Fixture	506.80	136.46
26 55 16 00-0025	EA	Spherical 175 150-Watt High Pressure Sodium Walkway Fixture	531.42	136.46
26 55 16 00-0026	EA	Spherical 250 Watt High Pressure Sodium Walkway Fixture	556.05	136.46
26 55 16 00-0027	EA	Spherical 400 Watt High Pressure Sodium Walkway Fixture	627.57	153.61
26 55 16 00-0028	EA	Low Walkway 100 Watt High Pressure Sodium Walkway Fixture	551.20	122.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 16 00-0029		Walkway, Adjustable *(26 55 16)*		
26 55 16 00-0030	EA	2' Fluorescent Adjustable Walkway Fixture	614.07	174.83
26 55 16 00-0031	EA	4' Fluorescent Adjustable Walkway Fixture	629.62	174.83
26 55 16 00-0032	EA	8' Fluorescent Adjustable Walkway Fixture	1,073.36	261.92
26 55 16 00-0033	EA	50 Watt Incandescent Adjustable Walkway Fixture	510.76	130.96
26 55 16 00-0034	EA	150 Watt Incandescent Adjustable Walkway Fixture	531.50	130.96
26 55 16 00-0035		Wall Or Post Mounted, Outdoor Area Lighting (Prisma Lighting) *(26 55 16)* Note: Excludes posts.		
26 55 16 00-0036	EA	42 Watt Compact Fluorescent, Wet Location, Aluminum Construction, Wall Luminaire (Prisma Nikko +45/G)	1,043.87	45.90
26 55 16 00-0037		LED Walkway *(26 55 16)*		
26 55 16 00-0038		LED Pathway Fixtures (CREE® BetaLED® Edge® PWY-EDG) *(26 55 16 00-0037)* Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 55 16 00-0039	EA	13" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	861.71	100.51
		For Multi-Level Drive Currents, Add	*219.88*	
26 55 16 00-0040	EA	18" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	888.41	100.51
		For Multi-Level Drive Currents, Add	*219.88*	
26 55 16 00-0041	EA	36" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	935.53	100.51
		For Multi-Level Drive Currents, Add	*219.88*	
26 55 16 00-0042	EA	42" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	971.65	100.51
		For Multi-Level Drive Currents, Add	*219.88*	
26 55 16 00-0043	EA	96" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	1,121.61	129.22
		For Multi-Level Drive Currents, Add	*219.88*	
26 55 16 00-0044		Wall Mounted Walkway Lighting *(26 55 16 00-0037)*		
26 55 16 00-0045	EA	Wall Mounted Lantern With LED Kit, No. PDEX-Bracket (Herwig P-492) Note: Type Fixture 17 as Post	4,729.12	
26 55 16 00-0046		Pole Mounted Walkway Lighting *(26 55 16 00-0037)*		
26 55 16 00-0047	EA	43-1/2" Height x 19" Diameter, LED Post Lantern (Herwig AP-27)	4,364.78	
26 55 16 00-0048	EA	12' Tapered and Fluted Post (Herwig BRA Series, BRAJ-12) Note: Washers and nuts included	4,285.35	
26 55 29		**Underwater Lighting** *(26 55)*		
26 55 29 00-0001		Underwater Lights *(26 55 29)*		
26 55 29 00-0002	EA	150 Watt, 120 Volt Underwater Lights	676.87	87.09
26 55 29 00-0003	EA	300 Watt, 120 Volt Underwater Lights	755.21	87.09
26 55 29 00-0004	EA	1,000 Watt, 120 Volt Underwater Lights	1,861.36	130.96
26 55 29 00-0005	EA	50 Watt, 12 Volt Underwater Lights	709.51	87.09
26 55 29 00-0006	EA	300 Watt, 12 Volt Underwater Lights	800.91	87.09
26 55 29 00-0007	SET	Under Water Fountain Fixture, Set Of 6, 300 Watt, Incandescent	2,057.18	196.44
26 55 53		**Security Lighting** *(26 55)*		
26 55 53 11		**Security Flood Lighting** *(26 55 53)*		
26 55 53 11-0001		Flood Lights (General Electric Powerflood®) *(26 55 53 11)*		
26 55 53 11-0002		MPF (Small Size) Series GE Flood Lights *(26 55 53 11-0001)* Note: For perimeters, entrances, building facades and sign lighting. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. 1/2" threaded mounting knuckle.		
26 55 53 11-0003		High Pressure Sodium MPF Series GE Flood Lights *(26 55 53 11-0002)*		
26 55 53 11-0004	EA	70 Watt High Pressure Sodium MPF Series GE Flood Light	403.27	110.10
26 55 53 11-0005	EA	100 Watt High Pressure Sodium MPF Series GE Flood Light	406.93	110.10
26 55 53 11-0006	EA	150 Watt High Pressure Sodium MPF Series GE Flood Light	413.03	110.10
26 55 53 11-0007		Metal Halide MPF Series GE Flood Lights *(26 55 53 11-0002)*		
26 55 53 11-0008	EA	70 Watt Metal Halide MPF Series GE Flood Light	548.50	110.10
26 55 53 11-0009		P-154 (Small Size) Series GE Flood Lights *(26 55 53 11-0001)* Note: For parking lots, building security, building facades, recreation areas and sign lighting. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0010		High Pressure Sodium P-154 Series GE Flood Lights *(26 55 53 11-0009)*		
26 55 53 11-0011	EA	70 Watt High Pressure Sodium P-154 Series GE Flood Light	819.59	146.80
26 55 53 11-0012	EA	100 Watt High Pressure Sodium P-154 Series GE Flood Light	824.48	146.80
26 55 53 11-0013	EA	150 Watt High Pressure Sodium P-154 Series GE Flood Light	833.02	146.80
26 55 53 11-0014	EA	250 Watt High Pressure Sodium P-154 Series GE Flood Light	929.43	146.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0015	EA	400 Watt High Pressure Sodium P-154 Series GE Flood Light	957.50	146.80
26 55 53 11-0016		**Metal Halide P-154 Series GE Flood Lights** *(26 55 53 11-0009)*		
26 55 53 11-0017	EA	175 Watt Metal Halide P-154 Series GE Flood Light	811.05	146.80
26 55 53 11-0018	EA	250 Watt Metal Halide P-154 Series GE Flood Light	853.77	146.80
26 55 53 11-0019	EA	400 Watt Metal Halide P-154 Series GE Flood Light	875.73	146.80
26 55 53 11-0020		**PF-154 (Medium Size) Series GE Flood Lights** *(26 55 53 11-0001)*		
		Note: For parking lots, building security and building facades. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0021		**High Pressure Sodium PF-154 Series GE Flood Lights** *(26 55 53 11-0020)*		
26 55 53 11-0022	EA	70 Watt High Pressure Sodium PF-154 Series GE Flood Light	835.55	165.14
26 55 53 11-0023	EA	100 Watt High Pressure Sodium PF-154 Series GE Flood Light	841.65	165.14
26 55 53 11-0024	EA	150 Watt High Pressure Sodium PF-154 Series GE Flood Light	851.41	165.14
26 55 53 11-0025	EA	250 Watt High Pressure Sodium PF-154 Series GE Flood Light	946.61	165.14
26 55 53 11-0026	EA	400 Watt High Pressure Sodium PF-154 Series GE Flood Light	973.46	165.14
26 55 53 11-0027		**Metal Halide PF-154 GE Flood Lights** *(26 55 53 11-0020)*		
26 55 53 11-0028	EA	175 Watt Metal Halide PF-154 Series GE Flood Light	828.22	165.14
26 55 53 11-0029	EA	250 Watt Metal Halide PF-154 Series GE Flood Light	869.72	165.14
26 55 53 11-0030	EA	400 Watt Metal Halide PF-154 Series GE Flood Light	891.69	165.14
26 55 53 11-0031		**PF-400 (Medium Size) Series GE Flood Lights** *(26 55 53 11-0001)*		
		Note: For parking lots, building security, building facades, shipping yards and rail yards. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Formed aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0032		**High Pressure Sodium PF-400 Series GE Flood Lights** *(26 55 53 11-0031)*		
26 55 53 11-0033	EA	150 Watt High Pressure Sodium PF-400 Series GE Flood Light	1,123.57	165.14
26 55 53 11-0034	EA	200 Watt High Pressure Sodium PF-400 Series GE Flood Light	1,209.00	165.14
26 55 53 11-0035	EA	250 Watt High Pressure Sodium PF-400 Series GE Flood Light	1,202.90	165.14
26 55 53 11-0036	EA	400 Watt High Pressure Sodium PF-400 Series GE Flood Light	1,233.41	165.14
26 55 53 11-0037		**Metal Halide PF-400 GE Flood Lights** *(26 55 53 11-0031)*		
26 55 53 11-0038	EA	175 Watt Metal Halide PF-400 Series GE Flood Light	1,155.30	165.14
26 55 53 11-0039	EA	250 Watt Metal Halide PF-400 Series GE Flood Light	1,180.93	165.14
26 55 53 11-0040	EA	400 Watt Metal Halide PF-400 Series GE Flood Light	1,207.78	165.14
26 55 53 11-0041		**PF-1000 (Large Size) Series GE Flood Lights** *(26 55 53 11-0001)*		
		Note: For parking lots, industrial yards and sports stadiums. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Formed aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0042		**High Pressure Sodium PF-1000 Series GE Flood Lights** *(26 55 53 11-0041)*		
26 55 53 11-0043	EA	750 Watt High Pressure Sodium PF-1000 Series GE Flood Light	1,525.19	183.50
26 55 53 11-0044	EA	1,000 Watt High Pressure Sodium PF-1000 Series GE Flood Light	1,525.19	183.50
26 55 53 11-0045		**Metal Halide PF-1000 Series GE Flood Lights** *(26 55 53 11-0041)*		
26 55 53 11-0046	EA	1,000 Watt Metal Halide PF-1000 Series GE Flood Light	1,454.40	183.50
26 55 53 11-0047		**HLU/VLU (Medium Size) FRP Series GE Flood Lights** *(26 55 53 11-0001)*		
		Note: For parking lots, industrial yards, construction sites, recreation areas and facades. Includes corrosion resistant reinforced polyester housing and thermal shock resistant lens. Hydroformed aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0048		**High Pressure Sodium HLU/VLU FRP Series GE Flood Lights** *(26 55 53 11-0047)*		
26 55 53 11-0049	EA	250 Watt High Pressure Sodium HLU/VLU FRP Series GE Flood Light	1,240.74	165.14
26 55 53 11-0050	EA	400 Watt High Pressure Sodium HLU/VLU FRP Series GE Flood Light	1,263.92	165.14
26 55 53 11-0051		**Metal Halide HLU/VLU Series GE Flood Lights** *(26 55 53 11-0047)*		
26 55 53 11-0052	EA	400 Watt Metal Halide HLU/VLU FRP Series GE Flood Light	1,254.16	165.14
26 55 53 11-0053		**Accessories For Powerflood GE Flood Lights** *(26 55 53 11-0001)*		
26 55 53 11-0054	EA	Wireguard For Powerflood GE Flood Light	213.75	36.70
26 55 53 11-0055	EA	Polycarbonate Vandal Shield For Powerflood GE Flood Light	123.44	36.70
26 55 53 11-0056	EA	Top Visor For Powerflood Flood Light	179.58	36.70
26 55 53 11-0057	EA	Top And Two Side Visors For Powerflood GE Flood Light	136.86	36.70
26 55 53 11-0058	EA	Pipe Wall Mounting Bracket For Powerflood GE Flood Light	344.69	110.10
26 55 53 11-0059	EA	Multiple Mounting Channel For Powerflood GE Flood Light	150.29	36.70
26 55 53 11-0060	EA	Wall Or Flat Surface Bracket For Powerflood GE Flood Light	253.15	110.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0061	EA	Steel Angle Bracket For Powerflood GE Flood Light	264.14	110.10
26 55 53 11-0062	EA	Cross Arm Adaptor For Powerflood GE Flood Light	112.45	36.70
26 55 53 11-0063	EA	120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Powerflood GE Flood Light	108.79	36.70
26 55 53 11-0064		Flood Lights (Lithonia Contour Series) *(26 55 53 11)*		
26 55 53 11-0065		TFM (Small Size) Series Lithonia Flood Lights *(26 55 53 11-0064)* Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Faceted parabolic optics. 1/2" threaded mounting knuckle.		
26 55 53 11-0066		High Pressure Sodium TFM Series Lithonia Flood Lights *(26 55 53 11-0065)*		
26 55 53 11-0067	EA	70 Watt High Pressure Sodium TFM Series Lithonia Flood Light	754.62	146.80
26 55 53 11-0068	EA	100 Watt High Pressure Sodium TFM Series Lithonia Flood Light	825.09	146.80
26 55 53 11-0069	EA	150 Watt High Pressure Sodium TFM Series Lithonia Flood Light	894.09	146.80
26 55 53 11-0070		Metal Halide TFM Series Lithonia Flood Lights *(26 55 53 11-0065)*		
26 55 53 11-0071	EA	50 Watt Metal Halide TFM Series Lithonia Flood Light	980.21	146.80
26 55 53 11-0072	EA	70 Watt Metal Halide TFM Series Lithonia Flood Light	963.24	146.80
26 55 53 11-0073	EA	100 Watt Metal Halide TFM Series Lithonia Flood Light	935.90	146.80
26 55 53 11-0074	EA	175 Watt Metal Halide TFM Series Lithonia Flood Light	933.88	146.80
26 55 53 11-0075		Compact Fluorescent TFM Series Lithonia Flood Lights *(26 55 53 11-0065)*		
26 55 53 11-0076	EA	42 Watt Compact Fluorescent TFM Series Lithonia Flood Light	973.18	146.80
26 55 53 11-0077		TFL (Medium Size) Series Lithonia Flood Lights *(26 55 53 11-0064)* Note: For recreation areas, parking lots, building facades and car lots. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0078		High Pressure Sodium TFL Series Lithonia Flood Lights *(26 55 53 11-0077)*		
26 55 53 11-0079	EA	250 Watt High Pressure Sodium TFL Series Lithonia Flood Light	1,158.53	165.14
26 55 53 11-0080	EA	400 Watt High Pressure Sodium TFL Series Lithonia Flood Light	1,182.03	165.14
26 55 53 11-0081		Metal Halide TFL Series Lithonia Flood Lights *(26 55 53 11-0077)*		
26 55 53 11-0082	EA	175 Watt Metal Halide TFL Series Lithonia Flood Light	1,105.71	165.14
26 55 53 11-0083	EA	250 Watt Metal Halide TFL Series Lithonia Flood Light	1,105.71	165.14
26 55 53 11-0084	EA	400 Watt Metal Halide TFL Series Lithonia Flood Light	1,142.56	165.14
26 55 53 11-0085		TFR (Low Profile) Series Lithonia Flood Lights *(26 55 53 11-0064)* Note: For recreation areas, parking lots, building facades and car lots. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0086		High Pressure Sodium TFR Lithonia Flood Lights *(26 55 53 11-0085)*		
26 55 53 11-0087	EA	150 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light	1,110.11	146.80
26 55 53 11-0088	EA	250 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light	1,145.28	146.80
26 55 53 11-0089	EA	400 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light	1,174.67	146.80
26 55 53 11-0090		Metal Halide TFR Lithonia Flood Lights *(26 55 53 11-0085)*		
26 55 53 11-0091	EA	250 Watt Metal Halide TFR Series Lithonia Flood Light	1,098.34	146.80
26 55 53 11-0092	EA	400 Watt Metal Halide TFR Series Lithonia Flood Light	1,133.57	146.80
26 55 53 11-0093		TFA (Large Size) Series Lithonia Flood Lights *(26 55 53 11-0064)* Note: For industrial yards, parking lots, construction sites, streets and recreational areas. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0094		High Pressure Sodium TFA Series Lithonia Flood Lights *(26 55 53 11-0093)*		
26 55 53 11-0095	EA	1,000 Watt High Pressure Sodium TFA Series Lithonia Flood Light	2,158.31	183.50
26 55 53 11-0096		Metal Halide TFA Series Lithonia Flood Lights *(26 55 53 11-0093)*		
26 55 53 11-0097	EA	400 Watt Metal Halide TFA Series Lithonia Flood Light	1,659.07	183.50
26 55 53 11-0098	EA	1,000 Watt Metal Halide TFA Series Lithonia Flood Light	1,835.25	183.50
26 55 53 11-0099		Accessories For Contour Series Lithonia Flood Lights *(26 55 53 11-0064)*		
26 55 53 11-0100	EA	Wireguard For Contour Series Lithonia Flood Light	184.14	36.70
26 55 53 11-0101	EA	Vandal Guard For Contour Series Lithonia Flood Light	357.08	36.70
26 55 53 11-0102	EA	Upper Visor For Contour Series Lithonia Flood Light	151.51	36.70
26 55 53 11-0103	EA	Full Visor For Contour Series Lithonia Flood Light	204.35	36.70
26 55 53 11-0104	EA	Pipe Wall Mounting Bracket For Contour Series Lithonia Flood Light	455.09	110.10
26 55 53 11-0105	EA	Radius Wall Bracket For Contour Series Lithonia Flood Light	361.58	110.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0106	EA	Steel Angle Bracket For Contour Series Lithonia Flood Light	361.58	110.10
26 55 53 11-0107	EA	U Bolt Wall Bracket For Contour Series Lithonia Flood Light, Mounts To 2" Pipe	398.87	110.10
26 55 53 11-0108	EA	Crossarm Adapter For Horizontal Mounted Contour Lithonia Series Flood Light	176.11	36.70
26 55 53 11-0109	EA	120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Contour Lithonia Series Flood Light	140.28	36.70
26 55 53 11-0110		**Flood Lights (Eaton)** *(26 55 53 11)*		
26 55 53 11-0111	EA	6" x 6", 16,932 Lumens, 128 Watt, LED Flood Light (Eaton NFFLD-C40-D-UNV-66-T-CB)	1,188.94	146.80
		For NEMA Photocontrol Option (Eaton OA/RA1016), Add	*63.18*	
		For >50 To 100, Deduct	*-37.06*	
		For >100 To 250, Deduct	*-66.79*	
		For >250 To 500, Deduct	*-118.89*	
		For >500, Deduct	*-171.00*	
26 55 53 11-0112	EA	16,900 Lumens, 128 Watt, NEMA 6H x 6V Wide, Trunnion Mount, 4000K CCT, Night Falcon LED Flood Light With Multi-Tap (Cooper Industries NFFLD-C40-D-UNV-66-T-CB-PER7+OA/RA1016)	1,478.34	161.44
		For >50 To 100, Deduct	*-45.03*	
		For >100 To 250, Deduct	*-81.99*	
		For >250 To 500, Deduct	*-147.83*	
		For >500, Deduct	*-213.68*	
26 55 53 11-0113		**Flood Lights (Ruud)** *(26 55 53 11)*		
26 55 53 11-0114		**NS (Micro) Series Ruud Flood Lights** *(26 55 53 11-0113)*		
		Note: Provides conventional floodlighting. 1/2" threaded mounting knuckle.		
26 55 53 11-0115		**High Pressure Sodium NS Series Ruud Flood Lights** *(26 55 53 11-0114)*		
26 55 53 11-0116	EA	35 Watt High Pressure Sodium NS Series Ruud Flood Light	496.02	110.10
26 55 53 11-0117	EA	50 Watt High Pressure Sodium NS Series Ruud Flood Light	496.02	110.10
26 55 53 11-0118	EA	70 Watt High Pressure Sodium NS Series Ruud Flood Light	496.02	110.10
26 55 53 11-0119	EA	100 Watt High Pressure Sodium NS Series Ruud Flood Light	496.02	110.10
26 55 53 11-0120	EA	150 Watt High Pressure Sodium NS Series Ruud Flood Light	496.02	110.10
26 55 53 11-0121		**Metal Halide NS Series Ruud Flood Lights** *(26 55 53 11-0114)*		
26 55 53 11-0122	EA	50 Watt Metal Halide NS Series Ruud Flood Light	564.37	110.10
26 55 53 11-0123	EA	70 Watt Metal Halide NS Series Ruud Flood Light	564.37	110.10
26 55 53 11-0124	EA	100 Watt Metal Halide NS Series Ruud Flood Light	564.37	110.10
26 55 53 11-0125		**Compact Fluorescent NS Series Ruud Flood Lights** *(26 55 53 11-0114)*		
26 55 53 11-0126	EA	13 Watt Compact Fluorescent NS Series Ruud Flood Light	425.24	110.10
26 55 53 11-0127	EA	26 Watt Compact Fluorescent NS Series Ruud Flood Light	442.32	110.10
26 55 53 11-0128	EA	32 Watt Compact Fluorescent NS Series Ruud Flood Light	447.20	110.10
26 55 53 11-0129	EA	42 Watt Compact Fluorescent NS Series Ruud Flood Light	452.09	110.10
26 55 53 11-0130		**NSF/NSW/NSC (Standard, Wide And Cutoff Micro) Series Ruud Flood Lights** *(26 55 53 11-0113)*		
		Note: The NSF is suited for large open areas and façade applications. The NSW is suited for roadway applications, parking areas or security. The NSC is designed for parking lot and outdoor sports areas. Yoke or slip fitter mounting.		
26 55 53 11-0131		**High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Lights** *(26 55 53 11-0130)*		
26 55 53 11-0132	EA	150 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light	764.76	165.14
26 55 53 11-0133	EA	250 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light	808.70	165.14
26 55 53 11-0134	EA	400 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light	833.11	165.14
26 55 53 11-0135		**Metal Halide NSF/NSW/NSC Series Ruud Flood Lights** *(26 55 53 11-0130)*		
26 55 53 11-0136	EA	175 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light	755.00	165.14
26 55 53 11-0137	EA	250 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light	759.88	165.14
26 55 53 11-0138	EA	400 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light	774.52	165.14
26 55 53 11-0139		**Compact Fluorescent NSF/NSW/NSC Series Ruud Flood Lights** *(26 55 53 11-0130)*		
26 55 53 11-0140	EA	70 Watt Compact Fluorescent NSF/NSW/NSC Series Ruud Flood Light	737.91	165.14
26 55 53 11-0141		**FS (Square) Series Ruud Flood Lights** *(26 55 53 11-0113)*		
		Note: For signs, large open areas and façade applications. Yoke or slip fitter mounting.		
26 55 53 11-0142		**High Pressure Sodium FS Series Ruud Flood Lights** *(26 55 53 11-0141)*		
26 55 53 11-0143	EA	250 Watt High Pressure Sodium FS Series Ruud Flood Light	894.13	165.14
26 55 53 11-0144	EA	400 Watt High Pressure Sodium FS Series Ruud Flood Light	899.01	165.14
26 55 53 11-0145	EA	1,000 Watt High Pressure Sodium FS Series Ruud Flood Light	1,526.41	183.50
26 55 53 11-0146		**Metal Halide FS Series Ruud Flood Lights** *(26 55 53 11-0141)*		
26 55 53 11-0147	EA	175 Watt Metal Halide FS Series Ruud Flood Light	894.13	165.14
26 55 53 11-0148	EA	250 Watt Metal Halide FS Series Ruud Flood Light	899.01	165.14
26 55 53 11-0149	EA	400 Watt Metal Halide FS Series Ruud Flood Light	913.66	165.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0150	EA	1,000 Watt Metal Halide FS Series Ruud Flood Light	1,365.31	183.50
26 55 53 11-0151		**MFS (Mini Square) Series Ruud Flood Lights** *(26 55 53 11-0113)*		
		Note: For signs, large open areas and façade applications. Yoke or slip fitter mounting.		
26 55 53 11-0152		**High Pressure Sodium MFS Series Ruud Flood Lights** *(26 55 53 11-0151)*		
26 55 53 11-0153	EA	35 Watt High Pressure Sodium MFS Series Ruud Flood Light	701.21	146.80
26 55 53 11-0154	EA	50 Watt High Pressure Sodium MFS Series Ruud Flood Light	752.47	146.80
26 55 53 11-0155	EA	70 Watt High Pressure Sodium MFS Series Ruud Flood Light	752.47	146.80
26 55 53 11-0156	EA	100 Watt High Pressure Sodium MFS Series Ruud Flood Light	752.47	146.80
26 55 53 11-0157	EA	150 Watt High Pressure Sodium MFS Series Ruud Flood Light	752.47	146.80
26 55 53 11-0158		**Metal Halide MFS Series Ruud Flood Lights** *(26 55 53 11-0151)*		
26 55 53 11-0159	EA	50 Watt Metal Halide MFS Series Ruud Flood Light	769.56	146.80
26 55 53 11-0160	EA	70 Watt Metal Halide MFS Series Ruud Flood Light	769.56	146.80
26 55 53 11-0161	EA	100 Watt Metal Halide MFS Series Ruud Flood Light	769.56	146.80
26 55 53 11-0162	EA	175 Watt Metal Halide MFS Series Ruud Flood Light	742.71	146.80
26 55 53 11-0163		**MCF/MPM/MPN (Mini Cutoff. Parabolic Medium And Narrow Mini Square) Series Ruud Flood Lights** *(26 55 53 11-0113)*		
		Note: The MCF is suited for parking lots, volleyball courts and tennis courts. The MPM and MPN are suited for flagpoles, columns and narrow signs. Yoke or slip fitter mounting.		
26 55 53 11-0164		**High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Lights** *(26 55 53 11-0163)*		
26 55 53 11-0165	EA	35 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	762.23	146.80
26 55 53 11-0166	EA	50 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	813.49	146.80
26 55 53 11-0167	EA	70 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	813.49	146.80
26 55 53 11-0168	EA	100 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	813.49	146.80
26 55 53 11-0169	EA	150 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	813.49	146.80
26 55 53 11-0170		**Metal Halide MCF/MPM/MPN Series Ruud Flood Lights** *(26 55 53 11-0163)*		
26 55 53 11-0171	EA	50 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	830.58	146.80
26 55 53 11-0172	EA	70 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	830.58	146.80
26 55 53 11-0173	EA	100 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	830.58	146.80
26 55 53 11-0174	EA	175 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	803.73	146.80
26 55 53 11-0175		**CF (Cutoff Square) Series Ruud Flood Lights** *(26 55 53 11-0113)*		
		Note: The CF is suited for parking lots, volleyball courts and tennis courts. Yoke or slip fitter mounting.		
26 55 53 11-0176		**High Pressure Sodium CF Series Ruud Flood Lights** *(26 55 53 11-0175)*		
26 55 53 11-0177	EA	250 Watt High Pressure Sodium CF Series Ruud Flood Light	1,008.85	165.14
26 55 53 11-0178	EA	400 Watt High Pressure Sodium CF Series Ruud Flood Light	1,033.26	165.14
26 55 53 11-0179	EA	1,000 Watt High Pressure Sodium CF Series Ruud Flood Light	1,587.43	183.50
26 55 53 11-0180		**Metal Halide CF Series Ruud Flood Lights** *(26 55 53 11-0175)*		
26 55 53 11-0181	EA	175 Watt Metal Halide CF Series Ruud Flood Light	955.15	165.14
26 55 53 11-0182	EA	250 Watt Metal Halide CF Series Ruud Flood Light	960.03	165.14
26 55 53 11-0183	EA	400 Watt Metal Halide CF Series Ruud Flood Light	974.68	165.14
26 55 53 11-0184	EA	1,000 Watt Metal Halide CF Series Ruud Flood Light	1,426.33	183.50
26 55 53 11-0185		**CN (Narrow Beam Cutoff Square) Series Ruud Flood Lights** *(26 55 53 11-0113)*		
		Note: The CN is suited for large sports fields, building facades and signs. Yoke or slip fitter mounting.		
26 55 53 11-0186		**High Pressure Sodium CN Series Ruud Flood Lights** *(26 55 53 11-0185)*		
26 55 53 11-0187	EA	400 High Pressure Sodium CN Series Ruud Flood Light	1,304.29	183.50
26 55 53 11-0188	EA	1,000 High Pressure Sodium CN Series Ruud Flood Light	1,558.14	183.50
26 55 53 11-0189		**Metal Halide CN Series Ruud Flood Lights** *(26 55 53 11-0185)*		
26 55 53 11-0190	EA	400 Watt Metal Halide CN Series Ruud Flood Light	1,245.70	183.50
26 55 53 11-0191	EA	1,000 Watt Metal Halide CN Series Ruud Flood Light	1,397.04	183.50
26 55 53 11-0192		**PM/PN (Parabolic Medium And Narrow Square) Series Ruud Flood Lights** *(26 55 53 11-0113)*		
		Note: The PM and PN are suited for flagpoles, columns and narrow signs. Yoke or slip fitter mounting.		
26 55 53 11-0193		**High Pressure Sodium PM/PN Series Ruud Flood Lights** *(26 55 53 11-0192)*		
26 55 53 11-0194	EA	250 Watt High Pressure Sodium PM/PN Series Ruud Flood Light	1,043.02	165.14
26 55 53 11-0195	EA	400 Watt High Pressure Sodium PM/PN Series Ruud Flood Light	1,067.43	165.14
26 55 53 11-0196		**Metal Halide PM/PN Series Ruud Flood Lights** *(26 55 53 11-0192)*		
26 55 53 11-0197	EA	175 Watt Metal Halide PM/PN Series Ruud Flood Light	989.32	165.14
26 55 53 11-0198	EA	250 Watt Metal Halide PM/PN Series Ruud Flood Light	994.20	165.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0199	EA	400 Watt Metal Halide PM/PN Series Ruud Flood Light	1,008.85	165.14
26 55 53 11-0200	EA	1,000 Watt Metal Halide PM/PN Series Ruud Flood Light	1,460.50	183.50
26 55 53 11-0201		**Accessories For Ruud Flood Lighting** *(26 55 53 11-0113)*		
26 55 53 11-0202	EA	Wireguard For Rudd Flood Light	110.01	36.70
26 55 53 11-0203	EA	Deep Baffle (Full Visor) For Rudd Flood Light	175.92	36.70
26 55 53 11-0204	EA	Glare Guard (Upper Visor) For Rudd Flood Light	127.10	36.70
26 55 53 11-0205	EA	Vandal Shield For Rudd Flood Light	151.51	36.70
26 55 53 11-0206	EA	Pipe Mounting Bracket For Ruud Flood Light	303.19	110.10
26 55 53 11-0207	EA	120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Ruud Flood Light	95.37	36.70
26 55 53 11-0208		**Flood Lights (Lumark)** *(26 55 53 11)*		
26 55 53 11-0209		**QZ Wedge Series Quartz Lumark Flood Lights** *(26 55 53 11-0208)*		
		Note: For small outdoor areas. Die-cast aluminum housing heat and weather resistant gaskets.		
26 55 53 11-0210	EA	500 Watt QZ Wedge Series Quartz Lumark Flood Light	270.12	110.10
26 55 53 11-0211		**LQL Series Quartz Lumark Flood Lights** *(26 55 53 11-0208)*		
		Note: For medium size outdoor areas. Die-cast aluminum housing heat and weather resistant gaskets.		
26 55 53 11-0212	EA	1,500 Watt LQL Series Quartz Lumark Flood Light	342.12	110.10
26 55 53 11-0213		**Flood Lights (Kim Lighting)** *(26 55 53 11)*		
26 55 53 11-0214		**MicroFlood® Series Kim Lighting Flood Lights** *(26 55 53 11-0213)*		
		Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and gasketed and tempered lens. 1/2" threaded mounting knuckle.		
26 55 53 11-0215		**LED MicroFlood® Series Kim Lighting Flood Lights** *(26 55 53 11-0214)*		
26 55 53 11-0216	EA	5 Watt, LED MicroFlood® Series Kim Lighting Flood Light	572.41	45.90
		For >50 To 100, Deduct	*-16.61*	
		For >100 To 250, Deduct	*-30.92*	
		For >250 To 500, Deduct	*-57.24*	
		For >500, Deduct	*-83.57*	
26 55 53 11-0217	EA	15 Watt, LED MicroFlood® Series Kim Lighting Flood Light	707.88	45.90
		For >50 To 100, Deduct	*-19.99*	
		For >100 To 250, Deduct	*-37.69*	
		For >250 To 500, Deduct	*-70.79*	
		For >500, Deduct	*-103.89*	
26 55 53 11-0218		**Scarab® Series Kim Lighting Flood Lights** *(26 55 53 11-0213)*		
		Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and gasketed and tempered lens. 1/2" threaded mounting knuckle.		
26 55 53 11-0219		**LED Scarab® Series Kim Lighting Accent Flood Lights** *(26 55 53 11-0218)*		
		Note: Spot or narrow style accent flood lights.		
26 55 53 11-0220	EA	6 Watt LED Scarab® Series Kim Lighting Accent Flood Light (Kim EL731)	874.28	45.90
		For >50 To 100, Deduct	*-24.15*	
		For >100 To 250, Deduct	*-46.01*	
		For >250 To 500, Deduct	*-87.43*	
		For >500, Deduct	*-128.85*	
26 55 53 11-0221	EA	15 Watt LED Scarab® Series Kim Lighting Accent Flood Light (Kim EL733)	952.01	45.90
		Note: Includes adjustable glare shield.		
		For >50 To 100, Deduct	*-26.10*	
		For >100 To 250, Deduct	*-49.90*	
		For >250 To 500, Deduct	*-95.20*	
		For >500, Deduct	*-140.51*	
26 55 53 11-0222		**Cooper Lighting** *(26 55 53 11)*		
26 55 53 11-0223		**Flood Lights; Lumiere® Series Cooper Lighting** *(26 55 53 11-0222)*		
		Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and gasketed and tempered lens. 1/2" threaded mounting knuckle.		
26 55 53 11-0224		**LED Lumiere® Series Cooper Lighting Flood Lights** *(26 55 53 11-0223)*		
26 55 53 11-0225	EA	12 Watt, LED, Aluminum Construction, Lumiere® Series Cooper Lighting Flood Light (Lumiere® Cambria 203)	744.90	45.90
		For Tree Mount, Add	*68.86*	
		For >50 To 100, Deduct	*-20.92*	
		For >100 To 250, Deduct	*-39.54*	
		For >250 To 500, Deduct	*-74.49*	
		For >500, Deduct	*-109.44*	
26 55 53 11-0226	EA	12 Watt, LED, Brass Construction, Lumiere® Series Cooper Lighting Flood Light (Lumiere® Cambria 203)	945.88	45.90
		For Tree Mount, Add	*68.86*	
		For >50 To 100, Deduct	*-25.94*	
		For >100 To 250, Deduct	*-49.59*	
		For >250 To 500, Deduct	*-94.59*	
		For >500, Deduct	*-139.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0227	EA	12 Watt, LED, Aluminum Construction, Lumiere® Series Cooper Lighting Hanging Flood Light (Lumiere® Cambria 213)	826.83	45.90
		For >50 To 100, Deduct	*-22.97*	
		For >100 To 250, Deduct	*-43.64*	
		For >250 To 500, Deduct	*-82.68*	
		For >500, Deduct	*-121.73*	
26 55 53 11-0228	EA	Expanding Tree Strap, Tree Mounting Accessory For Lumiere® Flood Lights (Lumiere TM04-4) Note: For use with up to four fixtures.	333.78	32.79
		For >50 To 100, Deduct	*-9.98*	
		For >100 To 250, Deduct	*-18.33*	
		For >250 To 500, Deduct	*-33.38*	
		For >500, Deduct	*-48.43*	
26 55 53 11-0229	EA	12 Volt, Wet Listed, Low Voltage Lighting Transformer For Lumiere® 203 Flood Lights (Lumiere T100)	530.65	26.23
		For >50 To 100, Deduct	*-14.58*	
		For >100 To 250, Deduct	*-27.84*	
		For >250 To 500, Deduct	*-53.07*	
		For >500, Deduct	*-78.29*	
26 55 53 11-0230	EA	12 Volt, Wet Listed, Low Voltage Lighting Transformer For Lumiere® 213 Flood Lights (Lumiere)	183.30	26.23
		For >50 To 100, Deduct	*-5.89*	
		For >100 To 250, Deduct	*-10.48*	
		For >250 To 500, Deduct	*-18.33*	
		For >500, Deduct	*-26.18*	

26 55 53 11-0231 Flood Lights (CREE® BetaLED®) *(26 55 53 11)*

26 55 53 11-0232 Yoke Mount, Square, LED Flood Lights (CREE® BetaLED® FLD-304) *(26 55 53 11-0231)*

Note: UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 55 53 11-0233	EA	40 LEDs, 47 Watt, Yoke Mount, Square, LED Flood Light (CREE® BetaLED® FLD-304)	1,124.84	132.08
		For >50 To 100, Deduct	*-34.73*	
		For >100 To 250, Deduct	*-62.85*	
		For >250 To 500, Deduct	*-112.48*	
		For >500, Deduct	*-162.12*	
26 55 53 11-0234	EA	60 LEDs, 68 Watt, Yoke Mount, Square, LED Flood Light (CREE® BetaLED® FLD-304)	1,230.62	139.42
		For >50 To 100, Deduct	*-37.74*	
		For >100 To 250, Deduct	*-68.50*	
		For >250 To 500, Deduct	*-123.06*	
		For >500, Deduct	*-177.62*	

26 55 53 11-0235 Adjustable Arm Mount, Rectangular, LED Flood Lights (CREE® BetaLED® Edge® FLD-EDG) *(26 55 53 11-0231)*

Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 55 53 11-0236	EA	20 LEDs, 26 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	979.81	124.74
		For 480 Volt, Add	*113.84*	
		For >50 To 100, Deduct	*-30.73*	
		For >100 To 250, Deduct	*-55.23*	
		For >250 To 500, Deduct	*-97.98*	
		For >500, Deduct	*-140.73*	
26 55 53 11-0237	EA	40 LEDs, 47 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	1,225.36	132.08
		For 480 Volt, Add	*113.84*	
		For >50 To 100, Deduct	*-37.24*	
		For >100 To 250, Deduct	*-67.87*	
		For >250 To 500, Deduct	*-122.54*	
		For >500, Deduct	*-177.20*	
26 55 53 11-0238	EA	60 LEDs, 68 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	1,470.92	139.42
		For 480 Volt, Add	*113.84*	
		For >50 To 100, Deduct	*-43.74*	
		For >100 To 250, Deduct	*-80.52*	
		For >250 To 500, Deduct	*-147.09*	
		For >500, Deduct	*-213.67*	
26 55 53 11-0239	EA	80 LEDs, 90 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	1,809.13	146.76
		For 480 Volt, Add	*113.84*	
		For >50 To 100, Deduct	*-52.57*	
		For >100 To 250, Deduct	*-97.79*	
		For >250 To 500, Deduct	*-180.91*	
		For >500, Deduct	*-264.03*	
26 55 53 11-0240	EA	100 LEDs, 111 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	2,054.68	154.10
		For 480 Volt, Add	*113.84*	
		For >50 To 100, Deduct	*-59.07*	
		For >100 To 250, Deduct	*-110.44*	
		For >250 To 500, Deduct	*-205.47*	
		For >500, Deduct	*-300.50*	
26 55 53 11-0241	EA	120 LEDs, 132 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	2,300.23	161.44
		For 480 Volt, Add	*113.84*	
		For >50 To 100, Deduct	*-65.58*	
		For >100 To 250, Deduct	*-123.08*	
		For >250 To 500, Deduct	*-230.02*	
		For >500, Deduct	*-336.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0242	EA	140 LEDs, 157 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	2,619.61	168.77
		For 480 Volt, Add	*113.84*	
		For >50 To 100, Deduct	*-73.93*	
		For >100 To 250, Deduct	*-139.42*	
		For >250 To 500, Deduct	*-261.96*	
		For >500, Deduct	*-384.50*	
26 55 53 11-0243	EA	160 LEDs, 179 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	2,865.15	176.10
		For 480 Volt, Add	*113.84*	
		For >50 To 100, Deduct	*-80.43*	
		For >100 To 250, Deduct	*-152.06*	
		For >250 To 500, Deduct	*-286.52*	
		For >500, Deduct	*-420.97*	

26 55 53 11-0244 Adjustable Arm Mount, Rectangular, High Output, LED Flood Lights (CREE® BetaLED® Edge® FLD-EHO) *(26 55 53 11-0231)*

Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 700mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 55 53 11-0245	EA	120 LEDs, 267 Watt, Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® Edge® FLD-EHO)	2,207.57	161.44
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*18.52*	
		For Bird Spikes, Add	*45.32*	
		For 5,000K Color Temperature, Add	*46.31*	
		For Fuse, Add	*55.57*	
		For 0 To 10 Volt Dimming, Add	*55.57*	
		For 480 Volt, Add	*83.36*	
		For Multi-Level, Add	*120.40*	
		For 1,000mA Driver, Add	*155.60*	
		For >50 To 100, Deduct	*-63.26*	
		For >100 To 250, Deduct	*-118.45*	
		For >250 To 500, Deduct	*-220.76*	
		For >500, Deduct	*-323.06*	
26 55 53 11-0246	EA	240 LEDs, 533 Watt, Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® Edge® FLD-EHO)	3,720.25	198.12
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*18.52*	
		For 5,000K Color Temperature, Add	*46.31*	
		For Fuse, Add	*55.57*	
		For 0 To 10 Volt Dimming, Add	*55.57*	
		For Bird Spikes, Add	*66.50*	
		For Multi-Level, Add	*120.40*	
		For 1,000mA Driver, Add	*155.60*	
		For 480 Volt, Add	*166.71*	
		For >50 To 100, Deduct	*-102.91*	
		For >100 To 250, Deduct	*-195.92*	
		For >250 To 500, Deduct	*-372.03*	
		For >500, Deduct	*-548.13*	

26 55 53 11-0247 Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Lights (CREE® BetaLED® OSQ™) *(26 55 53 11-0231)*

Note: UL wet listed. Includes 3,000K or 4,000K or 5,700K color temperature, 120/277 voltage, Class 1 driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 55 53 11-0248	EA	112 Watt, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-A-XXX-US-UL)	1,314.81	161.44
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*18.52*	
		For Front Facing Optics, Back Light Shield, Add	*35.58*	
		For Rotated Optics, Back Light Shield, Add	*35.58*	
		For Field Adjustable Output, Add	*27.79*	
		For Fuse, Add	*55.57*	
		For 0 To 10 Volt Dimming, Add	*55.57*	
		For Multi-Level, Add	*120.40*	
		For >50 To 100, Deduct	*-40.94*	
		For >100 To 250, Deduct	*-73.81*	
		For >250 To 500, Deduct	*-131.48*	
		For >500, Deduct	*-189.15*	
26 55 53 11-0249	EA	168 Watt, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-J-XXX-US-UL) Note: Type III, IV or V medium optics only.	1,402.34	161.44
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*18.52*	
		For Front Facing Optics, Back Light Shield, Add	*35.58*	
		For Rotated Optics, Back Light Shield, Add	*35.58*	
		For Field Adjustable Output, Add	*27.79*	
		For Fuse, Add	*55.57*	
		For 0 To 10 Volt Dimming, Add	*55.57*	
		For Type II Medium Or Type V Short Optics, Add	*602.16*	
		For Multi-Level, Add	*120.40*	
		For >50 To 100, Deduct	*-43.13*	
		For >100 To 250, Deduct	*-78.19*	
		For >250 To 500, Deduct	*-140.23*	
		For >500, Deduct	*-202.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0250	EA	223 Watt, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-S-XXX-US-UL)	1,796.64	198.12
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*18.52*	
		For Field Adjustable Output, Add	*27.79*	
		For Front Facing Optics, Back Light Shield, Add	*43.15*	
		For Rotated Optics, Back Light Shield, Add	*43.15*	
		For Fuse, Add	*55.57*	
		For 0 To 10 Volt Dimming, Add	*55.57*	
		For Multi-Level, Add	*120.40*	
		For >50 To 100, Deduct	*-54.82*	
		For >100 To 250, Deduct	*-99.74*	
		For >250 To 500, Deduct	*-179.66*	
		For >500, Deduct	*-259.59*	

26 55 53 11-0251 Flood Lights (PlanLED) *(26 55 53 11)*

26 55 53 11-0252 Adjustable Arm Mount, LED Flood Lights (PlanLED WAPA) *(26 55 53 11-0251)*

26 55 53 11-0253	EA	6,250 Lumens, 50 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP050)	701.49	132.08
		For >50 To 100, Deduct	*-24.14*	
		For >100 To 250, Deduct	*-41.68*	
		For >250 To 500, Deduct	*-70.15*	
		For >500, Deduct	*-98.62*	
26 55 53 11-0254	EA	9,375 Lumens, 75 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP075)	839.51	139.42
		For >50 To 100, Deduct	*-27.96*	
		For >100 To 250, Deduct	*-48.95*	
		For >250 To 500, Deduct	*-83.95*	
		For >500, Deduct	*-118.96*	
26 55 53 11-0255	EA	12,500 Lumens, 100 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP100)	969.17	150.43
		For >50 To 100, Deduct	*-31.75*	
		For >100 To 250, Deduct	*-55.98*	
		For >250 To 500, Deduct	*-96.92*	
		For >500, Deduct	*-137.85*	

26 55 53 11-0256 Adjustable Arm Mount, LED Sports Flood Lights (PlanLED SUFA) *(26 55 53 11-0251)*

26 55 53 11-0257	EA	21,000 Lumens, 200 Watt, LED Sports Flood Light (PlanLED SUFA SF200)	1,966.28	293.51
		For 0 To 10 Volt Dimming, Add	*96.89*	
		For >50 To 100, Deduct	*-63.83*	
		For >100 To 250, Deduct	*-112.99*	
		For >250 To 500, Deduct	*-196.63*	
		For >500, Deduct	*-280.27*	
26 55 53 11-0258	EA	42,000 Lumens, 400 Watt, LED Sports Flood Light (PlanLED SUFA SF400)	3,053.98	293.51
		For 0 To 10 Volt Dimming, Add	*96.89*	
		For >50 To 100, Deduct	*-91.03*	
		For >100 To 250, Deduct	*-167.37*	
		For >250 To 500, Deduct	*-305.40*	
		For >500, Deduct	*-443.42*	
26 55 53 11-0259	EA	84,000 Lumens, 800 Watt, LED Sports Flood Light (PlanLED SUFA SF800)	5,395.36	293.51
		For 0 To 10 Volt Dimming, Add	*96.89*	
		For >50 To 100, Deduct	*-149.56*	
		For >100 To 250, Deduct	*-284.44*	
		For >250 To 500, Deduct	*-539.54*	
		For >500, Deduct	*-794.63*	

26 55 53 11-0260 Adjustable Arm Mount, LED High Mast Flood Lights (PlanLED MAHA) *(26 55 53 11-0251)*

26 55 53 11-0261	EA	26,000 Lumens, 200 Watt, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA200)	1,742.89	190.78
		For 0 To 10 Volt Dimming, Add	*96.89*	
		For 480 Volt, Add	*145.78*	
		For >50 To 100, Deduct	*-53.11*	
		For >100 To 250, Deduct	*-96.68*	
		For >250 To 500, Deduct	*-174.29*	
		For >500, Deduct	*-251.89*	
26 55 53 11-0262	EA	39,000 Lumens, 300 Watt, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA300)	2,233.01	198.12
		For 0 To 10 Volt Dimming, Add	*96.89*	
		For 480 Volt, Add	*117.75*	
		For >50 To 100, Deduct	*-65.73*	
		For >100 To 250, Deduct	*-121.56*	
		For >250 To 500, Deduct	*-223.30*	
		For >500, Deduct	*-325.05*	
26 55 53 11-0263	EA	52,000 Lumens, 400 Watt, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA400)	2,850.96	205.46
		For 0 To 10 Volt Dimming, Add	*96.89*	
		For 480 Volt, Add	*95.48*	
		For >50 To 100, Deduct	*-81.55*	
		For >100 To 250, Deduct	*-152.82*	
		For >250 To 500, Deduct	*-285.10*	
		For >500, Deduct	*-417.37*	

26 55 53 12 Security Hazardous Location Flood Lights *(26 55 53)*

Note: For general to heavy industrial applications in marine and corrosive environments. Class 1 Division 2.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 12-0001		Lithonia Hazardous Location Flood Lights *(26 55 53 12)*		
26 55 53 12-0002		HFR (Horizontally Oriented Mogul Base) Series Hazardous Location Flood Lights *(26 55 53 12-0001)* Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
26 55 53 12-0003		High Pressure Sodium HFR Series Hazardous Location Flood Lights *(26 55 53 12-0002)*		
26 55 53 12-0004	EA	150 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,099.83	146.80
26 55 53 12-0005	EA	250 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,175.50	146.80
26 55 53 12-0006	EA	400 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,102.27	146.80
26 55 53 12-0007		Metal Halide HFR Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0002)*		
26 55 53 12-0008	EA	250 Watt Metal Halide HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,167.42	146.80
26 55 53 12-0009	EA	400 Watt Metal Halide HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,131.57	146.80
26 55 53 12-0010		HFM (Medium Base) Series Hazardous Location Flood Lights *(26 55 53 12-0001)* Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
26 55 53 12-0011		High Pressure Sodium HFM Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0010)*		
26 55 53 12-0012	EA	100 Watt High Pressure Sodium HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,047.82	146.80
26 55 53 12-0013	EA	150 Watt High Pressure Sodium HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,092.97	146.80
26 55 53 12-0014		Metal Halide HFM Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0010)*		
26 55 53 12-0015	EA	175 Watt Metal Halide HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	925.77	146.80
26 55 53 12-0016		HFA (Large) Series Hazardous Location Flood Lights *(26 55 53 12-0001)* Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
26 55 53 12-0017		High Pressure Sodium HFA Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0016)*		
26 55 53 12-0018	EA	250 Watt High Pressure Sodium HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,482.47	183.50
26 55 53 12-0019	EA	400 Watt High Pressure Sodium HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,504.44	183.50
26 55 53 12-0020		Metal Halide HFA Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0016)*		
26 55 53 12-0021	EA	250 Watt Metal Halide HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,475.15	183.50
26 55 53 12-0022	EA	400 Watt Metal Halide HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,504.44	183.50
26 55 53 12-0023		HFL (Medium) Series Hazardous Location Flood Lights *(26 55 53 12-0001)* Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
26 55 53 12-0024		High Pressure Sodium HFL Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0023)*		
26 55 53 12-0025	EA	400 Watt High Pressure Sodium HFL Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,099.16	165.14
26 55 53 12-0026		Metal Halide HFL Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0023)*		
26 55 53 12-0027	EA	400 Watt Metal Halide HFL Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,184.60	165.14
26 55 53 12-0028		Accessories For Lithonia Hazardous Location Flood Lights *(26 55 53 12-0001)* See CSI section 26 55 53 11-0099 for accessories.		
26 55 53 13		**Security High Performance Flood Lights** *(26 55 53)* Note: For airport aprons and parking areas.		
26 55 53 13-0001		Lithonia High Performance Flood Lights *(26 55 53 13)*		
26 55 53 13-0002		170S Series Lithonia High Performance Flood Lights *(26 55 53 13-0001)* Note: Die-cast aluminum housing welded seams, stainless steel hardware, corrosion resistant polyester powder finish, and thermal and shock resistant flat lens.		
26 55 53 13-0003		High Pressure Sodium 170S Series Lithonia High Performance Flood Lights *(26 55 53 13-0002)*		
26 55 53 13-0004	EA	250 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	2,561.52	220.20
26 55 53 13-0005	EA	400 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	2,761.68	220.20
26 55 53 13-0006	EA	750 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	2,771.44	220.20
26 55 53 13-0007	EA	1,000 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	3,076.55	220.20

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 13-0008		**Metal Halide 170S Series Lithonia High Performance Flood Lights** *(26 55 53 13-0002)*		
26 55 53 13-0009	EA	320 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	2,949.63	220.20
26 55 53 13-0010	EA	350 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	2,814.28	220.20
26 55 53 13-0011	EA	400 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	2,686.01	220.20
26 55 53 13-0012	EA	1,000 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	2,812.93	220.20
26 55 53 13-0013		**Accessories For Lithonia High Performance Flood Lights** *(26 55 53 13-0002)*		
		See CSI section 26 55 53 11-0099 for accessories.		
26 55 61		**Theatrical Lighting** *(26 55)*		
26 55 61 00-0001		**Stage Lighting** *(26 55 61)*		
26 55 61 00-0002	EA	Ellipsoidal Spotlight, Two 6" x 9" Lenses	685.60	159.13
		Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20 amperes, 3 watts ground, male pin connector and high performance lamp.		
26 55 61 00-0003	EA	Ellipsoidal Spotlight, Two 6" x 12" Lenses	685.60	159.13
		Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20 amperes, 3 watts ground, male pin connector and high performance lamp.		
26 55 61 00-0004	EA	Ellipsoidal Spotlight, Two 6" x 16" Lenses	685.60	159.13
		Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20 amperes, 3 watts ground, male pin connector and high performance lamp.		
26 55 61 00-0005	EA	14" Scoop Floodlight (Altman #SC14)	707.56	159.13
26 55 61 00-0006	EA	6" Diameter Fresnel Spotlight, Spherical Specular Alzak1	558.98	159.13
		Note: Reflector, heat resistant fresnel lens, slidefocus flood to spot, complete with yoke, c-clamp, safety cable, color frame, male pin connector and lamp.		
26 55 61 00-0007	EA	8" Diameter Fresnel Spotlight, Spherical Specular Alzak	913.47	159.13
		Note: Reflector, heat resistant fresnel lens, slidefocus flood to spot, complete with yoke, C-clamp, safety cable, color frame, male pin connector and lamp.		
26 55 61 00-0008	EA	Follow Spotlight With Steel Chassis And Lightweight	2,390.04	159.13
		Note: Aluminum housing, includes lamp adjustment plate, silent lamp fan, dowser, iris and clipper, rear lens control, coated lenses, six color boomerang, color fan, 34" x 34" castered stand.		
26 55 61 00-0009	EA	Follow Spotlight With Steel Chassis And Lightweight	2,878.95	159.13
		Note: Aluminum housing, includes lamp adjustment plate, ballast, electronic power supply, stepdown transformer, silent lamp fan, dowser, iris and clipper, rear lens control, coated lenses, six color boomerang, color fan, 34" x 34" castered stand.		
26 55 61 00-0010	EA	300 To 1000 Watt, PAR 64 Can Lighting With 20 Gauge Sheet Steel	509.78	159.13
		Note: Formed lamp housing, hinged and latched rear housing secured by retention ring, safety cable, safety screen, PAR 64 lamp, male pin connector.		
26 55 61 00-0011	EA	6' Length, Multi-Lamp Compartmented Striplighting Luminaire	1,821.31	159.13
		Note: With continuous sheet steel housing, supported by 1-1/2" x 3/16" steel yoke with C-clamp, includes 30 lights per section wired on 3 circuits, alzak aluminum reflector with matte finish.		
26 55 61 00-0012	EA	1,000 Watt, 25 To 125' Throw, Follow Spotlight (Times Square Lighting QF1000S)	3,102.52	159.13
26 55 68		**Athletic Field Lighting** *(26 55)*		
26 55 68 00-0001		**Sports Lighting System** *(26 55 68)*		
		Note: Musco.		
26 55 68 00-0002		**Round Steel Tapered Poles** *(26 55 68 00-0001)*		
		Note: With Internal wiring harness.		
26 55 68 00-0003	EA	20' Steel Tapered Pole With Precast Concrete Foundation Sleeve	4,338.51	704.61
26 55 68 00-0004	EA	25' Steel Tapered Pole With Precast Concrete Foundation Sleeve	5,220.23	851.41
26 55 68 00-0005	EA	30' Steel Tapered Pole With Precast Concrete Foundation Sleeve	5,886.86	924.80
26 55 68 00-0006	EA	35' Steel Tapered Pole With Precast Concrete Foundation Sleeve	6,442.15	961.50
26 55 68 00-0007	EA	40' Steel Tapered Pole With Precast Concrete Foundation Sleeve	8,101.61	998.19
26 55 68 00-0008	EA	45' Steel Tapered Pole With Precast Concrete Foundation Sleeve	9,290.85	1,218.39
26 55 68 00-0009	EA	50' Steel Tapered Pole With Precast Concrete Foundation Sleeve	9,985.97	1,291.79
26 55 68 00-0010	EA	55' Steel Tapered Pole With Precast Concrete Foundation Sleeve	11,343.53	1,467.94
26 55 68 00-0011	EA	60' Steel Tapered Pole With Precast Concrete Foundation Sleeve	12,880.28	1,651.43
26 55 68 00-0012	EA	65' Steel Tapered Pole With Precast Concrete Foundation Sleeve	14,255.46	1,827.25
26 55 68 00-0013	EA	70' Steel Tapered Pole With Precast Concrete Foundation Sleeve	15,544.45	2,042.22
26 55 68 00-0014	EA	75' Steel Tapered Pole With Precast Concrete Foundation Sleeve	16,941.65	2,293.02
26 55 68 00-0015	EA	80' Steel Tapered Pole With Precast Concrete Foundation Sleeve	18,988.10	2,758.79
26 55 68 00-0016		**Steel Pole Brackets** *(26 55 68 00-0001)*		
26 55 68 00-0017	EA	Two Light Bracket	604.37	73.40
26 55 68 00-0018	EA	Three Light Bracket	761.06	102.75
26 55 68 00-0019	EA	Four Light Bracket	1,095.29	124.78
26 55 68 00-0020	EA	Five Light Bracket	1,248.53	146.80
26 55 68 00-0021	EA	Six Light Bracket	1,513.73	168.81
26 55 68 00-0022	EA	Seven Light Bracket	1,733.24	190.83
26 55 68 00-0023	EA	Eight Light Bracket	1,981.42	220.20
26 55 68 00-0024	EA	Nine Light Bracket	2,238.27	242.21
26 55 68 00-0025		**Light Fixtures** *(26 55 68 00-0001)*		
26 55 68 00-0026	EA	120 or 270 Volt, Sportlite Fixtures Complete with 1,000 Watt Metal Halide Lamp, Hook Cord And Plug	1,477.00	
		For 1,500 Watt Metal Halide Lamp, Add	*16.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 68 00-0027		**Electrical Component Enclosure** *(26 55 68 00-0001)* Note: Pole mounted NEMA 3R enclosure with thermal magnetic breaker and multiple ballasts to match total light fixtures. For light structures with more than 6 lights, use multiple enclosures.		
26 55 68 00-0028	EA	Electrical Component Enclosure For 2 Lights, Pole Mounted	1,075.43	85.12
26 55 68 00-0029	EA	Electrical Component Enclosure For 3 Lights, Pole Mounted	1,613.65	130.96
26 55 68 00-0030	EA	Electrical Component Enclosure For 4 Lights, Pole Mounted	1,851.56	163.70
26 55 68 00-0031	EA	Electrical Component Enclosure For 5 Lights, Pole Mounted	2,394.29	183.35
26 55 68 00-0032	EA	Electrical Component Enclosure For 6 Lights, Pole Mounted	2,692.54	196.44
26 55 68 00-0033		**Accessories** *(26 55 68 00-0001)*		
26 55 68 00-0034	EA	Time Delay Kit (Musco®)	1,089.57	262.31
26 55 68 00-0035	EA	Remote Switch Box Push Button (Musco®)	2,219.45	262.31
26 55 68 00-0036	EA	Push Button Strobe Kit (Musco®)	2,671.41	262.31
26 55 68 00-0037	EA	Additional Control-Link Unit (Musco®)	12,872.72	786.95
26 55 68 00-0038	EA	Auxiliary Brackets For Speakers Or Egress Fixtures, For New Installations (Musco®)	1,391.80	130.96
26 55 68 00-0039	EA	Auxiliary Brackets For Speakers Or Egress Fixtures, For Retrofit Applications (Musco®)	1,653.72	261.92

26 56 Exterior Lighting *(26 50)*

26 56 13 Lighting Poles and Standards *(26 56)*

26 56 13 00-0001		**Poles And Standards** *(26 56 13)*		
26 56 13 00-0002		**Roadway Light Poles** *(26 56 13 00-0001)* Note: Excludes lighting fixtures.		
26 56 13 00-0003		**Steel Roadway Light Poles** *(26 56 13 00-0002)* Note: Includes prime painted finish, anchor bolts, steel base with nut covers, reinforced handhole with cover and grounding provisions, and fixture arm(s).		
26 56 13 00-0004		**Round Tapered, Steel Roadway Light Poles** *(26 56 13 00-0003)*		
26 56 13 00-0005		**Round Tapered, Steel Roadway Light Poles With Upsweep Style Arms** *(26 56 13 00-0004)*		
26 56 13 00-0006		**Round Tapered, Steel Roadway Light Poles With Single Upsweep Style Arm** *(26 56 13 00-0005)*		
26 56 13 00-0007	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	2,774.22	440.38
		For Galvanized Finish, Add	*56.80*	
		For >10 To 20, Deduct	*-69.36*	
		For >20 To 40, Deduct	*-138.71*	
		For >40, Deduct	*-230.09*	
26 56 13 00-0008	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	2,778.90	440.38
		For Galvanized Finish, Add	*56.94*	
		For >10 To 20, Deduct	*-69.47*	
		For >20 To 40, Deduct	*-138.95*	
		For >40, Deduct	*-230.44*	
26 56 13 00-0009	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,100.22	587.18
		For Galvanized Finish, Add	*57.78*	
		For >10 To 20, Deduct	*-77.51*	
		For >20 To 40, Deduct	*-155.01*	
		For >40, Deduct	*-261.88*	
26 56 13 00-0010	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,156.49	587.18
		For Galvanized Finish, Add	*59.46*	
		For >10 To 20, Deduct	*-78.91*	
		For >20 To 40, Deduct	*-157.82*	
		For >40, Deduct	*-266.10*	
26 56 13 00-0011	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,212.77	587.18
		For Galvanized Finish, Add	*61.15*	
		For >10 To 20, Deduct	*-80.32*	
		For >20 To 40, Deduct	*-160.64*	
		For >40, Deduct	*-270.32*	
26 56 13 00-0012	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,371.41	660.57
		For Galvanized Finish, Add	*61.51*	
		For >10 To 20, Deduct	*-84.29*	
		For >20 To 40, Deduct	*-168.57*	
		For >40, Deduct	*-285.88*	
26 56 13 00-0013	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,398.09	660.57
		For Galvanized Finish, Add	*62.31*	
		For >10 To 20, Deduct	*-84.95*	
		For >20 To 40, Deduct	*-169.90*	
		For >40, Deduct	*-287.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0014	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,403.17	660.57
		For Galvanized Finish, Add	*62.46*	
		For >10 To 20, Deduct	*-85.08*	
		For >20 To 40, Deduct	*-170.16*	
		For >40, Deduct	*-288.27*	
26 56 13 00-0015	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,571.30	697.27
		For Galvanized Finish, Add	*65.30*	
		For >10 To 20, Deduct	*-89.28*	
		For >20 To 40, Deduct	*-178.57*	
		For >40, Deduct	*-302.71*	
26 56 13 00-0016	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,591.46	697.27
		For Galvanized Finish, Add	*65.91*	
		For >10 To 20, Deduct	*-89.79*	
		For >20 To 40, Deduct	*-179.57*	
		For >40, Deduct	*-304.22*	
26 56 13 00-0017	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,613.47	697.27
		For Galvanized Finish, Add	*66.57*	
		For >10 To 20, Deduct	*-90.34*	
		For >20 To 40, Deduct	*-180.67*	
		For >40, Deduct	*-305.87*	
26 56 13 00-0018	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	4,081.10	733.97
		For Galvanized Finish, Add	*78.39*	
		For >10 To 20, Deduct	*-102.03*	
		For >20 To 40, Deduct	*-204.06*	
		For >40, Deduct	*-342.78*	
26 56 13 00-0019	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	4,088.28	733.97
		For Galvanized Finish, Add	*78.61*	
		For >10 To 20, Deduct	*-102.21*	
		For >20 To 40, Deduct	*-204.41*	
		For >40, Deduct	*-343.32*	
26 56 13 00-0020	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	4,095.37	733.97
		For Galvanized Finish, Add	*78.82*	
		For >10 To 20, Deduct	*-102.38*	
		For >20 To 40, Deduct	*-204.77*	
		For >40, Deduct	*-343.85*	

26 56 13 00-0021 Round Tapered, Steel Roadway Light Poles With Two Upsweep Style Arms *(26 56 13 00-0005)*

26 56 13 00-0022	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,431.75	513.78
		For Galvanized Finish, Add	*72.13*	
		For >10 To 20, Deduct	*-85.79*	
		For >20 To 40, Deduct	*-171.59*	
		For >40, Deduct	*-283.07*	
26 56 13 00-0023	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,498.52	532.12
		For Galvanized Finish, Add	*73.03*	
		For >10 To 20, Deduct	*-87.46*	
		For >20 To 40, Deduct	*-174.93*	
		For >40, Deduct	*-289.00*	
26 56 13 00-0024	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	3,557.87	550.48
		For Galvanized Finish, Add	*73.71*	
		For >10 To 20, Deduct	*-88.95*	
		For >20 To 40, Deduct	*-177.89*	
		For >40, Deduct	*-294.36*	
26 56 13 00-0025	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,530.39	660.57
		For Galvanized Finish, Add	*66.28*	
		For >10 To 20, Deduct	*-88.26*	
		For >20 To 40, Deduct	*-176.52*	
		For >40, Deduct	*-297.81*	
26 56 13 00-0026	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,579.02	678.92
		For Galvanized Finish, Add	*66.64*	
		For >10 To 20, Deduct	*-89.48*	
		For >20 To 40, Deduct	*-178.95*	
		For >40, Deduct	*-302.37*	
26 56 13 00-0027	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	3,620.56	697.27
		For Galvanized Finish, Add	*66.78*	
		For >10 To 20, Deduct	*-90.51*	
		For >20 To 40, Deduct	*-181.03*	
		For >40, Deduct	*-306.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0028	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,824.57	733.97
		For Galvanized Finish, Add	*70.70*	
		For >10 To 20, Deduct	*-95.61*	
		For >20 To 40, Deduct	*-191.23*	
		For >40, Deduct	*-323.54*	
26 56 13 00-0029	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,868.52	752.32
		For Galvanized Finish, Add	*70.92*	
		For >10 To 20, Deduct	*-96.71*	
		For >20 To 40, Deduct	*-193.43*	
		For >40, Deduct	*-327.76*	
26 56 13 00-0030	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	3,909.81	770.66
		For Galvanized Finish, Add	*71.05*	
		For >10 To 20, Deduct	*-97.75*	
		For >20 To 40, Deduct	*-195.49*	
		For >40, Deduct	*-331.77*	
26 56 13 00-0031	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	4,052.35	770.66
		For Galvanized Finish, Add	*75.33*	
		For >10 To 20, Deduct	*-101.31*	
		For >20 To 40, Deduct	*-202.62*	
		For >40, Deduct	*-342.46*	
26 56 13 00-0032	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	4,120.25	789.02
		For Galvanized Finish, Add	*76.27*	
		For >10 To 20, Deduct	*-103.01*	
		For >20 To 40, Deduct	*-206.01*	
		For >40, Deduct	*-348.47*	
26 56 13 00-0033	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,186.53	807.36
		For Galvanized Finish, Add	*77.15*	
		For >10 To 20, Deduct	*-104.66*	
		For >20 To 40, Deduct	*-209.33*	
		For >40, Deduct	*-354.36*	
26 56 13 00-0034	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	4,534.41	807.36
		For Galvanized Finish, Add	*87.59*	
		For >10 To 20, Deduct	*-113.36*	
		For >20 To 40, Deduct	*-226.72*	
		For >40, Deduct	*-380.45*	
26 56 13 00-0035	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	4,575.79	825.72
		For Galvanized Finish, Add	*87.73*	
		For >10 To 20, Deduct	*-114.39*	
		For >20 To 40, Deduct	*-228.79*	
		For >40, Deduct	*-384.47*	
26 56 13 00-0036	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,617.33	844.06
		For Galvanized Finish, Add	*87.88*	
		For >10 To 20, Deduct	*-115.43*	
		For >20 To 40, Deduct	*-230.87*	
		For >40, Deduct	*-388.50*	

26 56 13 00-0037 Round Tapered, Steel Roadway Light Poles With Three Upsweep Style Arms *(26 56 13 00-0005)*

26 56 13 00-0038	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,119.16	733.97
		For Galvanized Finish, Add	*79.54*	
		For >10 To 20, Deduct	*-102.98*	
		For >20 To 40, Deduct	*-205.96*	
		For >40, Deduct	*-345.64*	
26 56 13 00-0039	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,197.30	770.66
		For Galvanized Finish, Add	*79.68*	
		For >10 To 20, Deduct	*-104.93*	
		For >20 To 40, Deduct	*-209.87*	
		For >40, Deduct	*-353.33*	
26 56 13 00-0040	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	4,282.55	807.36
		For Galvanized Finish, Add	*80.03*	
		For >10 To 20, Deduct	*-107.06*	
		For >20 To 40, Deduct	*-214.13*	
		For >40, Deduct	*-361.56*	
26 56 13 00-0041	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,384.78	807.36
		For Galvanized Finish, Add	*83.10*	
		For >10 To 20, Deduct	*-109.62*	
		For >20 To 40, Deduct	*-219.24*	
		For >40, Deduct	*-369.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0042	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,465.19	844.06
		For Galvanized Finish, Add	*83.31*	
		For >10 To 20, Deduct	*-111.63*	
		For >20 To 40, Deduct	*-223.26*	
		For >40, Deduct	*-377.09*	
26 56 13 00-0043	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	4,543.35	880.76
		For Galvanized Finish, Add	*83.45*	
		For >10 To 20, Deduct	*-113.58*	
		For >20 To 40, Deduct	*-227.17*	
		For >40, Deduct	*-384.79*	
26 56 13 00-0044	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,652.80	844.06
		For Galvanized Finish, Add	*88.94*	
		For >10 To 20, Deduct	*-116.32*	
		For >20 To 40, Deduct	*-232.64*	
		For >40, Deduct	*-391.16*	
26 56 13 00-0045	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,730.96	880.76
		For Galvanized Finish, Add	*89.08*	
		For >10 To 20, Deduct	*-118.27*	
		For >20 To 40, Deduct	*-236.55*	
		For >40, Deduct	*-398.86*	
26 56 13 00-0046	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	4,809.10	917.46
		For Galvanized Finish, Add	*89.23*	
		For >10 To 20, Deduct	*-120.23*	
		For >20 To 40, Deduct	*-240.46*	
		For >40, Deduct	*-406.56*	
26 56 13 00-0047	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,987.73	880.76
		For Galvanized Finish, Add	*96.79*	
		For >10 To 20, Deduct	*-124.69*	
		For >20 To 40, Deduct	*-249.39*	
		For >40, Deduct	*-418.12*	
26 56 13 00-0048	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	5,065.64	917.46
		For Galvanized Finish, Add	*96.92*	
		For >10 To 20, Deduct	*-126.64*	
		For >20 To 40, Deduct	*-253.28*	
		For >40, Deduct	*-425.80*	
26 56 13 00-0049	EA	40' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	5,148.55	954.16
		For Galvanized Finish, Add	*97.21*	
		For >10 To 20, Deduct	*-128.71*	
		For >20 To 40, Deduct	*-257.43*	
		For >40, Deduct	*-433.85*	

26 56 13 00-0050 Round Tapered, Steel Roadway Light Poles With Four Upsweep Style Arms *(26 56 13 00-0005)*

26 56 13 00-0051	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	4,574.80	807.36
		For Galvanized Finish, Add	*88.80*	
		For >10 To 20, Deduct	*-114.37*	
		For >20 To 40, Deduct	*-228.74*	
		For >40, Deduct	*-383.48*	
26 56 13 00-0052	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	4,692.00	862.42
		For Galvanized Finish, Add	*89.02*	
		For >10 To 20, Deduct	*-117.30*	
		For >20 To 40, Deduct	*-234.60*	
		For >40, Deduct	*-395.02*	
26 56 13 00-0053	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	4,806.76	917.46
		For Galvanized Finish, Add	*89.16*	
		For >10 To 20, Deduct	*-120.17*	
		For >20 To 40, Deduct	*-240.34*	
		For >40, Deduct	*-406.38*	
26 56 13 00-0054	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	4,869.54	880.76
		For Galvanized Finish, Add	*93.24*	
		For >10 To 20, Deduct	*-121.74*	
		For >20 To 40, Deduct	*-243.48*	
		For >40, Deduct	*-409.25*	
26 56 13 00-0055	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	4,984.63	935.81
		For Galvanized Finish, Add	*93.39*	
		For >10 To 20, Deduct	*-124.62*	
		For >20 To 40, Deduct	*-249.23*	
		For >40, Deduct	*-420.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0056	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	5,072.31	990.86
		For Galvanized Finish, Add	*92.72*	
		For >10 To 20, Deduct	*-126.81*	
		For >20 To 40, Deduct	*-253.62*	
		For >40, Deduct	*-429.97*	
26 56 13 00-0057	EA	35' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	5,212.93	917.46
		For Galvanized Finish, Add	*101.34*	
		For >10 To 20, Deduct	*-130.32*	
		For >20 To 40, Deduct	*-260.65*	
		For >40, Deduct	*-436.84*	
26 56 13 00-0058	EA	35' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	5,360.12	972.51
		For Galvanized Finish, Add	*102.45*	
		For >10 To 20, Deduct	*-134.00*	
		For >20 To 40, Deduct	*-268.01*	
		For >40, Deduct	*-450.63*	
26 56 13 00-0059	EA	35' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	5,445.13	1,027.56
		For Galvanized Finish, Add	*101.70*	
		For >10 To 20, Deduct	*-136.13*	
		For >20 To 40, Deduct	*-272.26*	
		For >40, Deduct	*-459.76*	
26 56 13 00-0060	EA	40' High, 10.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	5,440.80	954.16
		For Galvanized Finish, Add	*105.97*	
		For >10 To 20, Deduct	*-136.02*	
		For >20 To 40, Deduct	*-272.04*	
		For >40, Deduct	*-455.77*	
26 56 13 00-0061	EA	40' High, 10.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	5,555.57	1,009.21
		For Galvanized Finish, Add	*106.11*	
		For >10 To 20, Deduct	*-138.89*	
		For >20 To 40, Deduct	*-277.78*	
		For >40, Deduct	*-467.13*	
26 56 13 00-0062	EA	40' High, 10.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	5,672.76	1,064.26
		For Galvanized Finish, Add	*106.33*	
		For >10 To 20, Deduct	*-141.82*	
		For >20 To 40, Deduct	*-283.64*	
		For >40, Deduct	*-478.67*	

26 56 13 00-0063 Round Tapered, Steel Roadway Light Poles With Davit Style Arm *(26 56 13 00-0004)*

26 56 13 00-0064 Round Tapered, Steel Roadway Light Poles With Single Davit Style Arm *(26 56 13 00-0063)*

26 56 13 00-0065	EA	25' High, 6.4" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	3,274.36	587.18
		For Galvanized Finish, Add	*63.00*	
		For >10 To 20, Deduct	*-81.86*	
		For >20 To 40, Deduct	*-163.72*	
		For >40, Deduct	*-274.94*	
26 56 13 00-0066	EA	30' High, 7.1" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	3,702.60	660.57
		For Galvanized Finish, Add	*71.44*	
		For >10 To 20, Deduct	*-92.57*	
		For >20 To 40, Deduct	*-185.13*	
		For >40, Deduct	*-310.72*	
26 56 13 00-0067	EA	35' High, 7.8" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	3,815.18	697.27
		For Galvanized Finish, Add	*72.62*	
		For >10 To 20, Deduct	*-95.38*	
		For >20 To 40, Deduct	*-190.76*	
		For >40, Deduct	*-321.00*	
26 56 13 00-0068	EA	40' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	4,489.69	733.97
		For Galvanized Finish, Add	*90.65*	
		For >10 To 20, Deduct	*-112.24*	
		For >20 To 40, Deduct	*-224.48*	
		For >40, Deduct	*-373.43*	

26 56 13 00-0069 Round Tapered, Steel Roadway Light Poles With Truss Style Arms *(26 56 13 00-0004)*

26 56 13 00-0070 Round Tapered, Steel Roadway Light Poles With Single Truss Style Arm *(26 56 13 00-0069)*

26 56 13 00-0071	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,114.99	587.18
		For Galvanized Finish, Add	*88.22*	
		For >10 To 20, Deduct	*-102.87*	
		For >20 To 40, Deduct	*-205.75*	
		For >40, Deduct	*-337.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0072	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,151.03	587.18
		For Galvanized Finish, Add	*89.30*	
		For >10 To 20, Deduct	*-103.78*	
		For >20 To 40, Deduct	*-207.55*	
		For >40, Deduct	*-340.69*	
26 56 13 00-0073	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,167.48	587.18
		For Galvanized Finish, Add	*89.79*	
		For >10 To 20, Deduct	*-104.19*	
		For >20 To 40, Deduct	*-208.37*	
		For >40, Deduct	*-341.92*	
26 56 13 00-0074	EA	30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,297.82	660.57
		For Galvanized Finish, Add	*89.30*	
		For >10 To 20, Deduct	*-107.45*	
		For >20 To 40, Deduct	*-214.89*	
		For >40, Deduct	*-355.37*	
26 56 13 00-0075	EA	30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,304.11	660.57
		For Galvanized Finish, Add	*89.49*	
		For >10 To 20, Deduct	*-107.60*	
		For >20 To 40, Deduct	*-215.21*	
		For >40, Deduct	*-355.84*	
26 56 13 00-0076	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,369.09	660.57
		For Galvanized Finish, Add	*91.44*	
		For >10 To 20, Deduct	*-109.23*	
		For >20 To 40, Deduct	*-218.45*	
		For >40, Deduct	*-360.71*	
26 56 13 00-0077	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,392.59	697.27
		For Galvanized Finish, Add	*89.94*	
		For >10 To 20, Deduct	*-109.81*	
		For >20 To 40, Deduct	*-219.63*	
		For >40, Deduct	*-364.31*	
26 56 13 00-0078	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,430.64	697.27
		For Galvanized Finish, Add	*91.08*	
		For >10 To 20, Deduct	*-110.77*	
		For >20 To 40, Deduct	*-221.53*	
		For >40, Deduct	*-367.16*	
26 56 13 00-0079	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,630.18	697.27
		For Galvanized Finish, Add	*97.07*	
		For >10 To 20, Deduct	*-115.75*	
		For >20 To 40, Deduct	*-231.51*	
		For >40, Deduct	*-382.13*	

26 56 13 00-0080 Round Tapered, Steel Roadway Light Poles With Two Truss Style Arms *(26 56 13 00-0069)*

26 56 13 00-0081	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	5,367.33	733.97
		For Galvanized Finish, Add	*116.98*	
		For >10 To 20, Deduct	*-134.18*	
		For >20 To 40, Deduct	*-268.37*	
		For >40, Deduct	*-439.25*	
26 56 13 00-0082	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	5,475.22	770.66
		For Galvanized Finish, Add	*118.02*	
		For >10 To 20, Deduct	*-136.88*	
		For >20 To 40, Deduct	*-273.76*	
		For >40, Deduct	*-449.17*	
26 56 13 00-0083	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	5,684.06	807.36
		For Galvanized Finish, Add	*122.08*	
		For >10 To 20, Deduct	*-142.10*	
		For >20 To 40, Deduct	*-284.20*	
		For >40, Deduct	*-466.67*	
26 56 13 00-0084	EA	30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	5,494.12	807.36
		For Galvanized Finish, Add	*116.38*	
		For >10 To 20, Deduct	*-137.35*	
		For >20 To 40, Deduct	*-274.71*	
		For >40, Deduct	*-452.43*	
26 56 13 00-0085	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	5,745.77	844.06
		For Galvanized Finish, Add	*121.73*	
		For >10 To 20, Deduct	*-143.64*	
		For >20 To 40, Deduct	*-287.29*	
		For >40, Deduct	*-473.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0086	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	5,906.89	880.76
		For Galvanized Finish, Add	*124.36*	
		For >10 To 20, Deduct	*-147.67*	
		For >20 To 40, Deduct	*-295.34*	
		For >40, Deduct	*-487.06*	
26 56 13 00-0087	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	5,667.09	844.06
		For Galvanized Finish, Add	*119.37*	
		For >10 To 20, Deduct	*-141.68*	
		For >20 To 40, Deduct	*-283.35*	
		For >40, Deduct	*-467.24*	
26 56 13 00-0088	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	5,994.77	880.76
		For Galvanized Finish, Add	*127.00*	
		For >10 To 20, Deduct	*-149.87*	
		For >20 To 40, Deduct	*-299.74*	
		For >40, Deduct	*-493.65*	
26 56 13 00-0089	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	6,198.76	917.46
		For Galvanized Finish, Add	*130.92*	
		For >10 To 20, Deduct	*-154.97*	
		For >20 To 40, Deduct	*-309.94*	
		For >40, Deduct	*-510.78*	

26 56 13 00-0090 Aluminum Roadway Light Poles *(26 56 13 00-0002)*

Note: Includes satin finish, anchor bolts, cast aluminum base with nut covers, reinforced handhole with cover and grounding provisions, and fixture arm(s).

26 56 13 00-0091 Round Tapered, Aluminum Roadway Light Poles *(26 56 13 00-0090)*

26 56 13 00-0092 Round Tapered, Aluminum Roadway Light Poles With Upsweep Style Arms *(26 56 13 00-0091)*

26 56 13 00-0093 Round Tapered, Aluminum Roadway Light Poles With Single Upsweep Style Arm *(26 56 13 00-0092)*

26 56 13 00-0094	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	2,601.15	440.38
		For >10 To 20, Deduct	*-65.03*	
		For >20 To 40, Deduct	*-130.06*	
		For >40, Deduct	*-217.11*	
26 56 13 00-0095	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	2,621.97	440.38
		For >10 To 20, Deduct	*-65.55*	
		For >20 To 40, Deduct	*-131.10*	
		For >40, Deduct	*-218.67*	
26 56 13 00-0096	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,209.09	587.18
		For >10 To 20, Deduct	*-80.23*	
		For >20 To 40, Deduct	*-160.45*	
		For >40, Deduct	*-270.04*	
26 56 13 00-0097	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,248.44	587.18
		For >10 To 20, Deduct	*-81.21*	
		For >20 To 40, Deduct	*-162.42*	
		For >40, Deduct	*-272.99*	
26 56 13 00-0098	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,284.63	587.18
		For >10 To 20, Deduct	*-82.12*	
		For >20 To 40, Deduct	*-164.23*	
		For >40, Deduct	*-275.71*	
26 56 13 00-0099	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,677.84	660.57
		For >10 To 20, Deduct	*-91.95*	
		For >20 To 40, Deduct	*-183.89*	
		For >40, Deduct	*-308.87*	
26 56 13 00-0100	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,711.04	660.57
		For >10 To 20, Deduct	*-92.78*	
		For >20 To 40, Deduct	*-185.55*	
		For >40, Deduct	*-311.36*	
26 56 13 00-0101	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,748.17	660.57
		For >10 To 20, Deduct	*-93.70*	
		For >20 To 40, Deduct	*-187.41*	
		For >40, Deduct	*-314.14*	
26 56 13 00-0102	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	4,276.50	697.27
		For >10 To 20, Deduct	*-106.91*	
		For >20 To 40, Deduct	*-213.83*	
		For >40, Deduct	*-355.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0103	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	4,309.62	697.27
		For >10 To 20, Deduct	*-107.74*	
		For >20 To 40, Deduct	*-215.48*	
		For >40, Deduct	*-358.09*	
26 56 13 00-0104	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	4,337.36	697.27
		For >10 To 20, Deduct	*-108.43*	
		For >20 To 40, Deduct	*-216.87*	
		For >40, Deduct	*-360.17*	
26 56 13 00-0105		**Round Tapered, Aluminum Roadway Light Poles With Two Upsweep Style Arms** *(26 56 13 00-0092)*		
26 56 13 00-0106	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	2,984.38	513.78
		For >10 To 20, Deduct	*-74.61*	
		For >20 To 40, Deduct	*-149.22*	
		For >40, Deduct	*-249.52*	
26 56 13 00-0107	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,188.46	513.78
		For >10 To 20, Deduct	*-79.71*	
		For >20 To 40, Deduct	*-159.42*	
		For >40, Deduct	*-264.82*	
26 56 13 00-0108	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	3,301.62	550.48
		For >10 To 20, Deduct	*-82.54*	
		For >20 To 40, Deduct	*-165.08*	
		For >40, Deduct	*-275.15*	
26 56 13 00-0109	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,581.13	660.57
		For >10 To 20, Deduct	*-89.53*	
		For >20 To 40, Deduct	*-179.06*	
		For >40, Deduct	*-301.61*	
26 56 13 00-0110	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,747.74	678.92
		For >10 To 20, Deduct	*-93.69*	
		For >20 To 40, Deduct	*-187.39*	
		For >40, Deduct	*-315.03*	
26 56 13 00-0111	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	3,984.60	697.27
		For >10 To 20, Deduct	*-99.62*	
		For >20 To 40, Deduct	*-199.23*	
		For >40, Deduct	*-333.71*	
26 56 13 00-0112	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	4,121.41	733.97
		For >10 To 20, Deduct	*-103.04*	
		For >20 To 40, Deduct	*-206.07*	
		For >40, Deduct	*-345.80*	
26 56 13 00-0113	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	4,278.63	752.32
		For >10 To 20, Deduct	*-106.97*	
		For >20 To 40, Deduct	*-213.93*	
		For >40, Deduct	*-358.51*	
26 56 13 00-0114	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,468.79	770.66
		For >10 To 20, Deduct	*-111.72*	
		For >20 To 40, Deduct	*-223.44*	
		For >40, Deduct	*-373.69*	
26 56 13 00-0115	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	4,649.31	770.66
		For >10 To 20, Deduct	*-116.23*	
		For >20 To 40, Deduct	*-232.47*	
		For >40, Deduct	*-387.23*	
26 56 13 00-0116	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	5,061.74	789.02
		For >10 To 20, Deduct	*-126.54*	
		For >20 To 40, Deduct	*-253.09*	
		For >40, Deduct	*-419.08*	
26 56 13 00-0117	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	5,540.14	807.36
		For >10 To 20, Deduct	*-138.50*	
		For >20 To 40, Deduct	*-277.01*	
		For >40, Deduct	*-455.88*	
26 56 13 00-0118		**Round Tapered, Aluminum Roadway Light Poles With Three Upsweep Style Arms** *(26 56 13 00-0092)*		
26 56 13 00-0119	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	3,459.69	587.18
		For >10 To 20, Deduct	*-86.49*	
		For >20 To 40, Deduct	*-172.98*	
		For >40, Deduct	*-288.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0120	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	3,698.17	623.88
		For >10 To 20, Deduct	*-92.45*	
		For >20 To 40, Deduct	*-184.91*	
		For >40, Deduct	*-308.56*	
26 56 13 00-0121	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,215.39	733.97
		For >10 To 20, Deduct	*-105.38*	
		For >20 To 40, Deduct	*-210.77*	
		For >40, Deduct	*-352.85*	
26 56 13 00-0122	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,397.94	770.66
		For >10 To 20, Deduct	*-109.95*	
		For >20 To 40, Deduct	*-219.90*	
		For >40, Deduct	*-368.38*	
26 56 13 00-0123	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,605.95	807.36
		For >10 To 20, Deduct	*-115.15*	
		For >20 To 40, Deduct	*-230.30*	
		For >40, Deduct	*-385.81*	
26 56 13 00-0124	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,773.32	844.06
		For >10 To 20, Deduct	*-119.33*	
		For >20 To 40, Deduct	*-238.67*	
		For >40, Deduct	*-400.20*	
26 56 13 00-0125	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,968.78	844.06
		For >10 To 20, Deduct	*-124.22*	
		For >20 To 40, Deduct	*-248.44*	
		For >40, Deduct	*-414.86*	
26 56 13 00-0126	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	5,389.06	880.76
		For >10 To 20, Deduct	*-134.73*	
		For >20 To 40, Deduct	*-269.45*	
		For >40, Deduct	*-448.22*	
26 56 13 00-0127	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	12,084.15	917.46
		For >10 To 20, Deduct	*-302.10*	
		For >20 To 40, Deduct	*-604.21*	
		For >40, Deduct	*-952.18*	
26 56 13 00-0128		**Round Tapered, Aluminum Roadway Light Poles With Four Upsweep Style Arms** *(26 56 13 00-0092)*		
26 56 13 00-0129	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	3,605.97	660.57
		For >10 To 20, Deduct	*-90.15*	
		For >20 To 40, Deduct	*-180.30*	
		For >40, Deduct	*-303.48*	
26 56 13 00-0130	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	3,730.93	660.57
		For >10 To 20, Deduct	*-93.27*	
		For >20 To 40, Deduct	*-186.55*	
		For >40, Deduct	*-312.85*	
26 56 13 00-0131	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	4,613.71	807.36
		For >10 To 20, Deduct	*-115.34*	
		For >20 To 40, Deduct	*-230.69*	
		For >40, Deduct	*-386.40*	
26 56 13 00-0132	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	4,990.20	862.42
		For >10 To 20, Deduct	*-124.76*	
		For >20 To 40, Deduct	*-249.51*	
		For >40, Deduct	*-417.39*	
26 56 13 00-0133	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	5,197.10	880.76
		For >10 To 20, Deduct	*-129.93*	
		For >20 To 40, Deduct	*-259.86*	
		For >40, Deduct	*-433.82*	
26 56 13 00-0134	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	5,545.92	935.81
		For >10 To 20, Deduct	*-138.65*	
		For >20 To 40, Deduct	*-277.30*	
		For >40, Deduct	*-462.73*	
26 56 13 00-0135	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	5,468.59	917.46
		For >10 To 20, Deduct	*-136.71*	
		For >20 To 40, Deduct	*-273.43*	
		For >40, Deduct	*-456.02*	
26 56 13 00-0136	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	6,190.42	972.51
		For >10 To 20, Deduct	*-154.76*	
		For >20 To 40, Deduct	*-309.52*	
		For >40, Deduct	*-512.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0137	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	6,831.24	1,027.56
		For >10 To 20, Deduct	*-170.78*	
		For >20 To 40, Deduct	*-341.56*	
		For >40, Deduct	*-563.72*	

26 56 13 00-0138 Round Tapered, Aluminum Roadway Light Poles With Truss Style Arms *(26 56 13 00-0091)*

26 56 13 00-0139 Round Tapered, Aluminum Roadway Light Poles With Single Truss Style Arm *(26 56 13 00-0138)*

26 56 13 00-0140	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base	3,787.28	587.18
		For >10 To 20, Deduct	*-94.68*	
		For >20 To 40, Deduct	*-189.36*	
		For >40, Deduct	*-313.40*	
26 56 13 00-0141	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	3,815.11	587.18
		For >10 To 20, Deduct	*-95.38*	
		For >20 To 40, Deduct	*-190.76*	
		For >40, Deduct	*-315.49*	
26 56 13 00-0142	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	3,886.20	587.18
		For >10 To 20, Deduct	*-97.16*	
		For >20 To 40, Deduct	*-194.31*	
		For >40, Deduct	*-320.82*	
26 56 13 00-0143	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	3,992.90	587.18
		For >10 To 20, Deduct	*-99.82*	
		For >20 To 40, Deduct	*-199.65*	
		For >40, Deduct	*-328.83*	
26 56 13 00-0144	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base	4,263.96	660.57
		For >10 To 20, Deduct	*-106.60*	
		For >20 To 40, Deduct	*-213.20*	
		For >40, Deduct	*-352.83*	
26 56 13 00-0145	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,326.70	660.57
		For >10 To 20, Deduct	*-108.17*	
		For >20 To 40, Deduct	*-216.34*	
		For >40, Deduct	*-357.53*	
26 56 13 00-0146	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,393.61	660.57
		For >10 To 20, Deduct	*-109.84*	
		For >20 To 40, Deduct	*-219.68*	
		For >40, Deduct	*-362.55*	
26 56 13 00-0147	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,797.25	660.57
		For >10 To 20, Deduct	*-119.93*	
		For >20 To 40, Deduct	*-239.86*	
		For >40, Deduct	*-392.82*	
26 56 13 00-0148	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base	4,624.41	697.27
		For >10 To 20, Deduct	*-115.61*	
		For >20 To 40, Deduct	*-231.22*	
		For >40, Deduct	*-381.69*	
26 56 13 00-0149	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	5,142.33	697.27
		For >10 To 20, Deduct	*-128.56*	
		For >20 To 40, Deduct	*-257.12*	
		For >40, Deduct	*-420.54*	
26 56 13 00-0150	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	5,192.78	697.27
		For >10 To 20, Deduct	*-129.82*	
		For >20 To 40, Deduct	*-259.64*	
		For >40, Deduct	*-424.32*	
26 56 13 00-0151	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	5,513.02	697.27
		For >10 To 20, Deduct	*-137.83*	
		For >20 To 40, Deduct	*-275.65*	
		For >40, Deduct	*-448.34*	
26 56 13 00-0152	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	5,805.10	697.27
		For >10 To 20, Deduct	*-145.13*	
		For >20 To 40, Deduct	*-290.26*	
		For >40, Deduct	*-470.25*	

26 56 13 00-0153 Round Tapered, Aluminum Roadway Light Poles With Two Truss Style Arms *(26 56 13 00-0138)*

26 56 13 00-0154	EA	25' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	4,903.51	733.97
		For >10 To 20, Deduct	*-122.59*	
		For >20 To 40, Deduct	*-245.18*	
		For >40, Deduct	*-404.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0155	EA	25' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	5,048.00	770.66
		For >10 To 20, Deduct	*-126.20*	
		For >20 To 40, Deduct	*-252.40*	
		For >40, Deduct	*-417.13*	
26 56 13 00-0156	EA	25' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	5,167.15	807.36
		For >10 To 20, Deduct	*-129.18*	
		For >20 To 40, Deduct	*-258.36*	
		For >40, Deduct	*-427.90*	
26 56 13 00-0157	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	5,289.03	807.36
		For >10 To 20, Deduct	*-132.23*	
		For >20 To 40, Deduct	*-264.45*	
		For >40, Deduct	*-437.05*	
26 56 13 00-0158	EA	30' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	5,733.04	844.06
		For >10 To 20, Deduct	*-143.33*	
		For >20 To 40, Deduct	*-286.65*	
		For >40, Deduct	*-472.18*	
26 56 13 00-0159	EA	30' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	6,537.66	880.76
		For >10 To 20, Deduct	*-163.44*	
		For >20 To 40, Deduct	*-326.88*	
		For >40, Deduct	*-534.36*	
26 56 13 00-0160	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	6,319.50	844.06
		For >10 To 20, Deduct	*-157.99*	
		For >20 To 40, Deduct	*-315.98*	
		For >40, Deduct	*-516.17*	
26 56 13 00-0161	EA	35' High, 10" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	6,452.48	880.76
		For >10 To 20, Deduct	*-161.31*	
		For >20 To 40, Deduct	*-322.62*	
		For >40, Deduct	*-527.97*	
26 56 13 00-0162	EA	35' High, 10" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	7,776.30	917.46
		For >10 To 20, Deduct	*-194.41*	
		For >20 To 40, Deduct	*-388.82*	
		For >40, Deduct	*-629.10*	

26 56 13 00-0163 Round Tapered, Aluminum Roadway Light Poles With Davit Style Arm *(26 56 13 00-0091)*

26 56 13 00-0164 Round Tapered, Aluminum Roadway Light Poles With Single Davit Style Arm *(26 56 13 00-0163)*

26 56 13 00-0165	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	3,087.49	440.38
		For >10 To 20, Deduct	*-77.19*	
		For >20 To 40, Deduct	*-154.37*	
		For >40, Deduct	*-253.58*	
26 56 13 00-0166	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	3,166.10	440.38
		For >10 To 20, Deduct	*-79.15*	
		For >20 To 40, Deduct	*-158.31*	
		For >40, Deduct	*-259.48*	
26 56 13 00-0167	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	3,244.88	440.38
		For >10 To 20, Deduct	*-81.12*	
		For >20 To 40, Deduct	*-162.24*	
		For >40, Deduct	*-265.39*	
26 56 13 00-0168	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	3,702.52	587.18
		For >10 To 20, Deduct	*-92.56*	
		For >20 To 40, Deduct	*-185.13*	
		For >40, Deduct	*-307.05*	
26 56 13 00-0169	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	3,762.44	587.18
		For >10 To 20, Deduct	*-94.06*	
		For >20 To 40, Deduct	*-188.12*	
		For >40, Deduct	*-311.54*	
26 56 13 00-0170	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	3,827.91	587.18
		For >10 To 20, Deduct	*-95.70*	
		For >20 To 40, Deduct	*-191.40*	
		For >40, Deduct	*-316.45*	
26 56 13 00-0171	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	4,177.75	660.57
		For >10 To 20, Deduct	*-104.44*	
		For >20 To 40, Deduct	*-208.89*	
		For >40, Deduct	*-346.36*	
26 56 13 00-0172	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	4,259.10	660.57
		For >10 To 20, Deduct	*-106.48*	
		For >20 To 40, Deduct	*-212.96*	
		For >40, Deduct	*-352.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0173	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	4,271.30	660.57
		For >10 To 20, Deduct	*-106.78*	
		For >20 To 40, Deduct	*-213.57*	
		For >40, Deduct	*-353.38*	
26 56 13 00-0174	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	4,540.59	697.27
		For >10 To 20, Deduct	*-113.51*	
		For >20 To 40, Deduct	*-227.03*	
		For >40, Deduct	*-375.41*	
26 56 13 00-0175	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	4,576.27	697.27
		For >10 To 20, Deduct	*-114.41*	
		For >20 To 40, Deduct	*-228.81*	
		For >40, Deduct	*-378.08*	
26 56 13 00-0176	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	4,659.91	697.27
		For >10 To 20, Deduct	*-116.50*	
		For >20 To 40, Deduct	*-233.00*	
		For >40, Deduct	*-384.36*	

26 56 13 00-0177 Area Light Poles *(26 56 13 00-0001)*

Note: Excludes lighting fixtures.

26 56 13 00-0178 Steel Area Light Poles *(26 56 13 00-0177)*

Note: Includes powdercoat finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions, factory drilled fixture mounting holes and tenon, open or capped top.

26 56 13 00-0179 Round Straight, Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0180 Round Straight, Steel Area Light Poles, Anchor Base *(26 56 13 00-0179)*

26 56 13 00-0181	EA	10' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,375.01	256.88
		For Galvanized Finish, Add	*25.84*	
		For >10 To 20, Deduct	*-47.29*	
		For >20 To 40, Deduct	*-85.98*	
		For >40, Deduct	*-180.56*	
26 56 13 00-0182	EA	12' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,496.12	293.58
		For Galvanized Finish, Add	*27.27*	
		For >10 To 20, Deduct	*-51.04*	
		For >20 To 40, Deduct	*-92.98*	
		For >40, Deduct	*-195.06*	
26 56 13 00-0183	EA	14' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,672.10	330.28
		For Galvanized Finish, Add	*30.35*	
		For >10 To 20, Deduct	*-56.98*	
		For >20 To 40, Deduct	*-103.84*	
		For >40, Deduct	*-217.79*	
26 56 13 00-0184	EA	16' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,852.85	366.98
		For Galvanized Finish, Add	*33.57*	
		For >10 To 20, Deduct	*-63.10*	
		For >20 To 40, Deduct	*-115.02*	
		For >40, Deduct	*-241.23*	
26 56 13 00-0185	EA	18' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,973.96	403.68
		For Galvanized Finish, Add	*35.00*	
		For >10 To 20, Deduct	*-66.85*	
		For >20 To 40, Deduct	*-122.03*	
		For >40, Deduct	*-255.73*	
26 56 13 00-0186	EA	20' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,083.14	440.38
		For Galvanized Finish, Add	*36.07*	
		For >10 To 20, Deduct	*-70.11*	
		For >20 To 40, Deduct	*-128.20*	
		For >40, Deduct	*-268.43*	
26 56 13 00-0187	EA	10' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,437.04	256.88
		For Galvanized Finish, Add	*27.70*	
		For >10 To 20, Deduct	*-49.77*	
		For >20 To 40, Deduct	*-90.32*	
		For >40, Deduct	*-189.87*	
26 56 13 00-0188	EA	12' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,560.54	293.58
		For Galvanized Finish, Add	*29.20*	
		For >10 To 20, Deduct	*-53.61*	
		For >20 To 40, Deduct	*-97.49*	
		For >40, Deduct	*-204.72*	
26 56 13 00-0189	EA	14' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,800.93	330.28
		For Galvanized Finish, Add	*34.21*	
		For >10 To 20, Deduct	*-62.13*	
		For >20 To 40, Deduct	*-112.85*	
		For >40, Deduct	*-237.11*	
26 56 13 00-0190	EA	16' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,936.35	366.98
		For Galvanized Finish, Add	*36.07*	
		For >10 To 20, Deduct	*-66.44*	
		For >20 To 40, Deduct	*-120.87*	
		For >40, Deduct	*-253.75*	
26 56 13 00-0191	EA	18' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,064.61	403.68
		For Galvanized Finish, Add	*37.72*	
		For >10 To 20, Deduct	*-70.47*	
		For >20 To 40, Deduct	*-128.38*	
		For >40, Deduct	*-269.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0192	EA	20' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,169.03	440.38
		For Galvanized Finish, Add	*38.65*	
		For >10 To 20, Deduct	*-73.55*	
		For >20 To 40, Deduct	*-134.22*	
		For >40, Deduct	*-281.32*	
26 56 13 00-0193	EA	25' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,550.89	587.18
		For Galvanized Finish, Add	*41.30*	
		For >10 To 20, Deduct	*-84.42*	
		For >20 To 40, Deduct	*-155.08*	
		For >40, Deduct	*-323.92*	
26 56 13 00-0194	EA	10' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,437.04	256.88
		For Galvanized Finish, Add	*27.70*	
		For >10 To 20, Deduct	*-49.77*	
		For >20 To 40, Deduct	*-90.32*	
		For >40, Deduct	*-189.87*	
26 56 13 00-0195	EA	12' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,567.69	293.58
		For Galvanized Finish, Add	*29.42*	
		For >10 To 20, Deduct	*-53.90*	
		For >20 To 40, Deduct	*-97.99*	
		For >40, Deduct	*-205.79*	
26 56 13 00-0196	EA	14' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,839.10	330.28
		For Galvanized Finish, Add	*35.36*	
		For >10 To 20, Deduct	*-63.66*	
		For >20 To 40, Deduct	*-115.53*	
		For >40, Deduct	*-242.84*	
26 56 13 00-0197	EA	16' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,943.51	366.98
		For Galvanized Finish, Add	*36.29*	
		For >10 To 20, Deduct	*-66.73*	
		For >20 To 40, Deduct	*-121.37*	
		For >40, Deduct	*-254.83*	
26 56 13 00-0198	EA	18' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,064.61	403.68
		For Galvanized Finish, Add	*37.72*	
		For >10 To 20, Deduct	*-70.47*	
		For >20 To 40, Deduct	*-128.38*	
		For >40, Deduct	*-269.32*	
26 56 13 00-0199	EA	20' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,169.03	440.38
		For Galvanized Finish, Add	*38.65*	
		For >10 To 20, Deduct	*-73.55*	
		For >20 To 40, Deduct	*-134.22*	
		For >40, Deduct	*-281.32*	
26 56 13 00-0200	EA	25' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,617.69	587.18
		For Galvanized Finish, Add	*43.30*	
		For >10 To 20, Deduct	*-87.09*	
		For >20 To 40, Deduct	*-159.75*	
		For >40, Deduct	*-333.94*	
26 56 13 00-0201	EA	30' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,888.53	660.57
		For Galvanized Finish, Add	*47.02*	
		For >10 To 20, Deduct	*-95.72*	
		For >20 To 40, Deduct	*-175.77*	
		For >40, Deduct	*-367.22*	
26 56 13 00-0202	EA	20' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,321.71	440.38
		For Galvanized Finish, Add	*43.23*	
		For >10 To 20, Deduct	*-79.66*	
		For >20 To 40, Deduct	*-144.90*	
		For >40, Deduct	*-304.22*	
26 56 13 00-0203	EA	25' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,648.70	587.18
		For Galvanized Finish, Add	*44.23*	
		For >10 To 20, Deduct	*-88.33*	
		For >20 To 40, Deduct	*-161.92*	
		For >40, Deduct	*-338.59*	
26 56 13 00-0204	EA	30' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,948.17	660.57
		For Galvanized Finish, Add	*48.81*	
		For >10 To 20, Deduct	*-98.11*	
		For >20 To 40, Deduct	*-179.95*	
		For >40, Deduct	*-376.17*	

26 56 13 00-0205 Round Tapered, Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0206 Round Tapered, Steel Area Light Poles, Anchor Base *(26 56 13 00-0205)*

26 56 13 00-0207	EA	20' High, 5.90" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	2,860.87	440.38
		For Galvanized Finish, Add	*59.40*	
		For >10 To 20, Deduct	*-101.22*	
		For >20 To 40, Deduct	*-182.65*	
		For >40, Deduct	*-385.09*	
26 56 13 00-0208	EA	20' High, 6.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	2,934.83	440.38
		For Galvanized Finish, Add	*61.62*	
		For >10 To 20, Deduct	*-104.18*	
		For >20 To 40, Deduct	*-187.82*	
		For >40, Deduct	*-396.19*	
26 56 13 00-0209	EA	25' High, 5.90" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	3,390.65	587.18
		For Galvanized Finish, Add	*66.49*	
		For >10 To 20, Deduct	*-118.01*	
		For >20 To 40, Deduct	*-213.86*	
		For >40, Deduct	*-449.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0210	EA	25' High, 7.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	3,543.33	587.18
		For Galvanized Finish, Add	*71.07*	
		For >10 To 20, Deduct	*-124.12*	
		For >20 To 40, Deduct	*-224.55*	
		For >40, Deduct	*-472.78*	
26 56 13 00-0211	EA	30' High, 6.60" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	3,776.00	660.57
		For Galvanized Finish, Add	*73.65*	
		For >10 To 20, Deduct	*-131.22*	
		For >20 To 40, Deduct	*-237.90*	
		For >40, Deduct	*-500.34*	
26 56 13 00-0212	EA	30' High, 8.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,031.27	660.57
		For Galvanized Finish, Add	*81.30*	
		For >10 To 20, Deduct	*-141.43*	
		For >20 To 40, Deduct	*-255.77*	
		For >40, Deduct	*-538.63*	
26 56 13 00-0213	EA	35' High, 7.30" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,157.16	697.27
		For Galvanized Finish, Add	*82.88*	
		For >10 To 20, Deduct	*-145.37*	
		For >20 To 40, Deduct	*-263.11*	
		For >40, Deduct	*-553.85*	
26 56 13 00-0214	EA	35' High, 8.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,314.61	697.27
		For Galvanized Finish, Add	*87.60*	
		For >10 To 20, Deduct	*-151.67*	
		For >20 To 40, Deduct	*-274.13*	
		For >40, Deduct	*-577.46*	
26 56 13 00-0215	EA	35' High, 9.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,691.55	697.27
		For Galvanized Finish, Add	*98.91*	
		For >10 To 20, Deduct	*-166.74*	
		For >20 To 40, Deduct	*-300.52*	
		For >40, Deduct	*-634.01*	
26 56 13 00-0216	EA	39' High, 7.82" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,736.32	733.97
		For Galvanized Finish, Add	*98.05*	
		For >10 To 20, Deduct	*-167.43*	
		For >20 To 40, Deduct	*-302.18*	
		For >40, Deduct	*-637.05*	
26 56 13 00-0217	EA	39' High, 9.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,803.12	733.97
		For Galvanized Finish, Add	*100.06*	
		For >10 To 20, Deduct	*-170.11*	
		For >20 To 40, Deduct	*-306.86*	
		For >40, Deduct	*-647.07*	
26 56 13 00-0218	EA	45' High, 10.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	6,529.38	954.16
		For Galvanized Finish, Add	*138.63*	
		For >10 To 20, Deduct	*-232.55*	
		For >20 To 40, Deduct	*-418.89*	
		For >40, Deduct	*-883.99*	
26 56 13 00-0219	EA	50' High, 10.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	6,808.66	1,100.95
		For Galvanized Finish, Add	*138.20*	
		For >10 To 20, Deduct	*-239.32*	
		For >20 To 40, Deduct	*-432.57*	
		For >40, Deduct	*-911.20*	
26 56 13 00-0220	EA	25' High, 7.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,578.72	587.18
		For Galvanized Finish, Add	*102.13*	
		For >10 To 20, Deduct	*-165.53*	
		For >20 To 40, Deduct	*-297.02*	
		For >40, Deduct	*-628.09*	
26 56 13 00-0221	EA	30' High, 8.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	5,197.87	660.57
		For Galvanized Finish, Add	*116.30*	
		For >10 To 20, Deduct	*-188.10*	
		For >20 To 40, Deduct	*-337.43*	
		For >40, Deduct	*-713.62*	
26 56 13 00-0222	EA	39' High, 9.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	6,022.20	733.97
		For Galvanized Finish, Add	*136.63*	
		For >10 To 20, Deduct	*-218.87*	
		For >20 To 40, Deduct	*-392.20*	
		For >40, Deduct	*-829.93*	
26 56 13 00-0223	EA	45' High, 10.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	7,273.71	954.16
		For Galvanized Finish, Add	*160.96*	
		For >10 To 20, Deduct	*-262.32*	
		For >20 To 40, Deduct	*-470.99*	
		For >40, Deduct	*-995.64*	
26 56 13 00-0224	EA	50' High, 10.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	8,488.18	1,100.95
		For Galvanized Finish, Add	*188.59*	
		For >10 To 20, Deduct	*-306.50*	
		For >20 To 40, Deduct	*-550.13*	
		For >40, Deduct	*-1,163.13*	
26 56 13 00-0225	EA	50' High, 11.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	9,459.15	1,100.95
		For Galvanized Finish, Add	*217.72*	
		For >10 To 20, Deduct	*-345.34*	
		For >20 To 40, Deduct	*-618.10*	
		For >40, Deduct	*-1,308.78*	
26 56 13 00-0226	EA	50' High, 13.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	12,703.67	1,100.95
		For Galvanized Finish, Add	*315.05*	
		For >10 To 20, Deduct	*-475.12*	
		For >20 To 40, Deduct	*-845.22*	
		For >40, Deduct	*-1,795.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0227	EA	50' High, 13.00" Base OD, 3 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	14,278.22	1,100.95
		For Galvanized Finish, Add	*362.29*	
		For >10 To 20, Deduct	*-538.10*	
		For >20 To 40, Deduct	*-955.44*	
		For >40, Deduct	*-2,031.64*	
26 56 13 00-0228		Square Straight, Steel Area Light Poles *(26 56 13 00-0178)*		
26 56 13 00-0229		Square Straight, Steel Area Light Poles, Anchor Base *(26 56 13 00-0228)*		
26 56 13 00-0230	EA	10' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,355.92	256.88
		For Galvanized Finish, Add	*25.26*	
		For >10 To 20, Deduct	*-46.53*	
		For >20 To 40, Deduct	*-84.64*	
		For >40, Deduct	*-177.70*	
26 56 13 00-0231	EA	12' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,429.32	293.58
		For Galvanized Finish, Add	*25.26*	
		For >10 To 20, Deduct	*-48.37*	
		For >20 To 40, Deduct	*-88.31*	
		For >40, Deduct	*-185.04*	
26 56 13 00-0232	EA	14' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,543.27	330.28
		For Galvanized Finish, Add	*26.48*	
		For >10 To 20, Deduct	*-51.82*	
		For >20 To 40, Deduct	*-94.82*	
		For >40, Deduct	*-198.46*	
26 56 13 00-0233	EA	15' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,637.23	348.64
		For Galvanized Finish, Add	*28.20*	
		For >10 To 20, Deduct	*-55.03*	
		For >20 To 40, Deduct	*-100.66*	
		For >40, Deduct	*-210.72*	
26 56 13 00-0234	EA	16' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,673.93	366.98
		For Galvanized Finish, Add	*28.20*	
		For >10 To 20, Deduct	*-55.95*	
		For >20 To 40, Deduct	*-102.50*	
		For >40, Deduct	*-214.39*	
26 56 13 00-0235	EA	18' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,773.56	403.68
		For Galvanized Finish, Add	*28.99*	
		For >10 To 20, Deduct	*-58.83*	
		For >20 To 40, Deduct	*-108.00*	
		For >40, Deduct	*-225.67*	
26 56 13 00-0236	EA	20' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,868.43	440.38
		For Galvanized Finish, Add	*29.63*	
		For >10 To 20, Deduct	*-61.53*	
		For >20 To 40, Deduct	*-113.17*	
		For >40, Deduct	*-236.23*	
26 56 13 00-0237	EA	25' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,305.16	587.18
		For Galvanized Finish, Add	*33.92*	
		For >10 To 20, Deduct	*-74.59*	
		For >20 To 40, Deduct	*-137.87*	
		For >40, Deduct	*-287.06*	
26 56 13 00-0238	EA	20' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,190.50	440.38
		For Galvanized Finish, Add	*39.29*	
		For >10 To 20, Deduct	*-74.41*	
		For >20 To 40, Deduct	*-135.72*	
		For >40, Deduct	*-284.54*	
26 56 13 00-0239	EA	25' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,748.90	587.18
		For Galvanized Finish, Add	*47.24*	
		For >10 To 20, Deduct	*-92.34*	
		For >20 To 40, Deduct	*-168.94*	
		For >40, Deduct	*-353.62*	
26 56 13 00-0240	EA	30' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	3,155.73	660.57
		For Galvanized Finish, Add	*55.04*	
		For >10 To 20, Deduct	*-106.41*	
		For >20 To 40, Deduct	*-194.48*	
		For >40, Deduct	*-407.30*	
26 56 13 00-0241	EA	20' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,102.23	440.38
		For Galvanized Finish, Add	*36.64*	
		For >10 To 20, Deduct	*-70.88*	
		For >20 To 40, Deduct	*-129.54*	
		For >40, Deduct	*-271.30*	
26 56 13 00-0242	EA	25' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,577.13	587.18
		For Galvanized Finish, Add	*42.08*	
		For >10 To 20, Deduct	*-85.47*	
		For >20 To 40, Deduct	*-156.91*	
		For >40, Deduct	*-327.85*	
26 56 13 00-0243	EA	30' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	3,007.82	660.57
		For Galvanized Finish, Add	*50.60*	
		For >10 To 20, Deduct	*-100.50*	
		For >20 To 40, Deduct	*-184.12*	
		For >40, Deduct	*-385.12*	
26 56 13 00-0244	EA	20' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,405.21	440.38
		For Galvanized Finish, Add	*45.73*	
		For >10 To 20, Deduct	*-83.00*	
		For >20 To 40, Deduct	*-150.75*	
		For >40, Deduct	*-316.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0245	EA	25' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,963.61	587.18
		For Galvanized Finish, Add	*53.68*	
		For >10 To 20, Deduct	*-100.93*	
		For >20 To 40, Deduct	*-183.97*	
		For >40, Deduct	*-385.82*	
26 56 13 00-0246	EA	30' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	3,358.51	660.57
		For Galvanized Finish, Add	*61.12*	
		For >10 To 20, Deduct	*-114.52*	
		For >20 To 40, Deduct	*-208.67*	
		For >40, Deduct	*-437.72*	
26 56 13 00-0247	EA	35' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	3,727.74	697.27
		For Galvanized Finish, Add	*70.00*	
		For >10 To 20, Deduct	*-128.19*	
		For >20 To 40, Deduct	*-233.05*	
		For >40, Deduct	*-489.43*	
26 56 13 00-0248	EA	30' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	3,828.49	660.57
		For Galvanized Finish, Add	*75.22*	
		For >10 To 20, Deduct	*-133.32*	
		For >20 To 40, Deduct	*-241.57*	
		For >40, Deduct	*-508.22*	
26 56 13 00-0249	EA	35' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	4,200.10	697.27
		For Galvanized Finish, Add	*84.17*	
		For >10 To 20, Deduct	*-147.09*	
		For >20 To 40, Deduct	*-266.12*	
		For >40, Deduct	*-560.29*	
26 56 13 00-0250	EA	40' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	4,442.88	733.97
		For Galvanized Finish, Add	*89.25*	
		For >10 To 20, Deduct	*-155.70*	
		For >20 To 40, Deduct	*-281.64*	
		For >40, Deduct	*-593.04*	

26 56 13 00-0251 Hinged, Square Straight, Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0252 Hinged, Square Straight, Steel Area Light Poles, Anchor Base *(26 56 13 00-0251)*

26 56 13 00-0253	EA	20' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	4,836.72	440.38
		For Galvanized Finish, Add	*118.68*	
		For >10 To 20, Deduct	*-180.26*	
		For >20 To 40, Deduct	*-320.96*	
		For >40, Deduct	*-681.47*	
26 56 13 00-0254	EA	25' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,399.28	587.18
		For Galvanized Finish, Add	*126.75*	
		For >10 To 20, Deduct	*-198.36*	
		For >20 To 40, Deduct	*-354.46*	
		For >40, Deduct	*-751.17*	
26 56 13 00-0255	EA	30' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	7,555.77	660.57
		For Galvanized Finish, Add	*187.04*	
		For >10 To 20, Deduct	*-282.41*	
		For >20 To 40, Deduct	*-502.48*	
		For >40, Deduct	*-1,067.31*	
26 56 13 00-0256	EA	20' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	4,933.14	440.38
		For Galvanized Finish, Add	*121.57*	
		For >10 To 20, Deduct	*-184.11*	
		For >20 To 40, Deduct	*-327.70*	
		For >40, Deduct	*-695.93*	
26 56 13 00-0257	EA	25' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,960.07	587.18
		For Galvanized Finish, Add	*143.57*	
		For >10 To 20, Deduct	*-220.79*	
		For >20 To 40, Deduct	*-393.72*	
		For >40, Deduct	*-835.29*	
26 56 13 00-0258	EA	30' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	8,390.60	660.57
		For Galvanized Finish, Add	*212.08*	
		For >10 To 20, Deduct	*-315.81*	
		For >20 To 40, Deduct	*-560.92*	
		For >40, Deduct	*-1,192.53*	
26 56 13 00-0259	EA	35' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	9,628.71	697.27
		For Galvanized Finish, Add	*247.03*	
		For >10 To 20, Deduct	*-364.23*	
		For >20 To 40, Deduct	*-646.12*	
		For >40, Deduct	*-1,374.58*	
26 56 13 00-0260	EA	39' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	11,318.50	733.97
		For Galvanized Finish, Add	*295.52*	
		For >10 To 20, Deduct	*-430.72*	
		For >20 To 40, Deduct	*-762.94*	
		For >40, Deduct	*-1,624.38*	
26 56 13 00-0261	EA	20' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	4,684.47	440.38
		For Galvanized Finish, Add	*114.11*	
		For >10 To 20, Deduct	*-174.17*	
		For >20 To 40, Deduct	*-310.30*	
		For >40, Deduct	*-658.63*	
26 56 13 00-0262	EA	25' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,155.68	587.18
		For Galvanized Finish, Add	*119.44*	
		For >10 To 20, Deduct	*-188.61*	
		For >20 To 40, Deduct	*-337.41*	
		For >40, Deduct	*-714.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0263	EA	30' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	7,126.93	660.57
		For Galvanized Finish, Add	*174.17*	
		For >10 To 20, Deduct	*-265.26*	
		For >20 To 40, Deduct	*-472.46*	
		For >40, Deduct	*-1,002.98*	
26 56 13 00-0264	EA	20' High, 6.44" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	4,859.55	440.38
		For Galvanized Finish, Add	*119.36*	
		For >10 To 20, Deduct	*-181.17*	
		For >20 To 40, Deduct	*-322.55*	
		For >40, Deduct	*-684.89*	
26 56 13 00-0265	EA	25' High, 6.44" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,731.69	587.18
		For Galvanized Finish, Add	*136.72*	
		For >10 To 20, Deduct	*-211.65*	
		For >20 To 40, Deduct	*-377.73*	
		For >40, Deduct	*-801.04*	
26 56 13 00-0266	EA	30' High, 6.44" OD, 7 Gauge, Hinged Square Straight, Steel Area Light Pole, Anchor Base	8,073.42	660.57
		For Galvanized Finish, Add	*202.57*	
		For >10 To 20, Deduct	*-303.12*	
		For >20 To 40, Deduct	*-538.72*	
		For >40, Deduct	*-1,144.96*	
26 56 13 00-0267	EA	20' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,128.53	440.38
		For Galvanized Finish, Add	*127.43*	
		For >10 To 20, Deduct	*-191.93*	
		For >20 To 40, Deduct	*-341.38*	
		For >40, Deduct	*-725.24*	
26 56 13 00-0268	EA	25' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	6,216.35	587.18
		For Galvanized Finish, Add	*151.26*	
		For >10 To 20, Deduct	*-231.04*	
		For >20 To 40, Deduct	*-411.66*	
		For >40, Deduct	*-873.74*	
26 56 13 00-0269	EA	30' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	8,644.35	660.57
		For Galvanized Finish, Add	*219.70*	
		For >10 To 20, Deduct	*-325.96*	
		For >20 To 40, Deduct	*-578.68*	
		For >40, Deduct	*-1,230.60*	
26 56 13 00-0270	EA	35' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	9,938.29	697.27
		For Galvanized Finish, Add	*256.31*	
		For >10 To 20, Deduct	*-376.61*	
		For >20 To 40, Deduct	*-667.79*	
		For >40, Deduct	*-1,421.02*	
26 56 13 00-0271	EA	39' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	11,483.44	733.97
		For Galvanized Finish, Add	*300.47*	
		For >10 To 20, Deduct	*-437.32*	
		For >20 To 40, Deduct	*-774.48*	
		For >40, Deduct	*-1,649.12*	

26 56 13 00-0272 Square Tapered, Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0273 Square Tapered, Steel Area Light Poles, Anchor Base *(26 56 13 00-0272)*

26 56 13 00-0274	EA	20' High, 5.25" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	3,664.85	440.38
		For Galvanized Finish, Add	*83.52*	
		For >10 To 20, Deduct	*-133.38*	
		For >20 To 40, Deduct	*-238.92*	
		For >40, Deduct	*-505.69*	
26 56 13 00-0275	EA	25' High, 6.00" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	4,449.89	587.18
		For Galvanized Finish, Add	*98.27*	
		For >10 To 20, Deduct	*-160.38*	
		For >20 To 40, Deduct	*-288.01*	
		For >40, Deduct	*-608.77*	
26 56 13 00-0276	EA	30' High, 6.41" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	4,952.14	660.57
		For Galvanized Finish, Add	*108.93*	
		For >10 To 20, Deduct	*-178.27*	
		For >20 To 40, Deduct	*-320.23*	
		For >40, Deduct	*-676.76*	
26 56 13 00-0277	EA	35' High, 6.81" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	5,495.52	697.27
		For Galvanized Finish, Add	*123.03*	
		For >10 To 20, Deduct	*-198.90*	
		For >20 To 40, Deduct	*-356.80*	
		For >40, Deduct	*-754.60*	
26 56 13 00-0278	EA	39' High, 7.18" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	5,793.18	733.97
		For Galvanized Finish, Add	*129.76*	
		For >10 To 20, Deduct	*-209.71*	
		For >20 To 40, Deduct	*-376.16*	
		For >40, Deduct	*-795.58*	
26 56 13 00-0279	EA	20' High, 5.50" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	4,736.02	440.38
		For Galvanized Finish, Add	*115.66*	
		For >10 To 20, Deduct	*-176.23*	
		For >20 To 40, Deduct	*-313.91*	
		For >40, Deduct	*-666.37*	
26 56 13 00-0280	EA	25' High, 6.41" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	5,289.65	587.18
		For Galvanized Finish, Add	*123.46*	
		For >10 To 20, Deduct	*-193.97*	
		For >20 To 40, Deduct	*-346.79*	
		For >40, Deduct	*-734.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0281	EA	30' High, 6.41" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	5,639.22	660.57
		For Galvanized Finish, Add	*129.54*	
		For >10 To 20, Deduct	*-205.75*	
		For >20 To 40, Deduct	*-368.32*	
		For >40, Deduct	*-779.83*	
26 56 13 00-0282	EA	30' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	6,269.04	660.57
		For Galvanized Finish, Add	*148.44*	
		For >10 To 20, Deduct	*-230.94*	
		For >20 To 40, Deduct	*-412.41*	
		For >40, Deduct	*-874.30*	
26 56 13 00-0283	EA	35' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	6,795.72	697.27
		For Galvanized Finish, Add	*162.04*	
		For >10 To 20, Deduct	*-250.91*	
		For >20 To 40, Deduct	*-447.81*	
		For >40, Deduct	*-949.63*	
26 56 13 00-0284	EA	35' High, 7.88" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	7,575.84	697.27
		For Galvanized Finish, Add	*185.44*	
		For >10 To 20, Deduct	*-282.12*	
		For >20 To 40, Deduct	*-502.42*	
		For >40, Deduct	*-1,066.65*	
26 56 13 00-0285	EA	39' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	6,904.90	733.97
		For Galvanized Finish, Add	*163.11*	
		For >10 To 20, Deduct	*-254.18*	
		For >20 To 40, Deduct	*-453.98*	
		For >40, Deduct	*-962.34*	
26 56 13 00-0286	EA	39' High, 8.75" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	8,825.38	733.97
		For Galvanized Finish, Add	*220.72*	
		For >10 To 20, Deduct	*-331.00*	
		For >20 To 40, Deduct	*-588.42*	
		For >40, Deduct	*-1,250.41*	
26 56 13 00-0287	EA	45' High, 7.88" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	8,154.03	954.16
		For Galvanized Finish, Add	*187.37*	
		For >10 To 20, Deduct	*-297.54*	
		For >20 To 40, Deduct	*-532.62*	
		For >40, Deduct	*-1,127.69*	
26 56 13 00-0288	EA	45' High, 8.75" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	9,463.77	954.16
		For Galvanized Finish, Add	*226.66*	
		For >10 To 20, Deduct	*-349.93*	
		For >20 To 40, Deduct	*-624.30*	
		For >40, Deduct	*-1,324.15*	
26 56 13 00-0289	EA	50' High, 8.81" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	9,824.16	1,100.95
		For Galvanized Finish, Add	*228.67*	
		For >10 To 20, Deduct	*-359.94*	
		For >20 To 40, Deduct	*-643.65*	
		For >40, Deduct	*-1,363.53*	

26 56 13 00-0290 Factory Accessories For Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0291	EA	1/2", 3/4" Or 1" Diameter, Factory Threaded Pipe Coupling Or Nipple For Steel Area Light Poles	84.58
26 56 13 00-0292	EA	Extra Handhole For Steel Area Light Poles	125.79
26 56 13 00-0293	EA	Vibration Dampener For Steel Area Light Poles	127.96

26 56 13 00-0294 Aluminum Area Light Poles *(26 56 13 00-0177)*

Note: Includes satin brushed or painted finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions, factory drilled fixture mounting holes and tenon, open or capped top.

26 56 13 00-0295 Round Straight, Aluminum Area Light Poles *(26 56 13 00-0294)*

26 56 13 00-0296 Round Straight, Aluminum Area Light Poles, Anchor Base *(26 56 13 00-0295)*

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0297	EA	8' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	821.80	220.20
		For Bronze Or Satin Anodized Finish, Add	*38.14*	
		For Black Anodized Finish, Add	*76.28*	
		For >10 To 20, Deduct	*-26.27*	
		For >20 To 40, Deduct	*-48.72*	
		For >40, Deduct	*-101.25*	
26 56 13 00-0298	EA	10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	914.76	256.88
		For Bronze Or Satin Anodized Finish, Add	*40.10*	
		For Black Anodized Finish, Add	*80.20*	
		For >10 To 20, Deduct	*-28.88*	
		For >20 To 40, Deduct	*-53.76*	
		For >40, Deduct	*-111.53*	
26 56 13 00-0299	EA	12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	1,012.61	293.58
		For Bronze Or Satin Anodized Finish, Add	*42.54*	
		For Black Anodized Finish, Add	*85.09*	
		For >10 To 20, Deduct	*-31.70*	
		For >20 To 40, Deduct	*-59.14*	
		For >40, Deduct	*-122.53*	
26 56 13 00-0300	EA	14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	1,111.43	330.28
		For Bronze Or Satin Anodized Finish, Add	*45.09*	
		For Black Anodized Finish, Add	*90.17*	
		For >10 To 20, Deduct	*-34.55*	
		For >20 To 40, Deduct	*-64.59*	
		For >40, Deduct	*-133.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0301	EA	15' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	1,164.76	348.64
		For Bronze Or Satin Anodized Finish, Add	*46.75*	
		For Black Anodized Finish, Add	*93.50*	
		For >10 To 20, Deduct	*-36.13*	
		For >20 To 40, Deduct	*-67.59*	
		For >40, Deduct	*-139.85*	
26 56 13 00-0302	EA	16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	1,217.11	366.98
		For Bronze Or Satin Anodized Finish, Add	*48.31*	
		For Black Anodized Finish, Add	*96.63*	
		For >10 To 20, Deduct	*-37.67*	
		For >20 To 40, Deduct	*-70.52*	
		For >40, Deduct	*-145.87*	
26 56 13 00-0303	EA	16' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,275.79	366.98
		For Bronze Or Satin Anodized Finish, Add	*54.18*	
		For Black Anodized Finish, Add	*108.36*	
		For >10 To 20, Deduct	*-40.02*	
		For >20 To 40, Deduct	*-74.63*	
		For >40, Deduct	*-154.67*	
26 56 13 00-0304	EA	18' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,386.34	403.68
		For Bronze Or Satin Anodized Finish, Add	*57.90*	
		For Black Anodized Finish, Add	*115.80*	
		For >10 To 20, Deduct	*-43.34*	
		For >20 To 40, Deduct	*-80.90*	
		For >40, Deduct	*-167.58*	
26 56 13 00-0305	EA	20' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,491.04	440.38
		For Bronze Or Satin Anodized Finish, Add	*61.03*	
		For Black Anodized Finish, Add	*122.06*	
		For >10 To 20, Deduct	*-46.43*	
		For >20 To 40, Deduct	*-86.76*	
		For >40, Deduct	*-179.62*	
26 56 13 00-0306	EA	15' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,380.90	348.64
		For Bronze Or Satin Anodized Finish, Add	*68.36*	
		For Black Anodized Finish, Add	*136.73*	
		For >10 To 20, Deduct	*-44.78*	
		For >20 To 40, Deduct	*-82.72*	
		For >40, Deduct	*-172.27*	
26 56 13 00-0307	EA	20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,707.18	440.38
		For Bronze Or Satin Anodized Finish, Add	*82.64*	
		For Black Anodized Finish, Add	*165.28*	
		For >10 To 20, Deduct	*-55.08*	
		For >20 To 40, Deduct	*-101.89*	
		For >40, Deduct	*-212.04*	
26 56 13 00-0308	EA	20' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,816.72	440.38
		For Bronze Or Satin Anodized Finish, Add	*93.60*	
		For Black Anodized Finish, Add	*187.19*	
		For >10 To 20, Deduct	*-59.46*	
		For >20 To 40, Deduct	*-109.56*	
		For >40, Deduct	*-228.47*	
26 56 13 00-0309	EA	25' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	2,213.00	587.18
		For Bronze Or Satin Anodized Finish, Add	*103.87*	
		For Black Anodized Finish, Add	*207.73*	
		For >10 To 20, Deduct	*-70.90*	
		For >20 To 40, Deduct	*-131.42*	
		For >40, Deduct	*-273.23*	
26 56 13 00-0310	EA	30' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	2,554.41	660.57
		For Bronze Or Satin Anodized Finish, Add	*123.33*	
		For Black Anodized Finish, Add	*246.65*	
		For >10 To 20, Deduct	*-82.36*	
		For >20 To 40, Deduct	*-152.39*	
		For >40, Deduct	*-317.10*	
26 56 13 00-0311	EA	20' High, 4" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	1,558.52	440.38
		For Bronze Or Satin Anodized Finish, Add	*67.78*	
		For Black Anodized Finish, Add	*135.55*	
		For >10 To 20, Deduct	*-49.13*	
		For >20 To 40, Deduct	*-91.48*	
		For >40, Deduct	*-189.74*	
26 56 13 00-0312	EA	20' High, 5" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	1,807.91	440.38
		For Bronze Or Satin Anodized Finish, Add	*92.72*	
		For Black Anodized Finish, Add	*185.43*	
		For >10 To 20, Deduct	*-59.11*	
		For >20 To 40, Deduct	*-108.94*	
		For >40, Deduct	*-227.15*	
26 56 13 00-0313	EA	25' High, 5" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	2,197.35	587.18
		For Bronze Or Satin Anodized Finish, Add	*102.30*	
		For Black Anodized Finish, Add	*204.60*	
		For >10 To 20, Deduct	*-70.28*	
		For >20 To 40, Deduct	*-130.33*	
		For >40, Deduct	*-270.89*	
26 56 13 00-0314	EA	25' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	2,339.16	587.18
		For Bronze Or Satin Anodized Finish, Add	*116.48*	
		For Black Anodized Finish, Add	*232.96*	
		For >10 To 20, Deduct	*-75.95*	
		For >20 To 40, Deduct	*-140.25*	
		For >40, Deduct	*-292.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0315	EA	30' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	2,714.80	660.57
		For Bronze Or Satin Anodized Finish, Add	*139.37*	
		For Black Anodized Finish, Add	*278.73*	
		For >10 To 20, Deduct	*-88.77*	
		For >20 To 40, Deduct	*-163.61*	
		For >40, Deduct	*-341.16*	

26 56 13 00-0316 Round Straight, Aluminum Area Light Poles, Hinged Anchor Base *(26 56 13 00-0295)*

26 56 13 00-0317	EA	8' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	921.56	220.20
		For Bronze, Satin Or Black Anodized Finish, Add	*72.18*	
		For >10 To 20, Deduct	*-30.26*	
		For >20 To 40, Deduct	*-55.70*	
		For >40, Deduct	*-116.22*	
26 56 13 00-0318	EA	10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,034.08	256.88
		For Bronze, Satin Or Black Anodized Finish, Add	*78.05*	
		For >10 To 20, Deduct	*-33.66*	
		For >20 To 40, Deduct	*-62.11*	
		For >40, Deduct	*-129.42*	
26 56 13 00-0319	EA	12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,142.69	293.58
		For Bronze, Satin Or Black Anodized Finish, Add	*83.33*	
		For >10 To 20, Deduct	*-36.90*	
		For >20 To 40, Deduct	*-68.24*	
		For >40, Deduct	*-142.04*	
26 56 13 00-0320	EA	14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,232.71	330.28
		For Bronze, Satin Or Black Anodized Finish, Add	*85.82*	
		For >10 To 20, Deduct	*-39.40*	
		For >20 To 40, Deduct	*-73.08*	
		For >40, Deduct	*-151.88*	
26 56 13 00-0321	EA	16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,334.47	366.98
		For Bronze, Satin Or Black Anodized Finish, Add	*90.08*	
		For >10 To 20, Deduct	*-42.37*	
		For >20 To 40, Deduct	*-78.73*	
		For >40, Deduct	*-163.47*	
26 56 13 00-0322	EA	10' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,054.62	256.88
		For Bronze, Satin Or Black Anodized Finish, Add	*81.13*	
		For >10 To 20, Deduct	*-34.48*	
		For >20 To 40, Deduct	*-63.55*	
		For >40, Deduct	*-132.50*	
26 56 13 00-0323	EA	12' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,161.27	293.58
		For Bronze, Satin Or Black Anodized Finish, Add	*86.11*	
		For >10 To 20, Deduct	*-37.64*	
		For >20 To 40, Deduct	*-69.55*	
		For >40, Deduct	*-144.83*	
26 56 13 00-0324	EA	14' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,270.85	330.28
		For Bronze, Satin Or Black Anodized Finish, Add	*91.54*	
		For >10 To 20, Deduct	*-40.93*	
		For >20 To 40, Deduct	*-75.75*	
		For >40, Deduct	*-157.60*	
26 56 13 00-0325	EA	16' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,379.46	366.98
		For Bronze, Satin Or Black Anodized Finish, Add	*96.82*	
		For >10 To 20, Deduct	*-44.17*	
		For >20 To 40, Deduct	*-81.88*	
		For >40, Deduct	*-170.22*	
26 56 13 00-0326	EA	18' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,492.94	403.68
		For Bronze, Satin Or Black Anodized Finish, Add	*102.84*	
		For >10 To 20, Deduct	*-47.61*	
		For >20 To 40, Deduct	*-88.36*	
		For >40, Deduct	*-183.57*	
26 56 13 00-0327	EA	20' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,600.58	440.38
		For Bronze, Satin Or Black Anodized Finish, Add	*107.97*	
		For >10 To 20, Deduct	*-50.81*	
		For >20 To 40, Deduct	*-94.43*	
		For >40, Deduct	*-196.05*	
26 56 13 00-0328	EA	12' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,199.41	293.58
		For Bronze, Satin Or Black Anodized Finish, Add	*91.83*	
		For >10 To 20, Deduct	*-39.17*	
		For >20 To 40, Deduct	*-72.22*	
		For >40, Deduct	*-150.55*	
26 56 13 00-0329	EA	14' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,315.84	330.28
		For Bronze, Satin Or Black Anodized Finish, Add	*98.29*	
		For >10 To 20, Deduct	*-42.73*	
		For >20 To 40, Deduct	*-78.90*	
		For >40, Deduct	*-164.35*	
26 56 13 00-0330	EA	16' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,431.29	366.98
		For Bronze, Satin Or Black Anodized Finish, Add	*104.60*	
		For >10 To 20, Deduct	*-46.24*	
		For >20 To 40, Deduct	*-85.51*	
		For >40, Deduct	*-178.00*	
26 56 13 00-0331	EA	18' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,548.69	403.68
		For Bronze, Satin Or Black Anodized Finish, Add	*111.20*	
		For >10 To 20, Deduct	*-49.84*	
		For >20 To 40, Deduct	*-92.26*	
		For >40, Deduct	*-191.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0332	EA	16' High, 6" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,486.06	366.98
		For Bronze, Satin Or Black Anodized Finish, Add	*112.81*	
		For >10 To 20, Deduct	*-48.43*	
		For >20 To 40, Deduct	*-89.34*	
		For >40, Deduct	*-186.21*	
26 56 13 00-0333	EA	20' High, 6" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,728.69	440.38
		For Bronze, Satin Or Black Anodized Finish, Add	*127.19*	
		For >10 To 20, Deduct	*-55.94*	
		For >20 To 40, Deduct	*-103.39*	
		For >40, Deduct	*-215.27*	
26 56 13 00-0334	EA	12' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,235.60	293.58
		For Bronze, Satin Or Black Anodized Finish, Add	*97.26*	
		For >10 To 20, Deduct	*-40.62*	
		For >20 To 40, Deduct	*-74.75*	
		For >40, Deduct	*-155.98*	
26 56 13 00-0335	EA	14' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,362.78	330.28
		For Bronze, Satin Or Black Anodized Finish, Add	*105.33*	
		For >10 To 20, Deduct	*-44.60*	
		For >20 To 40, Deduct	*-82.18*	
		For >40, Deduct	*-171.39*	
26 56 13 00-0336	EA	16' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,480.19	366.98
		For Bronze, Satin Or Black Anodized Finish, Add	*111.93*	
		For >10 To 20, Deduct	*-48.20*	
		For >20 To 40, Deduct	*-88.93*	
		For >40, Deduct	*-185.33*	
26 56 13 00-0337	EA	18' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,603.46	403.68
		For Bronze, Satin Or Black Anodized Finish, Add	*119.42*	
		For >10 To 20, Deduct	*-52.03*	
		For >20 To 40, Deduct	*-96.10*	
		For >40, Deduct	*-200.15*	
26 56 13 00-0338	EA	20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,723.80	440.38
		For Bronze, Satin Or Black Anodized Finish, Add	*126.46*	
		For >10 To 20, Deduct	*-55.74*	
		For >20 To 40, Deduct	*-103.05*	
		For >40, Deduct	*-214.53*	
26 56 13 00-0339	EA	16' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,551.59	366.98
		For Bronze, Satin Or Black Anodized Finish, Add	*122.64*	
		For >10 To 20, Deduct	*-51.05*	
		For >20 To 40, Deduct	*-93.93*	
		For >40, Deduct	*-196.04*	
26 56 13 00-0340	EA	18' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,683.66	403.68
		For Bronze, Satin Or Black Anodized Finish, Add	*131.45*	
		For >10 To 20, Deduct	*-55.24*	
		For >20 To 40, Deduct	*-101.71*	
		For >40, Deduct	*-212.18*	
26 56 13 00-0341	EA	20' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,754.12	440.38
		For Bronze, Satin Or Black Anodized Finish, Add	*131.00*	
		For >10 To 20, Deduct	*-56.95*	
		For >20 To 40, Deduct	*-105.17*	
		For >40, Deduct	*-219.08*	

26 56 13 00-0342 Round Straight, Aluminum Area Light Poles, Direct Burial *(26 56 13 00-0295)*

Note: Includes rubberized undercoating on embedded portion.

26 56 13 00-0343	EA	10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	726.89	183.50
		For Bronze Or Satin Anodized Finish, Add	*35.99*	
		For Black Anodized Finish, Add	*71.98*	
		For >10 To 20, Deduct	*-23.57*	
		For >20 To 40, Deduct	*-43.54*	
		For >40, Deduct	*-90.68*	
26 56 13 00-0344	EA	12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	782.17	201.84
		For Bronze Or Satin Anodized Finish, Add	*37.85*	
		For Black Anodized Finish, Add	*75.70*	
		For >10 To 20, Deduct	*-25.23*	
		For >20 To 40, Deduct	*-46.68*	
		For >40, Deduct	*-97.14*	
26 56 13 00-0345	EA	14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	862.88	220.20
		For Bronze Or Satin Anodized Finish, Add	*42.25*	
		For Black Anodized Finish, Add	*84.50*	
		For >10 To 20, Deduct	*-27.91*	
		For >20 To 40, Deduct	*-51.59*	
		For >40, Deduct	*-107.41*	
26 56 13 00-0346	EA	15' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	885.37	220.20
		For Bronze Or Satin Anodized Finish, Add	*44.50*	
		For Black Anodized Finish, Add	*89.00*	
		For >10 To 20, Deduct	*-28.81*	
		For >20 To 40, Deduct	*-53.17*	
		For >40, Deduct	*-110.79*	
26 56 13 00-0347	EA	16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	913.74	220.20
		For Bronze Or Satin Anodized Finish, Add	*47.34*	
		For Black Anodized Finish, Add	*94.67*	
		For >10 To 20, Deduct	*-29.94*	
		For >20 To 40, Deduct	*-55.15*	
		For >40, Deduct	*-115.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0348	EA	18' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,036.50	238.54
		For Bronze Or Satin Anodized Finish, Add	*55.94*	
		For Black Anodized Finish, Add	*111.88*	
		For >10 To 20, Deduct	*-34.30*	
		For >20 To 40, Deduct	*-63.01*	
		For >40, Deduct	*-131.62*	
26 56 13 00-0349	EA	20' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,109.39	256.88
		For Bronze Or Satin Anodized Finish, Add	*59.56*	
		For Black Anodized Finish, Add	*119.12*	
		For >10 To 20, Deduct	*-36.67*	
		For >20 To 40, Deduct	*-67.38*	
		For >40, Deduct	*-140.72*	
26 56 13 00-0350	EA	20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,260.98	256.88
		For Bronze Or Satin Anodized Finish, Add	*74.72*	
		For Black Anodized Finish, Add	*149.44*	
		For >10 To 20, Deduct	*-42.73*	
		For >20 To 40, Deduct	*-77.99*	
		For >40, Deduct	*-163.46*	
26 56 13 00-0351	EA	25' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,529.00	293.58
		For Bronze Or Satin Anodized Finish, Add	*94.18*	
		For Black Anodized Finish, Add	*188.36*	
		For >10 To 20, Deduct	*-52.35*	
		For >20 To 40, Deduct	*-95.29*	
		For >40, Deduct	*-199.99*	
26 56 13 00-0352	EA	30' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,733.45	330.28
		For Bronze Or Satin Anodized Finish, Add	*107.29*	
		For Black Anodized Finish, Add	*214.58*	
		For >10 To 20, Deduct	*-59.43*	
		For >20 To 40, Deduct	*-108.13*	
		For >40, Deduct	*-226.99*	
26 56 13 00-0353	EA	30' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Direct Burial	1,912.42	330.28
		For Bronze Or Satin Anodized Finish, Add	*125.19*	
		For Black Anodized Finish, Add	*250.37*	
		For >10 To 20, Deduct	*-66.59*	
		For >20 To 40, Deduct	*-120.66*	
		For >40, Deduct	*-253.83*	
26 56 13 00-0354		Round Tapered, Aluminum Area Light Poles *(26 56 13 00-0294)*		
26 56 13 00-0355		Round Tapered, Aluminum Area Light Poles, Anchor Base *(26 56 13 00-0354)*		
26 56 13 00-0356	EA	8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	717.16	220.20
		For Bronze Or Satin Anodized Finish, Add	*27.68*	
		For Black Anodized Finish, Add	*55.36*	
		For >10 To 20, Deduct	*-22.08*	
		For >20 To 40, Deduct	*-41.39*	
		For >40, Deduct	*-85.56*	
26 56 13 00-0357	EA	10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	813.05	256.88
		For Bronze Or Satin Anodized Finish, Add	*29.93*	
		For Black Anodized Finish, Add	*59.85*	
		For >10 To 20, Deduct	*-24.82*	
		For >20 To 40, Deduct	*-46.64*	
		For >40, Deduct	*-96.27*	
26 56 13 00-0358	EA	12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	908.95	293.58
		For Bronze Or Satin Anodized Finish, Add	*32.18*	
		For Black Anodized Finish, Add	*64.35*	
		For >10 To 20, Deduct	*-27.55*	
		For >20 To 40, Deduct	*-51.88*	
		For >40, Deduct	*-106.98*	
26 56 13 00-0359	EA	14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,013.63	330.28
		For Bronze Or Satin Anodized Finish, Add	*35.31*	
		For Black Anodized Finish, Add	*70.61*	
		For >10 To 20, Deduct	*-30.64*	
		For >20 To 40, Deduct	*-57.74*	
		For >40, Deduct	*-119.02*	
26 56 13 00-0360	EA	16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,117.35	366.98
		For Bronze Or Satin Anodized Finish, Add	*38.34*	
		For Black Anodized Finish, Add	*76.68*	
		For >10 To 20, Deduct	*-33.68*	
		For >20 To 40, Deduct	*-63.54*	
		For >40, Deduct	*-130.90*	
26 56 13 00-0361	EA	10' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	838.48	256.88
		For Bronze Or Satin Anodized Finish, Add	*32.47*	
		For Black Anodized Finish, Add	*64.94*	
		For >10 To 20, Deduct	*-25.83*	
		For >20 To 40, Deduct	*-48.42*	
		For >40, Deduct	*-100.08*	
26 56 13 00-0362	EA	12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	949.04	293.58
		For Bronze Or Satin Anodized Finish, Add	*36.19*	
		For Black Anodized Finish, Add	*72.37*	
		For >10 To 20, Deduct	*-29.15*	
		For >20 To 40, Deduct	*-54.69*	
		For >40, Deduct	*-113.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0363	EA	14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,056.66	330.28
		For Bronze Or Satin Anodized Finish, Add	*39.61*	
		For Black Anodized Finish, Add	*79.22*	
		For >10 To 20, Deduct	*-32.36*	
		For >20 To 40, Deduct	*-60.75*	
		For >40, Deduct	*-125.47*	
26 56 13 00-0364	EA	18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,265.07	403.68
		For Bronze Or Satin Anodized Finish, Add	*45.77*	
		For Black Anodized Finish, Add	*91.54*	
		For >10 To 20, Deduct	*-38.49*	
		For >20 To 40, Deduct	*-72.41*	
		For >40, Deduct	*-149.39*	
26 56 13 00-0365	EA	20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,362.92	440.38
		For Bronze Or Satin Anodized Finish, Add	*48.22*	
		For Black Anodized Finish, Add	*96.43*	
		For >10 To 20, Deduct	*-41.31*	
		For >20 To 40, Deduct	*-77.79*	
		For >40, Deduct	*-160.40*	
26 56 13 00-0366	EA	12' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	985.23	293.58
		For Bronze Or Satin Anodized Finish, Add	*39.81*	
		For Black Anodized Finish, Add	*79.61*	
		For >10 To 20, Deduct	*-30.60*	
		For >20 To 40, Deduct	*-57.22*	
		For >40, Deduct	*-118.43*	
26 56 13 00-0367	EA	14' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,098.72	330.28
		For Bronze Or Satin Anodized Finish, Add	*43.82*	
		For Black Anodized Finish, Add	*87.63*	
		For >10 To 20, Deduct	*-34.04*	
		For >20 To 40, Deduct	*-63.70*	
		For >40, Deduct	*-131.78*	
26 56 13 00-0368	EA	16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,219.06	366.98
		For Bronze Or Satin Anodized Finish, Add	*48.51*	
		For Black Anodized Finish, Add	*97.02*	
		For >10 To 20, Deduct	*-37.75*	
		For >20 To 40, Deduct	*-70.65*	
		For >40, Deduct	*-146.16*	
26 56 13 00-0369	EA	18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,321.79	403.68
		For Bronze Or Satin Anodized Finish, Add	*51.44*	
		For Black Anodized Finish, Add	*102.89*	
		For >10 To 20, Deduct	*-40.76*	
		For >20 To 40, Deduct	*-76.38*	
		For >40, Deduct	*-157.90*	
26 56 13 00-0370	EA	20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,438.23	440.38
		For Bronze Or Satin Anodized Finish, Add	*55.75*	
		For Black Anodized Finish, Add	*111.49*	
		For >10 To 20, Deduct	*-44.32*	
		For >20 To 40, Deduct	*-83.06*	
		For >40, Deduct	*-171.70*	
26 56 13 00-0371	EA	16' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,314.91	366.98
		For Bronze Or Satin Anodized Finish, Add	*58.09*	
		For Black Anodized Finish, Add	*116.19*	
		For >10 To 20, Deduct	*-41.59*	
		For >20 To 40, Deduct	*-77.36*	
		For >40, Deduct	*-160.54*	
26 56 13 00-0372	EA	18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,444.04	403.68
		For Bronze Or Satin Anodized Finish, Add	*63.67*	
		For Black Anodized Finish, Add	*127.34*	
		For >10 To 20, Deduct	*-45.65*	
		For >20 To 40, Deduct	*-84.94*	
		For >40, Deduct	*-176.24*	
26 56 13 00-0373	EA	20' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,533.09	440.38
		For Bronze Or Satin Anodized Finish, Add	*65.23*	
		For Black Anodized Finish, Add	*130.47*	
		For >10 To 20, Deduct	*-48.11*	
		For >20 To 40, Deduct	*-89.70*	
		For >40, Deduct	*-185.93*	
26 56 13 00-0374	EA	23' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,766.94	513.78
		For Bronze Or Satin Anodized Finish, Add	*73.94*	
		For Black Anodized Finish, Add	*147.88*	
		For >10 To 20, Deduct	*-55.26*	
		For >20 To 40, Deduct	*-103.13*	
		For >40, Deduct	*-213.66*	
26 56 13 00-0375	EA	25' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,006.64	587.18
		For Bronze Or Satin Anodized Finish, Add	*83.23*	
		For Black Anodized Finish, Add	*166.46*	
		For >10 To 20, Deduct	*-62.65*	
		For >20 To 40, Deduct	*-116.98*	
		For >40, Deduct	*-242.28*	
26 56 13 00-0376	EA	18' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,539.89	403.68
		For Bronze Or Satin Anodized Finish, Add	*73.25*	
		For Black Anodized Finish, Add	*146.51*	
		For >10 To 20, Deduct	*-49.49*	
		For >20 To 40, Deduct	*-91.65*	
		For >40, Deduct	*-190.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0377	EA	20' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,649.48	440.38
		For Bronze Or Satin Anodized Finish, Add	*76.87*	
		For Black Anodized Finish, Add	*153.74*	
		For >10 To 20, Deduct	*-52.77*	
		For >20 To 40, Deduct	*-97.85*	
		For >40, Deduct	*-203.38*	
26 56 13 00-0378	EA	23' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,858.87	513.78
		For Bronze Or Satin Anodized Finish, Add	*83.13*	
		For Black Anodized Finish, Add	*166.26*	
		For >10 To 20, Deduct	*-58.94*	
		For >20 To 40, Deduct	*-109.57*	
		For >40, Deduct	*-227.45*	
26 56 13 00-0379	EA	25' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,077.05	587.18
		For Bronze Or Satin Anodized Finish, Add	*90.27*	
		For Black Anodized Finish, Add	*180.54*	
		For >10 To 20, Deduct	*-65.47*	
		For >20 To 40, Deduct	*-121.91*	
		For >40, Deduct	*-252.84*	
26 56 13 00-0380	EA	28' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,229.67	623.88
		For Bronze Or Satin Anodized Finish, Add	*98.19*	
		For Black Anodized Finish, Add	*196.38*	
		For >10 To 20, Deduct	*-70.47*	
		For >20 To 40, Deduct	*-131.12*	
		For >40, Deduct	*-272.06*	
26 56 13 00-0381	EA	30' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,384.24	660.57
		For Bronze Or Satin Anodized Finish, Add	*106.31*	
		For Black Anodized Finish, Add	*212.62*	
		For >10 To 20, Deduct	*-75.55*	
		For >20 To 40, Deduct	*-140.47*	
		For >40, Deduct	*-291.58*	
26 56 13 00-0382	EA	23' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,949.82	513.78
		For Bronze Or Satin Anodized Finish, Add	*92.23*	
		For Black Anodized Finish, Add	*184.45*	
		For >10 To 20, Deduct	*-62.58*	
		For >20 To 40, Deduct	*-115.94*	
		For >40, Deduct	*-241.10*	
26 56 13 00-0383	EA	25' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,137.69	587.18
		For Bronze Or Satin Anodized Finish, Add	*96.33*	
		For Black Anodized Finish, Add	*192.67*	
		For >10 To 20, Deduct	*-67.89*	
		For >20 To 40, Deduct	*-126.15*	
		For >40, Deduct	*-261.94*	
26 56 13 00-0384	EA	28' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,295.20	623.88
		For Bronze Or Satin Anodized Finish, Add	*104.75*	
		For Black Anodized Finish, Add	*209.49*	
		For >10 To 20, Deduct	*-73.09*	
		For >20 To 40, Deduct	*-135.71*	
		For >40, Deduct	*-281.89*	
26 56 13 00-0385	EA	30' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,485.95	660.57
		For Bronze Or Satin Anodized Finish, Add	*116.48*	
		For Black Anodized Finish, Add	*232.96*	
		For >10 To 20, Deduct	*-79.62*	
		For >20 To 40, Deduct	*-147.59*	
		For >40, Deduct	*-306.84*	
26 56 13 00-0386	EA	33' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,566.66	678.92
		For Bronze Or Satin Anodized Finish, Add	*120.88*	
		For Black Anodized Finish, Add	*241.76*	
		For >10 To 20, Deduct	*-82.30*	
		For >20 To 40, Deduct	*-152.51*	
		For >40, Deduct	*-317.11*	
26 56 13 00-0387	EA	35' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,721.70	697.27
		For Bronze Or Satin Anodized Finish, Add	*132.72*	
		For Black Anodized Finish, Add	*265.43*	
		For >10 To 20, Deduct	*-87.95*	
		For >20 To 40, Deduct	*-162.63*	
		For >40, Deduct	*-338.53*	
26 56 13 00-0388	EA	12' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,025.33	293.58
		For Bronze Or Satin Anodized Finish, Add	*43.82*	
		For Black Anodized Finish, Add	*87.63*	
		For >10 To 20, Deduct	*-32.21*	
		For >20 To 40, Deduct	*-60.03*	
		For >40, Deduct	*-124.44*	
26 56 13 00-0389	EA	14' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,145.66	330.28
		For Bronze Or Satin Anodized Finish, Add	*48.51*	
		For Black Anodized Finish, Add	*97.02*	
		For >10 To 20, Deduct	*-35.92*	
		For >20 To 40, Deduct	*-66.98*	
		For >40, Deduct	*-138.82*	
26 56 13 00-0390	EA	16' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,269.92	366.98
		For Bronze Or Satin Anodized Finish, Add	*53.60*	
		For Black Anodized Finish, Add	*107.19*	
		For >10 To 20, Deduct	*-39.79*	
		For >20 To 40, Deduct	*-74.22*	
		For >40, Deduct	*-153.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0391	EA	18' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,383.41	403.68
		For Bronze Or Satin Anodized Finish, Add	*57.61*	
		For Black Anodized Finish, Add	*115.21*	
		For >10 To 20, Deduct	*-43.23*	
		For >20 To 40, Deduct	*-80.69*	
		For >40, Deduct	*-167.14*	
26 56 13 00-0392	EA	20' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,495.93	440.38
		For Bronze Or Satin Anodized Finish, Add	*61.52*	
		For Black Anodized Finish, Add	*123.03*	
		For >10 To 20, Deduct	*-46.63*	
		For >20 To 40, Deduct	*-87.10*	
		For >40, Deduct	*-180.35*	
26 56 13 00-0393	EA	16' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,376.52	366.98
		For Bronze Or Satin Anodized Finish, Add	*64.26*	
		For Black Anodized Finish, Add	*128.51*	
		For >10 To 20, Deduct	*-44.05*	
		For >20 To 40, Deduct	*-81.68*	
		For >40, Deduct	*-169.78*	
26 56 13 00-0394	EA	18' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,508.59	403.68
		For Bronze Or Satin Anodized Finish, Add	*70.12*	
		For Black Anodized Finish, Add	*140.25*	
		For >10 To 20, Deduct	*-48.23*	
		For >20 To 40, Deduct	*-89.45*	
		For >40, Deduct	*-185.92*	
26 56 13 00-0395	EA	20' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,610.36	440.38
		For Bronze Or Satin Anodized Finish, Add	*72.96*	
		For Black Anodized Finish, Add	*145.92*	
		For >10 To 20, Deduct	*-51.20*	
		For >20 To 40, Deduct	*-95.11*	
		For >40, Deduct	*-197.52*	
26 56 13 00-0396	EA	23' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,839.31	513.78
		For Bronze Or Satin Anodized Finish, Add	*81.18*	
		For Black Anodized Finish, Add	*162.35*	
		For >10 To 20, Deduct	*-58.16*	
		For >20 To 40, Deduct	*-108.20*	
		For >40, Deduct	*-224.52*	
26 56 13 00-0397	EA	25' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,074.12	587.18
		For Bronze Or Satin Anodized Finish, Add	*89.98*	
		For Black Anodized Finish, Add	*179.95*	
		For >10 To 20, Deduct	*-65.35*	
		For >20 To 40, Deduct	*-121.70*	
		For >40, Deduct	*-252.40*	
26 56 13 00-0398	EA	23' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,060.34	513.78
		For Bronze Or Satin Anodized Finish, Add	*103.28*	
		For Black Anodized Finish, Add	*206.56*	
		For >10 To 20, Deduct	*-67.00*	
		For >20 To 40, Deduct	*-123.67*	
		For >40, Deduct	*-257.67*	
26 56 13 00-0399	EA	25' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,284.39	587.18
		For Bronze Or Satin Anodized Finish, Add	*111.00*	
		For Black Anodized Finish, Add	*222.01*	
		For >10 To 20, Deduct	*-73.76*	
		For >20 To 40, Deduct	*-136.42*	
		For >40, Deduct	*-283.94*	
26 56 13 00-0400	EA	28' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,453.64	623.88
		For Bronze Or Satin Anodized Finish, Add	*120.59*	
		For Black Anodized Finish, Add	*241.18*	
		For >10 To 20, Deduct	*-79.43*	
		For >20 To 40, Deduct	*-146.80*	
		For >40, Deduct	*-305.66*	
26 56 13 00-0401	EA	30' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,606.25	660.57
		For Bronze Or Satin Anodized Finish, Add	*128.51*	
		For Black Anodized Finish, Add	*257.02*	
		For >10 To 20, Deduct	*-84.43*	
		For >20 To 40, Deduct	*-156.01*	
		For >40, Deduct	*-324.88*	
26 56 13 00-0402	EA	33' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,737.81	678.92
		For Bronze Or Satin Anodized Finish, Add	*138.00*	
		For Black Anodized Finish, Add	*275.99*	
		For >10 To 20, Deduct	*-89.14*	
		For >20 To 40, Deduct	*-164.49*	
		For >40, Deduct	*-342.78*	
26 56 13 00-0403	EA	35' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,853.73	697.27
		For Bronze Or Satin Anodized Finish, Add	*145.92*	
		For Black Anodized Finish, Add	*291.84*	
		For >10 To 20, Deduct	*-93.23*	
		For >20 To 40, Deduct	*-171.87*	
		For >40, Deduct	*-358.33*	
26 56 13 00-0404	EA	37' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,954.00	715.62
		For Bronze Or Satin Anodized Finish, Add	*152.28*	
		For Black Anodized Finish, Add	*304.55*	
		For >10 To 20, Deduct	*-96.69*	
		For >20 To 40, Deduct	*-178.16*	
		For >40, Deduct	*-371.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0405	EA	39' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,127.62	733.97
		For Bronze Or Satin Anodized Finish, Add	*165.97*	
		For Black Anodized Finish, Add	*331.94*	
		For >10 To 20, Deduct	*-103.09*	
		For >20 To 40, Deduct	*-189.57*	
		For >40, Deduct	*-395.75*	
26 56 13 00-0406	EA	28' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,876.14	623.88
		For Bronze Or Satin Anodized Finish, Add	*162.84*	
		For Black Anodized Finish, Add	*325.68*	
		For >10 To 20, Deduct	*-96.33*	
		For >20 To 40, Deduct	*-176.37*	
		For >40, Deduct	*-369.03*	
26 56 13 00-0407	EA	30' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,095.25	660.57
		For Bronze Or Satin Anodized Finish, Add	*177.41*	
		For Black Anodized Finish, Add	*354.82*	
		For >10 To 20, Deduct	*-103.99*	
		For >20 To 40, Deduct	*-190.24*	
		For >40, Deduct	*-398.23*	
26 56 13 00-0408	EA	33' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,246.38	678.92
		For Bronze Or Satin Anodized Finish, Add	*188.85*	
		For Black Anodized Finish, Add	*377.71*	
		For >10 To 20, Deduct	*-109.49*	
		For >20 To 40, Deduct	*-200.09*	
		For >40, Deduct	*-419.07*	
26 56 13 00-0409	EA	35' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,363.27	697.27
		For Bronze Or Satin Anodized Finish, Add	*196.87*	
		For Black Anodized Finish, Add	*393.75*	
		For >10 To 20, Deduct	*-113.61*	
		For >20 To 40, Deduct	*-207.54*	
		For >40, Deduct	*-434.76*	
26 56 13 00-0410	EA	37' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,432.25	715.62
		For Bronze Or Satin Anodized Finish, Add	*200.10*	
		For Black Anodized Finish, Add	*400.20*	
		For >10 To 20, Deduct	*-115.82*	
		For >20 To 40, Deduct	*-211.63*	
		For >40, Deduct	*-443.28*	
26 56 13 00-0411	EA	39' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,622.50	733.97
		For Bronze Or Satin Anodized Finish, Add	*215.46*	
		For Black Anodized Finish, Add	*430.91*	
		For >10 To 20, Deduct	*-122.88*	
		For >20 To 40, Deduct	*-224.22*	
		For >40, Deduct	*-469.98*	
26 56 13 00-0412	EA	28' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,742.15	623.88
		For Bronze Or Satin Anodized Finish, Add	*149.44*	
		For Black Anodized Finish, Add	*298.88*	
		For >10 To 20, Deduct	*-90.97*	
		For >20 To 40, Deduct	*-167.00*	
		For >40, Deduct	*-348.94*	
26 56 13 00-0413	EA	30' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,943.66	660.57
		For Bronze Or Satin Anodized Finish, Add	*162.25*	
		For Black Anodized Finish, Add	*324.50*	
		For >10 To 20, Deduct	*-97.93*	
		For >20 To 40, Deduct	*-179.63*	
		For >40, Deduct	*-375.49*	
26 56 13 00-0414	EA	33' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,024.37	678.92
		For Bronze Or Satin Anodized Finish, Add	*166.65*	
		For Black Anodized Finish, Add	*333.31*	
		For >10 To 20, Deduct	*-100.61*	
		For >20 To 40, Deduct	*-184.55*	
		For >40, Deduct	*-385.76*	
26 56 13 00-0415	EA	35' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,217.55	697.27
		For Bronze Or Satin Anodized Finish, Add	*182.30*	
		For Black Anodized Finish, Add	*364.60*	
		For >10 To 20, Deduct	*-107.78*	
		For >20 To 40, Deduct	*-197.34*	
		For >40, Deduct	*-412.91*	
26 56 13 00-0416	EA	37' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,316.84	715.62
		For Bronze Or Satin Anodized Finish, Add	*188.56*	
		For Black Anodized Finish, Add	*377.12*	
		For >10 To 20, Deduct	*-111.21*	
		For >20 To 40, Deduct	*-203.55*	
		For >40, Deduct	*-425.96*	
26 56 13 00-0417	EA	39' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,508.07	733.97
		For Bronze Or Satin Anodized Finish, Add	*204.01*	
		For Black Anodized Finish, Add	*408.03*	
		For >10 To 20, Deduct	*-118.30*	
		For >20 To 40, Deduct	*-216.21*	
		For >40, Deduct	*-452.81*	
26 56 13 00-0418	EA	28' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,354.38	623.88
		For Bronze Or Satin Anodized Finish, Add	*210.66*	
		For Black Anodized Finish, Add	*421.33*	
		For >10 To 20, Deduct	*-115.46*	
		For >20 To 40, Deduct	*-209.85*	
		For >40, Deduct	*-440.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0419	EA	30' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,547.09	660.57
		For Bronze Or Satin Anodized Finish, Add	*222.60*	
		For Black Anodized Finish, Add	*445.19*	
		For >10 To 20, Deduct	*-122.07*	
		For >20 To 40, Deduct	*-221.87*	
		For >40, Deduct	*-466.01*	
26 56 13 00-0420	EA	33' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,700.17	678.92
		For Bronze Or Satin Anodized Finish, Add	*234.23*	
		For Black Anodized Finish, Add	*468.47*	
		For >10 To 20, Deduct	*-127.64*	
		For >20 To 40, Deduct	*-231.86*	
		For >40, Deduct	*-487.13*	
26 56 13 00-0421	EA	35' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,932.48	697.27
		For Bronze Or Satin Anodized Finish, Add	*253.79*	
		For Black Anodized Finish, Add	*507.59*	
		For >10 To 20, Deduct	*-136.38*	
		For >20 To 40, Deduct	*-247.38*	
		For >40, Deduct	*-520.15*	
26 56 13 00-0422	EA	37' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,990.69	715.62
		For Bronze Or Satin Anodized Finish, Add	*255.95*	
		For Black Anodized Finish, Add	*511.89*	
		For >10 To 20, Deduct	*-138.16*	
		For >20 To 40, Deduct	*-250.72*	
		For >40, Deduct	*-527.04*	
26 56 13 00-0423	EA	39' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	4,222.02	733.97
		For Bronze Or Satin Anodized Finish, Add	*275.41*	
		For Black Anodized Finish, Add	*550.82*	
		For >10 To 20, Deduct	*-146.86*	
		For >20 To 40, Deduct	*-266.18*	
		For >40, Deduct	*-559.91*	
26 56 13 00-0424	EA	48' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	5,408.80	1,100.95
		For Bronze Or Satin Anodized Finish, Add	*320.69*	
		For Black Anodized Finish, Add	*641.38*	
		For >10 To 20, Deduct	*-183.32*	
		For >20 To 40, Deduct	*-334.58*	
		For >40, Deduct	*-701.22*	
26 56 13 00-0425	EA	50' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	5,530.08	1,100.95
		For Bronze Or Satin Anodized Finish, Add	*332.82*	
		For Black Anodized Finish, Add	*665.63*	
		For >10 To 20, Deduct	*-188.17*	
		For >20 To 40, Deduct	*-343.07*	
		For >40, Deduct	*-719.42*	
26 56 13 00-0426		**Round Tapered, Aluminum Area Light Poles, Hinged Anchor Base** *(26 56 13 00-0354)*		
26 56 13 00-0427	EA	8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	927.43	220.20
		For Bronze, Satin Or Black Anodized Finish, Add	*73.06*	
		For >10 To 20, Deduct	*-30.49*	
		For >20 To 40, Deduct	*-56.11*	
		For >40, Deduct	*-117.10*	
26 56 13 00-0428	EA	10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,021.37	256.88
		For Bronze, Satin Or Black Anodized Finish, Add	*76.14*	
		For >10 To 20, Deduct	*-33.15*	
		For >20 To 40, Deduct	*-61.22*	
		For >40, Deduct	*-127.52*	
26 56 13 00-0429	EA	12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,116.28	293.58
		For Bronze, Satin Or Black Anodized Finish, Add	*79.37*	
		For >10 To 20, Deduct	*-35.84*	
		For >20 To 40, Deduct	*-66.40*	
		For >40, Deduct	*-138.08*	
26 56 13 00-0430	EA	14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,213.15	330.28
		For Bronze, Satin Or Black Anodized Finish, Add	*82.89*	
		For >10 To 20, Deduct	*-38.62*	
		For >20 To 40, Deduct	*-71.71*	
		For >40, Deduct	*-148.94*	
26 56 13 00-0431	EA	16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,309.04	366.98
		For Bronze, Satin Or Black Anodized Finish, Add	*86.26*	
		For >10 To 20, Deduct	*-41.35*	
		For >20 To 40, Deduct	*-76.95*	
		For >40, Deduct	*-159.66*	
26 56 13 00-0432	EA	10' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,033.10	256.88
		For Bronze, Satin Or Black Anodized Finish, Add	*77.90*	
		For >10 To 20, Deduct	*-33.62*	
		For >20 To 40, Deduct	*-62.04*	
		For >40, Deduct	*-129.28*	
26 56 13 00-0433	EA	12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,129.98	293.58
		For Bronze, Satin Or Black Anodized Finish, Add	*81.42*	
		For >10 To 20, Deduct	*-36.39*	
		For >20 To 40, Deduct	*-67.36*	
		For >40, Deduct	*-140.14*	
26 56 13 00-0434	EA	14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,228.79	330.28
		For Bronze, Satin Or Black Anodized Finish, Add	*85.23*	
		For >10 To 20, Deduct	*-39.24*	
		For >20 To 40, Deduct	*-72.80*	
		For >40, Deduct	*-151.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0435	EA	16' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,326.64	366.98
		For Bronze, Satin Or Black Anodized Finish, Add	*88.90*	
		For >10 To 20, Deduct	*-42.06*	
		For >20 To 40, Deduct	*-78.19*	
		For >40, Deduct	*-162.30*	
26 56 13 00-0436	EA	18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,437.20	403.68
		For Bronze, Satin Or Black Anodized Finish, Add	*94.48*	
		For >10 To 20, Deduct	*-45.38*	
		For >20 To 40, Deduct	*-84.46*	
		For >40, Deduct	*-175.21*	
26 56 13 00-0437	EA	20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,538.96	440.38
		For Bronze, Satin Or Black Anodized Finish, Add	*98.73*	
		For >10 To 20, Deduct	*-48.35*	
		For >20 To 40, Deduct	*-90.11*	
		For >40, Deduct	*-186.81*	
26 56 13 00-0438	EA	12' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,168.12	293.58
		For Bronze, Satin Or Black Anodized Finish, Add	*87.14*	
		For >10 To 20, Deduct	*-37.92*	
		For >20 To 40, Deduct	*-70.02*	
		For >40, Deduct	*-145.86*	
26 56 13 00-0439	EA	14' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,271.83	330.28
		For Bronze, Satin Or Black Anodized Finish, Add	*91.69*	
		For >10 To 20, Deduct	*-40.96*	
		For >20 To 40, Deduct	*-75.82*	
		For >40, Deduct	*-157.75*	
26 56 13 00-0440	EA	16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,387.28	366.98
		For Bronze, Satin Or Black Anodized Finish, Add	*98.00*	
		For >10 To 20, Deduct	*-44.48*	
		For >20 To 40, Deduct	*-82.43*	
		For >40, Deduct	*-171.39*	
26 56 13 00-0441	EA	18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,492.94	403.68
		For Bronze, Satin Or Black Anodized Finish, Add	*102.84*	
		For >10 To 20, Deduct	*-47.61*	
		For >20 To 40, Deduct	*-88.36*	
		For >40, Deduct	*-183.57*	
26 56 13 00-0442	EA	20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,611.33	440.38
		For Bronze, Satin Or Black Anodized Finish, Add	*109.59*	
		For >10 To 20, Deduct	*-51.24*	
		For >20 To 40, Deduct	*-95.18*	
		For >40, Deduct	*-197.66*	
26 56 13 00-0443	EA	16' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,443.03	366.98
		For Bronze, Satin Or Black Anodized Finish, Add	*106.36*	
		For >10 To 20, Deduct	*-46.71*	
		For >20 To 40, Deduct	*-86.33*	
		For >40, Deduct	*-179.76*	
26 56 13 00-0444	EA	18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,568.25	403.68
		For Bronze, Satin Or Black Anodized Finish, Add	*114.13*	
		For >10 To 20, Deduct	*-50.62*	
		For >20 To 40, Deduct	*-93.63*	
		For >40, Deduct	*-194.87*	
26 56 13 00-0445	EA	20' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,671.97	440.38
		For Bronze, Satin Or Black Anodized Finish, Add	*118.68*	
		For >10 To 20, Deduct	*-53.67*	
		For >20 To 40, Deduct	*-99.42*	
		For >40, Deduct	*-206.76*	
26 56 13 00-0446	EA	12' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,198.44	293.58
		For Bronze, Satin Or Black Anodized Finish, Add	*91.69*	
		For >10 To 20, Deduct	*-39.13*	
		For >20 To 40, Deduct	*-72.15*	
		For >40, Deduct	*-150.41*	
26 56 13 00-0447	EA	14' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,317.79	330.28
		For Bronze, Satin Or Black Anodized Finish, Add	*98.58*	
		For >10 To 20, Deduct	*-42.80*	
		For >20 To 40, Deduct	*-79.03*	
		For >40, Deduct	*-164.64*	
26 56 13 00-0448	EA	16' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,443.03	366.98
		For Bronze, Satin Or Black Anodized Finish, Add	*106.36*	
		For >10 To 20, Deduct	*-46.71*	
		For >20 To 40, Deduct	*-86.33*	
		For >40, Deduct	*-179.76*	
26 56 13 00-0449	EA	18' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,556.52	403.68
		For Bronze, Satin Or Black Anodized Finish, Add	*112.37*	
		For >10 To 20, Deduct	*-50.15*	
		For >20 To 40, Deduct	*-92.81*	
		For >40, Deduct	*-193.11*	
26 56 13 00-0450	EA	20' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,676.86	440.38
		For Bronze, Satin Or Black Anodized Finish, Add	*119.42*	
		For >10 To 20, Deduct	*-53.86*	
		For >20 To 40, Deduct	*-99.77*	
		For >40, Deduct	*-207.49*	
26 56 13 00-0451	EA	16' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,506.60	366.98
		For Bronze, Satin Or Black Anodized Finish, Add	*115.89*	
		For >10 To 20, Deduct	*-49.25*	
		For >20 To 40, Deduct	*-90.78*	
		For >40, Deduct	*-189.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0452	EA	18' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,639.65	403.68
		For Bronze, Satin Or Black Anodized Finish, Add	*124.84*	
		For >10 To 20, Deduct	*-53.48*	
		For >20 To 40, Deduct	*-98.63*	
		For >40, Deduct	*-205.58*	
26 56 13 00-0453	EA	20' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,748.25	440.38
		For Bronze, Satin Or Black Anodized Finish, Add	*130.12*	
		For >10 To 20, Deduct	*-56.72*	
		For >20 To 40, Deduct	*-104.76*	
		For >40, Deduct	*-218.20*	
26 56 13 00-0454		**Round Tapered, Aluminum Area Light Poles, Direct Burial** *(26 56 13 00-0354)*		
		Note: Includes rubberized undercoating on embedded portion.		
26 56 13 00-0455	EA	8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	656.47	183.50
		For Bronze Or Satin Anodized Finish, Add	*28.95*	
		For Black Anodized Finish, Add	*57.90*	
		For >10 To 20, Deduct	*-20.75*	
		For >20 To 40, Deduct	*-38.61*	
		For >40, Deduct	*-80.12*	
26 56 13 00-0456	EA	10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	683.86	183.50
		For Bronze Or Satin Anodized Finish, Add	*31.69*	
		For Black Anodized Finish, Add	*63.38*	
		For >10 To 20, Deduct	*-21.85*	
		For >20 To 40, Deduct	*-40.53*	
		For >40, Deduct	*-84.23*	
26 56 13 00-0457	EA	12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	743.05	201.84
		For Bronze Or Satin Anodized Finish, Add	*33.94*	
		For Black Anodized Finish, Add	*67.87*	
		For >10 To 20, Deduct	*-23.67*	
		For >20 To 40, Deduct	*-43.94*	
		For >40, Deduct	*-91.27*	
26 56 13 00-0458	EA	14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	795.40	220.20
		For Bronze Or Satin Anodized Finish, Add	*35.50*	
		For Black Anodized Finish, Add	*71.00*	
		For >10 To 20, Deduct	*-25.21*	
		For >20 To 40, Deduct	*-46.87*	
		For >40, Deduct	*-97.29*	
26 56 13 00-0459	EA	16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	830.61	220.20
		For Bronze Or Satin Anodized Finish, Add	*39.02*	
		For Black Anodized Finish, Add	*78.05*	
		For >10 To 20, Deduct	*-26.62*	
		For >20 To 40, Deduct	*-49.34*	
		For >40, Deduct	*-102.57*	
26 56 13 00-0460	EA	12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	769.46	201.84
		For Bronze Or Satin Anodized Finish, Add	*36.58*	
		For Black Anodized Finish, Add	*73.16*	
		For >10 To 20, Deduct	*-24.72*	
		For >20 To 40, Deduct	*-45.79*	
		For >40, Deduct	*-95.24*	
26 56 13 00-0461	EA	14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	833.54	220.20
		For Bronze Or Satin Anodized Finish, Add	*39.32*	
		For Black Anodized Finish, Add	*78.63*	
		For >10 To 20, Deduct	*-26.74*	
		For >20 To 40, Deduct	*-49.54*	
		For >40, Deduct	*-103.01*	
26 56 13 00-0462	EA	16' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	853.10	220.20
		For Bronze Or Satin Anodized Finish, Add	*41.27*	
		For Black Anodized Finish, Add	*82.54*	
		For >10 To 20, Deduct	*-27.52*	
		For >20 To 40, Deduct	*-50.91*	
		For >40, Deduct	*-105.95*	
26 56 13 00-0463	EA	18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	921.10	238.54
		For Bronze Or Satin Anodized Finish, Add	*44.40*	
		For Black Anodized Finish, Add	*88.80*	
		For >10 To 20, Deduct	*-29.69*	
		For >20 To 40, Deduct	*-54.94*	
		For >40, Deduct	*-114.31*	
26 56 13 00-0464	EA	20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	985.18	256.88
		For Bronze Or Satin Anodized Finish, Add	*47.14*	
		For Black Anodized Finish, Add	*94.28*	
		For >10 To 20, Deduct	*-31.70*	
		For >20 To 40, Deduct	*-58.69*	
		For >40, Deduct	*-122.09*	
26 56 13 00-0465	EA	16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	909.82	220.20
		For Bronze Or Satin Anodized Finish, Add	*46.94*	
		For Black Anodized Finish, Add	*93.89*	
		For >10 To 20, Deduct	*-29.79*	
		For >20 To 40, Deduct	*-54.88*	
		For >40, Deduct	*-114.45*	
26 56 13 00-0466	EA	18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	983.69	238.54
		For Bronze Or Satin Anodized Finish, Add	*50.66*	
		For Black Anodized Finish, Add	*101.32*	
		For >10 To 20, Deduct	*-32.19*	
		For >20 To 40, Deduct	*-59.32*	
		For >40, Deduct	*-123.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0467	EA	20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,052.66	256.88
		For Bronze Or Satin Anodized Finish, Add	*53.89*	
		For Black Anodized Finish, Add	*107.78*	
		For >10 To 20, Deduct	*-34.40*	
		For >20 To 40, Deduct	*-63.41*	
		For >40, Deduct	*-132.21*	
26 56 13 00-0468	EA	18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,063.89	238.54
		For Bronze Or Satin Anodized Finish, Add	*58.68*	
		For Black Anodized Finish, Add	*117.36*	
		For >10 To 20, Deduct	*-35.40*	
		For >20 To 40, Deduct	*-64.93*	
		For >40, Deduct	*-135.73*	
26 56 13 00-0469	EA	25' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,356.87	293.58
		For Bronze Or Satin Anodized Finish, Add	*76.97*	
		For Black Anodized Finish, Add	*153.94*	
		For >10 To 20, Deduct	*-45.47*	
		For >20 To 40, Deduct	*-83.24*	
		For >40, Deduct	*-174.17*	
26 56 13 00-0470	EA	25' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,467.39	293.58
		For Bronze Or Satin Anodized Finish, Add	*88.02*	
		For Black Anodized Finish, Add	*176.04*	
		For >10 To 20, Deduct	*-49.89*	
		For >20 To 40, Deduct	*-90.97*	
		For >40, Deduct	*-190.75*	
26 56 13 00-0471	EA	30' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,635.65	330.28
		For Bronze Or Satin Anodized Finish, Add	*97.51*	
		For Black Anodized Finish, Add	*195.02*	
		For >10 To 20, Deduct	*-55.52*	
		For >20 To 40, Deduct	*-101.28*	
		For >40, Deduct	*-212.32*	
26 56 13 00-0472	EA	30' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,755.94	330.28
		For Bronze Or Satin Anodized Finish, Add	*109.54*	
		For Black Anodized Finish, Add	*219.07*	
		For >10 To 20, Deduct	*-60.33*	
		For >20 To 40, Deduct	*-109.70*	
		For >40, Deduct	*-230.36*	
26 56 13 00-0473		Square Straight, Aluminum Area Light Poles *(26 56 13 00-0294)*		
26 56 13 00-0474		Square Straight, Aluminum Area Light Poles, Anchor Base *(26 56 13 00-0473)*		
26 56 13 00-0475	EA	8' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	844.30	220.20
		For Bronze Or Satin Anodized Finish, Add	*40.39*	
		For Black Anodized Finish, Add	*80.78*	
		For >10 To 20, Deduct	*-27.17*	
		For >20 To 40, Deduct	*-50.29*	
		For >40, Deduct	*-104.63*	
26 56 13 00-0476	EA	10' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	938.24	256.88
		For Bronze Or Satin Anodized Finish, Add	*42.45*	
		For Black Anodized Finish, Add	*84.89*	
		For >10 To 20, Deduct	*-29.82*	
		For >20 To 40, Deduct	*-55.40*	
		For >40, Deduct	*-115.05*	
26 56 13 00-0477	EA	12' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,040.00	293.58
		For Bronze Or Satin Anodized Finish, Add	*45.28*	
		For Black Anodized Finish, Add	*90.56*	
		For >10 To 20, Deduct	*-32.79*	
		For >20 To 40, Deduct	*-61.06*	
		For >40, Deduct	*-126.64*	
26 56 13 00-0478	EA	14' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,140.77	330.28
		For Bronze Or Satin Anodized Finish, Add	*48.02*	
		For Black Anodized Finish, Add	*96.04*	
		For >10 To 20, Deduct	*-35.72*	
		For >20 To 40, Deduct	*-66.64*	
		For >40, Deduct	*-138.09*	
26 56 13 00-0479	EA	15' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,195.08	348.64
		For Bronze Or Satin Anodized Finish, Add	*49.78*	
		For Black Anodized Finish, Add	*99.56*	
		For >10 To 20, Deduct	*-37.34*	
		For >20 To 40, Deduct	*-69.71*	
		For >40, Deduct	*-144.40*	
26 56 13 00-0480	EA	16' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,249.38	366.98
		For Bronze Or Satin Anodized Finish, Add	*51.54*	
		For Black Anodized Finish, Add	*103.08*	
		For >10 To 20, Deduct	*-38.97*	
		For >20 To 40, Deduct	*-72.78*	
		For >40, Deduct	*-150.71*	
26 56 13 00-0481	EA	18' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,356.02	403.68
		For Bronze Or Satin Anodized Finish, Add	*54.87*	
		For Black Anodized Finish, Add	*109.73*	
		For >10 To 20, Deduct	*-42.13*	
		For >20 To 40, Deduct	*-78.77*	
		For >40, Deduct	*-163.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0482	EA	20' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,471.48	440.38
		For Bronze Or Satin Anodized Finish, Add	*59.07*	
		For Black Anodized Finish, Add	*118.14*	
		For >10 To 20, Deduct	*-45.65*	
		For >20 To 40, Deduct	*-85.39*	
		For >40, Deduct	*-176.68*	
26 56 13 00-0483	EA	16' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,316.86	366.98
		For Bronze Or Satin Anodized Finish, Add	*58.29*	
		For Black Anodized Finish, Add	*116.58*	
		For >10 To 20, Deduct	*-41.66*	
		For >20 To 40, Deduct	*-77.50*	
		For >40, Deduct	*-160.83*	
26 56 13 00-0484	EA	18' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,425.46	403.68
		For Bronze Or Satin Anodized Finish, Add	*61.81*	
		For Black Anodized Finish, Add	*123.62*	
		For >10 To 20, Deduct	*-44.91*	
		For >20 To 40, Deduct	*-83.64*	
		For >40, Deduct	*-173.45*	
26 56 13 00-0485	EA	20' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,546.78	440.38
		For Bronze Or Satin Anodized Finish, Add	*66.60*	
		For Black Anodized Finish, Add	*133.20*	
		For >10 To 20, Deduct	*-48.66*	
		For >20 To 40, Deduct	*-90.66*	
		For >40, Deduct	*-187.98*	
26 56 13 00-0486	EA	15' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,488.48	348.64
		For Bronze Or Satin Anodized Finish, Add	*79.12*	
		For Black Anodized Finish, Add	*158.24*	
		For >10 To 20, Deduct	*-49.08*	
		For >20 To 40, Deduct	*-90.25*	
		For >40, Deduct	*-188.41*	
26 56 13 00-0487	EA	20' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,827.47	440.38
		For Bronze Or Satin Anodized Finish, Add	*94.67*	
		For Black Anodized Finish, Add	*189.34*	
		For >10 To 20, Deduct	*-59.89*	
		For >20 To 40, Deduct	*-110.31*	
		For >40, Deduct	*-230.08*	
26 56 13 00-0488	EA	25' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	2,243.31	587.18
		For Bronze Or Satin Anodized Finish, Add	*106.90*	
		For Black Anodized Finish, Add	*213.79*	
		For >10 To 20, Deduct	*-72.12*	
		For >20 To 40, Deduct	*-133.54*	
		For >40, Deduct	*-277.78*	
26 56 13 00-0489	EA	20' High, 4" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	1,607.42	440.38
		For Bronze Or Satin Anodized Finish, Add	*72.67*	
		For Black Anodized Finish, Add	*145.33*	
		For >10 To 20, Deduct	*-51.09*	
		For >20 To 40, Deduct	*-94.90*	
		For >40, Deduct	*-197.08*	
26 56 13 00-0490	EA	20' High, 5" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	1,945.81	440.38
		For Bronze Or Satin Anodized Finish, Add	*106.51*	
		For Black Anodized Finish, Add	*213.01*	
		For >10 To 20, Deduct	*-64.62*	
		For >20 To 40, Deduct	*-118.59*	
		For >40, Deduct	*-247.83*	
26 56 13 00-0491	EA	25' High, 5" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,350.90	587.18
		For Bronze Or Satin Anodized Finish, Add	*117.66*	
		For Black Anodized Finish, Add	*235.31*	
		For >10 To 20, Deduct	*-76.42*	
		For >20 To 40, Deduct	*-141.08*	
		For >40, Deduct	*-293.92*	
26 56 13 00-0492	EA	20' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,131.63	440.38
		For Bronze Or Satin Anodized Finish, Add	*125.09*	
		For Black Anodized Finish, Add	*250.17*	
		For >10 To 20, Deduct	*-72.05*	
		For >20 To 40, Deduct	*-131.60*	
		For >40, Deduct	*-275.71*	
26 56 13 00-0493	EA	25' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,593.44	587.18
		For Bronze Or Satin Anodized Finish, Add	*141.91*	
		For Black Anodized Finish, Add	*283.82*	
		For >10 To 20, Deduct	*-86.12*	
		For >20 To 40, Deduct	*-158.05*	
		For >40, Deduct	*-330.30*	
26 56 13 00-0494	EA	30' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,992.56	660.57
		For Bronze Or Satin Anodized Finish, Add	*167.14*	
		For Black Anodized Finish, Add	*334.28*	
		For >10 To 20, Deduct	*-99.89*	
		For >20 To 40, Deduct	*-183.06*	
		For >40, Deduct	*-382.83*	

26 56 13 00-0495 Square Straight, Aluminum Area Light Poles, Direct Burial *(26 56 13 00-0473)*
Note: Includes rubberized undercoating on embedded portion.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0496	EA	10' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	752.32	183.50
		For Bronze Or Satin Anodized Finish, Add	*38.53*	
		For Black Anodized Finish, Add	*77.07*	
		For >10 To 20, Deduct	*-24.59*	
		For >20 To 40, Deduct	*-45.32*	
		For >40, Deduct	*-94.50*	
26 56 13 00-0497	EA	12' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	838.89	201.84
		For Bronze Or Satin Anodized Finish, Add	*43.52*	
		For Black Anodized Finish, Add	*87.04*	
		For >10 To 20, Deduct	*-27.50*	
		For >20 To 40, Deduct	*-50.65*	
		For >40, Deduct	*-105.65*	
26 56 13 00-0498	EA	14' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	896.13	220.20
		For Bronze Or Satin Anodized Finish, Add	*45.58*	
		For Black Anodized Finish, Add	*91.15*	
		For >10 To 20, Deduct	*-29.24*	
		For >20 To 40, Deduct	*-53.92*	
		For >40, Deduct	*-112.40*	
26 56 13 00-0499	EA	15' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	920.58	220.20
		For Bronze Or Satin Anodized Finish, Add	*48.02*	
		For Black Anodized Finish, Add	*96.04*	
		For >10 To 20, Deduct	*-30.22*	
		For >20 To 40, Deduct	*-55.63*	
		For >40, Deduct	*-116.07*	
26 56 13 00-0500	EA	16' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	950.90	220.20
		For Bronze Or Satin Anodized Finish, Add	*51.05*	
		For Black Anodized Finish, Add	*102.10*	
		For >10 To 20, Deduct	*-31.43*	
		For >20 To 40, Deduct	*-57.76*	
		For >40, Deduct	*-120.62*	
26 56 13 00-0501	EA	18' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,091.27	238.54
		For Bronze Or Satin Anodized Finish, Add	*61.42*	
		For Black Anodized Finish, Add	*122.84*	
		For >10 To 20, Deduct	*-36.49*	
		For >20 To 40, Deduct	*-66.85*	
		For >40, Deduct	*-139.84*	
26 56 13 00-0502	EA	20' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,170.02	256.88
		For Bronze Or Satin Anodized Finish, Add	*65.62*	
		For Black Anodized Finish, Add	*131.25*	
		For >10 To 20, Deduct	*-39.09*	
		For >20 To 40, Deduct	*-71.63*	
		For >40, Deduct	*-149.81*	
26 56 13 00-0503	EA	20' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,323.57	256.88
		For Bronze Or Satin Anodized Finish, Add	*80.98*	
		For Black Anodized Finish, Add	*161.96*	
		For >10 To 20, Deduct	*-45.24*	
		For >20 To 40, Deduct	*-82.37*	
		For >40, Deduct	*-172.85*	
26 56 13 00-0504	EA	25' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,520.20	293.58
		For Bronze Or Satin Anodized Finish, Add	*93.30*	
		For Black Anodized Finish, Add	*186.60*	
		For >10 To 20, Deduct	*-52.00*	
		For >20 To 40, Deduct	*-94.67*	
		For >40, Deduct	*-198.67*	
26 56 13 00-0505	EA	25' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Direct Burial	1,863.48	293.58
		For Bronze Or Satin Anodized Finish, Add	*127.63*	
		For Black Anodized Finish, Add	*255.26*	
		For >10 To 20, Deduct	*-65.73*	
		For >20 To 40, Deduct	*-118.70*	
		For >40, Deduct	*-250.16*	

26 56 13 00-0506 Factory Accessories For Aluminum Area Light Poles *(26 56 13 00-0294)*

26 56 13 00-0507	EA	1/2", 3/4" Or 1" Diameter, Factory Threaded Pipe Coupling Or Nipple For Aluminum Area Light Poles	84.58
26 56 13 00-0508	EA	Extra Handhole For Aluminum Area Light Poles	36.45
26 56 13 00-0509	EA	Vibration Dampener For Aluminum Area Light Poles	127.96

26 56 13 00-0510 Fiberglass Area Light Poles *(26 56 13 00-0177)*

Note: Includes UV resistant textured weave finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions and tenon top.

26 56 13 00-0511 Round Tapered, Fiberglass Area Light Poles *(26 56 13 00-0510)*

26 56 13 00-0512 Round Tapered, Fiberglass Area Light Poles, Anchor Base *(26 56 13 00-0511)*

26 56 13 00-0513	EA	10' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,294.73	256.88
		For >10 To 20, Deduct	*-44.08*	
		For >20 To 40, Deduct	*-80.36*	
		For >40, Deduct	*-168.52*	
26 56 13 00-0514	EA	12' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,414.61	293.58
		For >10 To 20, Deduct	*-47.78*	
		For >20 To 40, Deduct	*-87.28*	
		For >40, Deduct	*-182.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0515	EA	14' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,535.81	330.28
		For >10 To 20, Deduct	*-51.52*	
		For >20 To 40, Deduct	*-94.30*	
		For >40, Deduct	*-197.34*	
26 56 13 00-0516	EA	16' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,655.70	366.98
		For >10 To 20, Deduct	*-55.22*	
		For >20 To 40, Deduct	*-101.22*	
		For >40, Deduct	*-211.66*	
26 56 13 00-0517	EA	18' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,799.48	403.68
		For >10 To 20, Deduct	*-59.87*	
		For >20 To 40, Deduct	*-109.82*	
		For >40, Deduct	*-229.55*	
26 56 13 00-0518	EA	20' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,922.02	440.38
		For >10 To 20, Deduct	*-63.67*	
		For >20 To 40, Deduct	*-116.93*	
		For >40, Deduct	*-244.27*	
26 56 13 00-0519	EA	22' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,116.63	513.78
		For >10 To 20, Deduct	*-69.25*	
		For >20 To 40, Deduct	*-127.61*	
		For >40, Deduct	*-266.12*	
26 56 13 00-0520	EA	24' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,309.91	587.18
		For >10 To 20, Deduct	*-74.78*	
		For >20 To 40, Deduct	*-138.21*	
		For >40, Deduct	*-287.77*	
26 56 13 00-0521	EA	26' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,417.49	587.18
		For >10 To 20, Deduct	*-79.08*	
		For >20 To 40, Deduct	*-145.74*	
		For >40, Deduct	*-303.91*	
26 56 13 00-0522	EA	28' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,585.19	623.88
		For >10 To 20, Deduct	*-84.69*	
		For >20 To 40, Deduct	*-156.01*	
		For >40, Deduct	*-325.39*	
26 56 13 00-0523	EA	30' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,752.87	660.57
		For >10 To 20, Deduct	*-90.30*	
		For >20 To 40, Deduct	*-166.28*	
		For >40, Deduct	*-346.87*	
26 56 13 00-0524	EA	10' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,416.92	256.88
		For >10 To 20, Deduct	*-48.97*	
		For >20 To 40, Deduct	*-88.91*	
		For >40, Deduct	*-186.85*	
26 56 13 00-0525	EA	12' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,512.89	293.58
		For >10 To 20, Deduct	*-51.71*	
		For >20 To 40, Deduct	*-94.16*	
		For >40, Deduct	*-197.57*	
26 56 13 00-0526	EA	14' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,610.19	330.28
		For >10 To 20, Deduct	*-54.50*	
		For >20 To 40, Deduct	*-99.50*	
		For >40, Deduct	*-208.50*	
26 56 13 00-0527	EA	16' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,710.15	366.98
		For >10 To 20, Deduct	*-57.40*	
		For >20 To 40, Deduct	*-105.03*	
		For >40, Deduct	*-219.82*	
26 56 13 00-0528	EA	18' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,816.75	403.68
		For >10 To 20, Deduct	*-60.56*	
		For >20 To 40, Deduct	*-111.03*	
		For >40, Deduct	*-232.14*	
26 56 13 00-0529	EA	20' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,922.02	440.38
		For >10 To 20, Deduct	*-63.67*	
		For >20 To 40, Deduct	*-116.93*	
		For >40, Deduct	*-244.27*	
26 56 13 00-0530	EA	22' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,100.70	513.78
		For >10 To 20, Deduct	*-68.61*	
		For >20 To 40, Deduct	*-126.50*	
		For >40, Deduct	*-263.73*	
26 56 13 00-0531	EA	24' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,309.91	587.18
		For >10 To 20, Deduct	*-74.78*	
		For >20 To 40, Deduct	*-138.21*	
		For >40, Deduct	*-287.77*	
26 56 13 00-0532	EA	26' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,355.07	587.18
		For >10 To 20, Deduct	*-76.59*	
		For >20 To 40, Deduct	*-141.37*	
		For >40, Deduct	*-294.54*	
26 56 13 00-0533	EA	28' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,474.95	623.88
		For >10 To 20, Deduct	*-80.28*	
		For >20 To 40, Deduct	*-148.29*	
		For >40, Deduct	*-308.86*	
26 56 13 00-0534	EA	30' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,594.83	660.57
		For >10 To 20, Deduct	*-83.98*	
		For >20 To 40, Deduct	*-155.22*	
		For >40, Deduct	*-323.17*	
26 56 13 00-0535	EA	10' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,596.21	256.88
		For >10 To 20, Deduct	*-56.14*	
		For >20 To 40, Deduct	*-101.46*	
		For >40, Deduct	*-213.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0536	EA	12' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,710.79	293.58
		For >10 To 20, Deduct	*-59.62*	
		For >20 To 40, Deduct	*-108.01*	
		For >40, Deduct	*-227.26*	
26 56 13 00-0537	EA	14' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,825.35	330.28
		For >10 To 20, Deduct	*-63.11*	
		For >20 To 40, Deduct	*-114.56*	
		For >40, Deduct	*-240.77*	
26 56 13 00-0538	EA	16' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,941.25	366.98
		For >10 To 20, Deduct	*-66.64*	
		For >20 To 40, Deduct	*-121.21*	
		For >40, Deduct	*-254.49*	
26 56 13 00-0539	EA	18' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,062.45	403.68
		For >10 To 20, Deduct	*-70.39*	
		For >20 To 40, Deduct	*-128.22*	
		For >40, Deduct	*-269.00*	
26 56 13 00-0540	EA	20' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,191.63	440.38
		For >10 To 20, Deduct	*-74.45*	
		For >20 To 40, Deduct	*-135.80*	
		For >40, Deduct	*-284.71*	
26 56 13 00-0541	EA	22' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,406.17	513.78
		For >10 To 20, Deduct	*-80.83*	
		For >20 To 40, Deduct	*-147.88*	
		For >40, Deduct	*-309.55*	
26 56 13 00-0542	EA	24' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,622.02	587.18
		For >10 To 20, Deduct	*-87.27*	
		For >20 To 40, Deduct	*-160.05*	
		For >40, Deduct	*-334.59*	
26 56 13 00-0543	EA	26' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,691.09	587.18
		For >10 To 20, Deduct	*-90.03*	
		For >20 To 40, Deduct	*-164.89*	
		For >40, Deduct	*-344.95*	
26 56 13 00-0544	EA	28' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,873.39	623.88
		For >10 To 20, Deduct	*-96.22*	
		For >20 To 40, Deduct	*-176.18*	
		For >40, Deduct	*-368.62*	
26 56 13 00-0545	EA	30' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	3,025.14	660.57
		For >10 To 20, Deduct	*-101.19*	
		For >20 To 40, Deduct	*-185.34*	
		For >40, Deduct	*-387.71*	
26 56 13 00-0546	EA	32' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	3,140.20	678.92
		For >10 To 20, Deduct	*-105.24*	
		For >20 To 40, Deduct	*-192.66*	
		For >40, Deduct	*-403.14*	
26 56 13 00-0547	EA	34' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	3,255.26	697.27
		For >10 To 20, Deduct	*-109.29*	
		For >20 To 40, Deduct	*-199.98*	
		For >40, Deduct	*-418.56*	

26 56 13 00-0548 Round Tapered, Fiberglass Area Light Poles, Direct Burial *(26 56 13 00-0511)*

26 56 13 00-0549	EA	10' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	813.24	183.50
		For >10 To 20, Deduct	*-27.02*	
		For >20 To 40, Deduct	*-49.59*	
		For >40, Deduct	*-103.64*	
26 56 13 00-0550	EA	12' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	875.17	201.84
		For >10 To 20, Deduct	*-28.95*	
		For >20 To 40, Deduct	*-53.19*	
		For >40, Deduct	*-111.09*	
26 56 13 00-0551	EA	14' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	935.78	220.20
		For >10 To 20, Deduct	*-30.83*	
		For >20 To 40, Deduct	*-56.70*	
		For >40, Deduct	*-118.35*	
26 56 13 00-0552	EA	16' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	958.35	220.20
		For >10 To 20, Deduct	*-31.73*	
		For >20 To 40, Deduct	*-58.28*	
		For >40, Deduct	*-121.73*	
26 56 13 00-0553	EA	18' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,032.24	238.54
		For >10 To 20, Deduct	*-34.13*	
		For >20 To 40, Deduct	*-62.72*	
		For >40, Deduct	*-130.98*	
26 56 13 00-0554	EA	20' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,095.51	256.88
		For >10 To 20, Deduct	*-36.11*	
		For >20 To 40, Deduct	*-66.41*	
		For >40, Deduct	*-138.64*	
26 56 13 00-0555	EA	22' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,162.75	275.24
		For >10 To 20, Deduct	*-38.25*	
		For >20 To 40, Deduct	*-70.38*	
		For >40, Deduct	*-146.89*	
26 56 13 00-0556	EA	24' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,236.64	293.58
		For >10 To 20, Deduct	*-40.66*	
		For >20 To 40, Deduct	*-74.82*	
		For >40, Deduct	*-156.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0557	EA	26' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,364.14	293.58
		For >10 To 20, Deduct	*-45.76*	
		For >20 To 40, Deduct	*-83.75*	
		For >40, Deduct	*-175.26*	
26 56 13 00-0558	EA	28' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,528.34	311.94
		For >10 To 20, Deduct	*-51.78*	
		For >20 To 40, Deduct	*-94.51*	
		For >40, Deduct	*-198.06*	
26 56 13 00-0559	EA	30' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,692.53	330.28
		For >10 To 20, Deduct	*-57.79*	
		For >20 To 40, Deduct	*-105.27*	
		For >40, Deduct	*-220.85*	
26 56 13 00-0560	EA	10' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	935.42	183.50
		For >10 To 20, Deduct	*-31.91*	
		For >20 To 40, Deduct	*-58.14*	
		For >40, Deduct	*-121.96*	
26 56 13 00-0561	EA	12' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,004.00	201.84
		For >10 To 20, Deduct	*-34.10*	
		For >20 To 40, Deduct	*-62.21*	
		For >40, Deduct	*-130.42*	
26 56 13 00-0562	EA	14' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,072.57	220.20
		For >10 To 20, Deduct	*-36.30*	
		For >20 To 40, Deduct	*-66.27*	
		For >40, Deduct	*-138.87*	
26 56 13 00-0563	EA	16' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,105.78	220.20
		For >10 To 20, Deduct	*-37.63*	
		For >20 To 40, Deduct	*-68.60*	
		For >40, Deduct	*-143.85*	
26 56 13 00-0564	EA	18' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,174.35	238.54
		For >10 To 20, Deduct	*-39.82*	
		For >20 To 40, Deduct	*-72.66*	
		For >40, Deduct	*-152.30*	
26 56 13 00-0565	EA	20' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,242.93	256.88
		For >10 To 20, Deduct	*-42.01*	
		For >20 To 40, Deduct	*-76.73*	
		For >40, Deduct	*-160.75*	
26 56 13 00-0566	EA	22' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,311.50	275.24
		For >10 To 20, Deduct	*-44.20*	
		For >20 To 40, Deduct	*-80.80*	
		For >40, Deduct	*-169.20*	
26 56 13 00-0567	EA	24' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,410.63	293.58
		For >10 To 20, Deduct	*-47.62*	
		For >20 To 40, Deduct	*-87.00*	
		For >40, Deduct	*-182.24*	
26 56 13 00-0568	EA	26' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,534.14	293.58
		For >10 To 20, Deduct	*-52.56*	
		For >20 To 40, Deduct	*-95.65*	
		For >40, Deduct	*-200.76*	
26 56 13 00-0569	EA	28' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,695.69	311.94
		For >10 To 20, Deduct	*-58.47*	
		For >20 To 40, Deduct	*-106.22*	
		For >40, Deduct	*-223.16*	
26 56 13 00-0570	EA	30' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,855.90	330.28
		For >10 To 20, Deduct	*-64.33*	
		For >20 To 40, Deduct	*-116.70*	
		For >40, Deduct	*-245.36*	
26 56 13 00-0571	EA	10' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,043.00	183.50
		For >10 To 20, Deduct	*-36.22*	
		For >20 To 40, Deduct	*-65.67*	
		For >40, Deduct	*-138.10*	
26 56 13 00-0572	EA	12' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,103.61	201.84
		For >10 To 20, Deduct	*-38.09*	
		For >20 To 40, Deduct	*-69.18*	
		For >40, Deduct	*-145.36*	
26 56 13 00-0573	EA	14' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,162.89	220.20
		For >10 To 20, Deduct	*-39.91*	
		For >20 To 40, Deduct	*-72.59*	
		For >40, Deduct	*-152.41*	
26 56 13 00-0574	EA	16' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,185.47	220.20
		For >10 To 20, Deduct	*-40.81*	
		For >20 To 40, Deduct	*-74.18*	
		For >40, Deduct	*-155.80*	
26 56 13 00-0575	EA	18' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,244.74	238.54
		For >10 To 20, Deduct	*-42.63*	
		For >20 To 40, Deduct	*-77.59*	
		For >40, Deduct	*-162.86*	
26 56 13 00-0576	EA	20' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,305.35	256.88
		For >10 To 20, Deduct	*-44.51*	
		For >20 To 40, Deduct	*-81.10*	
		For >40, Deduct	*-170.11*	
26 56 13 00-0577	EA	22' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,411.11	275.24
		For >10 To 20, Deduct	*-48.19*	
		For >20 To 40, Deduct	*-87.77*	
		For >40, Deduct	*-184.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0578	EA	24' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,532.82	293.58
		For >10 To 20, Deduct	*-52.51*	
		For >20 To 40, Deduct	*-95.55*	
		For >40, Deduct	*-200.56*	
26 56 13 00-0579	EA	26' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,609.85	293.58
		For >10 To 20, Deduct	*-55.59*	
		For >20 To 40, Deduct	*-100.95*	
		For >40, Deduct	*-212.12*	
26 56 13 00-0580	EA	28' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,724.91	311.94
		For >10 To 20, Deduct	*-59.64*	
		For >20 To 40, Deduct	*-108.27*	
		For >40, Deduct	*-227.54*	
26 56 13 00-0581	EA	30' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,839.96	330.28
		For >10 To 20, Deduct	*-63.69*	
		For >20 To 40, Deduct	*-115.59*	
		For >40, Deduct	*-242.97*	

26 56 13 00-0582 Factory Accessories For Fiberglass Area Light Poles *(26 56 13 00-0510)*

26 56 13 00-0583	EA	Open Or Capped Top For Fiberglass Area Light Poles	47.09	
26 56 13 00-0584	EA	Factory Side Drilling Up To Four Fixtures On Fiberglass Area Light Poles	47.09	
26 56 13 00-0585	EA	Smooth Shaft Finish For Fiberglass Area Light Poles	89.35	
26 56 13 00-0586	EA	Vibration Dampener For Fiberglass Area Light Poles	118.33	

26 56 13 00-0587 Concrete Area Light Poles *(26 56 13 00-0177)*

26 56 13 00-0588 Octagonal Tapered, Spun Concrete Area Light Poles, Anchor Base *(26 56 13 00-0587)*

26 56 13 00-0589	EA	28' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	2,450.64	623.88
26 56 13 00-0590	EA	30' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	2,584.18	660.57
26 56 13 00-0591	EA	33' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	2,679.63	678.92
26 56 13 00-0592	EA	36' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	3,309.10	697.27
26 56 13 00-0593	EA	38' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	3,669.67	733.97
26 56 13 00-0594	EA	43' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	4,549.12	954.16
26 56 13 00-0595	EA	47' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	5,454.67	1,174.35
26 56 13 00-0596	EA	27' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base Note: Polished brown with acrylic coating finish.	5,208.09	623.88
26 56 13 00-0597	EA	30' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base Note: Polished brown with acrylic coating finish.	6,001.56	660.57
26 56 13 00-0598	EA	Pole Adapter Base Plate, Galvanized Steel, 1" Thick For Adapting Up To 40'	741.49	220.20
26 56 13 00-0599	EA	13' High Concrete Octagonal Area Light Pole, Pink With Acrylic Coating, Finish Design	3,119.37	440.23
26 56 13 00-0600	EA	Pole Base Cover For All Octagon Poles	287.22	89.84
26 56 13 00-0601	EA	Pole Arms 24" Long, Square, 250 Watt Fixture, Dark, Architectural Bronze	589.40	179.68

26 56 13 00-0602 Tapered, Spun Concrete Area Light Poles, Direct Burial *(26 56 13 00-0587)*

Note: Round or square.

26 56 13 00-0603	EA	13' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	2,574.21	293.58
26 56 13 00-0604	EA	16' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	2,914.26	366.98
26 56 13 00-0605	EA	18' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	3,223.44	440.38
26 56 13 00-0606	EA	30' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	4,498.71	660.57
26 56 13 00-0607	EA	35' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	5,177.72	697.27
26 56 13 00-0608	EA	40' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	5,911.46	733.97
26 56 13 00-0609	EA	45' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	6,868.77	954.16

26 56 13 00-0610 Round Tapered, Spun Concrete Area Light Poles, Direct Burial *(26 56 13 00-0587)*

26 56 13 00-0611	EA	60' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C2 60 9-22)	19,705.71	1,651.43
26 56 13 00-0612	EA	70' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C2 70 9-24)	23,508.62	2,042.22
26 56 13 00-0613	EA	80' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C1 80 9-26)	27,893.74	2,758.79

26 56 13 00-0614 Cast Iron Decorative Light Posts *(26 56 13 00-0177)*

26 56 13 00-0615 Round Tapered, Cast Iron Decorative Light Post, Anchor Base *(26 56 13 00-0614)*

Note: As manufactured by Hadco and King Luminaries or an approved equal.

26 56 13 00-0616	EA	10' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,446.04	183.50
26 56 13 00-0617	EA	12' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,530.49	211.38
26 56 13 00-0618	EA	14' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,656.88	220.20
26 56 13 00-0619	EA	16' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	2,031.53	256.88
26 56 13 00-0620	EA	18' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	2,366.23	278.91
26 56 13 00-0621	EA	20' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	2,716.82	300.93

26 56 13 00-0622 Landscape Light Poles *(26 56 13 00-0001)*

Note: Excludes lighting fixtures.

26 56 13 00-0623 Aluminum Landscape Light Poles *(26 56 13 00-0622)*

Note: Includes painted finish.

26 56 13 00-0624 Round Straight, Aluminum Landscape Light Poles *(26 56 13 00-0623)*

26 56 13 00-0625 Round Straight, Aluminum Landscape Light Poles, Anchor Base *(26 56 13 00-0624)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0626	EA	7' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Anchor Base	527.41	220.20
26 56 13 00-0627	EA	12' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Anchor Base	862.63	293.58
26 56 13 00-0628		**Round Straight, Aluminum Landscape Light Poles, Direct Burial** *(26 56 13 00-0624)*		
26 56 13 00-0629	EA	7' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Direct Burial	486.45	220.20
26 56 13 00-0630	EA	12' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Direct Burial	821.67	293.58
26 56 13 00-0631		**Steel Landscape Light Poles** *(26 56 13 00-0622)*		
		Note: Includes painted finish.		
26 56 13 00-0632		**Round Straight, Steel Landscape Light Poles** *(26 56 13 00-0631)*		
26 56 13 00-0633		**Round Straight, Steel Landscape Light Poles, Anchor Base** *(26 56 13 00-0632)*		
26 56 13 00-0634	EA	6'-8" High, 3" OD, Round Straight, Steel Landscape Light Pole, Anchor Base	584.79	220.20
26 56 13 00-0635		**Round Straight, Steel Landscape Light Poles, Direct Burial** *(26 56 13 00-0632)*		
26 56 13 00-0636	EA	6'-8" High, 3" OD, Round Straight, Steel Landscape Light Pole, Direct Burial	552.44	220.20
26 56 13 00-0637		**Light Pole Brackets And Arms** *(26 56 13 00-0001)*		
26 56 13 00-0638		**Light Pole Brackets** *(26 56 13 00-0637)*		
26 56 13 00-0639		**Bullhorn Style, Pole Top Area Light Brackets** *(26 56 13 00-0638)*		
26 56 13 00-0640		**Round Bullhorn Style, Pole Top Area Light Brackets** *(26 56 13 00-0639)*		
26 56 13 00-0641		**Steel, Round Bullhorn Style, Pole Top Area Light Brackets** *(26 56 13 00-0640)*		
		Note: Includes powdercoat finish.		
26 56 13 00-0642	EA	Two Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	667.18	44.04
		For Galvanized Finish, Add	*57.91*	
26 56 13 00-0643	EA	Three Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	841.90	44.04
		For Galvanized Finish, Add	*75.38*	
26 56 13 00-0644	EA	Three Tenons At 120 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	895.23	44.04
		For Galvanized Finish, Add	*80.72*	
26 56 13 00-0645	EA	Four Tenons At 90 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	1,224.44	44.04
		For Galvanized Finish, Add	*113.64*	
26 56 13 00-0646	EA	Four Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	1,275.71	44.04
		For Galvanized Finish, Add	*118.76*	
26 56 13 00-0647		**Aluminum, Round Bullhorn Style, Pole Top Area Light Brackets** *(26 56 13 00-0640)*		
		Note: Includes satin brushed or painted finish.		
26 56 13 00-0648	EA	Two Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	247.50	44.04
		For Bronze Or Satin Anodized Finish, Add	*15.94*	
		For Black Anodized Finish, Add	*31.88*	
26 56 13 00-0649	EA	Three Tenons At 120 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	298.35	44.04
		For Bronze Or Satin Anodized Finish, Add	*21.03*	
		For Black Anodized Finish, Add	*42.05*	
26 56 13 00-0650	EA	Three Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	312.04	44.04
		For Bronze Or Satin Anodized Finish, Add	*22.40*	
		For Black Anodized Finish, Add	*44.79*	
26 56 13 00-0651	EA	Four Tenons At 90 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	359.97	44.04
		For Bronze Or Satin Anodized Finish, Add	*27.19*	
		For Black Anodized Finish, Add	*54.38*	
26 56 13 00-0652	EA	Four Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	369.75	44.04
		For Bronze Or Satin Anodized Finish, Add	*28.17*	
		For Black Anodized Finish, Add	*56.33*	
26 56 13 00-0653		**Square Bullhorn Style, Pole Top Area Light Brackets** *(26 56 13 00-0639)*		
26 56 13 00-0654		**Steel, Square Bullhorn Style, Pole Top Area Light Brackets** *(26 56 13 00-0653)*		
		Note: Includes powdercoat finish.		
26 56 13 00-0655	EA	Two Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket	717.07	44.04
		For Galvanized Finish, Add	*62.90*	
26 56 13 00-0656	EA	Three Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket	884.43	44.04
		For Galvanized Finish, Add	*79.64*	
26 56 13 00-0657	EA	Four Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket	1,080.99	44.04
		For Galvanized Finish, Add	*99.29*	
26 56 13 00-0658	EA	Four Tenons At 90 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket	1,278.46	44.04
		For Galvanized Finish, Add	*119.04*	
26 56 13 00-0659		**Wood Pole Clamp On Style, Pole Top Area Light Brackets** *(26 56 13 00-0638)*		
26 56 13 00-0660		**Steel, Wood Pole Clamp On Style, Pole Top Area Light Brackets** *(26 56 13 00-0659)*		
		Note: Includes powdercoat finish.		
26 56 13 00-0661	EA	One Tenon, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket	682.45	73.40
26 56 13 00-0662	EA	Two Tenons At 90, 120 Or 180 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket	1,024.99	73.40
26 56 13 00-0663	EA	Three Tenons At 120 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket	1,430.29	73.40
26 56 13 00-0664	EA	Four Tenons At 90 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket	1,563.63	73.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0665		**Light Pole Arms** *(26 56 13 00-0637)*		
26 56 13 00-0666		**Wood Pole Streetlight Arms** *(26 56 13 00-0665)*		
26 56 13 00-0667		**Steel, Wood Pole Streetlight Arms** *(26 56 13 00-0666)*		
26 56 13 00-0668	EA	1-1/4" Arm Diameter, 2-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	399.25	66.05
26 56 13 00-0669	EA	1-1/4" Arm Diameter, 3-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	422.90	73.40
26 56 13 00-0670	EA	1-1/4" Arm Diameter, 5-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	491.10	91.74
26 56 13 00-0671	EA	2" Arm Diameter, 3-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	587.04	73.40
26 56 13 00-0672	EA	2" Arm Diameter, 5-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	654.78	91.74
26 56 13 00-0673	EA	2" Arm Diameter, 7-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	794.70	110.10
26 56 13 00-0674		**Aluminum, Wood Pole Streetlight Arms** *(26 56 13 00-0666)*		
26 56 13 00-0675	EA	1-1/4" Arm Diameter, 42" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount	256.31	73.40
26 56 13 00-0676	EA	2" Arm Diameter, 42" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount	312.48	73.40
26 56 13 00-0677	EA	2" Arm Diameter, 66" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount	415.91	91.74
26 56 13 00-0678	EA	2" Arm Diameter, 90" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount	542.61	110.10
26 56 13 00-0679		**Area Light Arms** *(26 56 13 00-0665)*		
26 56 13 00-0680		**Steel Area Light Arms** *(26 56 13 00-0679)*		
26 56 13 00-0681	EA	Single, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arm, Hub Mount	757.53	73.40
26 56 13 00-0682	EA	Two, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount	1,184.93	80.73
26 56 13 00-0683	EA	Three, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount	1,316.51	88.08
26 56 13 00-0684	EA	Four, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount	1,562.60	95.42
26 56 13 00-0685	EA	Single, 2.38" Arm Diameter, 6' Arm Length, Upsweep Style, Steel Area Light Arm, Hub Mount	903.98	91.74
26 56 13 00-0686	EA	Two, 2.38" Arm Diameter, 6' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount	1,288.43	99.09
26 56 13 00-0687		**Aluminum Area Light Arms** *(26 56 13 00-0679)*		
26 56 13 00-0688	EA	Single, 4' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount	306.22	73.40
26 56 13 00-0689	EA	Single, 6' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount	378.12	91.74
26 56 13 00-0690	EA	Single, 8' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount	451.99	110.10
26 56 13 00-0691	EA	Single, 4' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount	304.26	73.40
26 56 13 00-0692	EA	Two, 4' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount	424.55	80.73
26 56 13 00-0693	EA	Single, 6' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount	374.21	91.74
26 56 13 00-0694	EA	Two, 6' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount	517.98	99.09
26 56 13 00-0695	EA	Single, 8' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount	453.94	110.10
26 56 13 00-0696	EA	Two, 8' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount	628.03	117.43
26 56 13 00-0697		**Removal And Reinstallation Of Lighting Pole** *(26 56 13 00-0001)*		
26 56 13 00-0698	EA	Removal And Relocation Of Up To 45' Lighting Pole And Standards With One Or Two Arms	2,422.34	
26 56 13 00-0699		**High Mast Lighting** *(26 56 13 00-0001)*		
26 56 13 00-0700		**High Mast Lighting Assemblies** *(26 56 13 00-0699)* Note: Includes non-latching system, ring assembly with internal bumper, acrylic top cover, pulley supports, cast arm filter for pipe tension, transition assembly, standard head frame assembly, standard hoist, and powder coated pole.		
26 56 13 00-0701	EA	60' High Mast Lighting Assembly	60,398.44	2,266.93
26 56 13 00-0702	EA	70' High Mast Lighting Assembly	63,800.19	2,374.28
26 56 13 00-0703	EA	80' High Mast Lighting Assembly	67,238.60	2,529.35
26 56 13 00-0704	EA	90' High Mast Lighting Assembly	70,711.56	2,732.14
26 56 13 00-0705	EA	100' High Mast Lighting Assembly	74,203.27	2,982.55
26 56 13 00-0706	EA	110' High Mast Lighting Assembly	78,696.53	3,281.03
26 56 13 00-0707	EA	120' High Mast Lighting Assembly	82,325.18	3,579.26
26 56 13 00-0708	EA	130' High Mast Lighting Assembly	85,675.72	3,877.49
26 56 13 00-0709	EA	140' High Mast Lighting Assembly	89,304.37	4,175.87
26 56 13 00-0710	EA	150' High Mast Lighting Assembly	93,719.97	4,474.11
26 56 13 00-0711		**High Mast Light Poles** *(26 56 13 00-0699)*		
26 56 13 00-0712	EA	60' High Mast Light Poles	22,936.66	1,361.48
26 56 13 00-0713	EA	70' High Mast Light Poles	26,306.18	1,425.97
26 56 13 00-0714	EA	80' High Mast Light Poles	29,698.00	1,519.12
26 56 13 00-0715	EA	90' High Mast Light Poles	33,110.08	1,640.94
26 56 13 00-0716	EA	100' High Mast Light Poles	36,544.44	1,791.42
26 56 13 00-0717	EA	110' High Mast Light Poles	40,001.12	1,970.57
26 56 13 00-0718	EA	120' High Mast Light Poles	42,613.15	2,149.70
26 56 13 00-0719	EA	130' High Mast Light Poles	42,616.16	3,984.12
26 56 13 00-0720	EA	140' High Mast Light Poles	47,557.04	2,507.99
26 56 13 00-0721	EA	150' High Mast Light Poles	50,449.25	2,687.13
26 56 13 00-0722		**High Mast Lighting Accessories** *(26 56 13 00-0699)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0723	EA	Bottom Latching System For High Mast Lighting	1,064.44	
26 56 13 00-0724	EA	Top Latching System For High Mast Lighting	3,012.19	
26 56 13 00-0725	EA	Centering Springs For High Mast Lighting	2,281.29	
26 56 13 00-0726	EA	Electric Power Cord For High Mast Lighting	959.14	
26 56 13 00-0727	EA	Aircraft Warning Lights For High Mast Lighting	1,787.39	
26 56 13 00-0728	EA	Internal Motorized Hoist For High Mast Lighting	19,487.41	
26 56 13 00-0729	EA	Portable Hoist Motor With Step Down Transformer For High Mast Lighting	19,600.99	

26 56 13 00-0730 Concrete Bases *(26 56 13 00-0001)*

26 56 13 00-0731 Concrete Bases, Cast In Place *(26 56 13 00-0730)*

Note: Includes excavation/drilling, concrete, reinforcement, forms for exposed base, anchors/supports and backfill. Excludes conduit.

26 56 13 00-0732	EA	Minimum Charge For Cast In Place Concrete Base For Poles Note: For projects where the cast in place concrete base for poles charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	617.78	
26 56 13 00-0733	VLF	1-1/2' Diameter Concrete Base For Poles	71.37	
26 56 13 00-0734	VLF	2' Diameter Concrete Base For Poles	99.74	
26 56 13 00-0735	VLF	2-1/2' Diameter Concrete Base For Poles	134.36	
26 56 13 00-0736	VLF	3' Diameter Concrete Base For Poles	176.38	
26 56 13 00-0737	VLF	3-1/2' Diameter Concrete Base For Poles	235.60	
26 56 13 00-0738	VLF	4' Diameter Concrete Base For Poles	296.27	
26 56 13 00-0739	VLF	5' Diameter Concrete Base For Poles	430.48	
26 56 13 00-0740	VLF	6' Diameter Concrete Base For Poles	592.38	

26 56 18 Incandescent Exterior Lighting *(26 56)*

26 56 18 00-0001 Exterior Globe *(26 56 18)*

26 56 18 00-0002 Incandescent, Exterior Globe *(26 56 18 00-0001)*

26 56 18 00-0003	EA	100 Watt Incandescent, Enclosed And Gasketed, Exterior Wall Fixture	63.14	23.93
26 56 18 00-0004	EA	150 To 200 Watt Incandescent, Enclosed And Gasketed, Exterior Wall Fixture	95.08	23.93
26 56 18 00-0005	EA	100 Watt Incandescent, Enclosed And Gasketed With Guard, Exterior Wall Fixture	73.09	23.93
26 56 18 00-0006	EA	150 To 200 Watt Incandescent, Enclosed And Gasketed With Guard, Exterior Wall Fixture	98.92	23.93

26 56 18 00-0007 Compact Fluorescent And Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures *(26 56 18)*

Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.

26 56 18 00-0008	EA	7 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	280.22	95.72
26 56 18 00-0009	EA	9 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	292.23	101.71
26 56 18 00-0010	EA	13 Or 14 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	321.55	107.68
26 56 18 00-0011	EA	75 Watt Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	315.77	119.65
26 56 18 00-0012	EA	100 Watt Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	354.87	137.60

26 56 19 LED Exterior Lighting *(26 56)*

26 56 19 00-0001 LED, Roadway Lighting *(26 56 19)*

26 56 19 00-0002 LED Roadway Lighting (Philips Lumec) *(26 56 19 00-0001)*

26 56 19 00-0003 Horizontal Tenon Mount, LED Cobra Head Street Lights (Philips Lumec GPL Series) *(26 56 19 00-0002)*

Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 570mA driver, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.

26 56 19 00-0004	EA	49 LEDs, 102 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec GPLS Series)	1,535.15	176.47
		For >50 To 100, Deduct	*-76.76*	
		For >100 To 250, Deduct	*-115.14*	
		For >250 To 500, Deduct	*-183.07*	
		For >500 To 1,000, Deduct	*-251.00*	
		For >1,000, Deduct	*-318.94*	
26 56 19 00-0005	EA	98 LEDs, 204 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec GPLM Series)	2,379.62	181.25
		For >50 To 100, Deduct	*-118.98*	
		For >100 To 250, Deduct	*-178.47*	
		For >250 To 500, Deduct	*-288.39*	
		For >500 To 1,000, Deduct	*-398.31*	
		For >1,000, Deduct	*-508.23*	

26 56 19 00-0006 Horizontal Tenon Mount, LED Cobra Head Street Lights (Philips Lumec RFM Series) *(26 56 19 00-0002)*

Note: UL wet listed. Includes 3,000 to 4,000K color temperature, 120-277 voltage, up to 1050mA driver, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.

26 56 19 00-0007	EA	48 LEDs, 55 Watt, Type III Medium, 120-277 Volt, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec RFM Series)	1,238.08	176.47
		For >50 To 100, Deduct	*-61.90*	
		For >100 To 250, Deduct	*-92.86*	
		For >250 To 500, Deduct	*-145.94*	
		For >500 To 1,000, Deduct	*-199.02*	
		For >1,000, Deduct	*-252.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0008	EA	48 LEDs, 80 Watt, Type III Medium, 120-277 Volt, RoadFocus Roadway, LED Cobra Head Luminaire (Philips Lumec RFM Series)	1,326.59	176.47
		For >50 To 100, Deduct	*-66.33*	
		For >100 To 250, Deduct	*-99.49*	
		For >250 To 500, Deduct	*-157.00*	
		For >500 To 1,000, Deduct	*-214.51*	
		For >1,000, Deduct	*-272.01*	
26 56 19 00-0009	EA	48 LEDs, 108 Watt, Type III Medium, 120-277 Volt, RoadFocus Roadway, LED Cobra Head Luminaire (Philips Lumec RFM Series)	1,415.10	176.47
		For >50 To 100, Deduct	*-70.76*	
		For >100 To 250, Deduct	*-106.13*	
		For >250 To 500, Deduct	*-168.06*	
		For >500 To 1,000, Deduct	*-230.00*	
		For >1,000, Deduct	*-291.93*	

26 56 19 00-0010 LED Roadway Lighting (Lithonia) *(26 56 19 00-0001)*

26 56 19 00-0011 Horizontal Tenon Mount, LED Cobra Head Street Lights (Lithonia CSX1 Series) *(26 56 19 00-0010)*

Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 700mA driver, die-cast extruded aluminum housing assembly and bronze powder coat finish. Excludes sensors.

26 56 19 00-0012	EA	30 LEDs, 74 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Lithonia CSX1 Series)	2,489.89	166.94
		For >50 To 100, Deduct	*-124.49*	
		For >100 To 250, Deduct	*-186.74*	
		For >250 To 500, Deduct	*-302.89*	
		For >500 To 1,000, Deduct	*-419.04*	
		For >1,000, Deduct	*-535.19*	
26 56 19 00-0013	EA	60 LEDs, 146 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Lithonia CSX1 Series)	4,125.86	171.71
		For >50 To 100, Deduct	*-206.29*	
		For >100 To 250, Deduct	*-309.44*	
		For >250 To 500, Deduct	*-507.15*	
		For >500 To 1,000, Deduct	*-704.86*	
		For >1,000, Deduct	*-902.56*	

26 56 19 00-0014 LED Roadway Lighting (CREE® BetaLED®) *(26 56 19 00-0001)*

26 56 19 00-0015 Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® BetaLED® LEDway® STR-LWY) *(26 56 19 00-0014)*

Note: UL wet listed. Includes 6,000K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type II Medium, Type II Short or Type III Medium optic. Excludes sensors.

26 56 19 00-0016	EA	20 LEDs, 25 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	861.47	162.16
		For >50 To 100, Deduct	*-43.07*	
		For >100 To 250, Deduct	*-64.61*	
		For >250 To 500, Deduct	*-99.58*	
		For >500 To 1,000, Deduct	*-134.54*	
		For >1,000, Deduct	*-169.51*	
26 56 19 00-0017	EA	30 LEDs, 35 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	962.11	166.94
		For >50 To 100, Deduct	*-48.11*	
		For >100 To 250, Deduct	*-72.16*	
		For >250 To 500, Deduct	*-111.92*	
		For >500 To 1,000, Deduct	*-151.68*	
		For >1,000, Deduct	*-191.43*	
26 56 19 00-0018	EA	40 LEDs, 45 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,083.16	171.71
		For >50 To 100, Deduct	*-54.16*	
		For >100 To 250, Deduct	*-81.24*	
		For >250 To 500, Deduct	*-126.81*	
		For >500 To 1,000, Deduct	*-172.38*	
		For >1,000, Deduct	*-217.96*	
26 56 19 00-0019	EA	50 LEDs, 55 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,185.35	176.47
		For >50 To 100, Deduct	*-59.27*	
		For >100 To 250, Deduct	*-88.90*	
		For >250 To 500, Deduct	*-139.35*	
		For >500 To 1,000, Deduct	*-189.79*	
		For >1,000, Deduct	*-240.23*	
26 56 19 00-0020	EA	60 LEDs, 65 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,287.56	181.25
		For >50 To 100, Deduct	*-64.38*	
		For >100 To 250, Deduct	*-96.57*	
		For >250 To 500, Deduct	*-151.88*	
		For >500 To 1,000, Deduct	*-207.20*	
		For >1,000, Deduct	*-262.52*	
26 56 19 00-0021	EA	70 LEDs, 75 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,527.98	186.01
		For >50 To 100, Deduct	*-76.40*	
		For >100 To 250, Deduct	*-114.60*	
		For >250 To 500, Deduct	*-181.70*	
		For >500 To 1,000, Deduct	*-248.80*	
		For >1,000, Deduct	*-315.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0022	EA	80 LEDs, 86 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,630.19	190.78
		For >50 To 100, Deduct	*-81.51*	
		For >100 To 250, Deduct	*-122.26*	
		For >250 To 500, Deduct	*-194.23*	
		For >500 To 1,000, Deduct	*-266.20*	
		For >1,000, Deduct	*-338.18*	
26 56 19 00-0023	EA	90 LEDs, 96 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,730.81	195.56
		For >50 To 100, Deduct	*-86.54*	
		For >100 To 250, Deduct	*-129.81*	
		For >250 To 500, Deduct	*-206.57*	
		For >500 To 1,000, Deduct	*-283.34*	
		For >1,000, Deduct	*-360.10*	
26 56 19 00-0024	EA	100 LEDs, 111 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,925.68	200.32
		For >50 To 100, Deduct	*-96.28*	
		For >100 To 250, Deduct	*-144.43*	
		For >250 To 500, Deduct	*-230.69*	
		For >500 To 1,000, Deduct	*-316.96*	
		For >1,000, Deduct	*-403.23*	
26 56 19 00-0025	EA	110 LEDs, 122 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	2,027.89	205.09
		For >50 To 100, Deduct	*-101.39*	
		For >100 To 250, Deduct	*-152.09*	
		For >250 To 500, Deduct	*-243.23*	
		For >500 To 1,000, Deduct	*-334.37*	
		For >1,000, Deduct	*-425.51*	
26 56 19 00-0026	EA	120 LEDs, 133 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	2,130.09	209.86
		For >50 To 100, Deduct	*-106.50*	
		For >100 To 250, Deduct	*-159.76*	
		For >250 To 500, Deduct	*-255.77*	
		For >500 To 1,000, Deduct	*-351.78*	
		For >1,000, Deduct	*-447.79*	

26 56 19 00-0027 Surface Mount, LED Transportation Fixtures (CREE® BetaLED® Edge® TSP-EDG) *(26 56 19 00-0014)*

Note: Direct, cantenary or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0028	EA	40 LEDs, 47 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	1,656.42	171.71
		For Multi-Level Drive Currents, Add	*219.88*	
		For >50 To 100, Deduct	*-82.82*	
		For >100 To 250, Deduct	*-124.23*	
		For >250 To 500, Deduct	*-198.47*	
		For >500 To 1,000, Deduct	*-272.70*	
		For >1,000, Deduct	*-346.94*	
26 56 19 00-0029	EA	60 LEDs, 68 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	1,906.37	181.25
		For Multi-Level Drive Currents, Add	*219.88*	
		For >50 To 100, Deduct	*-95.32*	
		For >100 To 250, Deduct	*-142.98*	
		For >250 To 500, Deduct	*-229.23*	
		For >500 To 1,000, Deduct	*-315.49*	
		For >1,000, Deduct	*-401.75*	
26 56 19 00-0030	EA	80 LEDs, 90 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	2,156.34	190.78
		For Multi-Level Drive Currents, Add	*219.88*	
		For >50 To 100, Deduct	*-107.82*	
		For >100 To 250, Deduct	*-161.73*	
		For >250 To 500, Deduct	*-260.00*	
		For >500 To 1,000, Deduct	*-358.28*	
		For >1,000, Deduct	*-456.56*	
26 56 19 00-0031	EA	100 LEDs, 111 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	2,406.28	200.32
		For Multi-Level Drive Currents, Add	*219.88*	
		For >50 To 100, Deduct	*-120.31*	
		For >100 To 250, Deduct	*-180.47*	
		For >250 To 500, Deduct	*-290.77*	
		For >500 To 1,000, Deduct	*-401.07*	
		For >1,000, Deduct	*-511.37*	
26 56 19 00-0032	EA	120 LEDs, 132 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	3,146.26	209.86
		For Multi-Level Drive Currents, Add	*219.88*	
		For >50 To 100, Deduct	*-157.31*	
		For >100 To 250, Deduct	*-235.97*	
		For >250 To 500, Deduct	*-382.79*	
		For >500 To 1,000, Deduct	*-529.61*	
		For >1,000, Deduct	*-676.43*	
26 56 19 00-0033	EA	140 LEDs, 157 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	3,396.22	219.40
		For Multi-Level Drive Currents, Add	*219.88*	
		For >50 To 100, Deduct	*-169.81*	
		For >100 To 250, Deduct	*-254.72*	
		For >250 To 500, Deduct	*-413.56*	
		For >500 To 1,000, Deduct	*-572.40*	
		For >1,000, Deduct	*-731.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0034	EA	160 LEDs, 179 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	3,646.17	228.94
		For Multi-Level Drive Currents, Add	*219.88*	
		For >50 To 100, Deduct	*-182.31*	
		For >100 To 250, Deduct	*-273.46*	
		For >250 To 500, Deduct	*-444.32*	
		For >500 To 1,000, Deduct	*-615.19*	
		For >1,000, Deduct	*-786.05*	

26 56 19 00-0035 Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® BetaLED® XSP) *(26 56 19 00-0014)*

Note: UL wet listed. Includes 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0036	EA	4,806 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-B-HT-XXX-A)	730.47	171.71
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*18.52*	
		For Backlight Control Shield, Add	*34.68*	
		For Field Adjustable Output, Add	*27.79*	
		For Bird Spikes, Add	*52.18*	
		For Field Adjustable Output And Utility Label, Add	*37.05*	
		For Fuse, Add	*55.57*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*55.57*	
		For 480 Volt, Add	*83.36*	
		For Multi-Level, Add	*120.40*	
		For >50 To 100, Deduct	*-36.52*	
		For >100 To 250, Deduct	*-54.79*	
		For >250 To 500, Deduct	*-82.72*	
		For >500 To 1,000, Deduct	*-110.66*	
		For >1,000, Deduct	*-138.60*	
26 56 19 00-0037	EA	5,340 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-B-HT-XXX-A)	730.47	171.71
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*18.52*	
		For Backlight Control Shield, Add	*34.68*	
		For Field Adjustable Output, Add	*27.79*	
		For Bird Spikes, Add	*52.18*	
		For Field Adjustable Output And Utility Label, Add	*37.05*	
		For Fuse, Add	*55.57*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*55.57*	
		For 480 Volt, Add	*83.36*	
		For Multi-Level, Add	*120.40*	
		For >50 To 100, Deduct	*-36.52*	
		For >100 To 250, Deduct	*-54.79*	
		For >250 To 500, Deduct	*-82.72*	
		For >500 To 1,000, Deduct	*-110.66*	
		For >1,000, Deduct	*-138.60*	
26 56 19 00-0038	EA	8,407 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-C-HT-XXX-E)	800.48	171.71
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*18.52*	
		For Backlight Control Shield, Add	*34.68*	
		For Field Adjustable Output, Add	*27.79*	
		For Bird Spikes, Add	*52.18*	
		For Field Adjustable Output And Utility Label, Add	*37.05*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*55.57*	
		For 480 Volt, Add	*83.36*	
		For >50 To 100, Deduct	*-40.02*	
		For >100 To 250, Deduct	*-60.04*	
		For >250 To 500, Deduct	*-91.47*	
		For >500 To 1,000, Deduct	*-122.91*	
		For >1,000, Deduct	*-154.35*	
26 56 19 00-0039	EA	8,820 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-C-HT-XXX-E)	800.48	171.71
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*18.52*	
		For Backlight Control Shield, Add	*34.68*	
		For Field Adjustable Output, Add	*27.79*	
		For Bird Spikes, Add	*52.18*	
		For Field Adjustable Output And Utility Label, Add	*37.05*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*55.57*	
		For 480 Volt, Add	*83.36*	
		For >50 To 100, Deduct	*-40.02*	
		For >100 To 250, Deduct	*-60.04*	
		For >250 To 500, Deduct	*-91.47*	
		For >500 To 1,000, Deduct	*-122.91*	
		For >1,000, Deduct	*-154.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0040	EA	9,612 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-B-HT-XXX-B)	924.95	171.71
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*18.52*	
		For Field Adjustable Output, Add	*27.79*	
		For Backlight Control Shield, Add	*48.28*	
		For Field Adjustable Output And Utility Label, Add	*37.05*	
		For Fuse, Add	*55.57*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*55.57*	
		For Bird Spikes, Add	*83.31*	
		For 480 Volt, Add	*83.36*	
		For Multi-Level, Add	*120.40*	
		For >50 To 100, Deduct	*-46.25*	
		For >100 To 250, Deduct	*-69.37*	
		For >250 To 500, Deduct	*-107.03*	
		For >500 To 1,000, Deduct	*-144.70*	
		For >1,000, Deduct	*-182.36*	
26 56 19 00-0041	EA	10,680 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-B-HT-XXX-B)	924.95	171.71
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*18.52*	
		For Field Adjustable Output, Add	*27.79*	
		For Backlight Control Shield, Add	*48.28*	
		For Field Adjustable Output And Utility Label, Add	*37.05*	
		For Fuse, Add	*55.57*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*55.57*	
		For Bird Spikes, Add	*83.31*	
		For 480 Volt, Add	*83.36*	
		For Multi-Level, Add	*120.40*	
		For >50 To 100, Deduct	*-46.25*	
		For >100 To 250, Deduct	*-69.37*	
		For >250 To 500, Deduct	*-107.03*	
		For >500 To 1,000, Deduct	*-144.70*	
		For >1,000, Deduct	*-182.36*	
26 56 19 00-0042	EA	13,732 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-C-HT-XXX-F)	1,041.66	171.71
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*18.52*	
		For Field Adjustable Output, Add	*27.79*	
		For Backlight Control Shield, Add	*48.28*	
		For Field Adjustable Output And Utility Label, Add	*37.05*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*55.57*	
		For Bird Spikes, Add	*83.31*	
		For 480 Volt, Add	*83.36*	
		For >50 To 100, Deduct	*-52.08*	
		For >100 To 250, Deduct	*-78.12*	
		For >250 To 500, Deduct	*-121.62*	
		For >500 To 1,000, Deduct	*-165.12*	
		For >1,000, Deduct	*-208.62*	
26 56 19 00-0043	EA	14,408 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-C-HT-XXX-F)	1,041.66	171.71
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*18.52*	
		For Field Adjustable Output, Add	*27.79*	
		For Backlight Control Shield, Add	*48.28*	
		For Field Adjustable Output And Utility Label, Add	*37.05*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*55.57*	
		For Bird Spikes, Add	*83.31*	
		For 480 Volt, Add	*83.36*	
		For >50 To 100, Deduct	*-52.08*	
		For >100 To 250, Deduct	*-78.12*	
		For >250 To 500, Deduct	*-121.62*	
		For >500 To 1,000, Deduct	*-165.12*	
		For >1,000, Deduct	*-208.62*	
26 56 19 00-0044	EA	2,529 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-A-O-X-X-G)	605.98	171.71
		For Utility Label, Add	*9.26*	
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*18.52*	
		For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*27.79*	
		For 0 To 10 Volt Dimming, Add	*55.57*	
		For >50 To 100, Deduct	*-30.30*	
		For >100 To 250, Deduct	*-45.45*	
		For >250 To 500, Deduct	*-67.16*	
		For >500 To 1,000, Deduct	*-88.88*	
		For >1,000, Deduct	*-110.59*	
26 56 19 00-0045	EA	2,722 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-A-O-X-X-G)	605.98	171.71
		For Utility Label, Add	*9.26*	
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*18.52*	
		For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*27.79*	
		For 0 To 10 Volt Dimming, Add	*55.57*	
		For >50 To 100, Deduct	*-30.30*	
		For >100 To 250, Deduct	*-45.45*	
		For >250 To 500, Deduct	*-67.16*	
		For >500 To 1,000, Deduct	*-88.88*	
		For >1,000, Deduct	*-110.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0046	EA	3,819 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™BXSPR-A-O-X-X-C)	635.16	171.71
		For Utility Label, Add	*9.26*	
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*18.52*	
		For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*27.79*	
		For 0 To 10 Volt Dimming, Add	*55.57*	
		For >50 To 100, Deduct	*-31.76*	
		For >100 To 250, Deduct	*-47.64*	
		For >250 To 500, Deduct	*-70.81*	
		For >500 To 1,000, Deduct	*-93.98*	
		For >1,000, Deduct	*-117.16*	
26 56 19 00-0047	EA	4,109 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™BXSPR-A-O-X-X-C)	635.16	171.71
		For Utility Label, Add	*9.26*	
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*18.52*	
		For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*27.79*	
		For 0 To 10 Volt Dimming, Add	*55.57*	
		For >50 To 100, Deduct	*-31.76*	
		For >100 To 250, Deduct	*-47.64*	
		For >250 To 500, Deduct	*-70.81*	
		For >500 To 1,000, Deduct	*-93.98*	
		For >1,000, Deduct	*-117.16*	
26 56 19 00-0048	EA	4,548 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-B-HT-XXX-A)	644.88	171.71
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*18.52*	
		For Field Adjustable Output, Add	*27.79*	
		For Field Adjustable Output And Utility Label, Add	*37.05*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*55.57*	
		For 0 To 10 Volt Dimming, Add	*55.57*	
		For >50 To 100, Deduct	*-32.24*	
		For >100 To 250, Deduct	*-48.37*	
		For >250 To 500, Deduct	*-72.02*	
		For >500 To 1,000, Deduct	*-95.68*	
		For >1,000, Deduct	*-119.34*	
26 56 19 00-0049	EA	4,627 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-B-HT-XXX-A)	644.88	171.71
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*18.52*	
		For Field Adjustable Output, Add	*27.79*	
		For Field Adjustable Output And Utility Label, Add	*37.05*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*55.57*	
		For 0 To 10 Volt Dimming, Add	*55.57*	
		For >50 To 100, Deduct	*-32.24*	
		For >100 To 250, Deduct	*-48.37*	
		For >250 To 500, Deduct	*-72.02*	
		For >500 To 1,000, Deduct	*-95.68*	
		For >1,000, Deduct	*-119.34*	

26 56 19 00-0050 Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® RSW™)

(26 56 19 00-0014)

Note: UL wet listed. Includes 120-277 voltage, die-cast extruded aluminum housing assembly and gray powder coat finish. Includes utility label and NEMA® photocell receptacle. Excludes sensors.

26 56 19 00-0051	EA	3,300 Lumens, 3000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-XXX-30W-30K-UL-GY-N)	625.44	171.71
		For Field Adjustable Output, Add	*27.79*	
		For Backlight Control Shield, Add	*63.48*	
		For Bird Spikes, Add	*83.85*	
		For >50 To 100, Deduct	*-31.27*	
		For >100 To 250, Deduct	*-46.91*	
		For >250 To 500, Deduct	*-69.59*	
		For >500 To 1,000, Deduct	*-92.28*	
		For >1,000, Deduct	*-114.97*	
26 56 19 00-0052	EA	3,300 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-XXX-30W-40K-UL-GY-N)	625.44	171.71
		For Field Adjustable Output, Add	*27.79*	
		For Backlight Control Shield, Add	*63.48*	
		For Bird Spikes, Add	*83.85*	
		For >50 To 100, Deduct	*-31.27*	
		For >100 To 250, Deduct	*-46.91*	
		For >250 To 500, Deduct	*-69.59*	
		For >500 To 1,000, Deduct	*-92.28*	
		For >1,000, Deduct	*-114.97*	
26 56 19 00-0053	EA	5,000 Lumens, 3000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-2ME-50W-30K-UL-GY-N)	644.88	171.71
		For Field Adjustable Output, Add	*27.79*	
		For Backlight Control Shield, Add	*63.48*	
		For Bird Spikes, Add	*83.85*	
		For >50 To 100, Deduct	*-32.24*	
		For >100 To 250, Deduct	*-48.37*	
		For >250 To 500, Deduct	*-72.02*	
		For >500 To 1,000, Deduct	*-95.68*	
		For >1,000, Deduct	*-119.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0054	EA	5,000 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-2ME-50W-40K-UL-GY-N)	644.88	171.71
		For Field Adjustable Output, Add	*27.79*	
		For Backlight Control Shield, Add	*63.48*	
		For Bird Spikes, Add	*83.85*	
		For >50 To 100, Deduct	*-32.24*	
		For >100 To 250, Deduct	*-48.37*	
		For >250 To 500, Deduct	*-72.02*	
		For >500 To 1,000, Deduct	*-95.68*	
		For >1,000, Deduct	*-119.34*	

26 56 19 00-0055 LED Roadway Lighting (Cooper Lighting) *(26 56 19 00-0001)*

26 56 19 00-0056 Horizontal Tenon Mount, LED Roadway Fixtures (Cooper Lighting Streetworks NVN™) *(26 56 19 00-0055)*

Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.

26 56 19 00-0057	EA	1 LED Light Square, 51 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	1,084.82	171.71
		For >50 To 100, Deduct	*-54.24*	
		For >100 To 250, Deduct	*-81.36*	
		For >250 To 500, Deduct	*-127.02*	
		For >500 To 1,000, Deduct	*-172.67*	
		For >1,000, Deduct	*-218.33*	
26 56 19 00-0058	EA	2 LED Light Squares, 103 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	1,474.02	190.78
		For >50 To 100, Deduct	*-73.70*	
		For >100 To 250, Deduct	*-110.55*	
		For >250 To 500, Deduct	*-174.71*	
		For >500 To 1,000, Deduct	*-238.88*	
		For >1,000, Deduct	*-303.04*	
26 56 19 00-0059	EA	3 LED Light Squares, 154 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	1,579.81	219.40
		For >50 To 100, Deduct	*-78.99*	
		For >100 To 250, Deduct	*-118.49*	
		For >250 To 500, Deduct	*-186.51*	
		For >500 To 1,000, Deduct	*-254.53*	
		For >1,000, Deduct	*-322.55*	
26 56 19 00-0060	EA	4 LED Light Squares, 206 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	2,358.24	238.48
		For >50 To 100, Deduct	*-117.91*	
		For >100 To 250, Deduct	*-176.87*	
		For >250 To 500, Deduct	*-282.86*	
		For >500 To 1,000, Deduct	*-388.84*	
		For >1,000, Deduct	*-494.83*	
26 56 19 00-0061	EA	6 LED Light Squares, 309 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	3,096.53	271.50
		For >50 To 100, Deduct	*-154.83*	
		For >100 To 250, Deduct	*-232.24*	
		For >250 To 500, Deduct	*-373.49*	
		For >500 To 1,000, Deduct	*-514.74*	
		For >1,000, Deduct	*-656.00*	

26 56 19 00-0062 LED Roadway Lighting (PlanLED) *(26 56 19 00-0001)*

26 56 19 00-0063 Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera HERA) *(26 56 19 00-0062)*

Note: UL wet listed. Includes 3,000K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.

26 56 19 00-0064	EA	8,500 Lumens, 85 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 85W)	1,307.20	166.94
		For >50 To 100, Deduct	*-65.36*	
		For >100 To 250, Deduct	*-98.04*	
		For >250 To 500, Deduct	*-155.05*	
		For >500 To 1,000, Deduct	*-212.07*	
		For >1,000, Deduct	*-269.08*	
26 56 19 00-0065	EA	11,000 Lumens, 110 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 110W)	1,423.00	168.76
		For >50 To 100, Deduct	*-71.15*	
		For >100 To 250, Deduct	*-106.73*	
		For >250 To 500, Deduct	*-169.44*	
		For >500 To 1,000, Deduct	*-232.15*	
		For >1,000, Deduct	*-294.86*	
26 56 19 00-0066	EA	15,000 Lumens, 150 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 150W)	1,514.10	171.71
		For >50 To 100, Deduct	*-75.71*	
		For >100 To 250, Deduct	*-113.56*	
		For >250 To 500, Deduct	*-180.68*	
		For >500 To 1,000, Deduct	*-247.80*	
		For >1,000, Deduct	*-314.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0067		**Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera SETA)** *(26 56 19 00-0062)* Note: UL wet listed. Includes 3,000K, 3,500K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0068	EA	7,200 Lumens, 60 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET060)	857.32	162.90
		For >50 To 100, Deduct	*-42.87*	
		For >100 To 250, Deduct	*-64.30*	
		For >250 To 500, Deduct	*-99.02*	
		For >500 To 1,000, Deduct	*-133.74*	
		For >1,000, Deduct	*-168.46*	
26 56 19 00-0069	EA	10,000 Lumens, 80 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET080)	919.26	165.83
		For >50 To 100, Deduct	*-45.96*	
		For >100 To 250, Deduct	*-68.94*	
		For >250 To 500, Deduct	*-106.62*	
		For >500 To 1,000, Deduct	*-144.29*	
		For >1,000, Deduct	*-181.96*	
26 56 19 00-0070	EA	12,500 Lumens, 100 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET100)	1,017.08	168.76
		For >50 To 100, Deduct	*-50.85*	
		For >100 To 250, Deduct	*-76.28*	
		For >250 To 500, Deduct	*-118.70*	
		For >500 To 1,000, Deduct	*-161.11*	
		For >1,000, Deduct	*-203.53*	
26 56 19 00-0071		**Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera META)** *(26 56 19 00-0062)* Note: UL wet listed. Includes 3,000K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0072	EA	13,000 Lumens, 100 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT100)	1,082.11	168.76
		For 0 To 10 Volt Dimming, Add	*96.89*	
		For 480 Volt, Add	*96.89*	
		For >50 To 100, Deduct	*-54.11*	
		For >100 To 250, Deduct	*-81.16*	
		For >250 To 500, Deduct	*-126.83*	
		For >500 To 1,000, Deduct	*-172.49*	
		For >1,000, Deduct	*-218.16*	
26 56 19 00-0073	EA	16,900 Lumens, 130 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT130)	1,201.66	170.24
		For 0 To 10 Volt Dimming, Add	*96.89*	
		For 480 Volt, Add	*29.25*	
		For >50 To 100, Deduct	*-60.08*	
		For >100 To 250, Deduct	*-90.12*	
		For >250 To 500, Deduct	*-141.70*	
		For >500 To 1,000, Deduct	*-193.27*	
		For >1,000, Deduct	*-244.84*	
26 56 19 00-0074	EA	19,500 Lumens, 150 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT150)	1,294.31	171.71
		For 0 To 10 Volt Dimming, Add	*96.89*	
		For 480 Volt, Add	*121.08*	
		For >50 To 100, Deduct	*-64.72*	
		For >100 To 250, Deduct	*-97.07*	
		For >250 To 500, Deduct	*-153.20*	
		For >500 To 1,000, Deduct	*-209.33*	
		For >1,000, Deduct	*-265.46*	
26 56 19 00-0075		**LED Roadway Lighting (General Electric)** *(26 56 19 00-0001)*		
26 56 19 00-0076		**Horizontal Tenon Mount, LED Cobra Head Street Lights (General Electric)** *(26 56 19 00-0075)* Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black or gray powder coat finish. Excludes sensors.		
26 56 19 00-0077	EA	2,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 02XX 40 A GRAY)	651.89	162.16
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-32.59*	
		For >100 To 250, Deduct	*-48.89*	
		For >250 To 500, Deduct	*-73.38*	
		For >500 To 1,000, Deduct	*-97.86*	
		For >1,000, Deduct	*-122.35*	
26 56 19 00-0078	EA	3,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 03XX 40 A GRAY)	656.29	164.37
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-32.81*	
		For >100 To 250, Deduct	*-49.22*	
		For >250 To 500, Deduct	*-73.82*	
		For >500 To 1,000, Deduct	*-98.41*	
		For >1,000, Deduct	*-123.01*	
26 56 19 00-0079	EA	4,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 04XX 40 A GRAY)	684.09	166.94
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-34.20*	
		For >100 To 250, Deduct	*-51.31*	
		For >250 To 500, Deduct	*-77.16*	
		For >500 To 1,000, Deduct	*-103.02*	
		For >1,000, Deduct	*-128.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0080	EA	5,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 05XX 40 A GRAY)	712.48	168.77
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-35.62*	
		For >100 To 250, Deduct	*-53.44*	
		For >250 To 500, Deduct	*-80.62*	
		For >500 To 1,000, Deduct	*-107.81*	
		For >1,000, Deduct	*-134.99*	
26 56 19 00-0081	EA	7,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 07XX 40 A GRAY)	787.80	172.43
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-39.39*	
		For >100 To 250, Deduct	*-59.09*	
		For >250 To 500, Deduct	*-89.85*	
		For >500 To 1,000, Deduct	*-120.62*	
		For >1,000, Deduct	*-151.39*	
26 56 19 00-0082	EA	8,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 08XX 40 A GRAY)	827.81	173.91
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-41.39*	
		For >100 To 250, Deduct	*-62.09*	
		For >250 To 500, Deduct	*-94.78*	
		For >500 To 1,000, Deduct	*-127.48*	
		For >1,000, Deduct	*-160.17*	
26 56 19 00-0083	EA	9,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 10XX 40 A GRAY)	902.99	176.47
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-45.15*	
		For >100 To 250, Deduct	*-67.72*	
		For >250 To 500, Deduct	*-104.05*	
		For >500 To 1,000, Deduct	*-140.38*	
		For >1,000, Deduct	*-176.70*	
26 56 19 00-0084	EA	13,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERLH 0 13XX 40 A GRAY)	1,062.91	181.25
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-53.15*	
		For >100 To 250, Deduct	*-79.72*	
		For >250 To 500, Deduct	*-123.80*	
		For >500 To 1,000, Deduct	*-167.89*	
		For >1,000, Deduct	*-211.97*	
26 56 19 00-0085	EA	19,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL2 0 19XX 40 A GRAY)	1,246.81	190.78
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-62.34*	
		For >100 To 250, Deduct	*-93.51*	
		For >250 To 500, Deduct	*-146.31*	
		For >500 To 1,000, Deduct	*-199.11*	
		For >1,000, Deduct	*-251.91*	

26 56 19 00-0086 LED Roadway Lighting (Acuity AEL Autobahn) *(26 56 19 00-0001)*

26 56 19 00-0087 Horizontal Tenon Mount, LED Cobra Head Street Lights (Acuity AEL Autobahn) *(26 56 19 00-0086)*

Note: UL wet listed. Includes 4,000K or 5,000K color temperature, 120-480 voltage, integral 10kV surge suppression, 0-10V dimming, die-cast extruded aluminum housing assembly and white, black, gray, graphite or bronze powder coat finish. Excludes sensors.

26 56 19 00-0088	EA	4,200 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB0 20ALEDE70)	1,266.87	166.94
		For >50 To 100, Deduct	*-63.34*	
		For >100 To 250, Deduct	*-95.02*	
		For >250 To 500, Deduct	*-150.01*	
		For >500 To 1,000, Deduct	*-205.01*	
		For >1,000, Deduct	*-260.01*	
26 56 19 00-0089	EA	6,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB0 30BLEDE70)	1,575.61	171.71
		For >50 To 100, Deduct	*-78.78*	
		For >100 To 250, Deduct	*-118.17*	
		For >250 To 500, Deduct	*-188.37*	
		For >500 To 1,000, Deduct	*-258.56*	
		For >1,000, Deduct	*-328.76*	
26 56 19 00-0090	EA	9,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 40BLEDE70)	2,201.39	176.47
		For >50 To 100, Deduct	*-110.07*	
		For >100 To 250, Deduct	*-165.10*	
		For >250 To 500, Deduct	*-266.35*	
		For >500 To 1,000, Deduct	*-367.60*	
		For >1,000, Deduct	*-468.84*	
26 56 19 00-0091	EA	13,500 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 60BLEDE70)	2,831.43	183.44
		For >50 To 100, Deduct	*-141.57*	
		For >100 To 250, Deduct	*-212.36*	
		For >250 To 500, Deduct	*-344.76*	
		For >500 To 1,000, Deduct	*-477.16*	
		For >1,000, Deduct	*-609.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0092	EA	17,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 80BLEDE70)	3,447.27	188.59
		For >50 To 100, Deduct	*-172.36*	
		For >100 To 250, Deduct	*-258.55*	
		For >250 To 500, Deduct	*-421.48*	
		For >500 To 1,000, Deduct	*-584.41*	
		For >1,000, Deduct	*-747.35*	

26 56 19 00-0093 LED Roadway Lighting (Leotek) *(26 56 19 00-0001)*

26 56 19 00-0094 Horizontal Tenon Mount, LED Cobra Head Street Lights (Leotek) *(26 56 19 00-0093)*

Note: UL wet listed. Includes 4,000K color temperature, 120-277 voltage, integral surge protector, die-cast and extruded aluminum housing assembly and gray powder coat finish. Excludes sensors.

26 56 19 00-0095	EA	Up To 3,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC1-4M2-MV-NW-X-GY-XXX-WL)	666.99	166.94
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.30*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.90*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*55.29*	
		For >50 To 100, Deduct	*-33.35*	
		For >100 To 250, Deduct	*-50.02*	
		For >250 To 500, Deduct	*-75.03*	
		For >500 To 1,000, Deduct	*-100.03*	
		For >1,000, Deduct	*-125.03*	
26 56 19 00-0096	EA	Up To 5,150 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC1-4M2-MV-NW-X-GY-1AMP-WL)	681.47	168.77
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.30*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.90*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*55.29*	
		For >50 To 100, Deduct	*-34.07*	
		For >100 To 250, Deduct	*-51.11*	
		For >250 To 500, Deduct	*-76.75*	
		For >500 To 1,000, Deduct	*-102.38*	
		For >1,000, Deduct	*-128.02*	
26 56 19 00-0097	EA	Up To 5,950 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC1-6M2-MV-NW-X-GY-XXX-WL)	726.94	169.87
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.30*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.90*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*55.29*	
		For >50 To 100, Deduct	*-36.35*	
		For >100 To 250, Deduct	*-54.52*	
		For >250 To 500, Deduct	*-82.37*	
		For >500 To 1,000, Deduct	*-110.23*	
		For >1,000, Deduct	*-138.08*	
26 56 19 00-0098	EA	Up To 9,550 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC3-10M2-MV-NW-X-GY-XXX-WL)	843.96	176.47
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.30*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.90*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*55.29*	
		For >50 To 100, Deduct	*-42.20*	
		For >100 To 250, Deduct	*-63.30*	
		For >250 To 500, Deduct	*-96.67*	
		For >500 To 1,000, Deduct	*-130.05*	
		For >1,000, Deduct	*-163.42*	
26 56 19 00-0099	EA	Up To 11,450 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC4-12M2-MV-NW-X-GY-XXX-WL)	987.62	181.25
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.30*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.90*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*55.29*	
		For >50 To 100, Deduct	*-49.38*	
		For >100 To 250, Deduct	*-74.07*	
		For >250 To 500, Deduct	*-114.39*	
		For >500 To 1,000, Deduct	*-154.71*	
		For >1,000, Deduct	*-195.03*	
26 56 19 00-0100	EA	Up To 14,550 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC4-15M2-MV-NW-X-GY-XXX-WL)	993.50	184.18
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.30*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.90*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*55.29*	
		For >50 To 100, Deduct	*-49.68*	
		For >100 To 250, Deduct	*-74.51*	
		For >250 To 500, Deduct	*-114.98*	
		For >500 To 1,000, Deduct	*-155.44*	
		For >1,000, Deduct	*-195.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0101	EA	Up To 16,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC7-18M2-MV-NW-X-GY-XXX-WL)	1,217.84	187.11
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.30*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.90*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*55.29*	
		For >50 To 100, Deduct	*-60.89*	
		For >100 To 250, Deduct	*-91.34*	
		For >250 To 500, Deduct	*-142.87*	
		For >500 To 1,000, Deduct	*-194.41*	
		For >1,000, Deduct	*-245.95*	
26 56 19 00-0102	EA	Up To 18,750 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC7-20M2-MV-NW-X-GY-XXX-WL)	1,277.10	190.78
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.30*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.90*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*55.29*	
		For >50 To 100, Deduct	*-63.86*	
		For >100 To 250, Deduct	*-95.78*	
		For >250 To 500, Deduct	*-150.10*	
		For >500 To 1,000, Deduct	*-204.41*	
		For >1,000, Deduct	*-258.73*	
26 56 19 00-0103	EA	Up To 22,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC7-24M2-MV-NW-X-GY-XXX-WL)	1,425.72	193.72
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.30*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.90*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*55.29*	
		For >50 To 100, Deduct	*-71.29*	
		For >100 To 250, Deduct	*-106.93*	
		For >250 To 500, Deduct	*-168.53*	
		For >500 To 1,000, Deduct	*-230.13*	
		For >1,000, Deduct	*-291.73*	
26 56 19 00-0104	EA	Up To 29,150 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC9-30M2-MV-NW-X-GY-XXX-WL)	1,528.93	196.65
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.30*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.90*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*55.29*	
		For >50 To 100, Deduct	*-76.45*	
		For >100 To 250, Deduct	*-114.67*	
		For >250 To 500, Deduct	*-181.28*	
		For >500 To 1,000, Deduct	*-247.90*	
		For >1,000, Deduct	*-314.51*	
26 56 19 00-0105	EA	Up To 4,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-20F-MV-NW-X-GY-XXX-WL)	772.32	168.77
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.30*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.90*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*55.29*	
		For >50 To 100, Deduct	*-38.62*	
		For >100 To 250, Deduct	*-57.92*	
		For >250 To 500, Deduct	*-88.10*	
		For >500 To 1,000, Deduct	*-118.28*	
		For >1,000, Deduct	*-148.46*	
26 56 19 00-0106	EA	Up To 7,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-30F-MV-NW-X-GY-XXX-WL)	848.18	173.17
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.30*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.90*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*55.29*	
		For >50 To 100, Deduct	*-42.41*	
		For >100 To 250, Deduct	*-63.61*	
		For >250 To 500, Deduct	*-97.36*	
		For >500 To 1,000, Deduct	*-131.11*	
		For >1,000, Deduct	*-164.87*	
26 56 19 00-0107	EA	Up To 9,300 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-40F-MV-NW-X-GY-XXX-WL)	915.35	176.47
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.30*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.90*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*55.29*	
		For >50 To 100, Deduct	*-45.77*	
		For >100 To 250, Deduct	*-68.65*	
		For >250 To 500, Deduct	*-105.60*	
		For >500 To 1,000, Deduct	*-142.54*	
		For >1,000, Deduct	*-179.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0108	EA	Up To 12,300 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-40F-MV-NW-X-GY-1AMP-WL)	973.18	180.51
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.30*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.90*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*55.29*	
		For >50 To 100, Deduct	*-48.66*	
		For >100 To 250, Deduct	*-72.99*	
		For >250 To 500, Deduct	*-112.62*	
		For >500 To 1,000, Deduct	*-152.26*	
		For >1,000, Deduct	*-191.89*	
26 56 19 00-0109	EA	Up To 13,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-60F-MV-NW-X-GY-XXX-WL)	1,032.35	181.98
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.30*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.90*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*55.29*	
		For >50 To 100, Deduct	*-51.62*	
		For >100 To 250, Deduct	*-77.43*	
		For >250 To 500, Deduct	*-119.95*	
		For >500 To 1,000, Deduct	*-162.46*	
		For >1,000, Deduct	*-204.98*	
26 56 19 00-0110	EA	Up To 17,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-80F-MV-NW-X-GY-XXX-WL)	1,229.42	188.59
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.30*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.90*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*55.29*	
		For >50 To 100, Deduct	*-61.47*	
		For >100 To 250, Deduct	*-92.21*	
		For >250 To 500, Deduct	*-144.25*	
		For >500 To 1,000, Deduct	*-196.29*	
		For >1,000, Deduct	*-248.33*	
26 56 19 00-0111	EA	Up To 19,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC2-90F-MV-NW-X-GY-XXX-WL)	1,390.34	192.26
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.30*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.90*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*55.29*	
		For >50 To 100, Deduct	*-69.52*	
		For >100 To 250, Deduct	*-104.28*	
		For >250 To 500, Deduct	*-164.18*	
		For >500 To 1,000, Deduct	*-224.08*	
		For >1,000, Deduct	*-283.99*	
26 56 19 00-0112	EA	Up To 22,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC2-100F-MV-NW-X-GY-XXX-WL)	1,478.34	192.98
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.30*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.90*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*55.29*	
		For >50 To 100, Deduct	*-73.92*	
		For >100 To 250, Deduct	*-110.88*	
		For >250 To 500, Deduct	*-175.14*	
		For >500 To 1,000, Deduct	*-239.41*	
		For >1,000, Deduct	*-303.68*	
26 56 19 00-0113	EA	Up To 26,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC2-120F-MV-NW-X-GY-XXX-WL)	1,562.77	195.19
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.30*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.90*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*55.29*	
		For >50 To 100, Deduct	*-78.14*	
		For >100 To 250, Deduct	*-117.21*	
		For >250 To 500, Deduct	*-185.59*	
		For >500 To 1,000, Deduct	*-253.97*	
		For >1,000, Deduct	*-322.35*	
26 56 19 00-0114	EA	Up To 11,720 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCM2-30H-MV-NW-X-GY-1AMP)	829.10	184.18
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.30*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.90*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*55.29*	
		For >50 To 100, Deduct	*-41.46*	
		For >100 To 250, Deduct	*-62.18*	
		For >250 To 500, Deduct	*-94.43*	
		For >500 To 1,000, Deduct	*-126.67*	
		For >1,000, Deduct	*-158.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0115	EA	Up To 15,430 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCM2-40H-MV-NW-X-GY-1AMP)	897.66	186.01
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.30*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.90*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*55.29*	
		For >50 To 100, Deduct	*-44.88*	
		For >100 To 250, Deduct	*-67.32*	
		For >250 To 500, Deduct	*-102.91*	
		For >500 To 1,000, Deduct	*-138.49*	
		For >1,000, Deduct	*-174.07*	
26 56 19 00-0116	EA	Up To 4,180 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCJ0-15H-MV-NW-X-GY-XXX-WL)	637.47	168.41
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.30*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.90*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*55.29*	
		For >50 To 100, Deduct	*-31.87*	
		For >100 To 250, Deduct	*-47.81*	
		For >250 To 500, Deduct	*-71.26*	
		For >500 To 1,000, Deduct	*-94.72*	
		For >1,000, Deduct	*-118.17*	
26 56 19 00-0117	EA	Up To 5,510 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCJ1-20H-MV-NW-X-GY-XXX-WL)	649.06	169.87
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.30*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.90*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*55.29*	
		For >50 To 100, Deduct	*-32.45*	
		For >100 To 250, Deduct	*-48.68*	
		For >250 To 500, Deduct	*-72.64*	
		For >500 To 1,000, Deduct	*-96.60*	
		For >1,000, Deduct	*-120.56*	
26 56 19 00-0118	EA	Up To 7,430 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCJ2-20H-MV-NW-X-GY-1AMP-WL)	705.42	173.17
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.30*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.90*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*55.29*	
		For >50 To 100, Deduct	*-35.27*	
		For >100 To 250, Deduct	*-52.91*	
		For >250 To 500, Deduct	*-79.52*	
		For >500 To 1,000, Deduct	*-106.13*	
		For >1,000, Deduct	*-132.74*	
26 56 19 00-0119	EA	Up To 16,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCL1-60G-MV-NW-X-GY-XXX-WL)	1,085.89	187.11
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.30*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.90*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*55.29*	
		For >50 To 100, Deduct	*-54.29*	
		For >100 To 250, Deduct	*-81.44*	
		For >250 To 500, Deduct	*-126.38*	
		For >500 To 1,000, Deduct	*-171.32*	
		For >1,000, Deduct	*-216.26*	
26 56 19 00-0120	EA	Up To 22,100 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCL1-80G-MV-NW-X-GY-XXX-WL)	1,417.77	192.98
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.30*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.90*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*55.29*	
		For >50 To 100, Deduct	*-70.89*	
		For >100 To 250, Deduct	*-106.33*	
		For >250 To 500, Deduct	*-167.57*	
		For >500 To 1,000, Deduct	*-228.81*	
		For >1,000, Deduct	*-290.05*	
26 56 19 00-0121	EA	Up To 22,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCL2-60G-MV-NW-X-GY-1AMP-WL)	1,263.49	193.72
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.30*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.90*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*55.29*	
		For >50 To 100, Deduct	*-63.17*	
		For >100 To 250, Deduct	*-94.76*	
		For >250 To 500, Deduct	*-148.25*	
		For >500 To 1,000, Deduct	*-201.74*	
		For >1,000, Deduct	*-255.23*	
26 56 19 00-0122	EA	Up To 5,484 Lumens, Horizontal Tenon Mount, LED Security Light (Leotek® SafeGuard™ SG1-01-MV-NW-5-GY)	612.25	168.77
		For Twist Lock Shorting Cap, Add	*10.30*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.90*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*55.29*	
		For >50 To 100, Deduct	*-30.61*	
		For >100 To 250, Deduct	*-45.92*	
		For >250 To 500, Deduct	*-68.09*	
		For >500 To 1,000, Deduct	*-90.27*	
		For >1,000, Deduct	*-112.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0123		LED, Wall Packs *(26 56 19)*		
26 56 19 00-0124		Full Cutoff, LED Wall Packs *(26 56 19 00-0123)*		
26 56 19 00-0125		Full Cutoff, LED Wall Packs (Lithonia) *(26 56 19 00-0124)*		
26 56 19 00-0126	EA	30 LEDs, 57 Watt, 530 mA Drive Current, Full Cutoff, LED Wall Pack (Lithonia CSXW LED)	1,126.25	128.41
		For >50 To 100, Deduct	*-56.31*	
		For >100 To 250, Deduct	*-84.47*	
		For >250 To 500, Deduct	*-134.36*	
		For >500 To 1,000, Deduct	*-184.25*	
		For >1,000, Deduct	*-234.14*	
26 56 19 00-0127	EA	30 LEDs, 35 Watt, 350 mA Drive Current, Full Cutoff, LED Wall Pack (Lithonia CSXW LED)	1,220.62	128.41
		For >50 To 100, Deduct	*-61.03*	
		For >100 To 250, Deduct	*-91.55*	
		For >250 To 500, Deduct	*-146.16*	
		For >500 To 1,000, Deduct	*-200.77*	
		For >1,000, Deduct	*-255.38*	
26 56 19 00-0128		Full Cutoff, LED Wall Packs (CREE® BetaLED®) *(26 56 19 00-0124)*		
26 56 19 00-0129		Wall Mount, Full Cutoff, LED Wall Packs (CREE® BetaLED® Edge® SEC-EDG) *(26 56 19 00-0128)* Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0130	EA	20 LEDs, 26 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) Note: Includes 350mA or 525mA driver.	920.51	124.74
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*18.52*	
		For Bird Spikes, Add	*47.48*	
		For Fuse, Add	*55.57*	
		For 0 To 10 Volt Dimming, Add	*55.57*	
		For 480 Volt, Add	*83.36*	
		For Multi-Level, Add	*120.40*	
		For >50 To 100, Deduct	*-46.03*	
		For >100 To 250, Deduct	*-69.04*	
		For >250 To 500, Deduct	*-108.83*	
		For >500 To 1,000, Deduct	*-148.61*	
		For >1,000, Deduct	*-188.40*	
26 56 19 00-0131	EA	40 LEDs, 47 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) Note: Includes 350mA or 525mA driver.	1,178.31	132.08
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*18.52*	
		For Bird Spikes, Add	*48.22*	
		For Fuse, Add	*55.57*	
		For 0 To 10 Volt Dimming, Add	*55.57*	
		For 480 Volt, Add	*83.36*	
		For Multi-Level, Add	*120.40*	
		For >50 To 100, Deduct	*-58.92*	
		For >100 To 250, Deduct	*-88.37*	
		For >250 To 500, Deduct	*-140.68*	
		For >500 To 1,000, Deduct	*-193.00*	
		For >1,000, Deduct	*-245.31*	
26 56 19 00-0132	EA	60 LEDs, 68 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) Note: Includes 350mA or 525mA driver.	1,318.57	139.42
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*18.52*	
		For Bird Spikes, Add	*48.95*	
		For Fuse, Add	*55.57*	
		For 0 To 10 Volt Dimming, Add	*55.57*	
		For 480 Volt, Add	*83.36*	
		For Multi-Level, Add	*120.40*	
		For >50 To 100, Deduct	*-65.93*	
		For >100 To 250, Deduct	*-98.89*	
		For >250 To 500, Deduct	*-157.85*	
		For >500 To 1,000, Deduct	*-216.81*	
		For >1,000, Deduct	*-275.77*	
26 56 19 00-0133	EA	80 LEDs, 90 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) Note: Includes 350mA or 525mA driver.	1,693.91	146.76
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*18.52*	
		For Bird Spikes, Add	*49.69*	
		For Fuse, Add	*55.57*	
		For 0 To 10 Volt Dimming, Add	*55.57*	
		For 480 Volt, Add	*83.36*	
		For Multi-Level, Add	*120.40*	
		For >50 To 100, Deduct	*-84.70*	
		For >100 To 250, Deduct	*-127.04*	
		For >250 To 500, Deduct	*-204.40*	
		For >500 To 1,000, Deduct	*-281.76*	
		For >1,000, Deduct	*-359.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0134	EA	100 LEDs, 111 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)	1,951.71	154.10
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*18.52*	
		For Bird Spikes, Add	*50.42*	
		For Fuse, Add	*55.57*	
		For 0 To 10 Volt Dimming, Add	*55.57*	
		For 480 Volt, Add	*83.36*	
		For Multi-Level, Add	*120.40*	
		For >50 To 100, Deduct	*-97.59*	
		For >100 To 250, Deduct	*-146.38*	
		For >250 To 500, Deduct	*-236.26*	
		For >500 To 1,000, Deduct	*-326.14*	
		For >1,000, Deduct	*-416.02*	
26 56 19 00-0135	EA	120 LEDs, 132 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)	2,209.52	161.44
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*18.52*	
		For Bird Spikes, Add	*51.15*	
		For Fuse, Add	*55.57*	
		For 0 To 10 Volt Dimming, Add	*55.57*	
		For 480 Volt, Add	*83.36*	
		For Multi-Level, Add	*120.40*	
		For >50 To 100, Deduct	*-110.48*	
		For >100 To 250, Deduct	*-165.71*	
		For >250 To 500, Deduct	*-268.12*	
		For >500 To 1,000, Deduct	*-370.52*	
		For >1,000, Deduct	*-472.93*	

26 56 19 00-0136 Wall Mount, Full Cutoff, LED Wall Packs (CREE® BetaLED® XSPW™) *(26 56 19 00-0128)*

Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-277 voltage, Class 2 driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0137	EA	25 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® XSPW™)	559.48	124.74
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*18.52*	
		For 0 To 10 Volt Dimming, Add	*55.57*	
		For Multi-Level, Add	*55.57*	
		For >50 To 100, Deduct	*-27.97*	
		For >100 To 250, Deduct	*-41.96*	
		For >250 To 500, Deduct	*-63.70*	
		For >500 To 1,000, Deduct	*-85.43*	
		For >1,000, Deduct	*-107.17*	
26 56 19 00-0138	EA	42 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® XSPW™)	646.47	132.08
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*18.52*	
		For 0 To 10 Volt Dimming, Add	*55.57*	
		For Multi-Level, Add	*55.57*	
		For >50 To 100, Deduct	*-32.32*	
		For >100 To 250, Deduct	*-48.49*	
		For >250 To 500, Deduct	*-74.20*	
		For >500 To 1,000, Deduct	*-99.92*	
		For >1,000, Deduct	*-125.64*	

26 56 19 00-0139 Full Cutoff, LED Wall Packs (McGraw-Edison) *(26 56 19 00-0124)*

26 56 19 00-0140	EA	One 7 LED Light Bar, 27 System Watts, 1 A Drive Current, Full Cutoff, LED Wall Pack (McGraw-Edison IST)	1,370.97	124.74
26 56 19 00-0141	EA	Two 7 LED Light Bars, 54 System Watts, 1 A Drive Current, Full Cutoff, LED Wall Pack (McGraw-Edison IST)	1,704.05	132.08
26 56 19 00-0142	EA	One 21 LED Light Bar, 27 System Watts, 350 mA Drive Current, Full Cutoff, LED Wall Pack (McGraw-Edison IST)	1,387.36	124.74
26 56 19 00-0143	EA	Two 21 LED Light Bars, 51 System Watts, 350 mA Drive Current, Full Cutoff, LED Wall Pack (McGraw-Edison IST)	1,853.90	132.08

26 56 19 00-0144 Open Face LED Wall Pack *(26 56 19 00-0123)*

Note: Heavy-duty cast aluminum housing is polyester powder coated to be rust and corrosion proof, High-quality shatter-resistant glass

26 56 19 00-0145	EA	3,640 Lumens, 28 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP28U-50B-MS)	761.26	130.96
		For >50 To 100, Deduct	*-38.06*	
		For >100 To 250, Deduct	*-57.09*	
		For >250 To 500, Deduct	*-85.34*	
		For >500 To 1,000, Deduct	*-113.58*	
		For >1,000, Deduct	*-141.82*	
26 56 19 00-0146	EA	5,540 Lumens, 40 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP40U-50B-MS)	780.36	130.96
		For >50 To 100, Deduct	*-39.02*	
		For >100 To 250, Deduct	*-58.53*	
		For >250 To 500, Deduct	*-87.72*	
		For >500 To 1,000, Deduct	*-116.92*	
		For >1,000, Deduct	*-146.12*	
26 56 19 00-0147	EA	7,065 Lumens, 50 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP50U-50B-MS)	821.43	130.96
		For >50 To 100, Deduct	*-41.07*	
		For >100 To 250, Deduct	*-61.61*	
		For >250 To 500, Deduct	*-92.86*	
		For >500 To 1,000, Deduct	*-124.11*	
		For >1,000, Deduct	*-155.36*	
26 56 19 00-0148	EA	11,375 Lumens, 80 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP80U-50B-MS)	856.77	130.96
		For >50 To 100, Deduct	*-42.84*	
		For >100 To 250, Deduct	*-64.26*	
		For >250 To 500, Deduct	*-97.27*	
		For >500 To 1,000, Deduct	*-130.29*	
		For >1,000, Deduct	*-163.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0149	EA	16,945 Lumens, 120 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP120U-50B-MS)	919.53	130.96
		For >50 To 100, Deduct	*-45.98*	
		For >100 To 250, Deduct	*-68.96*	
		For >250 To 500, Deduct	*-105.12*	
		For >500 To 1,000, Deduct	*-141.27*	
		For >1,000, Deduct	*-177.43*	

26 56 19 00-0150 Wall Pack Accessories *(26 56 19 00-0123)*

26 56 19 00-0151	EA	Photocell For Wall Pack	147.99	32.74
26 56 19 00-0152	EA	Wire Guard For Mini And Small Wall Pack	165.24	32.74
26 56 19 00-0153	EA	Wire Guard For Medium And Large Wall Pack	237.37	32.74
26 56 19 00-0154	EA	Clear Polycarbonate Vandal Guard For Wall Packs	341.46	32.74
26 56 19 00-0155	EA	Full Cutoff Visor For Wall Pack	160.54	32.74

26 56 19 00-0156 LED, Area Fixtures *(26 56 19)*

26 56 19 00-0157 Pole Mount, LED Area Fixtures *(26 56 19 00-0156)*

26 56 19 00-0158 Pole Mount, Rectangular, LED Architectural Area Fixtures (Lithonia DSX) *(26 56 19 00-0157)*

Note: UL wet listed. Includes 4,000K color temperature, 480 voltage, 700mA remote driver, die-cast extruded aluminum housing assembly and white, black, aluminum or bronze powder coat finish. Excludes sensors.

26 56 19 00-0159	EA	20 LEDs, 49 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSXO LED)	2,508.79	124.74
		For >50 To 100, Deduct	*-125.44*	
		For >100 To 250, Deduct	*-188.16*	
		For >250 To 500, Deduct	*-307.36*	
		For >500 To 1,000, Deduct	*-426.56*	
		For >1,000, Deduct	*-545.77*	
26 56 19 00-0160	EA	40 LEDs, 89 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSXO LED)	2,704.21	132.08
		For >50 To 100, Deduct	*-135.21*	
		For >100 To 250, Deduct	*-202.82*	
		For >250 To 500, Deduct	*-331.42*	
		For >500 To 1,000, Deduct	*-460.03*	
		For >1,000, Deduct	*-588.64*	
26 56 19 00-0161	EA	80 LEDs, 188 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSX2 LED)	2,914.30	146.76
		For >50 To 100, Deduct	*-145.72*	
		For >100 To 250, Deduct	*-218.57*	
		For >250 To 500, Deduct	*-356.95*	
		For >500 To 1,000, Deduct	*-495.33*	
		For >1,000, Deduct	*-633.70*	
26 56 19 00-0162	EA	100 LEDs, 218 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSX2 LED)	2,928.97	154.10
		For >50 To 100, Deduct	*-146.45*	
		For >100 To 250, Deduct	*-219.67*	
		For >250 To 500, Deduct	*-358.42*	
		For >500 To 1,000, Deduct	*-497.16*	
		For >1,000, Deduct	*-635.90*	

26 56 19 00-0163 Arm Mount, Rectangular, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EDG) *(26 56 19 00-0157)*

Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type III Medium optic. Excludes sensors. All fixtures without the backlight control shield are DLC qualified

26 56 19 00-0164	EA	40 LEDs, 47 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,225.36	132.08
		For Backlight Shielding, Add	*21.99*	
		For Type II Medium Optic, Add	*39.61*	
		For 480 Volt, Add	*113.84*	
		For Multi-Level Drive Currents, Add	*219.88*	
		For >50 To 100, Deduct	*-61.27*	
		For >100 To 250, Deduct	*-91.90*	
		For >250 To 500, Deduct	*-146.57*	
		For >500 To 1,000, Deduct	*-201.23*	
		For >1,000, Deduct	*-255.89*	
26 56 19 00-0165	EA	60 LEDs, 68 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,470.92	139.42
		For Backlight Shielding, Add	*21.99*	
		For Type II Medium Optic, Add	*40.34*	
		For 480 Volt, Add	*113.84*	
		For Multi-Level Drive Currents, Add	*219.88*	
		For >50 To 100, Deduct	*-73.55*	
		For >100 To 250, Deduct	*-110.32*	
		For >250 To 500, Deduct	*-176.89*	
		For >500 To 1,000, Deduct	*-243.47*	
		For >1,000, Deduct	*-310.04*	
26 56 19 00-0166	EA	80 LEDs, 90 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,809.13	146.76
		For Backlight Shielding, Add	*21.99*	
		For Type II Medium Optic, Add	*41.08*	
		For 480 Volt, Add	*113.84*	
		For Multi-Level Drive Currents, Add	*219.88*	
		For >50 To 100, Deduct	*-90.46*	
		For >100 To 250, Deduct	*-135.68*	
		For >250 To 500, Deduct	*-218.80*	
		For >500 To 1,000, Deduct	*-301.92*	
		For >1,000, Deduct	*-385.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0167	EA	100 LEDs, 111 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	2,054.68	154.10
		For Backlight Shielding, Add	*21.99*	
		For Type II Medium Optic, Add	*41.81*	
		For 480 Volt, Add	*113.84*	
		For Multi-Level Drive Currents, Add	*219.88*	
		For >50 To 100, Deduct	*-102.73*	
		For >100 To 250, Deduct	*-154.10*	
		For >250 To 500, Deduct	*-249.13*	
		For >500 To 1,000, Deduct	*-344.16*	
		For >1,000, Deduct	*-439.19*	
26 56 19 00-0168	EA	120 LEDs, 132 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	2,300.23	161.44
		For Backlight Shielding, Add	*21.99*	
		For Type II Medium Optic, Add	*42.54*	
		For 480 Volt, Add	*113.84*	
		For Multi-Level Drive Currents, Add	*219.88*	
		For >50 To 100, Deduct	*-115.01*	
		For >100 To 250, Deduct	*-172.52*	
		For >250 To 500, Deduct	*-279.46*	
		For >500 To 1,000, Deduct	*-386.40*	
		For >1,000, Deduct	*-493.34*	
26 56 19 00-0169	EA	140 LEDs, 157 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	2,619.61	168.77
		For Backlight Shielding, Add	*21.99*	
		For Type II Medium Optic, Add	*43.28*	
		For 480 Volt, Add	*113.84*	
		For Multi-Level Drive Currents, Add	*219.88*	
		For >50 To 100, Deduct	*-130.98*	
		For >100 To 250, Deduct	*-196.47*	
		For >250 To 500, Deduct	*-319.01*	
		For >500 To 1,000, Deduct	*-441.55*	
		For >1,000, Deduct	*-564.10*	
26 56 19 00-0170	EA	160 LEDs, 179 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	2,865.15	176.10
		For Backlight Shielding, Add	*21.99*	
		For Type II Medium Optic, Add	*44.01*	
		For 480 Volt, Add	*113.84*	
		For Multi-Level Drive Currents, Add	*219.88*	
		For >50 To 100, Deduct	*-143.26*	
		For >100 To 250, Deduct	*-214.89*	
		For >250 To 500, Deduct	*-349.34*	
		For >500 To 1,000, Deduct	*-483.79*	
		For >1,000, Deduct	*-618.24*	

26 56 19 00-0171 Direct Or Arm Mount, Rectangular, High Output, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EHO) *(26 56 19 00-0157)*

Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 700mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0172	EA	120 LEDs, 267 System Watts, Direct Or Arm Mount, Rectangular, High Output, LED Area Fixture (CREE® BetaLED® Edge® ARE-EHO)	2,129.76	161.44
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*18.52*	
		For Bird Spikes, Add	*45.32*	
		For 5,000K Color Temperature, Add	*46.31*	
		For Fuse, Add	*55.57*	
		For 0 To 10 Volt Dimming, Add	*55.57*	
		For 480 Volt, Add	*83.36*	
		For Multi-Level, Add	*120.40*	
		For 1,000mA Driver, Add	*155.61*	
		For >50 To 100, Deduct	*-106.49*	
		For >100 To 250, Deduct	*-159.73*	
		For >250 To 500, Deduct	*-258.15*	
		For >500 To 1,000, Deduct	*-356.57*	
		For >1,000, Deduct	*-454.98*	
26 56 19 00-0173	EA	240 LEDs, 533 System Watts, Direct Or Arm Mount, Rectangular, High Output, LED Area Fixture (CREE® BetaLED® Edge® ARE-EHO)	3,564.65	198.12
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*18.52*	
		For 5,000K Color Temperature, Add	*46.31*	
		For Fuse, Add	*55.57*	
		For 0 To 10 Volt Dimming, Add	*55.57*	
		For Bird Spikes, Add	*66.50*	
		For Multi-Level, Add	*120.40*	
		For 1,000mA Driver, Add	*155.60*	
		For 480 Volt, Add	*166.71*	
		For >50 To 100, Deduct	*-178.23*	
		For >100 To 250, Deduct	*-267.35*	
		For >250 To 500, Deduct	*-435.68*	
		For >500 To 1,000, Deduct	*-604.00*	
		For >1,000, Deduct	*-772.33*	

26 56 19 00-0174 Wall Mount, LED Area Fixtures *(26 56 19 00-0156)*

26 56 19 00-0175 Wall Mount, LED Architectural Area Fixtures (Lithonia DSXW) *(26 56 19 00-0174)*

Note: UL wet listed. Includes 277 voltage, 700mA remote driver, die-cast extruded aluminum housing assembly and white, black, aluminum or bronze powder coat finish. Excludes sensors.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0176	EA	20 LEDs, 47 Watt, 4000K CCT, Wall Mount, LED Architectural Area Fixture (Lithonia DSXW2 LED)	1,118.87	124.74
		For >50 To 100, Deduct	*-55.94*	
		For >100 To 250, Deduct	*-83.92*	
		For >250 To 500, Deduct	*-133.62*	
		For >500 To 1,000, Deduct	*-183.33*	
		For >1,000, Deduct	*-233.03*	
26 56 19 00-0177	EA	30 LEDs, 71 Watt, 4000K CCT, Wall Mount, LED Architectural Area Fixture (Lithonia DSXW2 LED)	1,148.22	139.42
		For >50 To 100, Deduct	*-57.41*	
		For >100 To 250, Deduct	*-86.12*	
		For >250 To 500, Deduct	*-136.56*	
		For >500 To 1,000, Deduct	*-187.00*	
		For >1,000, Deduct	*-237.44*	

26 56 19 00-0178 Surface Mount, LED Parking Structure Fixtures *(26 56 19 00-0156)*

26 56 19 00-0179 Surface Mount, Rectangular, LED Parking Structure Fixtures (CREE® BetaLED® Edge® PKG-EDG) *(26 56 19 00-0178)*

Note: Direct or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0180	EA	40 LEDs, 47 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	1,087.15	132.08
		For Multi-Level Drive Currents, Add	*219.88*	
		For >50 To 100, Deduct	*-54.36*	
		For >100 To 250, Deduct	*-81.54*	
		For >250 To 500, Deduct	*-129.29*	
		For >500 To 1,000, Deduct	*-177.04*	
		For >1,000, Deduct	*-224.80*	
26 56 19 00-0181	EA	60 LEDs, 68 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	1,332.71	139.42
		For Multi-Level Drive Currents, Add	*219.88*	
		For >50 To 100, Deduct	*-66.64*	
		For >100 To 250, Deduct	*-99.95*	
		For >250 To 500, Deduct	*-159.62*	
		For >500 To 1,000, Deduct	*-219.28*	
		For >1,000, Deduct	*-278.95*	
26 56 19 00-0182	EA	80 LEDs, 90 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	1,578.25	146.76
		For Multi-Level Drive Currents, Add	*219.88*	
		For >50 To 100, Deduct	*-78.91*	
		For >100 To 250, Deduct	*-118.37*	
		For >250 To 500, Deduct	*-189.94*	
		For >500 To 1,000, Deduct	*-261.52*	
		For >1,000, Deduct	*-333.09*	
26 56 19 00-0183	EA	100 LEDs, 111 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	1,823.80	154.10
		For Multi-Level Drive Currents, Add	*219.88*	
		For >50 To 100, Deduct	*-91.19*	
		For >100 To 250, Deduct	*-136.79*	
		For >250 To 500, Deduct	*-220.27*	
		For >500 To 1,000, Deduct	*-303.76*	
		For >1,000, Deduct	*-387.24*	

26 56 19 00-0184 Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® Edge® PKG-304) *(26 56 19 00-0178)*

Note: Direct or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0185	EA	40 LEDs, 47 Watt, Surface Mount, Square, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-304)	1,049.46	132.08
		For Multi-Level Drive Currents, Add	*219.88*	
		For >50 To 100, Deduct	*-52.47*	
		For >100 To 250, Deduct	*-78.71*	
		For >250 To 500, Deduct	*-124.58*	
		For >500 To 1,000, Deduct	*-170.45*	
		For >1,000, Deduct	*-216.32*	
26 56 19 00-0186	EA	60 LEDs, 68 Watt, Surface Mount, Square, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-304)	1,156.80	139.42
		For Multi-Level Drive Currents, Add	*219.88*	
		For >50 To 100, Deduct	*-57.84*	
		For >100 To 250, Deduct	*-86.76*	
		For >250 To 500, Deduct	*-137.63*	
		For >500 To 1,000, Deduct	*-188.50*	
		For >1,000, Deduct	*-239.37*	

26 56 19 00-0187 Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® VG) *(26 56 19 00-0178)*

Note: UL wet listed. Includes 4,000K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0188	EA	3,700 Lumens, 50 Watt, Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® VGADM5MA40KUL)	1,064.80	132.08
		For >50 To 100, Deduct	*-53.24*	
		For >100 To 250, Deduct	*-79.86*	
		For >250 To 500, Deduct	*-126.50*	
		For >500 To 1,000, Deduct	*-173.13*	
		For >1,000, Deduct	*-219.77*	

26 56 19 00-0189 Surface Mount, Rectangular, LED Parking Structure Fixtures (Philips Gardco ELG) *(26 56 19 00-0178)*

Note: Direct or pendant mount. UL wet listed. Includes 4,000K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and aluminum finish. Excludes sensors.

26 56 19 00-0190	EA	70 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (Philips Gardco ELG)	2,115.08	139.42
		For >50 To 100, Deduct	*-105.75*	
		For >100 To 250, Deduct	*-158.63*	
		For >250 To 500, Deduct	*-257.41*	
		For >500 To 1,000, Deduct	*-356.20*	
		For >1,000, Deduct	*-454.98*	
26 56 19 00-0191	EA	110 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (Philips Gardco ELG)	2,144.42	154.10
		For >50 To 100, Deduct	*-107.22*	
		For >100 To 250, Deduct	*-160.83*	
		For >250 To 500, Deduct	*-260.35*	
		For >500 To 1,000, Deduct	*-359.86*	
		For >1,000, Deduct	*-459.38*	

26 56 19 00-0192 Surface Mount, LED Canopy Fixtures *(26 56 19 00-0156)*

26 56 19 00-0193 Surface Mount, Rectangular, LED Canopy Fixtures (CREE® BetaLED® Edge® CAN-EDG) *(26 56 19 00-0192)*

Note: Direct or pendant mount. UL wet listed. Includes 6,000K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0194	EA	40 LEDs, 47 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	1,253.63	132.08
		For Multi-Level Drive Currents, Add	*219.88*	
		For >50 To 100, Deduct	*-62.68*	
		For >100 To 250, Deduct	*-94.02*	
		For >250 To 500, Deduct	*-150.10*	
		For >500 To 1,000, Deduct	*-206.18*	
		For >1,000, Deduct	*-262.25*	
26 56 19 00-0195	EA	60 LEDs, 68 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	1,499.19	139.42
		For Multi-Level Drive Currents, Add	*219.88*	
		For >50 To 100, Deduct	*-74.96*	
		For >100 To 250, Deduct	*-112.44*	
		For >250 To 500, Deduct	*-180.43*	
		For >500 To 1,000, Deduct	*-248.42*	
		For >1,000, Deduct	*-316.40*	
26 56 19 00-0196	EA	80 LEDs, 90 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	1,744.74	146.76
		For Multi-Level Drive Currents, Add	*219.88*	
		For >50 To 100, Deduct	*-87.24*	
		For >100 To 250, Deduct	*-130.86*	
		For >250 To 500, Deduct	*-210.75*	
		For >500 To 1,000, Deduct	*-290.65*	
		For >1,000, Deduct	*-370.55*	
26 56 19 00-0197	EA	100 LEDs, 111 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	1,990.28	154.10
		For Multi-Level Drive Currents, Add	*219.88*	
		For >50 To 100, Deduct	*-99.51*	
		For >100 To 250, Deduct	*-149.27*	
		For >250 To 500, Deduct	*-241.08*	
		For >500 To 1,000, Deduct	*-332.89*	
		For >1,000, Deduct	*-424.70*	
26 56 19 00-0198	EA	120 LEDs, 132 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	2,235.84	161.44
		For Multi-Level Drive Currents, Add	*219.88*	
		For >50 To 100, Deduct	*-111.79*	
		For >100 To 250, Deduct	*-167.69*	
		For >250 To 500, Deduct	*-271.41*	
		For >500 To 1,000, Deduct	*-375.13*	
		For >1,000, Deduct	*-478.85*	
26 56 19 00-0199	EA	140 LEDs, 157 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	2,574.06	168.77
		For Multi-Level Drive Currents, Add	*219.88*	
		For >50 To 100, Deduct	*-128.70*	
		For >100 To 250, Deduct	*-193.05*	
		For >250 To 500, Deduct	*-313.32*	
		For >500 To 1,000, Deduct	*-433.58*	
		For >1,000, Deduct	*-553.85*	
26 56 19 00-0200	EA	160 LEDs, 179 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	2,819.61	176.10
		For Multi-Level Drive Currents, Add	*219.88*	
		For >50 To 100, Deduct	*-140.98*	
		For >100 To 250, Deduct	*-211.47*	
		For >250 To 500, Deduct	*-343.65*	
		For >500 To 1,000, Deduct	*-475.82*	
		For >1,000, Deduct	*-608.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0201	EA	200 LEDs, 221 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	3,310.72	190.78
		For Multi-Level Drive Currents, Add	*219.88*	
		For >50 To 100, Deduct	*-165.54*	
		For >100 To 250, Deduct	*-248.30*	
		For >250 To 500, Deduct	*-404.30*	
		For >500 To 1,000, Deduct	*-560.30*	
		For >1,000, Deduct	*-716.29*	
26 56 19 00-0202	EA	240 LEDs, 264 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	3,787.14	198.12
		For Multi-Level Drive Currents, Add	*219.88*	
		For >50 To 100, Deduct	*-189.36*	
		For >100 To 250, Deduct	*-284.04*	
		For >250 To 500, Deduct	*-463.49*	
		For >500 To 1,000, Deduct	*-642.94*	
		For >1,000, Deduct	*-822.39*	

26 56 19 00-0203 Surface Mount, Square, LED Canopy/Soffit Fixtures (CREE® BetaLED® CPY250) *(26 56 19 00-0192)*

Note: UL wet listed. Includes 5,700K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0204	EA	8,000 Lumens, 82 Watt, Surface Mount, Square, LED Canopy/Soffit Fixture (CREE® BetaLED® CPY250)	885.62	146.76
		For >50 To 100, Deduct	*-44.28*	
		For >100 To 250, Deduct	*-66.42*	
		For >250 To 500, Deduct	*-103.36*	
		For >500 To 1,000, Deduct	*-140.31*	
		For >1,000, Deduct	*-177.25*	

26 56 19 00-0205 Recessed Mount, LED Soffit Fixtures *(26 56 19 00-0156)*

26 56 19 00-0206 Recessed Mount, Square, LED Soffit Fixtures (CREE® BetaLED® SFT-304) *(26 56 19 00-0205)*

Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0207	EA	40 LEDs, 47 Watt, Recessed Mount, Square, LED Soffit Fixture (CREE® BetaLED® SFT-304)	1,068.30	132.08
		For >50 To 100, Deduct	*-53.42*	
		For >100 To 250, Deduct	*-80.12*	
		For >250 To 500, Deduct	*-126.93*	
		For >500 To 1,000, Deduct	*-173.74*	
		For >1,000, Deduct	*-220.56*	
26 56 19 00-0208	EA	60 LEDs, 68 Watt, Recessed Mount, Square, LED Soffit Fixture (CREE® BetaLED® SFT-304)	1,175.65	139.42
		For >50 To 100, Deduct	*-58.78*	
		For >100 To 250, Deduct	*-88.17*	
		For >250 To 500, Deduct	*-139.99*	
		For >500 To 1,000, Deduct	*-191.80*	
		For >1,000, Deduct	*-243.61*	

26 56 19 00-0209 Surface Mount, LED Area Fixtures *(26 56 19 00-0156)*

26 56 19 00-0210 Surface Mount, Square, LED Multi-Purpose Area Fixtures (LSI Industries® Crossover® XPG) *(26 56 19 00-0209)*

Note: UL wet listed. Includes 5,300K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black or silver powder coat finish. Excludes sensors.

26 56 19 00-0211	EA	50 LEDs, 59 Watt, Surface Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	747.49	132.08
		For >50 To 100, Deduct	*-37.37*	
		For >100 To 250, Deduct	*-56.06*	
		For >250 To 500, Deduct	*-86.83*	
		For >500 To 1,000, Deduct	*-117.60*	
		For >1,000, Deduct	*-148.37*	
26 56 19 00-0212	EA	50 LEDs, 59 Watt, Pendant Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	1,541.64	132.08
		For >50 To 100, Deduct	*-77.08*	
		For >100 To 250, Deduct	*-115.62*	
		For >250 To 500, Deduct	*-186.10*	
		For >500 To 1,000, Deduct	*-256.58*	
		For >1,000, Deduct	*-327.06*	
26 56 19 00-0213	EA	68 LEDs, 79 Watt, Surface Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	1,282.01	146.76
		For >50 To 100, Deduct	*-64.10*	
		For >100 To 250, Deduct	*-96.15*	
		For >250 To 500, Deduct	*-152.91*	
		For >500 To 1,000, Deduct	*-209.68*	
		For >1,000, Deduct	*-266.44*	
26 56 19 00-0214	EA	68 LEDs, 79 Watt, Pendant Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	1,587.04	146.76
		For >50 To 100, Deduct	*-79.35*	
		For >100 To 250, Deduct	*-119.03*	
		For >250 To 500, Deduct	*-191.04*	
		For >500 To 1,000, Deduct	*-263.06*	
		For >1,000, Deduct	*-335.07*	

26 56 19 00-0215 Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour®) *(26 56 19 00-0209)*

Note: Wall, inverted, post, bollard, floodlight trunnion, or floodlight knuckle mount. UL wet listed. Includes 5,000K color temperature, 120/277 voltage, die-cast extruded aluminum housing assembly and white or bronze powder coat finish. Excludes sensors.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0216	EA	13 Watt, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR1A)	241.61	47.15
		For Knuckle Mount Or Trunnion Mount Base, Add	*45.00*	
		For >50 To 100, Deduct	*-12.08*	
		For >100 To 250, Deduct	*-18.12*	
		For >250 To 500, Deduct	*-28.24*	
		For >500 To 1,000, Deduct	*-38.35*	
		For >1,000, Deduct	*-48.47*	
26 56 19 00-0217	EA	20 Watt, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR2A)	276.19	47.15
		For Knuckle Mount Or Trunnion Mount Base, Add	*45.00*	
		For >50 To 100, Deduct	*-13.81*	
		For >100 To 250, Deduct	*-20.71*	
		For >250 To 500, Deduct	*-32.56*	
		For >500 To 1,000, Deduct	*-44.40*	
		For >1,000, Deduct	*-56.25*	
26 56 19 00-0218	EA	30 Watt, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR3A)	342.06	47.15
		For Knuckle Mount Or Trunnion Mount Base, Add	*45.00*	
		For >50 To 100, Deduct	*-17.10*	
		For >100 To 250, Deduct	*-25.65*	
		For >250 To 500, Deduct	*-40.79*	
		For >500 To 1,000, Deduct	*-55.93*	
		For >1,000, Deduct	*-71.07*	

26 56 19 00-0219 Surface Mount, LED Facade Fixtures *(26 56 19 00-0156)*

26 56 19 00-0220 Surface Mount, LED Facade Fixtures (lumenpulse™ lumenfacade™) *(26 56 19 00-0219)*

26 56 19 00-0221	EA	12" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	803.67	55.04
		For >50 To 100, Deduct	*-40.18*	
		For >100 To 250, Deduct	*-60.28*	
		For >250 To 500, Deduct	*-98.36*	
		For >500 To 1,000, Deduct	*-136.45*	
		For >1,000, Deduct	*-174.54*	
26 56 19 00-0222	EA	24" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	1,310.91	50.26
		For >50 To 100, Deduct	*-65.55*	
		For >100 To 250, Deduct	*-98.32*	
		For >250 To 500, Deduct	*-162.07*	
		For >500 To 1,000, Deduct	*-225.82*	
		For >1,000, Deduct	*-289.57*	
26 56 19 00-0223	EA	36" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	1,674.85	41.88
		For >50 To 100, Deduct	*-83.74*	
		For >100 To 250, Deduct	*-125.61*	
		For >250 To 500, Deduct	*-207.86*	
		For >500 To 1,000, Deduct	*-290.11*	
		For >1,000, Deduct	*-372.35*	
26 56 19 00-0224	EA	48" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	2,038.76	33.50
		For >50 To 100, Deduct	*-101.94*	
		For >100 To 250, Deduct	*-152.91*	
		For >250 To 500, Deduct	*-253.65*	
		For >500 To 1,000, Deduct	*-354.39*	
		For >1,000, Deduct	*-455.13*	

26 56 19 00-0225 Post Top, LED Area Fixtures *(26 56 19 00-0156)*

26 56 19 00-0226 Post Top, LED Area Fixtures (Cooper Lighting Invue® MSA) *(26 56 19 00-0225)*

Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 350mA remote driver, die-cast extruded aluminum housing assembly and white, black, grey, dark platinum, graphite metallic or bronze powder coat finish. Excludes sensors.

26 56 19 00-0227	EA	1,800 Lumens, 27 Watt, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO1)	2,251.12	201.79
		For >50 To 100, Deduct	*-112.56*	
		For >100 To 250, Deduct	*-168.83*	
		For >250 To 500, Deduct	*-271.30*	
		For >500 To 1,000, Deduct	*-373.77*	
		For >1,000, Deduct	*-476.23*	
26 56 19 00-0228	EA	3,400 Lumens, 54 Watt, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO2)	2,486.85	201.79
		For >50 To 100, Deduct	*-124.34*	
		For >100 To 250, Deduct	*-186.51*	
		For >250 To 500, Deduct	*-300.77*	
		For >500 To 1,000, Deduct	*-415.02*	
		For >1,000, Deduct	*-529.27*	
26 56 19 00-0229	EA	77 Watt, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO3)	2,673.19	201.79
		For >50 To 100, Deduct	*-133.66*	
		For >100 To 250, Deduct	*-200.49*	
		For >250 To 500, Deduct	*-324.06*	
		For >500 To 1,000, Deduct	*-447.63*	
		For >1,000, Deduct	*-571.20*	

26 56 19 00-0230 Post Top, LED Area Fixtures (General Electric EPAS) *(26 56 19 00-0225)*

Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black, green or bronze powder coat finish. Includes photocontrol sensor.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0231	EA	3,200 Lumens, 45 Watt, Post Top Mount, Acorn Style LED Area Fixture (General Electric EPAS 0 E5/E3)	2,655.36	201.79
		For >50 To 100, Deduct	*-132.77*	
		For >100 To 250, Deduct	*-199.15*	
		For >250 To 500, Deduct	*-321.83*	
		For >500 To 1,000, Deduct	*-444.51*	
		For >1,000, Deduct	*-567.19*	
26 56 19 00-0232	EA	6,515 Lumens, 80 Watt, Post Top Mount, Acorn Style LED Area Fixture (General Electric EPAS 0 C5/C3)	2,715.93	201.79
		For >50 To 100, Deduct	*-135.80*	
		For >100 To 250, Deduct	*-203.69*	
		For >250 To 500, Deduct	*-329.40*	
		For >500 To 1,000, Deduct	*-455.11*	
		For >1,000, Deduct	*-580.82*	

26 56 19 00-0233 Post Top, LED Area Fixtures (General Electric EPTC) *(26 56 19 00-0225)*

Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black, gray or dark bronze powder coat finish. Includes photocontrol sensor.

26 56 19 00-0234	EA	3,200 Lumens, 45 Watt, Post Top Mount, Contemporary Twin Support Style LED Area Fixture (General Electric EPTC 0 E5/E3)	1,835.34	201.79
		For >50 To 100, Deduct	*-91.77*	
		For >100 To 250, Deduct	*-137.65*	
		For >250 To 500, Deduct	*-219.33*	
		For >500 To 1,000, Deduct	*-301.01*	
		For >1,000, Deduct	*-382.68*	
26 56 19 00-0235	EA	6,150 Lumens, 80 Watt, Post Top Mount, Contemporary Twin Support Style LED Area Fixture (General Electric EPTC 0 C5/C3)	1,925.98	201.79
		For >50 To 100, Deduct	*-96.30*	
		For >100 To 250, Deduct	*-144.45*	
		For >250 To 500, Deduct	*-230.66*	
		For >500 To 1,000, Deduct	*-316.87*	
		For >1,000, Deduct	*-403.08*	

26 56 19 00-0236 Post Top, LED Area Fixtures (General Electric EPST) *(26 56 19 00-0225)*

Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black or dark bronze powder coat finish. Includes photocontrol sensor.

26 56 19 00-0237	EA	3,135 Lumens, 45 Watt, Post Top Mount, Utility Carriage Style LED Area Fixture (General Electric EPST 0 E5/E3)	1,423.32	201.79
		For >50 To 100, Deduct	*-71.17*	
		For >100 To 250, Deduct	*-106.75*	
		For >250 To 500, Deduct	*-167.83*	
		For >500 To 1,000, Deduct	*-228.90*	
		For >1,000, Deduct	*-289.98*	
26 56 19 00-0238	EA	6,115 Lumens, 80 Watt, Post Top Mount, Utility Carriage Style LED Area Fixture (General Electric EPST 0 C5/C3)	1,513.96	201.79
		For >50 To 100, Deduct	*-75.70*	
		For >100 To 250, Deduct	*-113.55*	
		For >250 To 500, Deduct	*-179.16*	
		For >500 To 1,000, Deduct	*-244.76*	
		For >1,000, Deduct	*-310.37*	

26 56 19 00-0239 Post Top, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EDR) *(26 56 19 00-0225)*

Note: UL wet listed. Includes 4,000K color temperature, 120/277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type V Medium optic. Excludes sensors.

26 56 19 00-0240	EA	13,800 Lumens, 130 Watt, Post Top Mount, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDR)	2,797.15	201.79
		For >50 To 100, Deduct	*-139.86*	
		For >100 To 250, Deduct	*-209.79*	
		For >250 To 500, Deduct	*-339.55*	
		For >500 To 1,000, Deduct	*-469.32*	
		For >1,000, Deduct	*-599.09*	

26 56 19 00-0241 LED Retrofit For Post Top, Traditional Area Fixtures (CREE® BetaLED® BXRA) *(26 56 19 00-0225)*

Note: Includes 2,700K or 4,000K color temperature and 120/277 voltage retrofit assembly. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.

26 56 19 00-0242	EA	LED Retrofit For Post Top, Holophane® Utility Granville Acorn Area Fixtures (CREE® BetaLED® BXRAAH53)	793.91	110.07
		For 0 To 10 Volt Dimming, Add	*55.57*	
		For >50 To 100, Deduct	*-39.70*	
		For >100 To 250, Deduct	*-59.54*	
		For >250 To 500, Deduct	*-93.74*	
		For >500 To 1,000, Deduct	*-127.93*	
		For >1,000, Deduct	*-162.12*	

26 56 19 00-0243 LED Retrofit For Post Top, Decorative Area Fixtures (CREE® DPT) *(26 56 19 00-0225)*

Note: Includes 3,000K color temperature and 120/277 voltage retrofit assembly. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0244	EA	LED Retrofit For Post Top, Decorative Area Fixtures (CREE® DPT)	490.70	23.48
		For Backlight Control Shield, Add	*37.76*	
		For >50 To 100, Deduct	*-24.54*	
		For >100 To 250, Deduct	*-36.80*	
		For >250 To 500, Deduct	*-58.99*	
		For >500 To 1,000, Deduct	*-81.18*	
		For >1,000, Deduct	*-103.36*	
26 56 19 00-0245		Pole Mount, LED Area Fixtures (ALED20 Area Lights) *(26 56 19 00-0156)*		
		Note: UL wet listed. Includes 5,000K color temperature, 120 voltage.		
26 56 19 00-0246	EA	20 Watts, Pole Mount, LED Area Fixtures (ALED20 Area Lights)	850.96	124.74
26 56 19 00-0247		Surface Mount, LED Strip Fixtures (Sylvania) *(26 56 19 00-0156)*		
26 56 19 00-0248	EA	4' Long, 5,200 Lumens, 40 Watt, Vapor Tight Dimmable LED Fixture (Sylvania VAPOR1B/040UNVD840/48EC/GR/D)	555.19	43.79
		For >50 To 100, Deduct	*-27.76*	
		For >100 To 250, Deduct	*-41.64*	
		For >250 To 500, Deduct	*-67.75*	
		For >500 To 1,000, Deduct	*-93.87*	
		For >1,000, Deduct	*-119.98*	
26 56 21		**HID Exterior Lighting** *(26 56)*		
26 56 21 00-0001		High Mast Fixtures *(26 56 21)*		
26 56 21 00-0002		Metal Halide, High Mast Fixtures *(26 56 21 00-0001)*		
26 56 21 00-0003	EA	400 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	2,025.98	181.73
26 56 21 00-0004	EA	400 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	2,164.66	181.73
26 56 21 00-0005	EA	750 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	2,147.45	207.62
26 56 21 00-0006	EA	750 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	2,230.66	207.62
26 56 21 00-0007	EA	1,000 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	2,258.26	259.52
26 56 21 00-0008	EA	1,000 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	2,341.47	259.52
26 56 21 00-0009		High Pressure Sodium, High Mast Fixtures *(26 56 21 00-0001)*		
26 56 21 00-0010	EA	400 W High Mast HPS Fixture (VA 25 Type V) As Manufactured By Metrolux	2,092.36	181.73
26 56 21 00-0011	EA	400 W High Mast HPS Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	2,175.57	181.73
26 56 21 00-0012	EA	600 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	2,532.39	192.11
26 56 21 00-0013	EA	750 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	2,594.75	207.62
26 56 21 00-0014	EA	1,000 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	2,747.17	259.52
26 56 21 00-0015		HID, Pole Mounted *(26 56 21)*		
26 56 21 00-0016		Metal Halide, Pole Mounted *(26 56 21 00-0015)*		
26 56 21 00-0017	EA	175 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	794.54	296.33
26 56 21 00-0018	EA	250 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	896.67	321.66
26 56 21 00-0019	EA	400 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	1,049.45	346.03
26 56 21 00-0020	EA	1,000 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	1,323.02	405.54
26 56 21 00-0021		High Pressure Sodium, Pole Mounted *(26 56 21 00-0015)*		
26 56 21 00-0022	EA	100 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	873.51	346.03
26 56 21 00-0023	EA	150 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	899.36	346.03
26 56 21 00-0024	EA	175 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	940.83	346.03
26 56 21 00-0025	EA	250 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	1,050.13	346.03
26 56 21 00-0026	EA	400 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	1,212.18	346.03
26 56 21 00-0027	EA	1,000 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	1,264.56	346.03
26 56 21 00-0028		Low Pressure Sodium, Pole Mounted *(26 56 21 00-0015)*		
26 56 21 00-0029	EA	135 Watt Low Pressure Sodium Exterior Roadway Fixture, Enclosed And Gasketed	803.96	188.24
26 56 21 00-0030	EA	135 Watt Low Pressure Sodium Fixture, Enclosed And Gasketed	854.16	276.82
26 56 21 00-0031	EA	180 Watt Low Pressure Sodium Fixture, Enclosed And Gasketed	1,011.92	276.82
26 56 21 00-0032		Metal Halide, Area Fixtures *(26 56 21)*		
26 56 21 00-0033		Metal Halide, Pole Mount, Area Fixtures *(26 56 21 00-0032)*		
		Note: Includes pulse start ballast.		
26 56 21 00-0034	EA	150 Watt, Metal Halide Area Fixture, Pole Mount	1,220.96	183.50
26 56 21 00-0035	EA	175 Watt, Metal Halide Area Fixture, Pole Mount	1,339.84	201.84
26 56 21 00-0036	EA	250 Watt, Metal Halide Area Fixture, Pole Mount	1,481.94	220.20
26 56 21 00-0037	EA	400 Watt, Metal Halide Area Fixture, Pole Mount	1,565.77	256.88
26 56 21 00-0038		High Pressure Sodium, Area Fixtures *(26 56 21)*		
26 56 21 00-0039		Pole Mount, High Pressure Sodium Area Fixtures *(26 56 21 00-0038)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 21 00-0040	EA	100 Watt, High Pressure Sodium Area Fixture, Pole Mount	1,014.70	146.80
26 56 21 00-0041	EA	150 Watt, High Pressure Sodium Area Fixture, Pole Mount	1,102.80	183.50
26 56 21 00-0042	EA	250 Watt, High Pressure Sodium Area Fixture, Pole Mount	1,194.84	220.20
26 56 21 00-0043	EA	400 Watt, High Pressure Sodium Area Fixture, Pole Mount	1,258.10	256.88
26 56 21 00-0044		Surface Mounted, Rectangular Exterior Area Fixture *(26 56 21)*		
26 56 21 00-0045		Metal Halide, Surface Mounted, Rectangular Exterior Area Fixture *(26 56 21 00-0044)*		
26 56 21 00-0046	EA	175 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	744.17	276.82
26 56 21 00-0047	EA	250 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	850.53	311.42
26 56 21 00-0048	EA	400 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	1,023.75	346.03
26 56 21 00-0049	EA	1,000 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	1,299.13	405.54
26 56 21 00-0050		High Pressure Sodium, Surface Mounted, Rectangular Exterior Area Fixture *(26 56 21 00-0044)*		
26 56 21 00-0051	EA	70 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro)	719.83	236.68
26 56 21 00-0052	EA	100 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro)	783.13	251.91
26 56 21 00-0053	EA	150 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro)	845.02	265.75
26 56 21 00-0054	EA	175 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	873.02	276.82
26 56 21 00-0055	EA	250 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	970.73	311.42
26 56 21 00-0056	EA	400 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	1,047.55	346.03
26 56 21 00-0057	EA	1,000 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	1,434.97	405.54
26 56 21 00-0058		Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures *(26 56 21)*		
26 56 21 00-0059		High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures *(26 56 21 00-0058)*		
		Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
26 56 21 00-0060	EA	35 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	853.83	186.86
26 56 21 00-0061	EA	50 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	885.38	207.62
26 56 21 00-0062	EA	70 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	945.97	236.68
26 56 21 00-0063	EA	100 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	971.95	251.91
26 56 21 00-0064	EA	150 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	998.76	265.75
26 56 21 00-0065	EA	175 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,046.50	276.82
26 56 21 00-0066	EA	250 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,146.92	311.42
26 56 21 00-0067	EA	400 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,393.49	346.03
26 56 21 00-0068		Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures *(26 56 21 00-0058)*		
		Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
26 56 21 00-0069	EA	50 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	940.07	207.62
26 56 21 00-0070	EA	70 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	992.31	236.68
26 56 21 00-0071	EA	100 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,026.15	251.91
26 56 21 00-0072	EA	150 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,069.56	265.75
26 56 21 00-0073	EA	175 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,092.86	276.82
26 56 21 00-0074	EA	250 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,195.63	311.42
26 56 21 00-0075	EA	400 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,523.11	346.03
26 56 21 00-0076		Wall Packs *(26 56 21)*		
26 56 21 00-0077		Non-Cutoff, Polycarbonate Lens, Mini Wall Packs *(26 56 21 00-0076)*		
		Note: Polycarbonate body and aluminum reflector. 11" x 6-1/2" x 5-1/4". Lithonia TWS.		
26 56 21 00-0078	EA	13 Watt Compact Fluorescent, Non-Cutoff, Polycarbonate Lens, Mini Wall Pack	390.36	65.48
26 56 21 00-0079	EA	50 Watt Metal Halide, Non-Cutoff, Polycarbonate Lens, Mini Wall Pack	418.86	65.48
26 56 21 00-0080	EA	35 Watt High Pressure Sodium, Non-Cutoff, Polycarbonate Lens, Mini Wall Pack	418.86	65.48
26 56 21 00-0081	EA	70 Watt High Pressure Sodium, Non-Cutoff, Polycarbonate Lens, Mini Wall Pack	556.99	65.48
26 56 21 00-0082		Semi-Cutoff, Polycarbonate Lens, Mini Wall Packs *(26 56 21 00-0076)*		
		Note: Polycarbonate body and diffused aluminum reflector. 10" x 11-1/2" x 8-15/16". Lithonia TWA.		
26 56 21 00-0083	EA	42 Watt Compact Fluorescent, Semi-Cutoff, Polycarbonate Lens, Mini Wall Pack	779.95	65.48
26 56 21 00-0084	EA	50 Watt Metal Halide, Semi-Cutoff, Polycarbonate Lens, Mini Wall Pack	790.19	65.48
26 56 21 00-0085	EA	70 Watt Metal Halide, Semi-Cutoff, Polycarbonate Lens, Mini Wall Pack	799.06	65.48
26 56 21 00-0086	EA	100 Watt Metal Halide, Semi-Cutoff, Polycarbonate Lens, Mini Wall Pack	782.89	65.48
26 56 21 00-0087	EA	70 Watt High Pressure Sodium, Semi-Cutoff, Polycarbonate Lens, Mini Wall Pack	716.42	65.48
26 56 21 00-0088	EA	100 Watt High Pressure Sodium, Semi-Cutoff, Polycarbonate Lens, Mini Wall Pack	679.91	65.48
26 56 21 00-0089		Cutoff, Polycarbonate Lens, Mini Wall Packs *(26 56 21 00-0076)*		
		Note: Polycarbonate body and diffused aluminum reflector. 10" x 11-1/2" x 8-15/16". Lithonia TWAC.		
26 56 21 00-0090	EA	50 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack	822.00	65.48
26 56 21 00-0091	EA	70 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack	831.34	65.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 21 00-0092	EA	100 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack	815.20	65.48
26 56 21 00-0093	EA	70 Watt High Pressure Sodium, Cutoff, Polycarbonate Lens, Mini Wall Pack	828.20	65.48
26 56 21 00-0094	EA	100 Watt High Pressure Sodium, Cutoff, Polycarbonate Lens, Mini Wall Pack	828.20	65.48
26 56 21 00-0095		**Non-Cutoff, Borosilicate Glass Lens, Small Wall Packs** *(26 56 21 00-0076)*		
		Note: Aluminum body and reflector. 9" x 13" x 7-3/8". Lithonia TWR1.		
26 56 21 00-0096	EA	70 Watt Metal Halide, Non-Cutoff, Borosilicate Glass Lens, Small Wall Pack	780.08	87.22
26 56 21 00-0097	EA	100 Watt Metal Halide, Non-Cutoff, Borosilicate Glass Lens, Small Wall Pack	780.08	87.22
26 56 21 00-0098	EA	175 Watt Metal Halide, Non-Cutoff, Borosilicate Glass Lens, Small Wall Pack	730.05	87.22
26 56 21 00-0099	EA	70 Watt High Pressure Sodium, Non-Cutoff, Borosilicate Glass Lens, Small Wall Pack	749.22	87.22
26 56 21 00-0100	EA	100 Watt High Pressure Sodium, Non-Cutoff, Borosilicate Glass Lens, Small Wall Pack	749.22	87.22
26 56 21 00-0101	EA	150 Watt High Pressure Sodium, Non-Cutoff, Borosilicate Glass Lens, Small Wall Pack	693.75	87.22
26 56 21 00-0102		**Cutoff, Borosilicate Glass Lens, Small Wall Packs** *(26 56 21 00-0076)*		
		Note: Aluminum body and reflector. 10-1/4" x 13" x 8-15/32". Lithonia TWR1C.		
26 56 21 00-0103	EA	70 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack	809.72	87.22
26 56 21 00-0104	EA	100 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack	809.72	87.22
26 56 21 00-0105	EA	175 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack	809.72	87.22
26 56 21 00-0106	EA	70 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack	780.29	87.22
26 56 21 00-0107	EA	100 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack	780.29	87.22
26 56 21 00-0108	EA	150 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack	780.29	87.22
26 56 21 00-0109		**Full Cutoff, Tempered Glass Lens, Small Wall Packs** *(26 56 21 00-0076)*		
		Note: Aluminum body and reflector. 9-3/8" x 14-3/8" x 8-3/4". Meets Nighttime Friendly criteria. Lithonia TWR1S.		
26 56 21 00-0110	EA	175 Watt Metal Halide, Full Cutoff, Tempered Glass Lens, Small Wall Pack	1,049.17	87.22
26 56 21 00-0111		**Cutoff, Borosilicate Glass Lens, Medium Wall Packs** *(26 56 21 00-0076)*		
		Note: Aluminum body and reflector. Lithonia TWR2.		
26 56 21 00-0112	EA	250 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Medium Wall Pack Note: 9-1/4" x 17-7/8" x 9-3/8".	983.21	108.04
26 56 21 00-0113	EA	400 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Medium Wall Pack Note: 9-1/4" x 17-7/8" x 12-1/2".	1,051.03	108.04
26 56 21 00-0114	EA	250 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Medium Wall Pack Note: 9-1/4" x 17-7/8" x 9-3/8".	1,131.89	108.04
26 56 21 00-0115	EA	400 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Medium Wall Pack Note: 9-1/4" x 17-7/8" x 12-1/2".	1,154.15	108.04
26 56 21 00-0116		**Cutoff, Tempered Glass Lens, Medium Wall Packs** *(26 56 21 00-0076)*		
		Note: Aluminum body and reflector. 10" x 17-1/8" x 14-1/2". Lithonia TWR2C.		
26 56 21 00-0117	EA	250 Watt Metal Halide, Cutoff, Tempered Glass Lens, Medium Wall Pack	1,070.44	108.04
26 56 21 00-0118	EA	400 Watt Metal Halide, Cutoff, Tempered Glass Lens, Medium Wall Pack	1,146.65	108.04
26 56 21 00-0119		**Non-Cutoff, Polycarbonate Lens, Large Wall Packs** *(26 56 21 00-0076)*		
		Note: Polycarbonate body and powder coated reflector. 15-7/16" x 16-1/8" x 7-3/4". Lithonia TWP.		
26 56 21 00-0120	EA	100 Watt Metal Halide, Non-Cutoff, Polycarbonate Lens, Large Wall Pack	984.73	130.96
26 56 21 00-0121	EA	175 Watt Metal Halide, Non-Cutoff, Polycarbonate Lens, Large Wall Pack	904.02	130.96
26 56 21 00-0122	EA	70 Watt High Pressure Sodium, Non-Cutoff, Polycarbonate Lens, Large Wall Pack	966.05	130.96
26 56 21 00-0123	EA	100 Watt High Pressure Sodium, Non-Cutoff, Polycarbonate Lens, Large Wall Pack	972.23	130.96
26 56 21 00-0124	EA	150 Watt High Pressure Sodium, Non-Cutoff, Polycarbonate Lens, Large Wall Pack	978.70	130.96
26 56 21 00-0125		**Non-Cutoff, Borosilicate Glass Lens, Large Wall Packs** *(26 56 21 00-0076)*		
		Note: Aluminum body and reflector. 15-3/4" x 16-1/4" x 8". Lithonia TWH.		
26 56 21 00-0126	EA	175 Watt Metal Halide, Non-Cutoff, Borosilicate Glass Lens, Large Wall Pack	984.75	130.96
26 56 21 00-0127	EA	250 Watt Metal Halide, Non-Cutoff, Borosilicate Glass Lens, Large Wall Pack	1,011.68	130.96
26 56 21 00-0128	EA	400 Watt Metal Halide, Non-Cutoff, Borosilicate Glass Lens, Large Wall Pack	1,092.39	130.96
26 56 21 00-0129	EA	150 Watt High Pressure Sodium, Non-Cutoff, Borosilicate Glass Lens, Large Wall Pack	1,038.59	130.96
26 56 21 00-0130	EA	250 Watt High Pressure Sodium, Non-Cutoff, Borosilicate Glass Lens, Large Wall Pack	1,065.53	130.96
26 56 21 00-0131	EA	400 Watt High Pressure Sodium, Non-Cutoff, Borosilicate Glass Lens, Large Wall Pack	1,119.28	130.96
26 56 21 00-0132		**Semi-Cutoff, Induction Wall Packs** *(26 56 21 00-0076)*		
26 56 21 00-0133		**Semi-Cutoff, Induction Wall Packs (Everlast®)** *(26 56 21 00-0132)*		
		Note: UL wet listed. Includes bi-level ballast, die-cast aluminum housing assembly and bronze powder coat finish. Excludes sensors.		
26 56 21 00-0134	EA	70 Watt, Wall Mount, Semi-Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-70)	1,280.59	124.74
26 56 21 00-0135	EA	80 Watt, Wall Mount, Semi-Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-80)	1,306.75	132.08
26 56 21 00-0136	EA	100 Watt, Wall Mount, Semi-Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-100)	1,332.92	139.42
26 56 21 00-0137	EA	120 Watt, Wall Mount, Semi-Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-120)	1,485.45	146.76
26 56 21 00-0138		**Non-Cutoff, Polycarbonate Lens, Small Wall Packs** *(26 56 21 00-0076)*		
26 56 21 00-0139	EA	15 Watt, Exterior, Non-Cutoff Small Wall Pack (Sylvania 60066-SMWLPAK1N/015UNV740/NC/BZ/P)	402.92	65.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 21 00-0140		Induction, Roadway Lighting *(26 56 21)*		
26 56 21 00-0141		Induction Roadway Lighting (US Lighting Tech) *(26 56 21 00-0140)* Note: Includes gray powder coat finish heavy-duty die cast aluminum body and flat glass lens.		
26 56 21 00-0142	EA	40 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	741.09	220.13
26 56 21 00-0143	EA	70 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	814.74	227.47
26 56 21 00-0144	EA	100 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	844.10	242.15
26 56 21 00-0145	EA	150 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	873.44	256.83
26 56 21 00-0146	EA	200 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	1,023.78	264.16
26 56 21 00-0147	EA	250 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	1,043.17	271.50
26 56 21 00-0148	EA	40 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	691.54	220.13
26 56 21 00-0149	EA	70 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	772.27	227.47
26 56 21 00-0150	EA	100 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	801.63	242.15
26 56 21 00-0151	EA	150 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	830.97	256.83
26 56 21 00-0152		Induction, Area Fixtures *(26 56 21)*		
26 56 21 00-0153		Post Top, Induction Area Fixtures *(26 56 21 00-0152)*		
26 56 21 00-0154		Post Top, Induction Area Fixtures (US Lighting Tech) *(26 56 21 00-0153)* Note: Includes black powder coat finish heavy-duty die cast aluminum body and no-lite lid acrylic lens.		
26 56 21 00-0155	EA	40 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571)	829.43	201.79
26 56 21 00-0156	EA	70 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571)	897.85	201.79
26 56 21 00-0157	EA	100 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571)	897.85	201.79
26 56 21 00-0158	EA	150 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571)	897.85	201.79
26 56 21 00-0159		Surface Mount, Induction Parking Structure Fixtures *(26 56 21 00-0152)*		
26 56 21 00-0160		Surface Mount, Induction Parking Structure Fixtures (Everlast®) *(26 56 21 00-0159)*		
26 56 21 00-0161	EA	40 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	750.44	183.44
26 56 21 00-0162	EA	55 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	797.89	187.11
26 56 21 00-0163	EA	70 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	809.95	190.78
26 56 21 00-0164	EA	80 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	822.01	194.45
26 56 21 00-0165	EA	100 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	834.06	198.12
26 56 21 00-0166	EA	120 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	850.83	201.79
26 56 21 00-0167	EA	70/28 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	878.37	190.78
26 56 21 00-0168	EA	80/32 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	890.43	194.45
26 56 21 00-0169	EA	100/40 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	902.48	198.12
26 56 21 00-0170	EA	120/48 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	939.30	201.79
26 56 21 00-0171		Pole Mount, Induction Area Fixtures *(26 56 21 00-0152)*		
26 56 21 00-0172		Pole Mount, Bi-Level Induction Area Fixtures (Everlast® ESB-ED) *(26 56 21 00-0171)* Note: UL wet listed. Includes bi-level ballast, die-cast aluminum housing assembly and bronze powder coat finish. Excludes sensors.		
26 56 21 00-0173	EA	70 Watt, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-70)	1,338.03	124.74
26 56 21 00-0174	EA	80 Watt, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-80)	1,375.68	132.08
26 56 21 00-0175	EA	100 Watt, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-100)	1,413.34	139.42

END OF SECTION 26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

27 Communications

Note: Termination costs are included with all communication equipment, panel boards, and devices. Terminations are not included with patch panels.

27 05 Common Work Results for Communications *(27)*

27 05 26 Grounding and Bonding for Communications Systems *(27 05)*

See CSI section 26 05 26 00-0000 for grounding.

27 05 26 00-0001	EA	25 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 720-00) Note: Excludes terminations.	1,111.60	134.05
27 05 26 00-0002	EA	50 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 820-00) Note: Excludes terminations.	1,421.11	178.77
27 05 26 00-0003	EA	100 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 630-00) Note: Excludes terminations.	2,250.92	268.09
27 05 26 00-0004	EA	Lucent 3B1-EW, Gas Tube Protector Unit	13.43	1.97
27 05 26 00-0005	EA	44 Terminal Copper Ground Bus Bar (Siemens ECGK)	87.91	35.42
27 05 26 00-0006	EA	2" x 1/4" x 12", G Pattern, Grounding Bus Bar	197.47	35.42
27 05 26 00-0007	EA	2" x 1/4" x 12", TGB Pattern, Grounding Bus Bar	212.76	35.42
27 05 26 00-0008	EA	4" x 1/4" x 12", TMGB Pattern, Grounding Bus Bar	403.69	35.42
27 05 26 00-0009	EA	#6 AWG, Cable Runway Ground Strap	80.39	6.55
27 05 26 00-0010	EA	1/4" Screw Size, #6 AWG Compression Lug	28.07	6.55
27 05 26 00-0011	EA	3/8" Screw Size, #6 AWG Compression Lug	29.91	6.55
27 05 26 00-0012	EA	Two Mounting Hole, Ground Terminal Block	33.32	6.55

27 05 29 Hangers and Supports for Communications Systems *(27 05)*

See CSI section 26 05 29 00-0000 for hangers and supports.

27 05 29 00-0001 Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29)*

27 05 29 00-0002 Screw On Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Includes screw.

27 05 29 00-0003	EA	3/4" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12)	10.27	3.28
		For >50 To 100, Deduct	*-0.42*	
		For >100 To 250, Deduct	*-0.84*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-2.34*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.74*	
		For Work In Restricted Working Space, Add	*1.97*	
		For Painted Powder Coated Finish, Add	*0.76*	
27 05 29 00-0004	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21)	10.85	3.28
		For >50 To 100, Deduct	*-0.44*	
		For >100 To 250, Deduct	*-0.87*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-2.40*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.74*	
		For Work In Restricted Working Space, Add	*1.97*	
		For Painted Powder Coated Finish, Add	*2.65*	
		For Low Friction Xylan® Coated Finish, Add	*9.44*	
27 05 29 00-0005	EA	2" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32)	11.74	3.28
		For >50 To 100, Deduct	*-0.46*	
		For >100 To 250, Deduct	*-0.91*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.48*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.74*	
		For Work In Restricted Working Space, Add	*1.97*	
		For Painted Powder Coated Finish, Add	*3.25*	
		For Low Friction Xylan® Coated Finish, Add	*11.73*	
27 05 29 00-0006	EA	4" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64)	19.46	3.28
		For >50 To 100, Deduct	*-0.65*	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-3.26*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.74*	
		For Work In Restricted Working Space, Add	*1.97*	
		For Painted Powder Coated Finish, Add	*1.74*	
		For Low Friction Xylan® Coated Finish, Add	*10.40*	

27 05 29 00-0007 Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Includes screw.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 05 29 00-0008	EA	3/4" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-RB)	11.63	3.28
		For >50 To 100, Deduct	*-0.45*	
		For >100 To 250, Deduct	*-0.91*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.47*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.74*	
		For Work In Restricted Working Space, Add	*1.97*	
27 05 29 00-0009	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-RB)	15.10	3.28
		For >50 To 100, Deduct	*-0.54*	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.82*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.74*	
		For Work In Restricted Working Space, Add	*1.97*	
27 05 29 00-0010	EA	2" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-RB)	16.79	3.28
		For >50 To 100, Deduct	*-0.58*	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.99*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.74*	
		For Work In Restricted Working Space, Add	*1.97*	
27 05 29 00-0011	EA	4" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-RB)	22.85	3.28
		For >50 To 100, Deduct	*-0.74*	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-2.53*	
		For >500, Deduct	*-3.60*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.74*	
		For Work In Restricted Working Space, Add	*1.97*	

27 05 29 00-0012 Strut Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Excludes strut.

27 05 29 00-0013	EA	3/4" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-SC4)	12.27	3.28
		For >50 To 100, Deduct	*-0.47*	
		For >100 To 250, Deduct	*-0.94*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.54*	
		For Work In Restricted Working Space, Add	*1.97*	
27 05 29 00-0014	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-SC4)	14.59	3.28
		For >50 To 100, Deduct	*-0.53*	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.77*	
		For Work In Restricted Working Space, Add	*1.97*	
27 05 29 00-0015	EA	2" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-SC4)	15.79	3.28
		For >50 To 100, Deduct	*-0.56*	
		For >100 To 250, Deduct	*-1.12*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.89*	
		For Work In Restricted Working Space, Add	*1.97*	
27 05 29 00-0016	EA	4" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-SC4)	21.51	3.28
		For >50 To 100, Deduct	*-0.70*	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-3.46*	
		For Work In Restricted Working Space, Add	*1.97*	

27 05 29 00-0017 T-Bar Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Excludes T-Bar.

27 05 29 00-0018	EA	3/4" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-A28)	14.81	3.28
		For >50 To 100, Deduct	*-0.53*	
		For >100 To 250, Deduct	*-1.07*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.79*	
		For Work In Restricted Working Space, Add	*1.97*	
27 05 29 00-0019	EA	1-5/16" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-A28)	18.73	3.28
		For >50 To 100, Deduct	*-0.63*	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-3.18*	
		For Work In Restricted Working Space, Add	*1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 05 29 00-0020	EA	2" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-A28)	19.75	3.28
		For >50 To 100, Deduct	*-0.66*	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-3.29*	
		For Work In Restricted Working Space, Add	*1.97*	

27 05 29 00-0021 Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Excludes threaded rod. See CSI section 26 05 29 00-0198 for threaded rod.

27 05 29 00-0022	EA	3/4" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-W6)	11.96	3.28
		For >50 To 100, Deduct	*-0.46*	
		For >100 To 250, Deduct	*-0.93*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.51*	
		For Work In Restricted Working Space, Add	*1.97*	
27 05 29 00-0023	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-W6)	12.49	3.28
		For >50 To 100, Deduct	*-0.48*	
		For >100 To 250, Deduct	*-0.95*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.56*	
		For Work In Restricted Working Space, Add	*1.97*	
27 05 29 00-0024	EA	2" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-W6)	15.21	3.28
		For >50 To 100, Deduct	*-0.54*	
		For >100 To 250, Deduct	*-1.09*	
		For >250 To 500, Deduct	*-1.96*	
		For >500, Deduct	*-2.83*	
		For Work In Restricted Working Space, Add	*1.97*	

27 05 29 00-0025 Threaded Rod Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Excludes threaded rod, nuts and washers. See CSI section 26 05 29 00-0198 for threaded rod, nuts and washers.

27 05 29 00-0026	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-AB)	14.90	3.28
		For >50 To 100, Deduct	*-0.54*	
		For >100 To 250, Deduct	*-1.07*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.80*	
		For Work In Restricted Working Space, Add	*1.97*	
27 05 29 00-0027	EA	2" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-AB)	16.17	3.28
		For >50 To 100, Deduct	*-0.57*	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.93*	
		For Work In Restricted Working Space, Add	*1.97*	
27 05 29 00-0028	EA	4" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-AB)	22.49	3.28
		For >50 To 100, Deduct	*-0.73*	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.56*	
		For Work In Restricted Working Space, Add	*1.97*	

27 05 29 00-0029 Beam Clamp Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

27 05 29 00-0030	EA	3/4" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-C442A)	14.72	3.28
		For >50 To 100, Deduct	*-0.53*	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.78*	
		For Work In Restricted Working Space, Add	*1.97*	
27 05 29 00-0031	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-C442A)	16.99	3.28
		For >50 To 100, Deduct	*-0.59*	
		For >100 To 250, Deduct	*-1.18*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-3.01*	
		For Work In Restricted Working Space, Add	*1.97*	
27 05 29 00-0032	EA	2" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-C442A)	18.19	3.28
		For >50 To 100, Deduct	*-0.62*	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-3.13*	
		For Work In Restricted Working Space, Add	*1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 05 29 00-0033	EA	4" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-C442A)	24.78	3.28
		For >50 To 100, Deduct	*-0.78*	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.79*	
		For Work In Restricted Working Space, Add	*1.97*	

27 05 29 00-0034 Adjustable Cable Supports (Caddy® CableCat CAT425) *(27 05 29)*

27 05 29 00-0035	EA	Wall Mount, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	42.10	4.32
		For >50 To 100, Deduct	*-1.38*	
		For >100 To 250, Deduct	*-2.76*	
		For >250 To 500, Deduct	*-4.80*	
		For >500, Deduct	*-6.83*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*3.38*	
		For Work In Restricted Working Space, Add	*3.93*	
27 05 29 00-0036	EA	Threaded Rod Or Horizontal Surface Mount, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	42.95	4.32
		For >50 To 100, Deduct	*-1.40*	
		For >100 To 250, Deduct	*-2.80*	
		For >250 To 500, Deduct	*-4.86*	
		For >500, Deduct	*-6.92*	
		For Work In Restricted Working Space, Add	*3.93*	
27 05 29 00-0037	EA	Up To 1/4" Flange, Hammer On Flange Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	47.36	4.32
		For >50 To 100, Deduct	*-1.51*	
		For >100 To 250, Deduct	*-3.02*	
		For >250 To 500, Deduct	*-5.19*	
		For >500, Deduct	*-7.36*	
		For Work In Restricted Working Space, Add	*3.93*	
27 05 29 00-0038	EA	>1/4" To 3/4" Flange, Hammer On Flange Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	41.96	4.32
		For >50 To 100, Deduct	*-1.38*	
		For >100 To 250, Deduct	*-2.75*	
		For >250 To 500, Deduct	*-4.78*	
		For >500, Deduct	*-6.82*	
		For Work In Restricted Working Space, Add	*3.93*	
27 05 29 00-0039	EA	Up To 1/2" Flange, Beam Clamp, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	44.00	4.32
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 250, Deduct	*-2.86*	
		For >250 To 500, Deduct	*-4.94*	
		For >500, Deduct	*-7.02*	
		For Work In Restricted Working Space, Add	*3.93*	
27 05 29 00-0040	EA	>1/2" To 5/8" Flange, Beam Clamp, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	46.03	4.32
		For >50 To 100, Deduct	*-1.48*	
		For >100 To 250, Deduct	*-2.96*	
		For >250 To 500, Deduct	*-5.09*	
		For >500, Deduct	*-7.22*	
		For Work In Restricted Working Space, Add	*3.93*	
27 05 29 00-0041	EA	Up To 1/4" Flange, Hammer On Purlin Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	43.32	4.32
		For >50 To 100, Deduct	*-1.41*	
		For >100 To 250, Deduct	*-2.82*	
		For >250 To 500, Deduct	*-4.89*	
		For >500, Deduct	*-6.95*	
		For Work In Restricted Working Space, Add	*3.93*	

27 05 33 Conduits and Back Boxes for Communications Systems *(27 05)*

See CSI section 26 05 33 00-0000 for conduit and boxes.

27 05 36 Cable Trays for Communications Systems *(27 05)*

See CSI section 26 05 36 00-0000 for cable trays.

27 05 39 Surface Raceways for Communications Systems *(27 05)*

See CSI section 26 05 33 00-0000 for surface raceways.

27 05 43 Underground Ducts and Raceways for Communications Systems *(27 05)*

See CSI section 26 05 43 00-0000 for underground ducts and raceways.

27 05 53 Identification for Communications Systems *(27 05)*

See CSI section 26 05 53 00-0000 for identification.

27 10 Structured Cabling *(27)*

Note: Includes identifying, tagging and testing.

27 11 Communications Equipment Room Fittings *(27 10)*

27 11 16 Communications Cabinets, Racks, Frames, and Enclosures *(27 11)*

See CSI section 26 27 16 00-0000 for cabinets and enclosures.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 16 00-0001		**3/4" Fire Retardant Plywood Backboards** *(27 11 16)*		
27 11 16 00-0002	EA	4' x 4' x 3/4" Fire Retardant Plywood Backboard	103.89	34.05
		For Two Coats Of Non-Conductive, Fire Retardant Paint, Add	*51.92*	
27 11 16 00-0003	EA	4' x 8' x 3/4" Fire Retardant Plywood Backboard	207.78	68.10
		For Two Coats Of Non-Conductive, Fire Retardant Paint, Add	*103.83*	
27 11 16 00-0004		**Terminal Cabinets** *(27 11 16)*		
27 11 16 00-0005	EA	12" x 12" x 4" Phone Terminal Cabinet With Wood Backboard	411.64	98.22
27 11 16 00-0006	EA	18" x 12" x 4" Phone Terminal Cabinet With Wood Backboard	523.52	108.04
27 11 16 00-0007	EA	24" x 12" x 4" Phone Terminal Cabinet With Wood Backboard	602.38	124.41
27 11 16 00-0008	EA	18" x 18" x 4" Phone Terminal Cabinet With Wood Backboard	625.41	127.69
27 11 16 00-0009	EA	24" x 18" x 4" Phone Terminal Cabinet With Wood Backboard	770.35	130.96
27 11 16 00-0010	EA	26" x 36" x 4" Phone Terminal Cabinet With Wood Backboard	956.96	147.33
27 11 16 00-0011	EA	24" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	981.13	144.05
27 11 16 00-0012	EA	30" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	1,256.37	205.22
27 11 16 00-0013	EA	36" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	1,342.69	225.51
27 11 16 00-0014	EA	42" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	1,629.55	238.22
27 11 16 00-0015	EA	30" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	1,345.98	196.44
27 11 16 00-0016	EA	36" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	1,455.57	212.82
27 11 16 00-0017	EA	48" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	1,813.04	272.79
27 11 16 00-0018	EA	54" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	2,174.15	341.02
27 11 16 00-0019	EA	48" x 36" x 6" Phone Terminal Cabinet With Wood Backboard	2,476.22	337.22
27 11 16 00-0020	EA	60" x 36" x 6" Phone Terminal Cabinet With Wood Backboard	2,839.23	410.30
27 11 16 00-0021		**Equipment Racks And Cable Managers** *(27 11 16)*		
27 11 16 00-0022		**Equipment Racks** *(27 11 16 00-0021)*		
		Note: Electronics Industries Association EIA-310-D compliant. Includes aluminum construction with clear grained aluminum or black epoxy-polyester hybrid powder coat finish.		
27 11 16 00-0023		**Standard Equipment Racks** *(27 11 16 00-0022)*		
27 11 16 00-0024		**19" Width, Standard Equipment Racks** *(27 11 16 00-0023)*		
27 11 16 00-0025	EA	84" Height, 19" Width, 3" Depth, 45U, Standard Equipment Rack (Chatsworth 55053-X03)	609.61	209.54
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*9.53*	
27 11 16 00-0026	EA	96" Height, 19" Width, 3" Depth, 51U, Standard Equipment Rack (Chatsworth 55053-X15)	821.24	222.64
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*18.80*	
27 11 16 00-0027	EA	108" Height, 19" Width, 3" Depth, 58U, Standard Equipment Rack (Chatsworth 55053-X08)	885.41	235.73
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*20.70*	
27 11 16 00-0028		**Universal Equipment Racks** *(27 11 16 00-0022)*		
27 11 16 00-0029		**Universal Equipment Racks** *(27 11 16 00-0028)*		
27 11 16 00-0030		**19" Width, EIA Universal Equipment Racks** *(27 11 16 00-0029)*		
27 11 16 00-0031	EA	36" Height, 19" Width, 3" Depth, 17U, EIA Universal Equipment Rack (Chatsworth 46353-X31)	760.69	183.35
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*19.70*	
27 11 16 00-0032	EA	48" Height, 19" Width, 3" Depth, 24U, EIA Universal Equipment Rack (Chatsworth 46353-X20)	826.27	186.62
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*22.65*	
27 11 16 00-0033	EA	60" Height, 19" Width, 3" Depth, 31U, EIA Universal Equipment Rack (Chatsworth 46353-X19)	826.47	189.89
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*22.33*	
27 11 16 00-0034	EA	66" Height, 19" Width, 3" Depth, 34U, EIA Universal Equipment Rack (Chatsworth 46353-X00)	847.12	193.17
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*23.04*	
27 11 16 00-0035	EA	72" Height, 19" Width, 3" Depth, 38U, EIA Universal Equipment Rack (Chatsworth 46353-X01)	867.55	196.44
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*23.73*	
27 11 16 00-0036	EA	78" Height, 19" Width, 3" Depth, 41U, EIA Universal Equipment Rack (Chatsworth 46353-X02)	889.58	199.72
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*24.51*	
27 11 16 00-0037	EA	84" Height, 19" Width, 3" Depth, 45U, EIA Universal Equipment Rack (Chatsworth 46353-X03)	769.85	202.99
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*18.19*	
27 11 16 00-0038	EA	90" Height, 19" Width, 3" Depth, 48U, EIA Universal Equipment Rack (Chatsworth 46353-X05)	932.44	206.26
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*26.00*	
27 11 16 00-0039	EA	96" Height, 19" Width, 3" Depth, 51U, EIA Universal Equipment Rack (Chatsworth 46353-X15)	964.00	209.54
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*27.25*	
27 11 16 00-0040	EA	102" Height, 19" Width, 3" Depth, 55U, EIA Universal Equipment Rack (Chatsworth 46353-X17)	991.69	212.82
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*28.30*	
27 11 16 00-0041	EA	108" Height, 19" Width, 3" Depth, 58U, EIA Universal Equipment Rack (Chatsworth 46353-X08)	999.31	216.08
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*28.36*	
27 11 16 00-0042		**23" Width, Universal Equipment Racks** *(27 11 16 00-0029)*		
27 11 16 00-0043	EA	36" Height, 23" Width, 3" Depth, 17U, Universal Equipment Rack (Chatsworth 46383-X31)	801.12	183.35
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*21.72*	
27 11 16 00-0044	EA	48" Height, 23" Width, 3" Depth, 24U, Universal Equipment Rack (Chatsworth 46383-X20)	827.77	186.62
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*22.73*	
27 11 16 00-0045	EA	60" Height, 23" Width, 3" Depth, 31U, Universal Equipment Rack (Chatsworth 46383-X19)	851.37	189.89
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*23.58*	
27 11 16 00-0046	EA	66" Height, 23" Width, 3" Depth, 34U, Universal Equipment Rack (Chatsworth 46383-X00)	894.47	193.17
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*25.41*	
27 11 16 00-0047	EA	72" Height, 23" Width, 3" Depth, 38U, Universal Equipment Rack (Chatsworth 46383-X01)	916.30	196.44
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*26.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 16 00-0048	EA	78" Height, 23" Width, 3" Depth, 41U, Universal Equipment Rack (Chatsworth 46383-X02)	939.94	199.72
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*27.03*	
27 11 16 00-0049	EA	84" Height, 23" Width, 3" Depth, 45U, Universal Equipment Rack (Chatsworth 46383-X03)	820.79	202.99
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*20.74*	
27 11 16 00-0050	EA	90" Height, 23" Width, 3" Depth, 48U, Universal Equipment Rack (Chatsworth 46383-X05)	985.89	206.26
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*28.67*	
27 11 16 00-0051	EA	96" Height, 23" Width, 3" Depth, 51U, Universal Equipment Rack (Chatsworth 46383-X15)	1,019.98	209.54
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*30.05*	
27 11 16 00-0052	EA	102" Height, 23" Width, 3" Depth, 55U, Universal Equipment Rack (Chatsworth 46383-X17)	1,049.88	212.82
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*31.21*	
27 11 16 00-0053	EA	108" Height, 23" Width, 3" Depth, 58U, Universal Equipment Rack (Chatsworth 46383-X08)	1,057.59	216.08
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*31.27*	

27 11 16 00-0054 35" Width, Universal Equipment Racks *(27 11 16 00-0029)*

27 11 16 00-0055	EA	72" Height, 35" Width, 3" Depth, 38U, Universal Equipment Rack (Chatsworth 46363-X01)	984.83	196.44
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*29.60*	
27 11 16 00-0056	EA	84" Height, 35" Width, 3" Depth, 45U, Universal Equipment Rack (Chatsworth 46363-X03)	1,035.71	202.99
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*31.49*	

27 11 16 00-0057 UL Listed Universal Equipment Racks *(27 11 16 00-0028)*

Note: UL listed as a communications circuit accessory.

27 11 16 00-0058 19" Width, UL Listed Universal Equipment Racks *(27 11 16 00-0057)*

27 11 16 00-0059	EA	36" Height, 19" Width, 3" Depth, 17U, UL Listed Universal Equipment Rack (Chatsworth 48353-X31)	800.10	183.35
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*21.67*	
27 11 16 00-0060	EA	48" Height, 19" Width, 3" Depth, 24U, UL Listed Universal Equipment Rack (Chatsworth 48353-X20)	860.75	186.62
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*24.38*	
27 11 16 00-0061	EA	60" Height, 19" Width, 3" Depth, 31U, UL Listed Universal Equipment Rack (Chatsworth 48353-X19)	874.10	189.89
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*24.72*	
27 11 16 00-0062	EA	66" Height, 19" Width, 3" Depth, 34U, UL Listed Universal Equipment Rack (Chatsworth 48353-X00)	893.23	193.17
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*25.35*	
27 11 16 00-0063	EA	72" Height, 19" Width, 3" Depth, 38U, UL Listed Universal Equipment Rack (Chatsworth 48353-X01)	915.01	196.44
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*26.11*	
27 11 16 00-0064	EA	78" Height, 19" Width, 3" Depth, 41U, UL Listed Universal Equipment Rack (Chatsworth 48353-X02)	938.59	199.72
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*26.96*	
27 11 16 00-0065	EA	84" Height, 19" Width, 3" Depth, 45U, UL Listed Universal Equipment Rack (Chatsworth 48353-X03)	961.29	202.99
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*27.77*	
27 11 16 00-0066	EA	90" Height, 19" Width, 3" Depth, 48U, UL Listed Universal Equipment Rack (Chatsworth 48353-X05)	984.46	206.26
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*28.60*	
27 11 16 00-0067	EA	96" Height, 19" Width, 3" Depth, 51U, UL Listed Universal Equipment Rack (Chatsworth 48353-X15)	1,018.51	209.54
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*29.97*	
27 11 16 00-0068	EA	102" Height, 19" Width, 3" Depth, 55U, UL Listed Universal Equipment Rack (Chatsworth 48353-X17)	1,048.33	212.82
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*31.14*	
27 11 16 00-0069	EA	108" Height, 19" Width, 3" Depth, 58U, UL Listed Universal Equipment Rack (Chatsworth 48353-X08)	1,055.98	216.08
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*31.19*	

27 11 16 00-0070 23" Width, UL Listed Universal Equipment Racks *(27 11 16 00-0057)*

27 11 16 00-0071	EA	36" Height, 23" Width, 3" Depth, 17U, UL Listed Universal Equipment Rack (Chatsworth 48383-X31)	844.61	183.35
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*23.90*	
27 11 16 00-0072	EA	48" Height, 23" Width, 3" Depth, 24U, UL Listed Universal Equipment Rack (Chatsworth 48383-X20)	921.12	186.62
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*27.39*	
27 11 16 00-0073	EA	60" Height, 23" Width, 3" Depth, 31U, UL Listed Universal Equipment Rack (Chatsworth 48383-X19)	933.19	189.89
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*27.67*	
27 11 16 00-0074	EA	66" Height, 23" Width, 3" Depth, 34U, UL Listed Universal Equipment Rack (Chatsworth 48383-X00)	945.27	193.17
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*27.95*	
27 11 16 00-0075	EA	72" Height, 23" Width, 3" Depth, 38U, UL Listed Universal Equipment Rack (Chatsworth 48383-X01)	968.63	196.44
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*28.79*	
27 11 16 00-0076	EA	78" Height, 23" Width, 3" Depth, 41U, UL Listed Universal Equipment Rack (Chatsworth 48383-X02)	994.00	199.72
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*29.73*	
27 11 16 00-0077	EA	84" Height, 23" Width, 3" Depth, 45U, UL Listed Universal Equipment Rack (Chatsworth 48383-X03)	1,018.33	202.99
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*30.62*	
27 11 16 00-0078	EA	90" Height, 23" Width, 3" Depth, 48U, UL Listed Universal Equipment Rack (Chatsworth 48383-X05)	1,043.21	206.26
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*31.53*	
27 11 16 00-0079	EA	96" Height, 23" Width, 3" Depth, 51U, UL Listed Universal Equipment Rack (Chatsworth 48383-X15)	1,080.05	209.54
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*33.05*	
27 11 16 00-0080	EA	102" Height, 23" Width, 3" Depth, 55U, UL Listed Universal Equipment Rack (Chatsworth 48383-X17)	1,112.31	212.82
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*34.33*	
27 11 16 00-0081	EA	108" Height, 23" Width, 3" Depth, 58U, UL Listed Universal Equipment Rack (Chatsworth 48383-X08)	1,120.22	216.08
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*34.40*	

27 11 16 00-0082 4-Post Equipment Racks And Server Frames *(27 11 16 00-0022)*

27 11 16 00-0083 4-Post Equipment Racks *(27 11 16 00-0082)*

27 11 16 00-0084	EA	19" Width, 29" Depth, 84" Height, 4-Post Equipment Rack (Chatsworth 50120-X03)	1,601.67	327.40
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*47.34*	
27 11 16 00-0085	EA	19" Width, 29" Depth, 96" Height, 4-Post Equipment Rack (Chatsworth 50120-X15)	1,742.77	340.50
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*53.09*	
27 11 16 00-0086	EA	19" Width, 29" Depth, 108" Height, 4-Post Equipment Rack (Chatsworth 50120-X08)	1,876.14	353.59
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*58.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 16 00-0087		**4-Post Server Frame** *(27 11 16 00-0082)*		
27 11 16 00-0088	EA	19" Width, 29" Depth, 84" Height, Server Frame (Chatsworth 15053-X03)	1,643.31	327.40
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*49.43*	
27 11 16 00-0089		**Cable Managers** *(27 11 16 00-0021)*		
27 11 16 00-0090		**Horizontal Cable Managers** *(27 11 16 00-0089)*		
27 11 16 00-0091		**Single-Sided, Horizontal Cable Managers** *(27 11 16 00-0090)*		
27 11 16 00-0092	EA	1U Height, 19" Width, 4.96" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30139-719)	90.63	13.10
27 11 16 00-0093	EA	1U Height, 23" Width, 4.96" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30139-723)	100.40	13.10
27 11 16 00-0094	EA	1U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-701)	76.42	13.10
27 11 16 00-0095	EA	2U Height, 19" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30130-719)	92.10	13.10
27 11 16 00-0096	EA	2U Height, 23" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30130-723)	107.23	13.10
27 11 16 00-0097	EA	2U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-702)	84.14	13.10
27 11 16 00-0098	EA	3U Height, 19" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30131-719)	122.59	13.10
27 11 16 00-0099	EA	3U Height, 23" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30131-723)	138.91	13.10
27 11 16 00-0100	EA	3U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-703)	99.60	13.10
27 11 16 00-0101		**Double-Sided, Horizontal Cable Managers** *(27 11 16 00-0090)*		
27 11 16 00-0102	EA	1U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30529-719)	111.46	13.10
27 11 16 00-0103	EA	1U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30529-723)	124.35	13.10
27 11 16 00-0104	EA	2U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30530-719)	117.04	13.10
27 11 16 00-0105	EA	2U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30530-723)	135.49	13.10
27 11 16 00-0106	EA	3U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30531-719)	150.12	13.10
27 11 16 00-0107	EA	3U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30531-723)	167.56	13.10
27 11 16 00-0108		**Vertical Cable Managers** *(27 11 16 00-0089)*		
27 11 16 00-0109		**Single-Sided, Vertical Cable Managers** *(27 11 16 00-0108)*		
27 11 16 00-0110	EA	3.6" Width, 9.7" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-701)	199.63	19.64
27 11 16 00-0111	EA	6" Width, 9.8" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-701)	278.83	19.64
27 11 16 00-0112	EA	10" Width, 10.3" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-701)	444.96	19.64
27 11 16 00-0113	EA	12" Width, 10.4" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-701)	502.92	19.64
27 11 16 00-0114	EA	3.6" Width, 9.7" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-703)	213.15	19.64
27 11 16 00-0115	EA	6" Width, 9.8" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-703)	300.08	19.64
27 11 16 00-0116	EA	10" Width, 10.3" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-703)	483.60	19.64
27 11 16 00-0117	EA	12" Width, 10.4" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-703)	541.55	19.64
27 11 16 00-0118	EA	3.6" Width, 9.7" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-715)	240.19	19.64
27 11 16 00-0119	EA	6" Width, 9.8" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-715)	329.06	19.64
27 11 16 00-0120	EA	10" Width, 10.3" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-715)	541.55	19.64
27 11 16 00-0121	EA	12" Width, 10.4" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-715)	599.51	19.64
27 11 16 00-0122		**Double-Sided, Vertical Cable Managers** *(27 11 16 00-0108)*		
27 11 16 00-0123	EA	3.6" Width, 16.4" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-701)	286.56	19.64
27 11 16 00-0124	EA	6" Width, 16.6" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-701)	336.78	19.64
27 11 16 00-0125	EA	10" Width, 17.5" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-701)	541.55	19.64
27 11 16 00-0126	EA	12" Width, 17.8" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-701)	638.14	19.64
27 11 16 00-0127	EA	3.6" Width, 16.4" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-703)	309.74	19.64
27 11 16 00-0128	EA	6" Width, 16.6" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-703)	359.97	19.64
27 11 16 00-0129	EA	10" Width, 17.5" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-703)	580.19	19.64
27 11 16 00-0130	EA	12" Width, 17.8" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-703)	676.78	19.64
27 11 16 00-0131	EA	3.6" Width, 16.4" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-715)	340.65	19.64
27 11 16 00-0132	EA	6" Width, 16.6" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-715)	390.87	19.64
27 11 16 00-0133	EA	10" Width, 17.5" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-715)	638.14	19.64
27 11 16 00-0134	EA	12" Width, 17.8" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-715)	734.73	19.64
27 11 16 00-0135		**Accessories For Vertical Cable Managers** *(27 11 16 00-0108)*		
27 11 16 00-0136	EA	Cable Ring Kit For 3.6" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-716)	122.78	13.10
27 11 16 00-0137	EA	Cable Ring Kit For 3.6" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-717)	130.51	13.10
27 11 16 00-0138	EA	Cable Ring Kit For 3.6" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-718)	138.23	13.10
27 11 16 00-0139	EA	Cable Ring Kit For 6" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-726)	126.64	13.10
27 11 16 00-0140	EA	Cable Ring Kit For 6" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-727)	138.23	13.10
27 11 16 00-0141	EA	Cable Ring Kit For 6" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-728)	149.82	13.10
27 11 16 00-0142	EA	Cable Ring Kit For 10" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-746)	142.10	13.10
27 11 16 00-0143	EA	Cable Ring Kit For 10" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-747)	153.69	13.10
27 11 16 00-0144	EA	Cable Ring Kit For 10" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-748)	165.28	13.10
27 11 16 00-0145	EA	Cable Ring Kit For 12" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-756)	149.82	13.10
27 11 16 00-0146	EA	Cable Ring Kit For 12" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-757)	165.28	13.10
27 11 16 00-0147	EA	Cable Ring Kit For 12" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-758)	176.87	13.10
27 11 16 00-0148	EA	Cable Lashing Bar Kit For Vertical Cable Managers (Chatsworth 13928-001)	103.46	13.10
27 11 16 00-0149	EA	Cable Spool Kit For Vertical Cable Managers (Chatsworth 13935-701)	118.92	13.10
27 11 16 00-0150	EA	Cable Distribution Spools For Vertical Cable Managers (Chatsworth 15008-001)	124.13	13.10
27 11 16 00-0151	EA	Cable Distribution Spool Spacer Kit For Vertical Cable Managers (Chatsworth 35505-001)	80.28	13.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

27 11 19 Communications Termination Blocks and Patch Panels *(27 11)*

Note: The terminating, testing, and labeling of the cables in question should be done according to the task description as well as the current contract specifications. See CSI section 26 05 53 00-0020 for labeling.

27 11 19 00-0001 Computer Network Components *(27 11 19)*

27 11 19 00-0002 Ethernet Patch Panels *(27 11 19 00-0001)*

27 11 19 00-0003	EA	12 Port, Category 5E Patch Panel	256.44	65.48
27 11 19 00-0004	EA	24 Port, Category 5E Patch Panel	363.50	65.48
27 11 19 00-0005	EA	32 Port, Category 5E Patch Panel	464.80	65.48
27 11 19 00-0006	EA	48 Port, Category 5E Patch Panel	559.20	65.48
27 11 19 00-0007	EA	64 Port, Category 5E Patch Panel	872.82	81.85
27 11 19 00-0008	EA	96 Port, Category 5E Patch Panel	1,020.68	98.22
27 11 19 00-0009	EA	12 Port, Category 6 Patch Panel	339.55	65.48
27 11 19 00-0010	EA	24 Port, Category 6 Patch Panel	370.40	65.48
27 11 19 00-0011	EA	48 Port, Category 6 Patch Panel	609.85	65.48
27 11 19 00-0012	EA	96 Port, Category 6 Patch Panel	1,117.38	98.22
27 11 19 00-0013	EA	16" x 12" x 8" Steel Enclosure, Type 12, Hinged, Lockable (Hoffman A161208LP)	820.82	98.22
27 11 19 00-0014	EA	16" x 16" x 6" Steel Enclosure, Type 12, Hinged, Lockable (Hoffman A161606LP)	862.90	98.22
27 11 19 00-0015	EA	12 Port, Category 6 Modular to 110 Mini Patch Panel (Ortronics-Legrand OR-PMP61289)	290.76	65.48
27 11 19 00-0016	EA	Terminate One End Of A 4 Pair Cable To Category "X" Specifications	46.40	
		For >5 To 10 Cables, Deduct	*-8.35*	
		For >10 Cables, Deduct	*-18.56*	
27 11 19 00-0017	EA	Terminate One End Of A Twisted Pair Of Wires Note: Per each pair	12.76	
		For >20 To 40 Pairs, Deduct	*-2.04*	
		For >40 Pairs, Deduct	*-4.85*	

27 11 19 00-0018 Fiber Optic Cable Patch Panels And Enclosures *(27 11 19 00-0001)*

27 11 19 00-0019 Fiber Optic Cable Connector Housings *(27 11 19 00-0018)*

27 11 19 00-0020 Wall Mount, Fiber Optic Cable Connector Housings *(27 11 19 00-0019)*

Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.

27 11 19 00-0021	EA	1-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	141.17	29.47
27 11 19 00-0022	EA	2-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	205.18	29.47
27 11 19 00-0023	EA	4-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	299.88	29.47
27 11 19 00-0024	EA	6-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	444.63	49.11
27 11 19 00-0025	EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	613.23	49.11

27 11 19 00-0026 Rack Mount, Fiber Optic Cable Connector Housings *(27 11 19 00-0019)*

Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.

27 11 19 00-0027	EA	2-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	470.51	49.11
27 11 19 00-0028	EA	4-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	526.19	49.11
27 11 19 00-0029	EA	6-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	565.51	49.11
27 11 19 00-0030	EA	12-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	660.52	49.11

27 11 19 00-0031 Rack Mount, Fiber Optic Cable Pretium® Connector Housings *(27 11 19 00-0019)*

Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.

27 11 19 00-0032	EA	2-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing	572.08	49.11
		For Splice Tray Bracket, Add	*84.85*	
27 11 19 00-0033	EA	4-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing	667.70	49.11
		For Splice Tray Bracket, Add	*92.78*	
27 11 19 00-0034	EA	12-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing	828.85	49.11
		For Splice Tray Bracket, Add	*338.02*	

27 11 19 00-0035 Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housings *(27 11 19 00-0019)*

Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.

27 11 19 00-0036	EA	8 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	988.29	49.11
27 11 19 00-0037	EA	12 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	1,269.58	49.11
27 11 19 00-0038	EA	24 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	1,440.09	49.11
27 11 19 00-0039	EA	48 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	1,874.97	49.11

27 11 19 00-0040 Wall Mount, Fiber Optic Cable Industrial Connector Housings *(27 11 19 00-0019)*

Note: Includes powder-coat finish, pad lockable outer door and mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.

27 11 19 00-0041	EA	2-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing	640.50	29.47
27 11 19 00-0042	EA	6-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing	888.44	49.11
27 11 19 00-0043	EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing	931.61	49.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 19 00-0044		**Wall Mount, Fiber Optic Cable Environmental Connector Housings** *(27 11 19 00-0019)* Note: Includes NEMA 4X enclosure, pad lockable outer door and mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.		
27 11 19 00-0045	EA	2-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing	670.33	29.47
27 11 19 00-0046	EA	6-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing	887.91	49.11
27 11 19 00-0047	EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing	1,040.65	49.11
27 11 19 00-0048		**Fiber Optic Cable Connector Panels** *(27 11 19 00-0018)*		
27 11 19 00-0049		**SC Simplex, Fiber Optic Cable Connector Panels** *(27 11 19 00-0048)*		
27 11 19 00-0050	EA	6-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel	88.89	6.54
27 11 19 00-0051	EA	6-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel	96.30	6.54
27 11 19 00-0052	EA	8-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel	107.80	6.54
27 11 19 00-0053	EA	8-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel	117.68	6.54
27 11 19 00-0054	EA	12-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel	145.66	6.54
27 11 19 00-0055	EA	12-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel	160.43	6.54
27 11 19 00-0056		**SC Duplex, Fiber Optic Cable Connector Panels** *(27 11 19 00-0048)*		
27 11 19 00-0057	EA	6-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel	85.62	6.54
27 11 19 00-0058	EA	6-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel	87.36	6.54
27 11 19 00-0059	EA	8-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel	103.46	6.54
27 11 19 00-0060	EA	8-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel	105.78	6.54
27 11 19 00-0061	EA	12-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel	139.14	6.54
27 11 19 00-0062	EA	12-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel	142.58	6.54
27 11 19 00-0063		**LC Duplex, Fiber Optic Cable Connector Panels** *(27 11 19 00-0048)*		
27 11 19 00-0064	EA	6-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	126.02	6.54
27 11 19 00-0065	EA	6-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	138.46	6.54
27 11 19 00-0066	EA	8-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	154.59	6.54
27 11 19 00-0067	EA	8-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	171.20	6.54
27 11 19 00-0068	EA	12-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	152.48	6.54
27 11 19 00-0069	EA	12-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	169.92	6.54
27 11 19 00-0070	EA	16-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	269.00	6.54
27 11 19 00-0071	EA	16-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	302.15	6.54
27 11 19 00-0072	EA	24-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	383.36	6.54
27 11 19 00-0073	EA	24-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	280.91	6.54
27 11 19 00-0074		**ST Simplex, Fiber Optic Cable Connector Panels** *(27 11 19 00-0048)*		
27 11 19 00-0075	EA	6-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel	74.22	6.54
27 11 19 00-0076	EA	6-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel	79.83	6.54
27 11 19 00-0077	EA	8-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel	88.25	6.54
27 11 19 00-0078	EA	8-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel	95.73	6.54
27 11 19 00-0079	EA	12-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel	116.29	6.54
27 11 19 00-0080	EA	12-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel	127.52	6.54
27 11 19 00-0081		**MT-RJ, Fiber Optic Cable Connector Panels** *(27 11 19 00-0048)*		
27 11 19 00-0082	EA	12-Fiber, Multimode, MT-RJ, Fiber Optic Cable Connector Panel	91.78	6.54
27 11 19 00-0083	EA	12-Fiber, Singlemode, MT-RJ, Fiber Optic Cable Connector Panel	136.35	6.54
27 11 19 00-0084		**Fiber Optic Cable Pretium Edge® Modules** *(27 11 19 00-0048)*		
27 11 19 00-0085	EA	12-Fiber, Singlemode, LC Duplex To MTP, Fiber Optic Cable Pretium Edge® Module	1,100.50	6.54
27 11 19 00-0086	EA	12-Fiber, Multimode, LC Duplex To MTP, Fiber Optic Cable Pretium Edge® Module	1,104.33	6.54
27 11 19 00-0087		**Fiber Optic Cable Splice Housings** *(27 11 19 00-0018)*		
27 11 19 00-0088		**Wall Mount, Fiber Optic Cable Splice Housings** *(27 11 19 00-0087)* Note: Includes mounting hardware. Excludes splice trays.		
27 11 19 00-0089	EA	12 Splice Tray Capacity, Wall Mount, Fiber Optic Splice Housing With Locking Door	414.25	65.48
27 11 19 00-0090		**Rack Mount, Fiber Optic Cable Splice Housings** *(27 11 19 00-0087)* Note: Includes mounting hardware. Excludes splice trays.		
27 11 19 00-0091	EA	12 Splice Tray Capacity, Rack Mount, Fiber Optic Cable Splice Housing	621.43	49.11
27 11 19 00-0092	EA	22 Splice Tray Capacity, Rack Mount, Fiber Optic Cable Splice Housing	650.84	49.11
27 11 19 00-0093		**Fiber Optic Cable Splice Trays** *(27 11 19 00-0087)*		
27 11 19 00-0094	EA	Fiber Optic Cable Splice Tray	119.43	16.37
27 11 19 00-0095		**Fiber Optic Cable Jumper Management Panels** *(27 11 19 00-0018)* Note: Includes mounting hardware.		
27 11 19 00-0096	EA	Rack Mount, Fiber Optic Cable Jumper Management Panel	224.87	49.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 19 00-0097		**Miscellaneous Accessories** *(27 11 19 00-0001)*		
27 11 19 00-0098	EA	Wall Mount Bracket For 12 Or 24 Port Patch Panel	66.42	
27 11 19 00-0099	EA	Wall Mount Bracket For 32 Or 48 Port Patch Panel	87.58	
27 11 19 00-0100	EA	Wall Mount Bracket For 64 Or 72 Port Patch Panel	96.23	
27 11 19 00-0101	EA	Wall Mount Bracket For 96 Port Patch Panel	107.52	
27 11 19 00-0102	EA	Lightning Protection Plus Stainless Steel Modules, Siemon	561.51	65.48
27 11 19 00-0103		**Telephone Components** *(27 11 19)*		
27 11 19 00-0104		**Terminal Blocks With Wide Range Of 22-8 AWG** *(27 11 19 00-0103)*		
27 11 19 00-0105	EA	Terminal Block, Circuit Isolation Switch With Wire Range 22-8 AWG	38.69	13.12
27 11 19 00-0106	EA	Terminal Block, Fuse Holder 600 Volt, 6.3 Amperes With Wire Range 22-8 AWG	74.02	13.12
27 11 19 00-0107	EA	Terminal Block, Fuse Holder 600 Volt, 10 Amperes With Wire Range 22-8 AWG	59.56	13.12
27 11 19 00-0108	EA	Terminal Block, Solderless Box With Lugs And Wire Range 22-8 AWG	29.78	13.12
27 11 19 00-0109	EA	Flat Terminal Block Connection With Wire Range 22-8 AWG	21.11	9.18
27 11 19 00-0110	EA	Ground Terminal Block With Wire Range 22-8 AWG	40.22	13.12
27 11 19 00-0111	EA	Terminal Block, Solderless Box With Lug 600 Volt, 60 Amperes With Wire Range 22-8 AWG	29.78	13.12
27 11 19 00-0112	EA	Terminal Block, Mini Box Lug 300 Volt, 30 Amperes With Wire Range 22-8 AWG	20.89	9.18
27 11 19 00-0113	EA	Flat Terminal Block Connection 300 Volt, 20 Amperes With Wire Range 22-8 AWG	20.73	9.18
27 11 19 00-0114	EA	Self Lifting Terminal Block, 300 Volt, 40 Amperes, Wire Connection With Wire Range 22-12 AWG	21.43	9.18
27 11 19 00-0115		**Terminal Block Mounting Channel** *(27 11 19 00-0103)*		
27 11 19 00-0116	EA	Terminal Block Mounting Channel, .5 M Galvanized Steel	20.46	6.55
27 11 19 00-0117	EA	Terminal Block Mounting Channel, 1 M Galvanized Steel	26.42	6.55
27 11 19 00-0118	EA	Terminal Block Mounting Channel, 2 M Galvanized Steel	36.89	6.55
27 11 19 00-0119	EA	Terminal Block Mounting Channel, .5 M Bi-Chrome Zinc	26.22	7.87
27 11 19 00-0120	EA	Terminal Block Mounting Channel, 1 M Bi-Chrome Zinc	36.12	7.87
27 11 19 00-0121	EA	Terminal Block Mounting Channel, 2 M Bi-Chrome Zinc	52.47	7.87
27 11 19 00-0122		**Outlet Termination Hardware** *(27 11 19 00-0103)*		
27 11 19 00-0123	EA	Telephone Outlet Blocks	39.61	6.55
27 11 19 00-0124	EA	Phone Outlet Block For Floor Box Note: Excludes box.	110.15	49.76
27 11 19 00-0125	EA	Fiber Optic "SC" Type Modular Bulkhead	97.23	29.47
27 11 19 00-0126	EA	Fiber Optic "ST" Type Modular Bulkhead	97.23	29.47
27 11 19 00-0127	EA	Type "F" Coaxial Connector Male	56.84	19.64
27 11 19 00-0128	EA	Modular Plate For 3-RJ-45, 4 - "SC" And 1 -"F" Connector	146.86	32.74
27 11 19 00-0129	EA	Modular Plate For 3-RJ-45, 4 - "ST" And 1 -"F" Connector	146.86	32.74
27 11 19 00-0130	EA	Access Floor Box With 3-RJ-45, 4 - "SC" And 1 -"F" Connector	177.18	32.74
27 11 19 00-0131	EA	Access Floor Box With 3-RJ-45, 4 - "ST" And 1 -"F" Connector	177.18	32.74
27 11 19 00-0132	EA	Access Floor Box With 2-RJ-45, 4 - "SC" And 1 -25 Pin Connector	161.22	32.74
27 11 19 00-0133	EA	Terminal Type - Punch Down Block 110 Type - 300 Pair Category 5	1,399.72	163.70
27 11 19 00-0134	EA	Wiring (Punch Down) Block with Stand-Off Legs, 100 Pair, Category V Note: Excludes cable terminations.	68.69	13.10
27 11 19 00-0135	EA	5-Pair, Connecting Block	4.10	1.31
27 11 19 00-0136	EA	4-Pair, Connecting Block	4.44	1.31
27 11 19 00-0137	EA	Plastic Label Holder, Transparent	16.65	3.28
27 11 19 00-0138	EA	Marked Label, White, 5-Pair	4.51	
27 11 19 00-0139	EA	Marked Label, Blue, 4-Pair	4.51	
27 11 19 00-0140		**Terminations in Manhole or Junction Box** *(27 11 19 00-0103)*		
27 11 19 00-0141	EA	25 Pair Cable Termination In Manhole Or Junction Box	209.54	
27 11 19 00-0142	EA	50 Pair Cable Termination In Manhole Or Junction Box	419.08	
27 11 19 00-0143	EA	100 Pair Cable Termination In Manhole Or Junction Box	838.14	
27 11 19 00-0144	EA	150 Pair Cable Termination In Manhole Or Junction Box	1,257.22	
27 11 19 00-0145	EA	200 Pair Cable Termination In Manhole Or Junction Box	1,470.69	
27 11 19 00-0146	EA	300 Pair Cable Termination In Manhole Or Junction Box	2,205.37	
27 11 19 00-0147	EA	400 Pair Cable Termination In Manhole Or Junction Box	2,773.73	
27 11 19 00-0148	EA	500 Pair Cable Termination In Manhole Or Junction Box	3,467.82	
27 11 19 00-0149	EA	750 Pair Cable Termination In Manhole Or Junction Box	5,201.71	
27 11 19 00-0150	EA	1,000 Pair Cable Termination In Manhole Or Junction Box	6,308.31	
27 11 19 00-0151	EA	1,200 Pair Cable Termination In Manhole Or Junction Box	7,189.78	
27 11 23		**Communications Cable Management and Ladder Rack** *(27 11)*		
27 11 23 00-0001		**Equipment Supports** *(27 11 23)*		
27 11 23 00-0002	EA	12" x 5'-11" Tubular Runway	132.12	31.43
27 11 23 00-0003	EA	12" x 9'-11" Tubular Runway	227.74	52.39
27 11 23 00-0004	EA	Shelf Bracket Support For Tubular Runway	41.81	9.82
27 11 23 00-0005	EA	Straight Clamp Hardware For Tubular Runway	17.68	6.54
27 11 23 00-0006	EA	Corner Clamp Hardware For Tubular Runway	18.82	6.54
27 11 23 00-0007	EA	90 Degree Edge Clamp Hardware For Tubular Runway	43.46	11.78
27 11 23 00-0008	EA	Wall Angle Assembly Hardware For 12" Wide Tubular Runway	93.03	19.64
27 11 23 00-0009	EA	J-Bolt Hardware For Tubular Runway	8.38	2.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 23 00-0010	EA	T Bracket Hardware For Tubular Runway	47.50	16.37
27 11 23 00-0011	EA	110 Jumper Trough (Commscope 107831133)	36.30	6.54
27 11 23 00-0012	LF	Velcro CMP	3.25	1.31

27 13 Communications Backbone Cabling *(27 10)*

27 13 13 Communications Copper Backbone Cabling *(27 13)*

27 13 13 13 Communications Copper Cable Splicing and Terminations *(27 13 13)*

27 13 13 13-0001 Building Entrance Terminals *(27 13 13 13)*

27 13 13 13-0002	EA	25 Pair Gas Protective Unit Assembly Complete With Gas Protector	2,984.37	287.16
27 13 13 13-0003	EA	50 Pair Gas Protective Unit Assembly Complete With Gas Protector	3,954.38	478.61
27 13 13 13-0004	EA	100 Pair Gas Protective Unit Assembly Complete With Gas Protector	5,570.25	766.37

27 13 13 13-0005 Modular Plugs For Copper Communications Cable *(27 13 13 13)*

27 13 13 13-0006	EA	Modular Plug For Non Shielded Copper Communications Cable Note: Up to 8-position/8-contact non-shielded modular plug for solid or stranded wire. Includes termination.	32.70	
		For >10, Deduct	*-7.84*	
		For >5 To 10, Deduct	*-3.92*	
27 13 13 13-0007	EA	Modular Plug For Shielded Copper Communications Cable Note: Up to 8-position/8-contact shielded modular plug for solid or stranded wire. Includes termination.	37.37	
		For >10, Deduct	*-8.82*	
		For >5 To 10, Deduct	*-4.41*	

27 13 13 13-0008 Testing And Certification Of Copper Communications Cable *(27 13 13 13)*

Note: Use for existing systems.

27 13 13 13-0009	EA	Test 1-Pair Of A Copper Communications Cable For Continuity	6.54	
		For >25-Pair, Deduct	*-2.61*	
27 13 13 13-0010	EA	Certify 1-Pair Of A Copper Communications Cable	9.82	
		For >25-Pair, Deduct	*-3.92*	
27 13 13 13-0011	EA	Certify And Document 1-Pair Of A Copper Communications Cable	15.71	
		For >25-Pair, Deduct	*-6.27*	
27 13 13 13-0012	EA	Test 4-Pair Category 5-7 Telecommunications Cable For Continuity	26.19	
		For >25-Pair, Deduct	*-10.46*	
27 13 13 13-0013	EA	Certify 4-Pair Category 5-7 Telecommunications Cable	39.29	
		For >25-Pair, Deduct	*-15.68*	
27 13 13 13-0014	EA	Certify And Document 4-Pair Category 5-7 Telecommunications Cable	62.86	
		For >25-Pair, Deduct	*-25.09*	

27 13 13 13-0015 Communications Termination Blocks *(27 13 13 13)*

27 13 13 13-0016	EA	100-Pair, 110 Block With Legs	65.64	16.37
27 13 13 13-0017	EA	300-Pair, 110 Block With Legs	113.49	16.37
27 13 13 13-0018	EA	Clear Label Holder For 110 Wiring Block	14.03	6.54
27 13 13 13-0019	EA	4-Pair, 110C Connecting Block	7.99	3.28
27 13 13 13-0020	EA	5-Pair, 110C Connecting Block	8.16	3.28
27 13 13 13-0021	EA	100-Pair, 110 Jack Panel System Note: Includes twelve 8-pin modular jacks and mounting legs.	368.99	19.64
27 13 13 13-0022	EA	300-Pair, 110 Jack Panel System Note: Includes twelve 8-pin modular jacks and mounting legs.	589.16	19.64

27 13 23 Communications Optical Fiber Backbone Cabling *(27 13)*

27 13 23 13 Communications Optical Fiber Splicing and Terminations *(27 13 23)*

27 13 23 13-0001 Fiber Optic Cable Connectors *(27 13 23 13)*

27 13 23 13-0002	EA	ST Connector For Multimode Fiber Optic Cable	39.61	
27 13 23 13-0003	EA	ST Connector For Singlemode Fiber Optic Cable	46.28	
27 13 23 13-0004	EA	SC Connector For Multimode Fiber Optic Cable	44.55	
27 13 23 13-0005	EA	SC Connector For Singlemode Fiber Optic Cable	53.06	
27 13 23 13-0006	EA	LC Connector For Multimode Fiber Optic Cable	61.34	
27 13 23 13-0007	EA	LC Connector For Singlemode Fiber Optic Cable	63.33	
27 13 23 13-0008	EA	MT-RJ Connector For Multimode Fiber Optic Cable	94.06	

27 13 23 13-0009 Fiber Optic Cable Fan Out Kits *(27 13 23 13)*

27 13 23 13-0010 Buffer Tube Fan Out Kits For Fiber Optic Cable *(27 13 23 13-0009)*

27 13 23 13-0011	EA	6-Fiber, Indoor Buffer Tube Fan Out Kit For Fiber Optic Cable	284.67	
27 13 23 13-0012	EA	12-Fiber, Indoor Buffer Tube Fan Out Kit For Fiber Optic Cable	289.01	
27 13 23 13-0013	EA	6-Fiber, Outdoor Buffer Tube Fan Out Kit For Fiber Optic Cable	325.71	
27 13 23 13-0014	EA	12-Fiber, Outdoor Buffer Tube Fan Out Kit For Fiber Optic Cable	353.24	

27 13 23 13-0015 Spider Fan Out Kits For Fiber Optic Cable *(27 13 23 13-0009)*

Note: For tight buffered or loose tube non-armored cables. Includes aramid yarn strength member, outer protective PVDF jacket and one meter fan out lengths.

27 13 23 13-0016	EA	6-Fiber, Spider Fan Out Kit For Fiber Optic Cable	338.20	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 13 23 13-0017	EA	12-Fiber, Spider Fan Out Kit For Fiber Optic Cable	367.36	
27 13 23 13-0018	EA	18-Fiber, Spider Fan Out Kit For Fiber Optic Cable	536.45	
27 13 23 13-0019	EA	24-Fiber, Spider Fan Out Kit For Fiber Optic Cable	696.58	
27 13 23 13-0020		**Fiber Optic Cable Splice Closures** *(27 13 23 13)*		
		Note: Includes mounting hardware. Excludes splicing and splice trays.		
27 13 23 13-0021	EA	Up To 144-Fiber Capacity, Pedestal Fiber Optic Cable Splice Closure	1,042.09	130.96
27 13 23 13-0022	EA	Up To 144-Fiber Capacity, Underground Fiber Optic Cable Splice Closure	1,304.01	261.92
27 13 23 13-0023	EA	Up To 144-Fiber Capacity, Aerial Fiber Optic Cable Splice Closure	1,304.01	261.92
27 13 23 13-0024	EA	Up To 288-Fiber Capacity, Pedestal Fiber Optic Cable Splice Closure	1,748.01	130.96
27 13 23 13-0025	EA	Up To 288-Fiber Capacity, Underground Fiber Optic Cable Splice Closure	2,009.93	261.92
27 13 23 13-0026	EA	Up To 288-Fiber Capacity, Aerial Fiber Optic Cable Splice Closure	2,009.93	261.92
27 13 23 13-0027	EA	Splice Tray For Fiber Optic Cable Splice Closure	72.07	16.37
		Note: Up to 12-fiber, mechanical or fusion splice tray. Excludes splice.		
27 13 23 13-0028		**Fiber Optic Cable Testing** *(27 13 23 13)*		
		Note: Price based on testing one wavelength.		
27 13 23 13-0029		**Fiber Optic Cable Testing Using An OTDR** *(27 13 23 13-0028)*		
		Note: Testing using an optical time domain reflectometer.		
27 13 23 13-0030	EA	Test 1-Strand Of Fiber Optic Cable Using A Single Directional OTDR Test	26.19	
		For >12 To 48 Strands, Deduct	*-1.96*	
		For >48 Strands, Deduct	*-2.62*	
27 13 23 13-0031	EA	Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional OTDR Test	39.29	
		For >12 To 48 Strands, Deduct	*-2.95*	
		For >48 Strands, Deduct	*-3.93*	
27 13 23 13-0032	EA	Test 1-Strand Of Fiber Optic Cable Using A Single Directional OTDR Test With Documentation	65.48	
		For >12 To 48 Strands, Deduct	*-4.91*	
		For >48 Strands, Deduct	*-6.55*	
27 13 23 13-0033	EA	Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional OTDR Test With Documentation	98.22	
		For >12 To 48 Strands, Deduct	*-7.37*	
		For >48 Strands, Deduct	*-9.82*	
27 13 23 13-0034		**Fiber Optic Cable Testing Using A Power Meter** *(27 13 23 13-0028)*		
27 13 23 13-0035	EA	Test 1-Strand Of Fiber Optic Cable Using A Single Directional Power Meter Test	26.19	
		For >12 To 48 Strands, Deduct	*-1.96*	
		For >48 Strands, Deduct	*-2.62*	
27 13 23 13-0036	EA	Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional Power Meter Test	39.29	
		For >12 To 48 Strands, Deduct	*-2.95*	
		For >48 Strands, Deduct	*-3.93*	
27 13 23 13-0037		**Fiber Optic Cable Light Source/Continuity Testing** *(27 13 23 13-0028)*		
27 13 23 13-0038	EA	Test 1-Strand Of Fiber Optic Cable Using A Light Source/Continuity Test	26.19	
		For >12 To 48 Strands, Deduct	*-1.96*	
		For >48 Strands, Deduct	*-2.62*	
27 13 23 13-0039		**Fiber Optic Cable Splicing** *(27 13 23 13)*		
27 13 23 13-0040	EA	Single Strand, Fusion Splice Of Fiber Optic Cable	39.29	
27 13 23 13-0041	EA	12-Strand Ribbon, Fusion Splice Of Fiber Optic Cable	130.96	
27 13 23 13-0042		**Other Fiber Optic Cable Splicing** *(27 13 23 13)*		
27 13 23 13-0043	EA	Fiber Optic Finger Splice	49.92	24.62
27 13 23 13-0044	EA	Fiber Optic Splice Box - Manholes	9,514.98	

27 15 Communications Horizontal Cabling *(27 10)*

27 15 01 Communications Horizontal Cabling Applications *(27 15)*

27 15 01 13 Video Surveillance Communications Conductors and Cables *(27 15 01)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables.

27 15 01 15 Access Control Communications Conductors and Cables *(27 15 01)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables.

27 15 01 16 Voice Communications Horizontal Cabling *(27 15 01)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

27 15 01 17 Intrusion Detection Communications Conductors and Cables *(27 15 01)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables, 27 15 01 19-0000 for Type FPLP Cable.

27 15 01 19 Fire Alarm Communications Conductors and Cables *(27 15 01)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.

27 15 01 19-0001 Fire Alarm/Life Safety Cable *(27 15 01 19)*

27 15 01 19-0002 Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable *(27 15 01 19-0001)*

27 15 01 19-0003 Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(27 15 01 19-0002)*

27 15 01 19-0004	MLF	1-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,078.36	891.05
27 15 01 19-0005	MLF	2-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,525.45	923.27
27 15 01 19-0006	MLF	1-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,369.43	1,012.85
27 15 01 19-0007	MLF	2-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	3,079.73	1,049.00
27 15 01 19-0008	MLF	1-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,717.53	1,133.86
27 15 01 19-0009	MLF	2-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	3,727.55	1,174.71
27 15 01 19-0010	MLF	1-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	3,456.74	1,296.51
27 15 01 19-0011	MLF	2-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	5,023.31	1,342.74

27 15 01 19-0012 Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed *(27 15 01 19-0002)*

27 15 01 19-0013	MLF	1-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,563.46	1,782.38
27 15 01 19-0014	MLF	2-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,064.23	1,846.54
27 15 01 19-0015	MLF	1-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,057.51	2,025.95
27 15 01 19-0016	MLF	2-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,828.04	2,097.98
27 15 01 19-0017	MLF	1-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,607.29	2,268.23
27 15 01 19-0018	MLF	2-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	5,685.41	2,349.43
27 15 01 19-0019	MLF	1-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	5,617.58	2,593.01
27 15 01 19-0020	MLF	2-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	7,261.42	2,686.00

27 15 01 19-0021 Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(27 15 01 19-0001)*

27 15 01 19-0022	MLF	2 Conductors, #22 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,344.37	729.19
27 15 01 19-0023	MLF	4 Conductors, #22 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,448.56	755.11
27 15 01 19-0024	MLF	2 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,636.11	891.05
27 15 01 19-0025	MLF	3 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,738.25	907.17
27 15 01 19-0026	MLF	4 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,801.11	923.27
27 15 01 19-0027	MLF	6 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,001.02	955.48
27 15 01 19-0028	MLF	8 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,285.68	987.70
27 15 01 19-0029	MLF	2 Conductors, #16 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,904.63	1,012.85
27 15 01 19-0030	MLF	4 Conductors, #16 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,127.86	1,049.00
27 15 01 19-0031	MLF	2 Conductors, #14 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,200.10	1,133.86
27 15 01 19-0032	MLF	4 Conductors, #14 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,546.35	1,174.71
27 15 01 19-0033	MLF	2 Conductors, #12 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,671.36	1,296.51
27 15 01 19-0034	MLF	4 Conductors, #12 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	3,226.69	1,342.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 01 19-0035		Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable *(27 15 01 19-0001)*		
27 15 01 19-0036		Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(27 15 01 19-0035)*		
27 15 01 19-0037	MLF	2/c #22 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,334.21	729.19
27 15 01 19-0038	MLF	2/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,629.51	891.05
27 15 01 19-0039	MLF	3/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,802.02	907.17
27 15 01 19-0040	MLF	4/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,818.77	923.27
27 15 01 19-0041	MLF	6/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,093.18	955.48
27 15 01 19-0042	MLF	2/c #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,894.66	1,012.85
27 15 01 19-0043	MLF	4/c #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,150.23	1,049.00
27 15 01 19-0044	MLF	2/c #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,155.23	1,133.86
27 15 01 19-0045	MLF	4/c #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,724.71	1,174.71
27 15 01 19-0046	MLF	2/c #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,656.69	1,296.51
27 15 01 19-0047	MLF	4/c #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	3,497.46	1,342.74
27 15 01 19-0048		Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed *(27 15 01 19-0035)*		
27 15 01 19-0049	MLF	2/c #22 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,549.51	1,458.89
27 15 01 19-0050	MLF	2/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,114.61	1,782.38
27 15 01 19-0051	MLF	3/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,313.31	1,813.80
27 15 01 19-0052	MLF	4/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,357.55	1,846.54
27 15 01 19-0053	MLF	6 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,685.66	1,910.71
27 15 01 19-0054	MLF	2 Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,582.74	2,025.95
27 15 01 19-0055	MLF	4/c #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,898.54	2,097.98
27 15 01 19-0056	MLF	2 Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,044.99	2,268.23
27 15 01 19-0057	MLF	4 Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,682.57	2,349.43
27 15 01 19-0058	MLF	2 Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,817.53	2,593.01
27 15 01 19-0059	MLF	4 Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	5,735.57	2,686.00
27 15 01 19-0060		Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable *(27 15 01 19-0001)*		
27 15 01 19-0061		Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(27 15 01 19-0060)*		
27 15 01 19-0062	MLF	2 Conductors, #22 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,376.02	729.19
27 15 01 19-0063	MLF	2 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,659.36	891.05
27 15 01 19-0064	MLF	3 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,912.85	907.17
27 15 01 19-0065	MLF	4 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,849.32	923.27
27 15 01 19-0066	MLF	6 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,124.42	955.48
27 15 01 19-0067	MLF	2 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,963.27	1,012.85
27 15 01 19-0068	MLF	4 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,181.97	1,049.00
27 15 01 19-0069	MLF	2 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,303.22	1,133.86
27 15 01 19-0070	MLF	4 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,650.50	1,174.71
27 15 01 19-0071	MLF	2 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,766.20	1,296.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 01 19-0072	MLF	4 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	3,272.15	1,342.74
27 15 01 19-0073		**Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed** *(27 15 01 19-0060)*		
27 15 01 19-0074	MLF	2 Conductors, #22 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,591.32	1,458.89
27 15 01 19-0075	MLF	2 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,144.46	1,782.38
27 15 01 19-0076	MLF	3 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,424.14	1,813.80
27 15 01 19-0077	MLF	4 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,388.10	1,846.54
27 15 01 19-0078	MLF	6 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,716.90	1,910.71
27 15 01 19-0079	MLF	2/c #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,651.35	2,025.95
27 15 01 19-0080	MLF	4/c #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,930.28	2,097.98
27 15 01 19-0081	MLF	2/c #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,192.98	2,268.23
27 15 01 19-0082	MLF	4 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,608.36	2,349.43
27 15 01 19-0083	MLF	2 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,927.04	2,593.01
27 15 01 19-0084	MLF	4 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	5,510.26	2,686.00
27 15 01 19-0085		**Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable** *(27 15 01 19-0001)*		
27 15 01 19-0086		**Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit** *(27 15 01 19-0085)*		
27 15 01 19-0087	MLF	2 Conductors, #22 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,340.25	729.19
27 15 01 19-0088	MLF	2 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,682.67	891.05
27 15 01 19-0089	MLF	3 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,807.38	907.17
27 15 01 19-0090	MLF	4 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,912.54	923.27
27 15 01 19-0091	MLF	6 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,142.40	955.48
27 15 01 19-0092	MLF	2 Conductors, #16 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,938.65	1,012.85
27 15 01 19-0093	MLF	4 Conductors, #16 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,251.58	1,049.00
27 15 01 19-0094	MLF	2 Conductors, #14 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,261.58	1,133.86
27 15 01 19-0095	MLF	4 Conductors, #14 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,819.94	1,174.71
27 15 01 19-0096	MLF	2 Conductors, #12 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,708.84	1,296.51
27 15 01 19-0097		**Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed** *(27 15 01 19-0085)*		
27 15 01 19-0098	MLF	2 Conductors, #22 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,555.55	1,458.89
27 15 01 19-0099	MLF	2 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,167.77	1,782.38
27 15 01 19-0100	MLF	3 Conductors, #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,318.67	1,813.80
27 15 01 19-0101	MLF	4 Conductors, #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,451.32	1,846.54
27 15 01 19-0102	MLF	6 Conductors, #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,734.88	1,910.71
27 15 01 19-0103	MLF	2 Conductors, #16 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,626.73	2,025.95
27 15 01 19-0104	MLF	4 Conductors, #16 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,999.89	2,097.98
27 15 01 19-0105	MLF	2 Conductors, #14 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,151.34	2,268.23
27 15 01 19-0106	MLF	4 Conductors, #14 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,777.80	2,349.43
27 15 01 19-0107	MLF	2 Conductors, #12 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,869.68	2,593.01

27 15 13 Communications Copper Horizontal Cabling *(27 15)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.

27 15 13 00-0001 Solid Conductor Low Voltage Cable *(27 15 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0002		Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0001)*		
27 15 13 00-0003		#14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0002)*		
27 15 13 00-0004	MLF	1 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,010.18	1,036.20
		For Work In Restricted Working Space, Add	*517.98*	
27 15 13 00-0005	MLF	2 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,312.12	1,073.28
		For Work In Restricted Working Space, Add	*536.64*	
27 15 13 00-0006	MLF	3 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,580.12	1,110.38
		For Work In Restricted Working Space, Add	*555.31*	
27 15 13 00-0007	MLF	4 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,862.26	1,148.66
		For Work In Restricted Working Space, Add	*574.33*	
27 15 13 00-0008	MLF	5 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,197.25	1,226.44
		For Work In Restricted Working Space, Add	*613.10*	
27 15 13 00-0009	MLF	6 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,506.54	1,303.01
		For Work In Restricted Working Space, Add	*651.15*	
27 15 13 00-0010	MLF	8 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,835.88	1,457.37
		For Work In Restricted Working Space, Add	*728.68*	
27 15 13 00-0011	MLF	12 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,076.61	1,920.42
		For Work In Restricted Working Space, Add	*960.21*	
27 15 13 00-0012	MLF	24 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,542.54	2,836.96
		For Work In Restricted Working Space, Add	*1,418.60*	
27 15 13 00-0013		#16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0002)*		
27 15 13 00-0014	MLF	1 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,792.04	924.91
		For Work In Restricted Working Space, Add	*462.69*	
27 15 13 00-0015	MLF	2 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,998.08	958.41
		For Work In Restricted Working Space, Add	*479.21*	
27 15 13 00-0016	MLF	3 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,294.44	991.92
		For Work In Restricted Working Space, Add	*495.72*	
27 15 13 00-0017	MLF	4 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,544.49	1,025.42
		For Work In Restricted Working Space, Add	*512.95*	
27 15 13 00-0018	MLF	5 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,840.55	1,094.82
		For Work In Restricted Working Space, Add	*547.41*	
27 15 13 00-0019	MLF	6 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,114.91	1,163.02
		For Work In Restricted Working Space, Add	*581.51*	
27 15 13 00-0020	MLF	7 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,260.98	1,232.42
		For Work In Restricted Working Space, Add	*615.97*	
27 15 13 00-0021	MLF	8 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,408.25	1,301.82
		For Work In Restricted Working Space, Add	*650.79*	
27 15 13 00-0022	MLF	9 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,752.34	1,384.38
		For Work In Restricted Working Space, Add	*692.07*	
27 15 13 00-0023	MLF	12 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,509.84	1,714.62
		For Work In Restricted Working Space, Add	*857.37*	
27 15 13 00-0024	MLF	24 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,699.84	2,533.04
		For Work In Restricted Working Space, Add	*1,266.58*	
27 15 13 00-0025		#18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0002)*		
27 15 13 00-0026	MLF	1 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,533.19	814.84
		For Work In Restricted Working Space, Add	*407.06*	
27 15 13 00-0027	MLF	2 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,731.30	843.55
		For Work In Restricted Working Space, Add	*421.77*	
27 15 13 00-0028	MLF	3 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,908.31	872.27
		For Work In Restricted Working Space, Add	*436.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0029	MLF	4 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,093.38	902.18
		For Work In Restricted Working Space, Add	*451.21*	
27 15 13 00-0030	MLF	5 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,323.01	963.20
		For Work In Restricted Working Space, Add	*481.72*	
27 15 13 00-0031	MLF	6 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,536.99	1,023.02
		For Work In Restricted Working Space, Add	*511.88*	
27 15 13 00-0032	MLF	8 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,783.27	1,145.07
		For Work In Restricted Working Space, Add	*572.54*	
27 15 13 00-0033	MLF	12 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,681.51	1,508.82
		For Work In Restricted Working Space, Add	*754.53*	
27 15 13 00-0034	MLF	24 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,464.83	2,229.13
		For Work In Restricted Working Space, Add	*1,114.56*	

27 15 13 00-0035 #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0002)*

27 15 13 00-0036	MLF	1 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,369.13	740.65
		For Work In Restricted Working Space, Add	*370.09*	
27 15 13 00-0037	MLF	2 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,528.68	766.97
		For Work In Restricted Working Space, Add	*383.36*	
27 15 13 00-0038	MLF	3 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,670.55	793.90
		For Work In Restricted Working Space, Add	*396.65*	
27 15 13 00-0039	MLF	4 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,819.27	820.82
		For Work In Restricted Working Space, Add	*410.29*	
27 15 13 00-0040	MLF	5 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,010.38	875.86
		For Work In Restricted Working Space, Add	*437.75*	
27 15 13 00-0041	MLF	6 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,189.10	930.90
		For Work In Restricted Working Space, Add	*465.21*	
27 15 13 00-0042	MLF	8 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,417.02	1,040.98
		For Work In Restricted Working Space, Add	*520.49*	
27 15 13 00-0043	MLF	12 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,182.93	1,372.42
		For Work In Restricted Working Space, Add	*685.97*	
27 15 13 00-0044	MLF	24 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,722.34	2,026.91
		For Work In Restricted Working Space, Add	*1,013.33*	
27 15 13 00-0045	MLF	25 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,954.24	2,074.78
		For Work In Restricted Working Space, Add	*1,037.39*	
27 15 13 00-0046	MLF	36 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,859.80	2,415.79
		For Work In Restricted Working Space, Add	*1,207.89*	
27 15 13 00-0047	MLF	40 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,282.45	2,585.69
		For Work In Restricted Working Space, Add	*1,292.96*	
27 15 13 00-0048	MLF	50 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,619.44	3,231.82
		For Work In Restricted Working Space, Add	*1,615.66*	
27 15 13 00-0049	MLF	100 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	10,251.75	4,254.84
		For Work In Restricted Working Space, Add	*2,127.17*	

27 15 13 00-0050 #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0002)*

27 15 13 00-0051	MLF	1 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,181.27	666.47
		For Work In Restricted Working Space, Add	*333.11*	
27 15 13 00-0052	MLF	2 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,246.87	690.39
		For Work In Restricted Working Space, Add	*344.96*	
27 15 13 00-0053	MLF	3 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,323.62	714.33
		For Work In Restricted Working Space, Add	*357.16*	
27 15 13 00-0054	MLF	4 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,405.33	738.26
		For Work In Restricted Working Space, Add	*369.37*	
27 15 13 00-0055	MLF	5 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,537.15	788.51
		For Work In Restricted Working Space, Add	*394.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0056	MLF	6 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,668.28	835.17
		For Work In Restricted Working Space, Add	*417.83*	

27 15 13 00-0057 Triad *(27 15 13 00-0002)*

27 15 13 00-0058	MLF	1 Triad #16 AWG, Stranded, Low Voltage, Installed In Conduit	3,184.37	991.92
27 15 13 00-0059	MLF	4 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	4,128.80	1,372.42
27 15 13 00-0060	MLF	8 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	6,480.50	2,026.91
27 15 13 00-0061	MLF	12 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	8,098.64	2,415.79
27 15 13 00-0062	MLF	24 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	13,315.57	3,742.73
27 15 13 00-0063	MLF	36 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	15,332.18	4,254.84

27 15 13 00-0064 Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0001)*

27 15 13 00-0065 #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0064)*

27 15 13 00-0066	MLF	1 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,245.68	2,369.12
		For Work In Restricted Working Space, Add	*1,184.66*	
		For #10 AWG, Add	*887.72*	
27 15 13 00-0067	MLF	2 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,637.05	2,452.88
		For Work In Restricted Working Space, Add	*1,226.80*	
		For #10 AWG, Add	*998.61*	
27 15 13 00-0068	MLF	3 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,993.58	2,539.03
		For Work In Restricted Working Space, Add	*1,269.15*	
		For #10 AWG, Add	*1,097.92*	
27 15 13 00-0069	MLF	4 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,368.63	2,625.18
		For Work In Restricted Working Space, Add	*1,312.99*	
		For #10 AWG, Add	*1,202.69*	
27 15 13 00-0070	MLF	5 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,879.16	2,802.27
		For Work In Restricted Working Space, Add	*1,401.54*	
		For #10 AWG, Add	*1,332.79*	
27 15 13 00-0071	MLF	6 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,361.21	2,976.96
		For Work In Restricted Working Space, Add	*1,488.87*	
		For #10 AWG, Add	*1,454.02*	
27 15 13 00-0072	MLF	8 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,023.34	3,331.13
		For Work In Restricted Working Space, Add	*1,665.25*	
		For #10 AWG, Add	*1,596.09*	
27 15 13 00-0073	MLF	12 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	9,280.68	4,391.25
		For Work In Restricted Working Space, Add	*2,195.20*	
		For #10 AWG, Add	*2,111.37*	
27 15 13 00-0074	MLF	24 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	13,750.85	6,485.16
		For Work In Restricted Working Space, Add	*3,241.75*	
		For #10 AWG, Add	*3,133.02*	

27 15 13 00-0075 #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0064)*

27 15 13 00-0076	MLF	1 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,736.76	2,072.38
		For Work In Restricted Working Space, Add	*1,035.95*	
27 15 13 00-0077	MLF	2 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,100.93	2,146.57
		For Work In Restricted Working Space, Add	*1,073.28*	
27 15 13 00-0078	MLF	3 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,431.15	2,220.75
		For Work In Restricted Working Space, Add	*1,110.62*	
27 15 13 00-0079	MLF	4 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,776.70	2,297.33
		For Work In Restricted Working Space, Add	*1,148.66*	
27 15 13 00-0080	MLF	5 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,240.92	2,452.88
		For Work In Restricted Working Space, Add	*1,226.20*	
27 15 13 00-0081	MLF	6 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,677.04	2,606.03
		For Work In Restricted Working Space, Add	*1,302.30*	
27 15 13 00-0082	MLF	8 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,264.83	2,914.73
		For Work In Restricted Working Space, Add	*1,457.37*	
27 15 13 00-0083	MLF	12 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	8,277.31	3,840.85
		For Work In Restricted Working Space, Add	*1,920.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0084	MLF	24 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	12,271.21	5,673.93
		For Work In Restricted Working Space, Add	*2,837.20*	

27 15 13 00-0085 #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0064)*

27 15 13 00-0086	MLF	1 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,334.37	1,849.83
		For Work In Restricted Working Space, Add	*925.39*	
27 15 13 00-0087	MLF	2 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,595.45	1,916.84
		For Work In Restricted Working Space, Add	*958.42*	
27 15 13 00-0088	MLF	3 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,946.84	1,983.84
		For Work In Restricted Working Space, Add	*991.44*	
27 15 13 00-0089	MLF	4 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,254.32	2,050.84
		For Work In Restricted Working Space, Add	*1,025.90*	
27 15 13 00-0090	MLF	5 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,665.25	2,189.64
		For Work In Restricted Working Space, Add	*1,094.82*	
27 15 13 00-0091	MLF	6 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,053.27	2,326.05
		For Work In Restricted Working Space, Add	*1,163.02*	
27 15 13 00-0092	MLF	7 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,314.21	2,464.84
		For Work In Restricted Working Space, Add	*1,231.94*	
27 15 13 00-0093	MLF	8 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,577.55	2,603.64
		For Work In Restricted Working Space, Add	*1,301.58*	
27 15 13 00-0094	MLF	9 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,059.24	2,768.76
		For Work In Restricted Working Space, Add	*1,384.14*	
27 15 13 00-0095	MLF	12 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,367.74	3,429.24
		For Work In Restricted Working Space, Add	*1,714.74*	
27 15 13 00-0096	MLF	24 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	10,921.78	5,066.09
		For Work In Restricted Working Space, Add	*2,533.16*	

27 15 13 00-0097 #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0064)*

27 15 13 00-0098	MLF	1 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,890.05	1,629.67
		For Work In Restricted Working Space, Add	*814.12*	
27 15 13 00-0099	MLF	2 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,137.22	1,687.10
		For Work In Restricted Working Space, Add	*843.55*	
27 15 13 00-0100	MLF	3 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,363.29	1,744.53
		For Work In Restricted Working Space, Add	*872.99*	
27 15 13 00-0101	MLF	4 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,597.40	1,804.36
		For Work In Restricted Working Space, Add	*902.42*	
27 15 13 00-0102	MLF	5 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,928.75	1,926.41
		For Work In Restricted Working Space, Add	*963.44*	
27 15 13 00-0103	MLF	6 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,243.23	2,046.06
		For Work In Restricted Working Space, Add	*1,023.75*	
27 15 13 00-0104	MLF	8 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,691.72	2,290.15
		For Work In Restricted Working Space, Add	*1,145.07*	
27 15 13 00-0105	MLF	12 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,196.61	3,017.63
		For Work In Restricted Working Space, Add	*1,509.06*	
27 15 13 00-0106	MLF	24 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	9,180.02	4,458.25
		For Work In Restricted Working Space, Add	*2,229.12*	

27 15 13 00-0107 #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0064)*

27 15 13 00-0108	MLF	1 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,602.75	1,481.30
		For Work In Restricted Working Space, Add	*740.17*	
27 15 13 00-0109	MLF	2 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,806.58	1,533.95
		For Work In Restricted Working Space, Add	*766.73*	
27 15 13 00-0110	MLF	3 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,992.71	1,587.79
		For Work In Restricted Working Space, Add	*793.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0111	MLF	4 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,186.91	1,641.63
		For Work In Restricted Working Space, Add	*820.58*	
27 15 13 00-0112	MLF	5 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,469.55	1,751.72
		For Work In Restricted Working Space, Add	*875.50*	
27 15 13 00-0113	MLF	6 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,739.80	1,861.80
		For Work In Restricted Working Space, Add	*930.42*	
27 15 13 00-0114	MLF	8 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,151.99	2,081.95
		For Work In Restricted Working Space, Add	*1,040.98*	
27 15 13 00-0115	MLF	12 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,469.49	2,744.83
		For Work In Restricted Working Space, Add	*1,371.94*	
27 15 13 00-0116	MLF	24 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	8,100.12	4,053.83
		For Work In Restricted Working Space, Add	*2,026.67*	
27 15 13 00-0117	MLF	25 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	8,412.18	4,149.55
		For Work In Restricted Working Space, Add	*2,074.77*	
27 15 13 00-0118	MLF	36 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	9,886.13	4,831.57
		For Work In Restricted Working Space, Add	*2,415.79*	
27 15 13 00-0119	MLF	40 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	10,592.32	5,171.38
		For Work In Restricted Working Space, Add	*2,585.92*	
27 15 13 00-0120	MLF	50 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	13,004.97	6,463.63
		For Work In Restricted Working Space, Add	*3,231.32*	
27 15 13 00-0121	MLF	100 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	17,342.30	8,509.68
		For Work In Restricted Working Space, Add	*4,254.34*	
27 15 13 00-0122		**#22 AWG, Shielded, Low Voltage Cable, Installed Exposed** *(27 15 13 00-0064)*		
27 15 13 00-0123	MLF	1 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,291.64	1,332.93
		For Work In Restricted Working Space, Add	*666.23*	
27 15 13 00-0124	MLF	2 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,396.74	1,380.79
		For Work In Restricted Working Space, Add	*689.92*	
27 15 13 00-0125	MLF	3 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,514.17	1,428.65
		For Work In Restricted Working Space, Add	*714.33*	
27 15 13 00-0126	MLF	4 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,636.56	1,476.51
		For Work In Restricted Working Space, Add	*738.74*	
27 15 13 00-0127	MLF	5 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,850.93	1,577.02
		For Work In Restricted Working Space, Add	*788.27*	
27 15 13 00-0128	MLF	6 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,061.04	1,670.35
		For Work In Restricted Working Space, Add	*835.65*	
27 15 13 00-0129		**Triad, Installed Exposed** *(27 15 13 00-0064)*		
27 15 13 00-0130	MLF	1 Triad, #16 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	3,184.37	991.92
27 15 13 00-0131	MLF	4 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	4,128.80	1,372.42
27 15 13 00-0132	MLF	8 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	6,480.50	2,026.91
27 15 13 00-0133	MLF	12 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	8,098.64	2,415.79
27 15 13 00-0134	MLF	24 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	13,315.57	3,742.73
27 15 13 00-0135	MLF	36 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	15,332.18	4,254.84
27 15 13 00-0136		**Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit** *(27 15 13 00-0001)*		
27 15 13 00-0137		**#14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit** *(27 15 13 00-0136)*		
27 15 13 00-0138	MLF	1 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,940.72	1,036.20
		For Work In Restricted Working Space, Add	*517.98*	
27 15 13 00-0139	MLF	2 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,183.94	1,073.28
		For Work In Restricted Working Space, Add	*536.64*	
27 15 13 00-0140	MLF	3 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,401.54	1,110.38
		For Work In Restricted Working Space, Add	*555.31*	
27 15 13 00-0141	MLF	4 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,630.10	1,148.66
		For Work In Restricted Working Space, Add	*574.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0142	MLF	5 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,912.30	1,225.24
		For Work In Restricted Working Space, Add	*612.38*	
27 15 13 00-0143	MLF	6 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,178.10	1,301.82
		For Work In Restricted Working Space, Add	*650.79*	
27 15 13 00-0144	MLF	8 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,491.26	1,457.37
		For Work In Restricted Working Space, Add	*728.68*	
27 15 13 00-0145	MLF	12 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,617.12	1,920.42
		For Work In Restricted Working Space, Add	*960.21*	
27 15 13 00-0146	MLF	24 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,853.31	2,836.96
		For Work In Restricted Working Space, Add	*1,418.60*	

27 15 13 00-0147 #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0136)*

27 15 13 00-0148	MLF	1 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,730.87	924.91
		For Work In Restricted Working Space, Add	*462.69*	
27 15 13 00-0149	MLF	2 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,945.31	958.41
		For Work In Restricted Working Space, Add	*479.21*	
27 15 13 00-0150	MLF	3 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,137.18	991.92
		For Work In Restricted Working Space, Add	*495.72*	
27 15 13 00-0151	MLF	4 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,340.05	1,025.42
		For Work In Restricted Working Space, Add	*512.95*	
27 15 13 00-0152	MLF	5 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,590.54	1,093.62
		For Work In Restricted Working Space, Add	*547.05*	
27 15 13 00-0153	MLF	6 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,826.73	1,163.02
		For Work In Restricted Working Space, Add	*581.51*	
27 15 13 00-0154	MLF	7 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,965.16	1,232.42
		For Work In Restricted Working Space, Add	*615.97*	
27 15 13 00-0155	MLF	8 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,165.25	1,301.82
		For Work In Restricted Working Space, Add	*650.79*	
27 15 13 00-0156	MLF	9 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,468.72	1,384.38
		For Work In Restricted Working Space, Add	*692.03*	
27 15 13 00-0157	MLF	12 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,105.21	1,714.62
		For Work In Restricted Working Space, Add	*857.37*	
27 15 13 00-0158	MLF	24 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,093.48	2,533.04
		For Work In Restricted Working Space, Add	*1,266.76*	

27 15 13 00-0159 #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0136)*

27 15 13 00-0160	MLF	1 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,514.23	813.63
		For Work In Restricted Working Space, Add	*407.06*	
27 15 13 00-0161	MLF	2 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,688.10	843.55
		For Work In Restricted Working Space, Add	*421.77*	
27 15 13 00-0162	MLF	3 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,802.27	873.46
		For Work In Restricted Working Space, Add	*436.49*	
27 15 13 00-0163	MLF	4 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,949.03	902.18
		For Work In Restricted Working Space, Add	*451.21*	
27 15 13 00-0164	MLF	5 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,137.54	963.20
		For Work In Restricted Working Space, Add	*481.72*	
27 15 13 00-0165	MLF	6 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,324.89	1,024.23
		For Work In Restricted Working Space, Add	*511.88*	
27 15 13 00-0166	MLF	8 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,755.02	1,145.07
		For Work In Restricted Working Space, Add	*572.54*	
27 15 13 00-0167	MLF	12 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,588.93	1,508.82
		For Work In Restricted Working Space, Add	*754.53*	
27 15 13 00-0168	MLF	24 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,888.06	2,229.13
		For Work In Restricted Working Space, Add	*1,114.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0169		#20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0136)*		
27 15 13 00-0170	MLF	1 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,344.71	740.65
		For Work In Restricted Working Space, Add	*370.09*	
27 15 13 00-0171	MLF	2 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,467.25	766.97
		For Work In Restricted Working Space, Add	*383.36*	
27 15 13 00-0172	MLF	3 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,718.02	873.46
		For Work In Restricted Working Space, Add	*436.49*	
27 15 13 00-0173	MLF	4 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,871.38	918.22
		For Work In Restricted Working Space, Add	*459.11*	
27 15 13 00-0174	MLF	5 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,021.93	963.20
		For Work In Restricted Working Space, Add	*481.72*	
27 15 13 00-0175	MLF	6 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,188.28	1,024.23
		For Work In Restricted Working Space, Add	*511.88*	
27 15 13 00-0176	MLF	8 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,415.08	1,139.81
		For Work In Restricted Working Space, Add	*570.03*	
27 15 13 00-0177	MLF	12 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,963.37	1,372.42
		For Work In Restricted Working Space, Add	*685.97*	
27 15 13 00-0178	MLF	24 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,393.00	2,026.91
		For Work In Restricted Working Space, Add	*1,013.33*	
27 15 13 00-0179	MLF	25 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,587.74	2,074.78
		For Work In Restricted Working Space, Add	*1,037.39*	
27 15 13 00-0180	MLF	36 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,410.70	2,415.79
		For Work In Restricted Working Space, Add	*1,207.89*	
27 15 13 00-0181	MLF	40 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,799.28	2,585.69
		For Work In Restricted Working Space, Add	*1,292.96*	
27 15 13 00-0182	MLF	50 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,072.27	3,231.82
		For Work In Restricted Working Space, Add	*1,615.66*	
27 15 13 00-0183	MLF	100 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	9,477.45	4,254.84
		For Work In Restricted Working Space, Add	*2,127.17*	
27 15 13 00-0184		#22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0136)*		
27 15 13 00-0185	MLF	1 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,184.03	666.47
		For Work In Restricted Working Space, Add	*333.11*	
27 15 13 00-0186	MLF	2 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,250.64	690.39
		For Work In Restricted Working Space, Add	*344.96*	
27 15 13 00-0187	MLF	3 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,333.84	714.33
		For Work In Restricted Working Space, Add	*357.16*	
27 15 13 00-0188	MLF	4 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,423.33	738.26
		For Work In Restricted Working Space, Add	*369.37*	
27 15 13 00-0189	MLF	5 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,551.57	788.51
		For Work In Restricted Working Space, Add	*394.14*	
27 15 13 00-0190	MLF	6 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,686.07	835.17
		For Work In Restricted Working Space, Add	*417.83*	
27 15 13 00-0191		Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0001)*		
27 15 13 00-0192		#14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0191)*		
27 15 13 00-0193	MLF	1 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,667.30	2,072.38
		For Work In Restricted Working Space, Add	*1,035.95*	
27 15 13 00-0194	MLF	2 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,972.75	2,146.57
		For Work In Restricted Working Space, Add	*1,073.28*	
27 15 13 00-0195	MLF	3 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,252.57	2,220.75
		For Work In Restricted Working Space, Add	*1,110.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0196	MLF	4 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,544.54	2,297.33
		For Work In Restricted Working Space, Add	*1,148.66*	
27 15 13 00-0197	MLF	5 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,953.58	2,450.48
		For Work In Restricted Working Space, Add	*1,224.77*	
27 15 13 00-0198	MLF	6 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,347.40	2,603.64
		For Work In Restricted Working Space, Add	*1,301.58*	
27 15 13 00-0199	MLF	8 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,920.21	2,914.73
		For Work In Restricted Working Space, Add	*1,457.37*	
27 15 13 00-0200	MLF	12 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,817.82	3,840.85
		For Work In Restricted Working Space, Add	*1,920.42*	
27 15 13 00-0201	MLF	24 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	11,581.98	5,673.93
		For Work In Restricted Working Space, Add	*2,837.20*	

27 15 13 00-0202 #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0191)*

27 15 13 00-0203	MLF	1 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,273.20	1,849.83
		For Work In Restricted Working Space, Add	*925.39*	
27 15 13 00-0204	MLF	2 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,542.68	1,916.84
		For Work In Restricted Working Space, Add	*958.42*	
27 15 13 00-0205	MLF	3 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,789.58	1,983.84
		For Work In Restricted Working Space, Add	*991.44*	
27 15 13 00-0206	MLF	4 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,049.88	2,050.84
		For Work In Restricted Working Space, Add	*1,025.90*	
27 15 13 00-0207	MLF	5 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,414.04	2,187.25
		For Work In Restricted Working Space, Add	*1,094.10*	
27 15 13 00-0208	MLF	6 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,765.09	2,326.05
		For Work In Restricted Working Space, Add	*1,163.02*	
27 15 13 00-0209	MLF	7 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,018.39	2,464.84
		For Work In Restricted Working Space, Add	*1,231.94*	
27 15 13 00-0210	MLF	8 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,334.55	2,603.64
		For Work In Restricted Working Space, Add	*1,301.58*	
27 15 13 00-0211	MLF	9 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,775.50	2,768.76
		For Work In Restricted Working Space, Add	*1,384.07*	
27 15 13 00-0212	MLF	12 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,963.11	3,429.24
		For Work In Restricted Working Space, Add	*1,714.74*	
27 15 13 00-0213	MLF	24 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	10,316.01	5,066.09
		For Work In Restricted Working Space, Add	*2,533.52*	

27 15 13 00-0214 #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0191)*

27 15 13 00-0215	MLF	1 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,871.09	1,627.27
		For Work In Restricted Working Space, Add	*814.12*	
27 15 13 00-0216	MLF	2 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,094.02	1,687.10
		For Work In Restricted Working Space, Add	*843.55*	
27 15 13 00-0217	MLF	3 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,257.25	1,746.93
		For Work In Restricted Working Space, Add	*872.99*	
27 15 13 00-0218	MLF	4 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,453.05	1,804.36
		For Work In Restricted Working Space, Add	*902.42*	
27 15 13 00-0219	MLF	5 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,743.28	1,926.41
		For Work In Restricted Working Space, Add	*963.44*	
27 15 13 00-0220	MLF	6 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,031.13	2,048.45
		For Work In Restricted Working Space, Add	*1,023.75*	
27 15 13 00-0221	MLF	8 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,663.47	2,290.15
		For Work In Restricted Working Space, Add	*1,145.07*	
27 15 13 00-0222	MLF	12 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,104.03	3,017.63
		For Work In Restricted Working Space, Add	*1,509.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0223	MLF	24 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	8,603.25	4,458.25
		For Work In Restricted Working Space, Add	*2,229.12*	
27 15 13 00-0224		**#20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed** *(27 15 13 00-0191)*		
27 15 13 00-0225	MLF	1 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,578.33	1,481.30
		For Work In Restricted Working Space, Add	*740.17*	
27 15 13 00-0226	MLF	2 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,745.15	1,533.95
		For Work In Restricted Working Space, Add	*766.73*	
27 15 13 00-0227	MLF	3 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,173.00	1,746.93
		For Work In Restricted Working Space, Add	*872.99*	
27 15 13 00-0228	MLF	4 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,401.73	1,836.43
		For Work In Restricted Working Space, Add	*918.21*	
27 15 13 00-0229	MLF	5 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,627.67	1,926.41
		For Work In Restricted Working Space, Add	*963.44*	
27 15 13 00-0230	MLF	6 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,894.52	2,048.45
		For Work In Restricted Working Space, Add	*1,023.75*	
27 15 13 00-0231	MLF	8 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,315.15	2,279.62
		For Work In Restricted Working Space, Add	*1,140.05*	
27 15 13 00-0232	MLF	12 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,249.93	2,744.83
		For Work In Restricted Working Space, Add	*1,371.94*	
27 15 13 00-0233	MLF	24 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,770.78	4,053.83
		For Work In Restricted Working Space, Add	*2,026.67*	
27 15 13 00-0234	MLF	25 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	8,045.68	4,149.55
		For Work In Restricted Working Space, Add	*2,074.77*	
27 15 13 00-0235	MLF	36 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	9,437.03	4,831.57
		For Work In Restricted Working Space, Add	*2,415.79*	
27 15 13 00-0236	MLF	40 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	10,109.15	5,171.38
		For Work In Restricted Working Space, Add	*2,585.92*	
27 15 13 00-0237	MLF	50 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	12,457.80	6,463.63
		For Work In Restricted Working Space, Add	*3,231.32*	
27 15 13 00-0238	MLF	100 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	16,568.00	8,509.68
		For Work In Restricted Working Space, Add	*4,254.34*	
27 15 13 00-0239		**#22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed** *(27 15 13 00-0191)*		
27 15 13 00-0240	MLF	1 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,294.40	1,332.93
		For Work In Restricted Working Space, Add	*666.23*	
27 15 13 00-0241	MLF	2 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,400.51	1,380.79
		For Work In Restricted Working Space, Add	*689.92*	
27 15 13 00-0242	MLF	3 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,524.39	1,428.65
		For Work In Restricted Working Space, Add	*714.33*	
27 15 13 00-0243	MLF	4 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,654.56	1,476.51
		For Work In Restricted Working Space, Add	*738.74*	
27 15 13 00-0244	MLF	5 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,865.35	1,577.02
		For Work In Restricted Working Space, Add	*788.27*	
27 15 13 00-0245	MLF	6 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,078.83	1,670.35
		For Work In Restricted Working Space, Add	*835.65*	
27 15 13 00-0246		**Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit** *(27 15 13 00-0001)*		
27 15 13 00-0247	MLF	1 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,744.74	924.91
27 15 13 00-0248	MLF	2 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,075.32	958.41
27 15 13 00-0249	MLF	3 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,310.09	991.92
27 15 13 00-0250	MLF	4 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,439.23	1,025.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0251	MLF	5 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,900.14	1,093.62
27 15 13 00-0252	MLF	6 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,133.31	1,163.02
27 15 13 00-0253	MLF	8 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,890.01	1,301.82
27 15 13 00-0254	MLF	12 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,852.37	1,714.62
27 15 13 00-0255	MLF	24 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,353.25	2,533.04
27 15 13 00-0256	MLF	1 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,510.49	813.63
27 15 13 00-0257	MLF	2 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,782.28	843.55
27 15 13 00-0258	MLF	3 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,008.19	873.46
27 15 13 00-0259	MLF	4 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,123.21	902.18
27 15 13 00-0260	MLF	5 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,517.38	963.20
27 15 13 00-0261	MLF	6 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,815.07	1,024.23
27 15 13 00-0262	MLF	8 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,177.40	1,145.07
27 15 13 00-0263	MLF	12 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,111.59	1,508.82
27 15 13 00-0264	MLF	24 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,531.54	2,229.13
27 15 13 00-0265	MLF	1 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,338.77	740.65
27 15 13 00-0266	MLF	2 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,513.04	766.97
27 15 13 00-0267	MLF	3 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,682.12	793.29
27 15 13 00-0268	MLF	4 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,791.10	820.82
27 15 13 00-0269	MLF	5 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,946.77	875.86
27 15 13 00-0270	MLF	6 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,120.31	930.90
27 15 13 00-0271	MLF	8 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,374.49	1,040.98
27 15 13 00-0272	MLF	12 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,261.63	1,372.42
27 15 13 00-0273	MLF	24 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,944.08	2,026.91
27 15 13 00-0274	MLF	25 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,200.89	2,074.78
27 15 13 00-0275	MLF	36 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,127.49	2,415.79
27 15 13 00-0276	MLF	40 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,607.78	2,585.69
27 15 13 00-0277	MLF	50 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,987.87	3,231.82
27 15 13 00-0278	MLF	100 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	10,773.11	4,254.84
27 15 13 00-0279	MLF	250 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	20,725.22	7,837.24
27 15 13 00-0280	MLF	500 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	31,003.08	10,371.48
27 15 13 00-0281	MLF	750 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	41,340.19	13,069.64
27 15 13 00-0282	MLF	1200 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	58,118.39	17,927.54
27 15 13 00-0283	MLF	1 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,300.89	740.65
27 15 13 00-0284	MLF	2 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,428.31	766.97
27 15 13 00-0285	MLF	3 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,552.42	793.29
27 15 13 00-0286	MLF	4 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,638.51	820.82
27 15 13 00-0287	MLF	5 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,771.29	875.86
27 15 13 00-0288	MLF	6 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,915.06	930.90
27 15 13 00-0289	MLF	8 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,144.05	1,040.98
27 15 13 00-0290	MLF	12 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,910.29	1,372.42
27 15 13 00-0291	MLF	24 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,379.71	2,026.91
27 15 13 00-0292	MLF	25 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,572.87	2,074.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0293	MLF	36 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,392.58	2,415.79
27 15 13 00-0294	MLF	40 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,779.79	2,585.69
27 15 13 00-0295	MLF	50 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,050.18	3,231.82
27 15 13 00-0296	MLF	100 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	9,446.21	4,254.84
27 15 13 00-0297	MLF	250 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	17,917.15	7,837.24
27 15 13 00-0298	MLF	500 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	26,045.38	10,371.48
27 15 13 00-0299	MLF	750 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	34,273.53	13,069.64
27 15 13 00-0300	MLF	1200 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	47,916.38	17,927.54

27 15 13 00-0301 Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0001)*

27 15 13 00-0302	MLF	1 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,759.97	924.91
27 15 13 00-0303	MLF	2 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,987.64	958.41
27 15 13 00-0304	MLF	3 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,132.75	991.92
27 15 13 00-0305	MLF	4 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,324.09	1,025.42
27 15 13 00-0306	MLF	5 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,560.24	1,093.62
27 15 13 00-0307	MLF	6 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,794.01	1,163.02
27 15 13 00-0308	MLF	8 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,340.16	1,301.82
27 15 13 00-0309	MLF	12 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,344.59	1,714.62
27 15 13 00-0310	MLF	24 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,474.17	2,533.04
27 15 13 00-0311	MLF	1 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,541.87	813.63
27 15 13 00-0312	MLF	2 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,737.65	843.55
27 15 13 00-0313	MLF	3 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,863.27	873.46
27 15 13 00-0314	MLF	4 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,027.18	902.18
27 15 13 00-0315	MLF	5 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,230.95	963.20
27 15 13 00-0316	MLF	6 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,433.54	1,024.23
27 15 13 00-0317	MLF	8 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,903.69	1,145.07
27 15 13 00-0318	MLF	12 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,778.27	1,508.82
27 15 13 00-0319	MLF	24 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,629.11	2,229.13
27 15 13 00-0320	MLF	1 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,364.22	740.65
27 15 13 00-0321	MLF	2 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,533.07	766.97
27 15 13 00-0322	MLF	3 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,653.90	793.29
27 15 13 00-0323	MLF	4 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,866.57	820.82
27 15 13 00-0324	MLF	5 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,063.20	875.86
27 15 13 00-0325	MLF	6 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,424.93	930.90
27 15 13 00-0326	MLF	8 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,710.68	1,040.98
27 15 13 00-0327	MLF	12 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,442.41	1,372.42
27 15 13 00-0328	MLF	24 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,179.10	2,026.91
27 15 13 00-0329	MLF	25 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,461.36	2,074.78
27 15 13 00-0330	MLF	36 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,481.39	2,415.79
27 15 13 00-0331	MLF	40 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,951.19	2,585.69
27 15 13 00-0332	MLF	50 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	8,376.76	3,231.82
27 15 13 00-0333	MLF	100 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	11,323.44	4,254.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0334	MLF	250 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	21,890.58	7,837.24
27 15 13 00-0335	MLF	500 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	33,060.19	10,371.48
27 15 13 00-0336	MLF	750 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	44,272.00	13,069.64
27 15 13 00-0337	MLF	1200 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	62,350.91	17,926.33
27 15 13 00-0338	MLF	1 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,317.16	740.65
27 15 13 00-0339	MLF	2 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,441.12	766.97
27 15 13 00-0340	MLF	3 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,534.38	793.29
27 15 13 00-0341	MLF	4 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,686.79	820.82
27 15 13 00-0342	MLF	5 Pair #22 AWG, Solid, Low Voltage, Plenum Rated, Non-Shielded, Installed In Conduit	1,845.77	875.86
27 15 13 00-0343	MLF	6 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,109.93	930.90
27 15 13 00-0344	MLF	8 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,359.11	1,040.98
27 15 13 00-0345	MLF	12 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,025.93	1,372.42
27 15 13 00-0346	MLF	24 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,530.05	2,026.91
27 15 13 00-0347	MLF	25 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,739.49	2,074.78
27 15 13 00-0348	MLF	36 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,596.76	2,415.79
27 15 13 00-0349	MLF	40 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,999.46	2,585.69
27 15 13 00-0350	MLF	50 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,298.95	3,231.82
27 15 13 00-0351	MLF	100 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	9,798.25	4,254.84
27 15 13 00-0352	MLF	250 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	18,662.55	7,837.24
27 15 13 00-0353	MLF	500 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	27,361.36	10,371.48
27 15 13 00-0354	MLF	750 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	36,149.49	13,069.64
27 15 13 00-0355	MLF	1200 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	50,624.81	17,927.54

27 15 13 00-0356 Copper Telecommunications Cable *(27 15 13)*

27 15 13 00-0357 Indoor Telecommunications Cable *(27 15 13 00-0356)*

Note: Shielded twisted pair cables (STP) includes a metallic foil wrap. Un-shielded twisted pair cables (UTP) excludes any shielding.

27 15 13 00-0358 Category 3, Indoor Telecommunications Cable *(27 15 13 00-0357)*

Note: Un-shielded twisted pair cables (UTP).

27 15 13 00-0359 Category 3, Indoor Telecommunications Riser Cable *(27 15 13 00-0358)*

27 15 13 00-0360 24 AWG, Category 3, Indoor Telecommunications Riser Cable *(27 15 13 00-0359)*

27 15 13 00-0361 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 15 13 00-0360)*

27 15 13 00-0362	MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	1,030.36	550.04
27 15 13 00-0363	MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	1,078.86	550.04
27 15 13 00-0364	MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	1,096.00	550.04
27 15 13 00-0365	MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	1,323.44	628.61
27 15 13 00-0366	MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	1,680.43	628.61
27 15 13 00-0367	MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	2,247.26	628.61
27 15 13 00-0368	MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	3,580.90	785.77
27 15 13 00-0369	MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	6,474.52	1,257.22
27 15 13 00-0370	MLF	150-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	8,763.88	1,414.37
27 15 13 00-0371	MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	11,641.15	1,571.53
27 15 13 00-0372	MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	17,025.80	2,200.13
27 15 13 00-0373	MLF	400-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	22,314.11	2,718.74
27 15 13 00-0374	MLF	600-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	35,353.80	3,771.66
27 15 13 00-0375	MLF	900-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	57,437.51	7,543.32
27 15 13 00-0376	MLF	1,200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	78,099.40	11,314.98

27 15 13 00-0377 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed *(27 15 13 00-0360)*

27 15 13 00-0378	MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,947.08	1,100.07
		For Work In Restricted Working Space, Add	*550.04*	
27 15 13 00-0379	MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,995.58	1,100.07
		For Work In Restricted Working Space, Add	*550.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0380	MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	2,012.72	1,100.07
		For Work In Restricted Working Space, Add	*550.04*	
27 15 13 00-0381	MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	2,109.21	1,100.07
		For Work In Restricted Working Space, Add	*550.04*	
27 15 13 00-0382	MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	2,466.20	1,100.07
		For Work In Restricted Working Space, Add	*550.04*	
27 15 13 00-0383	MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	3,294.95	1,257.22
		For Work In Restricted Working Space, Add	*628.61*	
27 15 13 00-0384	MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	4,890.50	1,571.53
		For Work In Restricted Working Space, Add	*785.76*	
27 15 13 00-0385	MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	7,522.20	1,885.83
		For Work In Restricted Working Space, Add	*942.92*	
27 15 13 00-0386	MLF	150-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	9,942.52	2,121.56
		For Work In Restricted Working Space, Add	*1,060.78*	
27 15 13 00-0387	MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	12,950.76	2,357.29
		For Work In Restricted Working Space, Add	*1,178.65*	
27 15 13 00-0388	MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	18,859.25	3,300.20
		For Work In Restricted Working Space, Add	*1,650.10*	
27 15 13 00-0389	MLF	400-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	24,592.82	4,085.97
		For Work In Restricted Working Space, Add	*2,042.98*	
27 15 13 00-0390	MLF	600-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	38,496.85	5,657.49
		For Work In Restricted Working Space, Add	*2,828.75*	
27 15 13 00-0391	MLF	900-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	63,723.61	11,314.98
		For Work In Restricted Working Space, Add	*5,657.49*	
27 15 13 00-0392	MLF	1,200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	87,528.56	16,972.47
		For Work In Restricted Working Space, Add	*8,486.24*	

27 15 13 00-0393 22 AWG, Category 3, Indoor Telecommunications Riser Cable *(27 15 13 00-0359)*

27 15 13 00-0394 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 15 13 00-0393)*

27 15 13 00-0395	MLF	25-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	3,659.10	628.61
27 15 13 00-0396	MLF	50-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	5,454.90	785.77
27 15 13 00-0397	MLF	100-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	9,967.84	1,257.22
27 15 13 00-0398	MLF	200-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	17,725.83	1,571.53
27 15 13 00-0399	MLF	300-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	26,074.63	2,200.13
27 15 13 00-0400	MLF	400-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	33,968.80	2,718.74
27 15 13 00-0401	MLF	600-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	50,372.60	3,771.66

27 15 13 00-0402 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed *(27 15 13 00-0393)*

27 15 13 00-0403	MLF	25-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	4,706.79	1,257.22
		For Work In Restricted Working Space, Add	*628.61*	
27 15 13 00-0404	MLF	50-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	6,764.50	1,571.53
		For Work In Restricted Working Space, Add	*785.76*	
27 15 13 00-0405	MLF	100-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	11,015.52	1,885.83
		For Work In Restricted Working Space, Add	*942.92*	
27 15 13 00-0406	MLF	200-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	19,035.44	2,357.29
		For Work In Restricted Working Space, Add	*1,178.65*	
27 15 13 00-0407	MLF	300-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	27,908.08	3,300.20
		For Work In Restricted Working Space, Add	*1,650.10*	
27 15 13 00-0408	MLF	400-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	36,247.51	4,085.97
		For Work In Restricted Working Space, Add	*2,042.98*	
27 15 13 00-0409	MLF	600-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	53,515.65	5,657.49
		For Work In Restricted Working Space, Add	*2,828.75*	

27 15 13 00-0410 Category 3, Indoor Telecommunications Plenum Cable *(27 15 13 00-0358)*

27 15 13 00-0411 24 AWG, Category 3, Indoor Telecommunications Plenum Cable *(27 15 13 00-0410)*

27 15 13 00-0412 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 15 13 00-0411)*

27 15 13 00-0413	MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,069.58	550.04
27 15 13 00-0414	MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,117.88	550.04
27 15 13 00-0415	MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,154.01	550.04
27 15 13 00-0416	MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,388.58	628.61
27 15 13 00-0417	MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,777.72	628.61
27 15 13 00-0418	MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	2,832.55	628.61
27 15 13 00-0419	MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	4,772.50	785.77
27 15 13 00-0420	MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	8,971.23	1,257.22
27 15 13 00-0421	MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	15,553.65	1,571.53
27 15 13 00-0422	MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	23,313.76	2,200.13

27 15 13 00-0423 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 15 13 00-0411)*

27 15 13 00-0424	MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	1,986.30	1,100.07
		For Work In Restricted Working Space, Add	*550.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0425	MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	2,034.60	1,100.07
		For Work In Restricted Working Space, Add	*550.04*	
27 15 13 00-0426	MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	2,070.73	1,100.07
		For Work In Restricted Working Space, Add	*550.04*	
27 15 13 00-0427	MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	2,174.35	1,100.07
		For Work In Restricted Working Space, Add	*550.04*	
27 15 13 00-0428	MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	2,563.49	1,100.07
		For Work In Restricted Working Space, Add	*550.04*	
27 15 13 00-0429	MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	3,880.24	1,257.22
		For Work In Restricted Working Space, Add	*628.61*	
27 15 13 00-0430	MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	6,082.10	1,571.53
		For Work In Restricted Working Space, Add	*785.76*	
27 15 13 00-0431	MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	10,018.91	1,885.83
		For Work In Restricted Working Space, Add	*942.92*	
27 15 13 00-0432	MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	16,863.26	2,357.29
		For Work In Restricted Working Space, Add	*1,178.65*	
27 15 13 00-0433	MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	25,147.21	3,300.20
		For Work In Restricted Working Space, Add	*1,650.10*	

27 15 13 00-0434 Category 5E, Indoor Telecommunications Cable *(27 15 13 00-0357)*

27 15 13 00-0435 Category 5E, Indoor Telecommunications Riser Cable *(27 15 13 00-0434)*

27 15 13 00-0436 Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 15 13 00-0435)*

27 15 13 00-0437	MLF	4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	1,103.72	550.04
27 15 13 00-0438	MLF	4-Pair Stranded UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	1,147.52	550.04
27 15 13 00-0439	MLF	4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	1,279.31	628.61
27 15 13 00-0440	MLF	4-Pair Stranded STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	1,323.09	628.61

27 15 13 00-0441 Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed *(27 15 13 00-0435)*

27 15 13 00-0442	MLF	4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	2,020.44	1,100.07
		For Work In Restricted Working Space, Add	*550.04*	
27 15 13 00-0443	MLF	4-Pair Stranded UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	2,064.24	1,100.07
		For Work In Restricted Working Space, Add	*550.04*	
27 15 13 00-0444	MLF	4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	2,327.00	1,257.22
		For Work In Restricted Working Space, Add	*628.61*	
27 15 13 00-0445	MLF	4-Pair Stranded STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	2,370.78	1,257.22
		For Work In Restricted Working Space, Add	*628.61*	

27 15 13 00-0446 Category 5E, Indoor Telecommunications Plenum Cable *(27 15 13 00-0434)*

27 15 13 00-0447 Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 15 13 00-0446)*

27 15 13 00-0448	MLF	4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,264.78	550.04
27 15 13 00-0449	MLF	4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,737.96	628.61

27 15 13 00-0450 Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 15 13 00-0446)*

27 15 13 00-0451	MLF	4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed	2,181.50	1,100.07
		For Work In Restricted Working Space, Add	*550.04*	
27 15 13 00-0452	MLF	4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed	2,785.65	1,257.22
		For Work In Restricted Working Space, Add	*628.61*	

27 15 13 00-0453 Category 6, Indoor Telecommunications Cable *(27 15 13 00-0357)*

27 15 13 00-0454 Category 6, Indoor Telecommunications Riser Cable *(27 15 13 00-0453)*

27 15 13 00-0455 Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 15 13 00-0454)*

27 15 13 00-0456	MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit	1,250.92	550.04
27 15 13 00-0457	MLF	4-Pair Stranded UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit	1,288.29	550.04

27 15 13 00-0458 Category 6, Indoor Telecommunications Riser Cable, Installed Exposed *(27 15 13 00-0454)*

27 15 13 00-0459	MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed Exposed	2,167.64	1,100.07
		For Work In Restricted Working Space, Add	*550.04*	
27 15 13 00-0460	MLF	4-Pair Stranded UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed Exposed	2,205.01	1,100.07
		For Work In Restricted Working Space, Add	*550.04*	

27 15 13 00-0461 Category 6, Indoor Telecommunications Plenum Cable *(27 15 13 00-0453)*

27 15 13 00-0462 Category 6, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 15 13 00-0461)*

27 15 13 00-0463	MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,540.95	550.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0464		**Category 6, Indoor Telecommunications Plenum Cable, Installed Exposed** *(27 15 13 00-0461)*		
27 15 13 00-0465	MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Plenum Cable, Installed Exposed	2,457.67	1,100.07
		For Work In Restricted Working Space, Add	*550.04*	
27 15 13 00-0466		**Category 6A, Indoor Telecommunications Cable** *(27 15 13 00-0357)*		
27 15 13 00-0467		**Category 6a, Indoor Telecommunications Riser Cable** *(27 15 13 00-0466)*		
27 15 13 00-0468		**Category 6a Indoor Telecommunications Riser Cable, Installed In Conduit** *(27 15 13 00-0467)*		
27 15 13 00-0469	MLF	4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Riser Cable, Installed In Conduit	1,310.63	550.04
27 15 13 00-0470		**Category 6a, Indoor Telecommunications Riser Cable, Installed Exposed** *(27 15 13 00-0467)*		
27 15 13 00-0471	MLF	4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Riser Cable, Installed Exposed	2,227.35	1,100.07
		For Work In Restricted Working Space, Add	*550.04*	
27 15 13 00-0472		**Category 6A, Indoor Telecommunications Plenum Cable** *(27 15 13 00-0466)*		
27 15 13 00-0473		**Category 6A, Indoor Telecommunications Plenum Cable, Installed In Conduit** *(27 15 13 00-0472)*		
27 15 13 00-0474	MLF	4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,703.19	550.04
27 15 13 00-0475		**Category 6a, Indoor Telecommunications Plenum Cable, Installed Exposed** *(27 15 13 00-0472)*		
27 15 13 00-0476	MLF	4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Plenum Cable, Installed Exposed	2,619.91	1,100.07
		For Work In Restricted Working Space, Add	*550.04*	
27 15 13 00-0477		**Category 7, Indoor Telecommunications Cable** *(27 15 13 00-0357)*		
27 15 13 00-0478		**Category 7, Indoor Telecommunications Cable, Installed In Conduit** *(27 15 13 00-0477)*		
27 15 13 00-0479	MLF	4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Riser Cable, Installed In Conduit	2,566.17	628.61
27 15 13 00-0480	MLF	4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Plenum Cable, Installed In Conduit	4,450.76	628.61
27 15 13 00-0481		**Category 7, Indoor Telecommunications Cable, Installed Exposed** *(27 15 13 00-0477)*		
27 15 13 00-0482	MLF	4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Riser Cable, Installed Exposed	3,613.86	1,257.22
		For Work In Restricted Working Space, Add	*628.61*	
27 15 13 00-0483	MLF	4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Plenum Cable, Installed Exposed	5,498.45	1,257.22
		For Work In Restricted Working Space, Add	*628.61*	
27 15 13 00-0484		**Outdoor Telecommunications Cable** *(27 15 13 00-0356)* Note: Cable buried in trench excludes excavation.		
27 15 13 00-0485		**PE-89 Outdoor Telecommunications Cable** *(27 15 13 00-0484)* Note: Includes foam-skin polyolefin insulated conductors.		
27 15 13 00-0486		**24 AWG, PE-89 Outdoor Telecommunications Cable** *(27 15 13 00-0485)*		
27 15 13 00-0487		**24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit** *(27 15 13 00-0486)*		
27 15 13 00-0488	MLF	6-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,059.66	628.61
27 15 13 00-0489	MLF	12-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,487.70	1,100.07
27 15 13 00-0490	MLF	25-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	3,540.73	707.19
27 15 13 00-0491	MLF	50-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	5,428.31	785.77
27 15 13 00-0492	MLF	75-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	7,698.11	1,100.07
27 15 13 00-0493	MLF	100-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	9,710.05	1,257.22
27 15 13 00-0494	MLF	200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	16,806.65	1,414.37
27 15 13 00-0495	MLF	300-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	24,712.88	2,042.98
27 15 13 00-0496	MLF	400-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	32,752.12	2,671.60
27 15 13 00-0497	MLF	600-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	44,483.07	3,614.50
27 15 13 00-0498	MLF	900-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	69,976.32	7,229.02
27 15 13 00-0499	MLF	1,200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	95,500.33	10,686.37
27 15 13 00-0500		**24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench** *(27 15 13 00-0486)*		
27 15 13 00-0501	MLF	6-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,863.22	
27 15 13 00-0502	MLF	12-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	2,291.26	
27 15 13 00-0503	MLF	25-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	3,278.82	
27 15 13 00-0504	MLF	50-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	5,166.38	
27 15 13 00-0505	MLF	75-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	7,305.23	
27 15 13 00-0506	MLF	100-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	9,055.25	
27 15 13 00-0507	MLF	200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	16,544.73	
27 15 13 00-0508	MLF	300-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	23,927.11	
27 15 13 00-0509	MLF	400-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	31,115.11	
27 15 13 00-0510	MLF	600-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	41,601.94	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0511	MLF	900-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	62,118.69	
27 15 13 00-0512	MLF	1,200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	83,975.80	
27 15 13 00-0513		22 AWG, PE-89 Outdoor Telecommunications Cable *(27 15 13 00-0485)*		
27 15 13 00-0514		22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0513)*		
27 15 13 00-0515	MLF	6-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,331.78	628.61
27 15 13 00-0516	MLF	12-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,996.09	628.61
27 15 13 00-0517	MLF	25-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	4,581.38	707.19
27 15 13 00-0518	MLF	50-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	7,280.54	785.77
27 15 13 00-0519	MLF	75-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	10,592.63	1,100.07
27 15 13 00-0520	MLF	100-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	13,645.09	1,257.22
27 15 13 00-0521	MLF	200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	24,397.89	1,414.37
27 15 13 00-0522	MLF	300-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	35,539.51	2,042.98
27 15 13 00-0523	MLF	400-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	47,347.35	2,671.60
27 15 13 00-0524	MLF	600-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	69,970.93	3,614.50
27 15 13 00-0525	MLF	900-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	102,165.38	7,229.02
27 15 13 00-0526	MLF	1,200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	143,658.13	10,686.37
27 15 13 00-0527		22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0513)*		
27 15 13 00-0528	MLF	6-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	2,135.34	
27 15 13 00-0529	MLF	12-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	2,799.65	
27 15 13 00-0530	MLF	25-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	4,319.47	
27 15 13 00-0531	MLF	50-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	7,018.61	
27 15 13 00-0532	MLF	75-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	10,199.75	
27 15 13 00-0533	MLF	100-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	13,252.20	
27 15 13 00-0534	MLF	200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	24,135.97	
27 15 13 00-0535	MLF	300-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	34,753.74	
27 15 13 00-0536	MLF	400-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	45,710.34	
27 15 13 00-0537	MLF	600-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	67,089.80	
27 15 13 00-0538	MLF	900-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	94,307.75	
27 15 13 00-0539	MLF	1,200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	132,133.60	
27 15 13 00-0540		19 AWG, PE-89 Outdoor Telecommunications Cable *(27 15 13 00-0485)*		
27 15 13 00-0541		19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0540)*		
27 15 13 00-0542	MLF	25-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	7,789.48	707.19
27 15 13 00-0543	MLF	50-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	13,551.34	785.77
27 15 13 00-0544	MLF	75-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	21,747.23	1,100.07
27 15 13 00-0545	MLF	100-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	26,065.73	1,257.22
27 15 13 00-0546		19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0540)*		
27 15 13 00-0547	MLF	25-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	7,527.57	
27 15 13 00-0548	MLF	50-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	13,289.41	
27 15 13 00-0549	MLF	75-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	21,354.35	
27 15 13 00-0550	MLF	100-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	25,672.84	
27 15 13 00-0551		PE-39 Outdoor Telecommunications Cable *(27 15 13 00-0484)* Note: Includes solid polyolefin insulated conductors.		
27 15 13 00-0552		24 AWG, PE-39 Outdoor Telecommunications Cable *(27 15 13 00-0551)*		
27 15 13 00-0553		24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0552)*		
27 15 13 00-0554	MLF	6-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,883.69	1,100.07
27 15 13 00-0555	MLF	12-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	3,407.35	1,100.07
27 15 13 00-0556	MLF	25-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	4,463.81	1,100.07
27 15 13 00-0557	MLF	50-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	6,366.29	1,100.07
27 15 13 00-0558	MLF	100-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	10,224.80	1,100.07
27 15 13 00-0559	MLF	200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	18,582.87	1,414.37
27 15 13 00-0560	MLF	300-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	27,135.72	2,042.98
27 15 13 00-0561	MLF	400-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	35,704.33	2,671.60
27 15 13 00-0562	MLF	600-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	48,793.53	3,614.50
27 15 13 00-0563	MLF	900-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	75,550.80	7,229.02
27 15 13 00-0564	MLF	1,200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	109,958.29	10,686.37
27 15 13 00-0565		24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0552)*		
27 15 13 00-0566	MLF	6-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,490.81	
27 15 13 00-0567	MLF	12-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	3,014.47	
27 15 13 00-0568	MLF	25-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	4,070.93	
27 15 13 00-0569	MLF	50-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	5,973.41	
27 15 13 00-0570	MLF	100-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	9,831.92	
27 15 13 00-0571	MLF	200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	18,320.95	
27 15 13 00-0572	MLF	300-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	26,349.95	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0573	MLF	400-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	34,067.32	
27 15 13 00-0574	MLF	600-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	45,912.40	
27 15 13 00-0575	MLF	900-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	67,693.17	
27 15 13 00-0576	MLF	1,200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	98,433.76	
27 15 13 00-0577		22 AWG, PE-39 Outdoor Telecommunications Cable *(27 15 13 00-0551)*		
27 15 13 00-0578		22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0577)*		
27 15 13 00-0579	MLF	6-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	3,186.44	1,100.07
27 15 13 00-0580	MLF	12-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	3,955.93	1,100.07
27 15 13 00-0581	MLF	25-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	5,593.46	1,100.07
27 15 13 00-0582	MLF	50-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	8,605.92	1,100.07
27 15 13 00-0583	MLF	100-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	14,892.53	1,100.07
27 15 13 00-0584	MLF	200-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	27,565.81	1,414.37
27 15 13 00-0585	MLF	300-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	40,395.65	2,042.98
27 15 13 00-0586	MLF	400-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	51,741.96	2,671.60
27 15 13 00-0587	MLF	600-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	72,292.34	3,614.50
27 15 13 00-0588	MLF	900-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	113,600.82	7,229.02
27 15 13 00-0589		22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0577)*		
27 15 13 00-0590	MLF	6-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,793.56	
27 15 13 00-0591	MLF	12-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	3,563.05	
27 15 13 00-0592	MLF	25-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	5,200.58	
27 15 13 00-0593	MLF	50-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	8,213.04	
27 15 13 00-0594	MLF	100-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	14,499.65	
27 15 13 00-0595	MLF	200-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	27,303.89	
27 15 13 00-0596	MLF	300-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	39,609.88	
27 15 13 00-0597	MLF	400-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	50,104.95	
27 15 13 00-0598	MLF	600-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	69,411.21	
27 15 13 00-0599	MLF	900-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	105,743.19	
27 15 13 00-0600		19 AWG, PE-39 Outdoor Telecommunications Cable *(27 15 13 00-0551)*		
27 15 13 00-0601		19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0600)*		
27 15 13 00-0602	MLF	25-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	9,220.95	1,100.07
27 15 13 00-0603	MLF	50-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	15,330.62	1,100.07
27 15 13 00-0604	MLF	100-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	27,999.92	1,100.07
27 15 13 00-0605		19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0600)*		
27 15 13 00-0606	MLF	25-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	8,828.07	
27 15 13 00-0607	MLF	50-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	14,937.74	
27 15 13 00-0608	MLF	100-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	27,607.04	
27 15 13 00-0609		(Aerial) Outdoor Telecommunications Cable *(27 15 13 00-0484)* Note: Includes support wire.		
27 15 13 00-0610		24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles *(27 15 13 00-0609)*		
27 15 13 00-0611	MLF	6-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	8,391.19	2,214.55
27 15 13 00-0612	MLF	12-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	8,826.90	2,214.55
27 15 13 00-0613	MLF	25-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	9,908.68	2,214.55
27 15 13 00-0614	MLF	50-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	11,911.58	2,214.55
27 15 13 00-0615	MLF	100-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	15,780.15	2,214.55
27 15 13 00-0616	MLF	200-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	23,980.89	2,436.01
27 15 13 00-0617	MLF	300-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	32,229.48	2,657.46
27 15 13 00-0618		22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles *(27 15 13 00-0609)*		
27 15 13 00-0619	MLF	6-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	8,912.47	2,214.55
27 15 13 00-0620	MLF	12-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	9,556.21	2,214.55
27 15 13 00-0621	MLF	25-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	11,106.71	2,214.55
27 15 13 00-0622	MLF	50-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	14,169.86	2,214.55
27 15 13 00-0623	MLF	100-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	20,969.39	2,214.55
27 15 13 00-0624	MLF	200-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	33,263.96	2,436.01
27 15 13 00-0625		19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles *(27 15 13 00-0609)*		
27 15 13 00-0626	MLF	6-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	9,601.65	2,214.55
27 15 13 00-0627	MLF	12-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	11,057.43	2,214.55
27 15 13 00-0628	MLF	25-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	13,919.73	2,214.55
27 15 13 00-0629	MLF	50-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	19,644.38	2,214.55
27 15 13 00-0630	MLF	100-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	31,205.34	2,214.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

27 15 23 Communications Optical Fiber Horizontal Cabling *(27 15)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.

27 15 23 00-0001 Indoor Fiber Optic Cable *(27 15 23)*

Note: Distribution cables contain multiple tight-buffered fibers bundled under the same jacket with Kevlar strength members. Break-out cables contain multiple individually reinforced and jacketed simplex cables bundled together.

27 15 23 00-0002 Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0001)*

Note: Excludes conduit or innerduct.

27 15 23 00-0003 Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0002)*

27 15 23 00-0004 Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0003)*

27 15 23 00-0005 Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0004)*

27 15 23 00-0006	MLF	1-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,098.50	471.45
27 15 23 00-0007	MLF	2-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,192.75	471.45
27 15 23 00-0008	MLF	4-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,224.22	471.45
27 15 23 00-0009	MLF	6-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,336.29	471.45
		For Aluminum Armored Cable, Add	*842.23*	
		For Steel Armored Cable, Add	*1,644.81*	
27 15 23 00-0010	MLF	8-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,368.42	471.45
27 15 23 00-0011	MLF	12-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,562.65	471.45
		For Aluminum Armored Cable, Add	*888.79*	
		For Steel Armored Cable, Add	*1,727.08*	
27 15 23 00-0012	MLF	18-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,633.69	550.04
27 15 23 00-0013	MLF	24-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,671.20	550.04
		For Aluminum Armored Cable With Sub-Units, Add	*1,780.56*	
		For Steel Armored Cable, Add	*2,342.85*	
27 15 23 00-0014	MLF	36-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,459.71	550.04
		For Aluminum Armored Cable With Sub-Units, Add	*1,877.04*	
		For Steel Armored Cable, Add	*2,144.16*	
27 15 23 00-0015	MLF	48-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,612.65	550.04
		For Aluminum Armored Cable With Sub-Units, Add	*1,969.39*	
		For Steel Armored Cable, Add	*2,245.50*	
27 15 23 00-0016	MLF	60-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,577.05	550.04
27 15 23 00-0017	MLF	72-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,833.51	550.04
27 15 23 00-0018	MLF	96-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,182.53	550.04
27 15 23 00-0019	MLF	120-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,632.48	628.61
27 15 23 00-0020	MLF	144-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,472.08	628.61

27 15 23 00-0021 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0004)*

27 15 23 00-0022	MLF	1-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,125.64	471.45
27 15 23 00-0023	MLF	2-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,221.74	471.45
27 15 23 00-0024	MLF	4-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,480.59	471.45
27 15 23 00-0025	MLF	6-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,753.07	471.45
		For Aluminum Armored Cable, Add	*958.14*	
		For Steel Armored Cable, Add	*1,252.82*	
27 15 23 00-0026	MLF	8-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,011.93	471.45
27 15 23 00-0027	MLF	12-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,543.27	471.45
		For Aluminum Armored Cable, Add	*965.11*	
		For Steel Armored Cable, Add	*1,349.07*	
27 15 23 00-0028	MLF	18-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,810.47	550.04
27 15 23 00-0029	MLF	24-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,731.45	550.04
		For Aluminum Armored Cable With Sub-Units, Add	*875.68*	
		For Steel Armored Cable, Add	*875.68*	
27 15 23 00-0030	MLF	36-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,638.81	550.04
27 15 23 00-0031	MLF	48-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,546.17	550.04
		For Aluminum Armored Cable With Sub-Units, Add	*1,562.67*	
27 15 23 00-0032	MLF	60-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,453.53	550.04
27 15 23 00-0033	MLF	72-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,360.89	550.04
27 15 23 00-0034	MLF	96-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	16,189.23	550.04
		For Aluminum Armored Cable With Sub-Units, Add	*6,730.26*	
27 15 23 00-0035	MLF	120-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	20,134.90	628.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0036	MLF	144-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	23,949.62	628.61
27 15 23 00-0037		**62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit** *(27 15 23 00-0004)*		
27 15 23 00-0038	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,142.64	471.45
27 15 23 00-0039	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,243.54	471.45
27 15 23 00-0040	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,515.34	471.45
27 15 23 00-0041	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,801.44	471.45
27 15 23 00-0042	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,073.24	471.45
27 15 23 00-0043	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,631.14	471.45
27 15 23 00-0044	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,905.15	550.04
27 15 23 00-0045	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,922.19	550.04
27 15 23 00-0046	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,924.91	550.04
27 15 23 00-0047	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,927.64	550.04
27 15 23 00-0048	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,930.37	550.04
27 15 23 00-0049	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,933.10	550.04
27 15 23 00-0050	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	16,952.86	550.04
27 15 23 00-0051	MLF	120-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	21,089.27	628.61
27 15 23 00-0052	MLF	144-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	25,094.72	628.61
27 15 23 00-0053		**Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit** *(27 15 23 00-0003)*		
27 15 23 00-0054		**Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit** *(27 15 23 00-0053)*		
27 15 23 00-0055	MLF	2-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,972.03	471.45
27 15 23 00-0056	MLF	4-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,323.53	471.45
27 15 23 00-0057	MLF	6-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,096.81	471.45
27 15 23 00-0058	MLF	8-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,465.85	471.45
27 15 23 00-0059	MLF	12-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,979.98	471.45
27 15 23 00-0060	MLF	18-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,320.86	550.04
27 15 23 00-0061	MLF	24-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,940.64	550.04
27 15 23 00-0062	MLF	36-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,153.81	550.04
27 15 23 00-0063	MLF	48-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	13,658.18	550.04
27 15 23 00-0064		**50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit** *(27 15 23 00-0053)*		
27 15 23 00-0065	MLF	2-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,261.64	471.45
27 15 23 00-0066	MLF	4-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,726.99	471.45
27 15 23 00-0067	MLF	6-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,494.22	471.45
27 15 23 00-0068	MLF	8-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,634.55	471.45
27 15 23 00-0069	MLF	12-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,108.09	471.45
27 15 23 00-0070	MLF	18-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,810.47	550.04
27 15 23 00-0071	MLF	24-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,519.44	550.04
27 15 23 00-0072	MLF	36-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,687.86	550.04
27 15 23 00-0073	MLF	48-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	14,704.22	550.04
27 15 23 00-0074		**62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit** *(27 15 23 00-0053)*		
27 15 23 00-0075	MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,335.44	471.45
27 15 23 00-0076	MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,824.05	471.45
27 15 23 00-0077	MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,629.64	471.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0078	MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,826.99	471.45
27 15 23 00-0079	MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,324.21	471.45
27 15 23 00-0080	MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,105.16	550.04
27 15 23 00-0081	MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,899.58	550.04
27 15 23 00-0082	MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,126.42	550.04
27 15 23 00-0083	MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	15,393.59	550.04

27 15 23 00-0084 Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit
(27 15 23 00-0002)

27 15 23 00-0085 Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit
(27 15 23 00-0084)

27 15 23 00-0086 Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit
(27 15 23 00-0085)

27 15 23 00-0087	MLF	1-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,089.41	471.45
27 15 23 00-0088	MLF	2-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,093.99	471.45
27 15 23 00-0089	MLF	4-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,334.54	471.45
27 15 23 00-0090	MLF	6-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,362.69	471.45
		For Aluminum Armored Cable, Add	*900.93*	
		For Steel Armored Cable, Add	*5,923.53*	
27 15 23 00-0091	MLF	8-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,504.38	471.45
27 15 23 00-0092	MLF	12-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,530.89	471.45
		For Aluminum Armored Cable, Add	*938.56*	
		For Steel Armored Cable, Add	*6,372.41*	
27 15 23 00-0093	MLF	18-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,345.85	550.04
27 15 23 00-0094	MLF	24-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,256.77	550.04
		For Aluminum Armored Cable With Sub-Units, Add	*908.76*	
		For Steel Armored Cable, Add	*6,979.56*	
27 15 23 00-0095	MLF	36-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,667.87	550.04
27 15 23 00-0096	MLF	48-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,837.71	550.04
		For Aluminum Armored Cable With Sub-Units, Add	*1,393.32*	
		For Steel Armored Cable, Add	*8,926.39*	
27 15 23 00-0097	MLF	60-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,219.88	550.04
27 15 23 00-0098	MLF	72-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,695.60	550.04
27 15 23 00-0099	MLF	96-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,762.44	550.04

27 15 23 00-0100 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit
(27 15 23 00-0085)

27 15 23 00-0101	MLF	1-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,123.81	471.45
27 15 23 00-0102	MLF	2-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,525.47	471.45
27 15 23 00-0103	MLF	4-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,978.62	471.45
27 15 23 00-0104	MLF	6-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,440.85	471.45
		For Aluminum Armored Cable, Add	*273.16*	
		For Steel Armored Cable, Add	*633.03*	
27 15 23 00-0105	MLF	8-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,883.76	471.45
27 15 23 00-0106	MLF	12-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,268.58	471.45
		For Aluminum Armored Cable, Add	*215.27*	
		For Steel Armored Cable, Add	*623.76*	
27 15 23 00-0107	MLF	18-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,156.96	550.04
27 15 23 00-0108	MLF	24-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,443.81	550.04
		For Aluminum Armored Cable With Sub-Units, Add	*1,939.01*	
		For Steel Armored Cable, Add	*4,522.33*	
27 15 23 00-0109	MLF	36-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,707.35	550.04
27 15 23 00-0110	MLF	48-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	13,970.89	550.04
		For Aluminum Armored Cable With Sub-Units, Add	*5,757.82*	
27 15 23 00-0111	MLF	60-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	17,234.43	550.04
27 15 23 00-0112	MLF	72-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	20,497.97	550.04
27 15 23 00-0113	MLF	96-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	27,048.36	550.04
		For Aluminum Armored Cable With Sub-Units, Add	*11,515.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0114		**62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit** *(27 15 23 00-0085)*		
27 15 23 00-0115	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,140.72	471.45
27 15 23 00-0116	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,562.46	471.45
27 15 23 00-0117	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,038.26	471.45
27 15 23 00-0118	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,523.61	471.45
27 15 23 00-0119	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,988.66	471.45
27 15 23 00-0120	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,392.72	471.45
27 15 23 00-0121	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,318.97	550.04
27 15 23 00-0122	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,770.16	550.04
27 15 23 00-0123	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,196.88	550.04
27 15 23 00-0124	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	14,623.60	550.04
27 15 23 00-0125	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	18,050.31	550.04
27 15 23 00-0126	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	21,477.03	550.04
27 15 23 00-0127	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	28,354.94	550.04
27 15 23 00-0128		**Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit** *(27 15 23 00-0084)*		
27 15 23 00-0129		**Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit** *(27 15 23 00-0128)*		
27 15 23 00-0130	MLF	2-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,046.99	471.45
27 15 23 00-0131	MLF	4-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,474.65	471.45
27 15 23 00-0132	MLF	6-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,502.76	471.45
27 15 23 00-0133	MLF	8-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,510.33	471.45
27 15 23 00-0134	MLF	12-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,118.40	471.45
27 15 23 00-0135	MLF	18-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,125.71	550.04
27 15 23 00-0136	MLF	24-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	14,553.91	550.04
27 15 23 00-0137	MLF	36-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	17,583.14	550.04
27 15 23 00-0138	MLF	48-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	21,912.31	550.04
27 15 23 00-0139		**50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit** *(27 15 23 00-0128)*		
27 15 23 00-0140	MLF	2-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,967.04	471.45
27 15 23 00-0141	MLF	4-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,188.09	471.45
27 15 23 00-0142	MLF	6-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,367.63	471.45
27 15 23 00-0143	MLF	8-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,478.44	471.45
27 15 23 00-0144	MLF	12-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,201.66	471.45
27 15 23 00-0145	MLF	18-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	15,322.93	550.04
27 15 23 00-0146	MLF	24-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	17,988.33	550.04
27 15 23 00-0147	MLF	36-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	19,838.94	550.04
27 15 23 00-0148	MLF	48-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	31,687.25	550.04
27 15 23 00-0149		**62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit** *(27 15 23 00-0128)*		
27 15 23 00-0150	MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,176.10	471.45
27 15 23 00-0151	MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,458.21	471.45
27 15 23 00-0152	MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,746.72	471.45
27 15 23 00-0153	MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,913.08	471.45
27 15 23 00-0154	MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,722.46	471.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0155	MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	16,043.24	550.04
27 15 23 00-0156	MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	18,841.91	550.04
27 15 23 00-0157	MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	20,785.06	550.04
27 15 23 00-0158	MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	33,225.78	550.04

27 15 23 00-0159 Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0001)*

Note: For non-conduit installations such as cable trays, surface runways, etc.

27 15 23 00-0160 Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0159)*

27 15 23 00-0161 Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0160)*

27 15 23 00-0162 Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0161)*

27 15 23 00-0163	MLF	1-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,360.41	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0164	MLF	2-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,454.66	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0165	MLF	4-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,486.13	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0166	MLF	6-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,598.20	628.61
		For Aluminum Armored Cable, Add	*842.23*	
		For Steel Armored Cable, Add	*1,644.81*	
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0167	MLF	8-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,630.33	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0168	MLF	12-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,824.56	628.61
		For Aluminum Armored Cable, Add	*888.79*	
		For Steel Armored Cable, Add	*1,727.08*	
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0169	MLF	18-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,895.60	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0170	MLF	24-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,933.11	707.19
		For Aluminum Armored Cable With Sub-Units, Add	*1,780.56*	
		For Steel Armored Cable, Add	*2,342.85*	
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0171	MLF	36-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,721.62	707.19
		For Aluminum Armored Cable With Sub-Units, Add	*1,877.04*	
		For Steel Armored Cable, Add	*2,144.16*	
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0172	MLF	48-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,874.56	707.19
		For Aluminum Armored Cable With Sub-Units, Add	*1,969.39*	
		For Steel Armored Cable, Add	*2,245.50*	
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0173	MLF	60-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,838.96	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0174	MLF	72-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,095.42	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0175	MLF	96-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,444.44	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0176	MLF	120-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,894.41	785.77
		For Work In Restricted Working Space, Add	*392.88*	
27 15 23 00-0177	MLF	144-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,734.01	785.77
		For Work In Restricted Working Space, Add	*392.88*	

27 15 23 00-0178 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0161)*

27 15 23 00-0179	MLF	1-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,387.55	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0180	MLF	2-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,483.65	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0181	MLF	4-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,742.50	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0182	MLF	6-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,014.98	628.61
		For Aluminum Armored Cable, Add	*958.14*	
		For Steel Armored Cable, Add	*1,252.82*	
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0183	MLF	8-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,273.84	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0184	MLF	12-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,805.18	628.61
		For Aluminum Armored Cable, Add	*965.11*	
		For Steel Armored Cable, Add	*1,349.07*	
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0185	MLF	18-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,072.38	707.19
		For Work In Restricted Working Space, Add	*353.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0186	MLF	24-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,993.36	707.19
		For Aluminum Armored Cable With Sub-Units, Add	*875.68*	
		For Steel Armored Cable, Add	*875.68*	
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0187	MLF	36-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,900.72	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0188	MLF	48-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,808.08	707.19
		For Aluminum Armored Cable With Sub-Units, Add	*1,562.67*	
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0189	MLF	60-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,715.44	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0190	MLF	72-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,622.80	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0191	MLF	96-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	16,451.14	707.19
		For Aluminum Armored Cable With Sub-Units, Add	*6,730.26*	
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0192	MLF	120-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	20,396.83	785.77
		For Work In Restricted Working Space, Add	*392.88*	
27 15 23 00-0193	MLF	144-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	24,211.55	785.77
		For Work In Restricted Working Space, Add	*392.88*	

27 15 23 00-0194 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0161)*

27 15 23 00-0195	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,404.55	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0196	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,505.45	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0197	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,777.25	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0198	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,063.35	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0199	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,335.15	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0200	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,893.05	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0201	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,167.06	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0202	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,184.10	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0203	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,186.82	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0204	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,189.55	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0205	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,192.28	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0206	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	13,195.01	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0207	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	17,214.77	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0208	MLF	120-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	21,351.20	785.77
		For Work In Restricted Working Space, Add	*392.88*	
27 15 23 00-0209	MLF	144-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	25,356.65	785.77
		For Work In Restricted Working Space, Add	*392.88*	

27 15 23 00-0210 Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0160)*

27 15 23 00-0211 Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0210)*

27 15 23 00-0212	MLF	2-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,233.94	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0213	MLF	4-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,585.44	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0214	MLF	6-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,358.72	628.61
		For Work In Restricted Working Space, Add	*314.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0215	MLF	8-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,727.76	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0216	MLF	12-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,241.89	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0217	MLF	18-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,582.77	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0218	MLF	24-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,202.55	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0219	MLF	36-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,415.72	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0220	MLF	48-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	13,920.09	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0221		50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0210)*		
27 15 23 00-0222	MLF	2-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,523.55	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0223	MLF	4-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,988.90	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0224	MLF	6-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,756.13	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0225	MLF	8-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,896.46	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0226	MLF	12-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,370.00	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0227	MLF	18-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,072.38	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0228	MLF	24-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,781.35	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0229	MLF	36-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,949.77	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0230	MLF	48-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	14,966.13	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0231		62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0210)*		
27 15 23 00-0232	MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,597.35	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0233	MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,085.96	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0234	MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,891.55	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0235	MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,088.90	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0236	MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,586.12	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0237	MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,367.07	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0238	MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,161.49	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0239	MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,388.33	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0240	MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	15,655.50	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0241		Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0159)*		
27 15 23 00-0242		Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0241)*		
27 15 23 00-0243		Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0242)*		
27 15 23 00-0244	MLF	1-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,351.32	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0245	MLF	2-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,355.90	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0246	MLF	4-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,596.45	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0247	MLF	6-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,624.60	628.61
		For Aluminum Armored Cable, Add	*900.93*	
		For Steel Armored Cable, Add	*5,923.53*	
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0248	MLF	8-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,766.29	628.61
		For Work In Restricted Working Space, Add	*314.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0249	MLF	12-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,792.80	628.61
		For Aluminum Armored Cable, Add	*938.56*	
		For Steel Armored Cable, Add	*6,372.41*	
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0250	MLF	18-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,607.76	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0251	MLF	24-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,518.68	707.19
		For Aluminum Armored Cable With Sub-Units, Add	*908.76*	
		For Steel Armored Cable, Add	*6,979.56*	
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0252	MLF	36-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,929.78	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0253	MLF	48-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,099.62	707.19
		For Aluminum Armored Cable With Sub-Units, Add	*1,393.32*	
		For Steel Armored Cable, Add	*8,926.39*	
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0254	MLF	60-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,481.79	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0255	MLF	72-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,957.51	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0256	MLF	96-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	13,024.35	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0257		**50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed** *(27 15 23 00-0242)*		
27 15 23 00-0258	MLF	1-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,385.72	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0259	MLF	2-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,787.38	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0260	MLF	4-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,240.53	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0261	MLF	6-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,702.76	628.61
		For Aluminum Armored Cable, Add	*273.16*	
		For Steel Armored Cable, Add	*633.03*	
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0262	MLF	8-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,145.67	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0263	MLF	12-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,530.49	628.61
		For Aluminum Armored Cable, Add	*215.27*	
		For Steel Armored Cable, Add	*623.76*	
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0264	MLF	18-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,418.87	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0265	MLF	24-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,705.72	707.19
		For Aluminum Armored Cable With Sub-Units, Add	*1,939.01*	
		For Steel Armored Cable, Add	*4,522.33*	
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0266	MLF	36-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,969.26	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0267	MLF	48-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	14,232.80	707.19
		For Aluminum Armored Cable With Sub-Units, Add	*5,757.82*	
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0268	MLF	60-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	17,496.34	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0269	MLF	72-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	20,759.88	707.19
		For Work In Restricted Working Space, Add	*353.59*	
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0270	MLF	96-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	27,310.27	707.19
		For Work In Restricted Working Space, Add	*353.59*	
		For Aluminum Armored Cable With Sub-Units, Add	*11,515.63*	
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0271		**62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed** *(27 15 23 00-0242)*		
27 15 23 00-0272	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,402.63	628.61
		For Work In Restricted Working Space, Add	*314.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0273	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,824.37	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0274	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,300.17	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0275	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,785.52	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0276	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,250.57	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0277	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,654.63	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0278	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,580.88	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0279	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,032.07	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0280	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,458.79	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0281	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	14,885.51	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0282	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	18,312.22	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0283	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	21,738.94	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0284	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	28,616.85	707.19
		For Work In Restricted Working Space, Add	*353.59*	

27 15 23 00-0285 Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0241)*

27 15 23 00-0286 Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0285)*

27 15 23 00-0287	MLF	2-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,308.90	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0288	MLF	4-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,736.56	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0289	MLF	6-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,764.67	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0290	MLF	8-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,772.24	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0291	MLF	12-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,380.31	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0292	MLF	18-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,387.62	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0293	MLF	24-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	14,815.82	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0294	MLF	36-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	17,845.05	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0295	MLF	48-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	22,174.22	707.19
		For Work In Restricted Working Space, Add	*353.59*	

27 15 23 00-0296 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0285)*

27 15 23 00-0297	MLF	2-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,228.95	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0298	MLF	4-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,450.00	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0299	MLF	6-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,629.54	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0300	MLF	8-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,740.35	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0301	MLF	12-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,463.57	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0302	MLF	18-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	15,584.84	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0303	MLF	24-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	18,250.24	707.19
		For Work In Restricted Working Space, Add	*353.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0304	MLF	36-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	20,100.85	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0305	MLF	48-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	31,949.16	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0306		**62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed** *(27 15 23 00-0285)*		
27 15 23 00-0307	MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,438.01	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0308	MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,720.12	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0309	MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,008.63	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0310	MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,174.99	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0311	MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,984.37	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0312	MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	16,305.15	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0313	MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	19,103.82	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0314	MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	21,046.97	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0315	MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	33,487.69	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0316		**Hybrid, Indoor Fiber Optic Cable, Installed In Conduit** *(27 15 23 00-0001)*		
		Note: Singlemode and multimode combination cable. Excludes conduit or innerduct.		
27 15 23 00-0317		**Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit** *(27 15 23 00-0316)*		
27 15 23 00-0318	MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	1,551.73	471.45
27 15 23 00-0319	MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	2,587.66	471.45
27 15 23 00-0320	MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	5,908.37	550.04
27 15 23 00-0321	MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	9,274.90	550.04
27 15 23 00-0322		**Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit** *(27 15 23 00-0316)*		
27 15 23 00-0323	MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	1,838.32	471.45
27 15 23 00-0324	MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	2,627.98	471.45
27 15 23 00-0325	MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	7,000.07	550.04
27 15 23 00-0326	MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	12,025.82	550.04
27 15 23 00-0327		**Hybrid, Indoor Fiber Optic Cable, Installed Exposed** *(27 15 23 00-0001)*		
		Note: Singlemode and multimode combination cable. For non-conduit installations such as cable trays, surface runways, etc.		
27 15 23 00-0328		**Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed** *(27 15 23 00-0327)*		
27 15 23 00-0329	MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	1,813.64	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0330	MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	2,849.57	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0331	MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	6,170.28	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0332	MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	9,536.81	707.19
		For Work In Restricted Working Space, Add	*353.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0333		Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0327)*		
27 15 23 00-0334	MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	2,100.23	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0335	MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	2,889.89	628.61
		For Work In Restricted Working Space, Add	*314.30*	
27 15 23 00-0336	MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	7,261.98	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0337	MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	12,287.73	707.19
		For Work In Restricted Working Space, Add	*353.59*	
27 15 23 00-0338		Outdoor Fiber Optic Cable *(27 15 23)*		
		Note: Cable buried in trench excludes excavation.		
27 15 23 00-0339		Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0338)*		
		Note: Excludes conduit or innerduct.		
27 15 23 00-0340		Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0339)*		
27 15 23 00-0341		Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0340)*		
27 15 23 00-0342	MLF	2-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,132.80	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*274.16*	
27 15 23 00-0343	MLF	4-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,166.93	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*276.43*	
27 15 23 00-0344	MLF	6-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,201.11	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*278.63*	
27 15 23 00-0345	MLF	8-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,235.27	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*281.30*	
27 15 23 00-0346	MLF	12-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,303.14	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*254.54*	
27 15 23 00-0347	MLF	18-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,441.97	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*283.59*	
27 15 23 00-0348	MLF	24-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,513.33	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*223.25*	
27 15 23 00-0349	MLF	36-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,535.35	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*260.95*	
27 15 23 00-0350	MLF	48-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,943.76	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*287.09*	
27 15 23 00-0351	MLF	60-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,168.93	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*287.06*	
27 15 23 00-0352	MLF	72-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,461.07	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*339.28*	
27 15 23 00-0353	MLF	96-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,975.37	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*325.74*	
27 15 23 00-0354	MLF	120-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,537.32	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*395.55*	
27 15 23 00-0355	MLF	144-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,125.45	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*264.78*	
27 15 23 00-0356		50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0340)*		
27 15 23 00-0357	MLF	2-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,954.29	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*-4.02*	
27 15 23 00-0358	MLF	4-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,032.78	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*41.21*	
27 15 23 00-0359	MLF	6-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,197.21	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*106.57*	
27 15 23 00-0360	MLF	8-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,421.44	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*-64.62*	
27 15 23 00-0361	MLF	12-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,514.87	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*-34.32*	
27 15 23 00-0362	MLF	18-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,832.54	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*-16.15*	
27 15 23 00-0363	MLF	24-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,505.23	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*-87.85*	
27 15 23 00-0364	MLF	36-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,495.59	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*0.01*	
27 15 23 00-0365	MLF	48-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	6,598.06	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*-200.97*	
27 15 23 00-0366	MLF	60-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	7,364.19	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*-100.97*	
27 15 23 00-0367	MLF	72-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	8,354.55	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*464.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0368	MLF	96-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	10,652.93	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*-208.04*	
27 15 23 00-0369	MLF	120-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	12,932.62	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*-278.22*	
27 15 23 00-0370	MLF	144-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	15,212.31	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*-330.75*	

27 15 23 00-0371 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0340)*

27 15 23 00-0372	MLF	2-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,895.97	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*117.24*	
27 15 23 00-0373	MLF	4-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,008.69	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*125.73*	
27 15 23 00-0374	MLF	6-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,121.24	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*134.01*	
27 15 23 00-0375	MLF	8-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,260.28	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*152.56*	
27 15 23 00-0376	MLF	12-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,459.39	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*159.09*	
27 15 23 00-0377	MLF	18-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,811.43	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*169.55*	
27 15 23 00-0378	MLF	24-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,144.90	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*194.99*	
27 15 23 00-0379	MLF	36-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,783.13	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*216.67*	
27 15 23 00-0380	MLF	48-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,529.62	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*249.13*	
27 15 23 00-0381	MLF	60-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,219.10	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*268.08*	
27 15 23 00-0382	MLF	72-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,946.82	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*303.42*	
27 15 23 00-0383	MLF	96-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	7,418.65	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*341.16*	
27 15 23 00-0384	MLF	120-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	8,914.11	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*387.17*	
27 15 23 00-0385	MLF	144-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	10,432.65	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*355.64*	

27 15 23 00-0386 Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0339)*

27 15 23 00-0387 Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0386)*

27 15 23 00-0388	MLF	2-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,328.27	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*216.66*	
27 15 23 00-0389	MLF	4-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,394.82	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*310.97*	
27 15 23 00-0390	MLF	6-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,414.80	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*298.02*	
27 15 23 00-0391	MLF	8-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,494.53	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*248.09*	
27 15 23 00-0392	MLF	12-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,519.41	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*296.51*	
27 15 23 00-0393	MLF	18-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,631.15	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*281.21*	
27 15 23 00-0394	MLF	24-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,731.34	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*284.55*	
27 15 23 00-0395	MLF	36-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,891.16	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*360.84*	
27 15 23 00-0396	MLF	48-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,116.33	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*365.55*	
27 15 23 00-0397	MLF	60-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,340.62	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*378.71*	
27 15 23 00-0398	MLF	72-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,644.71	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*325.76*	
27 15 23 00-0399	MLF	96-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,136.58	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*424.84*	
27 15 23 00-0400	MLF	120-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,780.09	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*418.33*	
27 15 23 00-0401	MLF	144-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,306.68	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*334.16*	

27 15 23 00-0402 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0386)*

27 15 23 00-0403	MLF	2-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,552.65	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*306.60*	
27 15 23 00-0404	MLF	4-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,785.67	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*171.70*	
27 15 23 00-0405	MLF	6-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,092.27	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*36.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0406	MLF	8-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,239.43	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*61.32*	
27 15 23 00-0407	MLF	12-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,386.60	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*61.32*	
27 15 23 00-0408	MLF	18-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,729.99	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*73.58*	
27 15 23 00-0409	MLF	24-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,036.59	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*282.07*	
27 15 23 00-0410	MLF	36-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,698.85	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*551.88*	
27 15 23 00-0411	MLF	48-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,361.11	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*919.80*	
27 15 23 00-0412	MLF	60-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,912.99	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,011.78*	
27 15 23 00-0413	MLF	72-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	6,636.56	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,287.72*	
27 15 23 00-0414	MLF	96-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	8,145.03	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,900.92*	
27 15 23 00-0415	MLF	120-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	8,905.40	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,434.89*	
27 15 23 00-0416	MLF	144-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	10,855.38	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*3,495.24*	

27 15 23 00-0417 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0386)*

27 15 23 00-0418	MLF	2-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,972.09	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*147.16*	
27 15 23 00-0419	MLF	4-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,082.46	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*159.09*	
27 15 23 00-0420	MLF	6-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,192.66	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*170.99*	
27 15 23 00-0421	MLF	8-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,303.03	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*182.89*	
27 15 23 00-0422	MLF	12-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,588.95	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*196.71*	
27 15 23 00-0423	MLF	18-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,869.32	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*230.52*	
27 15 23 00-0424	MLF	24-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,212.87	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*250.38*	
27 15 23 00-0425	MLF	36-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,877.84	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*309.36*	
27 15 23 00-0426	MLF	48-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,555.24	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*354.44*	
27 15 23 00-0427	MLF	60-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,234.97	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*394.69*	
27 15 23 00-0428	MLF	72-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,949.70	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*440.14*	
27 15 23 00-0429	MLF	96-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	7,400.07	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*518.98*	
27 15 23 00-0430	MLF	120-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	9,272.10	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*536.50*	
27 15 23 00-0431	MLF	144-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	10,369.17	942.92
		For Corrugated Coated Steel Tape Armored Cable, Add	*553.84*	

27 15 23 00-0432 Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0338)*

Note: Excludes trenching.

27 15 23 00-0433 Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0432)*

27 15 23 00-0434 Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0433)*

27 15 23 00-0435	MLF	2-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,001.84	
		For Corrugated Coated Steel Tape Armored Cable, Add	*274.16*	
27 15 23 00-0436	MLF	4-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,035.97	
		For Corrugated Coated Steel Tape Armored Cable, Add	*276.43*	
27 15 23 00-0437	MLF	6-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,070.15	
		For Corrugated Coated Steel Tape Armored Cable, Add	*278.63*	
27 15 23 00-0438	MLF	8-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,104.31	
		For Corrugated Coated Steel Tape Armored Cable, Add	*281.30*	
27 15 23 00-0439	MLF	12-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,172.18	
		For Corrugated Coated Steel Tape Armored Cable, Add	*254.54*	
27 15 23 00-0440	MLF	18-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,311.01	
		For Corrugated Coated Steel Tape Armored Cable, Add	*283.59*	
27 15 23 00-0441	MLF	24-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,382.37	
		For Corrugated Coated Steel Tape Armored Cable, Add	*223.25*	
27 15 23 00-0442	MLF	36-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,404.39	
		For Corrugated Coated Steel Tape Armored Cable, Add	*260.95*	
27 15 23 00-0443	MLF	48-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,812.80	
		For Corrugated Coated Steel Tape Armored Cable, Add	*287.09*	
27 15 23 00-0444	MLF	60-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,325.03	
		For Corrugated Coated Steel Tape Armored Cable, Add	*287.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0445	MLF	72-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,669.39	
		For Corrugated Coated Steel Tape Armored Cable, Add	*339.28*	
27 15 23 00-0446	MLF	96-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,844.41	
		For Corrugated Coated Steel Tape Armored Cable, Add	*325.74*	
27 15 23 00-0447	MLF	120-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,406.36	
		For Corrugated Coated Steel Tape Armored Cable, Add	*395.55*	
27 15 23 00-0448	MLF	144-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,994.49	
		For Corrugated Coated Steel Tape Armored Cable, Add	*264.78*	
27 15 23 00-0449		50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0433)*		
27 15 23 00-0450	MLF	2-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,823.33	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-4.02*	
27 15 23 00-0451	MLF	4-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,901.82	
		For Corrugated Coated Steel Tape Armored Cable, Add	*41.21*	
27 15 23 00-0452	MLF	6-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,066.25	
		For Corrugated Coated Steel Tape Armored Cable, Add	*106.57*	
27 15 23 00-0453	MLF	8-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,290.48	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-64.62*	
27 15 23 00-0454	MLF	12-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,383.91	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-34.32*	
27 15 23 00-0455	MLF	18-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,701.58	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-16.15*	
27 15 23 00-0456	MLF	24-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,374.27	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-87.85*	
27 15 23 00-0457	MLF	36-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,364.63	
		For Corrugated Coated Steel Tape Armored Cable, Add	*0.01*	
27 15 23 00-0458	MLF	48-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	6,467.10	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-200.97*	
27 15 23 00-0459	MLF	60-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	7,233.23	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-100.97*	
27 15 23 00-0460	MLF	72-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	8,223.59	
		For Corrugated Coated Steel Tape Armored Cable, Add	*464.14*	
27 15 23 00-0461	MLF	96-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	10,521.97	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-208.04*	
27 15 23 00-0462	MLF	120-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	12,801.66	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-278.22*	
27 15 23 00-0463	MLF	144-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	15,081.35	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-330.75*	
27 15 23 00-0464		62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0433)*		
27 15 23 00-0465	MLF	2-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,765.01	
		For Corrugated Coated Steel Tape Armored Cable, Add	*117.24*	
27 15 23 00-0466	MLF	4-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,877.73	
		For Corrugated Coated Steel Tape Armored Cable, Add	*125.73*	
27 15 23 00-0467	MLF	6-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,990.28	
		For Corrugated Coated Steel Tape Armored Cable, Add	*134.01*	
27 15 23 00-0468	MLF	8-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,129.32	
		For Corrugated Coated Steel Tape Armored Cable, Add	*152.56*	
27 15 23 00-0469	MLF	12-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,328.43	
		For Corrugated Coated Steel Tape Armored Cable, Add	*159.09*	
27 15 23 00-0470	MLF	18-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,680.47	
		For Corrugated Coated Steel Tape Armored Cable, Add	*169.55*	
27 15 23 00-0471	MLF	24-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,013.94	
		For Corrugated Coated Steel Tape Armored Cable, Add	*194.99*	
27 15 23 00-0472	MLF	36-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,652.17	
		For Corrugated Coated Steel Tape Armored Cable, Add	*216.67*	
27 15 23 00-0473	MLF	48-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,398.66	
		For Corrugated Coated Steel Tape Armored Cable, Add	*249.13*	
27 15 23 00-0474	MLF	60-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,088.14	
		For Corrugated Coated Steel Tape Armored Cable, Add	*268.08*	
27 15 23 00-0475	MLF	72-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,815.86	
		For Corrugated Coated Steel Tape Armored Cable, Add	*303.42*	
27 15 23 00-0476	MLF	96-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	7,287.69	
		For Corrugated Coated Steel Tape Armored Cable, Add	*341.16*	
27 15 23 00-0477	MLF	120-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	8,783.15	
		For Corrugated Coated Steel Tape Armored Cable, Add	*387.17*	
27 15 23 00-0478	MLF	144-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	10,301.69	
		For Corrugated Coated Steel Tape Armored Cable, Add	*355.64*	
27 15 23 00-0479		Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0432)*		
27 15 23 00-0480		Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0479)*		
27 15 23 00-0481	MLF	2-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,197.31	
		For Corrugated Coated Steel Tape Armored Cable, Add	*216.66*	
27 15 23 00-0482	MLF	4-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,263.86	
		For Corrugated Coated Steel Tape Armored Cable, Add	*310.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0483	MLF	6-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,283.84	
		For Corrugated Coated Steel Tape Armored Cable, Add	*298.02*	
27 15 23 00-0484	MLF	8-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,363.57	
		For Corrugated Coated Steel Tape Armored Cable, Add	*248.09*	
27 15 23 00-0485	MLF	12-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,388.45	
		For Corrugated Coated Steel Tape Armored Cable, Add	*296.51*	
27 15 23 00-0486	MLF	18-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,500.19	
		For Corrugated Coated Steel Tape Armored Cable, Add	*281.21*	
27 15 23 00-0487	MLF	24-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,600.38	
		For Corrugated Coated Steel Tape Armored Cable, Add	*284.55*	
27 15 23 00-0488	MLF	36-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,760.20	
		For Corrugated Coated Steel Tape Armored Cable, Add	*360.84*	
27 15 23 00-0489	MLF	48-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,985.37	
		For Corrugated Coated Steel Tape Armored Cable, Add	*365.55*	
27 15 23 00-0490	MLF	60-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,209.66	
		For Corrugated Coated Steel Tape Armored Cable, Add	*378.71*	
27 15 23 00-0491	MLF	72-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,513.75	
		For Corrugated Coated Steel Tape Armored Cable, Add	*325.76*	
27 15 23 00-0492	MLF	96-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,005.62	
		For Corrugated Coated Steel Tape Armored Cable, Add	*424.84*	
27 15 23 00-0493	MLF	120-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,649.13	
		For Corrugated Coated Steel Tape Armored Cable, Add	*418.33*	
27 15 23 00-0494	MLF	144-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,175.72	
		For Corrugated Coated Steel Tape Armored Cable, Add	*334.16*	

27 15 23 00-0495 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0479)*

27 15 23 00-0496	MLF	2-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,421.69	
		For Corrugated Coated Steel Tape Armored Cable, Add	*306.60*	
27 15 23 00-0497	MLF	4-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,654.71	
		For Corrugated Coated Steel Tape Armored Cable, Add	*171.70*	
27 15 23 00-0498	MLF	6-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,961.31	
		For Corrugated Coated Steel Tape Armored Cable, Add	*36.79*	
27 15 23 00-0499	MLF	8-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,108.47	
		For Corrugated Coated Steel Tape Armored Cable, Add	*61.32*	
27 15 23 00-0500	MLF	12-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,255.64	
		For Corrugated Coated Steel Tape Armored Cable, Add	*61.32*	
27 15 23 00-0501	MLF	18-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,599.03	
		For Corrugated Coated Steel Tape Armored Cable, Add	*73.58*	
27 15 23 00-0502	MLF	24-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,905.63	
		For Corrugated Coated Steel Tape Armored Cable, Add	*282.07*	
27 15 23 00-0503	MLF	36-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,567.89	
		For Corrugated Coated Steel Tape Armored Cable, Add	*551.88*	
27 15 23 00-0504	MLF	48-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,230.15	
		For Corrugated Coated Steel Tape Armored Cable, Add	*919.80*	
27 15 23 00-0505	MLF	60-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,782.03	
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,011.78*	
27 15 23 00-0506	MLF	72-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	6,505.60	
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,287.72*	
27 15 23 00-0507	MLF	96-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	8,014.07	
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,900.92*	
27 15 23 00-0508	MLF	120-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	8,774.44	
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,434.89*	
27 15 23 00-0509	MLF	144-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	10,724.42	
		For Corrugated Coated Steel Tape Armored Cable, Add	*3,495.24*	

27 15 23 00-0510 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0479)*

27 15 23 00-0511	MLF	2-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,841.13	
		For Corrugated Coated Steel Tape Armored Cable, Add	*147.16*	
27 15 23 00-0512	MLF	4-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,951.50	
		For Corrugated Coated Steel Tape Armored Cable, Add	*159.09*	
27 15 23 00-0513	MLF	6-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,061.70	
		For Corrugated Coated Steel Tape Armored Cable, Add	*170.99*	
27 15 23 00-0514	MLF	8-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,172.07	
		For Corrugated Coated Steel Tape Armored Cable, Add	*182.89*	
27 15 23 00-0515	MLF	12-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,457.99	
		For Corrugated Coated Steel Tape Armored Cable, Add	*196.71*	
27 15 23 00-0516	MLF	18-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,738.36	
		For Corrugated Coated Steel Tape Armored Cable, Add	*230.52*	
27 15 23 00-0517	MLF	24-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,081.91	
		For Corrugated Coated Steel Tape Armored Cable, Add	*250.38*	
27 15 23 00-0518	MLF	36-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,746.88	
		For Corrugated Coated Steel Tape Armored Cable, Add	*309.36*	
27 15 23 00-0519	MLF	48-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,424.28	
		For Corrugated Coated Steel Tape Armored Cable, Add	*354.44*	
27 15 23 00-0520	MLF	60-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,104.01	
		For Corrugated Coated Steel Tape Armored Cable, Add	*394.69*	
27 15 23 00-0521	MLF	72-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,818.74	
		For Corrugated Coated Steel Tape Armored Cable, Add	*440.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0522	MLF	96-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	7,269.11	
		For Corrugated Coated Steel Tape Armored Cable, Add	*518.98*	
27 15 23 00-0523	MLF	120-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	8,814.35	
		For Corrugated Coated Steel Tape Armored Cable, Add	*536.50*	
27 15 23 00-0524	MLF	144-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	10,238.21	
		For Corrugated Coated Steel Tape Armored Cable, Add	*553.84*	
27 15 23 00-0525		(Aerial) Outdoor Fiber Optic Cable, Installed On Poles *(27 15 23 00-0338)*		
27 15 23 00-0526		Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles *(27 15 23 00-0525)*		
27 15 23 00-0527		Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles *(27 15 23 00-0526)*		
27 15 23 00-0528	MLF	2-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	10,125.56	3,523.05
		For Corrugated Coated Steel Tape Armored Cable, Add	*183.37*	
27 15 23 00-0529	MLF	4-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	10,159.47	3,523.05
		For Corrugated Coated Steel Tape Armored Cable, Add	*188.12*	
27 15 23 00-0530	MLF	6-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	10,193.83	3,523.05
		For Corrugated Coated Steel Tape Armored Cable, Add	*192.74*	
27 15 23 00-0531	MLF	8-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	10,227.75	3,523.05
		For Corrugated Coated Steel Tape Armored Cable, Add	*189.05*	
27 15 23 00-0532	MLF	12-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	10,295.61	3,523.05
		For Corrugated Coated Steel Tape Armored Cable, Add	*220.40*	
27 15 23 00-0533	MLF	18-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	10,429.61	3,523.05
		For Corrugated Coated Steel Tape Armored Cable, Add	*229.13*	
27 15 23 00-0534	MLF	24-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	10,531.80	3,523.05
		For Corrugated Coated Steel Tape Armored Cable, Add	*253.25*	
27 15 23 00-0535	MLF	36-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	10,774.78	3,523.05
		For Corrugated Coated Steel Tape Armored Cable, Add	*242.83*	
27 15 23 00-0536	MLF	48-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	10,987.26	3,523.05
		For Corrugated Coated Steel Tape Armored Cable, Add	*282.11*	
27 15 23 00-0537	MLF	60-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	11,162.92	3,523.05
		For Corrugated Coated Steel Tape Armored Cable, Add	*270.52*	
27 15 23 00-0538	MLF	72-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	11,382.04	3,523.05
		For Corrugated Coated Steel Tape Armored Cable, Add	*309.29*	
27 15 23 00-0539	MLF	96-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	11,957.14	3,523.05
		For Corrugated Coated Steel Tape Armored Cable, Add	*314.13*	
27 15 23 00-0540	MLF	120-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	12,574.15	3,523.05
		For Corrugated Coated Steel Tape Armored Cable, Add	*374.84*	
27 15 23 00-0541	MLF	144-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	12,722.07	3,523.05
		For Corrugated Coated Steel Tape Armored Cable, Add	*402.49*	
27 15 23 00-0542		Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0338)*		
		Note: Singlemode and multimode combination cable. Excludes conduit or innerduct.		
27 15 23 00-0543		Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0542)*		
27 15 23 00-0544	MLF	12-Fiber, 6 Singlemode/6 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	3,940.62	785.77
27 15 23 00-0545	MLF	24-Fiber, 12 Singlemode/12 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	4,933.52	785.77
27 15 23 00-0546	MLF	48-Fiber, 24 Singlemode/24 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	7,145.37	785.77
27 15 23 00-0547		Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0542)*		
27 15 23 00-0548	MLF	12-Fiber, 6 Singlemode/6 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	5,207.02	785.77
27 15 23 00-0549	MLF	24-Fiber, 12 Singlemode/12 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	5,771.28	785.77
27 15 23 00-0550	MLF	48-Fiber, 24 Singlemode/24 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	8,239.48	785.77
27 15 23 00-0551		Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0338)*		
		Note: Singlemode and multimode combination cable. Excludes trenching.		
27 15 23 00-0552		Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0551)*		
27 15 23 00-0553	MLF	12-Fiber, 6 Singlemode/6 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	3,809.66	720.28
27 15 23 00-0554	MLF	24-Fiber, 12 Singlemode/12 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	4,802.56	720.28
27 15 23 00-0555	MLF	48-Fiber, 24 Singlemode/24 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	7,014.41	720.28
27 15 23 00-0556		Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0551)*		
27 15 23 00-0557	MLF	12-Fiber, 6 Singlemode/6 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	5,076.06	720.28
27 15 23 00-0558	MLF	24-Fiber, 12 Singlemode/12 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	5,640.32	720.28
27 15 23 00-0559	MLF	48-Fiber, 24 Singlemode/24 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	8,108.52	720.28

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

27 15 33 Communications Coaxial Horizontal Cabling *(27 15)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.

27 15 33 00-0001 Indoor Coaxial Cable *(27 15 33)*

27 15 33 00-0002 Coaxial, Indoor Telecommunications Cable *(27 15 33 00-0001)*

27 15 33 00-0003 Coaxial, Indoor Telecommunications Cable, Installed In Conduit *(27 15 33 00-0002)*

27 15 33 00-0004	MLF	RG 59/U Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 9108)	1,917.43	550.04
27 15 33 00-0005	MLF	RG 59/U Plenum Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 82108)	4,771.75	550.04
27 15 33 00-0006	MLF	RG 6/U Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 9114)	1,529.56	628.61
27 15 33 00-0007	MLF	RG 6/U Plenum Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 82120)	6,027.09	628.61

27 15 33 00-0008 Coaxial, Indoor Telecommunications Cable, Installed Exposed *(27 15 33 00-0002)*

27 15 33 00-0009	MLF	RG 59/U Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 9108)	2,834.15	1,100.07
		For Work In Restricted Working Space, Add	*550.04*	
27 15 33 00-0010	MLF	RG 59/U Plenum Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 82108)	5,688.47	1,100.07
		For Work In Restricted Working Space, Add	*550.04*	
27 15 33 00-0011	MLF	RG 6/U Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 9114)	2,577.25	1,257.22
		For Work In Restricted Working Space, Add	*628.61*	
27 15 33 00-0012	MLF	RG 6/U Plenum Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 82120)	7,074.78	1,257.22
		For Work In Restricted Working Space, Add	*628.61*	

27 15 43 Communications Faceplates and Connectors *(27 15)*

27 15 43 00-0001 Wall Mounted Telephone Faceplates *(27 15 43)*

Note: Includes standard telephone mounting studs.

27 15 43 00-0002 Plastic Faceplates For Wall Mounted Telephones *(27 15 43 00-0001)*

27 15 43 00-0003	EA	Single Gang, 6-Position RJ25 Jack, Flush, Plastic Faceplate For Wall Mounted Telephones	41.80	16.37

27 15 43 00-0004 Stainless Steel Faceplates For Wall Mounted Telephones *(27 15 43 00-0001)*

27 15 43 00-0005	EA	Single Gang, Keystone Opening, Flush, Stainless Steel Faceplate For Wall Mounted Telephones Note: Requires one snap-in modular jack.	40.88	6.54
27 15 43 00-0006	EA	Single Gang, 6-Position RJ25 Jack, Flush, Stainless Steel Faceplate For Wall Mounted Telephones	70.25	16.37
27 15 43 00-0007	EA	Single Gang, 8-Position RJ45 Jack, Flush, Stainless Steel Faceplate For Wall Mounted Telephones	81.67	19.64
27 15 43 00-0008	EA	Single Gang, Keystone Opening, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones Note: Requires one snap-in modular jack.	39.25	6.54
27 15 43 00-0009	EA	Single Gang, 6-Position RJ25 Jack, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones	63.40	16.37
27 15 43 00-0010	EA	Single Gang, 8-Position RJ45 Jack, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones	75.00	19.64

27 15 43 00-0011 Plastic Communications Faceplates *(27 15 43)*

Note: Excludes modular jacks. See CSI section 27 15 43 00-0051 for modular jacks.

27 15 43 00-0012	EA	One Port, Single Gang, Plastic Communication Faceplate With Station ID	11.01	3.28
27 15 43 00-0013	EA	Two Port, Single Gang, Plastic Communication Faceplate With Station ID	11.01	3.28
27 15 43 00-0014	EA	Three Port, Single Gang, Plastic Communication Faceplate With Station ID	11.01	3.28
27 15 43 00-0015	EA	Four Port, Single Gang, Plastic Communication Faceplate With Station ID	11.01	3.28
27 15 43 00-0016	EA	Six Port, Single Gang, Plastic Communication Faceplate With Station ID	11.01	3.28
27 15 43 00-0017	EA	Four Port, Double Gang, Plastic Communications Faceplate With Station ID	18.14	3.28
27 15 43 00-0018	EA	Six Port, Double Gang, Plastic Communication Faceplate With Station ID	18.14	3.28
27 15 43 00-0019	EA	Eight Port, Double Gang, Plastic Communication Faceplate With Station ID	18.14	3.28
27 15 43 00-0020	EA	Nine Port, Double Gang, Plastic Communication Faceplate With Station ID	18.14	3.28
27 15 43 00-0021	EA	Twelve Port, Double Gang, Plastic Communication Faceplate With Station ID	18.14	3.28

27 15 43 00-0022 Stainless Steel Communications Faceplates *(27 15 43)*

Note: Excludes modular jacks. See CSI section 27 15 43 00-0051 for modular jacks.

27 15 43 00-0023 Stainless Steel Communications Faceplates *(27 15 43 00-0022)*

27 15 43 00-0024	EA	One Port, Single Gang, Stainless Steel Communications Faceplate	21.83	3.28
27 15 43 00-0025	EA	Two Port, Single Gang, Stainless Steel Communications Faceplate	21.83	3.28
27 15 43 00-0026	EA	Three Port, Single Gang, Stainless Steel Communications Faceplate	21.83	3.28
27 15 43 00-0027	EA	Four Port, Single Gang, Stainless Steel Communications Faceplate	23.41	3.28
27 15 43 00-0028	EA	Six Port, Single Gang, Stainless Steel Communications Faceplate	23.41	3.28
27 15 43 00-0029	EA	Four Port, Double Gang, Stainless Steel Communications Faceplate	31.94	3.28
27 15 43 00-0030	EA	Six Port, Double Gang, Stainless Steel Communications Faceplate	32.94	3.28
27 15 43 00-0031	EA	Eight Port, Double Gang, Stainless Steel Communications Faceplate	38.29	3.28
27 15 43 00-0032	EA	Nine Port, Double Gang, Stainless Steel Communication Faceplate	38.29	3.28
27 15 43 00-0033	EA	Twelve Port, Double Gang, Stainless Steel Communications Faceplate	38.29	3.28

27 15 43 00-0034 Stainless Steel Communications Faceplates With Station ID *(27 15 43 00-0022)*

27 15 43 00-0035	EA	One Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	31.75	3.28
27 15 43 00-0036	EA	Two Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	31.75	3.28
27 15 43 00-0037	EA	Three Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	31.75	3.28
27 15 43 00-0038	EA	Four Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	31.75	3.28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 43 00-0039	EA	Six Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	31.75	3.28
27 15 43 00-0040	EA	Four Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	69.64	3.28
27 15 43 00-0041	EA	Six Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	69.64	3.28
27 15 43 00-0042	EA	Eight Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	69.64	3.28
27 15 43 00-0043	EA	Nine Port, Double Gang, Stainless Steel Communication Faceplate With Station ID	69.64	3.28
27 15 43 00-0044	EA	Twelve Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	69.64	3.28
27 15 43 00-0045		**Surface Mount Plastic Communication Boxes** *(27 15 43)*		
		Note: Excludes modular jacks. See CSI section 27 15 43 00-0051 for modular jacks.		
27 15 43 00-0046	EA	One Port, Surface Mount Plastic Communication Box With Station ID	38.44	16.40
27 15 43 00-0047	EA	Two Port, Surface Mount Plastic Communication Box With Station ID	39.44	16.40
27 15 43 00-0048	EA	Four Port, Surface Mount Plastic Communication Box With Station ID	46.28	16.40
27 15 43 00-0049	EA	Six Port, Surface Mount Plastic Communication Box With Station ID	54.42	16.40
27 15 43 00-0050	EA	Twelve Port, Surface Mount Plastic Communication Box With Station ID	62.95	16.40
27 15 43 00-0051		**Snap-In Modular Jacks** *(27 15 43)*		
		Note: Includes termination.		
27 15 43 00-0052	EA	Cat 3, Snap-In Modular Jack	37.54	13.12
27 15 43 00-0053	EA	Category 5E, Snap-In Modular Jack	39.72	13.12
27 15 43 00-0054	EA	Category 5E Shielded, Snap-In Modular Jack	46.27	13.12
27 15 43 00-0055	EA	Cat 6, Snap-In Modular Jack	46.27	13.12
27 15 43 00-0056	EA	Cat 6 Shielded, Snap-In Modular Jack	53.61	13.12
27 15 43 00-0057	EA	Cat 6A, Snap-In Modular Jack	54.72	13.12
27 15 43 00-0058	EA	Voice, RJ-11, Snap-In Modular Jack	26.41	6.55
27 15 43 00-0059	EA	SC Type Fiber Optic, Snap-In Modular Jack	42.50	13.12
27 15 43 00-0060	EA	ST Type Fiber Optic, Snap-In Modular Jack	48.05	13.12
27 15 43 00-0061	EA	LC Type Fiber Optic, Snap-In Modular Jack	58.97	13.12
27 15 43 00-0062	EA	Blank Fill In, Snap-In Modular Jack	7.58	3.28
27 15 43 00-0063	EA	Open Cable Pass Through Insert, Snap-In Modular Jack	8.89	3.28
27 15 43 00-0064	EA	Coaxial F-Type Coupler, Snap-In Modular Jack	31.77	9.83
		Note: Includes female to female connection.		
		For Gold Bulkhead, Add	*2.12*	
27 15 43 00-0065	EA	RCA Jack Pass-Through Coupler, Snap-In Modular Jack	32.17	9.83
		Note: Includes female to female connection.		
27 15 43 00-0066	EA	RCA Solder Coupler, Snap-In Modular Jack	61.79	13.12
27 15 43 00-0067	EA	RCA Jack With 110 Punch Down, Snap-In Modular Jack	77.86	13.12
27 15 43 00-0068	EA	3.5 m Mini Stereo Jack, Snap-In Modular Jack	39.13	13.12
27 15 43 00-0069	EA	MT-RJ Pass-Through Coupler, Snap-In Modular Jack	43.83	6.55
27 15 43 00-0070	EA	BNC Connector, Snap-In Modular Jack	45.67	13.12
27 15 43 00-0071	EA	S-Video With 110 Punch Down, Snap-In Modular Jack	51.62	13.12
27 15 43 00-0072	PR	Speaker Connectors, Snap-In Modular Jack	67.60	19.67
		Note: Includes a pair of binding posts, banana jacks or spring clip connectors. Requires two open ports.		
27 15 43 00-0073	EA	USB Audio Video Connector, Snap-In Modular Jack	79.00	13.12
27 15 53		**Communications Cable Innerduct** *(27 15)*		
		Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.		
27 15 53 00-0001		**Indoor Innerduct** *(27 15 53)*		
27 15 53 00-0002		**Indoor Innerduct, Installed In Conduit** *(27 15 53 00-0001)*		
27 15 53 00-0003		**Riser Rated, Indoor Innerduct, Installed In Conduit** *(27 15 53 00-0002)*		
27 15 53 00-0004	MLF	1" Riser Rated, Indoor Innerduct, Installed In Conduit	5,194.24	1,964.41
27 15 53 00-0005	MLF	1-1/4" Riser Rated, Indoor Innerduct, Installed In Conduit	6,719.23	2,619.21
27 15 53 00-0006	MLF	1-1/2" Riser Rated, Indoor Innerduct, Installed In Conduit	8,944.25	3,274.01
27 15 53 00-0007	MLF	2" Riser Rated, Indoor Innerduct, Installed In Conduit	10,442.31	3,928.82
27 15 53 00-0008		**Plenum Rated, Indoor Innerduct, Installed In Conduit** *(27 15 53 00-0002)*		
27 15 53 00-0009	MLF	3/4" Plenum Rated, Indoor Innerduct, Installed In Conduit	7,728.54	1,309.61
27 15 53 00-0010	MLF	1" Plenum Rated, Indoor Innerduct, Installed In Conduit	8,654.58	1,964.41
27 15 53 00-0011	MLF	1-1/4" Plenum Rated, Indoor Innerduct, Installed In Conduit	10,929.44	2,619.21
27 15 53 00-0012	MLF	1-1/2" Plenum Rated, Indoor Innerduct, Installed In Conduit	14,048.91	3,274.01
27 15 53 00-0013	MLF	2" Plenum Rated, Indoor Innerduct, Installed In Conduit	16,906.95	3,928.82
27 15 53 00-0014		**Indoor Innerduct, Installed Exposed** *(27 15 53 00-0001)*		
27 15 53 00-0015		**Riser Rated, Indoor Innerduct, Installed Exposed** *(27 15 53 00-0014)*		
27 15 53 00-0016	MLF	1" Riser Rated, Indoor Innerduct, Installed Exposed	6,503.84	2,619.21
		For Work In Restricted Working Space, Add	*1,571.53*	
27 15 53 00-0017	MLF	1-1/4" Riser Rated, Indoor Innerduct, Installed Exposed	8,028.84	3,274.01
		For Work In Restricted Working Space, Add	*1,964.41*	
27 15 53 00-0018	MLF	1-1/2" Riser Rated, Indoor Innerduct, Installed Exposed	10,253.85	3,928.82
		For Work In Restricted Working Space, Add	*2,357.29*	
27 15 53 00-0019	MLF	2" Riser Rated, Indoor Innerduct, Installed Exposed	11,751.91	4,583.62
		For Work In Restricted Working Space, Add	*2,750.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 53 00-0020		Plenum Rated, Indoor Innerduct, Installed Exposed *(27 15 53 00-0014)*		
27 15 53 00-0021	MLF	3/4" Plenum Rated, Indoor Innerduct, Installed Exposed	9,038.14	1,964.41
27 15 53 00-0022	MLF	1" Plenum Rated, Indoor Innerduct, Installed Exposed	9,964.18	2,619.21
		For Work In Restricted Working Space, Add	*1,571.53*	
27 15 53 00-0023	MLF	1-1/4" Plenum Rated, Indoor Innerduct, Installed Exposed	12,239.05	3,274.01
		For Work In Restricted Working Space, Add	*1,964.41*	
27 15 53 00-0024	MLF	1-1/2" Plenum Rated, Indoor Innerduct, Installed Exposed	15,358.51	3,928.82
		For Work In Restricted Working Space, Add	*2,357.29*	
27 15 53 00-0025	MLF	2" Plenum Rated, Indoor Innerduct, Installed Exposed	18,216.55	4,583.62
		For Work In Restricted Working Space, Add	*2,750.17*	
27 15 53 00-0026		Outdoor Innerduct *(27 15 53)*		
27 15 53 00-0027		Outdoor Innerduct, Installed In Conduit *(27 15 53 00-0026)*		
27 15 53 00-0028	MLF	1" Outdoor Innerduct, Installed In Conduit	4,871.15	1,964.41
27 15 53 00-0029	MLF	1-1/4" Outdoor Innerduct, Installed In Conduit	6,242.79	2,619.21
27 15 53 00-0030	MLF	1-1/2" Outdoor Innerduct, Installed In Conduit	7,980.91	3,274.01
27 15 53 00-0031	MLF	2" Outdoor Innerduct, Installed In Conduit	9,530.67	3,928.82
27 15 53 00-0032		Outdoor Innerduct, Buried In Trench *(27 15 53 00-0026)*		
27 15 53 00-0033	MLF	1" Outdoor Innerduct, Buried In Trench	3,561.54	
27 15 53 00-0034	MLF	1-1/4" Outdoor Innerduct, Buried In Trench	4,933.19	
27 15 53 00-0035	MLF	1-1/2" Outdoor Innerduct, Buried In Trench	6,671.30	
27 15 53 00-0036	MLF	2" Outdoor Innerduct, Buried In Trench	8,221.07	

27 16 Communications Connecting Cords, Devices, and Adapters *(27 10)*

27 16 16 Communications Media Converters, Adapters, and Transceivers *(27 16)*

27 16 16 00-0001		Fiber Optic Receivers *(27 16 16)*		
27 16 16 00-0002	EA	Fiber Optic Receiver, Range 6.2 Miles	1,317.99	65.48
27 16 16 00-0003		Fiber Optic Transmitters *(27 16 16)*		
27 16 16 00-0004	EA	Fiber Optic Transmitter, Range 6.2 Miles	1,317.98	65.48
27 16 16 00-0005		Fiber Optic Repeaters *(27 16 16)*		
		Note: Consist of transmitter and receiver, back-to-back. Excludes power source.		
27 16 16 00-0006	EA	Fiber Optic Repeater, 6.2 Miles Transmitter And Receiver Back-Back, No Power	1,448.94	130.96
27 16 16 00-0007	EA	Fiber Optic Digital Repeater, 2,000 Miles Transmitter And Receiver Back-Back, No Power	2,235.78	261.92
27 16 16 00-0008		Fiber Optic Transceivers *(27 16 16)*		
27 16 16 00-0009	EA	Fiber Optic Transceivers, 3,000 Miles Range	1,430.59	261.92
27 16 16 00-0010	EA	Fiber Optic Transceivers, Digital 2,000 Miles Range	1,430.59	261.92
27 16 16 00-0011	EA	Fiber Optic Ethernet Transceiver	1,894.92	392.88
27 16 16 00-0012	EA	Transceiver (Low Cost Bi- Directional)	722.71	98.22

27 16 19 Communications Patch Cords, Station Cords, and Cross Connect Wire *(27 16)*

27 16 19 00-0001		Cross Connect Wire *(27 16 19)*		
		Note: Up to 20' length.		
27 16 19 00-0002	EA	2-Pair Cross Connect Wire	21.13	
27 16 19 00-0003	EA	3-Pair Cross Connect Wire	28.32	
27 16 19 00-0004	EA	4-Pair Cross Connect Wire	35.42	
27 16 19 00-0005		Fiber Optic Patch Cords *(27 16 19)*		
27 16 19 00-0006		Simplex Fiber Optic Patch Cables *(27 16 19 00-0005)*		
27 16 19 00-0007		Singlemode, Simplex Fiber Optic Patch Cables *(27 16 19 00-0006)*		
27 16 19 00-0008	EA	ST To ST Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	59.28	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0009	EA	ST To SC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	48.12	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0010	EA	ST To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	62.62	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0011	EA	SC To SC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	50.67	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0012	EA	SC To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	58.81	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0013	EA	LC To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	57.91	
		For Each Additional Meter In Length, Add	*0.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

27 16 19 00-0014 Duplex Fiber Optic Patch Cables *(27 16 19 00-0005)*

27 16 19 00-0015 Singlemode, Duplex Fiber Optic Patch Cables *(27 16 19 00-0014)*

27 16 19 00-0016	EA	ST To ST Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	104.11	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0017	EA	ST To SC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	100.97	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0018	EA	ST To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	112.15	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0019	EA	SC To SC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	86.93	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0020	EA	SC To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	103.18	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0021	EA	LC To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	101.41	
		For Each Additional Meter In Length, Add	*0.51*	

27 16 19 00-0022 Multimode, Duplex Fiber Optic Patch Cables *(27 16 19 00-0014)*

27 16 19 00-0023	EA	ST To ST Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	78.33	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0024	EA	ST To SC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	85.62	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0025	EA	ST To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	86.37	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0026	EA	ST To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	88.71	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0027	EA	SC To SC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	78.64	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0028	EA	SC To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	89.12	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0029	EA	SC To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	104.94	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0030	EA	MTRJ To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	71.92	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0031	EA	LC To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	87.76	
		For Each Additional Meter In Length, Add	*1.48*	

27 16 19 00-0032 Fiber Optic Cable Pig Tail *(27 16 19)*

27 16 19 00-0033	EA	Simplex Fiber Optic Cable Pig Tail	91.05	45.83
27 16 19 00-0034	EA	Duplex Fiber Optic Cable Pig Tail	117.50	45.83

27 16 19 00-0035 Ethernet Patch Cords *(27 16 19)*

27 16 19 00-0036	EA	3' Category 5E Patch Cables With Boots	16.82	
27 16 19 00-0037	EA	5' Category 5E Patch Cables With Boots	18.34	
27 16 19 00-0038	EA	7' Category 5E Patch Cables With Boots	19.87	
27 16 19 00-0039	EA	10' Category 5E Patch Cables With Boots	28.93	
27 16 19 00-0040	EA	15' Category 5E Patch Cables With Boots	36.36	
27 16 19 00-0041	EA	25' Category 5E Patch Cables With Boots	47.95	
27 16 19 00-0042	EA	3' Category 6 Patch Cables With Boots	18.63	
27 16 19 00-0043	EA	5' Category 6 Patch Cables With Boots	22.49	
27 16 19 00-0044	EA	7' Category 6 Patch Cables With Boots	22.56	
27 16 19 00-0045	EA	10' Category 6 Patch Cables With Boots	27.09	
27 16 19 00-0046	EA	15' Category 6 Patch Cables With Boots	35.78	
27 16 19 00-0047	EA	25' Category 6 Patch Cables With Boots	44.81	
27 16 19 00-0048	EA	50' Category 6 Patch Cables With Boots	70.23	
27 16 19 00-0049	EA	100' Category 6 Patch Cables With Boots	122.40	
27 16 19 00-0050	EA	3' Category 6A Patch Cables With Boots	22.29	
27 16 19 00-0051	EA	5' Category 6A Patch Cables With Boots	23.59	
27 16 19 00-0052	EA	7' Category 6A Patch Cables With Boots	24.56	
27 16 19 00-0053	EA	10' Category 6A Patch Cables With Boots	29.30	
27 16 19 00-0054	EA	15' Category 6A Patch Cables With Boots	36.14	
27 16 19 00-0055	EA	25' Category 6A Patch Cables With Boots	44.52	
27 16 19 00-0056	EA	50' Category 6A Patch Cables With Boots	63.33	
27 16 19 00-0057	EA	100' Category 6A Patch Cables With Boots	110.36	
27 16 19 00-0058	EA	3' Category 5E Patch Cables With Plastic Arch	16.82	
27 16 19 00-0059	EA	5' Category 5E Patch Cables With Plastic Arch	18.34	
27 16 19 00-0060	EA	7' Category 5E Patch Cables With Plastic Arch	19.87	
27 16 19 00-0061	EA	10' Category 5E Patch Cables With Plastic Arch	28.93	
27 16 19 00-0062	EA	15' Category 5E Patch Cables With Plastic Arch	36.36	
27 16 19 00-0063	EA	25' Category 5E Patch Cables With Plastic Arch	47.95	
27 16 19 00-0064	EA	3' Category 6 Patch Cables With Plastic Arch	18.63	
27 16 19 00-0065	EA	5' Category 6 Patch Cables With Plastic Arch	22.49	
27 16 19 00-0066	EA	7' Category 6 Patch Cables With Plastic Arch	22.56	
27 16 19 00-0067	EA	10' Category 6 Patch Cables With Plastic Arch	27.09	
27 16 19 00-0068	EA	15' Category 6 Patch Cables With Plastic Arch	35.78	
27 16 19 00-0069	EA	25' Category 6 Patch Cables With Plastic Arch	44.81	
27 16 19 00-0070	EA	3' Category 6A Patch Cables With Plastic Arch	34.33	
27 16 19 00-0071	EA	5' Category 6A Patch Cables With Plastic Arch	36.63	
27 16 19 00-0072	EA	7' Category 6A Patch Cables With Plastic Arch	38.35	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 16 19 00-0073	EA	10' Category 6A Patch Cables With Plastic Arch	44.20	
27 16 19 00-0074	EA	15' Category 6A Patch Cables With Plastic Arch	53.77	
27 16 19 00-0075	EA	25' Category 6A Patch Cables With Plastic Arch	68.57	

27 20 Data Communications *(27)*

27 21 Data Communications Network Equipment *(27 20)*

Note: Includes testing of new devices and certification.

27 21 16 Data Communications Routers, CSU/DSU, Multiplexers, Codecs, and Modems *(27 21)*

27 21 16 00-0001 Fiber Optic Modems *(27 21 16)*

27 21 16 00-0002	EA	Fiber Optic Modems, Range 6.2 Miles	2,502.20	261.92
27 21 16 00-0003	EA	Fiber Optic Modem, Range 3.1 Miles, 12 Channel	4,975.15	261.92

27 21 16 00-0004 Ethernet Hubs and Switches *(27 21 16)*

27 21 16 00-0005	EA	16 Port Managed Hub With Fiberport And Standard Management	4,349.54	196.74
27 21 16 00-0006	EA	16 Port Unmanaged Hub	722.21	131.16
27 21 16 00-0007	EA	8 Port, Hardened POE Network Switch (Etherwan EX17082A)	911.47	
27 21 16 00-0008	EA	16 Port, Hardened POE Network Switch (Etherwan EX17162A)	1,224.22	
27 21 16 00-0009	EA	12 Port, Industrial Ethernet Switch (Cisco IE-4000-4GC4GP4G-E)	5,994.45	131.16
27 21 16 00-0010	EA	Power Supply (Cisco PWR-IE170W-PC-AC)	1,774.19	65.58

27 21 16 00-0011 Network Equipment *(27 21 16)*

27 21 16 00-0012 Communications Entrance Protection *(27 21 16 00-0011)*

27 21 16 00-0013	EA	100-Pair, 5 Pin Configuration, 110 Termination, Building Entrance Terminal With Cover (Porta 24100-110-M110C) Note: Excludes terminations.	1,238.51	98.37
27 21 16 00-0014	EA	Solid State Protector Module With 4 OHM Heat Coils (CommScope 4C1S)	14.93	1.31

27 21 16 00-0015 Communications Cabinets, Racks, Frames And Enclosures *(27 21 16 00-0011)*

27 21 16 00-0016	EA	19" Width x 36" Height x 24" Depth, Wall Mounted Telecommunications Enclosure (Chatsworth 11840-736)	1,505.26	98.37
		For Fan Kit (Chatsworth 12804-701), Add	*210.20*	
27 21 16 00-0017	EA	10 Outlet, 125 Volt, 20 Amperes, Telecommunications Cabinet Power Strip (Chatsworth 13239-757)	1,379.15	6.55
27 21 16 00-0018	EA	26" Width x 36" Height x 8.5" Depth, Wall Mounted Enclosure (Chatsworth 13050-722)	1,439.18	
		For Fan Kit (Chatsworth 13051-001), Add	*256.30*	

27 21 16 00-0019 Communications Termination Blocks And Patch Panels *(27 21 16 00-0011)*

27 21 16 00-0020 Communications Termination Blocks *(27 21 16 00-0019)*

27 21 16 00-0021	EA	4-Pair, 300-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058810)	328.48	19.64
27 21 16 00-0022	EA	5-Pair, 300-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058802)	306.09	19.64
27 21 16 00-0023	EA	4-Pair, 900-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058869)	725.86	19.64
27 21 16 00-0024	EA	5-Pair, 900-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058851)	675.49	19.64
27 21 16 00-0025	EA	110 Connector System Mounting Brackets (CommScope 107535593)	106.83	19.64
27 21 16 00-0026	EA	110 Connector System Mounting Brackets (CommScope 107535585)	114.96	19.64
27 21 16 00-0027	EA	110 Connector System Mounting Brackets (CommScope 107098816)	130.19	19.64

27 21 16 00-0028 Communications Copper Patch Panels *(27 21 16 00-0019)*

Note: Excludes cabinet and terminations.

27 21 16 00-0029	EA	24 Port, Category 5E Patch Panel (CommScope 108208919)	331.15	42.63
27 21 16 00-0030	EA	48 Port, Category 5E Patch Panel (CommScope 108208935)	596.71	52.47
27 21 16 00-0031	EA	24 Port, Category 6 Patch Panel (CommScope 760062372)	484.55	42.63
27 21 16 00-0032	EA	48 Port, Category 6 Patch Panel (CommScope 760062380)	897.15	52.47

27 21 16 00-0033 Communications Optical Fiber Patch Panels *(27 21 16 00-0019)*

27 21 16 00-0034 Closet Connector Housings *(27 21 16 00-0033)*

27 21 16 00-0035	EA	48 Fiber Total Capacity, Closet Connector Housing (Corning CCH-01U) Note: Accepts up to 2 closet connector housing panels. Excludes panels.	395.99	26.23
27 21 16 00-0036	EA	96 Fiber Total Capacity, Closet Connector Housing (Corning CCH-02U) Note: Accepts up to 4 closet connector housing panels. Excludes panels.	460.96	26.23
27 21 16 00-0037	EA	288 Fiber Total Capacity, Closet Connector Housing (Corning CCH-04U) Note: Accepts up to 12 closet connector housing panels. Excludes panels.	572.98	26.23
27 21 16 00-0038	EA	SC Duplex Multimode, 62.5 Micron, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-91)	100.28	13.12
27 21 16 00-0039	EA	SC Duplex Singlemode, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-59)	133.42	13.12
27 21 16 00-0040	EA	SC Simplex Multimode, 62.5 Micron, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-56)	111.98	13.12
27 21 16 00-0041	EA	SC Simplex Singlemode, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-3C)	144.12	13.12

27 21 16 00-0042 Communications Cable Management *(27 21 16 00-0011)*

27 21 16 00-0043 Horizontal Communication Cable Management *(27 21 16 00-0042)*

27 21 16 00-0044	EA	1.7" Height, 19" Width, 3.7" Depth, 1 RU, Front Only, Horizontal Cable Manager (Panduit WMPFSE)	169.87	26.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 21 16 00-0045	EA	3-1/2" Height, 19" Width, 3.7" Depth, Horizontal Cable Manager (Panduit WMPF1E)	175.96	26.23
27 21 16 00-0046		**Vertical Communication Cable Management** *(27 21 16 00-0042)*		
27 21 16 00-0047	EA	6" Width x 84" Height, Double-Sided Vertical Cabling Section (Chatsworth 11729-703)	1,054.65	65.58
27 21 16 00-0048	EA	19" Width x 84" Height, Universal Rack (Chatsworth 48353-703)	1,094.05	65.58
27 21 16 00-0049	EA	23" Width x 84" Height, Universal Rack (Chatsworth 48383-703)	1,182.66	65.58
27 21 16 00-0050		**Communications Patch Cords, Station Cords, And Cross Connect Wire** *(27 21 16 00-0011)*		
27 21 16 00-0051		**Premise Cross-Connect Wire** *(27 21 16 00-0050)*		
27 21 16 00-0052	LF	1-Pair, 22 AWG Premise Cross-Connect Wire (General Cable 7041973)	1.34	0.65
27 21 16 00-0053		**Pathways For Communications Systems** *(27 21 16 00-0011)*		
27 21 16 00-0054		**Conduits And Back Boxes For Communication Systems** *(27 21 16 00-0053)*		
27 21 16 00-0055		**Flexible Conduit For Communication Systems** *(27 21 16 00-0054)*		
27 21 16 00-0056	CLF	1" Diameter, Riser Rated, Non-Metallic Flexible Conduit With Pull Tape (Carlon DF4X1C)	587.68	235.73
27 21 16 00-0057	CLF	1" Diameter, Plenum Rated, Non-Metallic Flexible Conduit With Pull Tape (Carlon CF4X1C)	905.90	235.73
27 21 16 00-0058		**Tube Cables For Communication Systems** *(27 21 16 00-0054)*		
27 21 16 00-0059		**Outdoor/All-Dielectric Tube Cables** *(27 21 16 00-0058)*		
27 21 16 00-0060	CLF	Two Tube, Outdoor/All-Dielectric Tube Cable (Sumitomo TC02TOX)	403.08	157.15
27 21 16 00-0061	CLF	Seven Tube, Outdoor/All-Dielectric Tube Cable (Sumitomo TC07TOX)	583.93	196.44
27 21 16 00-0062	CLF	Nineteen Tube, Outdoor/All-Dielectric Tube Cable (Sumitomo TC19TOX)	929.01	235.73
27 21 16 00-0063		**Indoor/Riser Rated Tube Cables** *(27 21 16 00-0058)*		
27 21 16 00-0064	CLF	Two Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC02TRX)	451.94	157.15
27 21 16 00-0065	CLF	Four Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC04TRX)	545.76	176.79
27 21 16 00-0066	CLF	Seven Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC07TRX)	617.86	196.44
27 21 16 00-0067	CLF	Nineteen Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC19TRX)	1,082.38	235.73
27 21 16 00-0068		**Indoor/Plenum Rated Tube Cables** *(27 21 16 00-0058)*		
27 21 16 00-0069	CLF	Single Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC01TPX)	350.14	157.15
27 21 16 00-0070	CLF	Two Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC02TP2)	475.01	157.15
27 21 16 00-0071	CLF	Four Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC04TP2)	703.20	176.79
27 21 16 00-0072	CLF	Seven Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC07TP2)	996.54	196.44
27 21 16 00-0073	CLF	Nineteen Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC19TP2)	2,935.08	235.73
27 21 16 00-0074		**Unjacketed Single Tube Cables** *(27 21 16 00-0058)*		
27 21 16 00-0075	CLF	Single Tube, Unjacketed Single Tube Cable (Sumitomo TC01TGX)	312.14	157.15
27 21 16 00-0076		**Multimode Fiber Bundles** *(27 21 16 00-0058)* Note: Includes optical fiber cables.		
27 21 16 00-0077	CLF	2-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FR02M6)	124.73	47.15
27 21 16 00-0078	CLF	4-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB04M6)	177.66	47.15
27 21 16 00-0079	CLF	6-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB06M6)	234.67	47.15
27 21 16 00-0080	CLF	12-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB12M6)	408.40	47.15
27 21 16 00-0081	CLF	18-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB18M6)	585.72	55.00
27 21 16 00-0082	CLF	24-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB24M6)	759.46	55.00
27 21 16 00-0083		**Singlemode Fiber Bundles** *(27 21 16 00-0058)* Note: Includes optical fiber cables.		
27 21 16 00-0084	CLF	2-Fiber, Singlemode Fiber Bundle (Sumitomo FR02SX)	113.87	47.15
27 21 16 00-0085	CLF	4-Fiber, Singlemode Fiber Bundle (Sumitomo FB04SX)	136.94	47.15
27 21 16 00-0086	CLF	6-Fiber, Singlemode Fiber Bundle (Sumitomo FB06SX)	155.95	47.15
27 21 16 00-0087	CLF	12-Fiber, Singlemode Fiber Bundle (Sumitomo FB12SX)	192.59	47.15
27 21 16 00-0088	CLF	18-Fiber, Singlemode Fiber Bundle (Sumitomo FB18SX)	287.12	55.00
27 21 16 00-0089	CLF	24-Fiber, Singlemode Fiber Bundle (Sumitomo FB24SX)	369.91	55.00
27 21 16 00-0090		**Tube Distribution Cabinets** *(27 21 16 00-0058)*		
27 21 16 00-0091	EA	Modular Tube Distribution Cabinet (Sumitomo DE06MDU) Note: Up to six 7-tube cables or two 19-tube cables.	236.71	65.58
27 21 16 00-0092		**Modular Fiber Termination Cabinets** *(27 21 16 00-0058)*		
27 21 16 00-0093	EA	24-Fiber Capacity, Wall Mount, Modular Fiber Termination Cabinet (Sumitomo FT24WFM)	289.94	65.58
27 21 16 00-0094	EA	48-Fiber Capacity, Wall Mount, Modular Fiber Termination Cabinet (Sumitomo FT48WFM)	306.77	65.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 21 16 00-0095		Tube Distribution Accessories *(27 21 16 00-0058)*		
27 21 16 00-0096	EA	Plastic Push/Pull Quick Release Pneumatic Cap For 8 mm Tube (Sumitomo DE08MA)	15.01	6.55
27 21 16 00-0097	EA	Plastic Push/Pull Quick Release Pneumatic Coupling For 8 mm Tube (Sumitomo DE08MC2)	16.19	6.55
27 21 16 00-0098	EA	Brass Push/Pull Quick Release Pneumatic Coupling For 8 mm Bulkhead Tube (Sumitomo DE08MB)	19.23	6.55
27 21 16 00-0099		Communications Optical Fiber Cabling *(27 21 16 00-0011)*		
27 21 16 00-0100		Communications Optical Fiber Cable Splicing And Terminations *(27 21 16 00-0099)*		
27 21 16 00-0101		Field Installed Fiber Connectors *(27 21 16 00-0100)*		
27 21 16 00-0102	EA	SC Type, Singlemode, Field Installed Fiber Connector (Corning 95-200-42)	38.78	9.83
27 21 16 00-0103	EA	SC Type, 62.5 Micron Multimode, Field Installed Fiber Connector (Corning 95-000-41)	34.89	9.83
27 21 16 00-0104		Buffer Tube Fan-Out Kits *(27 21 16 00-0100)*		
27 21 16 00-0105		Buffer Tube Breakout Kits (Sumitomo) *(27 21 16 00-0104)* Note: Includes 900 micron tubing.		
27 21 16 00-0106	EA	2-Fiber Breakout Kit (Sumitomo FTFLD02)	278.21	130.96
27 21 16 00-0107	EA	4-Fiber Breakout Kit (Sumitomo FTFLD04)	282.28	130.96
27 21 16 00-0108	EA	6-Fiber Breakout Kit (Sumitomo FTFLD06)	285.88	130.96
27 21 16 00-0109	EA	12-Fiber Breakout Kit (Sumitomo FTFLD12)	297.05	130.96
27 21 16 00-0110	EA	18-Fiber Breakout Kit (Sumitomo FTFLD18)	312.33	130.96
27 21 16 00-0111	EA	24-Fiber Breakout Kit (Sumitomo FTFLD24)	323.68	130.96
27 21 16 00-0112		Buffer Tube Fan-Out Kits (Corning) *(27 21 16 00-0104)*		
27 21 16 00-0113	EA	12 Fiber, 25" Tube Length, Indoor Buffer Tube Fan-Out Kit (Corning Fan-BT25-12)	280.09	130.96
27 21 16 00-0114	EA	12 Fiber, 25" Tube Length, Outdoor Buffer Tube Fan-Out Kit (Corning Fan-OD25-12)	320.42	130.96
27 21 16 00-0115		Communications Copper Cabling *(27 21 16 00-0011)*		
27 21 16 00-0116		Copper Communications Cable Splicing And Terminations *(27 21 16 00-0115)*		
27 21 16 00-0117		Copper Communications Cable Splice Cases *(27 21 16 00-0116)*		
27 21 16 00-0118	EA	6.5" x 28.4" Copper Communications Cable Splice Case (Preformed Line Products 8000626)	1,300.20	261.92
27 21 16 00-0119	EA	9.5" x 28.4" Copper Communications Cable Splice Case (Preformed Line Products 8000630)	1,522.09	261.92
27 21 16 00-0120	EA	12.5" x 28.4" Copper Communications Cable Splice Case (Preformed Line Products 8006219)	2,259.40	261.92
27 21 16 00-0121		Modular Splice Connectors *(27 21 16 00-0116)*		
27 21 16 00-0122	EA	25-Pair, Straight Body Only, 26-24 Gauge Cable, Filled Modular Splice Connector (3M 710-SC1-25)	141.72	65.48
27 21 16 00-0123	EA	25-Pair, Straight/Half Tap Body, 26-24 Gauge Cable, Dry Modular Splice Connector (3M 710-SD1-25)	139.33	65.48
27 21 16 00-0124	EA	25-Pair, Straight/Half Tap Body, 26-24 Gauge Cable, Filled Modular Splice Connector (3M 710-TC1-25)	141.78	65.48
27 21 16 00-0125	EA	25-Pair, Bridge Body, 26-22 Gauge Cable, Filled Modular Splice Connector (3M 710-BC1-25)	141.44	65.48
27 21 26		**Data Communications Network Management** *(27 21)*		
27 21 26 00-0001		Data Communications Network Management *(27 21 26)*		
27 21 26 00-0002	EA	3 Port, Terminal/Serial Device Server (Comtrol 99560-9)	732.73	32.74
27 21 26 00-0003	EA	2 Port, Terminal/Serial Device Server (Comtrol 99550-0)	562.75	32.74
27 21 26 00-0004	EA	4 Port, DB9 Terminal/Serial Device Server (Comtrol 99445-9)	787.32	32.74
27 21 26 00-0005	EA	4 Port, DB9 Terminal/Serial Device Server (Comtrol 99448-0)	1,237.62	32.74
27 21 26 00-0006	EA	24 Watt, Din Rail Mountable, Power Adapter (Comtrol PS1020)	114.49	
27 21 26 00-0007	EA	Remote Data Port, Spectra Positioning System (Pelco IPS_RDPE_2)	546.08	19.64
27 21 26 00-0008	EA	Sennetech Code Translator (Pelco SCT_100_AD232)	908.52	32.74
27 21 26 00-0009	EA	VPN Router (Cisco 819HG)	5,386.63	419.71
27 21 26 00-0010	EA	Cisco Catalyst 3000 Series Switches (Cisco IE-3000 - 8TC)	3,845.05	419.71
27 21 26 00-0011	EA	WS-C4507R+E Chassis, Two WS-X4648-RJ45V+E, Sup7L-E, LAN Base (Cisco WS-C4507RE+96V+)	20,177.67	157.15
27 21 26 00-0012	EA	SMARTnet Extended Service Agreement, SNTC-8X5XNBD WS-C4507R+E Chassis,2 WS-X4648-RJ45V+E (Cisco CON-SNT-C4507REV)	635.25	
27 21 26 00-0013	EA	Sup8-E And WS-X4748-RJ45V+E Upgrade For Bundle (Cisco C4500E-S7L-S8)	13,748.75	157.15
27 21 26 00-0014	EA	Catalyst 4500 E-Series Redundant Supervisor 8-E (Cisco WS-X45-SUP8-E/2)	29,877.80	157.15
27 21 26 00-0015	EA	Catalyst 4500 2GB SD Memory Card (Cisco SD-X45-2GB-E)	704.20	13.12
27 21 26 00-0016	EA	Catalyst 4500 4200W AC Dual Input Power Supply (Data + PoE) (Cisco PWR-C45-4200ACV)	5,165.38	16.37
27 21 26 00-0017	EA	Catalyst 4500 4200W AC Dual Input Power Supply (Data + PoE) (Cisco PWR-C45-4200ACV/2)	4,479.45	16.37
27 21 26 00-0018	EA	13', NEMA 6-20 To IEC-C19 Power Cable (Cisco CAB-US620P-C19-US)	79.99	6.55
27 21 26 00-0019	EA	1000BASE-SX SFP Transceiver Module, MMF, 850nm, DOM (Cisco GLC-SX-MMD=)	256.34	65.48
27 21 26 00-0020	EA	Cisco Catalyst 3850 24 Port Data IP Base (Cisco WS-C3850--24TS)	3,925.25	157.15
27 21 26 00-0021	EA	SMARTnet Extended Service Agreement, 8X5XNBD Cisco Catalyst 3850 24 Port Data IP Base (Cisco CON-SNT-WSC384TS)	835.83	
27 21 26 00-0022	EA	North America AC Type A Power Cable (Cisco CAB-TA-NA)	26.59	6.55
27 21 26 00-0023	EA	350 Watt AC Power Supply (Cisco PWR-C1-350WAC)	348.69	16.37
27 21 26 00-0024	EA	Cisco Catalyst 3850 4x1GE Network Module (Cisco C3850-NM-4-1G)	868.64	16.40
27 21 26 00-0025	EA	1' (30cm), Catalyst 3750X Stack Power Cable (Cisco CAB-SPWR-30CM)	127.20	6.55
27 21 26 00-0026	EA	Rack Mount Switch 16 100 SFP 8 10/100 PoE 2 Geuplinks (Cisco IE-3010-16S-8PC)	4,650.19	157.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 21 26 00-0027	EA	SMARTnet Extended Service Agreement, 8X5XNBD IA Rack Mount Switch 16 100 SFP 8 10/10 (Cisco CON-SNT-301016S8)	839.18	
27 21 26 00-0028	EA	IE 3010 Power Supply (Cisco PWR-RGD-AC-DC/IA)	743.21	16.37
27 21 26 00-0029	EA	IE 3010 AC-DC Redundant Power Supply (Cisco PWR-RGD-AC-DC/IAR)	754.91	16.37
27 21 26 00-0030	EA	4 Ethernet 10/100 Ports And 2 Dual-Purpose Uplinks, Industrial Ethernet Switch (Cisco IE-3000-4TC)	1,603.34	157.15
27 21 26 00-0031	EA	Expansion Power Module For Cisco IE-3000-4TC (Cisco PWR-IE50W-AC-IEC)	408.92	16.40
27 21 26 00-0032	EA	4 Port, Expansion SFP Module for IE-3000-4TC (Cisco IEM-3000-4SM)	1,921.81	16.40
27 21 26 00-0033	EA	Router (CISCO IR829)	1,719.28	65.58

27 21 29 Data Communications Switches and Hubs *(27 21)*

27 21 29 00-0001 Data Communications Multimedia Modular Patch Panels *(27 21 29)*

Note: Unloaded multimedia patch panels that accept modular jacks for category 3, 5e, 6, fiber optic, etc. Excludes rack, modular jacks and terminations. See CSI section 27 15 43 00-0051 for modular jacks.

27 21 29 00-0002	EA	12 Port, Wall Mount Multimedia Modular Patch Panel, Unloaded	108.83	6.54
27 21 29 00-0003	EA	16 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded	119.94	6.54
27 21 29 00-0004	EA	24 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded	141.43	6.54
27 21 29 00-0005	EA	36 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded	148.04	6.54
27 21 29 00-0006	EA	48 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded	162.18	8.19
27 21 29 00-0007	EA	24 Port, Rack Mount Multimedia Modular Angled Patch Panel, Unloaded	153.51	6.54
27 21 29 00-0008	EA	48 Port, Rack Mount Multimedia Modular Angled Patch Panel, Unloaded	192.64	8.19
27 21 29 00-0009	EA	Rack Mount Rear Cable Management Bar	71.04	8.19

27 21 33 Data Communications Wireless Access Points *(27 21)*

27 21 33 00-0001 Data Communications Wireless Access Points *(27 21 33)*

27 21 33 00-0002	EA	Base Station Unit, 300 Mbps, MIMO 2x2, Type-N Connectors US PoE (Proxim Wireless MP-8200-BSU)	5,276.50	196.44
27 21 33 00-0003	EA	Base Station Unit, 300 Mbps, MIMO 2x2, 23 dBi, 10° Panel Antenna - US PoE (Proxim Wireless MP-8250-BS1)	12,678.12	196.44
27 21 33 00-0004	EA	Base Station Unit, 300 Mbps, MIMO 2x2, 16 dBi, 90 Degree Sector Antenna US PoE (Proxim Wireless MP-8250-BS9)	12,678.12	196.44
27 21 33 00-0005	EA	Subscriber Unit, 300 Mbps, MIMO 2x2, Type-N Connectors US PoE (Proxim Wireless MP-8200-SUA)	2,064.17	196.44
27 21 33 00-0006	EA	Subscriber Unit, 300 Mbps, MIMO 2x2, 23 dBi, Panel Antenna US PoE (Proxim Wireless MP-8250-SUR)	2,422.44	220.13
27 21 33 00-0007	EA	Base Station Unit, 300 Mbps, MIMO 3x3, GPS Sync Ready, Type-N Connectors - US PoE (Proxim Wireless MP-8200-BSU-G)	6,783.17	220.13
27 21 33 00-0008	EA	Base Station Unit, 300 Mbps, MIMO 2x2, GPS Sync Ready, 23 dBi, 10° Panel Antenna - US PoE (Proxim Wireless MP-8250-BS1-G)	10,307.78	220.13
27 21 33 00-0009	EA	Base Station Unit, 300 Mbps, MIMO 2x2, GPS Sync Ready, 16 dBi, 90° Sector Antenna - US PoE (Proxim Wireless MP-8250-BS9-G)	10,307.78	220.13
27 21 33 00-0010	EA	50 Mbps (upgradable to 100 Mbps), MIMO 2x2, 15 dBi integrated antenna - US PoE (Proxim Wireless QB-825-LNK-50)	2,114.14	73.37
27 21 33 00-0011	EA	100 Mbps, MIMO 2x2, 15 dBi integrated antenna - US PoE (Proxim Wireless QB-825-LNK-100)	2,143.73	73.37
27 21 33 00-0012	EA	Surge, Gigabit Surge Protector With Shielded RJ45 (Proxim Wireless ETH-SURGE-1G)	199.21	36.69
27 21 33 00-0013	EA	FlexPort uWave AdaptRate And Modulation Feature Upgrade (BridgeWave Communications FPUWAVE-UPG-ARM)	1,838.87	
27 21 33 00-0014	EA	1' High Performance Dish Antenna, Low Profile, 21.2-23.6 GHz, WR42 Flange, SOI (Radio Waves HPLP1-23RR)	655.87	65.48
27 21 33 00-0015	EA	Cellular Phone / Wi-Fi Antenna (Sierra Wireless AP-CWG-Q-S222-WH)	543.45	65.48
27 21 33 00-0016	EA	Cell LTE MIMO Antenna (Sierra Wireless 1810075)	96.18	26.19
27 21 33 00-0017	EA	AirLink GX400 Power Adapter (Sierra Wireless 2700384)	84.98	
27 21 33 00-0018	EA	AirLink GX400 Power Cable (Sierra Wireless 2000380)	49.56	
27 21 33 00-0019	EA	Cellular/PCS/LTE, Hockey Puck Antenna (Sierra Wireless AP-C-Q-S2-BL)	348.18	65.48
27 21 33 00-0020	EA	Cellular/PCS/LTE/GPS, Multi-Band Antenna (Sierra Wireless AP-CG-Q-S22-BL)	350.35	65.48
27 21 33 00-0021	EA	2 Way, RF Power Divider, 790-920 MHZ (Telewave ANTPD28D)	478.53	65.58
27 21 33 00-0022	EA	Wireless Cellular Modem (Sierra Wireless AirLink GX400 EVDO/GPS)	1,210.14	98.37
27 21 33 00-0023	EA	Wireless Cellular Modem (Sierra Wireless AirLink GX450 Rugged)	1,548.50	98.37
27 21 33 00-0024	EA	Magnetic Mount Cellular Antenna (Wilson Electronics 301125)	86.68	19.64
27 21 33 00-0025	EA	Yagi Antenna, 890-960 MHz, 10 dBd Gain (PCTEL Bluewave Antennas BGYD890K)	328.08	73.37
27 21 33 00-0026	EA	Andrew® Omni Antenna, 890–960 MHz, 360° Horizontal Beamwidth, Fixed Electrical Tilt, Fits On 38–51 mm (1-1/2 to 2 in) OD Pipe (Commscope DB583-Y)	1,077.64	73.37
27 21 33 00-0027	EA	Single Channel Bluetooth Sensor With Bluetooth Module And Antenna (DeepBlue SC)	5,305.07	65.58
27 21 33 00-0028	EA	Point-to-Point Wireless Bridge (Proxim Tsunami® QB-10150)	2,693.79	65.48

27 30 Voice Communications *(27)*

27 32 Voice Communications Terminal Equipment *(27 30)*

Note: Includes testing of new devices and certification.

27 32 13 Telephone Sets *(27 32)*

27 32 13 00-0001 Interior Telephone Components *(27 32 13)*

27 32 13 00-0002	EA	Solid State Exchange Unit With Power Supply	8,156.83	1,196.72
27 32 13 00-0003	EA	Dial Telephone - Handset In Cabinet	980.41	97.83
27 32 13 00-0004	EA	Elevator Cab Telephone With Trailer Cable	495.99	104.89
27 32 13 00-0005	EA	Loud Ring Bell, 6"	388.67	97.30
27 32 13 00-0006	EA	Audio/Visual Indicator	496.33	91.67
27 32 13 00-0007	EA	Administrative Telephone With Digital Display	517.44	82.24
27 32 13 00-0008	EA	Processing Unit For 16 Station System	2,555.05	670.91
27 32 13 00-0009	EA	Handset For 16 Station System	364.53	66.79
27 32 13 00-0010	EA	Handset In Cabinet, For 16 Station System	493.80	90.10
27 32 13 00-0011	MLF	20 Conductor Unshielded Cable, #22	3,270.88	1,444.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 32 13 00-0012	EA	Power Supply For 16 Station System	455.19	178.23
27 32 13 00-0013	EA	Intercom Terminal Board	400.78	200.63
27 32 13 00-0014	EA	Power Supply For Five Station System, 24 Volt DC	473.41	178.23
27 32 13 00-0015	EA	Telephone Communication Board, Insulated Blueboard 24" x 24" x 1/2" Thick	231.35	73.23
27 32 13 00-0016	EA	Telephone Cabinet With Backboard 24" High x 24" Wide x 6" Deep	725.97	161.17
27 32 13 00-0017	EA	Telephone Cabinet With Backboard 30" High x 24" Wide x 6" Deep	857.61	183.19
27 32 13 00-0018	EA	Telephone Cabinet With Backboard 30" High x 30" Wide x 6" Deep	1,040.31	216.81
27 32 13 00-0019	EA	Telephone Cabinet With Backboard 36" High x 30" Wide x 6" Deep	1,228.57	234.40
27 32 13 00-0020	EA	Telephone Cabinet With Backboard 48" High x 30" Wide x 6" Deep	1,919.51	266.71
27 32 13 00-0021	EA	Ring Rung 3"	14.17	7.30
27 32 13 00-0022	EA	G66B50 Telephone Blocks Including 50 Terminators, Exterior Ring, Marking, ID	35.55	12.97
27 32 13 00-0023	EA	G110 Data Blocks Including Terminator, Exterior Ring, Marking, ID And Testing	64.44	26.58
27 32 13 00-0024		**Interior Telephone Accessories** *(27 32 13)*		
27 32 13 00-0025	EA	Blank Telephone Receptacle, Exposed Devices - Complete	14.76	7.07
27 32 13 00-0026	EA	4-Pin Telephone Receptacle, Exposed Devices - Complete	32.77	27.24
27 32 13 00-0027	EA	Dual Flush Mounted, Level 5, RJ-45 Jack, Complete	82.55	29.91
27 32 13 00-0028	EA	Wall Mount, Level 5, RJ-45 Jack, Complete	77.50	29.91
27 32 13 00-0029	EA	Terminating Strips, Inside	157.51	59.83
27 32 13 00-0030	EA	Dual Outlet, 4-Pin Telephone Receptacle, Concealed Type RJ-45 - Complete	67.38	30.77
27 32 13 00-0031	EA	Ready Access Closure 3 To 25 Pair	190.46	72.16
27 32 13 00-0032	EA	Ready Access Closure 25 To 100 Pair	224.23	80.67
27 32 13 00-0033	EA	Termination Block With Bracket 25 Pair	73.25	24.23
27 32 13 00-0034	EA	RJ-11 Telephone Receptacle, Concealed Devices - Complete	66.11	30.38
27 32 13 00-0035	EA	Interior Protected Terminal 25 Pair	875.42	174.97
27 32 13 00-0036	EA	Interior Protected Terminal 50 Pair	1,050.02	177.71
27 32 13 00-0037	EA	Pedestal 6" x 6" x 50" 3 To 100 Pair	347.32	72.81
27 32 13 00-0038	EA	Pedestal 8" x 8" x 50" 100 To 300 Pair	359.44	72.81
27 32 13 00-0039	EA	Pedestal 10" x 10" x 43" 300 To 600 Pair	475.89	93.11
27 32 13 00-0040	EA	Pedestal 10" x 16" x 439 600 Pair	997.88	167.76
27 32 13 00-0041	EA	Entrance Protector Terminal 100 Pair	1,397.48	191.46
27 32 13 00-0042	EA	Gas Protection Module	20.22	6.54
27 32 13 00-0043	EA	Terminating Boxes, Outside With 3 Element Protectors, Per Pair	37.21	5.98

27 32 26 Ring-Down Emergency Telephones *(27 32)*

27 32 26 00-0001 Emergency Telephone *(27 32 26)*

Note: Includes CB3000 speakerphone, 3 auxiliary Inputs, 2 auxiliary outputs, phone line surge suppressor, analog telephone connection, 70 watt area light with blue beacon, high power strobe, lighted faceplate, 110VAC power, ultra weather resistant finish, vandal resistant hardware, UV resistant Lens, dome vent; flat area for directory, access control or other options; 12.75" diameter/8'-6" height, 1/4" thick steel construction, foundation anchor kit, ADA compliant.

27 32 26 00-0002	EA	Code Blue 1-Standard Emergency Telephone Pedestal Unit (CB 1-s) Note: Includes IA4100 FP1 analog speakerphone with single red 'Push For Help' button, 'Push For Help' bezel, hard wire phone line, passive vent at top, 24V AC, and standard color.	12,171.49	537.00
27 32 26 00-0003	EA	Code Blue 1-Dual Emergency Telephone Pedestal Unit (CB 1-d) Note: Includes IA4100 FP1 analog speakerphone with single red 'Push For Help' button, 'Push For Help' bezel, blank stainless steel plate second opening, hard wire phone line, passive vent at top, 24V AC, and standard color.	12,804.62	537.00
27 32 26 00-0004	EA	Analog Speakerphone With Black Info Button And Red Push For Help Button Code Blue Option (Code Blue IA4100 FP2)	211.04	
27 32 26 00-0005	EA	Analog Speakerphone With Black Call Button, Keypad And Red Push For Help Button Code Blue Option (Code Blue IA4100 FP2-K)	316.57	
27 32 26 00-0006	EA	IP Speakerphone With Single Red Push For Help Button Code Blue Option (Code Blue IP5000 FP1)	791.42	
27 32 26 00-0007	EA	IP Speakerphone With Back Info Button And Red Push For Help Button Code Blue Option (Code Blue IP5000 FP2)	1,076.33	
27 32 26 00-0008	EA	IP Speakerphone With Black Call Button, Keypad And Red Push For Help Button Code Blue Option (Code Blue IP5000 FP2-K)	1,181.85	
27 32 26 00-0009	EA	EMERGENCY (Raised Letters With Braille) Main Bezel Code Blue Option	21.10	
27 32 26 00-0010	EA	EMERGENCY/EMERGENCIA (Raised Letters With Braille) Main Bezel Code Blue Option	21.10	
27 32 26 00-0011	EA	Directory, Second Opening Code Blue Option	189.94	
27 32 26 00-0012	EA	Camera Enclosure With Color IP Camera, Second Opening Code Blue Option	2,004.93	
27 32 26 00-0013	EA	HID Card Reader, Second Opening Code Blue Option	928.60	
27 32 26 00-0014	EA	HID Card Reader And Color IP Camera, Second Opening Code Blue Option	3,007.39	
27 32 26 00-0015	EA	IP Wireless Communication Code Blue Option Note: 802.11g or secure mesh 5.8. (system UPS backup or unit Night Charge recommended). IP5000 VoIP Speakerphone option must be ordered when selecting IP Wireless Communications. Requires Base Unit(s) and site survey.	6,320.79	
27 32 26 00-0016	EA	Active Venting Code Blue Option	337.67	
27 32 26 00-0017	EA	Night Charge Power Code Blue Option Note: Requires 120V AC external power supplied to Code Blue unit.	2,944.08	
27 32 26 00-0018	EA	Power Transformer Kit, Alternate Incoming Power Code Blue Option	738.66	
27 32 26 00-0019	EA	Overhead Camera Mount Code Blue Option Note: Excludes camera.	1,677.81	
27 32 26 00-0020	EA	Custom Color For Overhead Camera Mount Code Blue Option	73.87	

27 32 26 00-0021 City Police Call System *(27 32 26)*

27 32 26 00-0022 Components *(27 32 26 00-0021)*

27 32 26 00-0023	EA	City Police Call System	948.37	152.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 32 26 00-0024	EA	Concrete Foundation For Police Department Telephone Post	844.81	221.19

27 40 Audio-Video Communications *(27)*

27 41 Audio-Video Systems *(27 40)*

27 41 16 Integrated Audio-Video Systems and Equipment *(27 41)*

Note: Includes testing of new devices and certification.

27 41 16 00-0001 Television Distribution System *(27 41 16)*

See CSI section 26 05 19 16-0012 for basic wiring.

27 41 16 00-0002 Mounted Television Support *(27 41 16 00-0001)*

27 41 16 00-0003	EA	Ceiling Mounted Television Support, 19" To 20"	522.32	146.90
27 41 16 00-0004	EA	Ceiling Mounted Television Support, 19" To 20" With Rack	676.12	163.95
27 41 16 00-0005	EA	Ceiling Mounted Television Support, 25" To 27"	545.75	146.90
27 41 16 00-0006	EA	Ceiling Mounted Television Support, 25" To 27" With Rack	699.55	163.95
27 41 16 00-0007	EA	Wall Mounted Television Support, 13"	414.01	118.04
27 41 16 00-0008	EA	Wall Mounted Television Support, 13" With Rack	567.77	131.16
27 41 16 00-0009	EA	Wall Mounted Television Support, 19" To 20"	444.75	118.04
27 41 16 00-0010	EA	Wall Mounted Television Support, 19" To 20" With Rack	598.52	131.16
27 41 16 00-0011	EA	Wall Mounted Television Support, 25" To 27"	475.50	118.04
27 41 16 00-0012	EA	Wall Mounted Television Support, 25" To 27" With Rack	629.26	131.16

27 41 16 00-0013 Distribution System *(27 41 16 00-0001)*

See CSI section 26 05 13 16-0001 for wire and cabling.

27 41 16 00-0014 TV Distribution Rack *(27 41 16 00-0013)*

27 41 16 00-0015	EA	Steel Rack Cabinet With Shelves	1,852.73	240.83
27 41 16 00-0016	EA	Switch And Pilot Light	284.20	107.00
27 41 16 00-0017	LF	Surface Raceway With Outlets	33.91	14.54
27 41 16 00-0018	EA	Service Label	40.07	20.04

27 41 16 00-0019 Head End Amplifier *(27 41 16 00-0013)*

27 41 16 00-0020	EA	Head End Amplifier	1,236.10	160.30

27 41 16 00-0021 UHF In-Line Booster Amplifier And Power Supply *(27 41 16 00-0013)*

27 41 16 00-0022	EA	UHF In-Line Booster	718.00	160.30

27 41 16 00-0023 Preamplifiers *(27 41 16 00-0013)*

27 41 16 00-0024	EA	VHF Preamplifier	900.44	160.30
27 41 16 00-0025	EA	UHF Preamplifier	718.00	160.30

27 41 16 00-0026 Power Supplies *(27 41 16 00-0013)*

27 41 16 00-0027	EA	Common Power Supply	1,286.35	229.05

27 41 16 00-0028 Line Splitter And Mixer *(27 41 16 00-0013)*

27 41 16 00-0029	EA	Line Splitter	109.27	53.43
27 41 16 00-0030	EA	Two-Way Splitter	123.79	53.43
27 41 16 00-0031	EA	Frequency Filter	276.98	80.27
27 41 16 00-0032	EA	Line Splitter And Mixer	333.73	117.86

27 41 16 00-0033 Power Line Filters *(27 41 16 00-0013)*

27 41 16 00-0034	EA	120-Volt Power Supply Line Filter	539.60	107.00

27 41 16 00-0035 Wall Box And Receiver Outlets *(27 41 16 00-0013)*

27 41 16 00-0036	EA	Wall Box With Lockable Cover, Excluding Outlet Plug	276.98	80.27
27 41 16 00-0037	EA	TV Receiver Outlet Plug	123.79	53.43
27 41 16 00-0038	EA	TV Camera Outlet Plug	123.79	53.43
27 41 16 00-0039	EA	Audio Outlet Plug	105.60	53.43
27 41 16 00-0040	EA	12 Ft RG 6U Cable With G-59 And TV Set Fittings	220.34	107.00
27 41 16 00-0041	EA	Male Plug PL-259	123.79	53.43
27 41 16 00-0042	EA	Wall Box And Receiver Outlet Television Outlets	145.29	56.05

27 41 33 Master Antenna Television Systems *(27 41)*

27 41 33 00-0001 Antenna Systems *(27 41 33)*

27 41 33 00-0002 Antenna *(27 41 33 00-0001)*

27 41 33 00-0003	EA	Amateur Radio Antenna	1,168.93	196.44
27 41 33 00-0004	EA	Multi-Band Radio Antenna	907.59	196.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 41 33 00-0005		Receptacles *(27 41 33 00-0001)*		
27 41 33 00-0006	EA	Amateur Radio Antenna System Receptacle With Mating Plugs And Adapter	258.76	80.27
27 41 33 00-0007	EA	Multi-Band Radio Antenna System Receptacle With Mating Plugs	258.76	80.27

27 50 Distributed Communications and Monitoring Systems *(27)*

27 51 Distributed Audio-Video Communications Systems *(27 50)*

27 51 17 Video Intercom and Exterior Gate Control System *(27 51)*

27 51 17 00-0001		Video Intercom And Exterior Gate Control System *(27 51 17)*		
27 51 17 00-0002	EA	Audio Video Master Control Station With Handset, White Finish (Aiphone IX-MV7-HW)	1,612.41	163.95
27 51 17 00-0003	EA	Audio Video Master Control Station (Aiphone AX-8MV)	1,297.12	163.95
27 51 17 00-0004	EA	16-call Add-on Selector For AX Masters (Aiphone AX-16SW)	546.85	163.95
27 51 17 00-0005	EA	Central Exchange Unit (Aiphone AX-084C)	1,534.60	81.97
27 51 17 00-0006	EA	Central Exchange Unit (Aiphone AX-248C)	2,090.73	81.97
27 51 17 00-0007	EA	Touch Tone Programmable Dialer (Viking K-1900-5)	158.33	32.79
27 51 17 00-0008	EA	Surface Mount Audio/Video Door Station (Aiphone IX-DV)	1,105.56	32.79
27 51 17 00-0009	EA	Surface Or Flush Wall Mount Audio/Video Door Station (Aiphone IX-DVF)	1,519.42	32.79
27 51 17 00-0010	EA	Surface Mount Audio/Video Door Station (Aiphone AX-DV)	493.26	32.79
27 51 17 00-0011	EA	Flush Mount Audio/Video Door Station (Aiphone AX-DVF)	556.03	32.79
27 51 17 00-0012	EA	12 Volt, 2.5 Amperes, DC Power Supply (Aiphone PS-1225UL) Note: UL Listed	151.02	16.40
27 51 17 00-0013	EA	24 Volt, 2 Amperes, DC Power Supply (Aiphone PS-2420UL) Note: UL Listed	164.17	16.40
27 51 17 00-0014	EA	IP Video Master Station (Aiphone IX-MV)	1,968.18	163.95
27 51 17 00-0015	EA	Handset Only For IX-MV (Aiphone 285999)	67.39	6.55
27 51 17 00-0016	EA	Hands Free Sub Master Video Monitor (Aiphone JF-2HD)	837.32	163.95
27 51 17 00-0017	EA	Stainless Steel Video Door Station With HID ProxPoint Plus Reader, Flush Mount (Aiphone AX-DVF-P)	791.04	32.79
27 51 17 00-0018	EA	Stainless Steel Surface Mount Box For IS-SS, IS-DVF, IS-IPDVF, IX-DF(SS) (Aiphone SBX-IDVF)	240.74	32.79
27 51 17 00-0019	EA	Stainless Steel Surface Mount Box For AX-DVF (Aiphone SBX-AXDVF)	268.48	32.79
27 51 17 00-0020	EA	Stainless Steel Security Lock Box For IS-DV, IS-DVF, IX-DF, IX-SS, IX-DF-HID, And IX-DF-RP10 (Aiphone LB-SDVF/A)	329.01	49.18
27 51 17 00-0021	EA	Front Case With Lens Cover For AX-DV And AX-DVF Cameras (Aiphone 240880)	73.39	16.40

27 51 43 Sound Reinforcement *(27 51)*

Note: Includes testing of new devices and certification.

27 51 43 00-0001		Amplifiers *(27 51 43)*		
27 51 43 00-0002	EA	10 Watt PA/Paging System Amplifier, 70 Volt (Bogen C10)	593.42	131.16
27 51 43 00-0003	EA	35 Watt PA/Paging System Amplifier, 70 Volt (Bogen C35)	841.63	131.16
27 51 43 00-0004	EA	60 Watt PA/Paging System Amplifier, 70 Volt (Bogen C60)	1,000.96	131.16
27 51 43 00-0005	EA	100 Watt PA/Paging System Amplifier, 70 Volt (Bogen 100)	1,114.63	131.16
27 51 43 00-0006	EA	150 Watt PA/Paging System Amplifier, 70 Volt (Bogen GS150)	1,390.07	131.16
27 51 43 00-0007	EA	250 Watt PA/Paging System Amplifier, 70 Volt (Bogen GS250)	1,801.97	131.16
27 51 43 00-0008	EA	Rack Mount Kit For PA/Paging System Amplifiers (Bogen GSRPK)	71.42	6.55
27 51 43 00-0009		Splitters *(27 51 43)*		
27 51 43 00-0010	EA	24 Watt, 5 Output, Isolated Splitter (Doug Fleenor 125EE)	3,601.67	98.22
27 51 43 00-0011	EA	1-in/11-out Splitter (Doug Fleenor DMX)	3,248.64	98.22
27 51 43 00-0012		Speakers *(27 51 43)*		
27 51 43 00-0013	EA	8", 5 Watt Recessed Ceiling Mounted Speaker With Transformer And Baffle (Atlas Sound FD72W)	230.72	35.10
27 51 43 00-0014	EA	8" Steel Baffle (Atlas Sound 51-8)	74.18	6.54
27 51 43 00-0015	EA	T-Bar Support (Atlas Sound EZ95-8)	82.85	6.54
27 51 43 00-0016	EA	8" Cylindrical Enclosure With Undercoating (Atlas Sound Q408)	129.30	6.54
27 51 43 00-0017	EA	Plate Mounted 10 Watt Attenuator With Priority Relay (Atlas Sound AT10-PA)	119.53	11.78
27 51 43 00-0018		Accessories *(27 51 43)*		
27 51 43 00-0019	EA	Microphone And Stand For Audio/Video System (Bogen MBS-1000A)	347.98	16.40
27 51 43 00-0020	EA	5 Disk CD Player For Audio/Video System (Bogen DCM290-P)	782.51	16.40
27 51 43 00-0021	EA	Weather Proof Horn For Audio/Video System (Bogen SPT5A)	197.46	32.79
27 51 43 00-0022	EA	Trumpet Driver And Line Matching Transformer For Audio/Video System (Atlas PD-60A)	366.49	32.79
27 51 43 00-0023	EA	Headset Microphone For Audio/Video System (Audio Technica Pro8Hex)	267.67	32.74
27 51 43 00-0024	EA	Microphone Jack For Audio/Video System	123.38	32.79
27 51 43 00-0025	EA	Terminal Cabinet For Audio/Video System (Atlas 121-18)	1,047.28	131.16
27 51 43 00-0026	EA	Volume Control For Audio/Video System (Bogen AT10A)	117.91	32.79
27 51 43 00-0027	EA	Round Bridge for 8" (S86/S810) Reccessed Speakers (Bogen Communications TB8)	82.46	32.79
27 51 43 00-0028		Removal And Reinstallation Of Speakers *(27 51 43)* Note: Includes storage, cleaning and supply materials.		
27 51 43 00-0029	EA	Removal And Reinstallation Of Ceiling Mounted Speaker	183.35	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

27 53 Distributed Systems *(27 50)*

27 53 13 Clock Systems *(27 53)*

27 53 13 13 Wireless Clock Systems *(27 53 13)*

27 53 13 13-0001 Wireless Synchronized GPS Clock System (Sapling) *(27 53 13 13)*

27 53 13 13-0002 Master Clock (Sapling SMA 2000 Series) *(27 53 13 13-0001)*

Note: Includes Sapling standard 2 year "material" warranty and applies to Master Clocks, Analog Clocks, Digital Clocks and Converter Boxes.

27 53 13 13-0003	EA	Master Clock, 900 MHz Transmitter, GPS, Surface Wall Mount (Sapling SMA-2S0-1100-1	8,500.57	98.22
27 53 13 13-0004	EA	Master Clock, 900 MHz Transmitter, GPS, Rack Mount And Wall Mount Antenna (Sapling SMA-2R0-1100-1)	8,989.05	98.22
27 53 13 13-0005	EA	Master Clock, 900 MHz Transmitter, Surface Wall Mount (Sapling SMA-2S0-1000-1)	4,836.98	98.22
27 53 13 13-0006	EA	Master Clock, 900 MHz Transmitter, Rack Mount And Wall Mount Antenna (Sapling SMA-2R0-1000-1)	5,325.46	98.22
27 53 13 13-0007	EA	NTP Server Upgrade (Sapling SMA-000-SERV-0)	3,343.40	

27 53 13 13-0008 Wireless Repeaters (Sapling) *(27 53 13 13-0001)*

27 53 13 13-0009	EA	Wireless Repeater, 900 MHz, RS485 Input, Surface Wall Mount (Sapling SMA-1SR-0000-1)	2,079.06	65.48
27 53 13 13-0010	EA	Wireless Network Repeater, 900 MHz, 110 VAC - 230 VAC, With TCP/IP For Campus Environments, Surface Wall Mount (Sapling SMA-1SM-0000-1)	2,329.11	65.48

27 53 13 13-0011 Wireless Round Analog Clocks (Sapling SAL-4 Series) *(27 53 13 13-0001)*

Note: Includes Sapling standard 2 year "material" warranty and applies to Master Clocks, Analog Clocks, Digital Clocks and Converter Boxes.

27 53 13 13-0012	EA	Analog, Wireless Slim Line, 900 MHz, 12" Round, Battery-Operated, Surface Wall Mount, Black Case (Sapling SAL-4BS-12R-0)	450.50	32.74
27 53 13 13-0013	EA	Double Mount Housing With Metal Pole For Slim Line 12" Round Analog Clock, Black (Sapling SAH-1BD-12R-0)	284.80	32.74
27 53 13 13-0014	EA	Analog, Wireless Slim Line, 900 MHz, 16" Round, Battery-Operated, Surface Wall Mount, Black Case (Sapling SAL-4BS-16R-0)	538.51	32.74
27 53 13 13-0015	EA	Double Mount Housing With Metal Pole For Slim Line 16" Round Analog Clock, Black (Sapling SAH-1BD-16R-0)	321.35	32.74

27 53 13 13-0016 Wireless GPS Accesories (Sapling) *(27 53 13 13-0001)*

27 53 13 13-0017	EA	GPS Mounting Kit (Sapling M-GPS-MTG-KIT-1)	89.17	26.19
27 53 13 13-0018	EA	Wall Mount, L-Shape, GPS Mounting Kit (Sapling M-GPS-MTG90-KIT-1)	125.94	26.19
27 53 13 13-0019	EA	GPS Antenna Cable, 150 Foot (45.7 Meters) Length (Sapling E-ANT-CBL150F-1)	1,080.00	57.30
27 53 13 13-0020	EA	GPS Antenna Cable, 300 Foot (91.4 Meters) Length (Sapling E-ANT-CBL300F-1)	1,918.98	81.85
27 53 13 13-0021	EA	GPS Surge Protector/Arrestor (Sapling E-GPS-SURGE-1)	671.33	6.54

27 53 13 13-0022 2.4 GHz, 2.5", 6-Digit, Digital Messaging Wireless Clock System (Sapling SLDG 3000 Series) *(27 53 13 13)*

Note: Includes Sapling standard 2 year "material" warranty and applies to Master Clocks, Analog Clocks, Digital Clocks and Converter Boxes. Quantities over 25 for all digital clocks are Non-Cancelable, Non-Returnable (NCNR). (50) Clock Mininum Quantity Required Per System order for SDLG-32S-256-4R. (25) Clock Mininum Quantity Required Per System order for SDLG-32S-256-1R. All digital clocks are available without bezel or without the housing. Contact Sapling for details. Contact Sapling for Factory Customized Message Options. All digital clocks are pre-loaded and shipped with the following messages below: (1) Tornado Warning (2) Inclement Weather (3) Take Cover (4) Evacuate (5) Lockdown (6) Fire (7) Early Dismissal (8) Flood Warning (9) Earthquake (10) Code Blue (11) All Clear (12) Operation in Progress (13) Test in Progress (14) Lunch Break (15) Shift Break.

27 53 13 13-0023	EA	3200 Digital Messaging Wireless Clock, 2.4 GHz, 2.5", Dot Matrix Red Display, 24 VAC/VDC, Surface Wall Mount (Sapling SDLG-32S-256-4R) Note: Capability to interface with either Sapling's Elapsed Timer Control Panel Or Sapling Temperature Sensor.	1,424.96	98.22
27 53 13 13-0024	EA	3200 Digital Messaging Wireless Clock, 2.4 GHz, 2.5", Dot Matrix Red Display, 110 Volt, Surface Wall Mount (Sapling SDLG-32S-256-1R) Note: Capability to interface with either Sapling's Elapsed Timer Control Panel Or Sapling Temperature Sensor.	1,457.44	98.22
27 53 13 13-0025	EA	3300 Digital Messaging Wireless Clock, 2.4 GHz, 2.5", Dot Matrix Red Display, 24 VAC/VDC, Surface Wall Mount And Relay Output/Input (Sapling SDLG-33S-256-4R) Note: Capability to interface with either Sapling's Elapsed Timer Control Panel Or Sapling Temperature Sensor.	1,744.90	98.22
27 53 13 13-0026	EA	3300 Digital Messaging Wireless Clock, 2.4 GHz, 2.5", Dot Matrix Red Display, 110 Volt, Surface Wall Mount And Relay Output/Input (Sapling SDLG-33S-256-1R) Note: Capability to interface with either Sapling's Elapsed Timer Control Panel Or Sapling Temperature Sensor.	1,777.37	98.22
27 53 13 13-0027	EA	Short Metal Pole For Ceiling Mount Only For Double/Flag Mount, 8.5", Digital Or Square Analog Clock, Black (Sapling SAB-1BD-01S-0)	192.02	26.19
27 53 13 13-0028	EA	Metal Pole For Double/Flag Mount, Wall Or Ceiling, 13.5", Digital Or Square Analog Clock, Black (Sapling SAB-1BD-00S-0)	192.02	26.19
27 53 13 13-0029	EA	Set-up Charge For Clock Message, Per Clock (Sapling CLK-MSG-SETUP)	33.43	
27 53 13 13-0030	EA	USB Programming Cable + Software For 3200/3300 Digital Clocks (Sapling D-USB485-INTF-1)	269.83	3.28
27 53 13 13-0031	EA	Elapsed Timer Control Panel For 3200/3300 Clock Model (Sapling SBD-ELT-001-0)	539.69	6.54
27 53 13 13-0032	EA	Elapsed Timer Specialty Buttons Kit (Sapling SBD-ELT-BUT-0)	98.48	3.28
27 53 13 13-0033	EA	Elapsed Timer Clear Protective Cover - Set of 2 Covers (Sapling A-ELT-CLR-GUARD-1)	19.70	0.65
27 53 13 13-0034	EA	Temperature Sensor for 3200/3300 Digital Clock Model (Sapling SBD-TEMP-000-0)	123.43	6.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 13-0035		**2.4 GHz Wireless Message System/Master Clock And Transmitter (Sapling SMM 3000 Series)** *(27 53 13 13)*		
		Note: Includes Sapling standard 2 year "material" warranty and applies to Master Clocks, Analog Clocks, Digital Clocks and Converter Boxes.		
27 53 13 13-0036	EA	Master Clock With 2.4 GHz Transmitter For Time Data And Messages, Rack Mount And Wall Remote Mount Antenna, 8 Programmable Relays/Zones (Sapling SMM-3R0-G008-1)	7,056.09	98.22
27 53 13 13-0037	EA	Master Clock With 2.4 GHz Transmitter And GPS For Time Data And Messages, Rack Mount And Wall Remote Mount Antenna, 8 Programmable Relays/Zones (Sapling SMM-3R0-G108-1)	9,710.08	98.22
27 53 13 13-0038	EA	Message Input Box, 16 Inputs, Rack Mount, For SMM Master Clock (Sapling SMI-000-0016-0)	3,114.94	65.48
27 53 13 13-0039	EA	Wireless Network Repeater, 2.4 GHz, 110 VAC - 230 VAC, with TCP/IP for Campus Environments, Surface Wall Mount (Sapling SMA-1SM-G000-1	1,789.70	65.48
27 53 13 13-0040	EA	NTP Server Upgrade (Sapling SMA-000-SERV-0)	3,343.40	
27 53 13 13-0041	EA	Countdown Feature Upgrade (Sapling SMA-000-CDOW-0)	1,654.98	
27 53 13 13-0042		**Clear Polycarbonate Protective Covers For Wireless Clocks (Sapling)** *(27 53 13 13)*		
		Note: For applications requiring defense against constant moisture or fine dust, a silicone sealant betwen the cover and wall is recommended.		
27 53 13 13-0043	EA	Clear Polycarbonate Protective Cover For 9" Square And 12" Round Analog Clock (Sapling SAG-CLR-COVR-12)	454.01	16.37
27 53 13 13-0044	EA	Clear Polycarbonate Protective Cover For 2.5" Digital Clock (Sapling SDG-CLR-COVR-25)	454.01	16.37
27 53 13 13-0045		**Wire Guards For Wireless Synchronized Clocks (Sapling)** *(27 53 13 13)*		
27 53 13 13-0046	EA	Wire Guard For Round Or Square Analog Clocks (Sapling SAG-1200)	251.57	16.37
27 53 13 13-0047	EA	Wire Guard for 2.5" or 4.0" Digital Clocks (Sapling SDG-2017)	350.24	16.37
27 53 13 13-0048		**Wireless Synchronized Clock Transmitters** *(27 53 13 13)*		
27 53 13 13-0049		**Analog, Wireless Synchronized Clocks (Primex Traditional Series)** *(27 53 13 13-0048)*		
27 53 13 13-0050	EA	12.5", Battery Operated, Single Sided, Analog, Wireless Synchronized Clock	336.52	32.74
		For >100 To 250, Deduct	*-58.59*	
		For >250, Deduct	*-69.43*	
27 53 13 13-0051	EA	12.5", Battery Operated, Dual Sided, Analog, Wireless Synchronized Clock	607.56	32.74
		For >100 To 250, Deduct	*-39.62*	
		For >250, Deduct	*-47.75*	
27 53 13 13-0052	EA	16", Battery Operated, Single Sided, Analog, Wireless Synchronized Clock	392.60	32.74
		For >100 To 250, Deduct	*-68.68*	
		For >250, Deduct	*-81.77*	
27 53 13 13-0053	EA	12.5", Electric, Single Sided, Analog, Wireless Synchronized Clock	383.25	32.74
		For >100 To 250, Deduct	*-67.00*	
		For >250, Deduct	*-79.71*	
27 53 13 13-0054	EA	12.5", Electric, Dual Sided, Analog, Wireless Synchronized Clock	701.02	32.74
		For >100 To 250, Deduct	*-44.76*	
		For >250, Deduct	*-54.29*	
27 53 13 13-0055	EA	16", Electric, Single Sided, Analog, Wireless Synchronized Clock	439.33	32.74
		For >100 To 250, Deduct	*-50.93*	
		For >250, Deduct	*-65.88*	
27 53 13 13-0056		**Digital, Wireless Synchronized Clocks (Primex Digital Series)** *(27 53 13 13-0048)*		
27 53 13 13-0057		**4-Digit, Digital, Wireless Synchronized Clocks** *(27 53 13 13-0056)*		
27 53 13 13-0058	EA	2.5", Single Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock	495.40	32.74
		For Green LED, Add	*42.99*	
		For >100 To 250, Deduct	*-44.20*	
		For >250, Deduct	*-65.69*	
27 53 13 13-0059	EA	2.5", Dual Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock	925.33	32.74
		For Green LED, Add	*85.99*	
		For >100 To 250, Deduct	*-95.79*	
		For >250, Deduct	*-241.96*	
27 53 13 13-0060	EA	4", Single Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock	551.48	32.74
		For Green LED, Add	*48.60*	
		For >100 To 250, Deduct	*-31.67*	
		For >250, Deduct	*-46.25*	
27 53 13 13-0061	EA	4", Dual Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock	1,037.48	32.74
		For Green LED, Add	*97.20*	
		For >100 To 250, Deduct	*-87.56*	
		For >250, Deduct	*-272.24*	
27 53 13 13-0062		**6-Digit, Digital, Wireless Synchronized Clocks** *(27 53 13 13-0056)*		
27 53 13 13-0063	EA	2.5", Single Sided, 6-Digit, Red LED Digital, Wireless Synchronized Clock	551.48	32.74
		For Green LED, Add	*48.60*	
		For >100 To 250, Deduct	*-36.53*	
		For >250, Deduct	*-52.08*	
27 53 13 13-0064	EA	2.5", Dual Sided, 6-Digit, Red LED Digital, Wireless Synchronized Clock	1,037.48	32.74
		For Green LED, Add	*97.20*	
		For >100 To 250, Deduct	*-78.81*	
		For >250, Deduct	*-184.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 13-0065	EA	2.5", Flush Mount, 6-Digit, Red LED Digital, Wireless Synchronized Clock	644.94	32.74
		For Green LED, Add	*57.95*	
		For >100 To 250, Deduct	*-30.08*	
		For >250, Deduct	*-44.57*	
27 53 13 13-0066		**Wire Guards For Wireless Synchronized Clocks** *(27 53 13 13-0048)*		
27 53 13 13-0067	EA	18" x 18" Analog Clock Wire Guard For 16" Wireless Synchronized Clocks	172.93	16.37
27 53 13 13-0068	EA	Digital Clock Wire Guard For 2.5" Wireless Synchronized Clocks	79.47	16.37
27 53 13 13-0069	EA	Digital Clock Wire Guard For 4" Wireless Synchronized Clocks	88.82	16.37
27 53 13 13-0070		**Wireless Synchronized Clock Transmitters** *(27 53 13 13-0048)*		
		Note: Includes 16 channel transmitter with daylight savings bypass and time zone switch, GPS receiver, 16' cable and window installation hardware.		
27 53 13 13-0071	EA	Internal Antenna, One Watt GPS Wireless Clock Transmitter (Primex 14000)	3,738.63	98.22
		For Roof Mounted GPS Receiver, Add	*550.26*	
27 53 13 13-0072	EA	External Antenna, One Watt GPS Wireless Clock Transmitter (Primex 14000-E)	6,084.51	98.22
		Note: Includes 100' antenna cable, 29.4" high x 41.5" wide ground plane antenna with direct ground lightning protection.		
		For Roof Mounted GPS Receiver, Add	*784.85*	
27 53 13 13-0073	EA	Repeater, Satellite Transmitter (Primex 14006)	3,673.15	65.48
		Note: Includes 100' antenna cable, 29.4" high x 41.5" wide ground plane antenna with direct ground lightning protection.		
27 53 13 13-0074		**Accessories For Wireless Synchronized Clock Transmitters** *(27 53 13 13-0048)*		
27 53 13 13-0075	EA	External Antenna Mounting Kit For Wireless Synchronized Clock Transmitters	332.77	26.19
27 53 13 13-0076	EA	Transmitter Rack For Wireless Synchronized Clock Transmitters	149.59	26.19
27 53 13 13-0077	EA	Surge Protector And Battery Back Up For Wireless Synchronized Clock Transmitters	222.45	13.10
27 53 13 13-0078	EA	50' GPS Receiver Cable For Wireless Synchronized Clock Transmitters	190.72	32.74
27 53 13 13-0079	EA	100' GPS Receiver Cable For Wireless Synchronized Clock Transmitters	266.45	49.11
27 53 13 13-0080	EA	200' GPS Receiver Cable For Wireless Synchronized Clock Transmitters	392.65	65.48
27 53 13 16		**Wired Clock Systems** *(27 53 13)*		
27 53 13 16-0001		**Wired Self-Corrective Clock Systems** *(27 53 13 16)*		
27 53 13 16-0002		**Wired Self-Corrective Clocks** *(27 53 13 16-0001)*		
27 53 13 16-0003		**Analog, Wired Self-Corrective Clocks (Telecor)** *(27 53 13 16-0002)*		
27 53 13 16-0004		**24 Volt AC, Analog, Wired Self-Corrective Clocks** *(27 53 13 16-0003)*		
27 53 13 16-0005	EA	12", Single Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	286.98	32.74
		For >50 To 100, Deduct	*-18.66*	
		For >100, Deduct	*-27.52*	
27 53 13 16-0006	EA	12", Dual Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount	682.33	32.74
		For >50 To 100, Deduct	*-34.48*	
		For >100, Deduct	*-59.15*	
27 53 13 16-0007	EA	16", Single Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	359.88	32.74
		For >50 To 100, Deduct	*-24.52*	
		For >100, Deduct	*-36.30*	
27 53 13 16-0008	EA	16", Dual Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount	901.03	32.74
		For >50 To 100, Deduct	*-93.36*	
		For >100, Deduct	*-126.78*	
27 53 13 16-0009		**120 Volt AC, Analog, Wired Self-Corrective Clocks** *(27 53 13 16-0003)*		
27 53 13 16-0010	EA	12", Single Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	286.98	32.74
		For >50 To 100, Deduct	*-18.66*	
		For >100, Deduct	*-27.52*	
27 53 13 16-0011	EA	12", Dual Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount	682.33	32.74
		For >50 To 100, Deduct	*-34.48*	
		For >100, Deduct	*-59.15*	
27 53 13 16-0012	EA	16", Single Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	359.88	32.74
		For >50 To 100, Deduct	*-24.52*	
		For >100, Deduct	*-36.30*	
27 53 13 16-0013	EA	16", Dual Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount	901.03	32.74
		For >50 To 100, Deduct	*-93.36*	
		For >100, Deduct	*-126.78*	
27 53 13 16-0014		**Accessories For Analog Wired Self-Corrective Clocks** *(27 53 13 16-0003)*		
27 53 13 16-0015	EA	Wire Guards For 12", 15" Or 16" Analog Wired Self-Corrective Clocks	236.02	16.37
27 53 13 16-0016	EA	Back Box For 10", 12" Or 15" Flush Mount Analog Wired Self-Corrective Clocks	60.78	16.37
27 53 13 16-0017	EA	Surface Mounting Rings For 12" Analog Wired Self-Corrective Clocks	76.91	16.37
27 53 13 16-0018	EA	Surface Mounting Rings For 15" Analog Wired Self-Corrective Clocks	93.73	16.37
27 53 13 16-0019	EA	Combination Back Box For Speaker And Clock	168.12	26.19
27 53 13 16-0020		**Digital, Wired Self-Corrective Clocks (Telecor)** *(27 53 13 16-0002)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 16-0021		**24 Volt AC, Digital, Wired Self-Corrective Clocks** *(27 53 13 16-0020)*		
27 53 13 16-0022	EA	2.5", 24 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount	354.28	32.74
		For Surface Mount, Add	*57.76*	
		For >50 To 100, Deduct	*-17.33*	
		For >100, Deduct	*-28.88*	
27 53 13 16-0023	EA	4", 24 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount	544.94	32.74
		For Surface Mount, Add	*95.89*	
		For >50 To 100, Deduct	*-28.77*	
		For >100, Deduct	*-47.95*	
27 53 13 16-0024		**120 Volt AC, Digital, Wired Self-Corrective Clocks** *(27 53 13 16-0020)*		
27 53 13 16-0025	EA	2.5", 120 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount	354.28	32.74
		For Surface Mount, Add	*57.76*	
		For >50 To 100, Deduct	*-17.33*	
		For >100, Deduct	*-28.88*	
27 53 13 16-0026	EA	4", 120 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount	544.94	32.74
		For Surface Mount, Add	*95.89*	
		For >50 To 100, Deduct	*-28.77*	
		For >100, Deduct	*-47.95*	
27 53 13 16-0027		**Replacement Modules For 24 Volt AC, Digital, Wired Self-Corrective Clocks** *(27 53 13 16-0020)*		
27 53 13 16-0028	EA	2.5", Replacement Module For 24 Volt AC, Digital, Wired Self-Corrective Clocks	303.12	32.74
		For >50 To 100, Deduct	*-14.26*	
		For >100, Deduct	*-23.76*	
27 53 13 16-0029	EA	4" Replacement Module For 24 Volt AC, Digital, Wired Self-Corrective Clocks	498.67	32.74
		For >50 To 100, Deduct	*-25.99*	
		For >100, Deduct	*-43.32*	
27 53 13 16-0030		**Replacement Modules For 120 Volt AC, Digital, Wired Self-Corrective Clocks** *(27 53 13 16-0020)*		
27 53 13 16-0031	EA	2.5", Replacement Module For 120 Volt AC, Digital, Wired Self-Corrective Clocks	303.12	32.74
		For >50 To 100, Deduct	*-14.26*	
		For >100, Deduct	*-23.76*	
27 53 13 16-0032	EA	4" Replacement Module For 120 Volt AC, Digital, Wired Self-Corrective Clocks	498.67	32.74
		For >50 To 100, Deduct	*-25.99*	
		For >100, Deduct	*-43.32*	
27 53 13 16-0033		**Accessories For Digital Wired Self-Corrective Clocks** *(27 53 13 16-0020)*		
27 53 13 16-0034	EA	Wire Guard For 4" Surface Mount Analog Wired Self-Corrective Clocks	321.54	16.37
27 53 13 16-0035	EA	2.5", Recessed Back Box For Flush Mount Digital Wired Self-Corrective Clocks	77.60	16.37
27 53 13 16-0036	EA	4", Recessed Back Box For Flush Mount Digital Wired Self-Corrective Clocks	107.04	16.37
27 53 13 16-0037	EA	Dual Mounting Kit For Surface Mount Digital Wired Self-Corrective Clocks	280.88	16.37
27 53 13 16-0038	EA	4 Gang Extension Ring For Surface Mount Digital Wired Self-Corrective Clocks	79.71	16.37
27 53 13 16-0039		**Wired Self-Corrective Master Clocks** *(27 53 13 16-0001)*		
27 53 13 16-0040		**Wired Self-Corrective Master Clocks** *(27 53 13 16-0039)*		
27 53 13 16-0041	EA	24 Volt AC, Wired Self-Corrective Master Clock, Surface Mount (Telecor 2400-S-24)	3,322.08	261.92
27 53 13 16-0042	EA	120 Volt AC, Wired Self-Corrective Master Clock, Surface Mount (Telecor 2400-S-120)	3,532.37	261.92
27 53 13 16-0043		**Accessories For Wired Self-Corrective Master Clocks** *(27 53 13 16-0039)*		
27 53 13 16-0044	EA	5 Amperes Power Transformer For 24 Volt AC, Wired Self-Corrective Clock Systems (Telecor 2405)	343.36	65.48
27 53 13 16-0045	EA	10 Amperes Power Transformer For 24 Volt AC, Wired Self-Corrective Clock Systems (Telecor 2406)	387.51	65.48
27 53 13 16-0046		**Other Clock And Program Systems** *(27 53 13 16)*		
27 53 13 16-0047	EA	4 Circuit Master Clock And Signal Control (Lathem LTR4-512)	2,103.25	130.96
27 53 13 16-0048	EA	8 Circuit Master Clock And Signal Control (Lathem LTR8-512)	2,539.75	261.92
27 53 13 16-0049	EA	Program Bell (Lathem 906-6)	308.27	65.48
27 53 13 16-0050	EA	Combination Clock And Speaker	699.38	163.70

END OF SECTION 27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

28 Electronic Safety and Security

Note: Termination costs are included with all safety and security equipment, panel boards, and devices. Terminations are not included with patch panels.

28 05 Common Work Results for Electronic Safety and Security *(28)*

28 05 26 Grounding and Bonding for Electronic Safety and Security *(28 05)*

See CSI section 26 05 26 00-0000 for grounding and bonding.

28 05 53 Identification for Electronic Safety and Security *(28 05)*

See CSI section 26 05 53 00-0000 for identification.

28 10 Access Control *(28)*

Note: Includes testing of new devices and certification.

28 15 Integrated Access Control Hardware Devices *(28 10)*

28 15 11 Integrated Credential Readers and Field Entry Management *(28 15)*

28 15 11 13 Keypads *(28 15 11)*

28 15 11 13-0001 Vindicator Security Alarm System *(28 15 11 13)*

28 15 11 13-0002	EA	Switch, Balanced Magnetic Security Door (Vindicator #192-30894-00)	1,757.45	273.05
28 15 11 13-0003	EA	Security Detector, Passive Infrared (Vindicator #316-30812-00)	2,221.57	354.91
28 15 11 13-0004	EA	Premise Security Control Unit (Vindicator #548-32004-01)	12,228.37	777.90
28 15 11 13-0005	EA	Access Manager Security Key Pad (Vindicator #548-31894-01)	5,795.38	662.93
28 15 11 13-0006	EA	ALS Duress Security Switch (Vindicator #192-30810-00)	1,408.18	362.63

28 16 Access Control Interfaces *(28 10)*

28 16 11 Access Control Interfaces to Access Control Hardware *(28 16)*

28 16 11 00-0001 Stand-Alone Access Controls *(28 16 11)*

28 16 11 00-0002 Push Button Controls, Stand-Alone Access Controls *(28 16 11 00-0001)*

28 16 11 00-0003 Interior Mount, Push Button Controls, Stand-Alone Access Controls *(28 16 11 00-0002)*

28 16 11 00-0004	EA	Exit Push Button, Push Button Controls, Interior Stand-Alone Access Controls Note: Controls mount to a standard mullion.	165.87	32.74
28 16 11 00-0005	EA	Exit Push Button, Push Button Controls, Interior Stand-Alone Access Controls Note: Controls mount into a single gang electrical box. Excludes electrical box.	174.24	32.74
28 16 11 00-0006	EA	Three Button, Push Button Controls, Interior Stand-Alone Access Controls For Gate Operators Note: Controls mount into a single gang electrical box. Excludes electrical box.	222.34	32.74

28 16 11 00-0007 Exterior Mount, Push Button Controls, Stand-Alone Access Controls *(28 16 11 00-0002)*

Note: Includes a lockable, gasketed 16 gauge steel enclosure. Excludes mounting posts.

28 16 11 00-0008	EA	Handicap/Push To Open, Push Button Controls, Exterior Stand-Alone Access Controls Note: Controls mount into a single gang electrical box. Excludes electrical box.	210.49	32.74
28 16 11 00-0009	EA	42" High Aluminum Post With Handicap/Push To Open, Push Button Controls, Exterior Stand-Alone Access Controls Note: Includes post, mounting base and push button control. Excludes concrete foundation.	1,030.26	98.22
28 16 11 00-0010	EA	Three Button, Exterior Stand-Alone Access Controls For Gate Operators Note: Includes open, close and stop controls.	347.84	32.74

28 16 11 00-0011 Key Controls, Stand-Alone Access Controls *(28 16 11 00-0001)*

28 16 11 00-0012 Interior Mount, Key Controls, Stand-Alone Access Controls *(28 16 11 00-0011)*

28 16 11 00-0013	EA	Standard Mortise Key, Key Controls, Interior Stand-Alone Access Controls Note: Controls mount into a single gang electrical box. Excludes electrical box.	238.03	32.74

28 16 11 00-0014 Exterior Mount, Key Controls, Stand-Alone Access Controls *(28 16 11 00-0011)*

Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.

28 16 11 00-0015	EA	Postal Or Fire Department Lock Box, Key Controls, Exterior Stand-Alone Access Controls Note: Opens door or gate with a postal or fire department key.	361.03	65.48
28 16 11 00-0016	EA	Standard Mortise Key, Key Controls, Exterior Stand-Alone Access Controls	582.73	65.48
28 16 11 00-0017	EA	Ace Key, Key Controls, Exterior Stand-Alone Access Controls	582.73	65.48
28 16 11 00-0018	EA	Standard Mortise Key And Push Button Intercom, Key Controls, Exterior Stand-Alone Access Controls	900.64	65.48

28 16 11 00-0019 Keypad Controls, Stand-Alone Access Controls *(28 16 11 00-0001)*

28 16 11 00-0020 Interior Mount, Keypad Controls, Stand-Alone Access Controls *(28 16 11 00-0019)*

28 16 11 00-0021	EA	One Code Memory, Keypad Control, Interior Stand-Alone Access Controls Note: Stores one 4-digit entry code and one 4-digit hold code. Controls mount into a single gang electrical box. Excludes electrical box.	337.38	32.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0022		Exterior Mount, Keypad Controls, Stand-Alone Access Controls *(28 16 11 00-0019)* Note: Includes a surface mounted lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 16 11 00-0023		Keypad Controls, Exterior Stand-Alone Access Controls *(28 16 11 00-0022)*		
28 16 11 00-0024	EA	1000 Code Memory, Keypad Control, Exterior Stand-Alone Access Controls Note: Includes lighted keypad. Stores one thousand 4-digit entry codes and six 5-digit entry codes.	1,412.26	130.96
		For Flush Mount, Add	*258.83*	
28 16 11 00-0025		Keypad Controls With Push Button Intercom, Exterior Stand-Alone Access Controls *(28 16 11 00-0022)* Note: Includes intercom sub-station. Excludes additional receiving intercoms.		
28 16 11 00-0026	EA	1000 Code Memory, Keypad Controls With Push Button Intercom, Exterior Stand-Alone Access Controls Note: Includes lighted keypad. Stores one thousand 4-digit entry codes and six 5-digit entry codes.	1,716.90	147.33
		For Flush Mount, Add	*320.00*	
28 16 11 00-0027		RF Controls, Stand-Alone Access Controls *(28 16 11 00-0001)*		
28 16 11 00-0028		Exterior Mount, RF Controls, Stand-Alone Access Controls *(28 16 11 00-0027)* Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts and transmitters.		
28 16 11 00-0029		RF Receivers, RF Controls, Exterior Stand-Alone Access Controls *(28 16 11 00-0028)* Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts and transmitters.		
28 16 11 00-0030	EA	50 Code Memory, RF Receiver, RF Controls, Exterior Stand-Alone Access Controls	826.63	130.96
28 16 11 00-0031	EA	100 Code Memory, RF Receiver, RF Controls, Exterior Stand-Alone Access Controls	939.57	130.96
28 16 11 00-0032	EA	250 Code Memory, RF Receiver, RF Controls, Exterior Stand-Alone Access Controls	1,048.33	130.96
28 16 11 00-0033	EA	500 Code Memory, RF Receiver, RF Controls, Exterior Stand-Alone Access Controls	1,165.46	130.96
28 16 11 00-0034	EA	1000 Code Memory, RF Receiver, RF Controls, Exterior Stand-Alone Access Controls	1,274.22	130.96
28 16 11 00-0035	EA	5000 Code Memory, RF Receiver, RF Controls, Exterior Stand-Alone Access Controls	1,391.34	130.96
28 16 11 00-0036	EA	16000 Code Memory, RF Receiver, RF Controls, Exterior Stand-Alone Access Controls	1,500.10	130.96
28 16 11 00-0037		RF Transmitters, RF Controls, Exterior Stand-Alone Access Controls *(28 16 11 00-0028)*		
28 16 11 00-0038	EA	1 Button, RF Transmitter, RF Controls, Exterior Stand-Alone Access Controls	71.11	
		For >40 To 110, Deduct	*-3.56*	
		For >110, Deduct	*-7.11*	
		For Built In Proximity Tags, Add	*14.22*	
28 16 11 00-0039	EA	2 Button, RF Transmitter, RF Controls, Exterior Stand-Alone Access Controls	75.29	
		For >40 To 110, Deduct	*-3.76*	
		For >110, Deduct	*-7.53*	
		For Built In Proximity Tags, Add	*15.06*	
28 16 11 00-0040	EA	3 Button, RF Transmitter, RF Controls, Exterior Stand-Alone Access Controls	79.48	
		For >40 To 110, Deduct	*-3.97*	
		For >110, Deduct	*-7.95*	
		For Built In Proximity Tags, Add	*15.90*	
28 16 11 00-0041		Accessories For RF Receivers, Exterior Stand-Alone Access Controls *(28 16 11 00-0028)*		
28 16 11 00-0042	EA	Coax Antenna Kit For RF Receivers, Exterior Stand-Alone Access Controls Note: Includes 15' of coax cable.	296.83	98.22
28 16 11 00-0043	EA	Antenna Amplifier For RF Receivers, Exterior Stand-Alone Access Controls Note: Includes 20' of coax cable.	614.74	98.22
28 16 11 00-0044	EA	Yagi High-Gain Antenna Kit For RF Receivers, Exterior Stand-Alone Access Controls Note: Includes 15' of coax cable.	556.18	98.22
28 16 11 00-0045		Proximity Card Controls, Stand-Alone Access Controls *(28 16 11 00-0001)*		
28 16 11 00-0046		Exterior Mount, Proximity Card Controls, Stand-Alone Access Controls *(28 16 11 00-0045)* Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 16 11 00-0047		DKS Proximity Card Controls, Exterior Stand-Alone Access Controls *(28 16 11 00-0046)*		
28 16 11 00-0048		DKS Proximity Card Readers, Exterior Stand-Alone Access Controls *(28 16 11 00-0047)*		
28 16 11 00-0049	EA	DKS Proximity Card Reader, Exterior Stand-Alone Access Controls	1,621.41	130.96
28 16 11 00-0050		AWID Proximity Card Controls, Exterior Stand-Alone Access Controls *(28 16 11 00-0046)*		
28 16 11 00-0051		AWID Proximity Card Readers, Exterior Stand-Alone Access Controls *(28 16 11 00-0050)*		
28 16 11 00-0052	EA	AWID Proximity Card Reader, Exterior Stand-Alone Access Controls	1,767.82	130.96
28 16 11 00-0053		HID Proximity Card Controls, Exterior Stand-Alone Access Controls *(28 16 11 00-0046)*		
28 16 11 00-0054		HID Proximity Card Readers, Exterior Stand-Alone Access Controls *(28 16 11 00-0053)*		
28 16 11 00-0055	EA	HID Proximity Card Reader, Exterior Stand-Alone Access Controls	2,102.46	130.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0056		Magnetic Stripe Card Controls, Stand-Alone Access Controls *(28 16 11 00-0001)*		
28 16 11 00-0057		Interior Mount, Magnetic Stripe Card Controls, Stand-Alone Access Controls *(28 16 11 00-0056)*		
28 16 11 00-0058	EA	Magnetic Stripe Reader, Interior Stand-Alone Access Controls	952.12	130.96
28 16 11 00-0059		Exterior Mount, Magnetic Stripe Card Controls, Stand-Alone Access Controls *(28 16 11 00-0056)*		
		Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 16 11 00-0060	EA	Magnetic Stripe Reader, Exterior Stand-Alone Access Controls	1,188.33	130.96
28 16 11 00-0061		Other Stand-Alone Access Controls *(28 16 11 00-0001)*		
28 16 11 00-0062	EA	Toggle Switch, Interior Access Controls For Gate Operators	159.60	32.74
		Note: Controls mount into a single gang electrical box. Excludes electrical box.		
28 16 11 00-0063	EA	Request To Exit Motion Detector (Bosch Security Systems DS160)	158.93	26.19
28 16 11 00-0064		Wiegand Output Access Controls *(28 16 11)*		
		Note: Excludes controllers.		
28 16 11 00-0065		Proximity Card Controls, Wiegand Output Access Controls *(28 16 11 00-0064)*		
28 16 11 00-0066		DKS, Proximity Card Controls, Wiegand Output Access Controls *(28 16 11 00-0065)*		
28 16 11 00-0067		DKS, Proximity Cards *(28 16 11 00-0066)*		
28 16 11 00-0068	EA	Clamshell Type, DKS Proximity Card (DKS 170)	11.13	
28 16 11 00-0069	EA	ISO Compliant Graphics Card, DKS Proximity Card (DKS 80)	18.35	
28 16 11 00-0070	EA	DKS Proximity Key Fob (DKS 50)	19.33	
28 16 11 00-0071	EA	Active Tag, DKS Proximity Tag (DKS 150)	109.32	
		Note: Battery powered tag to boost signal.		
28 16 11 00-0072	EA	Active Tag, DKS Proximity Tag (DKS 200)	142.50	
		Note: Battery powered tag to boost signal.		
28 16 11 00-0073		DKS, Proximity Card Readers, Wiegand Output Access Controls *(28 16 11 00-0066)*		
28 16 11 00-0074	EA	Up To 2" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Small)	549.94	163.70
28 16 11 00-0075	EA	Up To 3" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Mullion)	549.94	163.70
28 16 11 00-0076	EA	Up To 4" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Single Gang)	549.94	163.70
28 16 11 00-0077	EA	Up To 30" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS)	1,592.35	163.70
		Note: Includes mounting bracket and 12 Volt DC regulated power supply.		
28 16 11 00-0078		AWID, Proximity Card Controls, Wiegand Output Access Controls *(28 16 11 00-0065)*		
28 16 11 00-0079		AWID, Proximity Cards *(28 16 11 00-0078)*		
28 16 11 00-0080	EA	Clamshell Type, AWID Proximity Card (AWID Prox-Linc CS)	9.37	
28 16 11 00-0081	EA	ISO Compliant Graphics Card, AWID Proximity Card (AWID Prox-Linc GR)	14.64	
28 16 11 00-0082	EA	AWID Proximity Key Fob (AWID Prox-Linc KT)	15.62	
28 16 11 00-0083	EA	Windshield Tag For LR 2000 Readers, AWID Proximity Tag	54.66	
28 16 11 00-0084	EA	Metal Mount Tag For LR 2000 Readers, AWID Proximity Tag	54.66	
28 16 11 00-0085		AWID, Proximity Card Readers, Wiegand Output Access Controls *(28 16 11 00-0078)*		
28 16 11 00-0086	EA	Up To 4" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID SR 2400)	678.78	163.70
		Note: For mullion mounting.		
28 16 11 00-0087	EA	Up To 8" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MM 6800)	959.88	163.70
		Note: For mullion mounting.		
28 16 11 00-0088	EA	Up To 8" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MM 6820)	959.88	163.70
		Note: For single gang electrical box mounting.		
28 16 11 00-0089	EA	Up To 24" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MR 1824)	1,596.26	163.70
		Note: Includes 12 Volt DC regulated power supply.		
28 16 11 00-0090	EA	Up To 11' Read Range, 12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID LR 2000)	9,232.83	163.70
		Note: Includes mounting bracket and 12 Volt DC regulated power supply.		
28 16 11 00-0091		HID, Proximity Card Controls, Wiegand Output Access Controls *(28 16 11 00-0065)*		
28 16 11 00-0092		HID, Proximity Cards *(28 16 11 00-0091)*		
28 16 11 00-0093	EA	Clamshell Type, HID Proximity Card (HID ProxCard II)	21.14	
28 16 11 00-0094	EA	ISO Compliant Graphics Card, HID Proximity Card (HID ISOProx II)	28.17	
28 16 11 00-0095	EA	HID Proximity Key Fob (HID ProxKey II)	28.95	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0096		**HID, Proximity Card Readers, Wiegand Output Access Controls** *(28 16 11 00-0091)*		
28 16 11 00-0097	EA	Up To 3" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID ProxPoint Plus) Note: For mullion mounting. (HID P/N 6005).	587.64	163.70
28 16 11 00-0098	EA	Up To 5" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID ThinLine II) Note: For single gang electrical box mounting. (HID P/N 5395).	692.79	163.70
28 16 11 00-0099	EA	Up To 5" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID MiniProx) Note: For mullion mounting. (HID P/N 5365).	771.65	163.70
28 16 11 00-0100	EA	EntryProx Single-Door Proximity Access Control Note: (HID P/N 4045) Stores up to 2,000 users and 1,000 time-stamped transactions 12 position keypad for Pin entry or programming optional use with card/key fob, code only or card plus pin code Wiegand output mode. Continental Instrument CICR2358P.	984.57	163.70
28 16 11 00-0101		**Contactless Smart Card Controls, Wiegand Output Access Controls** *(28 16 11 00-0064)*		
28 16 11 00-0102		**HID, Contactless Smart Cards** *(28 16 11 00-0101)*		
28 16 11 00-0103	EA	2K Bits, Clamshell Type, HID iClass, Contactless Smart Card	17.18	
28 16 11 00-0104	EA	16K Bits, ISO Compliant Graphics Card, HID iClass, Contactless Smart Card	18.75	
28 16 11 00-0105	EA	16K Bits, Contactless Smartcard Key Fob, HID iClass, Contactless Smart Card	24.54	
28 16 11 00-0106	EA	16K Bits, Contactless Smartcard Tag, HID iClass, Contactless Smart Card Note: Battery powered tag to boost signal.	13.28	
28 16 11 00-0107		**HID, Contactless Smart Card Readers, Wiegand Output Access Controls** *(28 16 11 00-0101)*		
28 16 11 00-0108	EA	Up To 3-1/4" Read Range, 5-16 Volt DC, HID iClass Contactless Smart Card Reader, Wiegand Output Access Controls (HID R10) Note: For mullion mounting.	637.22	163.70
28 16 11 00-0109	EA	Up To 4-1/4" Read Range, 5-12 Volt DC, HID iClass Contactless Smart Card Reader, Wiegand Output Access Controls (HID R40) Note: For mullion mounting.	894.90	163.70
28 16 11 00-0110	EA	Up To 4-1/4" Read Range, 5-12 Volt DC, HID iClass Contactless Smart Card Reader With Keypad, Wiegand Output Access Controls (HID RK40) Note: For mullion mounting.	1,474.67	163.70
28 16 11 00-0111		**HID, Contactless Smart Card Programmer, Wiegand Output Access Controls** *(28 16 11 00-0101)*		
28 16 11 00-0112	EA	HID iClass Contactless Smart Card Programmer, Wiegand Output Access Controls (HID CP400) Note: For mullion mounting.	4,735.50	163.70
28 16 11 00-0113		**Call Station Controls, Wiegand Output Access Controls** *(28 16 11 00-0064)* Note: Includes intercom sub-station. Excludes additional receiving intercoms.		
28 16 11 00-0114	EA	Call Station With Entry Keypad, Exterior Wiegand Output Access Controls Note: For mullion mounting.	1,833.30	163.70
28 16 11 00-0115	EA	Call Station With Proximity Card Reader, Exterior Wiegand Output Access Controls Note: For mullion mounting.	1,519.57	163.70
28 16 11 00-0116		**Biometrics Readers, Wiegand Output Access Controls** *(28 16 11 00-0064)*		
28 16 11 00-0117	EA	Palm Reader Recognition System, Biometrics Readers, Wiegand Output Access Controls	7,221.87	130.96
28 16 11 00-0118	EA	CCD Camera, Face Image, Biometrics Readers, Wiegand Output Access Controls	8,821.21	130.96
28 16 11 00-0119	EA	Video Grabber Card For DFR Reader, Biometrics Readers, Wiegand Output Access Controls	3,476.68	130.96
28 16 11 00-0120	EA	Fingerprint Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Pass)	2,393.88	130.96
28 16 11 00-0121	EA	Fingerprint Reader With HID Card Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Prox)	2,669.96	130.96
28 16 11 00-0122	EA	Fingerprint Reader With Contactless Smart Card Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Smart)	2,393.88	130.96
28 16 11 00-0123		**Exterior Mounting Posts For Gate Operator Access Controls** *(28 16 11)* Note: Includes mounting plate for access controls, baked on enamel finish and mounting bolt covers. Excludes concrete pads and electrical connections.		
28 16 11 00-0124		**2" x 2" Steel, Exterior Mounting Posts For Gate Operator Access Controls** *(28 16 11 00-0123)*		
28 16 11 00-0125	EA	44" Tall, Gooseneck Style, Single Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 5" x 5" base plate.	552.21	52.32
28 16 11 00-0126	EA	73" Tall, Gooseneck Style, Dual Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes an 8" x 8" base plate.	1,045.81	52.32
28 16 11 00-0127	EA	Anchor Post For 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.	502.01	52.32
28 16 11 00-0128		**4" x 4" Steel, Exterior Mounting Posts For Gate Operator Access Controls** *(28 16 11 00-0123)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0129	EA	59" Tall, Straight Style, Single Mount, 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls Note: Includes an 8" x 8" base plate.	987.26	62.78
28 16 11 00-0130	EA	49" Tall, Offset Style, Single Mount, 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls Note: Includes an 8" x 8" base plate and a 14" offset from back of post.	1,171.31	62.78
28 16 11 00-0131	EA	Anchor Post For 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.	732.09	62.78
28 16 11 00-0132		**4" x 8" Steel, Exterior Mounting Posts For Gate Operator Access Controls** *(28 16 11 00-0123)*		
28 16 11 00-0133	EA	59" Tall, Straight Style, Single Mount, 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 11" x 13" base plate.	3,147.81	78.47
28 16 11 00-0134	EA	50" Tall, Offset Style, Single Mount, 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 10" x 14" base plate and a 14" offset from back of post.	3,294.22	78.47
28 16 11 00-0135	EA	Anchor Post For 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.	1,390.93	26.16
28 16 11 00-0136	EA	48" Light Tower For 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls	2,185.71	78.47
28 16 11 00-0137		**Access Control Accessories** *(28 16 11)*		
28 16 11 00-0138	EA	6 Volt DC, 12 Volt DC, Or 24 Volt DC, At 4 Amperes, Power Supply/Charger (Altronix SMP-5)	688.94	
28 16 11 00-0139	EA	7 Amperes, 12 Volt, Battery	90.89	
28 16 11 00-0140	EA	18 Amperes, 12 Volt, Battery	202.60	
28 16 11 00-0141	EA	Door Personality Module (Sensormatic RM-4)	750.49	32.74
28 16 11 00-0142	EA	Mini-Alert Door Ajar Sounder (System Sensor PA400)	303.81	65.48
28 16 11 00-0143	EA	Recessed Contact For Steel Doors, Door Monitor Switch (Sentrol 1078C)	91.99	39.29
28 16 11 00-0144	EA	Access Control Systems Power Supply (Altronix AL400ULACMCB)	827.82	26.19
28 16 11 00-0145	EA	Surge Suppressor (Tripp-Lite IBAR4)	124.83	6.55
28 16 11 00-0146	EA	Door Strike Relay (Altronix RBSN-TTL)	86.87	26.19
28 16 11 00-0147	EA	4" Diameter x 74" High, Powder Coated Steel, Burial Mount Gooseneck For Access Control Devices (GNB-1) Note: Set in concrete.	520.27	
28 16 11 00-0148	EA	16-Zone Input, Door Controller Expansion Module With 16" SPI Cable (Kantech KT-MOD-INP16)	735.34	163.70
28 16 11 00-0149		**Access Controllers** *(28 16 11)*		
28 16 11 00-0150		**Microterm Controller** *(28 16 11 00-0149)*		
28 16 11 00-0151	EA	Microterm Stand-Alone One Or Two Door Processing Panel (Continental Instruments CICP1100) Note: Up to 1,000 card capacity. Includes 2 alarm inputs, tamper alarm, and 3 relay outputs.	1,904.03	163.70
28 16 11 00-0152	EA	Microterm PC Board (Continental Instruments CICP1100PCB)	1,377.28	98.22
28 16 11 00-0153	EA	Battery Standby For Microterm (Continental Instruments CICP1100BAT-2) Note: Input 120 Volt AC, output 12 Volt DC to temporarily power the Microterm only.	656.19	
28 16 11 00-0154		**Miniterm Controller** *(28 16 11 00-0149)*		
28 16 11 00-0155	EA	Miniterm Two Reader Processing Panel (Continental Instrument CICP1200) Note: Up to 3,000 card capacity. Includes 8 EOL Class A supervised alarm inputs, temper alarm, and 5 relay outputs. Complete in a lockable steel enclosure with battery standby for memory and system operation.	2,986.45	163.70
28 16 11 00-0156	EA	Miniterm PC Board (Continental Instrument CICP1200PCB)	2,261.99	98.22
28 16 11 00-0157		**Super-2 Controller** *(28 16 11 00-0149)*		
28 16 11 00-0158	EA	Super-Two - Two Reader Processing Panel (Continental Instruments CICP1300) Note: For use with CA3000 V2.0.25 and above. Up to a 125,000 card capacity, 8 EOL supervised alarm inputs, tamper, 5 relay outputs. Support for on-board LAN adapter, 57,600 baud rate, 6 access groups per card-holder and compressed data mode. Complete in a lockable steel enclosure with battery standby for memory and system operation.	2,208.24	163.70
28 16 11 00-0159	EA	Super-Two - PC Board (Continental Instruments CICP1300BD)	1,518.22	98.22
28 16 11 00-0160	EA	Network Interface Board For Super-2 (Continental Instruments CICP1300NETBD) Note: Optional on-board adapter allows for communication over TCP/IP.	416.38	98.22
28 16 11 00-0161		**Smarterm Controller** *(28 16 11 00-0149)*		
28 16 11 00-0162	EA	Smarterm Four Reader Processing Panel (Continental Instrument CICP1400) Note: Card capacity up to 2,500. Includes 16 alarm inputs, tamper alarm, and 9 relay outputs. Complete in a lockable steel enclosure with battery standby for memory and system operation.	6,281.16	196.44
28 16 11 00-0163	EA	Smarterm PC Board (Continental Instrument CICP1400PCB)	4,840.79	98.22
28 16 11 00-0164	EA	Smarterm Memory Board - 256K (Continental Instrument CICP1400MB256-1) Note: Up to 10,000 cardholders.	1,880.30	98.22
28 16 11 00-0165	EA	Smarterm Memory Board - 2MB (Continental Instrument CICP1400MB2-1) Note: Up to 50,000 cardholders.	2,675.50	98.22
28 16 11 00-0166	EA	Smarterm Relay Expander Board (Continental Instrument CICP1400RB) Note: 16 Output relays, 8 alarm inputs.	2,079.64	98.22
28 16 11 00-0167	EA	Smarterm Alarm Expander Board (Continental Instrument CICP1400RB) Note: (Supervised) 16 alarm inputs.	2,079.64	98.22
28 16 11 00-0168		**Superterm-4 Controller** *(28 16 11 00-0149)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0169	EA	Superterm-4 - Four Reader Processing Panel (Continental Instrument CICP1400UL) Note: 20,000 card capacity, 12 supervised alarm inputs, tamper alarm, and 9 relay outputs. Complete in a painted steel enclosure with 7 AH battery standby for system operation.	5,795.91	196.44
28 16 11 00-0170	EA	Superterm-4 PC Board (Continental Instrument CICP1400ULPCB)	4,759.22	98.22
28 16 11 00-0171		**Superterm-8 Controller** *(28 16 11 00-0149)*		
28 16 11 00-0172	EA	Superterm-8 - Eight Reader Processing Panel (Continental Instrument CICP1800) Note: Up to 20,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including 7 AH battery standby for memory and system operation.	7,709.33	327.40
28 16 11 00-0173	EA	Superterm-8 - Eight Reader Processing Panel, Expanded Power (Continental Instrument CICP1800EXP) Note: With expanded power supply. (required if more than 1 relay expander board is used.) Up to 20,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including 7 AH battery standby for memory and system operation.	8,371.99	327.40
28 16 11 00-0174	EA	Superterm-8 PC Board (Continental Instrument CICP1800PCB)	6,410.73	98.22
28 16 11 00-0175		**Turbo Superterm-4 Controller** *(28 16 11 00-0149)*		
28 16 11 00-0176	EA	Turbo Superterm-4 - Four Reader Processing Panel (Continental Instrument CICP1400ULT) Note: 20,000 Card capacity, 12 supervised alarm inputs, tamper alarm, and 9 relay outputs. Complete in a painted steel enclosure with 7 AH battery standby for system operation.	5,795.91	196.44
28 16 11 00-0177	EA	Turbo Superterm-4 PC Board (Continental Instrument CICP1400ULTPCB)	4,759.22	98.22
28 16 11 00-0178		**Turbo Superterm-8 Controller** *(28 16 11 00-0149)*		
28 16 11 00-0179	EA	Turbo Superterm-8 - Eight Reader Processing Panel (Continental Instrument CICP1800T) Note: For use with CA3000 V2.0.25 and above. Up to 40,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including a 7 AH battery standby for memory and system operation.	7,709.33	327.40
28 16 11 00-0180	EA	Turbo Superterm-8 -Eight Reader Processing Panel, Expanded Power (Continental Instrument CICP1800TEXP) Note: Required if more than one relay expander board is used. Up to 40,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including a 7 AH battery standby for memory and system operation.	8,371.99	327.40
28 16 11 00-0181	EA	Turbo Superterm-8 PC Board (Continental Instrument CICP1800TPCB)	6,410.73	98.22
28 16 11 00-0182	EA	Superterm Memory Board - 2MB (Continental Instrument CICP1800MB2) Note: Up to 140,000 cardholders.	2,675.50	98.22
28 16 11 00-0183	EA	Turbo/Superterm-8 Memory Board - 2MB (Continental Instrument CICP1800MB2X2) Note: Up to 140,000 cardholders.	2,251.38	98.22
28 16 11 00-0184	EA	Turbo Superterm-8 Relay Expander Board (Continental Instrument CICP1800RB) Note: 16 Output relays, 8 alarm inputs.	2,081.78	98.22
28 16 11 00-0185	EA	Turbo Superterm-8 Alarm Expander Board (Continental Instrument CICP1800RB) Note: (Supervised) 16 Alarm inputs.	2,081.78	98.22
28 16 11 00-0186	EA	Expanded Power Supply For Superterm Or Turbo Superterm (Continental Instrument CICPEXPPWS)	849.98	
28 16 11 00-0187		**Intelligent Controller** *(28 16 11 00-0149)*		
28 16 11 00-0188	EA	Intelligent Controller With Paired Reader Interface for One Physical Barrier (Mercury Security EP-1501)	1,490.73	98.22
28 16 11 00-0189	EA	Up To 64 Doors, Access Controller (Mercury Security EP-1502)	2,572.00	163.70
28 16 11 00-0190		**Access Control Bundled System** *(28 16 11)*		
28 16 11 00-0191	EA	CA 3000 Bundled System, Supports 25 Users (Continental Instrument CA3B250P4O3V0R0) Note: System includes PC, monitor, keyboard, mouse, OS, Card Access 3000 file server software, MS SQL 2000, 1 SQL host license, and security key.	42,073.31	
28 16 11 00-0192		**Magnetic Locks** *(28 16 11)* Note: Excludes access controls.		
28 16 11 00-0193		**Magnetic Door Locks** *(28 16 11 00-0192)*		
28 16 11 00-0194		**300 Lb. Magnetic Door Locks** *(28 16 11 00-0193)*		
28 16 11 00-0195	EA	Single Door, Surface Mount, 300 Lb. Magnetic Door Lock	759.70	130.96
28 16 11 00-0196		**600 Lb. Magnetic Door Locks** *(28 16 11 00-0193)*		
28 16 11 00-0197	EA	600 Lb., Single Door, Surface Mount, Magnetic Door Lock	1,104.80	130.96
		For LED Status Indicator And Signal Relay, Add	*105.36*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*210.72*	
		For Mortise Mount, Deduct	*-168.58*	
28 16 11 00-0198	EA	600 Lb., Dual Doors, Surface Mount, Magnetic Door Lock	1,671.61	130.96
		For LED Status Indicator And Signal Relay, Add	*176.21*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*352.42*	
28 16 11 00-0199		**1,200 Lb. Magnetic Door Locks** *(28 16 11 00-0193)*		
28 16 11 00-0200	EA	1,200 Lb., Single Door, Surface Mount, Magnetic Door Lock	1,157.09	130.96
		For LED Status Indicator And Signal Relay, Add	*205.89*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*268.55*	
28 16 11 00-0201	EA	Dual Doors, Surface Mount, 1,200 Lb. Magnetic Door Lock	1,784.55	130.96
		For LED Status Indicator And Signal Relay, Add	*350.20*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*456.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0202		2,000 Lb. Shear Lock, Magnetic And Mechanical Locks *(28 16 11 00-0193)*		
		Note: Includes LED status indicator and built-in signal relay.		
28 16 11 00-0203	EA	Single Door, Mortise Mount, 2,000 Lb. Shear Lock, Magnetic And Mechanical Door Lock	1,213.56	130.96
28 16 11 00-0204		Magnetic Gate Locks *(28 16 11 00-0192)*		
28 16 11 00-0205		600 Lb. Magnetic Gate Locks *(28 16 11 00-0204)*		
28 16 11 00-0206	EA	600 Lb. Magnetic Gate Lock	897.74	130.96
28 16 11 00-0207		1,200 Lb. Magnetic Gate Locks *(28 16 11 00-0204)*		
28 16 11 00-0208	EA	1,200 Lb. Magnetic Gate Lock	1,088.07	130.96
		For LED Status Indicator And Signal Relay, Add	*103.27*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*206.54*	
		For Mortise Mount, Deduct	*-165.23*	
28 16 11 00-0209		Magnetic Lock Power Supply And Chargers *(28 16 11 00-0192)*		
		Note: Includes lockable metal enclosure, batteries, battery charger and electronically regulated outputs.		
28 16 11 00-0210	EA	12/24 Volt DC At 1 Ampere, Magnetic Lock Backup Power Supply And Charger	654.24	130.96
28 16 11 00-0211	EA	12/24 Volt DC At 2-1/2 Amperes, Magnetic Lock Backup Power Supply And Charger	843.87	130.96
28 16 11 00-0212	EA	12 Volt DC At 4 Amperes And 24 Volt DC At 3 Amperes, Magnetic Lock Backup Power Supply And Charger	955.42	130.96
28 16 11 00-0213	EA	12/24 Volt DC At 6 Amperes, Magnetic Lock Backup Power Supply And Charger	1,211.98	130.96
28 16 11 00-0214		Master Door Buzzer Stations *(28 16 11)*		
28 16 11 00-0215		Master Stations *(28 16 11 00-0214)*		
28 16 11 00-0216	EA	Master Stations, 5 Station Intercommunication Equipment	1,248.70	204.30
28 16 11 00-0217	EA	Master Stations, 10 Station Intercommunication Equipment	1,872.95	395.50
28 16 11 00-0218	EA	Master Station, Desk Style Remote Intercommunication Equipment	536.16	102.15
28 16 11 00-0219	EA	Master Station, Flush Wall Remote Intercommunication Equipment	684.65	170.25
28 16 11 00-0220	EA	Sound System Outlet, Protector	174.87	66.66
28 16 11 00-0221	EA	Sound System Microphone Outlet	305.15	136.46
28 16 11 00-0222	EA	Ceiling Or Wall, Sound System Speaker	234.90	66.66
28 16 11 00-0223	EA	Sound System Monitor Panel	688.51	136.46
28 16 11 00-0224	EA	Sound System Volume Control	202.55	66.66
28 16 11 00-0225	EA	250 Watt, Sound System Amplifier	3,188.56	545.72
28 16 11 00-0226	EA	Sound System Cabinet	1,853.39	545.72
28 16 11 00-0227		Master Door Stations *(28 16 11 00-0214)*		
28 16 11 00-0228	EA	Master Door Stations, Button Buzzer Type, 25 Station	2,729.13	
		For Intercom Type Master Door Station, Add	*230.60*	
28 16 11 00-0229	EA	Master Door Stations, Button Buzzer Type, 50 Station	4,519.22	
		For Intercom Type Master Door Station, Add	*373.56*	
28 16 11 00-0230	EA	Master Door Stations, Button Buzzer Type, 75 Station	6,199.61	
		For Intercom Type Master Door Station, Add	*484.25*	
28 16 11 00-0231	EA	Master Door Stations, Button Buzzer Type, 100 Station	7,087.72	
		For Intercom Type Master Door Station, Add	*567.26*	
28 16 11 00-0232	EA	Master Door Stations, Button Buzzer Type, 150 Station	8,613.59	
		For Intercom Type Master Door Station, Add	*830.14*	
28 16 11 00-0233	EA	Master Door Stations, Button Buzzer Type, 200 Station	10,114.57	
		For Intercom Type Master Door Station, Add	*1,069.96*	
28 16 11 00-0234	EA	Master Door Stations, Button Buzzer Type, 250 Station	12,736.00	
		For Intercom Type Master Door Station, Add	*1,383.57*	
28 16 11 00-0235	EA	Master Door Stations, Button Buzzer Type, 300 Station	15,209.56	
		For Intercom Type Master Door Station, Add	*1,586.49*	
28 16 11 00-0236	EA	Transformer	190.91	
28 16 11 00-0237	EA	Door Opener	282.49	
28 16 11 00-0238	EA	Buzzer With Door Release And Plate	348.01	
28 16 11 00-0239	EA	Amplifier For Intercom Type Unit	574.44	
28 16 11 00-0240	EA	Speaker With Door Release	240.88	

28 20 Video Surveillance *(28)*

Note: Includes testing of new devices and certification.

28 21 Surveillance Cameras *(28 20)*

28 21 31 Proprietary Surveillance Camera Systems *(28 21)*

Note: Includes programming of equipment, testing and certification of new devices.

28 21 31 00-0001 Closed Circuit Television And Surveillance Systems *(28 21 31)*

28 21 31 00-0002 Cameras And Accessories *(28 21 31 00-0001)*

28 21 31 00-0003 Cameras *(28 21 31 00-0002)*

28 21 31 00-0004 General Use Video Camera *(28 21 31 00-0003)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0005	EA	Camera, Day/Night With Auto Iris Lens (Samsung SHC-721A)	1,699.45	128.98
28 21 31 00-0006	EA	Camera With Auto Iris Lens (Panasonic WV-CW 474S)	757.49	128.98
28 21 31 00-0007	EA	Camera With Auto Iris Lens (Panasonic CW244)	1,482.75	128.98
28 21 31 00-0008	EA	Dome (Panasonic WC-CW-244)	1,234.68	128.98
28 21 31 00-0009	EA	Camera, Zoom Day Night Pole Mounted (Pelco PTZ 23X)	3,421.42	128.98
28 21 31 00-0010	EA	Arecont Vision AV8365 8 Megapixel 360 Degree IP Camera	3,716.38	128.98
28 21 31 00-0011	EA	Arecont Vision AV8155 8 Megapixel 360 Degree IP Camera	6,616.87	128.98
28 21 31 00-0012	EA	Arecont Vision 8 Megapixel 180 Degree IP Camera	3,711.60	128.98
28 21 31 00-0013	EA	Arecont Vision AV3155 3 Megapixel Day/Night Camera	2,653.10	128.98
28 21 31 00-0014	EA	Arecont Vision AV5155 5 Megapixel Day/Night Camera	2,802.29	128.98
28 21 31 00-0015	EA	JVC 920U Hi-Res Day/Night Camera	573.40	128.98
28 21 31 00-0016	EA	NUVICO Vandal Dome Camera D/N 580TVL 2.8-10MM 12/24	575.78	128.98
28 21 31 00-0017	EA	NUVICO Indoor Dome Camera 580TVL 2.8-10MM, 12/24	547.23	128.98
28 21 31 00-0018	EA	Fixed Dome Network Camera, 2048 x 1536 Max Resolution, Remote Focus, Extreme Weather (Vivitek FD9371-EHTV)	1,896.33	128.98
28 21 31 00-0019		**Camera Power Supply** *(28 21 31 00-0003)*		
28 21 31 00-0020	EA	100 VA Outdoor Power Supply	382.34	64.48
28 21 31 00-0021	EA	Surge Protector, Isolated Coax Protector For CCTV	152.36	31.83
28 21 31 00-0022	EA	Altronics Power Supply With 8 Fused Outputs	640.96	128.98
28 21 31 00-0023		**Camera Mounting** *(28 21 31 00-0002)*		
28 21 31 00-0024		**Camera Wall Mounts** *(28 21 31 00-0023)*		
28 21 31 00-0025	EA	Parapet Camera Wall Mount, 1.5" Diameter Pipe	664.24	128.82
28 21 31 00-0026	EA	Spectra Wall Mount, Gray	197.61	64.48
28 21 31 00-0027	EA	Spectra Wall Mount Pole Adapter For SWM-GY	162.48	64.48
28 21 31 00-0028	EA	Wall Mount Bracket For Exterior CCTV	516.37	128.98
28 21 31 00-0029		**Video Monitor** *(28 21 31 00-0002)*		
28 21 31 00-0030	EA	17" Color Video Monitor Note: JVC model number TM-H1700GU.	1,506.07	261.92
28 21 31 00-0031		**Digital Video Recorders** *(28 21 31 00-0002)*		
28 21 31 00-0032	EA	Dedicated Micros 16 Channel 500 GB HD; DMSP 16MINA	6,057.43	
28 21 31 00-0033	EA	Dedicated Micros 4 Channel 80 GB HD; D4A-DX4C	1,540.27	
28 21 31 00-0034	EA	Dedicated Micros Digital Sprite 2; DS2PD 16500	7,064.23	
28 21 31 00-0035	EA	Enterprise Class Timesight NVR, Video Lifecycle Management Server; DM-SDEXC16MAX-A Note: (Hybrid NVR/DVR 8 Analog & 4 IP Channels)	11,880.13	
28 21 31 00-0036	EA	Enterprise Class Timesight NVR, Video Lifecycle Management Server; DM-SDACP32MAX-A Note: (Hybrid NVR/DVR 8 Analog & 4 IP Channels)	998.97	
28 21 31 00-0037	EA	Enterprise Class Timesight NVR, Video Lifecycle Management Server; DM-SDACP16MAX-A Note: (Hybrid NVR/DVR 8 Analog & 4 IP Channels)	9,792.94	
28 21 31 00-0038	EA	Enterprise Class Timesight NVR, Video Lifecycle Management Server; DM-SDACP16MIN-A Note: (Hybrid NVR/DVR 8 Analog & 4 IP Channels)	7,776.87	
28 21 31 00-0039	EA	Enterprise Class Timesight NVR, Video Lifecycle Management Server; DM-SDACP08MIN-A Note: (Hybrid NVR/DVR 8 Analog & 4 IP Channels)	6,611.54	
28 21 31 00-0040	EA	Prodigy 8 Channel 1000 GB HD	4,813.37	
28 21 31 00-0041		**Wireless Hardware** *(28 21 31 00-0002)*		
28 21 31 00-0042	EA	MIMO PB24M24 Outdoor Wireless Box	1,950.81	
28 21 31 00-0043	EA	VLRM24 Wireless 2.4GHz MIMO Access Point	1,214.39	
28 21 31 00-0044		**Network Video Recorders** *(28 21 31 00-0002)*		
28 21 31 00-0045	EA	16-Channel 2U Rack-Mountable, Network Video Recorder (NUUO TP-8160R Titan Pro)	9,994.96	
28 21 31 00-0046		**Closed Circuit Television And Surveillance Systems (Pelco)** *(28 21 31)*		
28 21 31 00-0047		**Cameras And Accessories** *(28 21 31 00-0046)*		
28 21 31 00-0048		**Cameras** *(28 21 31 00-0047)*		
28 21 31 00-0049		**Compact, 1/3" Format Cameras** *(28 21 31 00-0048)*		
28 21 31 00-0050		**High Resolution Color, Compact, 1/3" Format Cameras** *(28 21 31 00-0049)*		
28 21 31 00-0051	EA	High Resolution Day/Night, Compact, 1/3" Format Camera (Pelco C10DN-6)	694.95	32.79
28 21 31 00-0052		**Day/Night, Compact, 1/3" Format Cameras** *(28 21 31 00-0049)*		
28 21 31 00-0053	EA	High Resolution Color, Compact, 1/3" Format Camera (Pelco C10CH-6)	409.50	32.79
28 21 31 00-0054		**Camerapaks** *(28 21 31 00-0047)* Note: Includes camera and lens.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0055		Camerapaks *(28 21 31 00-0054)*		
28 21 31 00-0056		High Resolution Color, Camerapaks *(28 21 31 00-0055)*		
28 21 31 00-0057		Fixed Focus, High Resolution Color, Camerapaks *(28 21 31 00-0056)*		
28 21 31 00-0058		Manual Iris, Fixed Focus, High Resolution Color, Camerapaks *(28 21 31 00-0057)*		
28 21 31 00-0059	EA	2.3 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.3)	533.31	32.79
28 21 31 00-0060	EA	2.8 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.8)	501.21	32.79
28 21 31 00-0061	EA	4 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F4)	486.31	32.79
28 21 31 00-0062	EA	8 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F8)	482.87	32.79
28 21 31 00-0063		Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapaks *(28 21 31 00-0057)*		
28 21 31 00-0064	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.3A)	581.46	32.79
28 21 31 00-0065	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.8A)	533.31	32.79
28 21 31 00-0066	EA	4 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F4A)	521.85	32.79
28 21 31 00-0067	EA	8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F8A)	512.68	32.79
28 21 31 00-0068		Varifocal, High Resolution Color, Camerapaks *(28 21 31 00-0056)*		
28 21 31 00-0069		Manual Iris, Varifocal, High Resolution Color, Camerapaks *(28 21 31 00-0068)*		
28 21 31 00-0070	EA	1-3 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V1)	628.46	32.79
28 21 31 00-0071	EA	2.5-6 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V2)	566.56	32.79
28 21 31 00-0072	EA	2.8-12 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V21)	516.12	32.79
28 21 31 00-0073	EA	3-8 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V3)	495.48	32.79
28 21 31 00-0074	EA	5-40 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V5)	572.29	32.79
28 21 31 00-0075		Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapaks *(28 21 31 00-0068)*		
28 21 31 00-0076	EA	1-3 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V1A)	678.90	32.79
28 21 31 00-0077	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V2A)	636.49	32.79
28 21 31 00-0078	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V21A)	564.26	32.79
28 21 31 00-0079	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V3A)	503.50	32.79
28 21 31 00-0080	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V5A)	596.36	32.79
28 21 31 00-0081	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V50A)	674.32	32.79
28 21 31 00-0082	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V55A)	774.06	32.79
28 21 31 00-0083		Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapaks *(28 21 31 00-0068)*		
28 21 31 00-0084	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6R3A)	529.87	32.79
28 21 31 00-0085	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6R75A)	634.19	32.79
28 21 31 00-0086		High Resolution Day/Night, Camerapaks *(28 21 31 00-0055)*		
28 21 31 00-0087		Varifocal, High Resolution Day/Night, Camerapaks *(28 21 31 00-0086)*		
28 21 31 00-0088		Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapaks *(28 21 31 00-0087)*		
28 21 31 00-0089	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V2A)	1,074.41	32.79
28 21 31 00-0090	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V21A)	1,002.19	32.79
28 21 31 00-0091	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V3A)	941.43	32.79
28 21 31 00-0092	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V5A)	1,034.29	32.79
28 21 31 00-0093	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V50A)	1,112.24	32.79
28 21 31 00-0094	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V55A)	1,210.83	32.79
28 21 31 00-0095		Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapaks *(28 21 31 00-0087)*		
28 21 31 00-0096	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6R3A)	967.80	32.79
28 21 31 00-0097	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6R75A)	1,072.12	32.79
28 21 31 00-0098		Compact Camerapaks *(28 21 31 00-0054)*		
28 21 31 00-0099		High Resolution Color, Compact Camerapaks *(28 21 31 00-0098)*		
28 21 31 00-0100		DSS, High Resolution Color, Compact Camerapaks *(28 21 31 00-0099)*		
28 21 31 00-0101		Fixed Focus, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0100)*		
28 21 31 00-0102		Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0101)*		
28 21 31 00-0103	EA	2.3 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.3)	832.52	32.79
28 21 31 00-0104	EA	2.8 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.8)	800.42	32.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0105	EA	4 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F4)	784.37	32.79
28 21 31 00-0106	EA	8 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F8)	780.93	32.79
28 21 31 00-0107		**Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapaks** *(28 21 31 00-0101)*		
28 21 31 00-0108	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.3A)	879.52	32.79
28 21 31 00-0109	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.8A)	832.52	32.79
28 21 31 00-0110	EA	4 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F4A)	821.06	32.79
28 21 31 00-0111	EA	8 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F8A)	811.89	32.79
28 21 31 00-0112		**Varifocal, DSS, High Resolution Color, Camerapaks** *(28 21 31 00-0100)*		
28 21 31 00-0113		**Manual Iris, Varifocal, DSS, High Resolution Color, Camerapaks** *(28 21 31 00-0112)*		
28 21 31 00-0114	EA	1-3 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V1)	927.67	32.79
28 21 31 00-0115	EA	2.5-6 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V2)	864.62	32.79
28 21 31 00-0116	EA	2.8-12 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V21)	815.33	32.79
28 21 31 00-0117	EA	3-8 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V3)	794.69	32.79
28 21 31 00-0118	EA	5-40 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V5)	870.35	32.79
28 21 31 00-0119	EA	5-50 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V50)	919.65	32.79
28 21 31 00-0120	EA	5.5-82.5 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V55)	1,036.58	32.79
28 21 31 00-0121		**Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapaks** *(28 21 31 00-0112)*		
28 21 31 00-0122	EA	1-3 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V1A)	976.97	32.79
28 21 31 00-0123	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V2A)	935.70	32.79
28 21 31 00-0124	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V21A)	863.47	32.79
28 21 31 00-0125	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V3A)	801.57	32.79
28 21 31 00-0126	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V5A)	895.57	32.79
28 21 31 00-0127	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V50A)	973.53	32.79
28 21 31 00-0128	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V55A)	1,072.12	32.79
28 21 31 00-0129		**Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapaks** *(28 21 31 00-0112)*		
28 21 31 00-0130	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2R3A)	829.08	32.79
28 21 31 00-0131	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2R75A)	933.40	32.79
28 21 31 00-0132		**EDR, High Resolution Color, Compact Camerapaks** *(28 21 31 00-0099)*		
28 21 31 00-0133		**Fixed Focus, EDR, High Resolution Color, Camerapaks** *(28 21 31 00-0132)*		
28 21 31 00-0134		**Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapaks** *(28 21 31 00-0133)*		
28 21 31 00-0135	EA	2.3 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.3)	832.52	32.79
28 21 31 00-0136	EA	2.8 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.8)	621.58	32.79
28 21 31 00-0137	EA	4 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F4)	605.53	32.79
28 21 31 00-0138	EA	8 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F8)	602.10	32.79
28 21 31 00-0139		**Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapaks** *(28 21 31 00-0133)*		
28 21 31 00-0140	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.3A)	700.69	32.79
28 21 31 00-0141	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.8A)	653.68	32.79
28 21 31 00-0142	EA	4 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F4A)	642.22	32.79
28 21 31 00-0143	EA	8 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F8A)	642.22	32.79
28 21 31 00-0144		**Varifocal, EDR, High Resolution Color, Camerapaks** *(28 21 31 00-0132)*		
28 21 31 00-0145		**Manual Iris, Varifocal, EDR, High Resolution Color, Camerapaks** *(28 21 31 00-0144)*		
28 21 31 00-0146	EA	1-3 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V1)	748.83	32.79
28 21 31 00-0147	EA	2.5-6 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V2)	685.78	32.79
28 21 31 00-0148	EA	2.8-12 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V21)	636.49	32.79
28 21 31 00-0149	EA	3-8 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V3)	615.85	32.79
28 21 31 00-0150	EA	5-40 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V5)	691.51	32.79
28 21 31 00-0151	EA	5-50 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V50)	740.81	32.79
28 21 31 00-0152	EA	5.5-82.5 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V55)	857.74	32.79
28 21 31 00-0153		**Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapaks** *(28 21 31 00-0144)*		
28 21 31 00-0154	EA	1-3 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V1A)	798.13	32.79
28 21 31 00-0155	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V2A)	756.86	32.79
28 21 31 00-0156	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V21A)	683.49	32.79
28 21 31 00-0157	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V3A)	622.73	32.79
28 21 31 00-0158	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V5A)	716.74	32.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0159	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V50A)	794.69	32.79
28 21 31 00-0160	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V55A)	893.28	32.79
28 21 31 00-0161		Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0144)*		
28 21 31 00-0162	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2R3A)	650.24	32.79
28 21 31 00-0163	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2R75A)	754.57	32.79
28 21 31 00-0164		High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0098)*		
28 21 31 00-0165		Fixed Focus, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0164)*		
28 21 31 00-0166		Manual Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0165)*		
28 21 31 00-0167	EA	8 mm, Manual Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F8)	768.32	32.79
28 21 31 00-0168		DC-Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0165)*		
28 21 31 00-0169	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F2.3A)	866.91	32.79
28 21 31 00-0170	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F2.8A)	818.76	32.79
28 21 31 00-0171		Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0164)*		
28 21 31 00-0172		Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0171)*		
28 21 31 00-0173	EA	2.8-12 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V21)	801.57	32.79
28 21 31 00-0174	EA	3-8 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V3)	780.93	32.79
28 21 31 00-0175	EA	5-50 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V50)	907.04	32.79
28 21 31 00-0176		Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0171)*		
28 21 31 00-0177	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V2A)	921.94	32.79
28 21 31 00-0178	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V21A)	849.72	32.79
28 21 31 00-0179	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V3A)	788.96	32.79
28 21 31 00-0180	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V5A)	881.82	32.79
28 21 31 00-0181	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V50A)	959.77	32.79
28 21 31 00-0182	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V55A)	1,059.51	32.79
28 21 31 00-0183		Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0171)*		
28 21 31 00-0184	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6R3A)	815.33	32.79
28 21 31 00-0185	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6R75A)	919.65	32.79
28 21 31 00-0186		Camera Systems *(28 21 31 00-0047)*		
28 21 31 00-0187		Camera Dome Systems *(28 21 31 00-0186)*		
28 21 31 00-0188		Spectra®, Pan/Tilt Camera Dome Systems *(28 21 31 00-0187)*		
28 21 31 00-0189		Spectra®, Pan/Tilt Camera Dome Systems *(28 21 31 00-0188)* Note: Includes dome drive, camera, lens, back box, clear or smoked lower dome and mounting hardware.		
28 21 31 00-0190		Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0189)*		
28 21 31 00-0191		Black And White, Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0190)*		
28 21 31 00-0192	EA	22X, Surface Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-SMB)	3,406.22	196.74
28 21 31 00-0193	EA	22X, In-Ceiling Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-F)	3,876.24	196.74
28 21 31 00-0194	EA	22X, Pendant Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PB)	4,087.18	196.74
28 21 31 00-0195	EA	22X, Environmental Pendant Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PG-E)	5,664.63	196.74
28 21 31 00-0196		Color, Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0190)*		
28 21 31 00-0197	EA	16X, Surface Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-SMB)	2,873.14	196.74
28 21 31 00-0198	EA	16X, In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-F)	3,110.45	196.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0199	EA	16X, Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PB)	3,322.53	196.74
28 21 31 00-0200	EA	16X, Environmental In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-F-E)	3,444.05	196.74
28 21 31 00-0201	EA	16X, Environmental Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PG-E)	3,444.05	196.74
28 21 31 00-0202	EA	22X, Surface Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-SMB)	3,607.99	196.74
28 21 31 00-0203	EA	22X, In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-F)	4,079.16	196.74
28 21 31 00-0204	EA	22X, Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PB)	4,291.24	196.74
28 21 31 00-0205	EA	22X, Environmental In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-F-E)	4,412.76	196.74
28 21 31 00-0206	EA	22X, Environmental Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PG-E)	4,412.76	196.74
28 21 31 00-0207		**Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome Systems** *(28 21 31 00-0190)*		
28 21 31 00-0208	EA	23X, Surface Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-SMB)	4,196.09	196.74
28 21 31 00-0209	EA	23X, In-Ceiling Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-F)	4,667.26	196.74
28 21 31 00-0210	EA	23X, Pendant Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PB)	4,879.34	196.74
28 21 31 00-0211	EA	23X, Environmental In-Ceiling Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-F-E)	5,000.86	196.74
28 21 31 00-0212	EA	23X, Environmental Pendant Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PG-E)	5,000.86	196.74
28 21 31 00-0213		**Day/Night, Spectra® IV, Pan/Tilt Camera Dome Systems** *(28 21 31 00-0190)*		
28 21 31 00-0214	EA	18X, Surface Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-SMB)	3,810.90	196.74
28 21 31 00-0215	EA	18X, In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-F)	4,049.35	196.74
28 21 31 00-0216	EA	18X, Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PB)	4,260.29	196.74
28 21 31 00-0217	EA	18X, Environmental In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-F-E)	4,381.81	196.74
28 21 31 00-0218	EA	18X, Environmental Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PG-E)	4,381.81	196.74
28 21 31 00-0219	EA	35X, Surface Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-SMB)	4,582.43	196.74
28 21 31 00-0220	EA	35X, In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-F)	4,957.30	196.74
28 21 31 00-0221	EA	35X, Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PB)	5,168.24	196.74
28 21 31 00-0222	EA	35X, Environmental In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-F-E)	5,289.75	196.74
28 21 31 00-0223	EA	35X, Environmental Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PG-E)	5,289.75	196.74
28 21 31 00-0224		**Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome Systems** *(28 21 31 00-0189)*		
28 21 31 00-0225		**Color, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome Systems** *(28 21 31 00-0224)*		
28 21 31 00-0226	EA	16X, In-Ceiling Mount, Color, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HF)	3,729.50	196.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0227	EA	16X, Pendant Mount, Color, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HP)	3,933.56	196.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0228	EA	16X, Environmental Pendant Mount, Color, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HPE)	4,096.35	196.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0229	EA	22X, In-Ceiling Mount, Color, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HF)	4,627.14	196.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0230	EA	22X, Pendant Mount, Color, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HP)	4,831.19	196.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0231	EA	22X, Environmental Pendant Mount, Color, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HPE)	4,995.13	196.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0232		**Day/Night, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome Systems** *(28 21 31 00-0224)*		
28 21 31 00-0233	EA	18X, In-Ceiling Mount, Day/Night, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HF)	4,667.26	196.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0234	EA	18X, Pendant Mount, Day/Night, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HP)	4,871.32	196.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0235	EA	18X, Environmental Pendant Mount, Day/Night, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HPE)	5,035.25	196.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0236	EA	35X, In-Ceiling Mount, Day/Night, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HF)	5,505.28	196.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0237	EA	35X, Pendant Mount, Day/Night, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HP)	5,708.19	196.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0238	EA	35X, Environmental Pendant Mount, Day/Night, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HPE)	5,872.13	196.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0239		**Pressurized Spectra® IV, Pan/Tilt Camera Dome Systems** *(28 21 31 00-0189)*		
28 21 31 00-0240		**Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome Systems** *(28 21 31 00-0239)*		
28 21 31 00-0241	EA	18X, Environmental Pendant Mount, Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PRE)	6,172.48	196.74
28 21 31 00-0242	EA	35X, Environmental Pendant Mount, Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PRE)	7,010.50	196.74
28 21 31 00-0243		**Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems** *(28 21 31 00-0189)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0244		Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0243)*		
28 21 31 00-0245	EA	22X, Environmental Pendant Mount, Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PSGE)	5,367.71	196.74
28 21 31 00-0246		Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0243)*		
28 21 31 00-0247	EA	16X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PSGE)	4,672.99	196.74
28 21 31 00-0248	EA	22X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PSGE)	5,571.77	196.74
28 21 31 00-0249		Color/Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0243)*		
28 21 31 00-0250	EA	23X, Environmental Pendant Mount, Color/Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PSGE)	6,159.87	196.74
28 21 31 00-0251		Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0243)*		
28 21 31 00-0252	EA	18X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PSGE)	5,611.89	196.74
28 21 31 00-0253	EA	35X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PSGE)	6,448.76	196.74
28 21 31 00-0254		Miniature Spectra®, Mini Pan/Tilt Camera Dome Systems *(28 21 31 00-0189)*		
28 21 31 00-0255		Color, Miniature Spectra®, Mini Pan/Tilt Camera Dome Systems *(28 21 31 00-0254)*		
28 21 31 00-0256	EA	10X, In-Ceiling Mount, Color, Miniature Spectra®, Mini Pan/Tilt Camera Dome System (Pelco SD4-B)	2,155.50	196.74
28 21 31 00-0257		Spectra® IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0188)* Note: Includes simultaneous IP and analog video and control, dome drive, camera, lens, back box, clear or smoked lower dome and mounting hardware.		
28 21 31 00-0258		Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0257)*		
28 21 31 00-0259		Color, Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0258)*		
28 21 31 00-0260	EA	16X, In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-F)	3,966.81	196.74
28 21 31 00-0261	EA	16X, Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-PB)	4,178.89	196.74
28 21 31 00-0262	EA	16X, Environmental In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-F-E)	4,300.41	196.74
28 21 31 00-0263	EA	16X, Environmental Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-PG-E)	4,300.41	196.74
28 21 31 00-0264	EA	22X, In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-F1)	4,935.52	196.74
28 21 31 00-0265	EA	22X, Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-PB-1)	5,147.60	196.74
28 21 31 00-0266	EA	22X, Environmental In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-F-E1)	5,269.12	196.74
28 21 31 00-0267	EA	22X, Environmental Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-PG-E1)	5,269.12	196.74
28 21 31 00-0268		Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0258)*		
28 21 31 00-0269	EA	23X, In-Ceiling Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-F1)	5,523.62	196.74
28 21 31 00-0270	EA	23X, Pendant Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-PB-1)	5,735.70	196.74
28 21 31 00-0271	EA	23X, Environmental In-Ceiling Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-F-E1)	5,857.22	196.74
28 21 31 00-0272	EA	23X, Environmental Pendant Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-PG-E1)	5,857.22	196.74
28 21 31 00-0273		Heavy-Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0257)*		
28 21 31 00-0274		Color, Heavy-Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0273)*		
28 21 31 00-0275	EA	16X, In-Ceiling Mount, Color, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HF1)	4,585.86	196.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0276	EA	16X, Pendant Mount, Color, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HP1)	4,789.92	196.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0277	EA	16X, Environmental Pendant Mount, Color, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HPE1)	4,952.71	196.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0278	EA	22X, In-Ceiling Mount, Color, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HF1)	5,483.50	196.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0279	EA	22X, Pendant Mount, Color, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HP1)	5,687.56	196.74
		For Protective Lower Dome Cage, Add	*34.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0280	EA	22X, Environmental Pendant Mount, Color, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HPE1)	5,851.49	196.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0281		**Day/Night, Heavy-Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems** *(28 21 31 00-0273)*		
28 21 31 00-0282	EA	18X, In-Ceiling Mount, Day/Night, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HF1)	5,523.62	196.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0283	EA	18X, Pendant Mount, Day/Night, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HP1)	5,727.68	196.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0284	EA	18X, Environmental Pendant Mount, Day/Night, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HPE1)	5,891.61	196.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0285	EA	35X, In-Ceiling Mount, Day/Night, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HF1)	6,361.64	196.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0286	EA	35X, Pendant Mount, Day/Night, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HP1)	6,564.55	196.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0287	EA	35X, Environmental Pendant Mount, Day/Night, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HPE1)	6,728.49	196.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0288		**Stainless Steel Spectra® IV IP Network, Pan/Tilt Camera Dome Systems** *(28 21 31 00-0257)*		
28 21 31 00-0289		**Color, Stainless Steel Spectra® IV IP Network, Camera Dome Systems** *(28 21 31 00-0288)*		
28 21 31 00-0290	EA	16X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-PSGE1)	5,529.35	196.74
28 21 31 00-0291	EA	22X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-PSGE1)	6,428.13	196.74
28 21 31 00-0292		**Color/Black And White, Stainless Steel Spectra® IV IP Network, Camera Dome Systems** *(28 21 31 00-0288)*		
28 21 31 00-0293	EA	23X, Environmental Pendant Mount, Color/Black And White, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-PSGE1)	7,016.23	196.74
28 21 31 00-0294		**Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome Systems** *(28 21 31 00-0288)*		
28 21 31 00-0295	EA	18X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-PSGE1)	6,468.25	196.74
28 21 31 00-0296	EA	35X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-PSGE1)	7,305.13	196.74
28 21 31 00-0297		**Miniature Spectra® IP Network, Mini Pan/Tilt Camera Dome Systems** *(28 21 31 00-0257)*		
28 21 31 00-0298		**Color, Miniature Spectra® IP Network, Mini Camera Dome Systems** *(28 21 31 00-0297)*		
28 21 31 00-0299	EA	10X, In-Ceiling Mount, Color, Miniature Spectra® IP Network, Black Mini Camera Dome System (Pelco SD4N-W1)	2,708.06	196.74
28 21 31 00-0300		**Spectra®, Pan/Tilt Dome Drives** *(28 21 31 00-0188)*		
		Note: Includes dome drive, camera and lens.		
28 21 31 00-0301	EA	10X, Color Camera, Spectra® Mini Dome Drive (Pelco DD4)	2,003.93	163.95
28 21 31 00-0302	EA	10X, Color Camera, Spectra® IP Network, Mini Dome Drive (Pelco DD4N)	2,554.20	163.95
28 21 31 00-0303	EA	22X, Black And White Camera, Spectra® IV Dome Drive (Pelco DD4M22)	3,234.01	163.95
28 21 31 00-0304	EA	16X, Color Camera, Spectra® IV Dome Drive (Pelco DD4TC16)	2,539.30	163.95
28 21 31 00-0305	EA	22X, Color Camera, Spectra® IV Dome Drive (Pelco DD4C22)	3,436.93	163.95
28 21 31 00-0306	EA	18X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW18)	3,477.05	163.95
28 21 31 00-0307	EA	23X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW23)	4,025.03	163.95
28 21 31 00-0308	EA	35X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW35)	4,315.07	163.95
28 21 31 00-0309	EA	35X, Color/Black And White Camera, Spectra® IV Horizon Dome Drive (Pelco DD4H35)	4,315.07	163.95
28 21 31 00-0310		**Accessories For Spectra® Pan/Tilt Camera Dome Systems** *(28 21 31 00-0188)*		
28 21 31 00-0311	EA	Upgrade To Chrome Lower Dome (Pelco Spectra)	161.64	
28 21 31 00-0312	EA	Upgrade To Gold Lower Dome (Pelco Spectra)	210.94	
28 21 31 00-0313	EA	Wall Mount For Spectra® Systems (Pelco IWM-BK)	174.94	16.40
28 21 31 00-0314	EA	24 Volt Out, Wall Mount For Spectra® Systems (Pelco IWM24-BK)	442.05	16.40
28 21 31 00-0315	EA	Wall Arm Mount For Spectra® Systems (Pelco IDM4018)	170.36	16.40
28 21 31 00-0316	EA	Wall Arm Mount With Feed Through For Stainless Steel Spectra® IV Systems (Pelco IDM4012SS)	299.31	16.40
28 21 31 00-0317	EA	Pole Mount Adapter For Spectra® Systems (Pelco PA402)	112.98	9.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0318		Camclosure®, Camera Dome Systems *(28 21 31 00-0187)*		
28 21 31 00-0319		Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0318)*		
28 21 31 00-0320		Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0319)*		
28 21 31 00-0321		High Resolution Color, Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0320)*		
28 21 31 00-0322	EA	12 mm, Indoor Surface/In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-CH12)	800.45	196.74
28 21 31 00-0323	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-CHV22)	869.24	196.74
28 21 31 00-0324	EA	12 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS110-CH12)	966.68	196.74
28 21 31 00-0325	EA	12 mm, Environmental In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS150-CH12)	966.68	196.74
28 21 31 00-0326		Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0320)*		
28 21 31 00-0327	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90B-CWV22)	979.29	196.74
28 21 31 00-0328	EA	9-22 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS111-CWV22)	1,068.71	196.74
28 21 31 00-0329	EA	9-22 mm, Environmental In-Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-CWV22)	1,068.71	196.74
28 21 31 00-0330		Day/Night, Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0320)*		
28 21 31 00-0331	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, Day/Night, Camclosure® IS Integrated, White Camera Dome System (Pelco IS90-DNV22)	1,123.74	196.74
28 21 31 00-0332	EA	9-22 mm, Environmental Surface Mount, Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS111-DNV22)	1,344.99	196.74
28 21 31 00-0333	EA	9-22 mm, Environmental In-Ceiling Mount, Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-DNV22)	1,344.99	196.74
28 21 31 00-0334		Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0320)*		
28 21 31 00-0335	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-DWV22)	1,229.21	196.74
28 21 31 00-0336	EA	9-22 mm, Environmental In-Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-DWV22)	1,371.36	196.74
28 21 31 00-0337		Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0319)*		
28 21 31 00-0338		High Resolution Color, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0337)*		
28 21 31 00-0339	EA	3.6 mm, Wall/Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-CH3.6)	885.95	131.16
28 21 31 00-0340		Wide Dynamic Range Color, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0337)*		
28 21 31 00-0341	EA	9-22 mm, Wall/Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-CWV22)	1,015.49	131.16
28 21 31 00-0342		Day/Night, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0337)*		
28 21 31 00-0343	EA	9-22 mm, Wall/Ceiling Mount, Day/Night, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-DNV22)	1,118.67	131.16
28 21 31 00-0344		Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0337)*		
28 21 31 00-0345	EA	9-22 mm, Wall/Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-DWV22)	1,170.26	131.16
28 21 31 00-0346		Camclosure® IS Integrated Cameras *(28 21 31 00-0319)*		
28 21 31 00-0347	EA	12 mm, High Resolution Color, Camclosure® IS Integrated Camera (Pelco IS-CH12)	622.28	131.16
28 21 31 00-0348	EA	9-22 mm, High Resolution Color, Camclosure® IS Integrated Camera (Pelco IS-CHV22)	622.28	131.16
28 21 31 00-0349	EA	9-22 mm, Wide Dynamic Range Color, Camclosure® IS Integrated Camera (Pelco IS-CWV22)	724.31	131.16
28 21 31 00-0350	EA	9-22 mm, Day/Night, Camclosure® IS Integrated Camera (Pelco IS-DNV22)	1,000.59	131.16
28 21 31 00-0351	EA	9-22 mm, Wide Dynamic Range Day/Night, Camclosure® IS Integrated Camera (Pelco IS-DWV22)	1,026.96	131.16
28 21 31 00-0352		Camclosure® ICS Integrated, Camera Dome Systems *(28 21 31 00-0318)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0353		Camclosure® ICS Integrated, Camera Dome Systems *(28 21 31 00-0352)*		
28 21 31 00-0354		Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome Systems *(28 21 31 00-0353)*		
28 21 31 00-0355	EA	12 mm, Indoor Surface/In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS090B-CA12)	686.96	196.74
28 21 31 00-0356	EA	12 mm, UTP, Indoor Surface/In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS090B-CA12T)	736.25	196.74
28 21 31 00-0357	EA	12 mm, Environmental Surface Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS110-CA12)	933.43	196.74
28 21 31 00-0358	EA	12 mm, Environmental In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS150-CA12)	933.43	196.74
28 21 31 00-0359		High Resolution Color, Camclosure® ICS Integrated, Camera Dome Systems *(28 21 31 00-0353)*		
28 21 31 00-0360	EA	3–9 mm, Environmental In-Ceiling Mount, High Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS151-CDV39A)	1,154.69	196.74
28 21 31 00-0361		Camclosure® ICS Integrated, Bullet Style Camera Systems *(28 21 31 00-0352)*		
28 21 31 00-0362		Standard Resolution, Camclosure® ICS Integrated, Bullet Style Camera Systems *(28 21 31 00-0361)*		
28 21 31 00-0363	EA	12 mm, Wall/Ceiling Mount, Standard Resolution, Camclosure® ICS Integrated, Bullet Style Camera System (Pelco ICS310-CA12)	802.26	131.16
28 21 31 00-0364		Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0352)*		
28 21 31 00-0365		High Resolution Color, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0364)*		
28 21 31 00-0366	EA	9-22 mm, High Resolution, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-CHV22)	1,068.71	196.74
28 21 31 00-0367		Wide Dynamic Range Color, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0364)*		
28 21 31 00-0368	EA	9-22 mm, Wide Dynamic Range, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-CWV22)	1,171.89	196.74
28 21 31 00-0369		Day/Night, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0364)*		
28 21 31 00-0370	EA	9-22 mm, Day/Night, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-DNV22)	1,301.43	196.74
28 21 31 00-0371		Wide Dynamic Range Day/Night, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0364)*		
28 21 31 00-0372	EA	9-22 mm, Wide Dynamic Range Day/Night, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-DWV22)	1,353.02	196.74
28 21 31 00-0373		Camclosure® IP Network, Camera Dome Systems *(28 21 31 00-0318)*		
28 21 31 00-0374		Camclosure® IP Network, Camera Dome Systems *(28 21 31 00-0373)*		
28 21 31 00-0375		High Resolution Color, Camclosure® IP Network, Camera Dome Systems *(28 21 31 00-0374)*		
28 21 31 00-0376	EA	3-9.5 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CHV9)	1,921.63	196.74
28 21 31 00-0377	EA	9-22 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CHV22)	1,921.63	196.74
28 21 31 00-0378		Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome Systems *(28 21 31 00-0374)*		
28 21 31 00-0379	EA	3-9.5 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CWV9)	2,063.78	196.74
28 21 31 00-0380	EA	9-22 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CWV22)	2,063.78	196.74
28 21 31 00-0381		Day/Night, Camclosure® IP Network, Camera Dome Systems *(28 21 31 00-0374)*		
28 21 31 00-0382	EA	3-9.5 mm, Environmental Surface Mount, Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP111-DNV9)	2,282.75	196.74
28 21 31 00-0383	EA	9-22 mm, Environmental Surface Mount, Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP111-DNV22)	2,282.75	196.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0384		**Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome Systems** *(28 21 31 00-0374)*		
28 21 31 00-0385	EA	3-9.5 mm, Environmental Surface Mount, Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP110-DWV9)	2,437.51	196.74
28 21 31 00-0386	EA	9-22 mm, Environmental Surface Mount, Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP110-DWV22)	2,437.51	196.74
28 21 31 00-0387		**Accessories For Camclosure® Camera Dome Systems** *(28 21 31 00-0318)*		
28 21 31 00-0388	EA	4S Gangbox Adapter Plate For ICS110 Camclosure® Systems (Pelco ICS110-AP)	40.31	9.83
28 21 31 00-0389	EA	4S Adapter Plate For ICS310 Camclosure® Systems (Pelco ICS310-AP)	40.31	9.83
28 21 31 00-0390	EA	Sun Shield For ICS310 Camclosure® Systems (Pelco ICS310-SS)	53.43	16.40
28 21 31 00-0391	EA	Conduit Adapter For ICS310 Camclosure® Systems (Pelco ICS310-COND)	85.52	16.40
28 21 31 00-0392	EA	2' x 2' Ceiling Panel For ICS150 Camclosure® Systems (Pelco ICS150-P)	88.45	9.83
28 21 31 00-0393	EA	Pendant Mount Adapter For Camclosure® ICS110 Systems (Pelco ICS110-PG)	85.52	16.40
28 21 31 00-0394	EA	Corner Mount Adapter For ICS200 Camclosure® Systems (Pelco ICS210-CM)	108.45	16.40
28 21 31 00-0395	EA	Smoked, Surface Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO110A)	290.27	32.79
28 21 31 00-0396	EA	Clear, Surface Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO111A)	290.27	32.79
28 21 31 00-0397	EA	Smoked, In-Ceiling Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO150A)	290.27	32.79
28 21 31 00-0398	EA	Clear, In-Ceiling Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO151A)	290.27	32.79
28 21 31 00-0399	EA	Pendant Mount Adapter For Camclosure® IP Systems (Pelco IP110-P)	102.72	16.40
28 21 31 00-0400	EA	Smoked Lower Dome For Surface Mount Camclosure® IP Systems (Pelco IP110-LD)	117.17	32.79
28 21 31 00-0401	EA	Clear Lower Dome For Surface Mount Camclosure® IP Systems (Pelco IP111-LD)	117.17	32.79
28 21 31 00-0402	EA	Smoked Lower Dome For Surface Mount Camclosure® IS Systems (Pelco IS110-LD)	117.17	32.79
28 21 31 00-0403	EA	Clear Lower Dome For Surface Mount Camclosure® IS Systems (Pelco IS111-LD)	117.17	32.79
28 21 31 00-0404	EA	Smoked Lower Dome For Ceiling Mount Camclosure® IS Systems (Pelco IS150-LD)	117.17	32.79
28 21 31 00-0405	EA	Clear Lower Dome For Ceiling Mount Camclosure® IS Systems (Pelco IS151-LD)	117.17	32.79
28 21 31 00-0406	EA	Ceiling Mount Enclosure Only, Environmental, Camclosure® IS Systems (Pelco IS150-ENC)	340.78	44.78
28 21 31 00-0407	EA	Black Pendant Mount For Indoor Camclosure® IS Systems (Pelco IS90B-P)	72.91	16.40
28 21 31 00-0408	EA	Black Pendant Wall Mount For Indoor Camclosure® IS Systems (Pelco IS90B-PW)	124.50	16.40
28 21 31 00-0409	EA	White Pendant Mount For Indoor Camclosure® IS Systems (Pelco IS90-P)	72.91	16.40
28 21 31 00-0410	EA	White Pendant Wall Mount For Indoor Camclosure® IS Systems (Pelco IS90-PW)	124.50	16.40
28 21 31 00-0411	EA	Surface Mount Enclosure Only, Environmental, IP Camclosure® (Pelco IP110-ENC)	1,792.09	196.74
28 21 31 00-0412		**Pan/Tilt Camera Systems** *(28 21 31 00-0186)*		
28 21 31 00-0413		**Esprit® CBZ, Pan/Tilt Camera Systems** *(28 21 31 00-0412)* Note: Includes powder coated aluminum pan/tilt enclosure, receiver, camera, lens, built in heater, window defroster/defogger, sun shroud, insulation blanket, 24V power supply and mounting hardware.		
28 21 31 00-0414		**EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems** *(28 21 31 00-0413)*		
28 21 31 00-0415		**Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems** *(28 21 31 00-0414)*		
28 21 31 00-0416	EA	10X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10N)	5,076.08	295.11
28 21 31 00-0417	EA	20X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20N)	5,765.07	295.11
28 21 31 00-0418	EA	30X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30N)	6,720.02	295.11
28 21 31 00-0419	EA	10X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10PN)	5,223.97	295.11
28 21 31 00-0420	EA	20X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20PN)	5,943.91	295.11
28 21 31 00-0421	EA	30X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30PN)	6,898.86	295.11
28 21 31 00-0422		**Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems** *(28 21 31 00-0414)*		
28 21 31 00-0423	EA	10X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10W)	5,123.09	295.11
28 21 31 00-0424	EA	20X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20W)	5,812.07	295.11
28 21 31 00-0425	EA	30X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30W)	6,767.02	295.11
28 21 31 00-0426	EA	10X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10PW)	5,272.12	295.11
28 21 31 00-0427	EA	20X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20PW)	5,990.91	295.11
28 21 31 00-0428	EA	30X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30PW)	6,945.86	295.11
28 21 31 00-0429		**Esprit® CLZ, Pan/Tilt Camera Systems** *(28 21 31 00-0412)*		
28 21 31 00-0430		**DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems** *(28 21 31 00-0429)*		
28 21 31 00-0431		**Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems** *(28 21 31 00-0430)*		
28 21 31 00-0432	EA	10X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10N)	5,254.92	295.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0433	EA	20X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20N)	5,943.91	295.11
28 21 31 00-0434	EA	30X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30N)	6,898.86	295.11
28 21 31 00-0435	EA	10X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10PN)	5,402.81	295.11
28 21 31 00-0436	EA	20X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20PN)	6,122.75	295.11
28 21 31 00-0437	EA	30X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30PN)	7,077.70	295.11
28 21 31 00-0438		Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems *(28 21 31 00-0430)*		
28 21 31 00-0439	EA	10X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10W)	5,301.92	295.11
28 21 31 00-0440	EA	20X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20W)	5,990.91	295.11
28 21 31 00-0441	EA	30X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30W)	6,945.86	295.11
28 21 31 00-0442	EA	10X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10PW)	5,450.96	295.11
28 21 31 00-0443	EA	20X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20PW)	6,169.75	295.11
28 21 31 00-0444	EA	30X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30PW)	7,124.70	295.11
28 21 31 00-0445		Esprit® AJZ, Pan/Tilt Camera Systems *(28 21 31 00-0412)*		
28 21 31 00-0446		High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems *(28 21 31 00-0445)*		
28 21 31 00-0447		Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems *(28 21 31 00-0446)*		
28 21 31 00-0448	EA	6 x 10, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10N)	4,955.71	295.11
28 21 31 00-0449	EA	5.6 x 20, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20N)	5,644.70	295.11
28 21 31 00-0450	EA	5.5 x 30, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30N)	6,599.65	295.11
28 21 31 00-0451	EA	6 x 10, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10PN)	5,104.74	295.11
28 21 31 00-0452	EA	5.6 x 20, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20PN)	5,823.54	295.11
28 21 31 00-0453	EA	5.5 x 30, Preset Positioning, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30PN)	6,778.49	295.11
28 21 31 00-0454		Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems *(28 21 31 00-0446)*		
28 21 31 00-0455	EA	6 x 10, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10W)	5,003.86	295.11
28 21 31 00-0456	EA	5.6 x 20, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20W)	5,691.70	295.11
28 21 31 00-0457	EA	5.5 x 30, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30W)	6,647.80	295.11
28 21 31 00-0458	EA	6 x 8, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ8PW)	5,037.11	295.11
28 21 31 00-0459	EA	6 x 10, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10W)	5,151.75	295.11
28 21 31 00-0460	EA	5.6 x 20, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20PW)	5,870.54	295.11
28 21 31 00-0461	EA	5.5 x 30, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30PW)	6,826.64	295.11
28 21 31 00-0462		Esprit® AMZ, Pan/Tilt Camera Systems *(28 21 31 00-0412)*		
28 21 31 00-0463		Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems *(28 21 31 00-0462)*		
28 21 31 00-0464		Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems *(28 21 31 00-0463)*		
28 21 31 00-0465	EA	5.6 x 20, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20N)	5,930.15	295.11
28 21 31 00-0466	EA	5.5 x 30, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30N)	6,885.10	295.11
28 21 31 00-0467	EA	6 x 10, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10PN)	5,390.20	295.11
28 21 31 00-0468	EA	5.6 x 20, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20PN)	6,108.99	295.11
28 21 31 00-0469	EA	5.5 x 30, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30PN)	7,063.94	295.11
28 21 31 00-0470		Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems *(28 21 31 00-0463)*		
28 21 31 00-0471	EA	6 x 10, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10W)	5,289.31	295.11
28 21 31 00-0472	EA	5.6 x 20, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20W)	5,977.15	295.11
28 21 31 00-0473	EA	5.5 x 30, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30W)	6,933.25	295.11
28 21 31 00-0474	EA	6 x 10, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10PW)	5,437.20	295.11
28 21 31 00-0475	EA	5.6 x 20, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20PW)	6,155.99	295.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0476	EA	5.5 x 30, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30PW)	7,112.09	295.11
28 21 31 00-0477		Esprit® KWZ, Pan/Tilt Camera Systems *(28 21 31 00-0412)*		
28 21 31 00-0478		Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems *(28 21 31 00-0477)*		
28 21 31 00-0479		Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems *(28 21 31 00-0478)*		
28 21 31 00-0480	EA	5.5 x 30, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30N)	7,037.57	295.11
28 21 31 00-0481	EA	6 x 10, Preset Positioning, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10PN)	5,541.52	295.11
28 21 31 00-0482	EA	5.5 x 30, Preset Positioning, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30PN)	7,216.41	295.11
28 21 31 00-0483		Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems *(28 21 31 00-0478)*		
28 21 31 00-0484	EA	6 x 10, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10W)	5,440.64	295.11
28 21 31 00-0485	EA	5.5 x 30, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30W)	7,085.72	295.11
28 21 31 00-0486	EA	6 x 10, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10PW)	5,589.67	295.11
28 21 31 00-0487	EA	5.6 x 20, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ20PW)	6,308.46	295.11
28 21 31 00-0488	EA	5.5 x 30, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30PW)	7,264.56	295.11
28 21 31 00-0489		Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0412)*		
28 21 31 00-0490		Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0489)*		
28 21 31 00-0491		Pedestal Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0490)*		
28 21 31 00-0492	EA	16X, Pedestal Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC16-2N)	5,920.98	295.11
28 21 31 00-0493		Wall Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0490)*		
28 21 31 00-0494	EA	16X, Wall Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC16-2W)	5,967.98	295.11
28 21 31 00-0495		High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0489)*		
28 21 31 00-0496		Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0495)*		
28 21 31 00-0497	EA	22X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC22-2N)	7,037.57	295.11
28 21 31 00-0498	EA	24X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW24-2N)	6,803.71	295.11
28 21 31 00-0499	EA	35X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW35-2N)	7,738.02	295.11
28 21 31 00-0500		Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0495)*		
28 21 31 00-0501	EA	22X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC22-2W)	7,083.43	295.11
28 21 31 00-0502	EA	24X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW24-2W)	6,803.71	295.11
28 21 31 00-0503	EA	35X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW35-2W)	7,789.61	295.11
28 21 31 00-0504		Esprit® IOP, Pan/Tilt Camera Systems *(28 21 31 00-0412)*		
28 21 31 00-0505		High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems *(28 21 31 00-0504)*		
28 21 31 00-0506		Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems *(28 21 31 00-0505)*		
28 21 31 00-0507	EA	16X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C16-2N)	4,546.45	295.11
28 21 31 00-0508	EA	22X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C22-2N)	5,664.19	295.11
28 21 31 00-0509	EA	24X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW24-2N)	5,433.76	295.11
28 21 31 00-0510	EA	35X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW35-2N)	6,161.72	295.11
28 21 31 00-0511		Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems *(28 21 31 00-0505)*		
28 21 31 00-0512	EA	16X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C16-2W)	4,592.30	295.11
28 21 31 00-0513	EA	22X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C22-2W)	5,711.19	295.11
28 21 31 00-0514	EA	24X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW24-2W)	5,480.76	295.11
28 21 31 00-0515	EA	35X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW35-2W)	6,213.31	295.11
28 21 31 00-0516		Esprit® Thermal, Pan/Tilt Camera Systems *(28 21 31 00-0412)*		
28 21 31 00-0517		Esprit® Thermal, Pan/Tilt Camera Systems *(28 21 31 00-0516)*		
28 21 31 00-0518		Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera Systems *(28 21 31 00-0517)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0519	EA	14.25 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3014TI-2N)	29,372.88	295.11
28 21 31 00-0520	EA	35 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3035TI-2N)	31,588.88	295.11
28 21 31 00-0521	EA	50 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3050TI-2N)	32,332.89	295.11
28 21 31 00-0522		**Wall Mount, Esprit® Thermal, Pan/Tilt Camera Systems** *(28 21 31 00-0517)*		
28 21 31 00-0523	EA	14.25 mm, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3014TI-2W)	29,421.03	295.11
28 21 31 00-0524	EA	35 mm, 30 Hertz, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3035TI-2W)	31,635.88	295.11
28 21 31 00-0525	EA	50 mm, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3050TI-2W)	32,379.89	295.11
28 21 31 00-0526		**Accessories For Esprit® Pan/Tilt Camera Systems** *(28 21 31 00-0412)*		
28 21 31 00-0527	EA	Wiper Blade Replacement For Esprit® Systems (Pelco ES-REPLBLADE)	12.63	3.28
28 21 31 00-0528	EA	Marine Mounting Kit For Esprit® Systems (Pelco ES-MKIT)	72.91	16.40
28 21 31 00-0529	EA	Indoor/Outdoor Wall Mount For Esprit® Systems (Pelco EWM)	114.18	16.40
28 21 31 00-0530	EA	Wall Mount For High Security Enclosures (Pelco HSWM12)	145.14	16.40
28 21 31 00-0531	EA	Ground Isolation Transformer (Pelco GIT100)	421.03	44.78
28 21 31 00-0532	EA	High Security, Indoor Wedge Style Enclosure (Pelco HS2100)	583.79	44.78
28 21 31 00-0533	EA	High Security, Indoor 10" Length Enclosure (Pelco HS3000)	504.72	44.78
28 21 31 00-0534	EA	High Security, Indoor Medium Corner Mount Enclosure (Pelco HS1500)	676.43	44.78
28 21 31 00-0535	EA	High Security, Ceiling Mount, Lexan Window, Aluminum Enclosure (Pelco HS8080)	390.08	44.78
28 21 31 00-0536	EA	High Security, Ceiling Mount, Lexan Window, Steel Enclosure (Pelco HS8134)	965.70	44.78
28 21 31 00-0537	EA	Bullet-Resistant, Outdoor Enclosure (Pelco HS4514)	1,583.48	44.78
28 21 31 00-0538	EA	Bullet-Resistant, Outdoor Enclosure With Mount (Pelco HS4514/MT)	1,882.69	44.78
28 21 31 00-0539	EA	24X, Color/Black And White, Esprit® Camera Module (Pelco ESIOPCBW24)	1,950.33	44.78
28 21 31 00-0540	EA	35X, Color/Black And White, Esprit® Camera Module (Pelco ESIOPCBW35)	2,056.94	44.78
28 21 31 00-0541	EA	24 Volt AC, Esprit® Pan Tilt Enclosure Receiver (Pelco ES3012-2)	2,454.31	44.79
28 21 31 00-0542	EA	24 Volt AC, Pedestal Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-2N)	2,483.33	44.78
28 21 31 00-0543	EA	24 Volt AC, Wall Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-2W)	2,511.19	44.78
28 21 31 00-0544	EA	30X, 24 Volt AC, DSS, Color High Resolution, Esprit® CLZ Pan/Tilt Camera System (Pelco ES3012-2CLZ30)	6,453.39	44.78
28 21 31 00-0545	EA	30X, 24 Volt AC, Preset Positioning, DSS, Color High Resolution, Esprit® CLZ Pan/Tilt Camera System (Pelco ES3012-2CLZ30P)	6,632.23	44.78
28 21 31 00-0546	EA	Esprit® Camera Pole Mount Adapter (Pelco EPM)	114.51	10.55
28 21 31 00-0547	EA	Pole Mount Adapter For Esprit® Systems (Pelco EPM)	114.51	10.55
28 21 31 00-0548		**Camera Lenses** *(28 21 31 00-0047)*		
28 21 31 00-0549		**Fixed Focus Camera Lenses** *(28 21 31 00-0548)*		
		Note: 1/3" format and manual focus.		
28 21 31 00-0550		**Manual Iris, Fixed Focus Camera Lenses** *(28 21 31 00-0549)*		
28 21 31 00-0551	EA	2.3 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA2.3)	185.37	15.38
28 21 31 00-0552	EA	2.8 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA2.8)	153.27	15.38
28 21 31 00-0553	EA	4 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA4)	137.22	15.38
28 21 31 00-0554	EA	8 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA8)	133.78	15.38
28 21 31 00-0555		**Direct Drive Auto Iris, Fixed Focus Camera Lenses** *(28 21 31 00-0549)*		
		Note: Includes spot filter. Excludes amplifier.		
28 21 31 00-0556	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD2.3)	232.37	15.38
28 21 31 00-0557	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD2.8)	185.37	15.38
28 21 31 00-0558	EA	4 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD4)	173.91	15.38
28 21 31 00-0559	EA	8 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD8)	123.47	15.38
28 21 31 00-0560		**Video Drive Auto Iris, Fixed Focus Camera Lenses** *(28 21 31 00-0549)*		
		Note: Includes LDC100 adapter to convert DC auto iris to video drive.		
28 21 31 00-0561	EA	2.3 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV2.3S)	274.79	15.38
28 21 31 00-0562	EA	2.8 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV2.8S)	226.64	15.38
28 21 31 00-0563	EA	4 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV4S)	215.18	15.38
28 21 31 00-0564	EA	8 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV8S)	206.01	15.38
28 21 31 00-0565		**Varifocal Camera Lenses** *(28 21 31 00-0548)*		
		Note: 1/3" format and manual focus and zoom.		
28 21 31 00-0566		**Manual Iris, Varifocal Camera Lenses** *(28 21 31 00-0565)*		
28 21 31 00-0567	EA	1.6-3.4 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA1-3)	243.57	15.38
28 21 31 00-0568	EA	2.5-6 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA2.5-6)	217.47	15.38
28 21 31 00-0569	EA	2.8-12 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA2.8-12)	168.18	15.38
28 21 31 00-0570	EA	3-8 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA3-8)	147.54	15.38
28 21 31 00-0571	EA	5.5-82.5 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5.5-82.5)	389.43	15.38
28 21 31 00-0572	EA	5-40 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5-40)	189.94	15.38
28 21 31 00-0573	EA	5-50 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5-50)	202.13	15.38
28 21 31 00-0574		**Direct Drive Auto Iris, Varifocal Camera Lenses** *(28 21 31 00-0565)*		
		Note: Includes spot filter.		
28 21 31 00-0575	EA	1.6-3.4 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD1-3)	239.51	15.38
28 21 31 00-0576	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD2.5-6)	211.88	15.38
28 21 31 00-0577	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD2.8-12)	163.13	15.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0578	EA	3-8 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD3-8)	122.50	15.38
28 21 31 00-0579	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5.5-82.5)	424.97	15.38
28 21 31 00-0580	EA	5-50 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5-50)	237.07	15.38
28 21 31 00-0581		**Video Drive Auto Iris, Varifocal Camera Lenses** *(28 21 31 00-0565)*		
		Note: Includes spot filter.		
28 21 31 00-0582	EA	1.6-3.4 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV1-3S)	372.23	15.38
28 21 31 00-0583	EA	2.5-6 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV2.5-6S)	329.82	15.38
28 21 31 00-0584	EA	3-8 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV3-8S)	196.84	15.38
28 21 31 00-0585	EA	5-50 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV5-50S)	367.65	15.38
28 21 31 00-0586		**Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lenses** *(28 21 31 00-0565)*		
28 21 31 00-0587	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VDIR3-8.5)	141.19	15.38
28 21 31 00-0588	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VDIR7.5-50)	210.26	15.38
28 21 31 00-0589		**Motorized Zoom Camera Lenses** *(28 21 31 00-0548)*		
		Note: 1/3" format.		
28 21 31 00-0590		**Manual Iris, Motorized Zoom Camera Lenses** *(28 21 31 00-0589)*		
28 21 31 00-0591	EA	8X Zoom, 6-48 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X8)	678.32	15.38
28 21 31 00-0592	EA	10X Zoom, 6-60 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X10)	847.99	15.38
28 21 31 00-0593	EA	15X Zoom, 6-90 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X15)	904.16	15.38
28 21 31 00-0594		**Direct Drive Auto Iris, Motorized Zoom Camera Lenses** *(28 21 31 00-0589)*		
		Note: Includes spot filter.		
28 21 31 00-0595	EA	6X Zoom, 6-48 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X8)	552.35	15.38
28 21 31 00-0596	EA	10X Zoom, 6-60 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X10)	637.66	15.38
28 21 31 00-0597	EA	15X Zoom, 6-90 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X15)	999.32	15.38
28 21 31 00-0598	EA	20X Zoom, 5.6-112 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD5.6X20)	1,091.07	15.38
28 21 31 00-0599	EA	30X Zoom, 5.5-165 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD5.5X30)	2,161.22	15.38
28 21 31 00-0600		**Video Drive Auto Iris, Motorized Zoom Camera Lenses** *(28 21 31 00-0589)*		
		Note: Includes spot filter.		
28 21 31 00-0601	EA	8X Zoom, 6-48 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X8S)	695.52	15.38
28 21 31 00-0602	EA	10X Zoom, 6-60 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X10S)	828.50	15.38
28 21 31 00-0603	EA	15X Zoom, 6-90 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X15S)	1,041.73	15.38
28 21 31 00-0604	EA	20X Zoom, 5.6-112 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV5.6X20S)	1,517.49	15.38
28 21 31 00-0605	EA	30X Zoom, 5.5-165 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV5.5X30S)	2,472.44	15.38
28 21 31 00-0606		**Camera Power Supplies** *(28 21 31 00-0047)*		
28 21 31 00-0607	EA	20 VA, 24 Volt AC, Camera Power Transformer (Pelco TF2000)	46.87	13.12
28 21 31 00-0608	EA	50 VA, 24 Volt AC, Camera Power Transformer (Pelco TF9000)	81.26	13.12
28 21 31 00-0609	EA	2 Amperes, 4 Outputs, Camera Power Supply (Pelco MCS4-2)	316.55	26.23
28 21 31 00-0610	EA	5 Amperes, 8 Outputs, Camera Power Supply (Pelco MCS8-5)	367.16	39.35
28 21 31 00-0611	EA	10 Amperes, 16 Outputs, Camera Power Supply (Pelco MCS16-10)	415.32	52.47
		For Switchable Outputs, Add	*186.24*	
28 21 31 00-0612	EA	20 Amperes, 16 Outputs, Camera Power Supply (Pelco MCS16-20)	465.93	65.58
		For Switchable Outputs, Add	*200.86*	
28 21 31 00-0613		**Camera Illuminators** *(28 21 31 00-0047)*		
28 21 31 00-0614		**Camera Illuminators** *(28 21 31 00-0613)*		
		Note: Includes lamp and mounting bracket.		
28 21 31 00-0615	EA	Narrow Spot Lamp, Low Light Level Camera Illuminator (Pelco LL27MF)	1,808.75	26.23
28 21 31 00-0616	EA	Infrared Narrow Spot Lamp, Low Light Level Camera Illuminator (Pelco LL27NS)	1,808.75	26.23
28 21 31 00-0617	EA	Flood Lamp, Low Light Level Camera Illuminator (Pelco LL27WF)	1,808.75	26.23
28 21 31 00-0618		**Camera Illuminator Accessories** *(28 21 31 00-0613)*		
28 21 31 00-0619	EA	Removal And Replacement Of Lamp For Low Light Level Camera Illuminator (Pelco PAR56)	149.91	26.23
28 21 31 00-0620		**Camera Receivers** *(28 21 31 00-0047)*		
28 21 31 00-0621	EA	24 Volt AC, Coaxitron® Outdoor Camera Receiver With Preset Positioning (Pelco CX9024RX-PP)	1,753.15	44.78
28 21 31 00-0622	EA	120 Volt AC, Coaxitron® Outdoor Camera Receiver With Preset Positioning (Pelco CX9115RX-PP)	1,753.15	44.78
28 21 31 00-0623		**Pan And Tilt Drives** *(28 21 31 00-0047)*		
28 21 31 00-0624	EA	15 Lb. Load, 24 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT270-24P)	1,243.40	98.37
28 21 31 00-0625	EA	40 Lb. Load, 24/120 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT570-24P)	1,578.15	98.37
		For Preset Positioning, Add	*165.00*	
28 21 31 00-0626	EA	100 Lb. Load, 120 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT1250P)	3,334.44	98.37
		For Preset Positioning, Add	*165.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0627	EA	100 Lb. Load, 120 Volt DC, Outdoor Pan And Tilt Drive (Pelco PT1250DC)	3,810.19	98.37
		For Preset Positioning, Add	*165.00*	
28 21 31 00-0628	EA	100 Lb. Load, 120 Volt DC, 360 Degree Outdoor Pan And Tilt Drive (Pelco PT1280SL)	4,408.61	98.37
		For Preset Positioning, Add	*165.00*	
28 21 31 00-0629	EA	100 Lb. Load, 120 Volt DC, Explosion Proof Outdoor Pan And Tilt Drive (Pelco PT1260EX)	5,681.12	98.37
		For Preset Positioning, Add	*165.00*	
28 21 31 00-0630		**Scanners** *(28 21 31 00-0047)*		
28 21 31 00-0631	EA	35 Lb. Load, 24 Volt AC, Indoor/Outdoor Scanner (Pelco PS20-24)	1,418.80	98.37
		For Wall Mount, Add	*39.05*	
		For Pressure Sensor Alarm, Add	*51.15*	
28 21 31 00-0632	EA	35 Lb. Load, 120 Volt AC, Indoor/Outdoor Scanner (Pelco PS20)	1,491.03	98.37
		For Wall Mount, Add	*39.05*	
		For Pressure Sensor Alarm, Add	*51.15*	
28 21 31 00-0633		**Camera Monitors** *(28 21 31 00-0046)*		
28 21 31 00-0634		**Camera Monitors** *(28 21 31 00-0633)*		
28 21 31 00-0635		**Monochrome Camera Monitors** *(28 21 31 00-0634)*		
28 21 31 00-0636	EA	9" Monochrome Camera Monitor (Pelco PMM9A)	276.65	19.67
28 21 31 00-0637	EA	12" Monochrome Camera Monitor (Pelco PMM12A)	316.78	19.67
28 21 31 00-0638	EA	15" Monochrome Camera Monitor (Pelco PMM15A)	486.45	19.67
28 21 31 00-0639	EA	20" Monochrome Camera Monitor (Pelco PMM20A)	783.36	19.67
28 21 31 00-0640		**Color Camera Monitors** *(28 21 31 00-0634)*		
28 21 31 00-0641	EA	9", High Resolution Color, Camera Monitor (Pelco PMC9A)	884.25	19.67
28 21 31 00-0642	EA	15", High Resolution Color, Camera Monitor (Pelco PMCS15A)	716.87	19.67
28 21 31 00-0643	EA	17", High Resolution Color, Camera Monitor (Pelco PMCS17A)	1,042.45	19.67
28 21 31 00-0644	EA	19", High Resolution Color, Camera Monitor (Pelco PMCS19A)	1,386.37	19.67
28 21 31 00-0645		**LCD Camera Monitors** *(28 21 31 00-0633)*		
28 21 31 00-0646		**VGA Signal, Color LCD Camera Monitors (Pelco 200 Series)** *(28 21 31 00-0645)*		
		Note: Displays VGA computer signals.		
28 21 31 00-0647	EA	17", VGA Signal, High Resolution Color, LCD Camera Monitor (Pelco PMCL217)	1,000.03	19.67
28 21 31 00-0648	EA	19", VGA Signal, High Resolution Color, LCD Camera Monitor (Pelco PMCL219)	1,302.68	19.67
28 21 31 00-0649		**Multimode, Color LCD Camera Monitors (Pelco 300 Series)** *(28 21 31 00-0645)*		
		Note: Displays VGA computer signals and/or composite video signals.		
28 21 31 00-0650	EA	15", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL315)	1,137.60	19.67
28 21 31 00-0651	EA	17", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL317)	1,362.30	19.67
28 21 31 00-0652	EA	19", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL319)	1,676.41	19.67
28 21 31 00-0653		**Multimode With PIP, Color LCD Camera Monitors (Pelco 400 Series)** *(28 21 31 00-0645)*		
		Note: Displays VGA computer signals and/or composite video signals. Includes picture in picture option.		
28 21 31 00-0654	EA	15", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL415)	1,460.89	19.67
28 21 31 00-0655	EA	17", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL417)	1,694.75	19.67
28 21 31 00-0656	EA	19", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL419)	2,126.94	19.67
28 21 31 00-0657		**Camera Monitor Mounting Accessories** *(28 21 31 00-0633)*		
28 21 31 00-0658		**Camera Monitor Mounts** *(28 21 31 00-0657)*		
28 21 31 00-0659	EA	Up To 14", Camera Monitor Mount (Pelco)	339.07	26.23
28 21 31 00-0660	EA	>14" To 17", Camera Monitor Mount (Pelco)	395.24	26.23
28 21 31 00-0661	EA	>17" To 21", Camera Monitor Mount (Pelco)	464.03	26.23
28 21 31 00-0662		**Camera Monitor Rack Mount Kits** *(28 21 31 00-0657)*		
28 21 31 00-0663	EA	Camera Monitor Rack Mount Kit (Pelco PMCL-RM)	204.94	26.23
28 21 31 00-0664		**Video Transmission Equipment** *(28 21 31 00-0046)*		
28 21 31 00-0665		**UTP Cable, Video Transmission Equipment** *(28 21 31 00-0664)*		
28 21 31 00-0666		**UTP Cable, Active Video Receivers** *(28 21 31 00-0665)*		
28 21 31 00-0667	EA	Single Channel, UTP Cable, Active Video Receiver (Pelco TW3001AR)	426.70	32.79
28 21 31 00-0668	EA	Four Channel, UTP Cable, Active Video Receiver (Pelco TW3004AR)	1,473.36	32.79
28 21 31 00-0669	EA	Eight Channel, 4 Outputs, UTP Cable, Active Video Receiver (Pelco TW3008AR-4-US)	2,900.63	32.79
28 21 31 00-0670	EA	Sixteen Channel, UTP Cable, Active Video Receiver (Pelco TW3016AR1-US)	4,765.82	32.79
28 21 31 00-0671	EA	Sixteen Channel, 2 Outputs, UTP Cable, Active Video Receiver (Pelco TW3016AR-2-US)	5,564.86	32.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0672		**UTP Cable, Passive Video Transceivers** *(28 21 31 00-0665)*		
28 21 31 00-0673	EA	Single Channel, UTP Cable, Passive Video Transceiver (Pelco TW3001P)	124.05	32.79
28 21 31 00-0674	EA	Four Channel, UTP Cable, Passive Video Transceiver (Pelco TW3004P)	426.70	32.79
28 21 31 00-0675	EA	Eight Channel, UTP Cable, Passive Video Transceiver (Pelco TW3008P)	788.96	32.79
28 21 31 00-0676	EA	Sixteen Channel, UTP Cable, Passive Video Transceiver (Pelco TW3016P)	1,502.02	32.79
28 21 31 00-0677	EA	Thirty Two Channel, UTP Cable, Passive Video Transceiver (Pelco TW3032P)	2,939.60	32.79
28 21 31 00-0678		**UTP Cable, Active Video Transmitters** *(28 21 31 00-0665)*		
28 21 31 00-0679	EA	Single Channel, UTP Cable, Active Video Transmitter (Pelco TW3001AT)	446.18	32.79
28 21 31 00-0680		**Fiber Optics, Video Transmission Equipment** *(28 21 31 00-0664)*		
28 21 31 00-0681		**Data Only, Fiber Optics Transmission Equipment** *(28 21 31 00-0680)*		
28 21 31 00-0682		**Bidirectional Data, Fiber Optics Transmitters** *(28 21 31 00-0681)*		
28 21 31 00-0683	EA	Single-Channel, Single Mode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8101AS)	2,593.63	65.58
28 21 31 00-0684	EA	Single-Channel, Multimode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8101AM)	1,059.74	65.58
28 21 31 00-0685	EA	Four-Channel, Single Mode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8104S)	1,895.47	65.58
28 21 31 00-0686	EA	Four-Channel, Multimode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8104M)	1,307.37	65.58
28 21 31 00-0687		**Bidirectional Data, Fiber Optics Receivers** *(28 21 31 00-0681)*		
28 21 31 00-0688	EA	Single-Channel, Single Mode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8101AS)	2,593.63	65.58
28 21 31 00-0689	EA	Single-Channel, Multimode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8101AM)	1,059.74	65.58
28 21 31 00-0690	EA	Four-Channel, Single Mode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8104S)	1,895.47	65.58
28 21 31 00-0691	EA	Four-Channel, Multimode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8104M)	1,307.37	65.58
28 21 31 00-0692		**Video Only, Fiber Optics Transmission Equipment** *(28 21 31 00-0680)*		
28 21 31 00-0693		**Digitally Encoded Video, Fiber Optics Transmitters** *(28 21 31 00-0692)*		
28 21 31 00-0694	EA	Single-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8301AS)	1,151.46	65.58
28 21 31 00-0695	EA	Single-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8301AM)	502.59	65.58
28 21 31 00-0696	EA	Four-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8304S)	3,190.90	65.58
28 21 31 00-0697	EA	Four-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8304M)	1,918.40	65.58
28 21 31 00-0698	EA	Eight-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8308S)	5,226.91	65.58
28 21 31 00-0699	EA	Eight-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8308M)	4,346.47	65.58
28 21 31 00-0700	EA	Sixteen-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8316S)	12,976.57	65.58
28 21 31 00-0701	EA	Sixteen-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8316M)	11,549.30	65.58
28 21 31 00-0702		**Digitally Encoded Video, Fiber Optics Receivers** *(28 21 31 00-0692)*		
28 21 31 00-0703	EA	Single-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8301AS)	1,151.46	65.58
28 21 31 00-0704	EA	Single-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8301AM)	502.59	65.58
28 21 31 00-0705	EA	Two-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8302AS)	1,965.40	65.58
28 21 31 00-0706	EA	Two-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8302AM)	797.22	65.58
28 21 31 00-0707	EA	Four-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8304S)	3,190.90	65.58
28 21 31 00-0708	EA	Four-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8304M)	1,918.40	65.58
28 21 31 00-0709	EA	Eight-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8308S)	5,226.91	65.58
28 21 31 00-0710	EA	Eight-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8308M)	4,346.47	65.58
28 21 31 00-0711	EA	Sixteen-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8316S)	12,976.57	65.58
28 21 31 00-0712	EA	Sixteen-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8316M)	11,549.30	65.58
28 21 31 00-0713		**Video And Data, Fiber Optics Transmission Equipment** *(28 21 31 00-0680)*		
28 21 31 00-0714		**Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitters** *(28 21 31 00-0713)*		
28 21 31 00-0715	EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85011AS)	1,984.89	65.58
28 21 31 00-0716	EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85011AM)	1,183.56	65.58
28 21 31 00-0717	EA	Four-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85041S)	4,620.46	65.58
28 21 31 00-0718	EA	Four-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85041M)	4,000.26	65.58
28 21 31 00-0719	EA	Eight-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85081S)	7,478.44	65.58
28 21 31 00-0720	EA	Eight-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85081M)	5,421.80	65.58
28 21 31 00-0721		**Digitally Encoded Video With Bidirectional Data, Fiber Optics Receivers** *(28 21 31 00-0713)*		
28 21 31 00-0722	EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85011AS)	1,984.89	65.58
28 21 31 00-0723	EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85011AM)	1,183.56	65.58
28 21 31 00-0724	EA	Four-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85041S)	4,620.46	65.58

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28 21 31 00-0725	EA	Four-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85041M)	4,000.26	65.58
28 21 31 00-0726	EA	Eight-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85081S)	7,478.44	65.58
28 21 31 00-0727	EA	Eight-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85081M)	5,421.80	65.58
28 21 31 00-0728		**Video, Audio And Data, Fiber Optics Transmission Equipment** *(28 21 31 00-0680)*		
28 21 31 00-0729		**Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitters** *(28 21 31 00-0728)*		
28 21 31 00-0730	EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitter (Pelco FT86011S)	2,556.94	65.58
28 21 31 00-0731	EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitter (Pelco FT86011M)	2,034.18	65.58
28 21 31 00-0732		**Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receivers** *(28 21 31 00-0728)*		
28 21 31 00-0733	EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receiver (Pelco FR86011S)	2,556.94	65.58
28 21 31 00-0734	EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receiver (Pelco FR86011M)	2,034.18	65.58
28 21 31 00-0735		**Video Amplifiers** *(28 21 31 00-0664)*		
28 21 31 00-0736		**Video Distribution Amplifiers** *(28 21 31 00-0735)*		
28 21 31 00-0737	EA	1 Input, 4 Outputs, Video Distribution Amplifier (Pelco DA104DT)	315.95	16.40
28 21 31 00-0738	EA	16 Channel, Master, Video Distribution Amplifier (Pelco CM9760-MDA) Note: Inserts time-date and title on up to 16 video inputs.	2,567.48	16.40
28 21 31 00-0739		**Video Equalizing Amplifiers** *(28 21 31 00-0735)*		
28 21 31 00-0740	EA	Video Equalizing Amplifier (Pelco EA2010)	343.46	16.40
28 21 31 00-0741	EA	Half-Duplex, Video Equalizing Amplifier (Pelco EA2000)	539.50	16.40
28 21 31 00-0742		**Network Video Equipment** *(28 21 31 00-0046)*		
28 21 31 00-0743		**Video Encoders/Decoders** *(28 21 31 00-0742)*		
28 21 31 00-0744	EA	MPEG4 IP Video Receiver (Pelco NET300R)	1,272.97	32.79
28 21 31 00-0745	EA	MPEG4 IP Video Transmitter (Pelco NET300T)	1,272.97	32.79
28 21 31 00-0746	EA	MPEG4 IP Video Receiver With Audio (Pelco NET350R)	1,465.57	32.79
28 21 31 00-0747	EA	MPEG4 IP Video Transmitter With Audio And Local Storage (Pelco NET350T)	1,465.57	32.79
28 21 31 00-0748		**Network Video Recorders** *(28 21 31 00-0742)*		
28 21 31 00-0749	EA	16 Device Or 100MBPS, Network Video Recorder (Pelco NVR316)	8,071.13	65.58
28 21 31 00-0750	EA	32 Device Or 100MBPS, Network Video Recorder (Pelco NVR332)	9,392.93	65.58
28 21 31 00-0751	EA	64 Device Or 100MBPS, Network Video Recorder (Pelco NVR364)	12,038.82	65.58
28 21 31 00-0752	EA	64 Device Or 100MBPS, PelcoNet Network Video Recorder (Pelco NVR300)	7,971.39	65.58
28 21 31 00-0753		**Network Video Recorder Software** *(28 21 31 00-0742)*		
28 21 31 00-0754	EA	10 User, License Pack (Pelco VMX300-LIC-10)	797.89	
28 21 31 00-0755	EA	20 User, License Pack (Pelco VMX300-LIC-20)	1,438.73	
28 21 31 00-0756	EA	50 User, License Pack (Pelco VMX300-LIC-50)	3,195.02	
28 21 31 00-0757	EA	100 User, License Pack (Pelco VMX300-LIC-100)	5,588.70	
28 21 31 00-0758	EA	10 User, Enterprise License Pack (Pelco VMX300-E-LIC10)	1,332.12	
28 21 31 00-0759	EA	20 User, Enterprise License Pack (Pelco VMX300-E-LIC20)	2,395.98	
28 21 31 00-0760	EA	50 User, Enterprise License Pack (Pelco VMX300-E-LIC50)	5,325.03	
28 21 31 00-0761	EA	100 User, Enterprise License Pack (Pelco VMX300-E-LIC100)	9,316.79	
28 21 31 00-0762	EA	200 User, Enterprise License Pack (Pelco VMX300-E-LIC200)	15,970.50	
28 21 31 00-0763	EA	500 User, Enterprise License Pack (Pelco VMX300-E-LIC500)	33,270.82	
28 21 31 00-0764	EA	0 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-0)	7,183.34	
28 21 31 00-0765	EA	1 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-1)	7,627.00	
28 21 31 00-0766	EA	4 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-4)	12,064.71	
28 21 31 00-0767	EA	0 Analog Inputs, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-0)	7,982.38	
28 21 31 00-0768	EA	1 Analog Input, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-1)	8,426.04	
28 21 31 00-0769	EA	4 Analog Inputs, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-4)	12,861.46	
28 21 31 00-0770	EA	0 Analog Inputs, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-0)	7,716.42	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0771	EA	1 Analog Input, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-1)	8,161.22	
28 21 31 00-0772	EA	4 Analog Inputs, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-4)	12,597.79	
28 21 31 00-0773	EA	0 Analog Inputs, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-0)	9,046.24	
28 21 31 00-0774	EA	1 Analog Input, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-1)	9,489.90	
28 21 31 00-0775	EA	4 Analog Inputs, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-4)	13,927.61	
28 21 31 00-0776		**Video Recording Equipment** *(28 21 31 00-0046)*		
28 21 31 00-0777		**Digital Video Recorders** *(28 21 31 00-0776)*		
28 21 31 00-0778	EA	8 Channel, 1TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-1000A)	12,639.53	65.58
28 21 31 00-0779	EA	8 Channel, 2 TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-2000A)	17,332.89	65.58
28 21 31 00-0780	EA	8 Channel, 3 TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-3000A)	22,027.40	65.58
28 21 31 00-0781	EA	16 Channel, 1 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-1000A)	15,217.78	65.58
28 21 31 00-0782	EA	16 Channel, 2 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-2000A)	19,911.15	65.58
28 21 31 00-0783	EA	16 Channel, 3 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-3000A)	24,605.65	65.58
28 21 31 00-0784	EA	24 Channel, 1 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-1000A)	16,635.88	65.58
28 21 31 00-0785	EA	24 Channel, 2 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-2000A)	21,329.24	65.58
28 21 31 00-0786	EA	24 Channel, 3 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-3000A)	26,023.75	65.58
28 21 31 00-0787	EA	32 Channel, 1 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-1000A)	19,214.13	65.58
28 21 31 00-0788	EA	32 Channel, 2 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-2000A)	23,907.50	65.58
28 21 31 00-0789	EA	32 Channel, 3 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-3000A)	28,602.00	65.58
28 21 31 00-0790	EA	16 Channel, 30 IPS, Digital Video Recorder (Pelco DX9116F-1500)	13,952.50	65.58
28 21 31 00-0791		**Digital Video Recorder Accessories** *(28 21 31 00-0776)*		
28 21 31 00-0792	EA	16 Channel, Multiplexed Analog Output Display Card (Pelco DX8000-MUX16)	1,231.70	32.79
28 21 31 00-0793		**Matrix Systems And Controls** *(28 21 31 00-0046)*		
28 21 31 00-0794		**Video Multiplexers** *(28 21 31 00-0793)*		
28 21 31 00-0795		**Monochrome Duplex, Video Multiplexers** *(28 21 31 00-0794)*		
28 21 31 00-0796	EA	9 Channel, Monochrome Duplex, Video Multiplexer (Pelco MX4009MD)	2,325.37	65.58
28 21 31 00-0797	EA	16 Channel, Monochrome Duplex, Video Multiplexer (Pelco MX4016MD)	2,198.12	65.58
28 21 31 00-0798		**Color Duplex, Video Multiplexers** *(28 21 31 00-0794)*		
28 21 31 00-0799	EA	4 Channel, Color Duplex, Video Multiplexer (Pelco MX4004CD)	1,572.18	65.58
28 21 31 00-0800	EA	9 Channel, Color Duplex, Video Multiplexer (Pelco MX4009CD)	2,994.87	65.58
28 21 31 00-0801	EA	16 Channel, Color Duplex, Video Multiplexer (Pelco MX4016CD)	3,245.93	65.58
28 21 31 00-0802		**Color Simplex, Video Multiplexers** *(28 21 31 00-0794)*		
28 21 31 00-0803	EA	9 Channel, Monochrome Simplex, Video Multiplexer (Pelco MX4009CS)	2,517.96	65.58
28 21 31 00-0804	EA	16 Channel, Monochrome Simplex, Video Multiplexer (Pelco MX4016CS)	2,939.84	65.58
28 21 31 00-0805		**Video Multiplexer Accessories** *(28 21 31 00-0794)*		
28 21 31 00-0806	EA	Pushbutton/Joystick Desktop Controls For PTZ, Fixed/Variable-Speed, Multiplexer Controller (Pelco KBD4000)	1,389.74	44.78
28 21 31 00-0807	EA	Pushbutton Desktop Controls For PTZ, Fixed/Variable-Speed, Multiplexer Controller (Pelco KBD4002)	818.83	44.78
28 21 31 00-0808	EA	Video Multiplexer Server (Pelco MX4000SVR)	2,325.37	65.58
28 21 31 00-0809		**Quad Video Processor** *(28 21 31 00-0793)*		
28 21 31 00-0810	EA	Monochrome, Quad Video Processor (Pelco QD104M)	720.17	32.79
28 21 31 00-0811	EA	Color, Quad Video Processor (Pelco QD104C)	1,178.73	32.79
28 21 31 00-0812		**Switcher** *(28 21 31 00-0793)*		
28 21 31 00-0813		**Terminating Manual Switchers** *(28 21 31 00-0812)*		
28 21 31 00-0814		**Terminating Manual Switchers** *(28 21 31 00-0813)*		
28 21 31 00-0815	EA	4 Inputs, Terminating Manual Switcher (Pelco MS504DT)	250.80	26.23
28 21 31 00-0816	EA	8 Inputs, Terminating Manual Switcher (Pelco MS508DT)	340.22	26.23
28 21 31 00-0817	EA	12 Inputs, Terminating Manual Switcher (Pelco MS512DT)	413.59	26.23
28 21 31 00-0818	EA	18 Inputs, Terminating Manual Switcher (Pelco MS518DT)	676.11	26.23
28 21 31 00-0819		**Audio Follow, Terminating Manual Switchers** *(28 21 31 00-0813)*		
28 21 31 00-0820	EA	4 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS504AF)	324.17	26.23
28 21 31 00-0821	EA	8 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS508AF)	570.64	26.23
28 21 31 00-0822	EA	18 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS518AF)	995.96	26.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0823		**Balanced Audio Follow, Terminating Manual Switchers** *(28 21 31 00-0813)*		
28 21 31 00-0824	EA	4 Inputs, Balanced Audio Follow, Terminating Manual Switcher (Pelco MS504BAF)	433.07	26.23
28 21 31 00-0825	EA	8 Inputs, Balanced Audio Follow, Terminating Manual Switcher (Pelco MS508BAF)	793.04	26.23
28 21 31 00-0826		**Looping Manual Switchers** *(28 21 31 00-0812)*		
28 21 31 00-0827		**Looping Manual Switchers** *(28 21 31 00-0826)*		
28 21 31 00-0828	EA	4 Inputs, Looping Manual Switcher (Pelco MS504LDT)	280.60	26.23
28 21 31 00-0829	EA	8 Inputs, Looping Manual Switcher (Pelco MS508LDT)	384.93	26.23
28 21 31 00-0830	EA	12 Inputs, Looping Manual Switcher (Pelco MS512LDT)	490.39	26.23
28 21 31 00-0831	EA	18 Inputs, Looping Manual Switcher (Pelco MS518LDT)	807.95	26.23
28 21 31 00-0832		**Audio Follow, Looping Manual Switchers** *(28 21 31 00-0826)*		
28 21 31 00-0833	EA	4 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS504AFL)	349.39	26.23
28 21 31 00-0834	EA	8 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS508AFL)	609.62	26.23
28 21 31 00-0835	EA	12 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS512AFL)	836.61	26.23
28 21 31 00-0836		**Balanced Audio Follow, Looping Manual Switchers** *(28 21 31 00-0826)*		
28 21 31 00-0837	EA	4 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS504BAFL)	464.03	26.23
28 21 31 00-0838	EA	8 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS508BAFL)	840.05	26.23
28 21 31 00-0839	EA	12 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS512BAFL)	1,056.72	26.23
28 21 31 00-0840		**Sequential Switchers** *(28 21 31 00-0812)*		
28 21 31 00-0841		**Single Output, Sequential Switchers** *(28 21 31 00-0840)*		
28 21 31 00-0842	EA	4 Inputs, Single Output, Sequential Desktop Switcher (Pelco VA6104)	491.54	26.23
28 21 31 00-0843	EA	8 Inputs, Single Output, Sequential Desktop Switcher (Pelco VA6108)	732.29	26.23
28 21 31 00-0844		**Dual Outputs, Sequential Switchers** *(28 21 31 00-0840)*		
28 21 31 00-0845	EA	4 Inputs, Dual Outputs, Sequential Desktop Switcher (Pelco VA6204)	614.21	26.23
28 21 31 00-0846	EA	8 Inputs, Dual Outputs, Sequential Desktop Switcher (Pelco VA6208)	850.36	26.23
28 21 31 00-0847		**Controls** *(28 21 31 00-0793)*		
28 21 31 00-0848		**Direct/Multi-Cable Controls** *(28 21 31 00-0847)*		
28 21 31 00-0849	EA	Scanner Control Module (Pelco MPS524DT)	424.64	65.58
28 21 31 00-0850	EA	120 Volt AC Pan/Tilt Control Module (Pelco MPT115DT)	453.30	65.58
28 21 31 00-0851	EA	24 Volt AC Pan/Tilt Control Module (Pelco MPT24DT)	502.59	65.58
28 21 31 00-0852	EA	Motorized Zoom Lens Control Module (Pelco MLZ6DT)	525.52	65.58
28 21 31 00-0853	EA	120 Volt AC Pan/Tilt, Scanner And Lens Control Module (Pelco MPTAZ115DT)	828.17	65.58
28 21 31 00-0854	EA	24 Volt AC Pan/Tilt, Scanner And Lens Control Module (Pelco MPTAZ24DT)	911.86	65.58
28 21 31 00-0855		**Coaxitron Controls** *(28 21 31 00-0847)*		
28 21 31 00-0856	EA	Desktop Keyboard, Fixed Speed Coaxitron Controller And Transmitter (Pelco KBD9000)	605.60	44.78
28 21 31 00-0857	EA	8 Position Joystick Pan/Tilt Controls, Switch Camera Lens Controls, Desktop Coaxitron Controller And Transmitter (Pelco MPT9000)	1,145.56	44.78
28 21 31 00-0858	EA	Integral Switcher, 8 Position Joystick Pan/Tilt Controls, Switch Camera Lens Controls, Desktop Coaxitron Controller And Transmitter (Pelco MPT9008)	1,300.32	44.78
28 21 31 00-0859		**Digital Controls** *(28 21 31 00-0847)*		
28 21 31 00-0860	EA	Pushbutton Desktop Controls For Pan/Tilt/Zoom, Fixed/Variable-Speed, Digital Controller (Pelco KBD200A)	813.10	44.78
28 21 31 00-0861	EA	Pushbutton/Joystick Desktop Controls For Pan/Tilt/Zoom, Fixed/Variable-Speed, Digital Controller (Pelco KBD300A)	1,378.27	44.78
28 21 31 00-0862		**Lock Boxes** *(28 21 31 00-0793)*		
28 21 31 00-0863	EA	VCR Lock Box (Pelco LB1000)	498.46	49.18
		For Wall Mount, Add	*165.00*	
28 21 31 00-0864	EA	Computer Disk Drive Lock Box (Pelco LB2000)	509.93	49.18
28 21 31 00-0865	EA	VCR And Multiplexer Lock Box (Pelco LB3000) Note: Includes storage for 32 VCR tapes.	934.10	49.18
28 21 31 00-0866		**Closed Circuit Television Cameras And Accessories** *(28 21 31)*		
28 21 31 00-0867	EA	Camera (Hikvision DS-2CD2143G0-I 2.8 DM IP 67 4MP2.8MM WDR POE/12)	393.62	65.48
28 21 31 00-0868	EA	Camera (Hikvision DS-2CD6986F-H OUTDOOR DARKFIGHTER 8MP 180 Degree Multi-Imager (4X2MP) WDR)	1,805.84	117.86
28 21 31 00-0869	EA	Network Video Recorder (ExacqVision IP04-30T-R2A IP 2U) Note: Includes recorder with 4 IP cameras licenses. ExacqVision Professional, 30 TB, client, web/mobile software pre-installed with 3 years software upgrades and hardware warranty. Win10 or Ubuntu Linux 16.04 on SSD. HDMI, DVI-D, DisplayPort (2 max simultaneous), Dual GB NICs. Keyboard and mouse included. ***** 30 TB version *** **** 30 days recording, based on 5 MP cameras, 24/7 - 10 fps	12,538.80	32.74
28 21 31 00-0870	EA	License (ExacqVision EXQ-EVIP-01 Exacq NVR)	312.71	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0871	EA	POE Switch UniFi Switch PoE+ 24 (Ubiquiti US-24-250W)	1,091.01	32.74
28 21 31 00-0872	EA	Transmitter/Receiver Antenna (Ubiquiti AF-5XHD)	1,258.34	65.48

28 21 31 00-0873 Test And Certification Of Surveillance Camera System *(28 21 31)*

28 21 31 00-0874	DAY	Test And Certification Of Surveillance Camera System To Tie Into Existing Systems	1,041.54	
28 21 31 00-0875	HR	Test And Certification Of Surveillance Camera System	325.48	

28 21 31 00-0876 Programming Of Surveillance Camera System *(28 21 31)*

28 21 31 00-0877	HR	Programming Of Surveillance Camera (CCTV) System	260.38	

28 21 31 00-0878 Removal And Reinstallation Of Cameras *(28 21 31)*

Note: Includes storage, cleaning and supply materials.

28 21 31 00-0879	EA	Removal And Reinstallation Of Camera System	590.22	

28 40 Life Safety *(28)*

Note: Includes testing of new devices and certification.

28 41 Radiation Detection and Alarm *(28 40)*

28 41 15 Radiation Detection Sensors *(28 41)*

28 41 15 00-0001 Wall Mount, Battery Operated, Home Radon Detector *(28 41 15)*

Note: Long term and 7 day average display.

28 41 15 00-0002	EA	Wall Mount, Battery Operated, Home Radon Detector	221.69	

28 42 Gas Detection and Alarm *(28 40)*

28 42 11 Gas Detection and Alarm Control, GUI, and Logic Systems *(28 42)*

28 42 11 00-0001 Monitoring System For Underground Tanks *(28 42 11)*

28 42 11 00-0002 Continuous Leak Detection System *(28 42 11 00-0001)*

Note: Includes calibration, electronic control module and probes. Excludes sample wells, electrical power supply and sensor cable.

28 42 11 00-0003	EA	Single Channel Underground Tank Monitoring System	8,567.37	536.94
28 42 11 00-0004	EA	2 Channel Underground Tank Monitoring System	11,557.94	716.36
28 42 11 00-0005	EA	3 Channel Underground Tank Monitoring System	16,311.45	767.43
28 42 11 00-0006	EA	4 Channel Underground Tank Monitoring System	17,539.10	1,073.88
28 42 11 00-0007	EA	Control Panel, 1-8 Tanks, Single Wall Tank Monitoring System	12,211.43	91.67
28 42 11 00-0008	EA	Control Panel, 1-4 Tanks, Double Wall Tank Monitoring System	11,012.09	81.85
28 42 11 00-0009	EA	Control Panel, 1-8 Tanks, Double Wall Tank Monitoring System	14,477.84	91.67
28 42 11 00-0010	EA	Tank Leak Detection Probe	4,480.08	19.64
28 42 11 00-0011	EA	Secondary Containment Collar Probe	547.82	7.86
28 42 11 00-0012	EA	Interstitial Leak Detection Probe	1,004.46	16.37
28 42 11 00-0013	EA	Liquid Phase Detection	3,314.01	49.11
28 42 11 00-0014	EA	Hydrocarbon Vapor, Fixed	3,059.62	49.11
28 42 11 00-0015	EA	Hydrocarbon Vapor, Float Mounted	3,574.61	55.65
28 42 11 00-0016	EA	Liquid And Vapor Hydrocarbon	4,083.39	55.65

28 42 15 Gas Detection Sensors *(28 42)*

28 42 15 00-0001 Hydrogen Gas Detection *(28 42 15)*

28 42 15 00-0002	EA	Hydrogen Gas Detector Sensor, 1% Fan Relay, 2% Alarm (SBS HGDI-DR)	2,129.39	49.18
28 42 15 00-0003	EA	Hydrogen Gas Detector Junction Box (SBS HGDI-JB)	112.22	16.40
28 42 15 00-0004	EA	Remote Display With 25' Cable For Hydrogen Gas Detector (SBS HGDI-REM)	540.88	49.18

28 43 Fuel Oil Detection and Alarm *(28 40)*

See CSI section 28 42 00 00-0000 for detection and alarms.

28 46 Fire Detection and Alarm *(28 40)*

28 46 13 Fire-Alarm Systems *(28 46)*

28 46 13 31 Proprietary Supervising-Station Fire-Alarm Systems *(28 46 13)*

Note: Includes programming of equipment, testing and certification of new devices.

28 46 13 31-0001 Edwards Fire Alarm *(28 46 13 31)*

28 46 13 31-0002 EST3 Life Safety And Security Control *(28 46 13 31-0001)*

28 46 13 31-0003 EST3 Network *(28 46 13 31-0002)*

28 46 13 31-0004 Remote Annunciators *(28 46 13 31-0003)*

28 46 13 31-0005	EA	Remote LCD Command Module Annunciator (EST3 3-LCDANN) Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.	1,719.57	98.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0006	EA	Six Position Base Annunciator (EST3 3-6ANN) Note: Includes door, CPU card, two annunciator support modules and five blank filler plates. Space provided for up to four Control/Display Modules and one 3-LCD Liquid Crystal Display Module.	1,401.00	98.37
28 46 13 31-0007	EA	Ten Position Base Annunciator (EST3 3-10ANN) Note: Includes door, CPU card, two annunciator support modules and nine blank filler plates. Space provided for up to eight Control/Display Modules and one 3-LCD Liquid Crystal Display Module.	1,772.47	98.37
28 46 13 31-0008	EA	Annunciator CPU (EST3 3-ANNCPU3) Note: One Required per graphic annunciator.	1,129.08	98.37
28 46 13 31-0009	EA	Annunciator Support Module (EST3 3-ANNSM) Note: Takes one space in Annunciator box. Supports one Control/Display module.	207.46	32.79
28 46 13 31-0010	EA	Liquid Crystal Display Module (EST3 3-LCD) Note: Mounts over 3-CPU(1).	725.23	98.37
28 46 13 31-0011	EA	Liquid Crystal Display Module (EST3 3-LCDXL) Note: Mounts over 3-ANNCPU plus two spaces.	859.13	98.37
28 46 13 31-0012	EA	LED/SWITCH Driver Module Assembly For Third Part Graphics (EST3 3-EVDVRA) Note: Assembled version of 3-EVDVR, comes packaged with cables, mounting hardware installation instructions used for third party graphics. Mounts in 3-EVDVRX.	818.35	98.37
28 46 13 31-0013	EA	Power Supply Assembly With 19" Rail Mounting Chassis Assembly (EST3 3-EVPWRA) Note: Assembled version of 3-EVPWR, comes packaged with cables, mounting hardware and mounting plate for 3-ANNCPU1. Used for third party graphics.	954.76	65.58
28 46 13 31-0014	EA	Plastic Mounting Extrusion 19" Mounting (EST3 3-EVDVRX) Note: Mounts up to three 3-EVDVRA modules.	144.22	32.79
28 46 13 31-0015	EA	Central Processor Unit Module (EST3 3-CPU3) Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.	2,036.78	98.37
28 46 13 31-0016	EA	120 Volt AC, 50/60 Hertz, Primary Power Supply With Local Rail Module (EST3 3-CPU3) Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.	1,798.54	32.79
28 46 13 31-0017		**Remote Annunciators Cabinets** *(28 46 13 31-0003)*		
28 46 13 31-0018	EA	Remote LCD Command Module Flush Mount LCD Wallbox (EST3 RLCM/B)	155.53	32.79
28 46 13 31-0019	EA	Remote LCD Command Module Surface Mount LCD Wallbox (EST3 RLCM/B-S)	142.42	26.23
28 46 13 31-0020	EA	Six Position LED/LCD Flush Wallbox (EST3 6ANN/B)	175.49	32.79
28 46 13 31-0021	EA	Six Position LED/LCD Surface Wallbox (EST3 6ANN/B-S)	162.38	26.23
28 46 13 31-0022	EA	Ten Position LED/LCD Flush Wallbox (EST3 10ANN/B)	194.21	32.79
28 46 13 31-0023	EA	Ten Position LED/LCD Surface Wallbox (EST3 10ANN/B-S)	181.10	26.23
28 46 13 31-0024		**Audio And Telephone Masters** *(28 46 13 31-0003)*		
28 46 13 31-0025	EA	Audio Source Unit With Local Microphone And Firefighters' Telephone (EST3 3-ASU/FT)	5,607.68	131.16
28 46 13 31-0026	EA	Audio Source Unit With Local Microphone (Provides Four Local Rail Spaces) (EST3 3-ASU/4)	3,121.54	131.16
28 46 13 31-0027	EA	Audio Source Unit With Local Microphone And Inner Door Filler Plate (EST3 3-ASU)	2,435.70	131.16
28 46 13 31-0028	EA	Fire Fighters Telephone Control Unit With Inner Door Filler Plate (EST3 3-FTCU)	2,950.60	131.16
28 46 13 31-0029	EA	Audio Source Unit Memory Expansion, 100 Minutes (EST3 3-ASUMX/100)	3,370.07	131.16
28 46 13 31-0030	EA	Zoned Amplifier, 95 Watt, Class B. 95 Watt Selectable For 25 Or 70 Vrms Class B Output. Mounts In 2 LRM Spaces (EST3 3-ZA95)	2,417.83	65.58
28 46 13 31-0031		**Battery Distribution Unit** *(28 46 13 31-0003)*		
28 46 13 31-0032	EA	Battery Distribution Unit (EST3 3-BTSEN)	616.61	485.46
28 46 13 31-0033		**Remote Booster Power Supply** *(28 46 13 31-0003)*		
28 46 13 31-0034	EA	6.5 Amperes, 120 Volt AC, Booster Power Supply (EST3 BPS6A)	973.77	98.37
28 46 13 31-0035	EA	10 Amperes, 110 Volt AC Booster Power Supply (EST3 BPS10)	1,112.02	98.37
28 46 13 31-0036	EA	10 Amperes, 220 Volt AC Booster Power Supply (EST3 BPS10220)	1,213.90	98.37
28 46 13 31-0037	EA	Tamper Switch - For CAB7, 14 And 21 Series Cabinets (EST3 3-TAMP)	158.87	32.79
28 46 13 31-0038		**Batteries And Battery Cabinets** *(28 46 13 31-0003)*		
28 46 13 31-0039	EA	1.2 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V1A2 1.2 Ampere Hours)	120.91	32.79
28 46 13 31-0040	EA	4 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V4A 4.5 Ampere Hours)	150.94	32.79
28 46 13 31-0041	EA	24 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V24A 26 Ampere Hours)	358.16	32.79
28 46 13 31-0042	EA	6.5 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V6A5 7.2 Ampere Hours)	162.97	32.79
28 46 13 31-0043	EA	40 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V40A 40 Ampere Hours)	454.35	32.79
28 46 13 31-0044	EA	10 Amperes Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V10A 11 Ampere Hours)	255.22	32.79
28 46 13 31-0045	EA	50 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V50A 50 Ampere Hours)	923.03	32.79
28 46 13 31-0046	EA	17 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V17A 18 Ampere Hours)	261.42	32.79
28 46 13 31-0047	EA	65 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V65A 65 Amp Hours)	1,111.48	32.79
28 46 13 31-0048	EA	8 Ampere Hours, 6 Volt DC, Sealed Lead Acid Battery (EST3 6V8A 8 Amp Hours)	145.09	32.79
28 46 13 31-0049	EA	10 Ampere Hours, 6 Volt DC, Sealed Lead Acid Battery (EST3 6V10A 12 Amp Hours)	130.08	32.79
28 46 13 31-0050	EA	14" x 18-1/4" x 7-1/4" Free Standing Battery Cabinet With Key Lock (EST3 BC-1) Note: Supports up to 40 Ah batteries will hold up to two 12V24A batteries.	466.24	65.58
28 46 13 31-0051	EA	22" x 15" x 3-3/4" Grey Battery Cabinet (EST3 BC-2) Note: Holds up to two 12V17A batteries.	385.35	65.58
28 46 13 31-0052	EA	Remote Closet Enclosure (EST3 3-RCC7R)	1,319.07	131.16
28 46 13 31-0053	EA	Remote Closet Enclosure (EST3 3-RCC14R)	1,637.54	131.16
28 46 13 31-0054	EA	Remote Closet Enclosure (EST3 3-RCC21R)	2,297.94	131.16
28 46 13 31-0055		**Serial Printer** *(28 46 13 31-0003)*		
28 46 13 31-0056	EA	System Printer - Desk Top Style (EST3 PT-1S)	1,264.18	32.79

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0057		**Intelligent Analog Initiating Devices** *(28 46 13 31-0002)*		
28 46 13 31-0058		**Detectors, Signature** *(28 46 13 31-0057)*		
28 46 13 31-0059	EA	Intelligent 4D Multisensor Detector For Ionization, Photoelectric, And Heat (EST3 SIGA-IPHS)	279.53	49.18
28 46 13 31-0060	EA	Black, Intelligent 4D Multisensor Detector For Ionization, Photoelectric, And Heat (EST3 SIGA-IPHSB)	314.49	49.18
28 46 13 31-0061	EA	Intelligent Multisensor Detector - Photoelectric, Heat (Edwards SIGA-PHD)	215.49	49.18
28 46 13 31-0062	EA	Intelligent Photoelectric Smoke Detector, Duct Mounted (Edwards SIGA-PD)	193.41	49.18
28 46 13 31-0063	EA	Intelligent Ionization Smoke Detector (EST3 SIGA-IS)	248.28	49.18
28 46 13 31-0064	EA	Intelligent Fixed Temperature / Rate-of-Rise Heat Detector - 135F, 15F Per Minute (Edwards SIGA-HRD)	170.37	49.18
28 46 13 31-0065	EA	Intelligent Fixed Temperature Heat Detector - 135 Degree F (Edwards SIGA-HFD)	170.37	49.18
28 46 13 31-0066	EA	Passive Infrared Motion Detector (EST3 SIGA-MD)	323.79	49.18
28 46 13 31-0067	EA	Passive Infrared Motion Detector With Swivel Mount For Single Gang Boxes (EST3 SIGA-MDS)	357.92	49.18
28 46 13 31-0068	EA	Intelligent Photoelectric Smoke Detector (EST3 SIGA2-PS)	301.44	49.18
28 46 13 31-0069	EA	Intelligent Combination Photo Electric And CO Sensor (EST3 SIGA2-PCOS)	436.90	49.18
28 46 13 31-0070	EA	135 Degree Fahrenheit, Intelligent Fixed Temperature Heat Detector (EST3 SIGA2-HFS)	250.89	49.18
28 46 13 31-0071	EA	135 Degrees Fahrenheit, 15 Degrees Fahrenheit Per Minute, Intelligent Fixed Temperature/Rate-of-Rise Heat Detector (EST3 SIGA2-HRS)	250.89	49.18
28 46 13 31-0072	EA	Photoelectric, Heat, Intelligent 3D Multisensor Detector (EST3 SIGA2-PHS)	346.96	49.18
28 46 13 31-0073		**Detectors, Duct Housings and Accessories, Signature** *(28 46 13 31-0057)*		
28 46 13 31-0074	EA	Superduct, Signature Duct Smoke Detector (EST3 SIGA-SD)	566.44	81.97
28 46 13 31-0075	EA	Superduct, Test Magnet Kit (EST3 SD-MAG)	24.21	
28 46 13 31-0076	EA	Superduct, 120" Air Sample Tube (EST3 SD-T120)	74.02	19.67
28 46 13 31-0077	EA	Superduct, Remote Test Station, Keyed, 2-Wire And SIGA (EST3 SD-TRK)	147.70	26.23
28 46 13 31-0078	EA	Duct Smoke Detector Test Station, 2-Gang Plastic Plate With Key Switch, 2 Keys, Use With Duct Detector Only (EST3 SIGA-DTS)	200.57	26.23
28 46 13 31-0079	EA	High Temp Heat Detector, 194 Degree F, Combination Rate-Of-Rise And Fixed Temperature (EST3 282B-PL)	87.37	26.23
28 46 13 31-0080		**Modules, Signature** *(28 46 13 31-0057)*		
28 46 13 31-0081	EA	Universal Class A/B Module - UIO Mount (EST3 SIGA-MAB)	264.12	32.79
28 46 13 31-0082	EA	Class B Single Input Module (One Gang Standard Mount) (EST3 SIGA-CT1)	138.54	32.79
28 46 13 31-0083	EA	Class B Dual Input Module (One Gang Standard Mount) (EST3 SIGA-CT2)	189.42	32.79
28 46 13 31-0084	EA	Class B Dual Input UIO (Plug In) Module (EST3 SIGA-MCT2)	236.25	32.79
28 46 13 31-0085	EA	Single Input (Riser) Module, Features A Built-In Ring Tone Generator, Use For Switching A Single Signal Or Audio Circuit (EST3 SIGA-CC1)	208.62	32.79
28 46 13 31-0086	EA	Dual Input (Riser) Module, Use For Switching (Selecting) Either Of Two Signal Or Audio Input Circuits To One Signal Output Circuit (EST3 SIGA-CC2)	219.18	32.79
28 46 13 31-0087	EA	Control Relay Module (One Gang Standard Mount) (EST3 SIGA-CR) Note: Select for either N.O. or N.C. operation. Rated at 2 amperes (24 Volt DC).	165.42	32.79
28 46 13 31-0088	EA	Control Relay UIO (Plug In) Module (EST3 SIGA-MCR)	205.07	32.79
28 46 13 31-0089	EA	Single Input (Riser) Module With Strobe Synchronization Output (EST3 SIGA-CC1S)	274.71	32.79
28 46 13 31-0090	EA	Universal Input/Output Module - Input With Programmable Output (EST3 SIGA-IO)	267.72	32.79
28 46 13 31-0091	EA	Input/Output Module - UIO Mount, Multifunction Module With Input And Program (EST3 SIGA-MIO)	257.30	32.79
28 46 13 31-0092	EA	Waterflow/Tamper Module (One Gang Standard Mount) (EST3 SIGA-WTM)	235.70	202.91
28 46 13 31-0093	EA	Monitor Module (One Gang Standard Mount) (EST3 SIGA-MM1) Note: Factory programmed for non-latching monitor operation.	171.87	32.79
28 46 13 31-0094	EA	Single Input (Riser) Module, With Synchronization Output (EST3 SIGA-MCC1S)	275.85	32.79
28 46 13 31-0095		**Module Accessories, Signature** *(28 46 13 31-0057)* Note: Universal I/O motherboards are required for UIO plug-in modules. Module mounting plates can be used to mount multiple 1 and 2-gang modules.		
28 46 13 31-0096	EA	Module Mounting Bracket - For 4" Square Box, Mounting Kit Allows Installing 2 Single Gang Signature Modules Into A Single 4" Square Box (EST3 SIGA-MB4)	67.78	16.40
28 46 13 31-0097	EA	Universal Input/Output Module Motherboard - 6 Position, Use For M Series Modules (EST3 SIGA-UIO6)	232.87	32.79
28 46 13 31-0098	EA	Transient Protector - For Bell And Horn Circuits, Provides Transient Protection To -CC1, -MCC1, -CC2, -MCC2, -UM And -MAB Modules (EST3 235196P)	24.88	9.83
28 46 13 31-0099	EA	Signature Module Mounting Plate, 1 Footprint, Space For Up To Four 2-Gang Signature Modules Or Eight 1-Gang Signature Modules (EST3 SIGA-MP1)	79.83	16.40
28 46 13 31-0100	EA	Signature Module Mounting Plate, 1/2 Footprint, Space For Up To Two 2-Gang Signature Modules Or Four 1-Gang Signature Modules (EST3 SIGA-MP2)	71.18	16.40
28 46 13 31-0101	EA	Signature Module Mounting Plate, 1/2 Extended Footprint, Space For Up To Three 2-Gang Signature Modules Or Six 1-Gang Signature Modules (EST3 SIGA-MP2L)	74.60	16.40
28 46 13 31-0102		**Single Action Pull Stations, Signature** *(28 46 13 31-0057)*		
28 46 13 31-0103	EA	One Stage Fire Alarm Station, English Markings (EST3 SIGA-270)	288.04	68.20
28 46 13 31-0104	EA	Two Stage (Pre Signal) Fire Alarm Station, English Markings (EST3 SIGA-270P)	340.29	68.20
28 46 13 31-0105	EA	GA Key - For Pre Signal Station (EST3 276-K2)	39.65	33.08
28 46 13 31-0106	EA	20 Glass Rods For SIGA-270 Series Stations (EST3 270-GLR)	49.72	43.15
28 46 13 31-0107	EA	Surface Mount Box, Red - For SIGA-270 Series (EST3 276B-RSB)	75.04	48.80
28 46 13 31-0108		**Double Action Pull Stations, Signature** *(28 46 13 31-0057)*		
28 46 13 31-0109	EA	Double Action (One Stage) Fire Alarm Station, English Markings (EST3 SIGA-278)	245.40	68.20
28 46 13 31-0110	EA	12 Glass Rods For SIGA-278 Series (EST3 276-GLR)	50.47	6.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0111		**Detector Bases and Accessories, Signature** *(28 46 13 31-0057)* Note: For raised floor and plenum applications. Order detector mounting base and detector separately. Compatible with -PS, and -PHS detectors and -SB, -RB and -IB bases.		
28 46 13 31-0112	EA	Audible (Sounder) Base (EST3 SIGA-AB4G)	145.08	16.40
28 46 13 31-0113	EA	Surface Box - For Sounder Base, Use With -AB4G Models Only (EST3 AB4G-SB)	53.79	16.40
28 46 13 31-0114	EA	Audible (Sounder) Base, Mounts To 4" Square, 2-1/8" Deep Box (EST3 SIGA-AB4)	181.34	16.40
28 46 13 31-0115	EA	Detector (Smoke) Guard, Covers Detectors Mounted To Flush Boxes, Compatible With -IPHS And -PS Signature Detectors (EST3 SIGA-DG)	102.60	16.40
28 46 13 31-0116	EA	Detector (Smoke) Guard Surface Box - For SIGA-DG (EST3 SIGA-DGSB)	120.01	16.40
28 46 13 31-0117	EA	Detector Mounting Plate (EST3 SIGA-DMP) Note: For raised floor and plenum applications. Order detector mounting base and detector separately. Compatible with -PS, -PHS and -IPHS detectors and -SB, -RB and -IB bases. SIGA-IPHS 4D detector is limited to operation in air velocities less than 500 feet per minute.	189.67	16.40
28 46 13 31-0118	EA	Remote Alarm LED, Use With -SB And -SB4 Standard Base Only (EST3 SIGA-LED)	67.78	16.40
28 46 13 31-0119	EA	Trim Skirt/Ring - For Octagon Box (EST3 SIGA-TS)	25.03	9.83
28 46 13 31-0120	EA	Trim Skirt/Ring - For 4" Square Box, Use To Hide Imperfections Around Electric Boxes Not Completely Hidden By Standard Bases, With All 4" Bases (EST3 SIGA-TS4)	25.03	9.83
28 46 13 31-0121	EA	Detector (Smoke) Guard Mounting Flange, Provides Secure Mounting While Offering Easy Guard Removal, With Tamper Hardware (EST3 SIGA-DGMF)	72.07	9.83
28 46 13 31-0122	EA	Detector Base With Isolator (EST3 SIGA-IB)	118.25	16.40
28 46 13 31-0123	EA	Detector Base With Isolator - For 4" Square Box, With TS4 Skirt (EST3 SIGA-IB4)	125.71	16.40
28 46 13 31-0124	EA	Detector Base With Form 'C' Relay (EST3 SIGA-RB)	82.71	16.40
28 46 13 31-0125	EA	Detector Base With Form 'C' Relay - For 4" Square Box, With TS4 Skirt (EST3 SIGA-RB4)	105.23	16.40
28 46 13 31-0126	EA	Detector Base - Standard, For 4" Square Box, With TS4 Skirt (EST3 SIGA-SB4)	49.11	16.40
28 46 13 31-0127		**Controllers, Signature** *(28 46 13 31-0057)*		
28 46 13 31-0128	EA	Signature Dual Driver Controller (EST3 3-SDDC1)	4,021.49	98.37
28 46 13 31-0129	EA	Single Signature Loop Controller (EST3 3-SSDC1)	2,304.47	98.37
28 46 13 31-0130	EA	Signature Loop Controller (EST3 3-SDC1)	2,070.10	98.37
28 46 13 31-0131	EA	Analog Addressable Loop Controller (EST3 3-AADC1)	3,319.01	98.37
28 46 13 31-0132		**Relays And Accessories** *(28 46 13 31-0057)*		
28 46 13 31-0133	EA	Multi Voltage Relay (EST3 MR101)	213.01	32.79
28 46 13 31-0134	EA	Single SPDT Auxiliary Relay With LED Track Mounting (EST3 MR101/T)	63.34	16.40
28 46 13 31-0135		**Notification Appliances** *(28 46 13 31-0002)*		
28 46 13 31-0136		**Wall Strobes, Horns And Chimes** *(28 46 13 31-0135)*		
28 46 13 31-0137	EA	Strobe (15, 30, 75, Or 110 cd Output), White (EST3 G1-VM)	172.84	49.18
28 46 13 31-0138	EA	Strobe (15, 30, 75, Or 110 cd Output), Red (EST3 G1R-VM)	172.84	49.18
28 46 13 31-0139	EA	Horn-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), White (EST3 G1-HDVM)	197.09	49.18
28 46 13 31-0140	EA	Temporal Horn (Selectable High Or Low dB Output), White (EST3 G1-HD)	145.51	49.18
28 46 13 31-0141	EA	Temporal Horn (Selectable High Or Low dB Output), Red (EST3 G1R-HD)	145.51	49.18
28 46 13 31-0142	EA	Temporal Horn, Hi/Lo dB Output, 24 Volt DC, White, With The Word "FIRE" On Housing (EST3 G1F-HD)	145.51	49.18
28 46 13 31-0143	EA	Temporal Horn, Hi/Lo dB Output, 24 Volt DC, Red, With The Word "FIRE" On Housing (EST3 G1RF-HD)	145.51	49.18
28 46 13 31-0144	EA	Horn (Steady Tone), 24 Volt DC, White, Not Compatible With Signal Master (EST3 G1-P)	122.55	49.18
28 46 13 31-0145	EA	Horn (Steady Tone) - 24 Volt DC, Red, Not Compatible With Signal Master (EST3 G1R-P)	122.55	49.18
28 46 13 31-0146	EA	Horn (Steady Tone), 24 Volt DC, Red, With The Word "FIRE" On Housing, Not Compatible With Signal Master (EST3 G1RF-P)	122.55	49.18
28 46 13 31-0147	EA	Genesis Chime-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), White (EST3 G1-CVM)	296.09	49.18
28 46 13 31-0148	EA	Genesis Chime-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), Red (EST3 G1R-CVM)	296.09	49.18
28 46 13 31-0149	EA	Genesis Chime (Selectable High Or Low dB Output), White (EST3 G1-C)	194.14	49.18
28 46 13 31-0150	EA	Genesis Chime (Selectable High Or Low dB Output), Red (EST3 G1R-C)	194.14	49.18
28 46 13 31-0151	EA	Wall Strobe, 15/75 cd, White, With The Word "FIRE" On Housing (EST3 G1F-V1575)	172.84	49.18
28 46 13 31-0152	EA	Multi-cd Strobe, 24 Volt DC, White, With The Word "FIRE" On Housing (EST3 G1F-VM)	172.84	49.18
28 46 13 31-0153	EA	Multi-Candela Strobe, 24 Volt DC, Red, With The Word "FIRE" On Housing (EST3 G1RF-VM)	172.84	49.18
28 46 13 31-0154	EA	Wall Strobe, 15/75 cd, Red, With The Word "FIRE" On Housing (EST3 G1RF-V1575)	172.84	49.18
28 46 13 31-0155	EA	Genesis Ceiling Strobe, 15-95 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST3 GCF-VM)	179.66	49.18
28 46 13 31-0156	EA	Genesis Ceiling Strobe, 15-95 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST3 GCFR-VM)	179.66	49.18
28 46 13 31-0157	EA	Genesis Ceiling Strobe, 95-177 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST GCF-VMH)	195.61	49.18
28 46 13 31-0158	EA	Genesis Ceiling Strobe, 15-95 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-VM)	179.66	49.18
28 46 13 31-0159	EA	Genesis Ceiling Strobe, 95-177 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-VMH)	179.66	49.18
28 46 13 31-0160	EA	Genesis Trim Plate (For Two-Gang Or 4" Square Boxes) With "FIRE" Markings, White (EST3 G1T-FIRE)	107.62	49.18
28 46 13 31-0161	EA	Genesis Trim Plate (For Two-Gang Or 4" Square Boxes) With "FIRE" Markings, Red (EST3 G1RT-FIRE)	107.62	49.18
28 46 13 31-0162		**Wall Speakers And Speaker Strobes** *(28 46 13 31-0135)*		
28 46 13 31-0163	EA	Multi-Wattage 25 VRMS Speaker (EST3 G4-S2)	143.45	49.18
28 46 13 31-0164	EA	Multi-Candela/Wattage 25 VRMS Speaker-Strobe (EST3 G4-S2VM)	220.38	49.18
28 46 13 31-0165	EA	Multi-Wattage 70 VRMS Speaker (EST3 G4-S7)	143.45	49.18
28 46 13 31-0166	EA	Multi-Candela/Wattage 70 VRMS Speaker-Strobe (EST3 G4-S7VM)	220.38	49.18
28 46 13 31-0167	EA	Surface Box, White, For Genesis Speaker (EST3 G4B)	71.22	26.23
28 46 13 31-0168	EA	Surface Box, Red, For Genesis Speaker (EST3 G4RB)	71.22	26.23
28 46 13 31-0169		**Ceiling Speakers And Speaker Strobes** *(28 46 13 31-0135)*		
28 46 13 31-0170	EA	Genesis Ceiling Speaker, 70 VRMS, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7)	171.35	49.18
28 46 13 31-0171	EA	Genesis Ceiling Speaker/Strobe, 70 VRMS, 15-95 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7VM)	220.38	49.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0172	EA	Genesis Ceiling Speaker/Strobe, 70 VRMS, 95-177 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7VMH)	235.91	49.18
28 46 13 31-0173		**Harsh Environment Signals** *(28 46 13 31-0135)*		
28 46 13 31-0174	EA	Temporal Horn, Self-Synchronized, 24 Volt DC (EST3 757-1A-T)	152.26	49.18
28 46 13 31-0175	EA	15/75 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-7A-T)	213.49	49.18
28 46 13 31-0176	EA	110 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-8A-T)	213.49	49.18
28 46 13 31-0177	EA	15 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-5A-T)	195.28	49.18
28 46 13 31-0178	EA	15/75 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-7A-T)	183.18	49.18
28 46 13 31-0179	EA	30 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-3A-T)	195.28	49.18
28 46 13 31-0180	EA	60 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-6A-T)	195.28	49.18
28 46 13 31-0181	EA	110 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-8A-T)	195.28	49.18
28 46 13 31-0182	EA	15/75 Candela Synchronized, 24 Volt DC, Red, Outdoor Listed, Strobe (EST3 CS405-7A-T)	215.92	55.74
28 46 13 31-0183	EA	110 Candela Synchronized, 24 Volt DC, Red, Outdoor Listed, Strobe (EST3 CS405-8A-T)	215.92	55.74
28 46 13 31-0184	EA	15 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-5A-T)	159.64	49.18
28 46 13 31-0185	EA	30 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-3A-T)	207.68	49.18
28 46 13 31-0186		**Fire Alarm Bells** *(28 46 13 31-0135)*		
28 46 13 31-0187	EA	10" Single Stroke Fire Alarm Bells, 24 Volt DC (EST3 323D-10AW)	230.47	49.18
28 46 13 31-0188	EA	6" Vibrating Fire Alarm Bells, 24 Volt DC (EST3 439D-6AW)	184.74	49.18
28 46 13 31-0189	EA	10" Vibrating Fire Alarm Bells, 24 Volt DC (EST3 439D-10AW)	204.26	49.18
28 46 13 31-0190		**Multiple Tone Signal** *(28 46 13 31-0135)*		
28 46 13 31-0191	EA	27 Tone Selectable Signal, 24 Volt DC (EST3 5530MD-24AW)	1,470.50	1,421.31
28 46 13 31-0192		**Multi-Purpose Loudspeaker** *(28 46 13 31-0135)*		
28 46 13 31-0193	EA	15 Watt Loudspeaker, Gray (EST3 HPSA15G2570)	303.41	49.18
28 46 13 31-0194	EA	15 Watt Loudspeaker, Red (EST3 HPSA15R2570)	303.41	49.18
28 46 13 31-0195		**Bell/Strobe Plate** *(28 46 13 31-0135)*		
28 46 13 31-0196	EA	Bell/Strobe Plate - 15cd (EST3 403-5A-R)	153.53	26.23
28 46 13 31-0197		**Mounting Accessories** *(28 46 13 31-0135)*		
28 46 13 31-0198	EA	Surface Mount Box - Indoor, Red, 1-Gang (EST3 27193-11)	72.63	26.23
28 46 13 31-0199	EA	One Gang Surface Mount Box, Red, No Bottom KO (EST3 27193-11-NY)	72.63	26.23
28 46 13 31-0200	EA	Surface Mount Box - Indoor, White, 1-Gang (EST3 27193-16)	72.63	26.23
28 46 13 31-0201	EA	Surface Mount Box - Indoor, Red, 2-Gang (EST3 27193-21)	72.63	26.23
28 46 13 31-0202	EA	Surface Mount Box - Indoor, White, 2-Gang (EST3 27193-26)	72.63	26.23
28 46 13 31-0203		**Firefighters' Telephones** *(28 46 13 31-0135)*		
28 46 13 31-0204	EA	Remote Telephone Warden Station - Flush, Red, 5' Armored Cable, Hinged Door With Magnetic Latch, 4-State (EST3 6830-NY-F4)	1,318.12	81.97
28 46 13 31-0205	EA	Four State Remote Telephone Warden Station - Surface, Armored Cord (EST3 6830-NY-S4)	741.05	81.97
28 46 13 31-0206	EA	Remote Telephone Warden Station - Flush, Armored Cord (EST3 6830-NY-F)	533.23	81.97
28 46 13 31-0207	EA	Telephone Handset Assembly - Red c/w 60" Coiled Cord (EST3 6830-1)	388.36	81.97
28 46 13 31-0208	EA	Remote Telephone Handset Station - 4-State, Red, 5' Coiled Cord (EST3 6830-4)	715.18	81.97
28 46 13 31-0209	EA	Three State Telephone Handset Assembly - Red, 60" Coiled Cord, Push To Talk Button (EST3 6830-5A)	440.06	81.97
28 46 13 31-0210	EA	Remote Telephone Handset Station - 4-State, Red, 'Push To Talk' Button, 5' Coiled Cord (EST3 6830-5A-4)	806.76	81.97
28 46 13 31-0211	EA	Three State Telephone Handset Assembly - Red, 60" Armored Cord, Push To Talk Button (EST3 6830-6A)	457.30	81.97
28 46 13 31-0212	EA	Remote Telephone Handset Station - 4-State, Red, 'Push To Talk' Button, 5' Armored Cable (EST3 6830-6A-4)	924.04	81.97
28 46 13 31-0213	EA	Portable Handset Receptacle, 1 Gang Stainless Steel Faceplate (EST3 6833-1)	100.83	26.23
28 46 13 31-0214	EA	Portable Telephone Receptacle - 1-Gang, SS, 4-State (EST3 6833-4)	115.83	26.23
28 46 13 31-0215	EA	Portable Telephone Handset - Black, Coiled Cord (EST3 6830-3)	162.36	
28 46 13 31-0216	EA	Portable Telephone Handset - Red, Coiled Cord (EST3 6700-0061)	162.36	
28 46 13 31-0217	EA	Frontplate - Flush Mount, Red Finish, Break Glass Type, With Two Keys (EST3 6831-1)	245.62	32.79
28 46 13 31-0218	EA	Frontplate - Flush Mount, Red Finish, Non-Break Glass Type With Two Keys (EST3 6831-2)	305.34	32.79
28 46 13 31-0219	EA	Frontplate - Surface Mount, Red Finish, Break Glass Type, With Two Keys (EST3 6831-3)	215.76	32.79
28 46 13 31-0220	EA	Frontplate - Surface Mount, Red Finish, Non-Break Glass Type, With Two Keys (EST3 6831-4)	206.98	32.79
28 46 13 31-0221	EA	Wallbox - Flush Or Surface Mount, Red Finish, 14" x 8-1/2" x 3-1/2" (EST3 6832-1)	152.93	49.18
28 46 13 31-0222	EA	Portable Handset Storage Cabinet, Surface Mount, With Keylock, Red Finish (EST3 TCS-6)	1,360.72	65.58
28 46 13 31-0223		**Mass Notification EC Appliances** *(28 46 13 31-0135)*		
28 46 13 31-0224	EA	G1 Wall, Strobe, White Housing, Alert Markings, Amber Lens (EST3 G1WA-VMA)	179.71	49.18
28 46 13 31-0225	EA	G1 Wall, Strobe, White Housing, Alert Markings, Clear Lens (EST3 G1WA-VMC)	173.51	49.18
28 46 13 31-0226	EA	G1 Wall, Strobe, White Housing, No Markings, Amber Lens (EST3 G1WN-VMA)	179.71	49.18
28 46 13 31-0227	EA	G1 Wall, Strobe, White Housing, No Markings, Clear Lens (EST3 G1WN-VMC)	173.51	49.18
28 46 13 31-0228	EA	G1 Wall, White Trim Ring, Alert Marking (EST3 G1WT-ALERT)	27.08	9.83
28 46 13 31-0229		**Hazardous Location Devices** *(28 46 13 31-0002)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0230		**Detectors, Rate Compensation Heat, For Explosion/Weather/Moisture Proof And Ordinary Location** *(28 46 13 31-0229)*		
28 46 13 31-0231	EA	Heat Detector, Rate Compensation, Interior Vertical Surface Mount FM And UL, 135 Degree F (EST3 302-135)	154.66	49.18
28 46 13 31-0232	EA	Heat Detector, Rate Compensation, Interior Vertical Surface Mount FM And UL, 194 Degree F (EST3 302-194)	154.66	49.18
28 46 13 31-0233	EA	Heat Detector - Rate Compensation, All-Weather Vertical Mounting, FM And UL, 135 Degree F (EST3 302-AW-135)	160.73	49.18
28 46 13 31-0234	EA	Heat Detector - Rate Compensation, All-Weather Vertical Mounting, FM And UL, 194 Degree F (EST3 302-AW-194)	160.73	49.18
28 46 13 31-0235	EA	Heat Detector, Rate Compensation, Explosion Proof Mounting, Interior Vertical Surface Mount FM And UL, 135 Degree F, Requires JALX-11 Or Equal (EST3 302-EPM-135)	216.79	49.18
28 46 13 31-0236	EA	Heat Detector, Rate Compensation, Explosion Proof Mounting, Interior Vertical Surface Mount FM And UL, 194 Degree F, Requires JALX-11 Or Equal (EST3 302-EPM-194)	216.79	49.18
28 46 13 31-0237	EA	Heat Detector, Rate Compensation, All-Weather Vertical, Box Mount (1/2" NPT), FM And UL, 135 Degree F, Requires STONCO27 Or Equal (EST3 302-ET-135)	160.73	49.18
28 46 13 31-0238	EA	Heat Detector, Rate Compensation, All-Weather Vertical, Box Mount (1/2" NPT), FM And UL, 194 Degree F, Requires STONCO27 Or Equal (EST3 302-ET-194)	160.73	49.18
28 46 13 31-0239		**Hazardous Locations Fire Alarm Station** *(28 46 13 31-0229)*		
28 46 13 31-0240	EA	Hazardous Location Fire Alarm Station (EST3 XAL53)	1,396.36	81.97
28 46 13 31-0241	EA	Explosion Proof, Weatherproof, Fire Alarm Station, Single Action, Cat 45 Key Reset, Terminal Connections, DPDT (EST3 MPSR1-D45WX-GE)	1,329.40	81.97
28 46 13 31-0242		**Hazardous Location Strobes** *(28 46 13 31-0229)*		
28 46 13 31-0243	EA	Explosion Proof Strobe (EST3 116DEXSTC-FJ)	2,074.23	49.18
28 46 13 31-0244	EA	Wall Bracket Mounting Elbow (EST3 116EX-B)	387.24	16.40
28 46 13 31-0245	EA	Ceiling / Wall Mounting Module (EST3 116EX-C)	506.59	19.67
28 46 13 31-0246	EA	Pendant Mounting Module (EST3 116EX-P)	371.83	19.67
28 46 13 31-0247		**Hazardous Location Bells** *(28 46 13 31-0229)*		
28 46 13 31-0248	EA	6" Hazardous Location Bells, 24 Volt DC (EST3 439DEX-6AW)	1,497.03	49.18
28 46 13 31-0249	EA	8" Hazardous Location Bells, 24 Volt DC (EST3 439DEX-8AW)	1,535.79	49.18
28 46 13 31-0250	EA	10" Hazardous Location Bells, 24 Volt DC (EST3 439DEX-10AW)	1,549.76	49.18
28 46 13 31-0251		**Hazardous Location Horns** *(28 46 13 31-0229)*		
28 46 13 31-0252	EA	Hazardous Location Horns (EST3 888D-N5)	1,463.63	49.18
28 46 13 31-0253	EA	Explosion Proof Horn, Diode Polarized, 24 Volt DC (EST3 889D-AW)	1,195.40	49.18
28 46 13 31-0254		**Door Holders And Relays** *(28 46 13 31-0002)*		
28 46 13 31-0255		**Electromagnetic Door Holders** *(28 46 13 31-0254)*		
28 46 13 31-0256	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Single, Floor Mount (EST3 1501-AQN5)	262.42	49.18
28 46 13 31-0257	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Double, Floor Mount (EST3 1502-AQN5)	340.21	49.18
28 46 13 31-0258	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Flush, Wall Mount (EST3 1504-AQN5)	222.69	49.18
28 46 13 31-0259	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Flush, Wall Mount, Short Catch Plate (EST3 1505-AQN5)	222.69	49.18
28 46 13 31-0260	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Surface, Wall Mount (EST3 1508-AQN5)	226.28	49.18
28 46 13 31-0261	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Completely Flush, Wall Mount (EST3 1509-AQN5)	229.71	49.18
28 46 13 31-0262		**Control Relays, Multi-Voltage** *(28 46 13 31-0254)*		
28 46 13 31-0263	EA	Single SPDT With LED, Adhesive Tape Mounting (EST3 PAM1)	53.05	9.83
28 46 13 31-0264		**FireShield Plus** *(28 46 13 31-0002)*		
28 46 13 31-0265		**3 Zone System** *(28 46 13 31-0264)*		
28 46 13 31-0266	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP302R)	1,422.42	393.48
28 46 13 31-0267	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP302RD)	2,072.23	524.63
28 46 13 31-0268	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP302G)	1,422.42	393.48
28 46 13 31-0269	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP302GD)	2,072.23	524.63
28 46 13 31-0270	EA	Semi-Flush Trim Kit For 3 Or 5 Zone Enclosures, Gray (EST3 F-TRIM35G)	99.82	16.40
28 46 13 31-0271	EA	Semi-Flush Trim Kit For 3 Or 5 Zone Enclosures, Red (EST3 F-TRIM35R)	99.82	16.40
28 46 13 31-0272		**5 Zone System** *(28 46 13 31-0264)*		
28 46 13 31-0273	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP502R)	1,530.92	393.48
28 46 13 31-0274	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP502RD)	2,174.52	524.63

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28 46 13 31-0275	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP502G)	1,530.92	393.48
28 46 13 31-0276	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP502GD)	2,174.52	524.63
28 46 13 31-0277	EA	Semi-Flush Trim Kit For 3 Or 5 Zone Enclosures, Gray (EST3 F-TRIM35G)	99.82	16.40
28 46 13 31-0278	EA	Semi-Flush Trim Kit For 3 Or 5 Zone Enclosures, Red (EST3 F-TRIM35R)	99.82	16.40
28 46 13 31-0279		**10 Zone System** *(28 46 13 31-0264)*		
28 46 13 31-0280	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries (EST3 FSP1004R)	2,211.72	524.63
28 46 13 31-0281	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP1004RD)	2,861.52	655.79
28 46 13 31-0282	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries (EST3 FSP1004G)	2,165.23	524.63
28 46 13 31-0283	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP1004GD)	2,861.52	655.79
28 46 13 31-0284	EA	Semi-Flush Trim Kit For 10 Zone Enclosures, Gray (EST3 F-TRIM10G)	116.61	16.40
28 46 13 31-0285	EA	NAC Power Expansion Transformer, 120 Volt AC, Increases 10 Zone FACP NAC (EST3 F-XTR120)	213.18	32.79
28 46 13 31-0286		**FireShield Plus Off Premise Communication Options** *(28 46 13 31-0264)*		
28 46 13 31-0287	EA	F-Series Upload/Download DACT And Modem, Dual Line, With 2x16 LCD (EST3 F-DACT)	468.56	32.79
28 46 13 31-0288		**FireShield Plus Remote LED Annunciators** *(28 46 13 31-0264)*		
28 46 13 31-0289	EA	Remote System Indicator, Power, Alarm, Supervisory, Trouble And Ground Fault LED's With Local Buzzer, Single Gang, And White Trim Plate (EST3 FSRSI)	198.95	49.18
28 46 13 31-0290	EA	Remote Zone Indicator, Contains 5 Red LED's For Alarm Zone Indication, With Jumper Selectable Zone Settings, Single Gang, And White Trim Plate (EST3 FSRZI-A)	198.95	49.18
28 46 13 31-0291	EA	Remote Zone Indicator, Contains 5 Bi-Color LED's (Red/Yellow) For Alarm Or Supervisory Zone Indication, With Jumper Selectable Zone Settings, Single Gang, And White Trim Plate (EST3 FSRZI-SA)	206.87	49.18
28 46 13 31-0292	EA	Remote Annunciator Trim Plate - 2 Gang - White (EST3 FSAT2)	39.83	9.83
28 46 13 31-0293	EA	Remote Annunciator Trim Plate - 3 Gang - White (EST3 FSAT3)	49.95	9.83
28 46 13 31-0294	EA	Remote Annunciator Trim Plate - 4 Gang - White (EST3 FSAT4)	74.25	9.83
28 46 13 31-0295		**FireShield Plus Remote 10 Zone LED Annunciators** *(28 46 13 31-0264)*		
28 46 13 31-0296	EA	Remote LED Annunciator, With Common System Indicators, 10 Zone Indicators, White Housing, Mounts To 4" Electrical Box, For Use With 10 Zone Panels Only (EST3 FSRA10)	625.35	49.18
28 46 13 31-0297	EA	Remote LED Annunciator, With Common System Indicators, 10 Zone Indicators And Common Control Switches, White Housing, Mounts To 4" Electrical Box, For Use With 10 Zone Panels Only (EST3 FSRA10C)	687.35	49.18
28 46 13 31-0298	EA	Single Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Gray (EST3 RA-ENC1)	220.57	32.79
28 46 13 31-0299		**FireShield Plus Remote Relays And Interfaces** *(28 46 13 31-0264)*		
28 46 13 31-0300	EA	Remote Relay Module, 5 Form C Contacts, Jumper Selectable Operation, With Mounting Track (EST3 FSRRM24)	233.22	32.79
28 46 13 31-0301	EA	11" Snap Track Holds 2-4 RRMs, Used To Mount FSRRMs In MFC-A Or Other Listed Enclosure, MFC-A Will Hold Two FSRRM-11S (EST3 FSRRM-S11)	96.46	19.67
28 46 13 31-0302	EA	Common Function Graphic Driver/Interface - 9 Relays And 5 Switch Inputs For Common System Indicators And Controls (EST3 FSUIM)	372.47	32.79
28 46 13 31-0303		**FireShield Plus Accessories** *(28 46 13 31-0264)*		
28 46 13 31-0304	EA	Resistor Kit With 1-3.6K And 1-1.1K (46071-0409) (EST3 EOL3.6-1.1)	21.68	
28 46 13 31-0305	EA	4.7k UL End Of Line Resistor With Fireshield Panels (EST3 EOL47PK7)	13.20	
28 46 13 31-0306		**iO Series Fire Control Panels** *(28 46 13 31-0002)*		
28 46 13 31-0307		**Intelligent Analog Control Panels** *(28 46 13 31-0306)*		
28 46 13 31-0308	EA	FACP, 1 Intelligent Loop Supporting 125 Detectors/125 Modules, 2nd Loop Optional, 4 Class B NAC's, 6.5 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 18a/h Batteries, English (EST3 iO500G)	4,259.90	655.79
28 46 13 31-0309	EA	FACP, 1 Intelligent Loop Supporting 125 Detectors/125 Modules, 2nd Loop Optional, 4 Class B NAC's, 6.5 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 18 Amp/hour Batteries, With Dual Line Dialer/Modem, English (EST3 iO500GD)	4,560.59	655.79
28 46 13 31-0310	EA	FACP, 1 Loop, 64 Intelligent Devices Max, 2 Class B NAC's, 4.25 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 10 Amp/hour Batteries, English (EST3 iO64G)	3,400.49	524.63
28 46 13 31-0311	EA	FACP, 1 Loop, 64 Intelligent Devices Max, 2 Class B NAC's, 4.25 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 10 Amp/hour Batteries, With Dual Line Dialer/Modem, English (EST3 iO64GD)	3,539.98	524.63
28 46 13 31-0312		**Option Modules And Accessories For iO Series** *(28 46 13 31-0306)*		
28 46 13 31-0313	EA	16 Zone LED Annunciator, 2 LED's Per Zone, Customizable Insert Labels, Left Side Mounting, Zones 1-16 (EST3 D16L-iO-1)	408.36	49.18
28 46 13 31-0314	EA	16 Zone LED Annunciator, 2 LED's Per Zone, Customizable Insert Labels, Right Side Mounting, Zones 17-32, Requires D16L-iO-1 (EST3 D16L-iO-2)	253.36	49.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0315	EA	Serial Interface, RS232, 4 Terminal Connections For Supervised/Unsupervised Printers And Connection To PC's (EST3 SA-232)	253.36	49.18
28 46 13 31-0316	EA	Class A NAC Module, For 64 Point Systems Only, Mounts To Main Board (EST3 SA-CLA)	220.57	32.79
28 46 13 31-0317	EA	Dialer/Modem, Two Telephone Line Connections, RJ31, Mounts To Base Plate (EST3 SA-DACT)	455.45	26.23
28 46 13 31-0318	EA	Ethernet Port Interface, RJ45, Mounts To Base Plate (EST3 SA-ETH)	827.44	26.23
28 46 13 31-0319	EA	Trim Kit For Semi-Flush Mounting 64 Point Systems (EST3 SA-TRIM1)	97.89	16.40
28 46 13 31-0320	EA	Trim Kit For Semi-Flush Mounting 500 Point Systems (EST3 SA-TRIM2)	113.39	16.40
28 46 13 31-0321	EA	Expansion Loop For iO500 Systems, 125 Detectors/125 Modules, Mounts On Main Board (EST3 XAL250)	1,526.10	65.58
28 46 13 31-0322		**Remote Annunciators For iO Series** *(28 46 13 31-0306)*		
28 46 13 31-0323	EA	Remote Annunciator, 80 Character LCD, Common System Indicators, Beige Housing, Mounts To 4" Box With Supplied Ring (EST3 RLCD)	834.58	49.18
28 46 13 31-0324	EA	Remote Annunciator, 80 Character LCD, Common System Indicators And Controls, Beige Housing, Mounts To 4" Box With Supplied Ring (EST3 RLCD-C)	873.34	49.18
28 46 13 31-0325		**Remote Annunciator Accessories** *(28 46 13 31-0306)*		
28 46 13 31-0326	EA	24 Expander Cable Assembly, With Cable And Hardware (EST3 730073)	94.79	16.40
28 46 13 31-0327	EA	12 Expander Cable (Cable Only) (EST3 7120313-01)	63.79	16.40
28 46 13 31-0328	EA	24 Expander Cable (Cable Only) (EST3 7120313-02)	87.03	16.40
28 46 13 31-0329	EA	Single Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC1)	253.36	49.18
28 46 13 31-0330	EA	Dual Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC2)	292.10	49.18
28 46 13 31-0331	EA	Three Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC3)	330.86	49.18
28 46 13 31-0332	EA	Blank Zone Card Insert For RLEDx Controllers (EST3 RA-LED16ZC)	63.79	16.40
28 46 13 31-0333	EA	Blank Zone Card Insert For RLED24x Controllers (EST3 RA-LED24ZC)	63.79	16.40
28 46 13 31-0334	EA	Remote Key Switch, Single Gang Mount, Provides Keyed Control To Enable/Disable Common Control Switches On Remote Annunciators (EST3 RKEY)	131.51	16.40
28 46 13 31-0335		**System Accessories** *(28 46 13 31-0306)*		
28 46 13 31-0336	EA	Battery Cabinet, 14" x 18.25" x 7.25" Free Standing Cabinet With Key Lock, Supports Up To 40 Amp Hours Batteries, Will Hold Up To Two 12 Volt DC, 24 Ampere Batteries (EST3 BC-1)	466.24	65.58
28 46 13 31-0337	EA	Isolator Module - RS232, For Use With Short Haul Modems, VDU-3, CCA Series, CGP Series And FCOM-232, Requires 1/2 Size Cabinet Footprint (EST3 IOP3A)	2,106.95	524.63
28 46 13 31-0338		**Conventional Initiating Devices** *(28 46 13 31-0002)*		
28 46 13 31-0339		**Detectors, Heat, Double Pole** *(28 46 13 31-0338)*		
		Note: WARNING, Heat detectors are not Life Safety Devices, use for property protection only.		
28 46 13 31-0340	EA	Heat Detector, 135 Degree F Fixed Temperature (CF135-2)	181.89	49.18
28 46 13 31-0341	EA	Heat Detector, 200 Degree F Fixed Temperature (CF200-2)	181.89	49.18
28 46 13 31-0342	EA	Heat Detector, 135 Degree F ROR/Fixed Temperature (CR135-2)	181.89	49.18
28 46 13 31-0343	EA	Heat Detector, 200 Degree F ROR/Fixed Temperature (CR200-2)	181.89	49.18
28 46 13 31-0344		**Detectors, Rate Compensation Heat, Accessories** *(28 46 13 31-0338)*		
28 46 13 31-0345	EA	Heat Detector, Rate Compensation, Adapter Plate For Mounting 302 And 302-AW To Any 3 Outlet Box Or 4" Octagon Outlet Box (GE AP-P)	110.90	49.18
28 46 13 31-0346	EA	Explosion Proof Outlet Body With Cover, 1/2" Threaded Hubs On Back, Four Sides And Cover (GE JALX11)	305.84	26.23
28 46 13 31-0347	EA	4" Weatherproof, Octagon Back Box And Cover, 1/2" Threaded Hubs On Back, Four Sides And Cover (GE STONCO27)	95.79	32.79
28 46 13 31-0348		**Detectors, Heat, Fire-Lite** *(28 46 13 31-0338)*		
		Note: WARNING, Heat detectors are not Life Safety Devices, use for property protection only.		
28 46 13 31-0349	EA	Explosion Heat Detector, 135 Degree F Fixed Temperature, Rate-Anticipation Heat Detector, All-Weather Vertical Mounting (302-EPM-135)	169.97	49.18
28 46 13 31-0350	EA	Explosion Heat Detector, 194 Degree F Fixed Temperature, Rate-Anticipation Heat Detector, All-Weather Vertical Mounting (302-EPM-194)	169.97	49.18
28 46 13 31-0351		**Audio Notification Systems (Standalone Voice Evacuation)** *(28 46 13 31-0002)*		
28 46 13 31-0352		**Audio Notification Panels** *(28 46 13 31-0351)*		
28 46 13 31-0353	EA	Audio Notification Panel, 100 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS100MDG)	5,914.89	655.79
28 46 13 31-0354	EA	Audio Notification Panel, 100 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS100MDR)	5,914.89	655.79
28 46 13 31-0355	EA	Audio Notification Panel, 25 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS25MDG)	4,411.46	655.79
28 46 13 31-0356	EA	Audio Notification Panel, 25 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS25MDR)	4,411.46	655.79
28 46 13 31-0357	EA	Audio Notification Panel, 50 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS50MDG)	5,155.42	655.79
28 46 13 31-0358	EA	Audio Notification Panel, 50 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS50MDR)	5,155.42	655.79

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28 46 13 31-0359		**Audio Notification Expander Panels** *(28 46 13 31-0351)*		
28 46 13 31-0360	EA	Audio Expander Panel, 100W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS100XG)	4,535.45	655.79
28 46 13 31-0361	EA	Audio Expander Panel, 100W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS100XR)	4,535.45	655.79
28 46 13 31-0362	EA	Audio Expander Panel, 25 Watt Without DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS25XG)	3,078.51	655.79
28 46 13 31-0363	EA	Audio Expander Panel, 25 Watt Without DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS25XR)	3,078.51	655.79
28 46 13 31-0364	EA	Audio Expander Panel, 50W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS50XG)	3,930.97	655.79
28 46 13 31-0365	EA	Audio Expander Panel, 50W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS50XR)	3,930.97	655.79
28 46 13 31-0366		**Audio Notification Output Accessories** *(28 46 13 31-0351)*		
28 46 13 31-0367	EA	Zone Adapter, 1 Circuit To 2 Circuit's (GE ANSZC2B)	172.28	16.40
28 46 13 31-0368	EA	Zone Splitter, 2 Class A Circuits With Zone Selection Switches And All-Call Switch (GE ANSZS2A)	763.05	32.79
28 46 13 31-0369	EA	Zone Splitter, 4 Class B Circuits With Zone Selection Switches And All-Call Switch (GE ANSZS4B)	763.05	32.79
28 46 13 31-0370	EA	Class A Converter (GE ANSZSC4A)	546.06	32.79
28 46 13 31-0371		**Audio Notification Remote Microphone** *(28 46 13 31-0351)*		
28 46 13 31-0372	EA	Microphone (GE ANSMIKE)	205.07	32.79
28 46 13 31-0373	EA	Remote Microphone, Supervised In Surface/Semi-Flush Gray Cabinet, Requires EVX-SC Card In Evacuation Panel (GE ANSREMG)	840.55	32.79
28 46 13 31-0374	EA	Remote Microphone, Supervised In Surface/Semi-Flush Red Cabinet, Requires EVX-SC Card In Evacuation Panel (GE ANSREMR)	840.55	32.79
28 46 13 31-0375	EA	Remote Microphone Supervisory Card, One Per System, Supervises Up To 5 Remote Microphones (GE ANSREMSUP)	187.78	16.40
28 46 13 31-0376	EA	Relay Card For Supervision/Zone Splitter To Remote Microphone (GE ANSZSR)	102.52	16.40
28 46 13 31-0377		**Audio Notification Accessories** *(28 46 13 31-0351)*		
28 46 13 31-0378	EA	Audio Matching - Line Input/Output Card (GE ANSAUX)	344.57	32.79
28 46 13 31-0379	EA	Class B Backup Amplifier Switching Module (GE ANSBKUP)	344.57	32.79
28 46 13 31-0380	EA	Class A Backup Amplifier Switching Module (GE ANSBKUPA)	344.57	32.79
28 46 13 31-0381	EA	Eight Input Remote Serial Interface Module, Accepts Dry Contact Interface To Control Up To 8 Messages, Message Recording Included With Module, For Industrial Signaling Only, Not UL Listed For Fire Alarm / Life Safety Applications (GE ANSRSI8)	763.05	32.79
28 46 13 31-0382		**Audio Notification Modules, Without Cabinet And Transformer** *(28 46 13 31-0351)*		
28 46 13 31-0383	EA	100W Expander Module (No Microphone OR DMR), Requires Transformer Ordered Separately (GE ANS100A) Note: Excludes cabinet.	2,781.55	65.58
28 46 13 31-0384	EA	100W Expander Module With Microphone (No DMR), Requires Transformer Ordered Separately (GE ANS100AM) Note: Excludes cabinet.	2,921.05	65.58
28 46 13 31-0385	EA	100W Audio Notification Module With DMR And Microphone, Requires Transformer Ordered Separately (GE ANS100AMD) Note: Excludes cabinet.	4,037.00	65.58
28 46 13 31-0386	EA	25 Watt Expander Module (No Microphone Or DMR), Requires Transformer Ordered Separately (GE ANS25A) Note: Excludes cabinet.	1,526.10	65.58
28 46 13 31-0387	EA	25 Watt Expander Module With Microphone (No DMR), Requires Transformer (GE ANS25AM) Note: Excludes cabinet.	1,526.10	65.58
28 46 13 31-0388	EA	25 Watt Audio Notification Module With DMR And Microphone, Requires Transformer Ordered Separately (GE ANS25AMD)	2,781.55	65.58
28 46 13 31-0389	EA	50W Expander Module (No Microphone Or DMR) (GE ANS50A) Note: Excludes cabinet.	2,223.58	65.58
28 46 13 31-0390	EA	50W Expander Module With Microphone (No DMR) (GE ANS50AM) Note: Excludes cabinet.	2,363.07	65.58
28 46 13 31-0391	EA	50W Audio Notification Module With DMR And Microphone (GE ANS50AMD) Note: Excludes cabinet.	3,479.02	65.58
28 46 13 31-0392	EA	Power Transformer, Open Frame, 28 Volt AC At 180 VA (EVAX 50/100) (GE ANST28180)	172.28	16.40
28 46 13 31-0393	EA	Power Transformer, Open Frame, 28 Volt AC At 100 VA (EVAX 25) (GE ANST2885)	127.40	16.40
28 46 13 31-0394		**EST4 Life Safety And Security Control** *(28 46 13 31-0001)*		
28 46 13 31-0395		**Audio Units And Interfaces** *(28 46 13 31-0394)*		
28 46 13 31-0396	EA	Annunciator, Audio And Telephone Interface Module (EST4 4-ANNAUDTEL)	350.07	98.37
28 46 13 31-0397	EA	Audio And Telephone Interface/Riser Module (EST4 4-AUDTELS)	678.92	32.79
28 46 13 31-0398	EA	Firefighter Master Handset (EST4 4-FT)	669.95	81.97
28 46 13 31-0399	EA	Display, LCD Module For Audio/Telephone Control (EST4 4-LCDAUDTEL)	618.44	98.37
28 46 13 31-0400	EA	Display, LCD Module With Cable For Audio/Telephone Control For Annunciators (EST4 4-LCDAUDTELANN)	689.83	98.37
28 46 13 31-0401	EA	Display, LCD Module With Cable For Audio/Telephone Control With Bracket For CAB 14 And CAB 21 (EST4 4-LCDAUDTELCAB-CB)	745.08	98.37
28 46 13 31-0402	EA	Display, LCD Module With Cable For Audio/ Telephone Control With Mounting Plate (EST4 4-LCDAUDTELCAB-MPLT) Note: For CAB7, CAB14, CAB21, 4-16ANNMT and 4-24ANNMT applications	873.56	98.37
28 46 13 31-0403	EA	Paging Microphone (EST4 4-MIC)	706.07	32.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0404		**Cabinets And Chassis** *(28 46 13 31-0394)*		
28 46 13 31-0405	EA	Battery Shelf For RCCxx Series Cabinets (EST4 3-BATS) Note: Takes one chassis space in a RCC cabinet. Provides space for up to one 65AH battery.	57.71	8.62
28 46 13 31-0406	EA	Battery Distribution Module (EST4 3-BTSEN)	493.07	131.16
28 46 13 31-0407	EA	Wallbox With 2 Chassis Spaces (EST4 3-CAB14B)	634.78	49.18
28 46 13 31-0408	EA	Wallbox With 3 Chassis Spaces (EST4 3-CAB21B)	776.46	49.18
28 46 13 31-0409	EA	Backbox, Black (EST4 3-CAB5B) Note: Supports five Local Rail Modules.	305.37	49.18
28 46 13 31-0410	EA	Wallbox With 1 Chassis Space (EST4 3-CAB7B)	432.40	49.18
28 46 13 31-0411	EA	3-CAB - Seismic Battery Hold Down For 3-CAB 7, 14 Or 21 (EST4 3-CABEQ) Note: Supports two 12V batteries from 10 Amp hrs up to 18 Ahrs. Comes with EST3 Chassis hardening hardware and instructions	326.06	13.12
28 46 13 31-0412	EA	Chassis Assembly (EST4 3-CHAS7) Note: Fits in any Lobby or Remote Closet Cabinet except CAB5 Series. Provides space for up to seven LRMs. Rear space for up to two power supplies.	482.96	49.18
28 46 13 31-0413	EA	Remote Closet Enclosure, Red (EST4 3-RCC14R)	1,157.94	131.16
28 46 13 31-0414	EA	Remote Closet Enclosure, Red (EST4 3-RCC21R)	1,588.01	131.16
28 46 13 31-0415	EA	Remote Closet Enclosure, Red (EST4 3-RCC7R)	950.53	131.16
28 46 13 31-0416	EA	3-RCC Series Cabinet, Seismic Battery Hold Down For 3-RCC1XXR Series (EST4 3-RCCEQ50) Note: Supports one set of 50 Amp hr (two batteries). Order 3-RCC14R or 3-RCC21R separately.	473.28	163.95
28 46 13 31-0417	EA	3-RCC Series Cabinet, Seismic Battery Hold Down (EST4 3-RCCEQ65) Note: Supports one set of 65 Ahr (two batteries) batteries (one battery in bottom of cabinet, one battery mounted on 3-BATS. Order 3-RCCxxR cabinet and 3-BATS separately.	927.49	163.95
28 46 13 31-0418	EA	Tamper Switch For CAB5 Series Cabinets (EST4 3-TAMP5)	126.37	32.79
28 46 13 31-0419	EA	Tamper Switch For 3-RCC Cabinets (EST4 3-TAMPRCC)	126.37	32.79
28 46 13 31-0420	EA	Mounting Bracket (EST4 4-BRKT-CB) Note: Provides space for mounting any one of 4-ANNCPU, 4-FWAL-1, 4-FWAL-2, 4-FWAL-3, 4-FWAL-4, or a 4-NET-AD module. Mounts on the back plane of a 3-CHAS7 or on the back plane of a 3-ASU chassis in retrofit applications.	89.75	16.40
28 46 13 31-0421	EA	Mounting Bracket (EST4 4-BRKT-CS) Note: Provides space for mounting any one of 4-FWAL-1, 4-FWAL-2, 4-FWAL-3, 4-FWAL-4, or a 4-NET-AD module. The bracket mounts to the side of a 3-CHAS7.	89.75	16.40
28 46 13 31-0422	EA	Door Assembly, Bronze (EST4 4-CAB16D) Note: Includes 16 User Interface spaces, mounts to 3-CAB7B wallbox.	597.16	9.84
28 46 13 31-0423	EA	Door Assembly, Red (EST4 4-CAB16DR) Note: Includes 16 User Interface spaces, mounts to 3-CAB7B wallbox.	597.16	9.84
28 46 13 31-0424	EA	Door Assembly, Bronze (EST4 4-CAB24D) Note: Outer door and black inner door with 24 user interface spaces, mounts to 3-CAB14B wallbox.	737.76	9.84
28 46 13 31-0425	EA	Door Assembly, Bronze (EST4 4-CAB24DL) Note: Outer door and black inner door with 24 user interface spaces, mounts to 3-CAB21B wallbox.	843.24	9.84
28 46 13 31-0426	EA	Door Assembly, Red (EST4 4-CAB24DR) Note: Outer door and black inner door with 24 user interface spaces, mounts to 3-CAB14B wallbox.	738.65	9.84
28 46 13 31-0427	EA	Door Assembly, Red (EST4 4-CAB24DRL) Note: Outer door and black inner door with 24 user interface spaces, mounts to 3-CAB21B wallbox.	843.24	9.84
28 46 13 31-0428	EA	Door Assembly, Bronze (EST4 4-CAB8D) Note: Outer door and black inner door with 8 user interface spaces, mounts to 3-CAB5B wallbox.	420.02	9.84
28 46 13 31-0429	EA	Door Assembly, Red (EST4 4-CAB8DR) Note: Outer door and black inner door with 8 user interface spaces, mounts to 3-CAB5B wallbox.	420.02	9.84
28 46 13 31-0430	EA	Replacement Hinge Assembly For CAB21 (EST4 4-HNG21)	76.68	
28 46 13 31-0431	EA	Replacement Hinge Assembly For CAB7 Or 14 (EST4 4-HNG714)	76.68	
28 46 13 31-0432	EA	Replacement Door Lock And Two Keys (EST4 4-LOCK2KEY)	147.79	
28 46 13 31-0433	EA	Mounting Plate (EST4 4-MPLT) Note: Mounts in chassis or battery space	224.27	16.40
28 46 13 31-0434	EA	Tamper Switch For 3-CAB7B, 3-CAB14B And 3-CAB21B Cabinets With 4-CABXXD Series Doors (EST4 4-TAMP) Note: Mounts to side of cabinet.	118.07	32.79
28 46 13 31-0435	EA	Battery Cabinet, Black Backbox, Bronze Door (EST4 BC-1) Note: Supports up to 40AH batteries	326.33	65.58
28 46 13 31-0436	EA	Seismic Battery Hold Down For BC-1 (EST4 BC-1EQ) Note: Supports up to two 40 Ahr batteries. Order BC-1 or BC-1R Separately.	165.04	13.12
28 46 13 31-0437	EA	Battery Cabinet, Black Backbox, Red Door (EST4 BC-1R) Note: Supports up to 40AH batteries.	326.33	65.58
28 46 13 31-0438	EA	8" x 14 x 3-1/2" Multi-Function Enclosure, Red (EST4 MFC-A)	222.52	65.58
28 46 13 31-0439		**Central Processing Unit** *(28 46 13 31-0394)*		
28 46 13 31-0440	EA	Annunciator Central Processor Unit (CPU) (EST4 4-ANNCPU) Note: Provides mounting for up to two network controllers, one USB device port, one USB host port and one 4-ANNAUDTEL module.	720.92	98.37
28 46 13 31-0441	EA	Cable (EST4 4-CABL0542) Note: Interconnects the 4-CPU to the inner door rail when no 4-LCD display is installed in the cabinet.	134.32	16.40
28 46 13 31-0442	EA	Cable, USB 3.0 A-B, Male, Long (EST4 4-CABLUSBLG)	82.39	16.40
28 46 13 31-0443	EA	Common Relay Module (EST4 4-COMREL)	85.61	16.40
28 46 13 31-0444	EA	Central Processor Module (EST4 4-CPU)	1,346.75	98.37
28 46 13 31-0445	EA	EST4 Software License, 1 Seat (EST4 4-CUSWL)	657.30	
28 46 13 31-0446		**Control Display Modules** *(28 46 13 31-0394)*		
28 46 13 31-0447	EA	Control Display Module With 24 Indicators (EST4 4-24L)	476.36	98.37
28 46 13 31-0448	EA	Control Display Module With 24 Indicators And 12 Switches (EST4 4-24L12S)	581.19	98.37
28 46 13 31-0449	EA	Control Display Module With 24 Indicators And 18 Switches (EST4 4-24L18S)	581.19	98.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0450	EA	Control Display Module With 24 Indicators And 24 Switches (EST4 4-24L24S)	596.08	98.37
28 46 13 31-0451	EA	Blank Filler Plate (EST4 4-FIL)	35.72	16.40
28 46 13 31-0452		**Liquid Crystal Display (LCD) Modules** *(28 46 13 31-0394)*		
28 46 13 31-0453	EA	LCD Display For EST3 Panels (EST4 4-3LCD) Note: Allows reuse of EST3 UI layer in retrofit applications. The 4-3LCD can be mounted in remote closet cabinets where an LCD display is needed. The display mounts on the 4-CPU module.	886.75	98.37
28 46 13 31-0454	EA	LCD With Cable For Annunciator Enclosure 4-4ANN, 4-6ANN Mounting (EST4 4-LCDANN)	878.89	98.37
28 46 13 31-0455	EA	Display, LCD Module For Audio/Telephone Control (EST4 4-LCDAUDTEL)	618.44	98.37
28 46 13 31-0456	EA	Display, LCD Module With Cable For Audio/Telephone Control For Annunciators (EST4 4-LCDAUDTELANN)	689.83	98.37
28 46 13 31-0457	EA	Display, LCD Module With Cable For Audio/Telephone Control With Bracket For CAB 14 And CAB 21 (EST4 4-LCDAUDTELCAB-CB)	745.08	98.37
28 46 13 31-0458	EA	Display, LCD Module With Cable For Audio/ Telephone Control With Mounting Plate For CAB7, CAB14, CAB21, 4-16ANNMT And 4-24ANNMT Applications (EST4 4-LCDAUDTELCAB-MPLT)	873.56	98.37
28 46 13 31-0459	EA	LCD With Cable For 3-CAB5B, 7B, 14B, 21B, 4-8ANN, 16ANN And 24ANN Mounting (EST4 4-LCDLE)	876.88	98.37
28 46 13 31-0460		**Network Accessories** *(28 46 13 31-0394)*		
28 46 13 31-0461	EA	Firewall (EST4 4-FWAL1) Note: Provides secure connection to external systems. Support us to 8 concurrent IP connections supports connection to 4-USBHUB with printer and/or CDR3, SFP connection to FireWorks and other supported external connections	460.11	
28 46 13 31-0462	EA	Firewall W/DACT (EST4 4-FWAL2) Note: Provides secure connection to external systems. Support us to 8 concurrent IP connections supports connection to 4-USBHUB with printer and/or CDR3, SFP connection to FireWorks and other supported external connections	544.34	
28 46 13 31-0463	EA	Firewall W/EMAIL (EST4 4-FWAL3) Note: Provides secure connection to external systems. Support us to 8 concurrent IP connections supports connection to 4-USBHUB with printer and/or CDR3, SFP connection to FireWorks and other supported external connections	521.34	
28 46 13 31-0464	EA	Firewall W/DACT/ EMAIL/DIAG (EST4 4-FWAL4) Note: Provides secure connection to external systems. Support us to 8 concurrent IP connections supports connection to 4-USBHUB with printer and/or CDR3, SFP connection to FireWorks and other supported external connections	1,510.35	
28 46 13 31-0465	EA	SFP Network Firewall Adapter, CAT5 UTP Copper, 100Base-TX, 100 Mbps (EST4 4-FWAL-CAT)	324.62	32.79
28 46 13 31-0466	EA	SFP Network Firewall Adapter, Multimode, Dual-Fiber, 100Base-FX 1310nm (EST4 4-FWAL-MM)	424.21	32.79
28 46 13 31-0467	EA	SFP Network Firewall Adapter, Single-Mode, Dual-Fiber, 100Base-LX10 1310nm (EST4 4-FWAL-SM)	1,040.24	32.79
28 46 13 31-0468	EA	SFP Network Firewall Adapter, Single-Mode, Single-Fiber, Downlink, 100Base-BX10-D 1550nm/1310nm Tx/Rx (EST4 4-FWAL-SMD) Note: Works with 4-FWAL-SMU	1,258.15	32.79
28 46 13 31-0469	EA	SFP Network Firewall Adapter, Single-Mode, Dual-Fiber, 100Base-High Output 1310nm (EST4 4-FWAL-SMH)	1,357.12	32.79
28 46 13 31-0470	EA	SFP Network Firewall Adapter, Single-Mode, Single-Fiber, Uplink, 100Base-BX10-U 1310nm/1550nm Tx/Rx (EST4 4-FWAL-SMU) Note: Works with 4-FWAL-SMD	1,258.15	32.79
28 46 13 31-0471	EA	Network Adder Module (EST4 4-NET-AD)	631.28	32.79
28 46 13 31-0472	EA	SFP Network Controller, CAT5 UTP Copper, 100Base-TX, 100Mbps (EST4 4-NET-CAT)	492.62	98.37
28 46 13 31-0473	EA	SFP Network Controller, Multimode, Dual-Fiber, 100Base-FX 1310nm (EST4 4-NET-MM)	618.66	98.37
28 46 13 31-0474	EA	SFP Network Controller, Single-Mode, Dual-Fiber, 100Base-LX10 1310nm (EST4 4-NET-SM)	1,343.41	98.37
28 46 13 31-0475	EA	SFP Network Controller, Single-Mode, Single-Fiber, Downlink, 100Base-BX10-D 1550nm/1310nm Tx/Rx (EST4 4-NET-SMD) Note: Works with 4-NET-SMU	1,599.75	98.37
28 46 13 31-0476	EA	SFP Network Controller, Single-Mode, Dual-Fiber, 100Base-High Output 1310nm (EST4 4-NET-SMH)	1,716.20	98.37
28 46 13 31-0477	EA	SFP Network Controller, Single-Mode, Single-Fiber, Uplink, 100Base-BX10-U 1310nm/1550nm Tx/Rx Note: Works with 4-NET-SMD	1,599.75	98.37
28 46 13 31-0478	EA	SFP Network Controller, 2Mbps Shared TX/RX, Twisted Pair (EST4 4-NET-TP)	492.62	98.37
28 46 13 31-0479	EA	SFP Network Controller, 0.3Mbps Shared TX/RX, High Capacitance Twisted Pair (EST4 4-NET-TP-HC)	703.73	98.37
28 46 13 31-0480	EA	Network Extender Module (EST4 4-NET-XT) Note: Mounts to DIN rail on 4-MPLT ordered separately	2,212.26	32.79
28 46 13 31-0481	EA	4-USBHUB Multi-port USB Hub Module (EST4 4-USBHUB) Note: Mounts in a ½ footprint module space and provides isolated RS-232 USB and terminal block connections for RS-232 to CDR connections.	525.58	32.79
28 46 13 31-0482	EA	Coder, PSNI (EST4 CDR-3) Note: Positive, non-interfering, successive and march time codes PSNI code out (relay & tone outputs). March time out (relay & tone outputs). Connects to RS-232 serial port. Requires 1/2 size cabinet footprint and 24 VDC power.	610.17	32.79
28 46 13 31-0483	EA	Field Server Bridge Bracket For FSB-PC2 Or FSB-PCLW (EST4 FSB-BRKT2)	87.21	16.40
28 46 13 31-0484	EA	ECPxml To BMS/Elevator Bridge (EST4 FSB-PC4) Note: Mounts on FSB-BRKT2, ordered separately.	2,298.61	32.79
28 46 13 31-0485	EA	ECPxml To BMS/Elevator Bridge (EST4 FSB-PC4LW) Note: Mounts on FSB-BRKT2, ordered separately.	2,298.61	32.79
28 46 13 31-0486	EA	Ground Fault Detection Module (EST4 GFD) Note: One required for every two 3-NSHM1/2s.	336.42	16.40
28 46 13 31-0487	EA	Isolator Module, RS232 (EST4 IOP3A) Note: For use with short haul modems, VDU-3, CCA Series, CGP Series and FCOM-232, requires 1/2 size cabinet footprint.	1,684.70	524.63
28 46 13 31-0488	EA	MN-FVPN, MN-ABPM, MN-PASM2, MN-COM1S, MN-NETRLY4 And/Or MN-FNS(4)(8) Series Switch Mounting Bracket For EST3 Enclosures (EST4 MN-BRKT1F)	262.31	16.40
28 46 13 31-0489	EA	24 VDC, 4 Fast Ethernet (RJ45), 2 GB SFP, Layer 3 Lite (EST4 MN-FNS4C2F3)	2,953.80	131.16
28 46 13 31-0490	EA	MN-FNS4 Series Switch Holder Bracket (EST4 MN-FNS4HDK1) Note: Used with MN-BRKT Series. One required per switch.	131.35	16.40
28 46 13 31-0491	EA	Desk Top Style, System Printer (EST4 PT-1S)	1,100.87	32.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0492		**Power Supplies** *(28 46 13 31-0394)*		
28 46 13 31-0493	EA	Primary Power Supply With Local Rail Module 120-240V 50/60 Hz (EST4 4-PPS/M)	1,081.96	16.40
28 46 13 31-0494		**Remote Annunciators** *(28 46 13 31-0394)*		
28 46 13 31-0495	EA	LED/SWITCH Driver Module Assembly (EST4 3-EVDVRA) Note: Assembled version of 3-EVDVR, comes packaged with cables, mounting hardware installation instructions used for third party graphics. Mounts in 3-EVDVRX.	733.15	98.37
28 46 13 31-0496	EA	Plastic Mounting Extrusion (EST4 3-EVDVRX) Note: Mounts up to three 3-EVDVRA modules.	129.43	32.79
28 46 13 31-0497	EA	Power Supply Assembly (EST4 3-EVPWRA) Note: Assembled version of 3-EVPWR, comes packaged with cables, mounting hardware and mounting plate for 3-ANNCPU1. Used for third party graphics.	611.98	98.37
28 46 13 31-0498	EA	16 Slots (2 rows of 8), Bronze Annunciator (EST4 4-16ANN) Note: Comes with 4-ANNCPU, Bronze outer and black inner doors. Order wall Mounting assembly 4-16ANNMT (Surface mount) or 3-CAB7B (semi-flush mount), required network Controllers 4-NET-XX series, end user interfaces and required filler plates separately.	1,278.22	98.37
28 46 13 31-0499	EA	Surface Mount Wall Box Assembly For Eight Wide By Two High Annunciators (16 spaces) (EST4 4-16ANNMT)	336.15	26.23
28 46 13 31-0500	EA	24 slots (3 rows of 8), Bronze Annunciator (EST4 4-24ANN) Note: Comes with 4-ANNCPU, Bronze outer and black inner doors. Order wall mounting assembly 4-24ANNMT, required network Controllers 4-NET-XX series, and End User interfaces and required filler plates separately.	1,373.45	98.37
28 46 13 31-0501	EA	Surface Mount Wallbox Assembly For Eight Wide By Three High Annunciator (24 spaces) (EST4 4-24ANNMT)	448.06	26.23
28 46 13 31-0502	EA	LCD Annunciator (EST4 4-2ANN) Note: Comes with 4-LCDANN color touchscreen display, 4-ANNCPU, bronze outer door and black inner door. Order wallbox assembly model 4-2ANNMT and required network Controllers 4-NET-XX separately	1,566.78	98.37
28 46 13 31-0503	EA	Mounting Assembly For 4-2ANN, Two Wide Annunciator (EST4 4-2ANNMT) Note: Supports surface or semiflush mounting. Comes with black wallbox, surface mounting plastic fillers and semi-flush trim.	186.35	49.18
28 46 13 31-0504	EA	Bronze Annunciator (EST4 4-4ANN) Note: Supports 4 slots (1 row of 4). Comes with 4-ANNCPU, bronze outer door and black inner door. Order wall Mounting assembly 4-4ANNMT, required network controllers 4-NET-XX series, any user interfaces and filler plates separately.	908.37	98.37
28 46 13 31-0505	EA	Mounting Assembly For 4-4ANN, Four Wide annunciator (EST4 4-4ANNMT) Note: Supports surface or semiflush mounting. Comes with black wallbox, surface mounting plastic fillers and semi-flush trim.	261.80	49.18
28 46 13 31-0506	EA	Bronze Annunciator, 6 Slots (1 row of 6) (EST4 4-6ANN) Note: Comes with 4-ANNCPU, bronze outer door and black inner door. Order wall Mounting assembly 4-6ANNMT, required network Controllers 4-NET-XX series, any user interfaces and required filler plates separately.	945.14	98.37
28 46 13 31-0507	EA	Mounting Assembly For 4-6ANN, Six Wide Annunciator (EST4 4-6ANNMT) Note: Supports surface or semiflush mounting. Comes with wallbox, surface mounting plastic fillers and semi-flush trip.	299.77	49.18
28 46 13 31-0508	EA	Bronze Annunciator, 8 Slots (2 rows of 4) (EST4 4-8ANN) Note: Comes with 4-ANNCPU, Bronze outer and black inner doors. Order wall Mounting assembly 4-8ANNMT (surface mounting), or 3-CAB5B (Semi-flush mounting) required network Controllers 4-NET-XX series, End User interfaces and required filler plates separately.	1,095.03	98.37
28 46 13 31-0509	EA	Mounting Assembly For 4-8ANN, Four Wide x Two Row High Annunciator (EST4 4-8ANNMT) Note: Supports surface mounting.	382.05	49.18
28 46 13 31-0510	EA	Security Kit (EST4 4-ANNSK) Note: Provides a keyless door latch that allows access to LCD and switches, used for security applications where the display needs to be accessed without the need for a tool to unlock the door for arming, disarming, bypass applications within the protected space.	40.51	
28 46 13 31-0511	EA	Graphic Annunciator Central Processor Module (EST4 4-CPUGRPH)	1,530.75	98.37
28 46 13 31-0512	EA	SFP Network Controller, CAT5 UTP Copper, 100Base-TX, 100Mbps (EST4 4-NET-CAT)	492.62	98.37
28 46 13 31-0513	EA	SFP Network Controller, Multimode, Dual-Fiber, 100Base-FX 1310nm (EST4 4-NET-MM)	618.66	98.37
28 46 13 31-0514	EA	SFP Network Controller, Single-Mode, Dual-Fiber, 100Base-LX10 1310nm (EST4 4-NET-SM)	1,343.41	98.37
28 46 13 31-0515	EA	SFP Network Controller, Single-Mode, Single-Fiber, Downlink, 100Base-BX10-D 1550nm/1310nm Tx/Rx (EST4 4-NET-SMD) Note: Works with 4-NET-SMU	1,599.75	98.37
28 46 13 31-0516	EA	SFP Network Controller, Single-Mode, Dual-Fiber, 100Base-High Output 1310nm (EST4 4-NET-SMH)	1,716.20	98.37
28 46 13 31-0517	EA	SFP Network Controller, Single-Mode, Single-Fiber, Uplink, 100Base-BX10-U 1310nm/1550nm Tx/Rx (EST4 4-NET-SMU) Note: Works with 4-NET-SMD	1,599.75	98.37
28 46 13 31-0518	EA	SFP Network Controller, 2 Mbps Shared TX/RX, Twisted Pair (EST4 4-NET-TP)	492.62	98.37
28 46 13 31-0519	EA	SFP Network Controller, 0.3 Mbps Shared TX/RX, High Capacitance Twisted Pair (EST4 4-NET-TP-HC)	703.73	98.37
28 46 13 31-0520		**Miscellaneous** *(28 46 13 31-0394)*		
28 46 13 31-0521	EA	Service Replacement Bronze Annunciator Door (EST4 4-2ANND) Note: For 4-2ANN annunciators includes the inner and outer doors.	228.99	
28 46 13 31-0522	EA	Service Replacement Part, Plastic Frame Assembly With Mounting Screws (EST4 4-2ANNFA) Note: For 4-2ANN annunciators	83.18	
28 46 13 31-0523	EA	Service Replacement Bronze Annunciator Door (EST4 4-4ANND) Note: For 4-4ANN annunciators includes the inner and outer doors.	248.34	
28 46 13 31-0524	EA	Service Replacement Part, Plastic Frame Assembly With Mounting Screws (EST4 4-4ANNFA) Note: For 4-4ANN annunciators.	118.44	
28 46 13 31-0525	EA	Service Replacement Part, Plastic Frame Assembly With Mounting Screws (EST4 4-4X2ANNFA) Note: For 4-8ANN annunciators and 4-CAB5D door assemblies.	182.84	
28 46 13 31-0526	EA	Service Replacement Bronze Annunciator Door (EST4 4-6ANND) Note: For 4-6ANN annunciators, includes the inner and outer door	277.43	
28 46 13 31-0527	EA	Service Replacement Part, Plastic Frame Assembly With Mounting Screws (EST4 4-6ANNFA) Note: For 4-6ANN annunciators.	136.85	

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28 46 13 31-0528	EA	Service Replacement Part, Plastic Frame Assembly With Mounting Screws (EST4 4-8ANNFA) Note: For 4-CAB16D and 4-CAB21D(L) door assemblies.	182.84	
28 46 13 31-0529	EA	Annunciator Central Processor Unit (CPU) (EST4 4-ANNCPU) Note: Provides mounting for up to two network controllers, one USB device port, one USB host port and one 4-ANNAUDTEL module.	720.92	98.37
28 46 13 31-0530	EA	Service Replacement Cable, 4-LCD To 4-CPU Flex Interconnect Cable (EST4 4-CABL0502) Note: For CAB5, 7, 14, 21.	117.68	
28 46 13 31-0531	EA	Service Replacement Cable, 4-LCD To 4-ANNCPU Cable (EST4 4-CABL0504) Note: For use in 4-2ANN, 4ANN, 6ANN annunciator configuration.	106.18	
28 46 13 31-0532	EA	Chassis To Door Rail Cable (EST4 4-CABL0505) Note: For 4-CAB16D, 4-CAB24D or 4-CAB24DL use when no LCD display is required.	96.34	9.84
28 46 13 31-0533	EA	Chassis To Door Rail Cable (EST4 4-CABL0507) Note: For 4-CAB8D when no LCD is required.	96.34	9.84
28 46 13 31-0534	EA	Cable, 4-LCDAUDTEL To 4-ANNCPU (EST4 4-CABL0509) Note: For 4-MPLT for CAB7, CAB14, or CAB21	104.20	9.84
28 46 13 31-0535	EA	Service Replacement Cable, 4-3LCD To 4-CPU Cable (EST4 4-CABL0541) Note: For use in 3-CAB5B, 7B, 14B, 21B, RCC series.	102.44	
28 46 13 31-0536	EA	Cable, USB 3.0 A-B, Male, Short (EST4 4-CABLUSBSM)	50.34	9.84
28 46 13 31-0537	EA	Window Replacement (EST4 4-CABWIN16/24) Note: For 4-CAB16D and 4-CAB24D doors	229.81	
28 46 13 31-0538	EA	Main Color Touchscreen LCD Display (EST4 4-LCD)	810.08	98.37
28 46 13 31-0539	EA	Power Limited Label (EST4 4-PL0457) Note: For EST3 updates.	23.88	6.55
28 46 13 31-0540		**Zone Audio Amplifiers** *(28 46 13 31-0394)*		
28 46 13 31-0541	EA	Zoned Amplifier, 20 Watt, Class A/B (EST4 3-ZA20A) Note: 20 Watt selectable for 25 or 70 Vrms Class A/B Output. Mounts in 1 LRM space. Has built in Class A/B NAC rated at 3.5 Amps. Supports one user interface module.	846.96	26.23
28 46 13 31-0542	EA	Zoned Amplifier, 20 Watt, Class B (EST4 3-ZA20B) Note: 20 Watt selectable for 25 or 70 Vrms Class B Output. Mounts in 1 LRM space. Has built in Class B NAC rated at 3.5 Amps. Supports one user interface module.	781.14	26.23
28 46 13 31-0543	EA	Zoned Amplifier, 40 Watt, Class A/B (EST4 3-ZA40A) Note: 40 Watt selectable for 25 or 70 Vrms Class A/B Output. Mounts in 1 LRM space. Has built in Class A/B NAC rated at 3.5 Amps. Supports one user interface module.	1,044.23	26.23
28 46 13 31-0544	EA	Zoned Amplifier, 40 Watt, Class B (EST4 3-ZA40B) Note: 40 Watt selectable for 25 or 70 Vrms Class B Output. Mounts in 1 LRM space. Has built in Class B NAC rated at 3.5 Amps. Supports one user interface module.	961.24	26.23
28 46 13 31-0545	EA	Zoned Amplifier, 95 Watt, Class B (EST4 3-ZA95) Note: 95 Watt selectable for 25 or 70 Vrms Class B Output. Mounts in 2 LRM spaces. Supports two user interface modules.	2,011.70	26.23
28 46 13 31-0546		**Simplex Fire Alarm** *(28 46 13 31)*		
28 46 13 31-0547		**4100 Fire Alarm Control Panel** *(28 46 13 31-0546)*		
28 46 13 31-0548	EA	4100U Master Controller Assembly With LCD And Operator Interface, 9 Amperes System Power Supply/Battery Charger (SPS), 250 Point IDNet Interface, 3 NACS, Auxiliary Relay And External RUI Communications Interface, 120 Volt AC Input (Simplex 4100-9111)	7,318.16	654.80
28 46 13 31-0549	EA	4100ES NDU With Master Controller, LCD And Operator Interface, Network Interface Module (Select Media Card Separately), 9 Amperes System Power Supply/Battery Charger, And External RUI Communications Interface (Power Supply/Battery Charger Is An SPS With Its IDNet Channel And NACs Disabled), 120 Volt AC Input (Simplex 4100-9141)	7,991.28	654.80
28 46 13 31-0550	EA	4100ES NDU With VCC Includes The First Bay Equipment Described For The NDU And A Second Bay Assembly With Separate: Master Controller For Voice Functions, Network Interface (Select Media Card Separately), And A Standard SPS With 250 Point IDNet Channel; And 3, 3 A Class A/B NACs Capable Of SmartSync Two-Wire Operation, 120 V Input (Simplex 4100-9142)	11,516.73	654.80
28 46 13 31-0551	EA	Up To 127 Points, IDNet Module, (Simplex 4100-3104) Note: Add-on module.	4,672.95	654.80
28 46 13 31-0552	EA	Up To 64 Points, IDNet Module, (Simplex 4100-3105) Note: Add-on module.	3,646.41	654.80
28 46 13 31-0553	EA	Expansion Power Supply, 3 NACs, 120 Volt AC (Simplex 4100-5101) Note: Add-on module.	2,341.90	163.70
28 46 13 31-0554	EA	Alarm Relay, 3 Form C Relays, 2 Amperes At 32 Volt DC, For SPS Or RPS (Simplex 4100-6033) Note: Add-on module.	489.95	32.74
28 46 13 31-0555	EA	Dual Port RS-232 Interface Card (Simplex 4100-6038) Note: Add-on module.	1,408.50	32.74
28 46 13 31-0556		**4100U Back Box** *(28 46 13 31-0546)*		
28 46 13 31-0557	EA	2 Bay Back Box With Glass Door And Dress Panel (Simplex 2975-9425) Note: 24" x 40" beige backbox.	2,439.93	130.96
28 46 13 31-0558	EA	3 Bay Back Box With Glass Door And Dress Panel (Simplex 2975-9443) Note: 24" x 56" beige backbox.	3,438.62	130.96
28 46 13 31-0559		**DACT (Digital Alarm Communicator Transmitter)** *(28 46 13 31-0546)*		
28 46 13 31-0560	EA	6 Zone Fire Control Communicator (Silent Knight SK-5104)	1,336.19	65.48
28 46 13 31-0561		**4010 Fire Alarm Control Panel** *(28 46 13 31-0546)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0562	EA	120 Volt AC Fire Alarm Control Panel With Door, Cabinet, Power Supply/Battery Charger, IDNet Interface, 4 NACs, 2 Programmable Auxiliary Relays, External N2 Communications Interface, And Internal Common Event Reporting DACT (Simplex 4010-9101)	6,905.48	654.80
28 46 13 31-0563	EA	240 Volt AC Fire Alarm Control Panel With Door, Cabinet, Power Supply/Battery Charger, IDNet Interface, 4 NACs, 2 Programmable Auxiliary Relays, And External N2 Communications Interface (Simplex 4010-9201)	6,700.97	654.80
28 46 13 31-0564	EA	Dual Circuit Class A NAC Adapter Module (Simplex 4010-9806)	251.36	32.74
28 46 13 31-0565	EA	Dual RS-232 Interface Module Expansion Slot Option (Simplex 4010-9811)	1,096.85	32.74
28 46 13 31-0566	EA	Single RS-232 Interface Module With Service Modem Connection Expansion Slot Option (Simplex 4010-9812)	1,508.67	32.74
28 46 13 31-0567	EA	120 Volt AC, 4 Amperes, Expansion Power Supply Expansion Module (Simplex 4010-9813)	774.33	32.74
28 46 13 31-0568	EA	240 Volt AC, 4 Amperes, Expansion Power Supply Expansion Module (Simplex 4010-9823)	838.08	32.74
28 46 13 31-0569	EA	Battery Meter Module Expansion Module (Simplex 4010-9820)	313.30	32.74
28 46 13 31-0570		**Printer** *(28 46 13 31-0546)*		
28 46 13 31-0571	EA	24 Pin Dot Matrix Printer (Simplex 4190-9013)	2,430.77	32.74
28 46 13 31-0572		**NAC Panel / Power Booster** *(28 46 13 31-0546)*		
28 46 13 31-0573	EA	120 Volt AC, IDNet NAC Extender With 4, Class B (Style Y) NACs And 8 Amperes Power Supply (Simplex 4009-9201) Note: Power supply for horns and strobes.	1,564.19	163.70
28 46 13 31-0574		**Battery** *(28 46 13 31-0546)*		
28 46 13 31-0575	EA	50 Ampere Hours Sealed Lead Acid Battery (Simplex 2081-9296) Note: Two required for 24 volt DC.	981.91	32.74
28 46 13 31-0576	EA	33 Ampere Hours Sealed Lead Acid Battery (Simplex 2081-9276) Note: Two required for 24 volt DC.	651.66	32.74
28 46 13 31-0577	EA	6.2 Ampere Hours Sealed Lead Acid Battery (Simplex 2081-9272) Note: Two required for 24 volt DC.	233.36	32.74
28 46 13 31-0578		**Interface Modules** *(28 46 13 31-0546)*		
28 46 13 31-0579	EA	Supervised Individual Addressable Modules (Simplex 4090-9001) Note: Monitor modules for waterflow / tamper, etc.	187.98	32.74
28 46 13 31-0580	EA	Relay Individual Addressable Modules (Simplex 4090-9002) Note: Control modules for gas shutdown, door holders, etc.	391.83	32.74
28 46 13 31-0581	EA	Relay SPDT With LED MR-801/T (Simplex 2088-9032) Note: Interface relay for 120VAC	91.94	32.74
28 46 13 31-0582	EA	SmartSync™ Adapter Module For Non-Addressable Notification Appliance Circuits (NACs) (Simplex 4905-9815)	190.22	32.74
28 46 13 31-0583	EA	Surface Mount Cover Plate For SmartSync Adapter Module (Simplex 4905-9817)	84.53	16.37
28 46 13 31-0584	EA	Flush Mount Cover Plate For SmartSync Adapter Module (Simplex 4905-9818)	80.21	16.37
28 46 13 31-0585		**Pull Stations** *(28 46 13 31-0546)*		
28 46 13 31-0586	EA	Addressable Single Action Manual Pull Station (Simplex 4099-9001)	231.71	32.74
28 46 13 31-0587	EA	N.O. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9101)	164.76	32.74
28 46 13 31-0588	EA	N.C. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9102)	177.70	32.74
28 46 13 31-0589	EA	Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9103)	158.93	32.74
28 46 13 31-0590	EA	N.O. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9104)	186.34	32.74
28 46 13 31-0591	EA	N.C. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9105)	284.83	32.74
28 46 13 31-0592	EA	Single Action, Pre-Signal, N.O. Contacts, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9107)	238.13	32.74
28 46 13 31-0593	EA	Break-Glass, Pre-Signal, N.O. Contacts, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9108)	281.29	32.74
28 46 13 31-0594	EA	Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9754)	128.79	32.74
28 46 13 31-0595	EA	Local Alarm Cover, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9755)	136.69	32.74
28 46 13 31-0596	EA	Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9756)	162.13	32.74
28 46 13 31-0597	EA	N.C. Contacts, Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9758)	254.58	32.74
28 46 13 31-0598	EA	Pre-Signal, N.O. Contacts, Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9759)	443.66	32.74
28 46 13 31-0599	EA	Institutional Cover, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9762)	143.18	32.74
28 46 13 31-0600	EA	Surface Mount Steel Box For Manual Pull Station (Simplex 2975-9178)	88.86	16.37
28 46 13 31-0601		**Weatherproof Pull Stations** *(28 46 13 31-0546)*		
28 46 13 31-0602	EA	Weather Proof Single Action Pull Station, Cast Metal, B Lock, SPST (Simplex 2099-9138)	225.36	39.29
28 46 13 31-0603	EA	Surface Mount Cast Aluminum Box For Exterior Pull Station (Simplex 2975-9211)	146.20	16.37
28 46 13 31-0604		**Heat / Smoke Sensor** *(28 46 13 31-0546)*		
28 46 13 31-0605	EA	32 To 122 Degree F Heat Sensor (Simplex 4098-9733)	225.37	49.11
28 46 13 31-0606	EA	Photoelectric Smoke Sensor (Simplex 4098-9714)	331.32	49.11
28 46 13 31-0607	EA	Sensor Base With Relay Driver (Simplex 4098-9791)	656.37	16.37
28 46 13 31-0608	EA	Standard Sensor Base (Simplex 4098-9792)	332.47	16.37
28 46 13 31-0609	EA	Remote Supervised Relay Accessory For Sensor Base With Relay Driver (Simplex 2098-9737) Note: Relay for 4098-9791	188.77	32.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0610		**Explosion Proof Heat Detector** *(28 46 13 31-0546)*		
28 46 13 31-0611	EA	135 Degree F Explosion Proof Heat Detector (Simplex 2098-9488)	238.92	49.11
28 46 13 31-0612	EA	Explosion Proof Back Box (Killark JLX-21)	157.94	16.37
28 46 13 31-0613	EA	Explosion Proof Back Box Plugs (Killark CUP-2)	14.19	3.28
28 46 13 31-0614		**Weatherproof Heat Detector** *(28 46 13 31-0546)*		
28 46 13 31-0615	EA	194 Degree F Fixed Hardwired Weatherproof Heat Detector (Simplex 2098-9490)	170.84	49.11
28 46 13 31-0616		**200 Degree F Heat Detector** *(28 46 13 31-0546)*		
28 46 13 31-0617	EA	194 Degree F Heat Detector, ROR/Fixed Temperature (Simplex 5604) Note: Used in kiln rooms and kitchens.	140.41	49.11
28 46 13 31-0618		**Duct Smoke Sensor** *(28 46 13 31-0546)*		
28 46 13 31-0619	EA	Duct Sensor Housing (Simplex 4098-9755)	528.99	26.19
28 46 13 31-0620	EA	Duct Sensor Housing With Supervised Output For Multiple Remote Relays, 4-Wire (Simplex 4098-9756) Note: Relay output for AHU shutdown.	710.24	58.93
28 46 13 31-0621	EA	46" To 71" Duct Sampling Tube (Simplex 2098-9798) Note: 25", 49", 73" or 97" sampling tube length.	77.76	16.37
28 46 13 31-0622	EA	Remote Duct Test Station With Key Switch And Red LED Status Indicator (Simplex 2098-9806)	183.68	49.11
28 46 13 31-0623		**Interior Horn** *(28 46 13 31-0546)*		
28 46 13 31-0624	EA	Red With White FIRE Lettering, TrueAlert Addressable Electronic Horn (Simplex 4901-9850)	169.52	49.11
28 46 13 31-0625	EA	White With Red FIRE Lettering, TrueAlert Addressable Electronic Horn (Simplex 4901-9853)	169.52	49.11
28 46 13 31-0626		**Interior Horn Strobe** *(28 46 13 31-0546)*		
28 46 13 31-0627	EA	75Cd, Wall Mounted Horn Strobe, Red (Simplex 4903-9426)	236.85	49.11
28 46 13 31-0628	EA	110Cd, Wall Mounted Horn Strobe, Red (Simplex 4903-9427)	236.85	49.11
28 46 13 31-0629	EA	Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9127)	221.49	49.11
28 46 13 31-0630	EA	Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9128)	221.49	49.11
28 46 13 31-0631	EA	Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9129)	221.49	49.11
28 46 13 31-0632	EA	Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9130)	221.49	49.11
28 46 13 31-0633	EA	Weatherproof, Red Housing, White Lettering, Horn And Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9131)	226.64	49.11
28 46 13 31-0634	EA	Weatherproof, White Housing, Red Lettering, Horn And Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9132)	226.64	49.11
28 46 13 31-0635	EA	Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9139)	235.69	49.11
28 46 13 31-0636	EA	Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9140)	231.52	49.11
28 46 13 31-0637	EA	Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9141)	235.69	49.11
28 46 13 31-0638	EA	Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9142)	231.52	49.11
28 46 13 31-0639	EA	Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9227)	221.49	49.11
28 46 13 31-0640	EA	Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9228)	221.49	49.11
28 46 13 31-0641	EA	Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9229)	221.49	49.11
28 46 13 31-0642	EA	Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9230)	221.49	49.11
28 46 13 31-0643		**Interior Strobe** *(28 46 13 31-0546)*		
28 46 13 31-0644	EA	Wall Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9101)	188.86	49.11
28 46 13 31-0645	EA	Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9102)	188.86	49.11
28 46 13 31-0646	EA	Wall Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9103)	188.79	49.11
28 46 13 31-0647	EA	Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9104)	188.86	49.11
28 46 13 31-0648	EA	Weatherproof, Red Housing, White Lettering, Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9105)	208.37	49.11
28 46 13 31-0649	EA	Weatherproof, White Housing, Red Lettering, Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9106)	208.37	49.11
28 46 13 31-0650	EA	Wall Mount, Red Housing, White Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9109)	209.62	49.11
28 46 13 31-0651	EA	Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9110)	213.02	49.11
28 46 13 31-0652	EA	Wall Mount, White Housing, Red Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9111)	213.02	49.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0653	EA	Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9112)	213.02	49.11
28 46 13 31-0654	EA	Wall Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9201)	188.86	49.11
28 46 13 31-0655	EA	Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9202)	188.86	49.11
28 46 13 31-0656	EA	Wall Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9203)	188.86	49.11
28 46 13 31-0657	EA	Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9204)	188.86	49.11
28 46 13 31-0658		**Interior Speakers** *(28 46 13 31-0546)*		
28 46 13 31-0659	EA	Red With White FIRE Lettering, Wall Mount Speaker, Rectangular Housing (Simplex 4902-9716)	153.00	49.11
28 46 13 31-0660	EA	White With Red FIRE Lettering, Wall Mount Speaker, Rectangular Housing (Simplex 4902-9717)	153.00	49.11
28 46 13 31-0661	EA	Ceiling Or Wall Mount, Round Housing Speaker (Simplex 4902-9721)	153.00	49.11
28 46 13 31-0662		**Interior Speaker Strobe** *(28 46 13 31-0546)*		
28 46 13 31-0663	EA	Red Housing, White Lettering, Multi-Tapped Speaker And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9151)	252.06	49.11
28 46 13 31-0664	EA	White Housing, Red Lettering, Multi-Tapped Speaker And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9153)	252.06	49.11
28 46 13 31-0665		**Surge Suppressors** *(28 46 13 31-0546)*		
28 46 13 31-0666	EA	Overvoltage Suppressor (Simplex 2081-9044)	164.94	9.82
28 46 13 31-0667	EA	Isolated Loop Circuit Protector (Simplex 2081-9028)	105.15	9.82
28 46 13 31-0668	EA	120 Volt AC, 20 Amperes, Multi Stage Hybrid Surge Protector With EMI/RFI Filtering (Ditek 120S20A)	354.43	9.82
28 46 13 31-0669	EA	24 Volt AC, Data And Loop Circuit Surge Protector (Ditek DTK-2MHLP24B)	120.56	9.82
28 46 13 31-0670	EA	Mounting Base For Two DTK-2MHLP (Ditek DTK-2MB)	181.53	16.37
28 46 13 31-0671	EA	120 Volt AC, 22,500 Amperes, Equipment Panel/Dedicated Circuit Surge Protector (Ditek DTK-120HW)	123.62	9.82
28 46 13 31-0672	EA	<105 Volt AC, 9,000 Amperes, RJ31 Connection, Alarm Dialer Surge Protection (Ditek DTK-MRJ31SCWP)	92.80	9.82
28 46 13 31-0673		**Boxes And Adapters** *(28 46 13 31-0546)*		
28 46 13 31-0674	EA	Semi-Flush Mount Modular Adapter Using Standard 4" Square Electrical Box (Simplex 4905-9921)	80.21	16.37
28 46 13 31-0675	EA	Surface Mount Modular Adapter Using Simplex Box (Simplex 4905-9925)	75.90	16.37
28 46 13 31-0676	EA	Red, Surface Mount Adapter Skirt (Simplex 4905-9937)	67.44	16.37
28 46 13 31-0677	EA	White, Surface Mount Adapter Skirt (Simplex 4905-9940)	55.43	16.37
28 46 13 31-0678		**Accessories** *(28 46 13 31-0546)*		
28 46 13 31-0679	EA	End-Of-Line Resistor Harness, 10 k Ohms, 1/2 Watt, Two Required, One Each For Audible And Visible Output (Simplex 4081-9008)	37.76	16.37
28 46 13 31-0680		**Siemens Fire Alarm** *(28 46 13 31)*		
28 46 13 31-0681		**Conventional Control Panels** *(28 46 13 31-0680)*		
28 46 13 31-0682		**SXL Batteries And Power Supplies** *(28 46 13 31-0681)*		
28 46 13 31-0683	EA	6 Amperes Notification Appliance Circuit Expander With Built-In Auxiliary Power Output (Siemens PAD-3)	1,395.71	65.48
28 46 13 31-0684	EA	Main Board Only For PAD-3 (Siemens PAD-3-MB)	1,122.92	65.48
28 46 13 31-0685		**Digital Fire Communicators** *(28 46 13 31-0681)*		
28 46 13 31-0686	EA	Four Channel Digital Slave Fire Communicator (Siemens 5129)	1,086.96	65.48
28 46 13 31-0687		**Addressable Control Panels** *(28 46 13 31-0680)*		
28 46 13 31-0688		**Fireseeker Equipment** *(28 46 13 31-0687)*		
28 46 13 31-0689		**FS-250 System Panels** *(28 46 13 31-0688)*		
28 46 13 31-0690	EA	FS-250 Electronics Package Including One FS-250-CON And Two FS-NPE, Excludes Enclosure (Siemens FS-250-EKIT) Note: FS-250-CON is an electronics package for releasing water or agent. FS-NPE is a system transformer.	3,313.37	654.80
28 46 13 31-0691	EA	FS-250 Electronics Package Including One FS-250-CON, Two FS-NPE, One FS-RPT And One FS-REL, Excludes Enclosure (Siemens FS-250-REL-EKIT) Note: FS-250-CON is an electronics package for releasing water or agent. FS-NPE is a system transformer. FS-RPT is a releasing power transformer. FS-REL is a Releasing Module.	4,146.62	654.80
28 46 13 31-0692	EA	FS-250-SRX Releasing Electronics Package Including One FS-250-CON2-SRX, Two FS-NPE, One FS-RPT And One FS-REL, Excludes Enclosure (Siemens FS-250-SRX-EKIT) Note: FS-250-CON2-SRX is an electronics package for releasing water or agent. FS-NPE is a system transformer. FS-RPT is a releasing power transformer. FS-REL is a Releasing Module.	2,461.22	523.84
28 46 13 31-0693	EA	Electronics Package For Releasing Water Or Agent (Siemens FS-250-CON)	3,318.33	654.80
28 46 13 31-0694		**FS-250 Optional Modules** *(28 46 13 31-0688)*		
28 46 13 31-0695	EA	Main Board Module (Siemens FS-MB2)	1,405.63	65.48
28 46 13 31-0696	EA	Display Board Module (Siemens FS-DB2)	1,097.12	32.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0697	EA	Device Loop Card (Siemens FS-DLC)	898.73	32.74
28 46 13 31-0698	EA	Releasing Module (Siemens FS-REL)	397.79	32.74
28 46 13 31-0699	EA	Remote LCD Annunciator (Siemens FS-RD2)	892.53	32.74
28 46 13 31-0700	EA	Relay Processor Card (Siemens FS-RU2)	774.73	32.74
28 46 13 31-0701	EA	Relay Expander Board (Siemens FS-RE8)	660.66	32.74
28 46 13 31-0702	EA	Serial Annunciator Processor Card (Siemens FS-SAU2)	892.53	32.74
28 46 13 31-0703	EA	16 Output Annunciator Extender (Siemens FS-SAE16)	695.37	32.74
28 46 13 31-0704	EA	Digital Alarm Communication Transmitter (Siemens FS-DACT)	632.14	32.74
28 46 13 31-0705	EA	Municipal Tie Module (Siemens FS-MT)	536.66	32.74
28 46 13 31-0706	EA	Configuration Tool Including Laptop To FS-250 Cable And Software (Siemens FS-CT2)	486.83	
28 46 13 31-0707	EA	Programming Cable Kit (Siemens CBL-UD)	128.22	16.37
28 46 13 31-0708	EA	Notification Appliance Circuit Power Expander Transformer (Siemens FS-NPE)	230.39	32.74
28 46 13 31-0709	EA	Releasing Power Transformer (Siemens FS-RPT-A)	234.11	32.74
28 46 13 31-0710	EA	Surface Mounted Box For Remote LCD Annunciator (Siemens FS-RD-SB)	265.66	26.19
28 46 13 31-0711	EA	Cabinet Trim Kit (Siemens RD-CAB-TK)	434.48	16.37

28 46 13 31-0712 Firefinder Systems *(28 46 13 31-0687)*

28 46 13 31-0713 XLS Basic Fire System Packages Without Back Box *(28 46 13 31-0712)*

28 46 13 31-0714	EA	500 Point Firefinder Package Including Two DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-500-ID-SP) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.	11,736.56	654.80
28 46 13 31-0715	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-250-ID-SP) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.	10,320.54	654.80
28 46 13 31-0716	EA	250 Point Firefinder Package Including One DLC, One PMI-INT, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-250-INT-ID-SP) Note: DLC is a device loop card. PMI-INT is a person machine interface with multilingual overlays. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.	10,320.54	654.80
28 46 13 31-0717	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12, One CAB2-BD And One OD-LP (Siemens XLS-250-CAB2-BD) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. CAB2-BD is a two row inner and outer door set. OD-LP is an outer door clear plastic lens plate.	17,358.50	654.80
28 46 13 31-0718	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12, One CAB3-BD, One BCL, One ID-SP And One OD-LP (Siemens XLS-250-CAB3-BD) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. CAB3-BD is a three row inner and outer door set. ID-SP is an inner door blank single plate. OD-LP is an outer door clear plastic lens plate.	17,946.23	654.80
28 46 13 31-0719	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC4A-EP) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.	10,177.95	654.80
28 46 13 31-0720	EA	250 Point Firefinder Package Including One DLC, One PMI-INT, One ZIC-4A, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC4A-INT-EP) Note: DLC is a device loop card. PMI-INT is a person machine interface with multilingual overlays. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.	10,177.95	654.80
28 46 13 31-0721	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-8B, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC8B-EP) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-8B is an eight circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.	11,834.52	654.80

28 46 13 31-0722 Firefinder - XLS Basic System Equipment *(28 46 13 31-0712)*

28 46 13 31-0723	EA	Person Machine Interface With Central Processor (Siemens PMI) Note: Includes inner door.	5,442.36	654.80
28 46 13 31-0724	EA	Person Machine Interface With Central Processor, DE-2 And DPU (Siemens PMI-DPU-ENC) Note: Includes inner door.	9,101.46	654.80
28 46 13 31-0725	EA	Person Machine Interface With Multilingual Overlays And Central Processor (Siemens PMI-INT) Note: Includes inner door.	5,442.36	654.80
28 46 13 31-0726	EA	Two Slot Card Cage (Siemens CC-2)	680.50	32.74
28 46 13 31-0727	EA	Five Slot Card Cage (Siemens CC-5)	1,152.92	32.74
28 46 13 31-0728	EA	Four Circuit Zone Indicating Card (Siemens ZIC-4A)	1,648.90	32.74
28 46 13 31-0729	EA	Eight Circuit Zone Indicating Card (Siemens ZIC-8B)	1,722.05	32.74
28 46 13 31-0730	EA	Two Channel Adapter Card For ZIC-8B (Siemens ZIC-2C)	541.62	32.74
28 46 13 31-0731	EA	Device Loop Card (Siemens DLC) Note: Interfaces with up to 252 detectors and devices.	1,955.16	32.74
28 46 13 31-0732	EA	Controllable Relay Card (Siemens CRC-6) Note: Provides six programmable relays.	1,105.80	32.74
28 46 13 31-0733	EA	12 Amperes Power Supply Charger Module (Siemens PSC-12)	4,198.23	32.74
28 46 13 31-0734	EA	Person Machine Interface With Central Processor And GPMI-UK Software Upgrade Kit (Siemens GPMI) Note: Software kit provides interface with multiple FireFinder XLS and MXL systems.	7,096.46	654.80
28 46 13 31-0735	EA	Network Interface Card (Siemens NIC-C) Note: Provides HNET Or XNET communication between enclosures.	1,294.27	32.74
28 46 13 31-0736	EA	12 Amperes Power Supply Extender (Siemens PSX-12) Note: Extends PSC-12 with an additional 24 volt DC.	3,491.46	32.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0737	EA	Power Termination Board (Siemens PTB) Note: Used with systems requiring more than one PSX-12.	586.26	32.74
28 46 13 31-0738	EA	Conventional Detector Card (Siemens CDC-4)	1,247.15	32.74
28 46 13 31-0739	EA	Multi-Mode Network Fiber Optic Interface Module (Siemens D2300CPS)	2,446.18	32.74
28 46 13 31-0740	EA	Single-Mode Network Fiber Optic Interface Module (Siemens D2325CPS)	8,804.65	32.74
28 46 13 31-0741		**Remote Lobby Enclosure** *(28 46 13 31-0712)*		
28 46 13 31-0742	EA	14-1/2" x 18-1/2" x 5" Two Module Remote Enclosure (Siemens REMBOX2) Note: Flush mounted. Includes clear lens plate on cover.	1,609.75	130.96
28 46 13 31-0743	EA	24" x 18-1/2" x 5" Four Module Remote Enclosure (Siemens REMBOX4) Note: Flush mounted. Includes clear lens plate on cover.	2,080.93	130.96
28 46 13 31-0744	EA	Optional Mounting Plate For REMBOX2 (Siemens REMBOX2-MP) Note: Required to mount up to four SIM-16 or OCM-16 modules.	255.19	32.74
28 46 13 31-0745	EA	Optional Mounting Plate For REMBOX4 (Siemens REMBOX4-MP) Note: Required to mount up to eight SIM-16 or OCM-16 modules.	278.75	32.74
28 46 13 31-0746		**Battery Enclosures** *(28 46 13 31-0712)*		
28 46 13 31-0747	EA	Enclosure For 100 Ampere Hours Batteries (Siemens CAB-BATT)	994.73	130.96
28 46 13 31-0748		**Graphic Annunciator Output Drivers And Inputs** *(28 46 13 31-0712)*		
28 46 13 31-0749	EA	Output Control Module (Siemens OCM-16)	798.29	32.74
28 46 13 31-0750	EA	Supervised Input Module (Siemens SIM-16)	798.29	32.74
28 46 13 31-0751		**Remote LCD Displays** *(28 46 13 31-0712)*		
28 46 13 31-0752	EA	Remote LED/LCD System Status Display (Siemens SSD) Note: No control or menu capability.	1,849.29	98.22
28 46 13 31-0753	EA	Remote LED/LCD System Status Display, Buttons To Acknowledge Events, Silence Audible Circuits And Resetting (Siemens SSD-C)	2,086.12	98.22
28 46 13 31-0754		**Voice Equipment** *(28 46 13 31-0712)*		
28 46 13 31-0755	EA	40 Watts Zone Amplifier Card (Siemens ZAC-40)	1,841.09	32.74
28 46 13 31-0756	EA	180 Watts Zone Amplifier Module (Siemens ZAM-180)	4,081.68	32.74
28 46 13 31-0757	EA	Live Voice Module (Siemens LVM) Note: Includes a dynamic microphone with a push-to-talk switch and ready-to-page indicator light, as well as a small local speaker and volume control for monitoring audio signals.	1,718.33	32.74
28 46 13 31-0758		**MXL Series Equipment** *(28 46 13 31-0687)*		
28 46 13 31-0759		**MXL Optional Equipment** *(28 46 13 31-0758)*		
28 46 13 31-0760	EA	Two Circuit Analog Loop Driver (Siemens ALD-2I)	1,980.97	65.48
28 46 13 31-0761	EA	CXL/MXL Interface Module (Siemens CMI-300)	5,124.48	32.74
28 46 13 31-0762	EA	Four Relay Programmable Relay Module (Siemens CRM-4)	878.89	32.74
28 46 13 31-0763	EA	Two Circuit Controllable Signal/Releasing Module (Siemens CSM-4)	1,061.16	32.74
28 46 13 31-0764	EA	Remote Conventional Zone Module (Siemens CZM-1B6)	399.03	32.74
28 46 13 31-0765	EA	Short Circuit Line Isolator Module (Siemens Model LIM-1)	246.51	32.74
28 46 13 31-0766	EA	Four Circuit Conventional Zone Module (Siemens CZM-4)	1,032.64	32.74
28 46 13 31-0767	EA	12" x 16" x 3" Enclosure For PAD-3 (Siemens EN-PAD)	371.01	49.11
28 46 13 31-0768	EA	Lexan Window For RCC (Siemens GENBOX-WD)	252.02	26.19
28 46 13 31-0769	EA	Input Driver Module (Siemens MID-16)	676.78	32.74
28 46 13 31-0770	EA	Programmable Output Driver Module (Siemens MOD-16)	676.78	32.74
28 46 13 31-0771	EA	MXL Output/Input Module (Siemens MOI-7)	1,083.48	32.74
28 46 13 31-0772	EA	Two Slot Network Option Module Card Cage (Siemens MOM-2)	576.34	32.74
28 46 13 31-0773	EA	Four Slot Network Option Module Card Cage (Siemens MOM-4)	907.41	32.74
28 46 13 31-0774	EA	12 Amperes, 220 Volt AC, Power Supply For MXL (Siemens MPS-12/220)	2,231.20	98.22
28 46 13 31-0775	EA	12 Amperes, 240 Volt AC, Power Supply For MXL (Siemens MPS-12/240)	2,231.20	98.22
28 46 13 31-0776	EA	Network Interface Module (Siemens NIM-1W)	1,616.66	32.74
28 46 13 31-0777	EA	U.L. Listed Parallel Printer (Siemens PAL-1)	4,229.76	130.96
28 46 13 31-0778	EA	Peripheral Interface Module, Model PIM-1 (Siemens 500-691324)	473.42	32.74
28 46 13 31-0779	EA	Surface Mounted Remote Command Center (Siemens RCC-1)	4,614.08	654.80
28 46 13 31-0780	EA	Enclosure And Door With Lens For RCC-1 (Siemens RCC-1DL)	568.66	65.48
28 46 13 31-0781	EA	Flush Mounted Remote Command Center (Siemens RCC-1F)	4,614.08	654.80
28 46 13 31-0782	EA	Enclosure And Door With Lens For RCC-1F (Siemens RCC-1FDL)	583.54	65.48
28 46 13 31-0783	EA	Remote Control Center With System Control Functions And Sequential Event Display (Siemens RCC-2)	3,541.52	654.80
28 46 13 31-0784	EA	MXL/MXLV Remote Annunciator/Keyboard With Enhanced Display (Siemens RCC-3)	5,313.41	654.80
28 46 13 31-0785	EA	RCC-2/RSE-1 Trim Ring (Siemens RCF-1)	88.54	16.37
28 46 13 31-0786	EA	Remote Diagnostics Module For MXL (Siemens RDM-MXL)	6,578.70	65.48
28 46 13 31-0787	EA	Remote Diagnostics Module For PC (Siemens RDM-PC)	14,014.68	65.48
28 46 13 31-0788	EA	Releasing End Of Line Module (Siemens REL-EOL)	200.63	32.74
28 46 13 31-0789	EA	36 Zone Tabular Graphic Annunciator With Restart System Key (Siemens RSA-MBSC)	4,194.28	65.48
28 46 13 31-0790	EA	36 Zone Tabular Graphic Annunciator (Siemens RSA-MBTL)	4,004.56	65.48
28 46 13 31-0791	EA	8-3/8" x 6-1/4" Remote Control Enclosure (Siemens RSE-1)	2,123.08	130.96
28 46 13 31-0792		**Complete MXL And MXLV System Packages Without Enclosure** *(28 46 13 31-0758)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0793	EA	MXL System Electronics Package Including One MMB-3, One Display/Control Keyboard, One MDL-1, One MKB-2, One Mps-6, One MOM-2, One ALD-2I And One PIM-1 (Siemens MXL-SS-EP) Note: MMB-3 is a MXL/MXLV main control board. MDL-1 is a clear lens. MKB-2 is a MXL/MXLV display/keyboard module with hinged frame. MPS-6 is a 6 Amp power supply for MXL. MOM-2 is a two slot network option module card cage. ALD-2I is a two circuit analog loop driver. PIM-1 is a peripheral interface module.	15,326.22	654.80
28 46 13 31-0794	EA	MXL Voice System Electronics Package Including One MMB-3, One MKB-2, One MPS-6, One ACM-1, One TBM-2, One MMM-1, One OMM-2, One ZAC-30, One OCC-1, One MHD-5, One VSM-1 And Four VSB-1 (Siemens MXLV-SS-EP) Note: MMB-3 is a MXL/MXLV main control board. MKB-2 is a MXL/MXLV display/keyboard module with hinged frame. MPS-6 is a 6 Amp power supply for MXL. ACM-1 is an audio control module. TBM-2 is a voice terminal module. MMM-1 is a master microphone module. OMM-2 is a two half width slot card cage. ZAC-30 is a MXLV zone amplifier card. OCC-1 is a MXLV output control card. MHD-5 is a deadfront panel for MSE-2 backbox. VSM-1 is an eight switch module. VSB-1 is a module blank with overlay.	19,973.55	654.80
28 46 13 31-0795	EA	MXLV Demonstration Panel (Siemens MXLV DEMO)	41,677.63	654.80
28 46 13 31-0796		**MXL Basic System** *(28 46 13 31-0758)*		
28 46 13 31-0797	EA	MXL/MXLV Main Control Board (Siemens MMB-3)	9,478.61	654.80
28 46 13 31-0798	EA	MXL System Electronics Package Including One MMB-3, One DE-2 And One DPU (Siemens MMB-DPU-ENCL) Note: MMB-3 is a MXL/MXLV main control board. DE-2 is an enclosure for document storage. DPU is a handheld device programming and testing unit.	12,254.86	654.80
28 46 13 31-0799	EA	MXL/MXLV Display/Keyboard Module With Hinged Frame (Siemens MKB-2)	3,537.10	65.48
28 46 13 31-0800	EA	MXL/MXLV Keyboard With Enhanced Display With Hinged Frame (Siemens MKB-5)	4,432.35	65.48
28 46 13 31-0801	EA	6 Amperes Power Supply For MXL (Siemens MPS-6)	1,535.59	98.22
28 46 13 31-0802	EA	220/240 Volt AC Adapter Cable (Siemens CIA-12)	113.34	16.37
28 46 13 31-0803		**MXL/MXLR System Expansion Accessories** *(28 46 13 31-0758)*		
28 46 13 31-0804	EA	MXL Remote Power Supply Module (Siemens PSR-1)	1,886.49	98.22
28 46 13 31-0805	EA	Style 4 Communication Module (Siemens NET-4)	386.63	32.74
28 46 13 31-0806	EA	Style 7 Communication Module (Siemens NET-7)	705.29	32.74
28 46 13 31-0807	EA	MXL/MXL-IQ/MXLV Intelligent Control Point, B6 Chip (Siemens ICP-B6)	422.59	32.74
28 46 13 31-0808		**Peripheral Devices** *(28 46 13 31-0687)*		
28 46 13 31-0809		**Thermal Detectors** *(28 46 13 31-0808)*		
28 46 13 31-0810	EA	Rate Of Rise And 135 Degree F Fixed Temperature Thermal Detector (Siemens DT-135R)	158.98	49.11
28 46 13 31-0811	EA	Rate Of Rise And 200 Degree F Fixed Temperature Thermal Detector (Siemens DT-200R)	158.98	49.11
28 46 13 31-0812	EA	135 Degree F Fixed Temperature Thermal Detector (Siemens DT-135F)	158.98	49.11
28 46 13 31-0813	EA	200 Degree F Fixed Temperature Thermal Detector (Siemens DT-200F)	158.98	49.11
28 46 13 31-0814	EA	Weatherproof 135 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-135WP)	251.97	49.11
28 46 13 31-0815	EA	Weatherproof 200 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-200WP)	251.97	49.11
28 46 13 31-0816	EA	Explosion Proof 190 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-190EP)	627.68	49.11
28 46 13 31-0817		**Beam Smoke Detector** *(28 46 13 31-0808)*		
28 46 13 31-0818	EA	Linear Beam Smoke Detector (Siemens PBA-1191)	2,981.22	49.11
28 46 13 31-0819	EA	Base For Linear Beam Smoke Detector (Siemens PBB-1191)	340.25	16.37
28 46 13 31-0820	EA	20cm x 20cm Flat Reflector For Linear Beam Smoke Detector (Siemens PBR-1192)	343.97	16.37
28 46 13 31-0821	EA	10cm x 10cm Flat Reflector For Linear Beam Smoke Detector (Siemens PBR-1193)	175.33	16.37
28 46 13 31-0822		**Bases For Detectors** *(28 46 13 31-0808)*		
28 46 13 31-0823	EA	Detector Base (Siemens DB-11)	51.34	16.37
28 46 13 31-0824	EA	Universal Base (Siemens DB-3S)	47.62	16.37
28 46 13 31-0825		**Manual Stations** *(28 46 13 31-0808)*		
28 46 13 31-0826	EA	Weatherproof Metal Manual Pull Station With Key (Siemens MSM-K-WP)	374.93	39.29
28 46 13 31-0827		**Addressable Devices** *(28 46 13 31-0687)*		
28 46 13 31-0828		**Intelligent Detectors And Devices For Firefinder XLS And FS-250** *(28 46 13 31-0827)*		
28 46 13 31-0829	EA	Addressable Fireprint Fire Detector (Siemens HFP-11)	311.49	49.11
28 46 13 31-0830	EA	Addressable Thermal Fire Detector (Siemens HFPT-11)	268.09	49.11
28 46 13 31-0831	EA	Relay Base For H-Series Intelligent Detectors (Siemens DB-HR)	217.26	49.11
28 46 13 31-0832	EA	Ceiling Mounted Remote Alarm Indicator (Siemens RL-HC)	144.10	49.11
28 46 13 31-0833	EA	Wall Mounted Remote Alarm Indicator (Siemens RL-HW)	144.10	49.11
28 46 13 31-0834	EA	Addressable Single Action Manual Pull Station (Siemens HMS-S)	327.11	32.74
28 46 13 31-0835	EA	Addressable Double Action Manual Pull Station (Siemens HMS-D)	312.23	32.74
28 46 13 31-0836	EA	Single Input Intelligent Initiating Devices Interface Module (Siemens HTRI-S)	246.51	32.74
28 46 13 31-0837	EA	Dual Input Intelligent Initiating Devices Interface Module (Siemens HTRI-D)	302.31	32.74
28 46 13 31-0838	EA	Single Input Intelligent Initiating Devices Interface Module With Relay (Siemens HTRI-R)	302.31	32.74
28 46 13 31-0839	EA	Mini Single Input Intelligent Initiating Devices Interface Module (Siemens HTRI-M)	227.91	32.74
28 46 13 31-0840	EA	Line Isolator Module (Siemens HLIM)	235.35	32.74
28 46 13 31-0841	EA	Remote Convention Zone Module (Siemens HZM)	349.43	32.74
28 46 13 31-0842	EA	Intelligent Control Point Module (Siemens HCP)	443.66	32.74
28 46 13 31-0843	EA	Handheld Programming And Testing Unit (Siemens DPU)	1,967.06	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0844	EA	DPU Carrying Case (Siemens DPU-C1)	302.35	
28 46 13 31-0845	EA	Label Printer And Carrying Case (Siemens DPU-PRT)	3,368.71	32.74
28 46 13 31-0846		**Air Duct Housings And Detectors** *(28 46 13 31-0827)*		
28 46 13 31-0847	EA	Air-Duct Housing (Siemens AD2-P)	358.66	26.19
28 46 13 31-0848	EA	Air-Duct Housing With Relay (Siemens AD2-XHR)	405.78	26.19
28 46 13 31-0849	EA	Weatherproof Enclosure For Duct Housing (Siemens WP-2000)	324.63	32.74
28 46 13 31-0850	EA	6" To 1' Duct Sampling Tube (Siemens ST-10)	44.44	9.82
28 46 13 31-0851	EA	>1' To 3' Duct Sampling Tube (Siemens ST-25)	54.71	13.10
28 46 13 31-0852	EA	>3' To 5' Duct Sampling Tube (Siemens ST-50)	68.70	16.37
28 46 13 31-0853	EA	>5' To 10' Duct Sampling Tube (Siemens ST-100)	80.21	19.64
28 46 13 31-0854		**Intelligent Initiating Devices For MXL, MXL-LQ And MXLV** *(28 46 13 31-0827)*		
28 46 13 31-0855	EA	Addressable Fireprint Fire Detector (Siemens FP-11)	325.13	49.11
28 46 13 31-0856	EA	Addressable Thermal Fire Detector (Siemens FPT-11)	279.25	49.11
28 46 13 31-0857	EA	Intelligent Ionization Smoke Detector (Siemens ILI-1)	359.85	49.11
28 46 13 31-0858	EA	Addressable Single Action Manual Pull Station (Siemens MSI-10B)	318.43	32.74
28 46 13 31-0859	EA	Addressable Double Action Manual Pull Station (Siemens MSI-20B)	351.91	32.74
28 46 13 31-0860	EA	Single Input Intelligent Initiating Devices Interface Module (Siemens TRI-S)	322.15	32.74
28 46 13 31-0861	EA	Dual Input Intelligent Initiating Devices Interface Module (Siemens TRI-D)	356.87	32.74
28 46 13 31-0862	EA	Single Input Intelligent Initiating Devices Interface Module With Relay (Siemens TRI-R)	356.87	32.74
28 46 13 31-0863		**Detector Universal Bases** *(28 46 13 31-0827)*		
28 46 13 31-0864	EA	Detector Base With Relay (Siemens DB-X11RS)	150.54	16.37
28 46 13 31-0865	EA	PE-11 To DB-3 Base Adapter (Siemens DB-ADPT)	76.14	16.37
28 46 13 31-0866	EA	Locking Kit (Siemens LK-11)	14.09	
28 46 13 31-0867	EA	Detector Base With Relay (Siemens DB-X3RS)	150.54	16.37
28 46 13 31-0868	EA	Audible Base For Addressable Fireprint Fire Detector (Siemens ADBX-11)	175.33	16.37
28 46 13 31-0869	EA	Retrofit Adapter Box For Audible Bases Ionization Detector Air Duct (Siemens ADB-BOX)	72.42	16.37
28 46 13 31-0870	EA	Flush Trim Ring For Bases (Siemens RA-ADB)	34.52	9.82
28 46 13 31-0871	EA	Seal For DB-11 (Siemens DB11-SEAL)	17.08	
28 46 13 31-0872	EA	Gasket For DB-11 (Siemens DB-SEAL)	18.71	
28 46 13 31-0873	EA	Detector Guard Housing (Siemens DGH-11)	221.21	16.37
28 46 13 31-0874	EA	Small Detector Base (Siemens DB-11E)	56.30	16.37
28 46 13 31-0875	EA	Audible Base For Series 3 (Siemens ADBI-60A)	197.65	16.37
28 46 13 31-0876	EA	Base Plug (Siemens DB-11-DP)	14.04	
28 46 13 31-0877		**Air Duct Smoke Detectors** *(28 46 13 31-0827)*		
28 46 13 31-0878	EA	Intelligent Remote Duct Relay Module (Siemens DA-X3SR)	165.92	32.74
28 46 13 31-0879	EA	Weatherproof Enclosure For Duct Housing (Siemens EAD-3)	867.73	32.74
28 46 13 31-0880		**Notification Devices** *(28 46 13 31-0687)*		
28 46 13 31-0881		**Synchronization Control Devices** *(28 46 13 31-0880)*		
28 46 13 31-0882	EA	Dual Synchronization Control Module (Siemens DSC)	246.51	32.74
28 46 13 31-0883		**Stand-Alone Strobes** *(28 46 13 31-0880)*		
28 46 13 31-0884	EA	Wall Mounted Multi-Candela Strobe (Siemens ZR-MC-R)	203.62	49.11
28 46 13 31-0885	EA	Wall Mounted High, Multi-Candela Strobe (Siemens ZR-HMC-R)	222.22	49.11
28 46 13 31-0886	EA	Ceiling Mounted Multi-Candela Strobe (Siemens ZR-MC-CR)	203.62	49.11
28 46 13 31-0887	EA	Ceiling Mounted High, Multi-Candela Strobe (Siemens ZR-HMC-CR)	222.22	49.11
28 46 13 31-0888	EA	Ceiling Mounted High Multi-Candela Strobe (Siemens ST-HMC-CW)	222.22	49.11
28 46 13 31-0889	EA	Ceiling Mounted Multi-Candela Strobe (Siemens ST-MC-CW)	203.62	49.11
28 46 13 31-0890	EA	Retrofit Plate Multi-Candela Strobe (Siemens ST-MC-RETRO-R)	235.85	49.11
28 46 13 31-0891	EA	Weatherproof Ceiling Mounted Strobe (Siemens ST-75-CR-WP)	225.93	49.11
28 46 13 31-0892	EA	Weatherproof Wall Mounted Strobe (Siemens ST-75-R-WP)	225.93	49.11
28 46 13 31-0893	EA	Weatherproof Ceiling Mounted High Multi-Candela Strobe (Siemens ST-HMC-CR-WP)	242.05	49.11
28 46 13 31-0894	EA	Weatherproof Wall Mounted High Multi-Candela Strobe (Siemens ST-HMC-R-WP)	242.05	49.11
28 46 13 31-0895		**Horns And Strobes** *(28 46 13 31-0880)*		
28 46 13 31-0896	EA	Wall Mounted Multi-Candela Horn/Strobe (Siemens SE-MC-R)	276.77	49.11
28 46 13 31-0897	EA	Wall Mounted High Multi-Candela Horn/Strobe (Siemens SE-HMC-R)	292.89	49.11
28 46 13 31-0898	EA	Wall Mounted Horn (Siemens SE-R)	158.98	49.11
28 46 13 31-0899	EA	Ceiling Mounted Multi-Candela Horn/Strobe (Siemens SE-MC-CR)	276.77	49.11
28 46 13 31-0900	EA	Ceiling Mounted High Multi-Candela Horn/Strobe (Siemens SE-HMC-CR)	292.89	49.11
28 46 13 31-0901	EA	Ceiling Mounted Horn (Siemens SEC-R)	166.42	49.11
28 46 13 31-0902	EA	Wall Mounted Low Profile Multi-Candela Horn/Strobe (Siemens SEF-MC-R)	276.77	49.11
28 46 13 31-0903	EA	Wall Mounted Low Profile High Multi-Candela Horn/Strobe (Siemens SEF-HMC-R)	292.89	49.11
28 46 13 31-0904	EA	Wall Mounted Low Profile Horn (Siemens SEF-R)	158.98	49.11
28 46 13 31-0905	EA	Ceiling Mounted Low Profile Multi-Candela Horn/Strobe (Siemens SEF-MC-CW)	276.77	49.11
28 46 13 31-0906	EA	Ceiling Mounted Low Profile High Multi-Candela Horn/Strobe (Siemens SEF-HMC-CW)	292.89	49.11
28 46 13 31-0907	EA	Ceiling Mounted Low Profile Horn (Siemens SEF-CR)	166.42	49.11
28 46 13 31-0908	EA	Mini Horn (Siemens MH-R)	131.70	49.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0909	EA	Indoor/Outdoor Multi Tone Horn (Siemens MTH-R)	168.90	49.11
28 46 13 31-0910	EA	Indoor/Outdoor Multi Tone, Multi-Candela Horn/Strobe (Siemens MTH-MC-R)	260.65	49.11
28 46 13 31-0911	EA	Industrial Tri-Tone Horn (Siemens ASR)	749.19	49.11
28 46 13 31-0912	EA	Wall Mounted Horn (Siemens HS-R)	168.90	49.11
28 46 13 31-0913	EA	Wall Mounted Multi-Candela Horn/Strobe (Siemens HS-MC-R)	261.89	49.11
28 46 13 31-0914	EA	Wall Mounted High Multi-Candela Horn/Strobe (Siemens HS-HMC-R)	281.73	49.11
28 46 13 31-0915	EA	6" Motor Bell (Siemens MBDC-6)	193.70	49.11
28 46 13 31-0916	EA	10" Motor Bell (Siemens MBDC-10)	212.30	49.11
28 46 13 31-0917		**Mounting Accessories** *(28 46 13 31-0880)*		
28 46 13 31-0918	EA	Concealed Conduit Adapter Plate (Siemens APS-R)	47.62	16.37
28 46 13 31-0919	EA	4" x 1-1/2" Surface Mounted Back Box (Siemens BBS-R)	47.62	16.37
28 46 13 31-0920	EA	4" x 2-1/8" Surface Mounted Back Box (Siemens DBBS-R)	48.86	16.37
28 46 13 31-0921	EA	Red Weatherproof Surface Mount Back Box (Siemens MT-SUR-BOX)	78.62	16.37
28 46 13 31-0922	EA	White Weatherproof Surface Mount Back Box (Siemens MT-SUR-BOX-W)	62.50	16.37
28 46 13 31-0923	EA	Surface Mounted Speaker Back Box (Siemens SBBS-R)	66.22	16.37
28 46 13 31-0924	EA	Surface Mounted Speaker Back Box (Siemens SBL2S-R)	71.18	16.37
28 46 13 31-0925	EA	Square Semi-Flush Extension Ring (Siemens SERS-R)	56.30	16.37
28 46 13 31-0926	EA	Semi-Flush Plate (Siemens SFPS-R)	46.38	16.37
28 46 13 31-0927	EA	Square Surface Back Box (Siemens SHBBS-R)	56.30	16.37
28 46 13 31-0928	EA	Horn Adapter Plate (Siemens SHMPS-R)	53.82	16.37
28 46 13 31-0929	EA	Ceiling Speaker Extension Ring (Siemens SPEXT-R)	47.62	16.37
28 46 13 31-0930	EA	Wall Mounted Surface Mounted Speaker Back Box (Siemens SPSB-R)	62.50	16.37
28 46 13 31-0931	EA	Wall Mounted Surface Mounted Speaker/Strobe Back Box (Siemens SPSSB-R)	66.22	16.37
28 46 13 31-0932	EA	Weatherproof Speaker Back Box (Siemens WBBS-R)	63.74	16.37
28 46 13 31-0933	EA	Weatherproof Speaker Back Box With 3/4" Knockout (Siemens WBBS-R-3/4T-3/4B)	71.18	16.37
28 46 13 31-0934	EA	Weatherproof Flush Plate (Siemens WFPAS-R)	71.18	16.37
28 46 13 31-0935	EA	Weatherproof Horn Flush Plate (Siemens WFPS-R)	71.18	16.37
28 46 13 31-0936	EA	Weatherproof Horn Back Box (Siemens WPBBS-R)	66.22	16.37
28 46 13 31-0937	EA	Weatherproof Strobe Back Box (Siemens WPSBBS-R)	66.22	16.37
28 46 13 31-0938	EA	Surface Mounted Weatherproof Back Box Kit (Siemens WPS-KIT)	47.62	16.37
28 46 13 31-0939	EA	Z Series Back Box (Siemens ZBB-R)	53.82	16.37
28 46 13 31-0940		**Door Holders** *(28 46 13 31-0880)*		
28 46 13 31-0941	EA	120 Volt AC Concealed Wiring Fire Door Holder (Siemens SDH-2A)	418.13	49.11
28 46 13 31-0942	EA	24 Volt DC Concealed Wiring Fire Door Holder (Siemens SDH-2D)	418.13	49.11
28 46 13 31-0943		**Voice Equipment** *(28 46 13 31-0687)*		
28 46 13 31-0944		**Voicecom** *(28 46 13 31-0943)*		
28 46 13 31-0945	EA	Emergency Voice Alarm Communication System, 3.5 Amp Power Supply And Battery Charger, 50W Amplifier, Battery Cables, Main Control Board With One Speaker Circuit, Paging Microphone And Enclosure With Deadfront And Space For Five Modules (Siemens VOICECOM)	6,412.00	654.80
28 46 13 31-0946	EA	Emergency Voice Alarm Communication System, 3.5 Amp Power Supply And Battery Charger, Two 50W Amplifier, Battery Cables, Main Control Board With One Speaker Circuit, Paging Microphone, Enclosure With Deadfront And Space For 11 Modules, Auxiliary Power Supply, Four PS-AUX Strobe Zone Cables And One AM-25-50 Speaker Zone Cables (Siemens VOICECOM-L)	10,193.85	654.80
28 46 13 31-0947		**Johnson Controls Fire Alarm** *(28 46 13 31)*		
28 46 13 31-0948	EA	Intelligent Addressable ION Detector; With FlashScan. (Johnson Controls, Inc. #1951J)	242.75	49.11
28 46 13 31-0949	EA	Intelligent Addressable Photo Detector; With FlashScan. (Johnson Controls, Inc. #2951J)	240.06	49.11
28 46 13 31-0950	EA	Intelligent Addressable Photo/Thermal Detector; With FlashScan. (Johnson Controls, Inc. #2951TJ)	301.62	49.11
28 46 13 31-0951	EA	Acclimate™ Intelligent Photo Thermal Detector; With FlashScan. (Johnson Controls, Inc. #2951TMJ)	300.77	49.11
28 46 13 31-0952	EA	411UD, 4 Channel Dual. (Johnson Controls, Inc. #411UD)	837.67	65.48
28 46 13 31-0953	EA	Intelligent Addressable High Temperature Heat Detector; With FlashScan. (Johnson Controls, Inc. #5951HJ)	229.02	49.11
28 46 13 31-0954	EA	Intelligent Addressable High Temperature Heat Detector; With FlashScan. (Johnson Controls, Inc. #5951J)	203.55	49.11
28 46 13 31-0955	EA	Intelligent Addressable Rate-of-Rise Thermal Detector; With FlashScan. (Johnson Controls, Inc. #5951RJ)	198.15	49.11
28 46 13 31-0956	EA	Intelligent Addressable Laser Detector; Low Profile, Use With IFC Series Panels Only. (Johnson Controls, Inc. #7351J)	613.33	49.11
28 46 13 31-0957	EA	100 Watts Audio Amplifier At 70.7 VRMS With Built-in Tone Generator, 120 Volt AC (Johnson Controls, Inc. #AA-100)	3,004.76	98.22
28 46 13 31-0958	EA	AUDIO Amplifier, 100 Watts, 230 Voltage AC (Johnson Controls, Inc. #AA-100E)	2,910.85	98.22
28 46 13 31-0959	EA	120 Watts Audio Amplifier At 25 VRMS With Built-in Tone Generator, 120 Voltage AC (Johnson Controls, Inc. #AA-120)	2,961.51	98.22
28 46 13 31-0960	EA	AUDIO Amplifier, 120 Watts, 230 Voltage AC (Johnson Controls, Inc. #AA-120E)	2,835.01	98.22
28 46 13 31-0961	EA	30 Watts Audio Amplifier At 25 VRMS, 120 Voltage AC (Johnson Controls, Inc. #AA-30)	1,373.59	98.22
28 46 13 31-0962	EA	AUDIO Amplifier, 30 Watts, 230 Voltage AC (Johnson Controls, Inc. #AA-30E)	1,373.59	98.22
28 46 13 31-0963	EA	Annunciator Control Module With; 16 Red Alarm LED's, 16 Yellow Trouble LED's, And 16 Control Switches, On-line, System Trouble Led, And Local Sounder, Local Acknowledge And Lamp Test Switch, Supports 1, 2 Or 3 AEM-16AT Expander Modules. (Johnson Controls, Inc. #ACM-16AT)	1,384.78	32.74
28 46 13 31-0964	EA	IFC Series ACS Annunciator; Up To 96 Points Of Annunciation With Alarm Or Active LED, Trouble LED And Switch Per Circuit. Active/Alarm LEDs Can Be Programmed (By Powered Up Switch Selection) By Point To Be Red, Green Or Yellow And The Trouble LED Is Always Yellow. Expandable With One, Two Or Three AEM-24AT's. (Johnson Controls, Inc. #ACM-24AT)	1,440.54	32.74
28 46 13 31-0965	EA	Annunciator Control Module; Includes 32 Red Alarm LED's, System Trouble LED And On-line LED, Local Acknowledge, Lamp Test Switch, And Local Piezo Sounder, Supports One AEM-32A Expander Module. (Johnson Controls, Inc. #ACM-32A)	1,056.85	32.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0966	EA	IFC Series ACS Annunciator; Up To 96 Points Of Annunciation With Alarm Or Active LED Per Circuit. Active/Alarm LEDs Can Be Programmed (By Powered Up Switch Selection) In Groups Of 24 To Be Red, Green Or Yellow. Expandable To 96 Points With One AEM-48A. (Johnson Controls, Inc. #ACM-48A)	1,056.85	32.74
28 46 13 31-0967	EA	Annunciator, Relay, Form C. (Johnson Controls, Inc. #ACM-8R)	744.10	32.74
28 46 13 31-0968	EA	Charger Power Supply - 6 Or 10 Amperes; Mounts In CAB-PS1, CAB-3/4, EQ Cabx, BB-25, Or CHS-PS1; Comes With The PK-PPS Programming Utility. Windows® PC And USB Cable Required For Programming. (Johnson Controls, Inc. #ACPS-610)	2,405.59	65.48
28 46 13 31-0969	EA	Annunciator Expander Module With: 16 Red Alarm LED's, 16 Yellow Trouble LED's, 16 Control Switches, Cable For Connection To The ACM-16AT Master. (Johnson Controls, Inc. #AEM-16AT)	1,056.85	32.74
28 46 13 31-0970	EA	Annunciator Expander Module; 24 Alarm And Trouble LEDs, Expands The ACM-24AT To 48, 72 Or 96 Points. (Johnson Controls, Inc. #AEM-24AT)	1,098.76	32.74
28 46 13 31-0971	EA	Annunciator Expander Module With: 32 Red Alarm LED's, Cable For Connection To The ACM-32A Master. (Johnson Controls, Inc. #AEM-32A)	946.88	32.74
28 46 13 31-0972	EA	Annunciator Expander Module; 48 Alarm LEDs, Expands The ACM-48A To 96 Points. (Johnson Controls, Inc. #AEM-48A)	946.88	32.74
28 46 13 31-0973	EA	Back Box, Flush Or Surface Mount; Requires A Door And Telephone Chassis. (Johnson Controls, Inc. #AFAWS-BX)	155.60	29.47
28 46 13 31-0974	EA	Receiver, Multimode Fiber. (Johnson Controls, Inc. #AFL-RM)	1,446.48	65.48
28 46 13 31-0975	EA	Receiver, Singlemode Fiber. (Johnson Controls, Inc. #AFL-RS)	3,163.80	65.48
28 46 13 31-0976	EA	Transmit, Multimode Fiber. (Johnson Controls, Inc. #AFL-TM)	1,446.48	65.48
28 46 13 31-0977	EA	Transmit, Singlemode Fiber. (Johnson Controls, Inc. #AFL-TS)	3,163.80	65.48
28 46 13 31-0978	EA	Base, Smoke Detector, 2 Wire. (Johnson Controls, Inc. #B110LP)	55.48	16.37
28 46 13 31-0979	EA	Base, Smoke Detector, Intelligent. (Johnson Controls, Inc. #B224BI)	153.32	16.37
28 46 13 31-0980	EA	Base, Smoke Detector, Intelligent. (Johnson Controls, Inc. #B224RB)	144.47	16.37
28 46 13 31-0981	EA	Base, Smoke Detector, 2 Wire. (Johnson Controls, Inc. #B401)	59.26	16.37
28 46 13 31-0982	EA	Intelligent Detector Base, Without Flange. (Johnson Controls, Inc. #B501J)	52.98	16.37
28 46 13 31-0983	EA	Battery Cabinet, Lockable. (Johnson Controls, Inc. #BB-100)	1,052.28	65.48
28 46 13 31-0984	EA	Projected Beam Smoke Detector, Single-ended Reflected Type, Includes Trouble Relay, Transmitter/Receiver In One Unit. (Johnson Controls, Inc. #Beam1224)	2,471.07	98.22
28 46 13 31-0985	EA	Same As Beam1224 With Built-in Sensitivity Test Filter. (Johnson Controls, Inc. #Beam1224S)	2,613.25	98.22
28 46 13 31-0986	EA	Mounting Kit, Long RG, Beam. (Johnson Controls, Inc. #BeamLRK)	288.64	16.37
28 46 13 31-0987	EA	Mounting Kit, Beam Detect. (Johnson Controls, Inc. #BeamMMK)	193.87	16.37
28 46 13 31-0988	EA	Digital Audio Amplifier, 50 Watts, 25 VRMS (Johnson Controls, Inc. #DAA-5025)	2,473.17	98.22
28 46 13 31-0989	EA	Digital Audio Amplifier, 50 Watts, 25 VRMS, Multi-Fiber (Johnson Controls, Inc. #DAA-5025F)	2,281.51	98.22
28 46 13 31-0990	EA	Digital Audio Amplifier, 50 Watts, 25 VRMS, Single-Fiber (Johnson Controls, Inc. #DAA-5025SF)	2,281.51	98.22
28 46 13 31-0991	EA	Digital Audio Amplifier, 50 Watts, 70 VRMS (Johnson Controls, Inc. #DAA-5070)	2,680.18	98.22
28 46 13 31-0992	EA	Amplifier, Digital Audio. (Johnson Controls, Inc. #DAA-5070E)	2,471.07	98.22
28 46 13 31-0993	EA	Digital Audio Amplifier, 50 Watts, 70 VRMS, Multi-Fiber (Johnson Controls, Inc. #DAA-5070F)	2,471.07	98.22
28 46 13 31-0994	EA	Digital Audio Amplifier, 50 Watts, 70 VRMS, Single-Fiber (Johnson Controls, Inc. #DAA-5070SF)	2,471.07	98.22
28 46 13 31-0995	EA	Digital Audio Amplifier, 75 Watts, 25 VRMS (Johnson Controls, Inc. #DAA-7525)	2,958.49	98.22
28 46 13 31-0996	EA	Digital Audio Amplifier, 75 Watts, 25 VRMS, Multi Fiber (Johnson Controls, Inc. #DAA-7525F)	2,958.49	98.22
28 46 13 31-0997	EA	Digital Audio Amplifier, 75 Watts, 25 VRMS, Single Fiber (Johnson Controls, Inc. #DAA-7525SF)	2,958.49	98.22
28 46 13 31-0998	EA	Innovairflex Intelligent. (Johnson Controls, Inc. #DNR)	304.44	32.74
28 46 13 31-0999	EA	Innovairflex Duct Detect. (Johnson Controls, Inc. #DNRW)	470.19	32.74
28 46 13 31-1000	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST1)	41.29	13.10
28 46 13 31-1001	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST1.5)	45.20	13.10
28 46 13 31-1002	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST10)	112.20	19.64
28 46 13 31-1003	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST3)	53.93	13.10
28 46 13 31-1004	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST5)	66.57	16.37
28 46 13 31-1005	EA	Digital Voice Command, Analog Output. (Johnson Controls, Inc. #DVC-AO)	473.00	32.74
28 46 13 31-1006	EA	Digital Voice Command, Keypad. (Johnson Controls, Inc. #DVC-KD)	784.94	65.48
28 46 13 31-1007	EA	Equipment Cabinet Used To House DAA Digital Amplifiers, XP10/6 Series Transponders, AA-Amplifiers, ACPS-610 Or Amperes-24; B Size, Black. (Johnson Controls, Inc. #EQBB-B4)	645.99	98.22
28 46 13 31-1008	EA	Equipment Cabinet Used To House DAA Digital Amplifiers, XP10/6 Series Transponders, AA-Amplifiers, ACPS-610 Or Amperes-24; C Size, Black. (Johnson Controls, Inc. #EQBB-C4)	901.25	98.22
28 46 13 31-1009	EA	Equipment Cabinet Used To House DAA Digital Amplifiers, XP10/6 Series Transponders, AA-Amplifiers, ACPS-610 Or AMPS-24; D Size, Black. (Johnson Controls, Inc. #EQBB-D4)	986.55	98.22
28 46 13 31-1010	EA	Equipment Cabinet Door; B Size Black. (Johnson Controls, Inc. #EQDR-B4)	527.17	13.10
28 46 13 31-1011	EA	Equipment Cabinet Door; C Size Black. (Johnson Controls, Inc. #EQDR-C4)	795.75	13.10
28 46 13 31-1012	EA	Equipment Cabinet Door; D Size Black. (Johnson Controls, Inc. #EQDR-D4)	874.74	13.10
28 46 13 31-1013	EA	6.0 Amperes, 120 Volt AC Remote Charger Power Supply (Johnson Controls, Inc. #FCPS-24S6) Note: Includes Main Printed Circuit Board, Transformers And Installation Instructions	1,041.16	130.96
28 46 13 31-1014	EA	8 Amperes, 120 Volt AC Remote Charger Power Supply (Johnson Controls, Inc. #FCPS-24S8) Note: Includes Main Printed Circuit Board, Transformers And Installation Instructions	1,372.06	130.96
28 46 13 31-1015	EA	80 Character Display Annunciator. "Security Keypad" Mechanical Design. For Use With The IFC-320, JCPU2-640, JCPU-640 And IFC-400/300 (Rev 3.62+) Only. (Johnson Controls, Inc. #FDU-80G)	1,305.34	98.22
28 46 13 31-1016	EA	Fireman's Telephone Hand Set. (Johnson Controls, Inc. #FHS)	241.26	16.37
28 46 13 31-1017	EA	Fire Phone Storage Cabinet, Recessed, Holds 6 Phones. (Johnson Controls, Inc. #FHSC-R)	685.32	32.74
28 46 13 31-1018	EA	Door Holder, Magnetic, Floor. (Johnson Controls, Inc. #FM980)	357.74	49.11
28 46 13 31-1019	EA	Door Holder, Magnetic, Wall. (Johnson Controls, Inc. #FM996)	290.51	49.11
28 46 13 31-1020	EA	Door Holder, Magnetic, Wall. (Johnson Controls, Inc. #FM998)	305.81	49.11
28 46 13 31-1021	EA	Addressable Beam Detector. (Johnson Controls, Inc. #FSB-200)	2,522.50	65.48
28 46 13 31-1022	EA	Addressable Beam Detector With Remote Test Feature. (Johnson Controls, Inc. #FSB-200S)	3,083.50	65.48
28 46 13 31-1023	EA	Intelligent Addressable HARSH (Hostile Area Smoke Head) Detector; Photo, Requires B501B-FTXJ Base. (Johnson Controls, Inc. #FTX-P2J)	929.71	32.74
28 46 13 31-1024	EA	IFC-320 Intelligent Fire Alarm Panel; Single Printed Circuit Board With One SLC Loop (318 Devices), Back-lit, 80 Character Display, System And Programming Keypad And 6.0 Amperes Power Supply, 120 Volt AC, (Johnson Controls, Inc. #IFC-320) Note: Includes Door, Dress Panel And Back Box, Black	6,283.70	523.84
28 46 13 31-1025	EA	Upgrade Kit, ORG BLD, 640. (Johnson Controls, Inc. #IFC-640UG)	3,110.73	65.48
28 46 13 31-1026	EA	Workstation Only Workstation GUI Software And Hardware Package. (Johnson Controls, Inc. #IFI)	41,053.63	785.77
28 46 13 31-1027	EA	Workstation With NFN Fiber PC Card Workstation GUI Software And Hardware Package. Includes NFN Gateway (JNFN-GW-PC-F) Fiber Version. (Johnson Controls, Inc. #IFI-F)	44,844.68	785.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1028	EA	Workstation With Echelon Wire PC Card Workstation GUI Software And Hardware Package For Building Systems Integration, WSSUP Workstation Supervisor. Includes Echelon® Gateway (ECH-GW-PC-W) Wire Version. (Johnson Controls, Inc. #IFI-IP)	50,531.27	785.77
28 46 13 31-1029	EA	Workstation With NFN Wire PC Card Workstation GUI Software And Hardware Package. Includes NFN Gateway (JNFN-GW-PC-W) Wire Version. (Johnson Controls, Inc. #IFI-W)	44,844.68	785.77
28 46 13 31-1030	EA	Annunciator Flush Box. Mounts One Annunciator Module. (Johnson Controls, Inc. #JABF-1B)	300.88	19.64
28 46 13 31-1031	EA	Annunciator Flush Box. One Module. Attractive Glass Door And Key Lock. (Johnson Controls, Inc. #JABF-1DB)	338.79	19.64
28 46 13 31-1032	EA	Annunciator Flush Box. Mounts Two Annunciator Modules. (Johnson Controls, Inc. #JABF-2B)	369.12	19.64
28 46 13 31-1033	EA	Annunciator Flush Box. Mounts Four Annunciator Modules. (Johnson Controls, Inc. #JABF-4B)	691.36	19.64
28 46 13 31-1034	EA	Annunciator Surface Box. Deep With Trim Cover. (Johnson Controls, Inc. #JABS-1TB)	223.31	13.10
28 46 13 31-1035	EA	Surface (or Semi-flush) Mount Back Box (Johnson Controls, Inc. #JABS-2D)	347.68	29.47
		Note: Used With The INA, ACS Annunciators, SCS Series, JNCA And JNCA-2 Black.		
28 46 13 31-1036	EA	Surface (or Semi-flush) Mount Back Box (Johnson Controls, Inc. #JABS-2DR)	369.42	29.47
		Note: Used With The INA, ACS Annunciators, SCS Series, JNCA And JNCA-2 Red.		
28 46 13 31-1037	EA	Surface (or Semi-flush) Mount INA, ACS, Or SCS Back Box, Black. (Johnson Controls, Inc. #JABS-4D)	680.65	29.47
28 46 13 31-1038	EA	Audio Command Door For CAB-B4, Black; Required When Using CA-2. (Johnson Controls, Inc. #JADDR-B4)	680.17	13.10
28 46 13 31-1039	EA	Audio Command Door For CAB-C4, Black; Required When Using CA-2. (Johnson Controls, Inc. #JADDR-C4)	917.11	13.10
28 46 13 31-1040	EA	Audio Command Door For CAB-D4, Black; Required When Using CA-2. (Johnson Controls, Inc. #JADDR-D4)	1,135.09	13.10
28 46 13 31-1041	EA	Addressable Pull Station; With FlashScan. (Johnson Controls, Inc. #JBG-12LX)	316.96	32.74
28 46 13 31-1042	EA	Battery Dress Panel For CAB-4 Series; For Use With The JCPU2-3030, JCPU2-640, JNCA-2, And DVC Systems. (Johnson Controls, Inc. #JBP2-4)	148.10	13.10
28 46 13 31-1043	EA	JCPU2-3030 CPU With 640-character Display; Required For Single Panel (One CPU2-3030) Systems. Includes: CPU, 640-Character Backlit LCD Display, QWERTY Programming And Control Keypad, Installation, Programming And Operating Manuals. Supports One To 10 Signaling Line Circuits (Up To Five LCM-320 And Five LEM-320). Order One Per System Or As Necessary (Up To 103 Network Nodes) For A Networked System. Requires Top Row Of A Cabinet. (Johnson Controls, Inc. #JCPU2-3030D)	6,269.35	523.84
28 46 13 31-1044	EA	Central Processing Unit For The JCPU2-640 With Integral 120 Volt AC Power Supply (Johnson Controls, Inc. #JCPU2-640)	4,524.90	392.88
		Note: Includes CHS2-M2 Chassis		
28 46 13 31-1045	EA	Main Board, CPU, IFC3030, DI. (Johnson Controls, Inc. #JCPU-3030D)	8,151.24	523.84
28 46 13 31-1046	EA	Main Board, CPU, IFC640. (Johnson Controls, Inc. #JCPU-640)	7,837.28	392.88
28 46 13 31-1047	EA	Main Board, CPU, IFC640, EUR. (Johnson Controls, Inc. #JCPU-640E)	5,638.87	392.88
28 46 13 31-1048	EA	Digital Voice Command, Extended Memory. (Johnson Controls, Inc. #JDVC-EM)	3,099.43	49.11
28 46 13 31-1049	EA	Digital Voice Command, Extended Memory, Multi-Fiber. (Johnson Controls, Inc. #JDVC-EMF)	3,131.06	49.11
28 46 13 31-1050	EA	Digital Voice Command, Extended Memory, Single-Fiber. (Johnson Controls, Inc. #JDVC-EMSF)	3,131.06	49.11
28 46 13 31-1051	EA	Annunciator, Network Control. (Johnson Controls, Inc. #JNCA)	3,705.00	65.48
28 46 13 31-1052	EA	Network Control Annunciator-2, 640-characters; On Single Panel (one JCPU2-640) JCPU2-640 Systems, The JNCA-2 Can Be The Primary Display For The Panel And Connects Directly To The JCPU2-640. On Network Systems (Two Or More JCPU2-640's), One Network Display (Either JNCA-2 Or IFW) Is Required For Every System And Each JNCA-2 Connects To And Requires An NCM Network Control Module. Mounts In A Row Of FACP Node Or In Two Annunciator Module Positions. (Johnson Controls, Inc. #JNCA-2)	3,139.16	65.48
		Note: Mounting Includes: NCA/640-2-Kit (directly Mounting To The CHS2-M2), CA-2, ADP-4B, Or In An Annunciator Box, Such As The ABS-2DB (requires The CHS-2D).		
28 46 13 31-1053	EA	Mass Notification Voice Paging; Requires JNOTIFY-PAA Hardware Package (Sold Separately). (Johnson Controls, Inc. #JNOTIFY-IP)	2,681.31	392.88
28 46 13 31-1054	EA	160 Character Display Annunciator; For Use With JCPU-3030 And JCPU2-3030. (Johnson Controls, Inc. #LCD-160)	2,228.59	65.48
28 46 13 31-1055	EA	80 Character LCD Annunciator. Mounts In ABS-1T, ABF-1D, ABF-2D, Or Flush Back Box. (Johnson Controls, Inc. #LCD-80)	1,832.35	65.48
28 46 13 31-1056	EA	Loop Control Module. Each LCM May Be Expanded To Two Loops By Adding A LEM-320. IFC2- 3030 And IFC-3030 Only. (Johnson Controls, Inc. #LCM-320)	2,952.24	65.48
28 46 13 31-1057	EA	Lamp Driver Annunciator Control Module. For Use With Custom Graphic Annunciators. 32 Points. (Johnson Controls, Inc. #LDM-32)	914.14	16.37
28 46 13 31-1058	EA	Cable 24": LDM TO Annunciator. (Johnson Controls, Inc. #LDM-CBL24)	293.44	13.10
28 46 13 31-1059	EA	Cable 48": LDM TO Annunciator. (Johnson Controls, Inc. #LDM-CBL48)	361.68	13.10
28 46 13 31-1060	EA	Lamp Driver Annunciator Expander Module. For Use With Custom Graphic Annunciators. 32 Points. (Johnson Controls, Inc. #LDM-E32)	736.00	16.37
28 46 13 31-1061	EA	Relay Module. 32 Form-A Contacts. Connects To LDM-32 Or LDM-E32. (Johnson Controls, Inc. #LDM-R32)	1,352.04	16.37
28 46 13 31-1062	EA	Loop Expander Module. Mounts As Daughter Board To LCM-320 To Provide Even Numbered SLC Loops. (Johnson Controls, Inc. #LEM-320)	2,451.00	16.37
28 46 13 31-1063	EA	Addressable Control Module With FlashScan; Configured For One Class A Or Class B NAC. (Johnson Controls, Inc. #M300CJ)	190.80	16.37
28 46 13 31-1064	EA	Addressable Dual Monitor Module; With FlashScan, Two Class B Circuits. (Johnson Controls, Inc. #M300DJ)	304.91	16.37
28 46 13 31-1065	EA	Addressable Monitor Module; With FlashScan; Supervises Either A Class A Or Class B Circuit Of N.D. Dry-contact Input Devices. (Johnson Controls, Inc. #M300MJ)	149.46	16.37
28 46 13 31-1066	EA	Addressable Relay Module With FlashScan; Provides Two Form-C Dry Contacts That Switch Together. (Johnson Controls, Inc. #M300RJ)	210.33	16.37
28 46 13 31-1067	EA	Addressable Mini Module With FlashScan; Supervises A Class B Circuit Of N.D. Dry-contact Devises. (Johnson Controls, Inc. #M301MJ)	165.45	16.37
28 46 13 31-1068	EA	Addressable 2-Wire Detector Monitor Module; With FlashScan. (Johnson Controls, Inc. #M302MJ)	270.73	16.37
28 46 13 31-1069	EA	Addressable Firephone Control Module With Flashscan. (Johnson Controls, Inc. #M500FPJ)	308.95	16.37
28 46 13 31-1070	EA	SLC Loop Isolator Module; Isolates Against Short Circuits On The SLC. (Johnson Controls, Inc. #M500XJ)	173.58	16.37
28 46 13 31-1071	EA	Network INTFC, P2P, Wire. (Johnson Controls, Inc. #MIB-W)	2,585.15	49.11
28 46 13 31-1072	EA	Network Adapter, Fiber. (Johnson Controls, Inc. #NAM-232F)	2,300.29	32.74
28 46 13 31-1073	EA	Network Adapter, Wire. (Johnson Controls, Inc. #NAM-232W)	2,125.91	32.74
28 46 13 31-1074	EA	Plate, Retrofit, NCA-2. (Johnson Controls, Inc. #NCA-2RETRO)	79.44	6.54
28 46 13 31-1075	EA	Network Control Module - Multi Mode Fiber; Order One NCM Per Network Node (JCPU-640/3030, JNCA, JCPU2-640/3030, JNCA-2, DVC, etc.) (Johnson Controls, Inc. #NCM-F)	1,859.42	32.74
28 46 13 31-1076	EA	Network Control Module - Wire; Order One NCM Per Network Node (JCPU-640/3030, JNCA, JCPU2-640/3030, JNCA-2, DVC, etc.) (Johnson Controls, Inc. #NCM-W)	1,770.46	32.74
28 46 13 31-1077	EA	NFV-25/50. (Johnson Controls, Inc. #NFV-25/50)	4,521.66	65.48
28 46 13 31-1078	EA	NU-RPT101-1U RS485. (Johnson Controls, Inc. #NU-RPT101-1U)	1,254.76	32.74
28 46 13 31-1079	EA	Key Switch, Remote Control. (Johnson Controls, Inc. #RKS-S)	342.72	13.10
28 46 13 31-1080	EA	Microphone Assembly For Mounting To An ADP-4 Dress Panel. (Johnson Controls, Inc. #RM-1)	791.48	32.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1081	EA	Microphone Assembly For Mounting In An CAB-RM Cabinet. (Johnson Controls, Inc. #RM-1SA)	791.48	32.74
28 46 13 31-1082	EA	Remote Page Jack. Allows Remote All-Call Paging. (Johnson Controls, Inc. #RPJ-1)	211.97	13.10
28 46 13 31-1083	EA	SA-WBB, Weatherproof. (Johnson Controls, Inc. #SA-WBB)	55.96	6.54
28 46 13 31-1084	EA	SA-WBBC, Weatherproof. (Johnson Controls, Inc. #SA-WBBC)	55.96	6.54
28 46 13 31-1085	EA	Strobe, Standard, 12/24 Volt DC, Red (Johnson Controls, Inc. #SCR)	211.97	49.11
28 46 13 31-1086	EA	Strobe, HI, 12/24 Volt DC, Red (Johnson Controls, Inc. #SCRH)	238.49	49.11
28 46 13 31-1087	EA	Strobe, HI, Outdoor, Red. (Johnson Controls, Inc. #SCRHK)	281.92	55.65
28 46 13 31-1088	EA	Strobe, Standard, Outdoor, Red. (Johnson Controls, Inc. #SCRK)	278.11	55.65
28 46 13 31-1089	EA	Smoke Control Master; Includes Eight On/off/auto Switches. Supports One SCE-8. Includes Manual, Slide-in Labels. Mounts In ADP-4 Or ABS-4D. (Johnson Controls, Inc. #SCS-8)	1,890.19	130.96
28 46 13 31-1090	EA	Smoke Control Lamp Driver. Outputs For 8 On/off/auto Switches With LED's. Intended For Custom Built Smoke Control Stations. Support One SCE-8L. (Johnson Controls, Inc. #SCS-8L)	1,473.15	130.96
28 46 13 31-1091	EA	Strobe, Standard, 12/24 Volt DC, White (Johnson Controls, Inc. #SCW)	211.97	49.11
28 46 13 31-1092	EA	Strobe, HI, 12/24 Volt DC, Red (Johnson Controls, Inc. #SCWH)	238.49	49.11
28 46 13 31-1093	EA	Strobe, Standard, 12/24 Volt DC, White (Johnson Controls, Inc. #SCW-P)	211.97	49.11
28 46 13 31-1094	EA	Mounting Kit, M300/M500. (Johnson Controls, Inc. #SMB500)	38.23	13.10
28 46 13 31-1095	EA	SMK-MOV Kit-LON. (Johnson Controls, Inc. #SMK-MOVKit-LON)	43.52	6.54
28 46 13 31-1096	EA	SMK-MOV Kit-MSTP. (Johnson Controls, Inc. #SMK-MOVKit-MSTP)	49.61	6.54
28 46 13 31-1097	EA	SPBBS, Wall, Back Box. (Johnson Controls, Inc. #SPBBS)	43.57	6.54
28 46 13 31-1098	EA	Strobe, Standard, 12/24 Volt DC, Red (Johnson Controls, Inc. #SR)	193.68	49.11
28 46 13 31-1099	EA	Strobe, HI, 12/24 Volt DC, Red (Johnson Controls, Inc. #SRH)	238.49	49.11
28 46 13 31-1100	EA	Strobe, HI, Outdoor, Red. (Johnson Controls, Inc. #SRHK)	281.92	55.65
28 46 13 31-1101	EA	Strobe, HI, 12/24 Volt DC, Red (Johnson Controls, Inc. #SRH-P)	238.49	49.11
28 46 13 31-1102	EA	Strobe, Standard, Outdoor, Red. (Johnson Controls, Inc. #SRK)	278.11	55.65
28 46 13 31-1103	EA	Strobe, Standard, 12/24 Volt DC, Red (Johnson Controls, Inc. #SR-P)	211.97	49.11
28 46 13 31-1104	EA	Strobe, Standard, 12/24 Volt DC, White (Johnson Controls, Inc. #SW)	211.97	49.11
28 46 13 31-1105	EA	Strobe, HI, 12/24 Volt DC, White (Johnson Controls, Inc. #SWH)	238.49	49.11
28 46 13 31-1106	EA	Strobe, HI, 12/24 Volt DC, White (Johnson Controls, Inc. #SWH-P)	238.49	49.11
28 46 13 31-1107	EA	Strobe, Standard, 12/24 Volt DC, White (Johnson Controls, Inc. #SW-P)	211.97	49.11
28 46 13 31-1108	EA	Firefighter's Telephone Handset Only. (Johnson Controls, Inc. #TELH-1)	296.20	16.37
28 46 13 31-1109	EA	Universal Digital Alarm Communicator Transmitter. (Johnson Controls, Inc. #UDACT)	1,307.58	65.48
28 46 13 31-1110	EA	Speaker Strobe, Ceiling, White, 2 W (MAX), Dual Voltage, Multi (Johnson Controls, Inc. #SPSCW)	314.64	65.48
28 46 13 31-1111	EA	Speaker, White, Ceiling Mount. (Johnson Controls, Inc. #SPCW)	134.27	32.74
28 46 13 31-1112	EA	Speaker, White, Ceiling Mount, High Db. (Johnson Controls, Inc. #SPCWV)	134.27	32.74
28 46 13 31-1113	EA	Speaker Strobe, Red, Ceiling Mount, Standard Candela. (Johnson Controls, Inc. #SPSCR)	249.16	32.74
28 46 13 31-1114	EA	Speaker Strobe, Red, Ceiling Mount, High Candela. (Johnson Controls, Inc. #SPSCRH)	271.14	32.74
28 46 13 31-1115	EA	Speaker Strobe, Red, Ceiling Mount, High Candela, High Db. (Johnson Controls, Inc. #SPSCRVH)	271.14	32.74
28 46 13 31-1116	EA	Speaker Strobe, White, Ceiling Mount, High Db. (Johnson Controls, Inc. #SPSCWV)	240.43	32.74
28 46 13 31-1117	EA	Speaker Strobe Wall, WP, White, 2W (MAX), Dual Volt, Multi D (Johnson Controls, Inc. #SPSWK)	328.42	32.74
28 46 13 31-1118	EA	Speaker Strobe, Wall, White, Standard Candela. (Johnson Controls, Inc. #SPSW)	249.16	32.74
28 46 13 31-1119	EA	Wall Mount Speaker, White. (Johnson Controls, Inc. #SPW)	134.27	32.74
28 46 13 31-1120	EA	Wall Mount Speaker, Red. (Johnson Controls, Inc. #SPR)	134.27	32.74
28 46 13 31-1121	EA	Speaker Strobe, Wall, White, High Cd. (Johnson Controls, Inc. #SPSWH)	271.14	32.74
28 46 13 31-1122	EA	Speaker Strobe, Wall, Red, High Cd. (Johnson Controls, Inc. #SPSR)	249.16	32.74
28 46 13 31-1123	EA	Speaker Strobe, Wall, Red, High Db, High Candela. (Johnson Controls, Inc. #SPSRV)	249.16	32.74

28 46 13 31-1124 Honeywell Fire Alarm *(28 46 13 31)*

28 46 13 31-1125 Notifier Fire Alarm *(28 46 13 31-1124)*

28 46 13 31-1126 Fire Alarm Control Panel And Accessories *(28 46 13 31-1125)*

28 46 13 31-1127	EA	NFS2-3030 CPU For Intelligent Fire Alarm Control Panel (Notifier CPU2-3030D)	6,275.20	654.80
28 46 13 31-1128	EA	NFS2-640 CPU For Intelligent Fire Alarm Control Panel (Notifier CPU2-640)	5,215.39	654.80
28 46 13 31-1129	EA	Central Processing Unit for NFS2-640 With Integral 240 Volt Power Supply Includes Chassis (Notifier CPU2-640E)	5,762.98	654.80
28 46 13 31-1130	EA	Black, 120 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320)	6,262.73	654.80
28 46 13 31-1131	EA	Supports Installation Of Optional ACM-Series Annunciator In Same Cabinet, Black, 120 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320C)	6,143.19	654.80
28 46 13 31-1132	EA	Black, 240 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320E)	5,991.02	654.80
28 46 13 31-1133	EA	Red, 120 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320R)	5,845.71	654.80
28 46 13 31-1134	EA	Two-Tone Sequential Module (Notifier 2TTM)	384.70	32.74
28 46 13 31-1135	EA	5', Not Low Loss, Antenna Cable (Notifier 7626-5C)	96.62	6.54
28 46 13 31-1136	EA	25', Low Loss, Antenna Cable (Notifier 7626-25HC)	185.23	13.10
28 46 13 31-1137	EA	50', Low Loss, Antenna Cable (Notifier 7626-50HC)	281.28	19.64
28 46 13 31-1138	EA	IPGSM-COM, IPGSM-COMa Handheld Programmer (Notifier 7720P)	443.93	
28 46 13 31-1139	EA	RJ45-DB9F Serial Programming Cable (Notifier ALMSC-119)	62.76	
28 46 13 31-1140	EA	120 Volt AC Power Supply, Chassis, 80-Character Display, Keypad, NFS-320SYS CPU (Notifier CPU-320SYS)	5,731.30	654.80
28 46 13 31-1141	EA	240 Volt AC Power Supply, Chassis, 80-Character Display, Keypad, NFS-320SYS CPU (Notifier CPU-320SYSE)	5,787.36	654.80
28 46 13 31-1142	EA	3 dB Gain External/Remote Antenna (Notifier GSM-ANT3dB)	238.50	6.54
28 46 13 31-1143	EA	Plug In Transformer Box For IPGSM Communicator (Notifier HPTCOVER)	73.74	6.54
28 46 13 31-1144	EA	Mounting Bracket Kit For SFB-5UD, SFB-10UD, NFW2-100 And NFW-50 (Notifier IPBRKT)	104.85	13.10
28 46 13 31-1145	EA	Chassis To Mount IP Communicator In CHSA Series Chassis (Notifier IPCHSKIT)	103.68	16.37
28 46 13 31-1146	EA	IP Communicator (Notifier IPDACT-2)	774.85	32.74
28 46 13 31-1147	EA	IP Communicator With Upload/Download Capability (Notifier IPDACT-2UD)	898.42	32.74
28 46 13 31-1148	EA	Red, IP Communicator External Mounting Enclosure (Notifier IPENC) Note: Includes IPBRKT.	211.93	32.74
28 46 13 31-1149	EA	Black, IP Communicator External Mounting Enclosure (Notifier IPENC-B) Note: Includes IPBRKT	211.36	32.74
28 46 13 31-1150	EA	Dual 8TPC To Single 8TPC Y-Splitter With Two 9" Cables For Combining Panel Phone Jacks To One IPDACT Input (Notifier IPSPLT)	54.45	13.10
28 46 13 31-1151	EA	Loop Control Module (Notifier LCM-320)	2,221.48	65.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1152	EA	Loop Expander Module (Notifier LEM-320)	1,776.25	65.48
28 46 13 31-1153	EA	Keyboard Display Module For CPU2-640 (Notifier KDM-R2)	1,688.12	65.48
28 46 13 31-1154	EA	7' DACT Phone Cord (Notifier MCBL-7)	26.49	
28 46 13 31-1155	EA	Back Box For UDACT, With Viewing Window And Optional Relay Mount (Notifier UBS-1)	223.24	16.37
28 46 13 31-1156	EA	Red, Metal Enclosure With Solid Door For Remote Mounting Of The UDACT-2 (Notifier UBS-1R)	255.98	32.74
28 46 13 31-1157	EA	Black, Metal Enclosure With Solid Door For Remote Mounting Of The UDACT-2 (Notifier UBS-1B)	255.98	32.74
28 46 13 31-1158	EA	Universal Digital Alarm Communicator Transmitter (Notifier UDACT-2)	1,129.43	32.74
28 46 13 31-1159	EA	Universal Zone Coder (Notifier UZC-256)	1,580.26	32.74
28 46 13 31-1160	EA	Hardware Kit To Connect UZC-256 To A PC (Notifier UZC-HI) Note: Includes null modem cable, AC power adapter, and 9-pin to 25-pin converter.	495.49	
28 46 13 31-1161	EA	Programming Software For ONYX Series Products, DVC And Associated Amplifiers, DVC-RPU And UDACT-2 (Notifier VERIFIRE-TCD)	769.19	
28 46 13 31-1162	EA	ONYX Series Verifire Tools Upgrade (Notifier VERIFIREUG-TCD)	515.56	
28 46 13 31-1163	EA	Central Station Receiver For Fire And Security (Notifier VISORALARM-PLUS)	7,087.23	19.64
28 46 13 31-1164	EA	Surface Back Box For NBG-12LRA (Notifier SBA-10)	58.03	16.37
28 46 13 31-1165	EA	Up To 50 Addressable Devices Supported, Addressable Fire Alarm Control Panel (Notifier NFW-50X)	3,012.24	654.80
28 46 13 31-1166	EA	Up To 198 Addressable Devices Supported, Addressable Fire Alarm Control Panel (Notifier NFW-100X)	4,398.88	654.80
28 46 13 31-1167		**ONYX Cabinets** *(28 46 13 31-1125)*		
28 46 13 31-1168	EA	Red, Two Tier Door For CA-2 Chassis Configuration (Notifier ADDR-B4R)	544.19	16.37
28 46 13 31-1169	EA	Red, Three Tier Door For CA-2 Chassis Configuration (Notifier ADDR-C4R)	728.15	16.37
28 46 13 31-1170	EA	Red, Four Tier Door For CA-2 Chassis Configuration (Notifier ADDR-D4R)	898.17	16.37
28 46 13 31-1171	EA	Battery Dress Plate For NFS-640 And NFS-3030 (Notifier BP-4)	134.25	19.64
28 46 13 31-1172	EA	Chassis Bridge (Notifier CB-1)	121.70	16.37
28 46 13 31-1173	EA	Four Position Chassis (Notifier CHS-4)	202.65	16.37
28 46 13 31-1174	EA	Low Profile 1st Row Chassis Assembly For CPU-640 / CPU-640E (Notifier CHS-M2)	228.95	32.74
28 46 13 31-1175	EA	Black, Dress Panel Blank, Covers Unused Cabinet Row(s) (Notifier DP-1B)	118.81	19.64
28 46 13 31-1176	EA	Dress Plate For Top Row With CPU2-3030D (Notifier DP-DISP)	149.99	19.64
28 46 13 31-1177	EA	One Tier, "A" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-A4)	420.13	32.74
28 46 13 31-1178	EA	One Tier, "A" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-A4B)	269.13	32.74
28 46 13 31-1179	EA	Two Tier, "B" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-B4)	533.23	49.11
28 46 13 31-1180	EA	Two Tier, "B" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-B4B)	332.35	49.11
28 46 13 31-1181	EA	Three Tier, "C" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-C4)	794.55	65.48
28 46 13 31-1182	EA	Three Tier, "C" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-C4B)	488.39	65.48
28 46 13 31-1183	EA	Four Tier, "D" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-D4)	964.44	81.85
28 46 13 31-1184	EA	Four Tier, "D" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-D4B)	568.23	81.85
28 46 13 31-1185	EA	Black, One Tier, "AA" Size Door Assembly With Window, Lock And Keys (Notifier DR-AA4)	318.78	16.37
28 46 13 31-1186	EA	Black, One Tier, "AA" Size Door Assembly, Lock And Keys (Notifier DR-AA4B)	220.38	16.37
28 46 13 31-1187	EA	Red, One Tier, "AA" Size Door Assembly, Lock And Keys (Notifier DR-AA4BR)	220.38	16.37
28 46 13 31-1188	EA	Red, One Tier, "AA" Size Door Assembly With Window, Lock And Keys (Notifier DR-AA4R)	324.50	16.37
28 46 13 31-1189	EA	Red, One Tier, "A" Size Blank Door Assembly, Lock And Keys (Notifier DR-A4BR)	247.84	16.37
28 46 13 31-1190	EA	Red, One Tier, "A" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-A4R)	410.31	16.37
28 46 13 31-1191	EA	Red, Two Tier, "B" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-B4BR)	281.59	16.37
28 46 13 31-1192	EA	Red, Two Tier, "B" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-B4R)	488.11	16.37
28 46 13 31-1193	EA	Red, Three Tier, "C" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-C4BR)	403.44	16.37
28 46 13 31-1194	EA	Red, Three Tier, "C" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-C4R)	722.66	16.37
28 46 13 31-1195	EA	Red, Four Tier, "D" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-D4BR)	451.50	16.37
28 46 13 31-1196	EA	Red, Four Tier, "D" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-D4R)	864.54	16.37
28 46 13 31-1197	EA	Black, Two Tiers, Equipment Back Box Assembly (Notifier EQBB-B4)	421.31	32.74
28 46 13 31-1198	EA	Black, Three Tiers, Equipment Back Box Assembly (Notifier EQBB-C4)	618.10	32.74
28 46 13 31-1199	EA	Black, Four Tiers, Equipment Back Box Assembly (Notifier EQBB-D4)	723.37	32.74
28 46 13 31-1200	EA	Black, Vented, Two Tiers, Equipment Door Assembly (Notifier EQDR-B4)	440.76	32.74
28 46 13 31-1201	EA	Black, Vented, Three Tiers, Equipment Door Assembly (Notifier EQDR-C4)	661.58	32.74
28 46 13 31-1202	EA	Black, Vented, Four Tiers, Equipment Door Assembly (Notifier EQDR-D4)	771.42	32.74
28 46 13 31-1203	EA	Red, Two Tiers, Equipment Back Box Assembly (Notifier EQBB-B4R)	424.74	32.74
28 46 13 31-1204	EA	Red, Three Tiers, Equipment Back Box Assembly (Notifier EQBB-C4R)	618.10	32.74
28 46 13 31-1205	EA	Red, Four Tiers, Equipment Back Box Assembly (Notifier EQBB-D4R)	732.52	32.74
28 46 13 31-1206	EA	Red, Vented, Two Tiers, Equipment Door Assembly (Notifier EQDR-B4R)	461.36	32.74
28 46 13 31-1207	EA	Red, Vented, Three Tiers, Equipment Door Assembly (Notifier EQDR-C4R)	661.58	32.74
28 46 13 31-1208	EA	Red, Vented, Four Tiers, Equipment Door Assembly (Notifier EQDR-D4R)	771.42	32.74
28 46 13 31-1209	EA	Back Box With Door For ONYX Firstvision™ (Notifier FIRSTVISION-ENC)	4,637.11	163.70
28 46 13 31-1210	EA	CAB-4 Series Mounting Kit (Notifier P40-KITB) Note: Includes chassis, hinged dress plate, and mounting hardware.	396.14	32.74
28 46 13 31-1211	EA	Black, One Tier Back Box Assembly (Notifier SBB-A4)	465.60	98.22
28 46 13 31-1212	EA	Black, Two Tier Back Box Assembly (Notifier SBB-B4)	659.32	130.96
28 46 13 31-1213	EA	Black, Three Tier Back Box Assembly (Notifier SBB-C4)	873.07	130.96
28 46 13 31-1214	EA	Black, Four Tier Back Box Assembly (Notifier SBB-D4)	1,062.04	163.70
28 46 13 31-1215	EA	Black, Mini, One Tier, Back Box (Notifier SBB-AA4)	251.98	32.74
28 46 13 31-1216	EA	Red, Mini, One Tier, Back Box (Notifier SBB-AA4R)	251.98	32.74
28 46 13 31-1217	EA	Red, One Tier Back Box Assembly (Notifier SBB-A4R)	304.61	32.74
28 46 13 31-1218	EA	Red, Two Tier Back Box Assembly (Notifier SBB-B4R)	420.17	32.74
28 46 13 31-1219	EA	Red, Three Tier Back Box Assembly (Notifier SBB-C4R)	611.24	32.74
28 46 13 31-1220	EA	Red, Four Tier Back Box Assembly (Notifier SBB-D4R)	721.08	32.74
28 46 13 31-1221	EA	Trim Ring For NFS-320 Cabinet (Notifier TR-320)	240.09	19.64
28 46 13 31-1222	EA	Red, Trim Ring For NFS-320 Cabinet (Notifier TR-320R)	240.09	19.64
28 46 13 31-1223	EA	Black, AA Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-AA4)	321.90	19.64
28 46 13 31-1224	EA	Black, A Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-A4)	255.53	19.64
28 46 13 31-1225	EA	Black, B Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-B4)	257.25	19.64
28 46 13 31-1226	EA	Black, C Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-C4)	254.39	19.64
28 46 13 31-1227	EA	Black, D Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-D4)	260.68	19.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1228	EA	2" Filler Dress Plate For ADP-4B Installed In The Top Row Of A CAB-4 Series Back Box (Notifier VP-2B)	95.81	19.64
28 46 13 31-1229	EA	Wire Trays For Routing Wire In A CAB-4 Series Back Box (Notifier WC-2)	64.82	6.54
28 46 13 31-1230		**NFS2-3030/640 Cabinet Mechanicals** *(28 46 13 31-1125)*		
28 46 13 31-1231	EA	Dress Plate For Middle Rows With CPU2-640 (Notifier ADP2-640)	154.87	19.64
28 46 13 31-1232	EA	Blank Module Dress Plate (Notifier BM-1B)	127.95	19.64
28 46 13 31-1233	EA	Battery Dress Plate For NFS2-3030, NFS2-640, NCA-2 And DVC System (Notifier BP2-4)	145.37	19.64
28 46 13 31-1234	EA	Four Position Expansion Chassis (Notifier CHS-4MB)	313.06	16.37
28 46 13 31-1235	EA	Standard 1st Row Chassis Assembly For CPU-3030 (Notifier CHS-M3)	326.21	49.11
28 46 13 31-1236	EA	Dress Plate For Top Row With CPU2-640 (Notifier DP-DISP2)	161.20	19.64
28 46 13 31-1237		**NFS-3030/640 Cabinet Mechanicals** *(28 46 13 31-1125)*		
28 46 13 31-1238	EA	Annunciator Dress Plate (Notifier ADP-4B)	146.95	19.64
28 46 13 31-1239	EA	Blank Module Dress Plate (Notifier BMP-1)	91.54	19.64
28 46 13 31-1240	EA	Low Profile Four Position Chassis For AA-30 Or LDM (Notifier CHS-4L)	207.18	32.74
28 46 13 31-1241	EA	Module Dress Plate (Notifier MP-1B)	148.54	19.64
28 46 13 31-1242		**Battery Cabinets** *(28 46 13 31-1125)*		
28 46 13 31-1243	EA	Six Position Chassis (Notifier CHS-6)	132.45	32.74
28 46 13 31-1244	EA	Black, 24" x 14" x 7-3/4" Battery Back Box (Notifier NFS-LBB)	661.92	98.22
28 46 13 31-1245		**Digital Voice** *(28 46 13 31-1125)*		
28 46 13 31-1246	EA	Chassis Used With BB-XP (Notifier 18439)	61.92	16.37
28 46 13 31-1247	EA	220 Volt AC, 100 Watt, 70.7 VRMS, Tone Generator, Audio Amplifier (Notifier AA-100E)	3,237.49	49.11
28 46 13 31-1248	EA	220 Volt AC, 120 Watt, 25 VRMS, Tone Generator, Audio Amplifier (Notifier AA-120E)	3,145.82	49.11
28 46 13 31-1249	EA	220 Volt AC, 30 Watt, 25 VRMS Audio Amplifier (Notifier AA-30E)	1,569.42	49.11
28 46 13 31-1250	EA	Black, Two Tier Door For CA-2 Chassis Configuration (Notifier ADDR-B4)	679.28	49.11
28 46 13 31-1251	EA	Black, Three Tier Door For CA-2 Chassis Configuration (Notifier ADDR-C4)	921.02	65.48
28 46 13 31-1252	EA	Black, Four Tier Door For CA-2 Chassis Configuration (Notifier ADDR-D4)	1,146.92	81.85
28 46 13 31-1253	EA	Multimode Audio Fiber Link Receiver (Notifier AFL-RM)	1,368.37	32.74
28 46 13 31-1254	EA	Multimode Audio Fiber Link Transmitter (Notifier AFL-TM)	1,368.37	32.74
28 46 13 31-1255	EA	Single Mode Audio Fiber Link Transmitter (Notifier AFL-TS)	2,952.28	32.74
28 46 13 31-1256	EA	15" x 8-3/8" x 3-3/8", Flush Or Surface Mounted Back Box (Notifier AFAWS-BX)	126.27	16.37
28 46 13 31-1257	EA	Flush Mounted, Key Lock, Door (Notifier AFAWS-KR)	211.23	16.37
28 46 13 31-1258	EA	Surface Mounted, Key Lock, Door (Notifier AFAWS-KS)	212.37	16.37
28 46 13 31-1259	EA	Flush Mounted, Latch Style Lock, Door (Notifier AFAWS-LR)	205.51	16.37
28 46 13 31-1260	EA	Surface Mounted, Latch Style Lock, Door (Notifier AFAWS-LS)	207.80	16.37
28 46 13 31-1261	EA	Armored Coil Cord, Telephone Chassis (Notifier AFAWS-TELA)	420.61	16.37
28 46 13 31-1262	EA	Coil Cord, Telephone Chassis (Notifier AFAWS-TELC)	322.21	16.37
28 46 13 31-1263	EA	Hammer Attached To Chain, Breakglass Insert (Notifier BRKG-B)	132.09	
28 46 13 31-1264	EA	For 25 VRMS DAX Or DAA2 Series, Back-Up Digital Amplifier (Notifier BDA-25V)	809.35	32.74
28 46 13 31-1265	EA	For 70 VRMS DAX Or DAA2 Series, Back-Up Digital Amplifier (Notifier BDA-70V)	816.86	32.74
28 46 13 31-1266	EA	Blank Dress Plate For CA-2 (Notifier BP-CA2)	124.56	16.37
28 46 13 31-1267	EA	One Tier Chassis For Digital Voice Command Panel (Notifier CA-1)	179.48	32.74
28 46 13 31-1268	EA	Two Tier Chassis For Digital Voice Command Panel, With MIC-1 (Notifier CA-2)	563.70	49.11
28 46 13 31-1269	EA	Black, 6.08" x 8.301" x 3.655", Remote Cabinet (Notifier CAB-RM)	250.26	32.74
28 46 13 31-1270	EA	Red, 6.08" x 8.301" x 3.655", Remote Cabinet (Notifier CAB-RMR)	250.26	32.74
28 46 13 31-1271	EA	Chassis, Phone Well, TELH-1 And Hardware (Notifier CFFT-1)	318.78	16.37
28 46 13 31-1272	EA	Chassis With Paging Microphone With Well (Notifier CMIC-1)	315.35	16.37
28 46 13 31-1273	EA	120 Volt AC, 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025)	2,342.24	32.74
28 46 13 31-1274	EA	Multi-Mode Fiber-Optic Media 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025F)	2,029.56	32.74
28 46 13 31-1275	EA	Single-Mode Fiber-Optic Media 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025SF)	2,029.56	32.74
28 46 13 31-1276	EA	120 Volt AC, 50 Watt, 70 VRMS Digital Audio Amplifier (Notifier DAA-5070)	2,418.23	32.74
28 46 13 31-1277	EA	Multi-Mode Fiber-Optic Media 50 Watt, 70 VRMS Digital Audio Amplifier (Notifier DAA-5070F)	2,148.60	32.74
28 46 13 31-1278	EA	120 Volt AC, 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525)	2,511.65	32.74
28 46 13 31-1279	EA	Single-Mode Fiber-Optic Media 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525SF)	2,654.50	32.74
28 46 13 31-1280	EA	Single-Mode Fiber-Optic Media 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525SF)	2,654.50	32.74
28 46 13 31-1281	EA	220-240 Volt AC, 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA2-5025E)	2,636.70	32.74
28 46 13 31-1282	EA	220-240 Volt AC, 50 Watt, 70 VRMS Digital Audio Amplifier (Notifier DAA2-5070E)	2,711.84	32.74
28 46 13 31-1283	EA	220-240 Volt AC, 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA2-7525E)	2,829.06	32.74
28 46 13 31-1284	EA	120 Volt AC, 35 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-3525)	1,784.64	32.74
28 46 13 31-1285	EA	220-240 Volt AC, 35 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-3525E)	1,832.73	32.74
28 46 13 31-1286	EA	120 Volt AC, 35 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-3570)	1,876.31	32.74
28 46 13 31-1287	EA	220-240 Volt AC, 35 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-3570E)	1,939.42	32.74
28 46 13 31-1288	EA	120 Volt AC, 50 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-5025)	1,952.95	32.74
28 46 13 31-1289	EA	220-240 Volt AC, 50 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-5025E)	2,011.55	32.74
28 46 13 31-1290	EA	120 Volt AC, 50 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-5070)	2,070.16	32.74
28 46 13 31-1291	EA	220-240 Volt AC, 50 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-5070E)	2,175.36	32.74
28 46 13 31-1292	EA	Dress Plate For CFFT-1 (Notifier DP-CFFT)	144.01	16.37
28 46 13 31-1293	EA	Dress Panel For One Tier Chassis For Digital Voice Command Panel (Notifier DPA-1)	139.04	19.64
28 46 13 31-1294	EA	Dress Panel For One Tier Chassis For Digital Voice Command Panel, Supports Keypad (Notifier DPA-1A4)	161.20	19.64
28 46 13 31-1295	EA	Dress Panel For Two Tier Chassis For Digital Voice Command Panel (Notifier DPA-2B)	279.95	19.64
28 46 13 31-1296	EA	WPS Power Amplifier (Notifier DPA3204P)	964.13	32.74
28 46 13 31-1297	EA	WPS Power Amplifier (Notifier DPA4001P)	809.35	32.74
28 46 13 31-1298	EA	Modem Interface For Direct Wire (No Dial-Up Capabilities) For Interconnecting Panels (Notifier DPI-232)	1,855.27	32.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1299	EA	120 Volt AC,125 Watt, 25 VRMS Digital Series Amplifier (Notifier DS-AMP) Note: Can Be Converted To 70 VRMS, 100 Watts With A DS-XF70V	1,381.90	32.74
28 46 13 31-1300	EA	220-240 Volt AC, 125 Watt, 25 VRMS Digital Series Amplifier (Notifier DS-AMPE) Note: Can Be Converted To 70 VRMS, 100 Watts With A DS-XF70V	1,398.43	32.74
28 46 13 31-1301	EA	Digital Series Distribution Board, Supports One To Four DS-AMP Or DS-AMPE (Notifier DS-DB)	2,345.17	32.74
28 46 13 31-1302	EA	125 Watt, 25 VRMS DS Series Backup Amplifier Board (Can Be Converted To 70 VRMS, 100 Watt Amplifier With A DS-XF70V) (Notifier DS-BDA)	899.51	32.74
28 46 13 31-1303	EA	Converts One DAX Or DAA2 DAL Port To Multi-Mode Fiber, Fiber Option Module (Notifier DS-FM)	372.11	32.74
28 46 13 31-1304	EA	Converts One DAX Or DAA2 Port To ST Style Multi-Mode Fiber (For Connection To DVC-EMF Or DAA-XXXF Series Amplifier), Fiber Option Module (Notifier DS-RFM)	372.11	32.74
28 46 13 31-1305	EA	Converts One DAX Or DAA2 DAL Port To Single-Mode Fiber, Fiber Option Module (Notifier DS-SFM)	372.11	32.74
28 46 13 31-1306	EA	Converts DS-AMP, DS-AMPE, Or DS-BDA To 70 VRMS, 100 Watt, DS Series Transformer (Notifier DS-XF70V)	160.73	32.74
28 46 13 31-1307	EA	Analog Output Board For Digital Voice Command (Notifier DVC-AO)	405.89	32.74
28 46 13 31-1308	EA	Extended Memory For Digital Voice Command (Notifier DVC-EM)	2,361.24	32.74
28 46 13 31-1309	EA	Keypad For Digital Voice Command (Notifier DVC-KD)	677.19	65.48
28 46 13 31-1310	EA	Microphone For NFC-50/100, NFC-LOC, NFC-RPU And NFC-RM (Notifier ECC-MICROPHONE)	293.42	
28 46 13 31-1311	EA	Portable Fireman's Telephone Handset (Notifier FHS)	176.14	
28 46 13 31-1312	EA	Red, Fireman's Telephone Handset (Notifier FHS-F)	204.17	
28 46 13 31-1313	EA	Recessed, Fireman's Handset Storage Cabinet, Holds Six Handsets (Notifier FHSC-R)	511.70	32.74
28 46 13 31-1314	EA	Surface Mounted, Fireman's Handset Storage Cabinet, Holds Six Handsets (Notifier FHSC-S)	511.70	32.74
28 46 13 31-1315	EA	Fireman's Phone Jack On A Single Gang Plate (Notifier FPJ)	83.94	9.82
28 46 13 31-1316	EA	Paging Microphone Only (Notifier MIC-1)	272.89	32.74
28 46 13 31-1317	EA	Firefighter's Telephone Handset (Notifier TELH-1)	201.31	
28 46 13 31-1318	EA	Remote Microphone Assembly For Mounting On An ADP-4 Dress Plate (Notifier RM-1)	681.38	32.74
28 46 13 31-1319	EA	Remote Microphone Assembly For Mounting In A Stand-Alone Cabinet (Notifier RM-1SA)	681.38	32.74
28 46 13 31-1320		**Amplifiers** *(28 46 13 31-1125)*		
28 46 13 31-1321	EA	30 Watt Audio Amplifier At 25 VRMS, 120 Volt AC (Notifier AA-30)	1,314.69	32.74
28 46 13 31-1322	EA	100 Watt Audio Amplifier At 70.7 VRMS, 120 Volt AC, Tone Generator (Notifier AA-100)	2,874.22	32.74
28 46 13 31-1323	EA	120 Watt Audio Amplifier At 25 VRMS, 120 Volt AC, Tone Generator (Notifier AA-120)	2,791.89	32.74
28 46 13 31-1324	EA	Audio Coupling Transformer (Notifier ACT-1)	196.89	32.74
28 46 13 31-1325	EA	Audio Coupling Transformer For DVC-AO (Notifier ACT-4)	231.72	32.74
28 46 13 31-1326	EA	Audio Coupling Transformer For DAA-5025 (Notifier ACT-25)	231.72	32.74
28 46 13 31-1327	EA	Audio Coupling Transformer For DAA-5070 (Notifier ACT-70)	231.72	32.74
28 46 13 31-1328	EA	50 Watt, 25 Volt, 120 VAC Digital Amplifier (Notifier DAA2-5025)	2,524.00	32.74
28 46 13 31-1329	EA	50 Watt, 70 Volt, 120 VAC Digital Amplifier (Notifier DAA2-5070)	2,611.16	32.74
28 46 13 31-1330	EA	75 Watt, 25 Volt, 120 VAC Digital Amplifier (Notifier DAA2-7525)	2,713.34	32.74
28 46 13 31-1331	EA	Distributed Amplifier With Backup Capability (Notifier NFC-50/100DA) Note: Requires NFC-BDA-BU	4,964.48	32.74
28 46 13 31-1332	EA	50 Watt, 25 Volt Amplifier For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-25V) Note: Requires NFC-BDA-BU	974.65	32.74
28 46 13 31-1333	EA	50 Watt, 70 Volt Amplifier For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-70V) Note: Requires NFC-BDA-BU	979.16	32.74
28 46 13 31-1334		**FireVoice-25/50 Emergency Voice Evacuation Control Panels** *(28 46 13 31-1125)*		
28 46 13 31-1335	EA	25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50)	5,425.25	654.80
28 46 13 31-1336	EA	Single Channel 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50DA)	3,809.35	654.80
28 46 13 31-1337	EA	Single Channel 25 Watt, 25 VRMS Voice Evacuation Control Panel Used With NFV-25/50ZS (Notifier NFV-25/50DAZS)	4,969.94	654.80
28 46 13 31-1338	EA	Zoned System 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50ZS)	6,487.64	654.80
28 46 13 31-1339	EA	Zoned System With Telephone 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50ZST)	7,184.00	654.80
28 46 13 31-1340		**System Printer** *(28 46 13 31-1125)*		
28 46 13 31-1341	EA	80 Column, 120 Volt AC, Desktop Printer (Notifier PRN-6)	2,855.22	32.74
28 46 13 31-1342		**Batteries** *(28 46 13 31-1125)*		
28 46 13 31-1343	EA	5 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-1250-BP)	661.58	32.74
28 46 13 31-1344	EA	7 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-1270-BP)	606.96	32.74
28 46 13 31-1345	EA	12 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-12120-BP)	800.12	32.74
28 46 13 31-1346	EA	18 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-12180-BP)	464.47	32.74
28 46 13 31-1347	EA	26 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-12260-BP)	651.29	32.74
28 46 13 31-1348	EA	55 Ampere Hours, 12 Volt DC, Sealed Battery (Notifier BAT-12550)	649.71	32.74
28 46 13 31-1349	EA	100 Ampere Hours, 12 Volt DC, Sealed Battery (Notifier BAT-121000)	1,037.30	32.74
28 46 13 31-1350		**Battery Back Boxes And Miscellaneous Mechanicals** *(28 46 13 31-1125)*		
28 46 13 31-1351	EA	14-1/2" x 8-1/4" x 4-3/4", Holds Up To Two BAT-12180 Batteries, Battery Back Box (Notifier BB-17)	183.40	26.19
28 46 13 31-1352	EA	24" x 12.55" x 5.218", Mounts Up To Six XP6 Boards Or ACPS-610, Cabinet (Notifier BB-25) Note: XP6 modules require a CHS-6.	306.39	26.19
28 46 13 31-1353	EA	15.6" x 15.5" x 5.152", Mounts Up To Two 26 Ampere Hours And Charger, Battery Back Box (Notifier BB-26)	512.08	130.96
28 46 13 31-1354	EA	Holds Up To Two BAT-12120 12 Ampere Hours Batteries, Battery Holder (Notifier CHS-BH)	236.79	65.48
28 46 13 31-1355	EA	Holds Up To Two BAT-12120 12 Ampere Hours Batteries, Battery Holder (Notifier CHS-BH1)	131.71	16.37
28 46 13 31-1356	EA	Battery Bracket For Two 26 Ampere Hours Batteries (Notifier SEISKIT-BB25)	301.84	26.19
28 46 13 31-1357	EA	Two 26 Ampere Hours Battery Bracket Seismic Kit For CAB-4 Series Cabinets (Notifier SEISKIT-CAB)	244.61	26.19
28 46 13 31-1358	EA	Two 12 Ampere Hours Battery Bracket Seismic Kit For DAX, DAA, And DAA2 Series Amplifiers (Notifier SEISKIT-DAA)	271.49	26.19
28 46 13 31-1359	EA	Two 55 Ampere Hours Battery Bracket Seismic Kit For NFS-LBB (Notifier SEISKIT-LBB)	289.23	26.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1360	EA	Two 7, 12, Or 18 Ampere Hour Battery Bracket Seismic Kit For FIREVOICE 25/50 Series (Notifier SEISKIT-2550)	428.82	26.19
28 46 13 31-1361	EA	Two 26 Ampere Hour Battery Bracket Seismic Kit For NFS-320 And BB-26 Series (Notifier SEISKIT-320/B26)	254.90	26.19
28 46 13 31-1362	EA	Two 100 Ampere Hour Battery Bracket Seismic Kit For BB-100 And BB-200 Series (Notifier SEISKIT-BB100) Note: Two kits are required for the BB-200	360.17	26.19
28 46 13 31-1363	EA	Two 18 Ampere Hour Battery Bracket Seismic Kit For BB-17 Series (Notifier SEISKIT-BB17) Note: Two kits are required for the BB-200	312.11	26.19
28 46 13 31-1364	EA	Two 26 Ampere Hour Battery Bracket Seismic Kit For BB-25 Series (Notifier SEISKIT-BB25) Note: Two kits are required for the BB-200	318.98	26.19
28 46 13 31-1365	EA	Two 7, 12, Or 18 Ampere Hour Battery Bracket Seismic Kit For SFP-5UD, SFP-10UD, Firewarden 100-2, RP-2001, And RP-2002 Series (Notifier SEISKIT-COMMENC) Note: Two kits are required for the BB-200	278.93	26.19
28 46 13 31-1366	EA	Two 7 Or 12 Ampere Hour Battery Bracket Seismic Kit For FCPS-24S6/8, CAB-PS1, SFP-2402 And SFP-2404 Series (Notifier SEISKIT-PS/2/4) Note: Two kits are required for the BB-200	261.77	26.19
28 46 13 31-1367		**Power Supplies And Chargers** *(28 46 13 31-1125)*		
28 46 13 31-1368	EA	120 Volt AC, 6 Or 10 Amperes, Addressable Charging Power Supply (Notifier ACPS-610)	2,169.02	49.11
28 46 13 31-1369	EA	220/240 Volt AC, 6 Or 10 Amperes, Addressable Charging Power Supply (Notifier ACPS-610E)	2,277.22	49.11
28 46 13 31-1370	EA	Addressable Power Supply, 120 Volt AC For NFS-3030, NFS2-3030 And NCA-2 (Notifier AMPS-24)	2,011.33	32.74
28 46 13 31-1371	EA	6A Auxiliary Power Supply (Notifier APS-6R)	1,088.59	32.74
28 46 13 31-1372	EA	10 Amperes Battery Charger (Notifier BC10A)	1,189.74	49.11
28 46 13 31-1373	EA	33.34" x 22.5" x 7.5", Combination Power Supply And Battery Enclosure For NFS-3030 Or NFS2-3030 (Notifier BB-100) Note: Holds four 55 ampere hour or two 100 ampere hour batteries	654.09	39.29
28 46 13 31-1374	EA	Red, 33.34" x 22.5" x 7.5", Combination Power Supply And Battery Enclosure For NFS-3030 Or NFS2-3030 (Notifier BB-100R) Note: Holds four 55 ampere hour or two 100 ampere hour batteries	662.10	39.29
28 46 13 31-1375	EA	30.34" x 36.5" x 7.5", Combination Power Supply And Battery Enclosure For NFS2-3030 (Notifier BB-200) Note: Holds four 55 ampere hour or four 100 ampere hour batteries	1,273.27	39.29
28 46 13 31-1376	EA	30.34" x 36.5" x 7.5", Holds Four 55 Ampere Hours Or Four 100 Ampere Hours Batteries, For NFS2-3030, Red, Combination Power Supply And Battery Enclosure (Notifier BB-200R)	1,273.27	39.29
28 46 13 31-1377	EA	15.218" x 14.5" x 3.562" ACPS Stand-Alone Cabinet (Notifier CAB-PS1)	230.24	32.74
28 46 13 31-1378	EA	25 To 120 Ampere Hours Battery Charger (Notifier CHG-120)	1,549.01	32.74
28 46 13 31-1379	EA	Mounts XPIQ-Ps And/or CHS-BH In A CAB-3/4 Row, Also Mount One ACPS-610 In CAB-3 Row, Chassis Assembly (Notifier CHS-PS)	103.68	16.37
28 46 13 31-1380	EA	Door Used For Mounting ACPS-610 (E) In a CAB-PS1 Cabinet When Replacing ACPS-2406 (Notifier DR-PS1)	162.60	16.37
28 46 13 31-1381	EA	8 Amperes, 120 Volt AC Remote Charger Power Supply (Notifier FCPS-24S8)	1,024.95	32.74
28 46 13 31-1382	EA	8.0 Amperes, 240 Volt AC Remote Charger Power Supply (Notifier FCPS-24S8E)	1,236.35	98.22
28 46 13 31-1383	EA	Red, 8 Amperes, 240 Volt AC Remote Charger Power Supply (Notifier FCPS-24S8R)	1,180.75	98.22
28 46 13 31-1384	EA	8 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8)	1,374.60	98.22
28 46 13 31-1385	EA	8 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8E)	1,362.58	98.22
28 46 13 31-1386	EA	Chassis Mounted, 8 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8CM)	1,354.53	49.11
28 46 13 31-1387	EA	Chassis Mounted, 8 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8CME)	1,354.53	49.11
28 46 13 31-1388	EA	12 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF12)	1,686.64	49.11
28 46 13 31-1389	EA	12 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF12E)	1,610.00	49.11
28 46 13 31-1390	EA	12 Amperes, 24 Volt DC, 120 Volt AC, Chassis Mounted, NAC Fire Alarm Power Supply (Notifier HPFF12CM)	1,712.18	98.22
28 46 13 31-1391	EA	12 Amperes, 24 Volt DC, 220 Volt AC, Chassis Mounted, NAC Fire Alarm Power Supply (Notifier HPFF12CME)	1,712.18	98.22
28 46 13 31-1392	EA	6 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S6)	1,153.70	98.22
28 46 13 31-1393	EA	6 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S6E)	1,153.70	98.22
28 46 13 31-1394	EA	8 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S8)	1,249.87	98.22
28 46 13 31-1395	EA	8 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S8E)	1,249.87	98.22
28 46 13 31-1396	EA	6 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF602ULADA)	992.90	98.22
28 46 13 31-1397	EA	9 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF902ULADA)	1,180.75	98.22
28 46 13 31-1398	EA	Class A Adapter HPFF8/HPFF12 (Notifier HPP31076)	256.65	16.37
28 46 13 31-1399	EA	Up To 3 Amperes, Main Power Supply And Charger (Notifier MPS-24A)	1,583.18	32.74
28 46 13 31-1400	EA	Class A (Style Y) NAC Option Module For FCPS-2406 And FCPS-2408 (Notifier ZNAC-4)	227.95	32.74
28 46 13 31-1401	EA	240 Volt AC Addressable Power Supply (Notifier AMPS-24E)	1,774.84	32.74
28 46 13 31-1402	EA	6 Amperes, 120 Volt AC Auxiliary Power Supply (Notifier APS2-6R)	1,197.28	98.22
28 46 13 31-1403	EA	6 Amperes, 220-240 Volt AC Auxiliary Power Supply (Notifier APS2-6RE)	1,249.87	98.22
28 46 13 31-1404	EA	25 To 75 Ampere Hour Sealed Lead Acid Battery Charger (Notifier CHG-75)	1,171.51	32.74
28 46 13 31-1405	EA	6 Amperes, 240 Volt AC Remote Charger Power Supply (Notifier FCPS-24S6E)	1,152.20	98.22
28 46 13 31-1406	EA	6 Amperes, 120 Volt AC Remote Charger Power Supply (Notifier FCPS-24S6R)	1,123.64	98.22
28 46 13 31-1407		**Network Control Annunciators** *(28 46 13 31-1125)*		
28 46 13 31-1408	EA	Network Control Annunciator For NFS2-3030, NFS-3030, NFS-320, NFS-640 And NFS2-640 (Notifier NCA-2)	2,808.85	98.22
28 46 13 31-1409	EA	Retro-Fit Plate For Mounting NCA2 (Notifier NCA-2RETRO)	104.20	19.64
28 46 13 31-1410	EA	Kit For Mounting NCA-2 To CHS-M2 (Notifier NCA/640-2-Kit)	74.12	19.64
28 46 13 31-1411		**FIRSTVISION Firefighter's Display** *(28 46 13 31-1125)*		
28 46 13 31-1412	EA	ONYX Firstvision™ Touchscreen Assembly (Notifier FIRSTVISION-LCD)	21,618.57	654.80
28 46 13 31-1413		**FlashScan Addressable Modules** *(28 46 13 31-1125)*		
28 46 13 31-1414	EA	Intelligent Addressable Control Module (Notifier FCM-1)	238.06	32.74
28 46 13 31-1415	EA	Addressable Dual Monitor Module (Notifier FDM-1)	266.56	32.74
28 46 13 31-1416	EA	Intelligent Addressable Monitor Module (Notifier FMM-1)	196.89	32.74
28 46 13 31-1417	EA	Intelligent Addressable Miniature Monitor Module (Notifier FMM-101)	174.73	32.74
28 46 13 31-1418	EA	Intelligent Addressable 4 - 20mA Analog Input Module (Notifier FMM-4-20)	366.30	32.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1419	EA	Intelligent Addressable Relay Module (Notifier FRM-1)	192.77	32.74
28 46 13 31-1420	EA	Intelligent Addressable 2-Wire Detector Monitor Module (Notifier FZM-1)	301.39	32.74
28 46 13 31-1421	EA	SLC Loop Powered Fault Isolator Module (Notifier ISO-X)	193.73	32.74
28 46 13 31-1422		**Addressable Device Bases And Accessories** *(28 46 13 31-1125)*		
28 46 13 31-1423	EA	Intelligent Detector Base With Flange (Notifier B710LP)	66.66	16.37
28 46 13 31-1424	EA	Weatherproof Device Housing (Notifier DH400OE-1)	621.21	32.74
28 46 13 31-1425	EA	Detector Base For All Wireless Smoke And Heat Detectors (Notifier B210W)	61.92	16.37
28 46 13 31-1426	EA	Swift AV Base Ceiling (Notifier WAV-CRL)	329.07	16.37
28 46 13 31-1427	EA	Swift AV Base Wall (Notifier WAV-RL)	329.07	16.37
28 46 13 31-1428		**XP6/XP10 Transponder** *(28 46 13 31-1125)*		
28 46 13 31-1429	EA	Synchronization Daughter Module For XP6-C (Notifier SYNC-1)	173.93	32.74
28 46 13 31-1430	EA	Six Circuit Supervised Control Module (Notifier XP6-C)	895.12	32.74
28 46 13 31-1431	EA	Six Zone Intelligent To Conventional Interface Module (Notifier XP6-MA)	1,085.11	32.74
28 46 13 31-1432	EA	Six Relay Control Module (Notifier XP6-R)	860.29	32.74
28 46 13 31-1433	EA	Ten Input Monitor Module (Notifier XP10-M)	1,037.61	32.74
28 46 13 31-1434		**LCD Display Annunciators** *(28 46 13 31-1125)*		
28 46 13 31-1435	EA	80 Character LCD Fire Annunciator For FireWarden-100-2, NFS-640, NFS2-640 And NFS-320 (Notifier FDU-80)	1,138.49	98.22
28 46 13 31-1436	EA	80 Character LCD Annunciator For NFS-640, NFS-3030, NFS2-640, NFS2-3030 And NFS-320 (Notifier LCD-80)	1,605.56	98.22
28 46 13 31-1437	EA	640 Character LCD Annunciator For NFS-3030 And NFS2-3030 (Notifier LCD-160)	1,662.56	98.22
28 46 13 31-1438	EA	8 To 16 Switch Smoke Control Expander (Notifier SCE-8)	939.61	32.74
28 46 13 31-1439	EA	8 To 16 Switch Smoke Control Lamp Driver Expander (Notifier SCE-8L)	499.11	32.74
28 46 13 31-1440	EA	Eight Switch Smoke Control Master Module (Notifier SCS-8)	1,216.49	32.74
28 46 13 31-1441	EA	White, 80 Character Display, Remote LCD Annunciator (Notifier N-ANN-80-W)	809.57	98.22
28 46 13 31-1442		**ONYX ACM And AEM Series LED Annunciators** *(28 46 13 31-1125)*		
28 46 13 31-1443	EA	Remote, Eight Form C Relay Module (Notifier ACM-8R)	539.16	32.74
28 46 13 31-1444	EA	16 Alarm LEDs, 16 Trouble LEDs, 16 Controls Switches, Annunciator Control Module (Notifier ACM-16AT)	1,188.03	32.74
28 46 13 31-1445	EA	16 Alarm LEDs, 16 Trouble LEDs, 16 Control Switches, Annunciator Expander Module (Notifier AEM-16AT)	907.78	32.74
28 46 13 31-1446	EA	24 Alarm LEDs, 24 Trouble LEDs, 24 Control Switches, Annunciator Control Module (Notifier ACM-24AT)	1,188.03	32.74
28 46 13 31-1447	EA	24 Alarm LEDs, 24 Trouble LEDs, 24 Control Switches, Annunciator Expander Module (Notifier AEM-24AT)	907.78	32.74
28 46 13 31-1448	EA	32 Alarm LEDs And 1 Trouble LED, Control Module (Notifier ACM-32A)	907.78	32.74
28 46 13 31-1449	EA	32 Alarm And 1 Trouble LED, Annunciator Expander Module (Notifier AEM-32A)	812.79	32.74
28 46 13 31-1450	EA	48 Alarm And 1 Trouble LED Annunciator Control Module (Notifier ACM-48A)	907.78	32.74
28 46 13 31-1451	EA	48 Alarm And 1 Trouble LED, Annunciator Expander Module (Notifier AEM-48A)	812.79	32.74
28 46 13 31-1452		**Graphic Annunciator - Lamp Driver Modules** *(28 46 13 31-1125)*		
28 46 13 31-1453	EA	Single Annunciator Flush Mounted Back Box (Notifier ABF-1B)	362.12	65.48
28 46 13 31-1454	EA	Single Annunciator Flush Mounted Back Box With Glass Door And Key Lock (Notifier ABF-1DB)	395.37	65.48
28 46 13 31-1455	EA	Two Annunciator Flush Mounted Back Box (Notifier ABF-2B)	453.44	81.85
28 46 13 31-1456	EA	Two Annunciator Flush Mounted Back Box With Glass Door And Key Lock (Notifier ABF-2DB)	496.19	81.85
28 46 13 31-1457	EA	Four Annunciator Flush Mounted Back Box (Notifier ABF-4B)	802.33	114.59
28 46 13 31-1458	EA	Annunciator Blank Plate Used With ACM-32A/ACM-16AT (Notifier ABM-1)	142.99	19.64
28 46 13 31-1459	EA	Single Annunciator Surface Mounted Back Box (Notifier ABS-1B)	226.75	65.48
28 46 13 31-1460	EA	Single Annunciator Surface Mounted Back Box With Trim (Notifier ABS-1TB)	165.65	16.37
28 46 13 31-1461	EA	Two Annunciator Surface Mounted Back Box (Notifier ABS-2B)	287.70	65.48
28 46 13 31-1462	EA	12" x 12" x 3-3/4" Surface Or Semi-Flush Mount Back Box (Notifier ABS-2D)	518.35	81.85
28 46 13 31-1463	EA	Red, Surface (Or Semi-Flush) Mounted Back Box For ACS Annunciators, SCS Series, NCA And NCA-2 (Notifier ABS-2DR)	305.89	16.37
28 46 13 31-1464	EA	Black, 12" x 20" x 3-1/2" Surface Or Semi-Flush Back Box (Notifier ABS-4D)	845.08	114.59
28 46 13 31-1465	EA	Red, 12" x 20" x 3-1/2" Surface Or Semi-Flush Back Box (Notifier ABS-4DR)	513.64	19.64
28 46 13 31-1466	EA	Black, 9-15/16" x 4-5/8" x 2-1/2" Surface Back Box (Notifier ABS-8RB)	202.38	26.19
28 46 13 31-1467	EA	Annunciator Key Switch (Notifier AKS-1B)	117.18	9.82
28 46 13 31-1468	EA	Chassis Used To Mount NCA-2 In ABS-2D (Notifier CHS-2D)	132.77	32.74
28 46 13 31-1469	EA	32 Alarm Lamp Driver Annunciator Control Module (Notifier LDM-32)	812.79	32.74
28 46 13 31-1470	EA	24" Lamp Driver Annunciator Cable (Notifier LDM-CBL24)	204.75	6.54
28 46 13 31-1471	EA	48" Lamp Driver Annunciator Cable (Notifier LDM-CBL48)	256.23	6.54
28 46 13 31-1472	EA	32 Alarm Lamp Driver Annunciator Expander Module (Notifier LDM-E32)	668.71	32.74
28 46 13 31-1473	EA	Lamp Driver Module (Notifier LDM-R32)	997.96	32.74
28 46 13 31-1474	EA	Eight Switch Smoke Control Lamp Driver Master Module (Notifier SCS-8L)	925.88	32.74
28 46 13 31-1475	EA	48" Cable Assembly For Smoke Control Lamp Driver (Notifier SCS8L-CBL48)	263.10	6.54
28 46 13 31-1476	EA	Black, Trim Ring For ABS-2D Cabinet (Notifier TR-ABS2D)	237.80	19.64
28 46 13 31-1477	EA	Black, Trim Ring For ABS-4D Cabinet (Notifier TR-ABS4D)	123.43	19.64
28 46 13 31-1478	EA	Red, Trim Ring For ABS-4D Cabinet (Notifier TR-ABS4DR)	123.43	19.64
28 46 13 31-1479	EA	Graphic Annunciator Dress Plate (Notifier DP-GDIS1)	227.50	19.64
28 46 13 31-1480	EA	Graphic Annunciator Dress Plate (Notifier DP-GDIS2)	227.50	19.64
28 46 13 31-1481	EA	Input/Output Module For Driving Graphic Annunciators Or Relays (Notifier N-ANN-RLED)	606.11	32.74
28 46 13 31-1482		**Network Gateways** *(28 46 13 31-1125)*		
28 46 13 31-1483	EA	Common Alerting Protocol Gateway (Notifier CAP-GW)	4,724.04	32.74
28 46 13 31-1484	EA	Fiber-Optic Cable Interface (Multi-Mode), High-Speed Network Communications Module (Notifier HS-NCM-MF)	3,509.81	32.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1485	EA	Fiber-Optic Cable Interface (Multi-Mode Fiber To Single-Mode Fiber), High-Speed Network Communications Module (Notifier HS-NCM-MFSF)	3,957.63	32.74
28 46 13 31-1486	EA	Fiber-Optic Cable Interface (Single-Mode), High-Speed Network Communications Module (Notifier HS-NCM-SF)	4,363.37	32.74
28 46 13 31-1487	EA	Twisted-Pair Wire Interface, High-Speed Network Communications Module (Notifier HS-NCM-W)	3,541.36	32.74
28 46 13 31-1488	EA	Wire And Fiber-Optic Cable Interface, High-Speed Network Communications Module (Multi-Mode) (Notifier HS-NCM-WMF)	3,445.19	32.74
28 46 13 31-1489	EA	Wire And Fiber-Optic Cable Interface (Single-Mode), High-Speed Network Communications Module (Notifier HS-NCM-WSF)	3,882.49	32.74
28 46 13 31-1490	EA	Modbus Gateway (Notifier MODBUS-GW)	3,867.46	32.74
28 46 13 31-1491	EA	22" Widescreen HD LED Color Monitor With Speakers (Notifier MON-22LCDW)	4,474.50	21.60
28 46 13 31-1492	EA	Capacitive Touch-Screen, 22" Widescreen HD LED Color Monitor With Speakers (Notifier MON-22LCDW-TS)	6,668.53	21.60
28 46 13 31-1493	EA	1920x1080P Wide Screen (Notifier MON-42LCDW)	21,200.22	21.60
28 46 13 31-1494	EA	Single Monitor, Wall Mounted, Horizontal, Tilt, Bracket (Notifier MON-42HORZ-SD)	634.76	49.11
28 46 13 31-1495	EA	Single Monitor, Vertical Mounted, Bracket (Notifier MON-42VERT-SD)	1,153.00	49.11
28 46 13 31-1496	EA	Dual Monitors, Vertical Wall Mounted, Fixed Position, Bracket (Notifier MON-42VERT-DD)	1,677.34	49.11
28 46 13 31-1497	EA	Mass Notification Voice Paging (Notifier NOTIFY-IP)	1,779.27	
28 46 13 31-1498	EA	Embedded NFN Gateway (Notifier NFN-GW-EM)	3,453.70	32.74
28 46 13 31-1499	EA	NFN Gateway PC Card With Fiber (Notifier NFN-GW-PC-F)	3,453.70	32.74
28 46 13 31-1500	EA	High Speed NFN Gateway PC Card For Multimode Fiber (Included With ONYXworks-HNMF) (Notifier NFN-GW-PC-HNMF)	5,370.22	32.74
28 46 13 31-1501	EA	High Speed NFN Gateway PC Card For Single Mode Fiber (Included With ONYXworks-HNSF) (Notifier NFN-GW-PC-HNSF)	6,256.85	32.74
28 46 13 31-1502	EA	High Speed NFN Gateway PC Card For Wire (Included With ONYXworks-HNW) (Notifier NFN-GW-PC-HNW)	5,370.22	32.74
28 46 13 31-1503	EA	NFN Gateway PC Card With Wire (Notifier NFN-GW-PC-W)	3,453.70	32.74
28 46 13 31-1504	EA	Alpha-Numeric Pager Option For ONYXworks (Notifier ONYX-PAGER)	1,463.28	
28 46 13 31-1505	EA	ONYXWorks Workstation (Notifier ONYXWORKS-WS)	38,938.79	785.77
28 46 13 31-1506	EA	Fiber Network Graphical User Interface (Notifier ONYXWorks-Lite OW-LITE-NW) Note: Includes PC slot network fiber card, workstation software and security key with a four node license. Excludes PC workstation.	5,836.32	
28 46 13 31-1507	EA	Wired Network Graphical User Interface (Notifier ONYXWorks-Lite OW-LITE-NF) Note: Includes PC slot network fiber card, workstation software and security key with a four node license. Excludes PC workstation.	5,836.32	
28 46 13 31-1508	EA	Fiber Optics, Standard Network Repeater Board (Notifier RPT-F)	1,628.35	32.74
28 46 13 31-1509	EA	Wire, Standard Network Repeater Board (Notifier RPT-W)	1,323.29	32.74
28 46 13 31-1510	EA	Wire To Fiber Optics, Standard Network Repeater Board (Notifier RPT-WF)	1,577.26	32.74
28 46 13 31-1511	EA	Signaling Line Circuit Integration Module (Notifier SLC-IM)	1,762.10	32.74
28 46 13 31-1512	EA	VESDA Gateway That Provides A Communication Link Between The Noti-Fire-Net™ Network And Vesda™ Detectors On The Vesdanet™ (Notifier VESDA-HLI-GW)	3,687.13	32.74
28 46 13 31-1513	EA	Vesda™ High Level Interface Card Used With SLC-IM And Vesda-HLI-GW To Provide A Communication Link Between The Noti-Fire-Net™ Network And Vesda™ Detectors On The Vesdanet™ (Notifier VHX-1420-HFS)	2,211.62	32.74
28 46 13 31-1514	EA	Windows Hard Drive Upgrade (Notifier WIN7-UG-US-3)	2,438.80	
28 46 13 31-1515	EA	Intuitive Color 10" Touch Screen Providing Color Coded Information Of Detailed System Status (Notifier NCD)	2,259.43	21.60
28 46 13 31-1516	EA	SWIFT Wireless Gateway With Flashscan (Notifier FWSG)	522.10	32.74

28 46 13 31-1517 NOTI-FIRE-NET Network Components *(28 46 13 31-1125)*

28 46 13 31-1518	EA	Interface Between NOTI-FIRE-NET 50 And BACnet (Notifier BACNET-GW-3)	3,453.70	32.74
28 46 13 31-1519	EA	Fiber Optic Network Communications Module (Notifier NCM-F)	1,533.18	32.74
28 46 13 31-1520	EA	NOTI-FIRE-NET Web Server (Notifier NWS)	3,453.70	32.74
28 46 13 31-1521	EA	Wired Network Communications Module (Notifier NCM-W)	1,460.35	32.74
28 46 13 31-1522	EA	Fiber Optic Converter Module Mounting Kit (Notifier SMF-Kit)	143.44	16.37

28 46 13 31-1523 FireWarden Addressable Fire Panels *(28 46 13 31-1125)*

28 46 13 31-1524	EA	50 Point, Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW-50)	2,821.64	654.80
28 46 13 31-1525	EA	Black, One SLC Loop, 120 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100)	3,383.71	654.80
28 46 13 31-1526	EA	Black, One DC Loop, 120 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100C)	3,873.32	327.40
28 46 13 31-1527	EA	Black, One SLC Loop, 240 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100E)	3,873.32	327.40
28 46 13 31-1528	EA	Red, One SLC Loop, 120 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100R)	3,855.29	327.40
28 46 13 31-1529	EA	Black, Built In Digital Alarm Communicator/Transmitter (DACT) With Modem For Remote Upload/Download, Built In Annunciator, 50 Point Addessable Fire Alarm Control Panel (Notifier NFW-50C)	4,471.42	327.40
28 46 13 31-1530	EA	Red, Built In Digital Alarm Communicator/Transmitter (DACT) With Modem For Remote Upload/Download, 50 Point Addessable Fire Alarm Control Panel (NFW-50R)	3,124.94	327.40

28 46 13 31-1531 FireWarden Accessories *(28 46 13 31-1125)*

28 46 13 31-1532	EA	Intelligent Multicriteria Photo/Thermal Detector With Base (Notifier NP-A100)	233.23	49.11
28 46 13 31-1533	EA	Intelligent Addressable Photo/Thermal Detector With Base (Notifier NP-100T)	221.79	49.11

28 46 13 31-1534 FireWarden Devices *(28 46 13 31-1125)*

28 46 13 31-1535	EA	SLC Loop Powered Fault Isolator Module (Notifier N100-ISO)	192.14	32.74
28 46 13 31-1536	EA	Intelligent Addressable Control Module (Notifier NC-100)	230.14	32.74
28 46 13 31-1537	EA	Intelligent Addressable Relay Module (Notifier NC-100R)	220.64	32.74
28 46 13 31-1538	EA	Intelligent Addressable Low Flow Duct Photoelectric Smoke Detector (Notifier ND-100)	507.11	49.11
28 46 13 31-1539	EA	Intelligent Addressable Low Flow Duct Photoelectric Smoke Detector With DPDT Relay (Notifier ND-100R)	614.24	49.11
28 46 13 31-1540	EA	Two Zone Intelligent Addressable, Two Wire Detector Monitor Module (Notifier NDM-100)	220.64	32.74
28 46 13 31-1541	EA	Intelligent Addressable Thermal Detector With Base (Notifier NH-100)	221.72	49.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1542	EA	Intelligent Addressable High Temperature Thermal Detector With Base (Notifier NH-100H)	221.72	49.11
28 46 13 31-1543	EA	Intelligent Addressable Rate-Of-Rise Thermal Detector With Base (Notifier NH-100R)	221.72	49.11
28 46 13 31-1544	EA	Intelligent Addressable Ionization Smoke Detector With Base (Notifier NI-100)	304.05	49.11
28 46 13 31-1545	EA	Intelligent Addressable Monitor Module (Notifier NMM-100)	188.98	32.74
28 46 13 31-1546	EA	Intelligent Addressable Mini Monitor Module (Notifier NMM-100P)	170.77	32.74
28 46 13 31-1547	EA	Intelligent Addressable Manual Pull Station (Notifier NOT-BG12LX)	259.43	32.74
28 46 13 31-1548	EA	Intelligent Addressable Photoelectric Smoke Detector With Base (Notifier NP-100)	232.80	49.11
28 46 13 31-1549	EA	Intelligent Addressable 2-Wire Detector Monitor Module (Notifier NZM-100)	291.89	32.74
28 46 13 31-1550	EA	Six Zone Intelligent Addressable 2-Wire Detector Monitor Module (Notifier NZM-100-6)	1,059.78	32.74
28 46 13 31-1551		**SFP-2402 And SFP-2404 2 And 4-Zone Control Panels And Accessories** *(28 46 13 31-1125)*		
28 46 13 31-1552	EA	120 Volt AC, Two Zone Conventional Fire Alarm Control Panel (Notifier SFP-2402)	1,839.32	523.84
28 46 13 31-1553	EA	120 Volt AC, Four Zone Conventional Fire Alarm Control Panel (Notifier SFP-2404)	2,043.56	523.84
28 46 13 31-1554	EA	240 Volt AC, Two Zone Conventional Fire Alarm Control Panel (Notifier SFP-2402E)	1,577.49	163.70
28 46 13 31-1555	EA	240 Volt AC, Four Zone Conventional Fire Alarm Control Panel (Notifier SFP-2404E)	1,816.43	163.70
28 46 13 31-1556	EA	Class A Converter Module (Notifier CAC-4)	446.48	32.74
28 46 13 31-1557	EA	Internal Dress Plate, Required For FM And ULC (Notifier DP-4X)	163.14	19.64
28 46 13 31-1558	EA	Remote Zone Annunciator (Notifier RZA-4X)	238.95	49.11
28 46 13 31-1559	EA	Red, Dress Panel (Notifier DP-51050)	196.61	19.64
28 46 13 31-1560	EA	Black, Dress Panel (Notifier DP-51050B)	198.90	19.64
28 46 13 31-1561		**SFP-5UD 5 Zone Control Panels And Accessories** *(28 46 13 31-1125)*		
28 46 13 31-1562	EA	120 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFP-5UD)	2,884.97	654.80
28 46 13 31-1563	EA	120 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDC)	4,082.68	491.10
28 46 13 31-1564	EA	240 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDE)	2,696.24	327.40
28 46 13 31-1565	EA	Red, 120 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDR)	2,696.24	327.40
28 46 13 31-1566	EA	Class A Converter Module (Notifier N-CAC-5X)	462.50	32.74
28 46 13 31-1567	EA	Red, Trim Ring For NFW2-100, NFW-50, SFB-5UD, SFB-10UD, RP-2001, RP-2002 Cabinet (Notifier TR-CE)	176.59	19.64
28 46 13 31-1568	EA	Five Zone Conventional Fire Control Panel With DACT And 7 Amperes Power Supply, ULC/UL Listed (Notifier SFP-5UDC) Note: Includes internal dress panel with built-in annunciator module	4,730.99	491.10
28 46 13 31-1569	EA	240 Volt AC, Five Zone Conventional Fire Control Panel With DACT And 3 Amperes Power Supply (Notifier SFP-5UDE)	3,130.96	327.40
28 46 13 31-1570	EA	Red, 120 Volt AC, Five Zone Conventional Fire Control Panel Wth DACT And 3 Amperes Power Supply (Notifier SFP-5UDR)	3,099.40	327.40
28 46 13 31-1571		**SFP-10UD 10 Zone Control Panels And Accessories** *(28 46 13 31-1125)*		
28 46 13 31-1572	EA	120 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDC)	5,009.23	654.80
28 46 13 31-1573	EA	240 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDE)	3,746.82	491.10
28 46 13 31-1574	EA	120 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFP-10UD)	3,328.29	654.80
28 46 13 31-1575	EA	Red, 120 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDR)	4,401.62	654.80
28 46 13 31-1576	EA	Four Channel, Dual Line, Stand-Alone Fire Alarm Communicator (Fire-Lite 411UDAC)	874.08	98.22
28 46 13 31-1577	EA	10 Zone Conventional Fire Control Panel With DACT And 7 Amperes Power Supply, ULC/UL Listed (Notifier SFP-10UDC) Note: Includes internal dress panel with built-in annunciator module	5,747.96	654.80
28 46 13 31-1578	EA	240 Volt AC, 10 Zone Conventional Fire Control Panel With DACT And 7 Amperes Power Supply (Notifier SFP-10UDE)	4,284.67	491.10
28 46 13 31-1579	EA	Red, 10 Zone Conventional Fire Control Panel With DACT And 7 Amperes Power Supply (Notifier SFP-10UDR)	4,901.90	654.80
28 46 13 31-1580		**Smoke Detectors** *(28 46 13 31-1125)*		
28 46 13 31-1581	EA	Low Profile Intelligent Addressable Ionization Smoke Detector (Notifier FSI-851)	326.21	49.11
28 46 13 31-1582	EA	Intelligent Addressable Laser Smoke Detector (Notifier FSL-751)	557.37	49.11
28 46 13 31-1583	EA	Intelligent Addressable Laser Duct Smoke Detector (Notifier FSL-751D)	1,526.64	49.11
28 46 13 31-1584	EA	Remote Test Capable Intelligent Addressable Photo Detector (Notifier NP-100R) Note: For use with DNR(W) duct detector housing.	209.20	49.11
28 46 13 31-1585	EA	Filters For Harsh Detector (Notifier RF-FTX)	25.50	
28 46 13 31-1586	EA	Key Activated Remote Test Station For Duct Smoke Detector (Notifier RTS151KEY)	196.50	32.74
28 46 13 31-1587	EA	Addressable Beam Detector With Reflector, UL Listed (Notifier FS-OSI-RI)	2,571.76	49.11
28 46 13 31-1588	EA	Intelligent Addressable Photo Detector With Flashscan, White (Notifier FSP-951)	217.50	49.11
28 46 13 31-1589	EA	Intelligent Addressable Photo Detector With Flashscan And Clip, Ivory (Notifier FSP-951-IV)	236.38	49.11
28 46 13 31-1590	EA	Remote Test Capable Intelligent Photo Detector With Flashscan, White (Notifier FSP-951R)	226.94	49.11
28 46 13 31-1591	EA	Remote Test Capable Intelligent Photo Detector With Flashscan And Clip, Ivory (Notifier FSP-951R-IV)	244.10	49.11
28 46 13 31-1592	EA	Intelligent Addressable Photo/Thermal Detector With Flashscan, White (Notifier FSP-951T)	228.08	49.11
28 46 13 31-1593	EA	Intelligent Addressable Photo/Thermal Detector With Flashscan, Ivory (Notifier FSP-951T-IV)	245.24	49.11
28 46 13 31-1594	EA	Intelligent Addressable 135 Degree Thermal Detector With Flashscan, White (Notifier FST-951)	187.46	49.11
28 46 13 31-1595	EA	Intelligent Addressable High Temperature 190 Degree Heat Detector With Flashscan (Notifier FST-951H)	187.46	49.11
28 46 13 31-1596	EA	Intelligent Addressable High Temperature 190 Degree Heat Detector With Flashscan And Clip, Ivory (Notifier FST-951H-IV)	203.48	49.11
28 46 13 31-1597	EA	Intelligent Addressable 135 Degree Thermal Detector With Flashscan And Clip, Ivory (Notifier FST-951-IV)	203.48	49.11
28 46 13 31-1598	EA	Intelligent Addressable Rate-of-Rise Thermal Detector With Flashscan, White (Notifier FST-951R)	187.46	49.11
28 46 13 31-1599	EA	Intelligent Addressable Rate-of-Rise Thermal Detector With Flashscan And Clip, Ivory (Notifier FST-951R-IV)	203.48	49.11
28 46 13 31-1600	EA	Low Profile Intelligent Addressable High Sensitivity Detector With Flashscan, White (Notifier FSV-951R)	484.94	49.11
28 46 13 31-1601	EA	Low Profile Intelligent Addressable High Sensitivity Detector With Flashscan, Ivory (Notifier FSV-951R-IV)	519.27	49.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1602	EA	Wireless Photo-Heat Detector, Acclimate, With Flashscan (Notifier FWD-200ACCLIMATE) Note: Requires B210W base, ordered separately	483.80	49.11
28 46 13 31-1603	EA	Wireless Photo Detector With Flashscan (Notifier FWD-200P) Note: Requires B210W base, ordered separately	446.04	49.11
28 46 13 31-1604	EA	Wireless Fixed Temp Heat Detector, 135 Degree, With Flashscan (Notifier FWH-200FIX135) Note: Requires B210W base, ordered separately	406.00	49.11
28 46 13 31-1605	EA	Wireless ROR Heat Detector, 135 Degree, With Flashscan (Notifier FWH-200ROR135) Note: Requires B210W base, ordered separately	406.00	49.11
28 46 13 31-1606	EA	Intelligent Addressable Carbon Monoxide Detector With Flashscan (Notifier FPC-951)	298.45	49.11
28 46 13 31-1607	EA	Built In Circular Display, 3 Alarm Levels, Smoke Detector (Notifier VLF-250) Note: Use for areas up to 2,500 square feet. Adjustable sensitivity range is 0.008 - 6% ro 6.4 /Ft. Obs.	3,970.83	49.11
28 46 13 31-1608	EA	Built In Circular Display, 3 Alarm Levels, Smoke Detector (Notifier VLF-500) Note: Use for areas up to 2,500 square feet. Adjustable sensitivity range is 0.008 - 6% ro 6.4 /Ft. Obs.	4,872.64	49.11
28 46 13 31-1609		**Pull Stations** *(28 46 13 31-1125)*		
28 46 13 31-1610	EA	Trim Ring For NBG12 Series Pull Station (Notifier BG12TR)	36.90	6.54
28 46 13 31-1611	EA	One End Tapped For 1/2" Conduit, Aluminum, Surface Mounted Back Box (Notifier BG-2)	82.91	16.37
28 46 13 31-1612	EA	Red, One End Tapped For 1/2" Conduit, Aluminum, Surface Mounted Back Box (Notifier BG-2R)	80.34	16.37
28 46 13 31-1613	EA	Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1)	113.56	32.74
28 46 13 31-1614	EA	DPDT Switch, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1F)	124.01	32.74
28 46 13 31-1615	EA	Terminal Switch, DPDT Switch, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1FTS)	165.12	32.74
28 46 13 31-1616	EA	Red Body, Silver Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1R)	113.56	32.74
28 46 13 31-1617	EA	Red Letters, Spring Retainer, Aluminum Single Action Pull Station With Terminal Strip (Notifier BNG-1TS)	128.89	32.74
28 46 13 31-1618	EA	Standard Local Style Red Letters, Spring Retainer, Aluminum Single Action Pull Station With Terminal Strip (Notifier BNG-1TSL)	128.89	32.74
28 46 13 31-1619	EA	Terminal Strip, Red Body, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1TSR)	128.89	32.74
28 46 13 31-1620	EA	Red Letters, Breakglass, Aluminum Single Action Pull Station (Notifier BRG-1)	122.62	32.74
28 46 13 31-1621	EA	Red Body, Silver Letters, Breakglass, Aluminum Single Action Pull Station (Notifier BRG-1R)	131.68	32.74
28 46 13 31-1622	EA	Hazardous, Non-Hazardous, Weatherproof, Harsh Locations Fire Alarm Pull Station (Notifier HAZ-WP-PULL)	1,304.83	39.29
28 46 13 31-1623	EA	Red, Single Action Fire Alarm Pull Station (Notifier NBG-12S)	107.93	32.74
28 46 13 31-1624	EA	Red, Dual Action Fire Alarm Pull Station (Notifier NBG-12)	112.85	32.74
28 46 13 31-1625	EA	Red, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12L)	130.79	32.74
28 46 13 31-1626	EA	Red, Outdoor, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LOB)	308.16	39.29
28 46 13 31-1627	EA	Red, Presignal, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LPS)	167.02	32.74
28 46 13 31-1628	EA	Red, Agent Releasing, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LR)	140.99	32.74
28 46 13 31-1629	EA	Addressable Manual Dual Action Fire Alarm Pull Station (Notifier NBG-12LX)	261.02	32.74
28 46 13 31-1630	EA	Pull Station Trim Plate For New York City, For Use With All NBG Series Pull Stations (Notifier NY-PLATE)	59.09	6.54
28 46 13 31-1631	EA	Dual Action, Wireless Pull Station (Notifier NBG-12WL)	473.31	39.29
28 46 13 31-1632		**Rate Compensation Heat Detectors** *(28 46 13 31-1125)*		
28 46 13 31-1633	EA	135 Degree F Explosion Proof Rate Compensation Heat Detectors (Edwards Signaling 302-EPM-135)	237.55	49.11
28 46 13 31-1634	EA	194 Degree F Explosion Proof Rate Compensation Heat Detectors (Edwards Signaling 302-EPM-194)	237.55	49.11
28 46 13 31-1635		**FM Series Door Releases** *(28 46 13 31-1125)*		
28 46 13 31-1636	EA	1/2" Door Holder Spacer (Notifier FM900-50)	38.64	9.82
28 46 13 31-1637	EA	3/4" Door Holder Spacer (Notifier FM900-75)	38.64	9.82
28 46 13 31-1638	EA	1" Door Holder Spacer (Notifier FM900-100)	38.64	9.82
28 46 13 31-1639	EA	Door Holder Extension Kit (Notifier FM900)	41.01	9.82
28 46 13 31-1640	EA	90 Degree Door Holder Extension Kit (Notifier FM900-Z)	41.81	9.82
28 46 13 31-1641	EA	12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Floor Mounted, Door Holder (Notifier FM980)	265.85	49.11
28 46 13 31-1642	EA	12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Surface Mounted, Door Holder (Notifier FM996)	231.22	49.11
28 46 13 31-1643	EA	12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Recessed Mounted, Concealed Wiring, Door Holder (Notifier FM998)	231.22	49.11
28 46 13 31-1644		**Multicriteria Fire Detector** *(28 46 13 31-1125)*		
28 46 13 31-1645	EA	Intelligent Addressable Combination Multi-Criteria Fire/Carbon Monoxide Detector With Flashscan (Notifier FCO-851)	355.65	49.11
28 46 13 31-1646	EA	Intelligent Addressable Multicriteria Fire Detector (Notifier FSC-851) Note: Detects fire, thermal, photo, CO and IR, with Flashscan.	354.51	49.11
28 46 13 31-1647	EA	Multi-Criteria Photo/Temp/Infrared Detector, White (Notifier FPTI-951)	233.23	49.11
28 46 13 31-1648	EA	Multi-Criteria Photo/Temp/Infrared Detector, Ivory (Notifier FPTI-951-IV)	241.24	49.11
28 46 13 31-1649	EA	Intelligent Addressable Combination Multi-Criteria Photoelectric And Carbon Monoxide Detector With Flashscan (Notifier FSCO-951)	355.65	49.11
28 46 13 31-1650		**Modules** *(28 46 13 31-1125)*		
28 46 13 31-1651	EA	Intelligent Addressable Dual Monitor/Dual Relay Module (Notifier FDRM-1)	421.31	32.74
28 46 13 31-1652	EA	Addressable Firephone Control Module (Notifier FTM-1)	262.27	32.74
28 46 13 31-1653	EA	Wireless Monitor Module With Flashscan (Notifier FW-MM)	407.58	32.74
28 46 13 31-1654	EA	Wireless Relay Module With Flashscan (Notifier FW-RM)	470.51	32.74
28 46 13 31-1655	EA	Wireless Sync Module (Notifier W-SYNC)	610.98	32.74
28 46 13 31-1656		**DH Series Door Releases** *(28 46 13 31-1125)*		
28 46 13 31-1657	EA	Semi-Flush, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120FPC)	221.50	49.11
28 46 13 31-1658	EA	Semi-Flush, Plated Brass, Electromagnetic Door Holder (Notifier DH24120FB)	235.52	49.11
28 46 13 31-1659	EA	Semi-Flush, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120FD)	248.68	49.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1660	EA	Surface Mounted, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120SPC)	245.24	49.11
28 46 13 31-1661	EA	Surface Mounted, Plated Brass, Electromagnetic Door Holder (Notifier DH24120SB)	256.68	49.11
28 46 13 31-1662	EA	Surface Mounted, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120SPD)	266.41	49.11
28 46 13 31-1663	EA	Recessed, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120WPC)	221.50	49.11
28 46 13 31-1664	EA	Recessed, Plated Brass, Electromagnetic Door Holder (Notifier DH24120WB)	233.80	49.11
28 46 13 31-1665	EA	Recessed, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120WD)	248.68	49.11
28 46 13 31-1666	EA	Floor Mounted, Single Door, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120GPC1)	280.14	49.11
28 46 13 31-1667	EA	Floor Mounted, Single Door, Plated Brass, Electromagnetic Door Holder (Notifier DH24120GB1)	298.45	49.11
28 46 13 31-1668	EA	Floor Mounted, Single Door, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120GPD1)	319.61	49.11
28 46 13 31-1669	EA	Floor Mounted, Double Door, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120GPC2)	324.76	49.11
28 46 13 31-1670	EA	Floor Mounted, Double Door, Plated Brass, Electromagnetic Door Holder (Notifier DH24120GB2)	346.50	49.11
28 46 13 31-1671	EA	Floor Mounted, Double Door, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120GPD2)	372.82	49.11
28 46 13 31-1672	EA	0.5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE.5PC)	25.63	6.54
28 46 13 31-1673	EA	0.5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE.5B)	25.63	6.54
28 46 13 31-1674	EA	0.5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE.5D)	27.97	6.54
28 46 13 31-1675	EA	1" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1PC)	25.63	6.54
28 46 13 31-1676	EA	1" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE1B)	25.63	6.54
28 46 13 31-1677	EA	1" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE1D)	27.97	6.54
28 46 13 31-1678	EA	1.5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1.5PC)	26.83	6.54
28 46 13 31-1679	EA	1.5" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1.5APC)	26.83	6.54
28 46 13 31-1680	EA	1.5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE1.5B)	27.97	6.54
28 46 13 31-1681	EA	1.5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE1.5D)	29.29	6.54
28 46 13 31-1682	EA	2" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE2PC)	29.29	6.54
28 46 13 31-1683	EA	2" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE2APC)	29.29	6.54
28 46 13 31-1684	EA	2" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE2B)	30.49	6.54
28 46 13 31-1685	EA	2" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE2D)	30.49	6.54
28 46 13 31-1686	EA	3" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE3PC)	30.49	6.54
28 46 13 31-1687	EA	3" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE3B)	31.81	6.54
28 46 13 31-1688	EA	3" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE3D)	31.81	6.54
28 46 13 31-1689	EA	4" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE4PC)	33.01	6.54
28 46 13 31-1690	EA	4" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE4APC)	33.01	6.54
28 46 13 31-1691	EA	4" Adjustable Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE4AB)	34.32	6.54
28 46 13 31-1692	EA	4" Adjustable Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE4AD)	38.04	6.54
28 46 13 31-1693	EA	5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE5PC)	36.78	6.54
28 46 13 31-1694	EA	5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE5B)	35.53	6.54
28 46 13 31-1695	EA	5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE5D)	38.04	6.54
28 46 13 31-1696	EA	Catch Plate, Powder Coated Chrome For Electromagnetic Door Holder (Notifier DHCPC)	35.83	9.82
28 46 13 31-1697	EA	Catch Plate, Plated Brass For Electromagnetic Door Holder (Notifier DHCPB)	37.03	9.82
28 46 13 31-1698	EA	Catch Plate, Powder Coated Dark Bronze For Electromagnetic Door Holder (Notifier DHCPD)	40.86	9.82
28 46 13 31-1699	EA	Swivel Base, Powder Coated Chrome, For Electromagnetic Door Holder (Notifier DHSBPC)	65.75	9.82
28 46 13 31-1700	EA	Swivel Base, Plated Brass, For Electromagnetic Door Holder (Notifier DHSBB)	69.41	9.82
28 46 13 31-1701	EA	Swivel Base, Powder Coated Dark Bronze, For Electromagnetic Door Holder (Notifier DHSBD)	73.07	9.82
28 46 13 31-1702	EA	Surface Mounted Back Box, Powder Coated Chrome For Electromagnetic Door Holder (Notifier DHBBPC)	61.34	16.37
28 46 13 31-1703	EA	Surface Mounted Back Box, Plated Brass For Electromagnetic Door Holder (Notifier DHBBB)	63.86	16.37
28 46 13 31-1704	EA	Surface Mounted Back Box, Powder Coated Dark Bronze For Electromagnetic Door Holder (Notifier DHBBD)	68.90	16.37
28 46 13 31-1705	EA	Swivel Base Mounting Drill Fixture For Electromagnetic Door Holder (Notifier DHDF)	353.54	

28 46 13 31-1706 First Command *(28 46 13 31-1125)*

28 46 13 31-1707	EA	Black, 120 Volt AC, 50 Watt, 25 VRMS, One Class A/B Speaker Circuit, Primary Operating Console (Notifier NFC-50/100)	8,188.04	818.50
28 46 13 31-1708	EA	Black, 220-240 Volt AC, 50 Watt, 25 VRMS, One Class A/B Speaker Circuit, Primary Operating Console (Notifier NFC-50/100E)	8,278.20	818.50
28 46 13 31-1709	EA	Black, 120 Volt AC, 50 Watt, 25 VRMS Or 70 VRMS), Four Class A/B Speaker Circuits, Distributed (Remote) Audio Amplifier (Notifier NFC-50DA)	2,454.45	65.48
28 46 13 31-1710	EA	Black, 220-240 Volt AC, 50 Watt, 25 VRMS Or 70 VRMS), Four Class A/B Speaker Circuits, Distributed (Remote) Audio Amplifier (Notifier NFC-50DAE)	2,522.07	65.48
28 46 13 31-1711	EA	Black, 120 Volt AC, 125 Watt, 25 VRMS, Four Class A/B Speaker Outputs, Distributed Audio Amplifier (Notifier NFC-125DA)	4,559.81	65.48
28 46 13 31-1712	EA	Black, , 220-240 Volt AC, 125 Watt, 25 VRMS, Four Class A/B Speaker Outputs, Distributed Audio Amplifier (Notifier NFC-125DAE)	4,710.09	65.48
28 46 13 31-1713	EA	50 Watt, 25 VRMS Audio Amplifier Module For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-25 Volt)	705.66	32.74
28 46 13 31-1714	EA	50 Watt, 70 VRMS Audio Amplifier Module For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-70 Volt)	705.66	32.74
28 46 13 31-1715	EA	Circuit Expander Module For NFC-50/125DA(E), Four Additional Class A/B Speaker Circuits (Notifier NFC-CE4)	527.72	32.74
28 46 13 31-1716	EA	Circuit Expander Module For NFC-50/100(E), Six Additional Class A/B Speaker Circuits (Notifier NFC-CE6)	950.61	32.74
28 46 13 31-1717	EA	Standalone Firefighter Telephone System (Notifier NFC-FFT) Note: Includes onboard SLC supports up to 24 monitor modules, built-in handset, black.	3,350.09	65.48
28 46 13 31-1718	EA	Local Operator Console (Notifier NFC-LOC) Note: Includes built-in microphone, message and zone control switches, black.	3,277.96	65.48
28 46 13 31-1719	EA	Black, Remote Microphone (Notifier NFC-RM)	974.87	
28 46 13 31-1720	EA	Remote Page Unit (Notifier NFC-RPU) Note: Includes built-in microphone, message control switches, black.	2,759.51	65.48
28 46 13 31-1721	EA	70 V Conversion Module For NFC-50/100 (Notifier NFC-XRM-70V)	400.72	32.74
28 46 13 31-1722	EA	Firefighters Phone Jack (Notifier N-FPJ)	182.68	9.82
28 46 13 31-1723	EA	Thumblatch Option For NFC-LOC And NFC-RPU (Notifier THUMBLTCH)	51.22	9.82
28 46 13 31-1724	EA	Black, Trim Ring For NFC-RPU Cabinet (Notifier TR-6-B)	164.29	19.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1725		**LED Displays** *(28 46 13 31-1125)*		
28 46 13 31-1726	EA	2.1" x 27" Programmable LED Indoor Display (Notifier ALPHA-215)	2,651.31	39.29
28 46 13 31-1727	EA	Instant And Integrated Emergency Notification System (Notifier LEDSIGN-GW)	3,727.91	52.39
28 46 13 31-1728	EA	4" x 45-1/2" Programmable LED Array, Mass Notification Device (Notifier MEGADOT)	3,771.49	52.39
28 46 13 31-1729	EA	8 Messages, FACP Interface For LED Arrays (Notifier MNS-CONTROL8)	3,621.22	52.39
28 46 13 31-1730	EA	16 Messages, FACP Interface For LED Arrays (Notifier MNS-CONTROL16)	5,078.90	52.39
28 46 13 31-1731	EA	LED Sign, Instant And Integrated Emergency Notification System (Notifier OAX2-24V)	3,846.63	52.39
28 46 13 31-1732		**Control Relays** *(28 46 13 31-1125)*		
28 46 13 31-1733	EA	Single SPDT Relay With LED With Metal Back Box And Red Plastic Cover (Notifier MR-101/CR)	81.60	16.37
28 46 13 31-1734	EA	Single SPDT Relay With LED With Track Mounting Hardware (Notifier MR-101/T)	62.26	16.37
28 46 13 31-1735	EA	Four Position SPDT Relay With LEDs With Metal Back Box And Red Plastic Cover (Notifier MR-104/CR)	222.80	32.74
28 46 13 31-1736	EA	Four Position SPDT Relay With LED With Track Mounting Hardware (Notifier MR-104/T)	124.56	16.37
28 46 13 31-1737	EA	Four Position DSPDT Relay With LED With Track Mounting Hardware (Notifier MR-204/T)	148.30	16.37
28 46 13 31-1738	EA	24 Volt DC, 30 Amperes Contacts, DPDT Relay In Steel Enclosure (Notifier MR-199X-13C)	229.09	32.74
28 46 13 31-1739	EA	120 Volt AC, 30 Amperes Contacts, DPDT Relay In Steel Enclosure (Notifier MR-199X-14C)	229.09	32.74
28 46 13 31-1740	EA	Single DPDT Relay With LED With Metal Back Box And Red Plastic Cover (Notifier MR-201/CR)	118.11	32.74
28 46 13 31-1741	EA	Single DPDT Relay With LED With Track Mounting Hardware (Notifier MR-201/T)	67.29	16.37
28 46 13 31-1742	EA	Four Position DPDT Relay With LEDs With Metal Back Box And Red Plastic Cover (Notifier MR-204/CR)	243.40	32.74
28 46 13 31-1743	EA	24 Volt DC / 24 Volt AC / 115 Volt AC, 10 Amperes, Form C, Multi-Voltage Relay Module (Notifier PAM-1)	86.30	32.74
28 46 13 31-1744	EA	12/24 Volt DC, 7 Amperes, Form C, Multi-Voltage Relay Module (Notifier PAM-2)	86.30	32.74
28 46 13 31-1745	EA	9 To 40 Volt DC, 10 Amperes, Form C, Multi-Voltage Relay Module (Notifier PAM-4)	86.30	32.74
28 46 13 31-1746		**Gamewell-FCI Fire Control Instruments** *(28 46 13 31-1125)*		
28 46 13 31-1747		**7100 Series And NetSOLO®** *(28 46 13 31-1746)*		
28 46 13 31-1748		**7100 Compact Analog Addressable Fire Alarm Control Panels** *(28 46 13 31-1747)*		
28 46 13 31-1749	EA	Enclosure With Metal Door (Gamewell-FCI 7100-ENCL-M)	1,209.34	392.88
28 46 13 31-1750	EA	Basic Systems Kit, 2 Signaling Line Circuits (SLC) (Gamewell-FCI BK-7100-2)	5,216.16	654.80
28 46 13 31-1751	EA	Basic Systems Kit, With Digital Alarm Communicator Transmitter (DACT), 2 Signaling Line Circuits (SLC) (Gamewell-FCI BK-7100-2D)	5,709.17	654.80
28 46 13 31-1752	EA	Basic Systems Kit, 2 Signaling Line Circuits (SLC), 240 Volt AC (Gamewell-FCI BK-7100-2-E)	5,216.16	654.80
28 46 13 31-1753	EA	Basic Systems Kit, With Digital Alarm Communicator Transmitter (DACT), 2 Signaling Line Circuits (SLC), 240 Volt AC (Gamewell-FCI BK-7100-2D-E)	5,709.17	654.80
28 46 13 31-1754	EA	Removal And Replacement Of Board For 7100-1D (Gamewell-FCI BSM-7100-1)	1,649.90	
28 46 13 31-1755	EA	Removal And Replacement Of Board For 7100-2 (Gamewell-FCI BSM-7100-1D)	1,979.73	
28 46 13 31-1756	EA	Analog Loop Unit (Gamewell-FCI ALU)	1,979.73	65.48
28 46 13 31-1757		**NetSOLO® Intelligent Network** *(28 46 13 31-1747)*		
28 46 13 31-1758	EA	Intelligent Network Interface Module, Fiber Optic (Gamewell-FCI INI-7100-FO) Note: Mounted in 7100 panel.	2,196.72	65.48
28 46 13 31-1759	EA	Intelligent Network Interface Module, Unshielded Twisted Pair (Gamewell-FCI INI-7100-UTP) Note: Mounted in 7100 panel.	1,743.64	65.48
28 46 13 31-1760		**Components And Accessories** *(28 46 13 31-1747)*		
28 46 13 31-1761	EA	Remote Serial Annunciator, LCD Display (Gamewell-FCI LCD-7100)	1,080.76	49.11
28 46 13 31-1762	EA	Remote LED Driver Module, Outputs For Remote Panel Switches And 33 Remote LEDs (Gamewell-FCI LDM-7100)	818.39	65.48
28 46 13 31-1763	EA	Fiber Optic Line Driver Module (Gamewell-FCI FLD-1)	1,507.55	65.48
28 46 13 31-1764	EA	Class "A" Optional Module For Both Signaling Line Circuits (SLC) (Gamewell-FCI CAOM)	603.13	65.48
28 46 13 31-1765	EA	Enclosure Box (Gamewell-FCI EN-7100)	482.38	130.96
28 46 13 31-1766	EA	Serial Printer (Order RJAA To Db25 Connector Separately) (Gamewell-FCI P7200-TR-2)	1,579.21	32.74
28 46 13 31-1767		**E3 Series® Basic System** *(28 46 13 31-1746)*		
28 46 13 31-1768	EA	Intelligent Loop Interface, Mother Board (Gamewell-FCI ILI-MB-E3)	1,442.77	65.48
28 46 13 31-1769	EA	Intelligent Loop Interface, Supplemental (Gamewell-FCI ILI-S-E3)	1,238.65	65.48
28 46 13 31-1770	EA	Intelligent Loop Interface, Mother Board, XP95 Protocol (Gamewell-FCI ILI95-MB-E3)	1,442.77	65.48
28 46 13 31-1771	EA	Intelligent Loop Interface, Supplemental, XP95 Protocol (Gamewell-FCI ILI95-S-E3)	1,238.65	65.48
28 46 13 31-1772	EA	LCD Keypad Display (Gamewell-FCI LCD-E3)	919.13	65.48
28 46 13 31-1773	EA	Power Supply Module (Gamewell-FCI PM-9)	1,205.96	65.48
28 46 13 31-1774	EA	Transponder 9 Amperes Power Supply (Gamewell-FCI PM-9 INX)	1,014.13	65.48
28 46 13 31-1775	EA	Power Supply And Charger, 120/220 Volt AC (Gamewell-FCI PM-9G 9A)	1,006.76	32.74
28 46 13 31-1776	EA	Digital Alarm Communication Transmitter (Gamewell-FCI DACT-E3)	573.25	65.48
28 46 13 31-1777	EA	Network Repeater, Fiber Optic (Gamewell-FCI RPT-E3-FO)	1,548.57	65.48
28 46 13 31-1778	EA	Network Repeater, Unshielded Twisted Pair (Gamewell-FCI RPT-E3-UTP)	1,296.22	65.48
28 46 13 31-1779	EA	Local Operating Console (Gamewell-FCI 1100-0455)	864.67	49.11
28 46 13 31-1780	EA	Network Graphic Annunciator (Gamewell-FCI 1100-0505)	2,799.68	49.11
28 46 13 31-1781	EA	70.7 VRMS Audio Output Series Amplifier Module (Gamewell-FCI AM-50-70)	1,105.85	65.48
28 46 13 31-1782	EA	INI-VGE-UTP Classic Enabled Voice Gateway Module (Gamewell-FCI 1100-1326)	3,385.51	65.48
28 46 13 31-1783	EA	8-1/4" Wide x 10" High x 4-1/2" Deep Cabinet (Gamewell-FCI E3BB-BAA1)	769.06	130.96
28 46 13 31-1784	EA	C Size, Black, Command Center Enclosure (Gamewell-FCI E3BB-BC/INCC)	562.26	130.96
28 46 13 31-1785	EA	Double Size, Blank, Inner Door Panel (Gamewell-FCI E3-BP)	122.92	32.74
28 46 13 31-1786	EA	Programmable Switch Module (Gamewell-FCI ASM-16)	773.13	65.48
28 46 13 31-1787	EA	LED Driver module (Gamewell-FCI ANU-48)	773.13	65.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1788	EA	Network Graphic Annunciator (Gamewell-FCI NGA)	2,346.53	49.11
28 46 13 31-1789		**Addressable Devices, Module, Pulls And Accessories** *(28 46 13 31-1746)*		
28 46 13 31-1790		**Velociti® Series Sensors And Bases** *(28 46 13 31-1789)*		
28 46 13 31-1791	EA	Analog Addressable Plug-In Ionization Smoke Sensor (Gamewell-FCI ASD-IL2F)	240.57	49.11
28 46 13 31-1792	EA	Analog Addressable Plug-In Photoelectric Smoke Sensor (Gamewell-FCI ASD-PL2F)	245.77	49.11
28 46 13 31-1793	EA	Analog Addressable Plug-In Photoelectric Smoke Sensor With 135 Degree F Fixed Temperature Thermal Sensing (Gamewell-FCI ASD-PTL2F)	261.40	49.11
28 46 13 31-1794	EA	Addressable Plug-In Thermal Sensor, 15 Degree F Rate Of Rise, 135 Degree F (Gamewell-FCI ATD-RL2F)	198.90	49.11
28 46 13 31-1795	EA	Addressable Plug-In Thermal Sensor, 190 Degree F (Gamewell-FCI ATD-HL2F)	207.58	49.11
28 46 13 31-1796	EA	Addressable Plug-In Thermal Sensor, 135 Degree F (Gamewell-FCI ATD-L2F)	198.90	49.11
28 46 13 31-1797	EA	Addressable Plug-In Multi-Criteria Analog Sensor (Gamewell-FCI MCS-ACCLIMATE2F)	297.85	49.11
28 46 13 31-1798	EA	Analog Addressable Laser Smoke Sensor, Low Profile (Gamewell-FCI ASD-LS)	662.40	49.11
28 46 13 31-1799	EA	Analog Addressable Low Flow Photoelectric Smoke Duct Detector Without Relay (Gamewell-FCI ADPF)	554.28	81.85
28 46 13 31-1800	EA	Analog Addressable Low Flow Photoelectric Smoke Duct Detector With Relay (Gamewell-FCI ADPRF)	623.72	81.85
28 46 13 31-1801	EA	Removal And Replacement Of Duct Detector Board (Gamewell-FCI ADP-F-SB)	297.37	
28 46 13 31-1802	EA	Flanged Mounting Base, For Use With Analog Sensor Or Velociti Sensors (Gamewell-FCI ADB-FLF)	60.51	16.37
28 46 13 31-1803	EA	Harsh Environment Analog Addressable Photoelectric Smoke Sensor (Gamewell-FCI ASD-FILTREX-F)	714.48	49.11
28 46 13 31-1804	EA	Flanged Mounting Base, For Use With ASD-FILTREX Or ASD-FILTREX-F (Gamewell-FCI ADB-FILTREXF)	141.24	16.37
28 46 13 31-1805	EA	Addressable Single-Ended Reflected Beam Smoke Sensor (Gamewell-FCI ABD-2F)	2,539.95	98.22
28 46 13 31-1806		**Velociti® Series Modules And Pull Station** *(28 46 13 31-1789)*		
28 46 13 31-1807	EA	Style B, Class B Addressable Monitor Module (Gamewell-FCI AMM-2F)	175.71	32.74
28 46 13 31-1808	EA	Dual Style B, Class B Addressable Monitor Module (Gamewell-FCI AMM-2IF)	285.94	32.74
28 46 13 31-1809	EA	Style D, Class A Addressable Monitor Module (Gamewell-FCI AMM-4F)	193.07	32.74
28 46 13 31-1810	EA	Subloop Style D, Class A Addressable Monitor Module (Gamewell-FCI AMM-4SF)	273.79	32.74
28 46 13 31-1811	EA	Addressable Output Relay Control Module (Gamewell-FCI AOM-2RF)	227.79	32.74
28 46 13 31-1812	EA	Addressable Output Supervised Module (Gamewell-FCI AOM-2SF)	236.47	32.74
28 46 13 31-1813	EA	Addressable Double Action Station, With AMM-2SF Mini-Mod (Gamewell-FCI MS-7AF)	327.99	65.48
28 46 13 31-1814	EA	Addressable Single Action Pull Station (Gamewell-FCI MS-7ASF)	244.28	32.74
28 46 13 31-1815	EA	Telephone Filters (Gamewell-FCI AOM-TEL-FL)	39.14	6.54
28 46 13 31-1816		**Components And Accessories** *(28 46 13 31-1789)*		
28 46 13 31-1817	EA	Remote LED Annunciator Alarm (Gamewell-FCI RA400Z) Note: Mounts on single gang box.	95.79	26.19
28 46 13 31-1818	EA	Up To 2' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-1.5)	47.89	13.10
28 46 13 31-1819	EA	>2' To 4' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-3)	51.36	13.10
28 46 13 31-1820	EA	>4' To 8' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-5)	61.38	16.37
28 46 13 31-1821	EA	>8' To 10' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-10)	100.05	19.64
28 46 13 31-1822	EA	Remote Test Station With LED Alarm And Magnet Test Switch (Gamewell-FCI RTS451) Note: Mounts on single gang box.	149.60	26.19
28 46 13 31-1823		**Fixed And Rate of Rise Heat Detectors** *(28 46 13 31-1789)*		
28 46 13 31-1824	EA	135 Degree F Fixed Temperature And Rate Of Rise Heat Detector (Gamewell-FCI 5601P)	127.73	49.11
28 46 13 31-1825	EA	194 Degree F Fixed Temperature And Rate Of Rise Heat Detector (Gamewell-FCI 5602)	127.73	49.11
28 46 13 31-1826	EA	135 Degree F Fixed Temperature Heat Detector (Gamewell-FCI 5603)	125.34	49.11
28 46 13 31-1827	EA	194 Degree F Fixed Temperature Heat Detector (Gamewell-FCI 5604)	125.34	49.11
28 46 13 31-1828		**NAC Expander/Power Supply** *(28 46 13 31-1789)*		
28 46 13 31-1829	EA	FireForce 8 NAC Expander/Power Supply, 12/24 Volt DC, 8 Amperes, 4 Notification Appliance Circuits, Built-in Synchronization Protocols For Gamewell, Wheelock, Gentex, Faraday, And System Sensor (Gamewell-FCI FF8)	2,297.55	523.84
28 46 13 31-1830	EA	6A Supplementary Notification Appliance Circuit Power Supply With Sync (Gamewell-FCI GFPS-6)	1,967.72	523.84
28 46 13 31-1831	EA	9A Supplementary Notification Appliance Circuit Power Supply With Sync (Gamewell-FCI GFPS-9)	2,132.64	523.84
28 46 13 31-1832		**Batteries And Accessories** *(28 46 13 31-1746)*		
28 46 13 31-1833	EA	B-17R, 12 Volt DC, 17 Ampere Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2010A)	364.06	32.74
28 46 13 31-1834	EA	B-55R, 12 Volt DC, 55 Ampere Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2710A)	929.97	32.74
28 46 13 31-1835	EA	B-7R, 12 Volt DC, 7 Ampere Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2311A)	190.47	32.74
28 46 13 31-1836	EA	BC-1, Battery Cabinet, Beige (Gamewell-FCI 1100-0653)	445.16	65.48
28 46 13 31-1837	EA	BC-1R, Battery Cabinet, Red (Gamewell-FCI 1100-0654)	445.16	65.48
28 46 13 31-1838	EA	12" High x 12" Wide x 24" Length Vented Steel Battery Cabinet With Hinged Key Lockable Cover (Gamewell-FCI GW70970)	394.82	65.48
28 46 13 31-1839		**Electronic Door Holders** *(28 46 13 31-1746)* Note: Rixson products.		
28 46 13 31-1840	EA	XK-996, Door Holder Extender Kit, 1-1/2" Spacer (Gamewell-FCI 140-30000)	64.14	6.54
28 46 13 31-1841	EA	FM-980, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Floor Mount Door Holder(Gamewell-FCI 140-90000)	514.84	49.11
28 46 13 31-1842	EA	FM-981, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Floor Mount Holder For Double Doors (Gamewell-FCI 140-90001)	704.06	49.11
28 46 13 31-1843	EA	FM-990, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Low Profile Mount Door Holder (Gamewell-FCI 140-90002)	326.32	49.11
28 46 13 31-1844	EA	FM-996, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Surface Mount Door Holder (Gamewell-FCI 140-90003)	310.70	49.11
28 46 13 31-1845	EA	FM-997, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Recessed Mount Door Holder (Gamewell-FCI 140-90004)	326.32	49.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1846	EA	FM-998, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Recessed Mount Door Holder With Concealed Wiring (Gamewell-FCI 140-90005)	325.63	49.11
28 46 13 31-1847		**Fire Alarm Programming** *(28 46 13 31-1746)* Note: For device replacement projects only. Tasks not to be used on projects where a fire alarm panel is replaced.		
28 46 13 31-1848	EA	Program And Test Up To 5 Total Fire Alarm Devices	500.00	
28 46 13 31-1849	EA	Program And Test >5 To 20 Total Fire Alarm Devices	1,000.00	
28 46 13 31-1850	EA	Program And Test >20 To 50 Total Fire Alarm Devices	2,000.00	
28 46 13 31-1851		**Fire-Lite Fire Alarm** *(28 46 13 31-1124)*		
28 46 13 31-1852		**Intelligent Addressable Fire Alarm Control Panel** *(28 46 13 31-1851)*		
28 46 13 31-1853	EA	50 Point, Addressable Fire Alarm Control Panels (Fire-Lite ES-50X)	1,273.55	261.92
28 46 13 31-1854	EA	198 Point, Addressable Fire Alarm Control Panels (Fire-Lite ES-200X)	1,627.43	294.66
28 46 13 31-1855	EA	954 Point, Addressable Fire Alarm Control Panels (Fire-Lite ES-1000X)	2,396.24	327.40
28 46 13 31-1856	EA	Loop Expander Module (Fire-Lite SLC-3LS)	697.90	49.11
28 46 13 31-1857	EA	Optional Cabinet For 1 Or 2 Modules (Fire-Lite BB-2F)	200.07	32.74
28 46 13 31-1858	EA	Optional Cabinet For Up To 6 Modules Mounted On CHS-6 (Fire-Lite BB-6F)	278.96	32.74
28 46 13 31-1859	EA	Battery Back Box (Fire-Lite BB-26)	171.27	19.64
28 46 13 31-1860	EA	Battery Box (Fire-Lite BB-55F)	311.30	19.64
28 46 13 31-1861	EA	Chassis, Mounts Up To 6 Multi-Modules In A BB-6F Cabinet (Fire-Lite CHS-6)	87.71	13.10
28 46 13 31-1862	EA	Chassis, Mounts Up To Six Multi-Modules In A BB-6F Cabine (Fire-Lite CHG-75)	726.34	32.74
28 46 13 31-1863	EA	Battery Charger For Lead-Acid Batteries With A Rating Of 25 To 75 AH (Fire-Lite CHG-120F)	1,546.94	65.48
28 46 13 31-1864	EA	6 AMP, NAC Expander Power Supply (Fire-Lite FL-PS6)	840.76	32.74
28 46 13 31-1865	EA	10 AMP, NAC Expander Power Supply (Fire-Lite FL-PS10)	868.43	32.74
28 46 13 31-1866	EA	Remote, Red LCD Annunciator Mimics The Information Displayed On The Face LCD Display (Fire-Lite ANN-80)	345.67	32.74
28 46 13 31-1867	EA	Led Driver Module Provides Connections To A User Supplied Graphic Annunciator (Fire-Lite ANN-I/O)	420.96	32.74
28 46 13 31-1868	EA	Annunciator Module Provides Three Leds For Each Zone: Alarm, Trouble, And Supervisory. Ships With Red Enclosure (Fire-Lite ANN-LED)	369.33	32.74
28 46 13 31-1869	EA	Provides Alarm (Red) Indicators For Up To 30 Input Zones Or Addressable Points (Fire-Lite ANN-RLED)	369.33	32.74
28 46 13 31-1870	EA	Relay Module Provides 10 Programmable Form-C Relays (Fire-Lite ANN-RLY)	298.82	32.74
28 46 13 31-1871	EA	Serial/Parallel Printer Gateway Module (Fire-Lite ANN-S/PG)	292.43	32.74
28 46 13 31-1872	EA	Addressable Low-Profile Photoelectric Smoke Detector (Fire-Lite SD365 A)	160.39	49.11
28 46 13 31-1873	EA	Addressable Low-Profile Photoelectric Smoke Detector With Thermal Sensor (Fire-Lite SD365T A)	177.80	49.11
28 46 13 31-1874	EA	Remote Test Capable Addressable Photoelectric Smoke Detector For Use With DNR (W) Duct Detector Housing (Fire-Lite SD365R A)	182.79	49.11
28 46 13 31-1875	EA	Addressable, Low-Profile Device That Provides Fire, Heat, And Carbon Monoxide (CO) Detection (Fire-Lite SD365CO)	314.46	49.11
28 46 13 31-1876	EA	Low-Profile 135°F Fixed Thermal Sensor (Fire-Lite H365 A)	154.16	49.11
28 46 13 31-1877	EA	Low-Profile, Intelligent, Rate-Of-Rise Thermal Sensor (Fire-Lite H365R A)	171.50	49.11
28 46 13 31-1878	EA	Low-Profile Intelligent 190°F/88°C Fixed Thermal Sensor (Fire-Lite H365HT A)	199.78	49.11
28 46 13 31-1879	EA	Low-Flow Non-Relay Duct-Detector Housing (Fire-Lite D365PL)	595.35	49.11
28 46 13 31-1880	EA	Addressable Low-Profile Ionization Smoke Detector (Fire-Lite CP355 A)	230.57	49.11
28 46 13 31-1881	EA	Addressable Low-Profile Photoelectric Smoke Detector (Fire-Lite SD355 A)	160.39	49.11
28 46 13 31-1882	EA	Addressable Low-Profile Photoelectric Smoke Detector With Thermal Sensor (Fire-Lite SD355T A)	202.42	49.11
28 46 13 31-1883	EA	Remote Test Capable Addressable Photoelectric Smoke Detector For Use With DNR (W) Duct Detector Housing (Fire-Lite SD355R A)	224.69	49.11
28 46 13 31-1884	EA	Addressable, Low-Profile Device That Provides Fire, Heat, And Carbon Monoxide (Co) Detection (Fire-Lite SD355CO)	169.71	49.11
28 46 13 31-1885	EA	Fast-Response, Low-Profile Heat Detector (Fire-Lite H355 A)	201.84	49.11
28 46 13 31-1886	EA	Fast-Response, Low-Profile Heat Detector With Rate-Of-Rise Option (Fire-Lite H355R A)	195.87	49.11
28 46 13 31-1887	EA	Fast-Response, Low-Profile Heat Detector That Activates At 190°F/88°C (Fire-Lite H355HT A)	226.65	49.11
28 46 13 31-1888	EA	Low-Profile, Intelligent, 'Adapt' Multi-Sensor Detector (B350LP Base Included) (Fire-Lite AD355 A)	221.75	49.11
28 46 13 31-1889	EA	Programmable, Addressable Sounder Base (Fire-Lite B200S(A)-WH)	141.41	32.74
28 46 13 31-1890	EA	Addressable Sounder Base (Fire-Lite B200SR(A)-WH)	161.63	32.74
28 46 13 31-1891	EA	Programmable, Addressable Sounder Base, Low-Frequency (Fire-Lite B200S-LF-WH)	183.41	32.74
28 46 13 31-1892	EA	Addressable Sounder Base, Low-Frequency (Fire-Lite B200SR-LF-WH)	187.08	32.74
28 46 13 31-1893	EA	Intelligent Beam Smoke Detector (Fire-Lite BEAM355)	1,603.13	49.11
28 46 13 31-1894	EA	Intelligent Beam Smoke Detector With Integral Sensitivity Test (Fire-Lite BEAM355S)	1,832.55	49.11
28 46 13 31-1895	EA	Innovairflex Low-Flow Non-Relay Duct-Detector Housing (Includes SD355R) (Fire-Lite D355PL A)	267.24	32.74
28 46 13 31-1896	EA	Innovairflex Low-Flow Non-Relay Duct-Detector Housing (Fire-Lite DNR A)	166.41	32.74
28 46 13 31-1897	EA	Innovairflex Low-Flow Non-Relay Duct-Detector Housing, With NEMA-4 Rating, Watertight (Fire-Lite DNRW)	250.24	32.74
28 46 13 31-1898	EA	Addressable Control Module For One Class B Or A Zone Of Supervised Polarized Notification Appliances (Fire-Lite CMF-300)	107.86	19.64
28 46 13 31-1899	EA	Six-Circuit Supervised Control Module (Fire-Lite CMF-300-6)	537.13	32.74
28 46 13 31-1900	EA	Addressable Relay Module Containing Two Isolated Sets Of Form-C Contacts, Which Operate As A Dpdt Switch (Fire-Lite CRF-300)	163.61	32.74
28 46 13 31-1901	EA	Six-Relay Control Module (Form-C Relays) (Fire-Lite CRF-300-6)	450.31	32.74
28 46 13 31-1902	EA	Module Isolates The SLC (DCL) Loop From Short Circuit Conditions (Fire-Lite I300)	88.33	16.37
28 46 13 31-1903	EA	Six-Fault Isolator Module (Fire-Lite ISO-6)	404.49	32.74
28 46 13 31-1904	EA	Dual Monitor Module (Fire-Lite MDF-300)	196.83	32.74
28 46 13 31-1905	EA	Addressable Monitor Module For One Zone Of Normally-Open Dry-Contact Initiating Devices (Fire-Lite MMF-300)	88.09	16.37
28 46 13 31-1906	EA	Ten-Input Monitor Module (Fire-Lite MMF-300-10)	580.52	32.74
28 46 13 31-1907	EA	Miniature Version Of MMF-300 (Fire-Lite MMF-301)	118.27	26.19
28 46 13 31-1908	EA	Addressable Monitor Module For One Zone Of Conventional Two-Wire Detectors (Fire-Lite MMF-302)	167.01	32.74
28 46 13 31-1909	EA	Six-Zone Interface Module (Fire-Lite MMF-302-6)	574.27	32.74
28 46 13 31-1910	EA	Mount For Modules (Fire-Lite SMB500)	17.76	3.28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1911		**Addressable Control Panels** *(28 46 13 31-1851)*		
28 46 13 31-1912	EA	25 Point Intelligent Control (Fire Lite MS-25)	2,364.11	654.80
28 46 13 31-1913	EA	50 Point Intelligent Control (Fire Lite MS-9050UD)	2,620.68	654.80
28 46 13 31-1914	EA	198-Point Intelligent Control (Fire Lite MS-9200UDLS)	3,670.91	654.80
28 46 13 31-1915	EA	636-Point Intelligent Control (Fire Lite MS-9600LS)	5,450.83	654.80
28 46 13 31-1916	EA	636-Point Intelligent Control (Fire Lite MS-9600UDLS)	5,335.38	654.80
28 46 13 31-1917	EA	IP And 4G Cellur Fire Alram Communicator For Fire Alarm Control Panel (Fire-Lite IPGSM-4G)	711.14	
28 46 13 31-1918		**Silent Knight Fire Alarm** *(28 46 13 31-1124)*		
28 46 13 31-1919		**Addressable Fire Alarm Control Panel** *(28 46 13 31-1918)*		
28 46 13 31-1920	EA	Addressable Fire Alarm Control Panel (Silent Knight 6820)	2,465.84	327.40
28 46 13 31-1921		**Intelligent Addressable Fire Alarm Control Panel with Emergency Voice System** *(28 46 13 31-1918)*		
28 46 13 31-1922	EA	Intelligent Fire Alarm Control Panel with Emergency Voice System (Silent Knight 6820EVS)	4,688.59	327.40
28 46 13 31-1923		**Compatable EVS Equipment** *(28 46 13 31-1918)*		
28 46 13 31-1924	EA	50 Watt Amplifier (Silent Knight EVS-50W)	857.21	65.48
28 46 13 31-1925	EA	125 Watt Amplifier (Silent Knight EVS-125W)	1,486.52	65.48
28 46 13 31-1926	EA	50/100 Watt Amplifier (Silent Knight EVS-100W)	1,842.53	65.48
28 46 13 31-1927	EA	External Backup Amplifier (Silent Knight EVS-100WBU)	661.58	65.48
28 46 13 31-1928	EA	50 Watt Internal Amplifier (Silent Knight EVS-INT50W)	623.40	65.48
28 46 13 31-1929	EA	4 Additional Audio Circuits (Silent Knight EVS-CE4)	224.43	16.37
28 46 13 31-1930	EA	Remote Voice Module (Silent Knight EVS-RVM)	985.12	26.19
28 46 13 31-1931	EA	24 Switch Expander (Silent Knight EVS-SW24)	398.21	32.74
28 46 13 31-1932	EA	Network Voice Control Module (Silent Knight EVS-VCM)	1,177.37	26.19
28 46 13 31-1933	EA	Local Operator Consoule (Silent Knight EVS-LOC)	1,595.24	65.48
28 46 13 31-1934		**Compatable SBUS Devices** *(28 46 13 31-1918)*		
28 46 13 31-1935	EA	4x40 LCD Remote Fire Annunciator With Four Programmable Buttons, Red (Silent Knight 6860)	964.30	65.48
28 46 13 31-1936	EA	4x20 LCD Remote Fire Annunciator, Gray (Silent Knight 5860)	444.79	65.48
28 46 13 31-1937	EA	4x20 LCD Remote Fire Annunciator, Red (Silent Knight 5860R)	525.48	65.48
28 46 13 31-1938	EA	4x20 LCD Remote Fire Annunciator, Red (Silent Knight 6855)	353.31	65.48
28 46 13 31-1939	EA	LED Annunciators- Display Up To 30 LEDs (15 Red/15 Yellow) (Silent Knight 5865-3)	447.82	65.48
28 46 13 31-1940	EA	LED Annunciators- Display Up To 30 LEDs (15 Red/15 Yellow) With Key Switches For Silence And Reset, And A System Trouble Led (Silent Knight 5865-4)	472.08	65.48
28 46 13 31-1941	EA	LED I/O Module With 40 Programmable LED Outputs And Eight Supervised Dry Contact Inputs (Silent Knight 5880)	368.09	49.11
28 46 13 31-1942	EA	Relay Interface. Provides 10 Form C Relays (Silent Knight 5883)	224.28	32.74
28 46 13 31-1943	EA	Serial/Parallel Printer Interface Module For Printer Connection (Silent Knight 5824)	299.75	32.74
28 46 13 31-1944		**SK Compatible Addressable Device** *(28 46 13 31-1918)*		
28 46 13 31-1945	EA	Multi Criteria Photoelectric Smoke Detector With Thermal 135°F Fixed Temperature (Silent Knight SK-ACCLIMATE)	167.21	49.11
28 46 13 31-1946	EA	Reflected Beam Smoke Detector Without Test Feature (Silent Knight SK-BEAM)	878.58	49.11
28 46 13 31-1947	EA	Reflected Beam Smoke Detector With Test Feature (Silent Knight SK-BEAM-T)	993.92	49.11
28 46 13 31-1948	EA	Reflected Beam Smoke Detector, SK Protocol (Silent Knight OSI-RI-SK)	1,119.01	49.11
28 46 13 31-1949	EA	Supervised Control Module (Silent Knight SK-CONTROL)	165.69	49.11
28 46 13 31-1950	EA	Six Circuit Supervised Control Module (Silent Knight SK-CONTROL-6)	471.08	65.48
28 46 13 31-1951	EA	Photoelectric Duct Smoke Detector With Extended Air Speed Range (Silent Knight SK-DUCT)	259.25	49.11
28 46 13 31-1952	EA	Four Criteria Fire And Carbon Monoxide Detector (Silent Knight SK-FIRE-CO)	235.47	49.11
28 46 13 31-1953	EA	Four Criteria Fire And Carbon Monoxide Detector, White (Silent Knight SK-FIRE-CO-W)	261.16	49.11
28 46 13 31-1954	EA	Fixed Thermal Detector (135°F) (Silent Knight SK-HEAT)	153.43	49.11
28 46 13 31-1955	EA	Fixed Thermal Detector (135°F), White (Silent Knight SK-HEAT-W)	157.34	49.11
28 46 13 31-1956	EA	Fixed Rate Of Rise Detector (Silent Knight SK-HEAT-ROR)	154.97	49.11
28 46 13 31-1957	EA	Fixed Rate Of Rise Detector, White (Silent Knight SK-HEAT-ROR-W)	157.34	49.11
28 46 13 31-1958	EA	Fixed High Temperature Heat Detector (190°F) (Silent Knight SK-HEAT-HT)	153.43	49.11
28 46 13 31-1959	EA	Fixed High Temperature Heat Detector (190°F), White (Silent Knight SK-HEAT-HT-W)	157.34	49.11
28 46 13 31-1960	EA	Fault Isolator Module (Silent Knight SK-ISO)	153.43	49.11
28 46 13 31-1961	EA	Mini Monitor Module (Silent Knight SK-MINIMON)	142.68	49.11
28 46 13 31-1962	EA	Monitor Module (Silent Knight SK-MONITOR)	150.63	49.11
28 46 13 31-1963	EA	Dual Input Monitor Module (Silent Knight SK-MONITOR-2)	190.24	49.11
28 46 13 31-1964	EA	10 Input Monitor Module (Silent Knight SK-MON-10)	528.75	65.48
28 46 13 31-1965	EA	Photoelectric Smoke Detector (Silent Knight SK-PHOTO)	156.50	49.11
28 46 13 31-1966	EA	Photoelectric Smoke Detector, White (Silent Knight SK-PHOTO-W)	164.54	49.11
28 46 13 31-1967	EA	Photoelectric Detector With Remote Test Capability (Silent Knight SK-PHOTO-R)	158.79	49.11
28 46 13 31-1968	EA	Photoelectric Detector With Remote Test Capability, White (Silent Knight SK-PHOTO-R-W)	166.95	49.11
28 46 13 31-1969	EA	Photoelectric Smoke Detector With Fixed Thermal Heat (135°F) (Silent Knight SK-PHOTO-T)	162.63	49.11
28 46 13 31-1970	EA	Photoelectric Smoke Detector With Fixed Thermal Heat (135°F), White (Silent Knight SK-PHOTO-T-W)	170.77	49.11
28 46 13 31-1971	EA	Multi Criteria Photoelectric Smoke Detector With Thermal 135°F Fixed Temperature, White (Silent Knight SK-PTIR-W)	180.38	49.11
28 46 13 31-1972	EA	Addressable Single Action Pull Station (Silent Knight SK-PULL-SA)	143.03	32.74
28 46 13 31-1973	EA	Addressable Dual Action Pull Station (Silent Knight SK-PULL-DA)	143.03	32.74
28 46 13 31-1974	EA	Addressable Relay Module (Silent Knight SK-RELAY)	132.95	32.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1975	EA	Addressable Six Relay Control Module (Silent Knight SK-RELAY-6)	459.25	65.48
28 46 13 31-1976	EA	Addressable Dual Relay/Monitor Module (Silent Knight SK-RELAYMON-2)	289.91	49.11
28 46 13 31-1977	EA	Addressable Zone Interface Module (Silent Knight SK-ZONE)	177.97	49.11
28 46 13 31-1978	EA	Six Zone Interface Module (Silent Knight SK-ZONE-6)	549.46	65.48
28 46 13 31-1979		**SK Bases** *(28 46 13 31-1918)*		
28 46 13 31-1980	EA	6" Mounting Base (Silent Knight B210LP)	45.39	16.37
28 46 13 31-1981	EA	4" Flangeless Mounting Base (Silent Knight B501)	47.95	16.37
28 46 13 31-1982	EA	Intelligent Sounder Base (Silent Knight B200S)	87.94	16.37
28 46 13 31-1983	EA	Low-Frequency Intelligent Sounder Base (Silent Knight B200-LF)	120.16	16.37
28 46 13 31-1984	EA	Relay Base (Silent Knight B224RB)	73.24	16.37
28 46 13 31-1985	EA	Isolator Base (Silent Knight B224BI)	72.45	16.37
28 46 13 31-1986		**SD Compatible Addressable Device** *(28 46 13 31-1918)*		
28 46 13 31-1987	EA	Addressable Smoke 4" Detector Base (Silent Knight SD505-4AB)	43.78	16.37
28 46 13 31-1988	EA	Addressable Smoke 6" Detector Base (Silent Knight SD505-6AB)	57.25	16.37
28 46 13 31-1989	EA	6" Addressable Relay Base (Silent Knight SD505-6RB)	147.41	16.37
28 46 13 31-1990	EA	6" Addressable Sounder Base (Silent Knight SD505-6SB)	152.46	16.37
28 46 13 31-1991	EA	Addressable Input Module (Silent Knight SD500-AIM)	252.71	49.11
28 46 13 31-1992	EA	Addressable Notification Module (Silent Knight SD500-ANM)	242.39	49.11
28 46 13 31-1993	EA	Addressable Relay Module (Silent Knight SD500-ARM)	260.24	49.11
28 46 13 31-1994		**System Expanders** *(28 46 13 31-1918)*		
28 46 13 31-1995	EA	SLC Expander For IDP Or SK Devices (Silent Knight 6815)	524.05	65.48
28 46 13 31-1996	EA	SLC Expander For SD Devices (Silent Knight 5815XL)	464.49	65.48
28 46 13 31-1997	EA	6A Power Supply With 6 Flexput Circuits And 2 Form C Relays (Silent Knight RPS-1000)	798.97	32.74
28 46 13 31-1998	EA	6 AMP NAC Power Expander With 4 Power-Limited Output Ckts (Silent Knight 5496)	583.05	98.22
28 46 13 31-1999		**Miscellaneous Accessories** *(28 46 13 31-1918)*		
28 46 13 31-2000	EA	Remote Battery Box Accessory Cabinet (Silent Knight RBB)	143.69	32.74
28 46 13 31-2001		**Silent Knight Fire Alarm** *(28 46 13 31-1124)*		
28 46 13 31-2002	EA	Addressable Fire Alarm Control Panel With Integrated Emergency Communication System (Silent Knight 5820XL-EVS)	5,781.87	327.40
28 46 13 31-2003	EA	Supervised Remote Command Unit (Silent Knight EVS-RCU)	2,387.26	196.44
28 46 13 31-2004	EA	Voice Evacuation System (Silent Knight SKE-450)	2,872.48	130.96
28 46 13 31-2005	EA	Fire Fighters Telephone (Silent Knight SK-FFT)	2,378.59	130.96
28 46 13 31-2006	EA	Multi-Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5820XL)	2,524.01	196.44
28 46 13 31-2007	EA	Single Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5808)	1,804.73	130.96
28 46 13 31-2008	EA	Single Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5700)	1,373.30	130.96
28 46 13 31-2009	EA	Hybrid Conventional Fire Alarm Control/Communicator System (Silent Knight 5600)	1,180.53	130.96
28 46 13 31-2010	EA	Ionization Smoke Detector (Silent Knight SK-ION)	222.52	49.11
28 46 13 31-2011	EA	Sounder Base (Silent Knight B200SR)	127.54	16.37
28 46 13 31-2012	EA	Intelligent Sounder Base (Silent Knight B200S)	135.23	16.37
28 46 13 31-2013	EA	Isolator Base (Silent Knight B224BI)	105.79	16.37
28 46 13 31-2014	EA	Relay Base (Silent Knight B224RB)	107.05	16.37
28 46 13 31-2015	EA	Analog Ionization Smoke Detector (Silent Knight SD505-AIS)	217.61	49.11
28 46 13 31-2016	EA	Addressable Heat Sensor (Silent Knight SD505-AHS)	184.60	49.11
28 46 13 31-2017	EA	Addressable Photoelectric Smoke Detector (Silent Knight SD505-APS)	203.27	49.11
28 46 13 31-2018	EA	6" Isolator Base (Silent Knight SD505-6IB)	133.97	16.37
28 46 13 31-2019	EA	SLC Annunciator Driver Module (Silent Knight SD500-LED)	888.97	98.22
28 46 13 31-2020	EA	Loop Isolation Module (Silent Knight SD500-LIM)	210.97	49.11
28 46 13 31-2021	EA	Addressable Mini Input Module (Silent Knight SD500-MIM)	166.71	32.74
28 46 13 31-2022	EA	Single Action Addressable Pull Station (Silent Knight SD500-PS)	216.01	32.74
28 46 13 31-2023	EA	Dual Action Addressable Pull Station (Silent Knight SD500-PSDA)	206.14	32.74
28 46 13 31-2024	EA	Back Box (Silent Knight SK-PSSMBB)	93.71	26.19
28 46 13 31-2025	EA	Smoke Detector Module (Silent Knight SD500-SDM)	236.40	49.11
28 46 13 31-2026	EA	Addressable Duct Housing (Silent Knight SD505-DUCT)	310.08	49.11
28 46 13 31-2027	EA	Addressable Duct Housing With Built-In Relay (Silent Knight SD505-DUCTR)	505.24	49.11
28 46 13 31-2028	EA	Addressable Duct Detector Test Switch (Silent Knight SD505-DTS)	208.41	49.11
28 46 13 31-2029	EA	Intelligent Power Module (Silent Knight 5895XL)	1,282.86	130.96
28 46 13 31-2030	EA	Addressable Pull Station (Silent Knight SK-Pull-DA/SA)	206.14	32.74
28 46 13 31-2031	EA	Digital Fire Communicator with Cabinet (Silent Knight SK-5104)	719.98	98.22
28 46 13 31-2032	EA	Communicator (Silent Knight IPGSM-4G)	1,073.54	65.48
28 46 13 31-2033	EA	Ten Zone Conventional Fire Alarm Control Panel (Silent Knight SK-5208)	1,694.20	130.96
28 46 13 31-2034	EA	10 Zone Expander (Silent Knight SK-5217)	474.92	32.74
28 46 13 31-2035	EA	Remote Annunciator (Silent Knight SK-5235)	472.95	65.48
28 46 13 31-2036	EA	Status Display Module (Silent Knight 5280)	135.97	32.74
28 46 13 31-2037	EA	Four Zone Conventional Fire Alarm Control Panel (Silent Knight SK-4)	959.21	130.96
28 46 13 31-2038	EA	Four Zone Conventional Fire Alarm Control Panel (Silent Knight SK-4E)	978.24	130.96
28 46 13 31-2039	EA	Dress Panel (Silent Knight SK-DP2/4)	180.79	32.74
28 46 13 31-2040	EA	Class A Convertor (Silent Knight SK-CAC4)	473.93	49.11
28 46 13 31-2041	EA	Transmitter Module (Silent Knight SK-4XTM	248.75	49.11
28 46 13 31-2042	EA	LED Interface Module (Silent Knight SK-4XLM	229.00	49.11
28 46 13 31-2043	EA	110 Volt AC, 3-6 Amperes, Transformer (Silent Knight SK-XRM24)	235.74	32.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2044	EA	Remote Annunciator (Silent Knight SK-RZA4)	229.00	49.11
28 46 13 31-2045	EA	Zone Relay Module (Silent Knight SK-4XZM)	246.27	49.11
28 46 13 31-2046	EA	Two Zone Conventional Fire Alarm Control Panel (Silent Knight SK-2)	828.30	130.96
28 46 13 31-2047	EA	Manual Pull Station (single action) (Silent Knight PS-SATK)	113.26	32.74
28 46 13 31-2048	EA	Manual Pull Station (dual action) (Silent Knight PS-DATK)	122.79	32.74
28 46 13 31-2049	EA	Manual Pull Station (dual action) (Silent Knight PS-DA)	120.12	32.74
28 46 13 31-2050	EA	Dual Action Manual Pull Station, Hex Key (Silent Knight PS-DAH)	107.04	32.74
28 46 13 31-2051	EA	Dual Action Listed Outdoor Manual Pull Station With Black Box (Silent Knight PS-DALOB)	241.45	39.29
28 46 13 31-2052	EA	6 Amperes, 24 Volt DC, Distributed Power Module (with cabinet) (Silent Knight SK-5495)	838.99	98.22
28 46 13 31-2053	EA	9 Amperes, 24 Volt DC, Distributed Power Module (with cabinet) (Silent Knight SK-5499)	943.70	98.22
28 46 13 31-2054	EA	Detector (Silent Knight IDP-PhotoR)	288.13	49.11
28 46 13 31-2055	EA	Monitoring Module (Silent Knight IDP)	298.13	49.11
28 46 13 31-2056	EA	I/O Input-Output Module (Silent Knight SK-2880)	765.16	32.74
28 46 13 31-2057	EA	Remote Annunciator (Silent Knight RA-2000)	2,195.54	98.22
28 46 13 31-2058	EA	Power Supply (Silent Knight 5195/96)	1,364.90	32.74
28 46 13 31-2059	EA	8 Zone Expander (Silent Knight SK-5210)	1,065.03	32.74
28 46 13 31-2060	EA	LCD Remote Annunciator (Silent Knight SK-5230)	448.86	65.48
28 46 13 31-2061	EA	Ionization Smoke Detector (Silent Knight SK-ION)	222.52	49.11
28 46 13 31-2062	EA	Addressable Relay Module (Silent Knight IDP-Relay)	248.15	49.11
28 46 13 31-2063	EA	Telephone Line Monitor (Silent Knight SK-7150)	155.44	32.74
28 46 13 31-2064	EA	Serial Driver Board (Silent Knight SK-2884)	287.38	32.74
28 46 13 31-2065	EA	Smoke Detector Base (Silent Knight IDP-6AB)	82.72	16.37
28 46 13 31-2066	EA	Mini Input Module (Silent Knight IDP-MINIMON)	215.41	32.74
28 46 13 31-2067	EA	Status Display Module (Silent Knight SK-4180)	785.16	32.74
28 46 13 31-2068	EA	8-Channel Digital Communicator (Silent Knight SK-1420)	465.30	32.74
28 46 13 31-2069	EA	Serial Parallel Module (Silent Knight SK-4824)	425.32	32.74
28 46 13 31-2070	EA	Power Supply (Silent Knight SK-5197 / SK-5198)	1,564.80	32.74
28 46 13 31-2071	EA	4-Zone Fire Alarm Control Panel, Complete (Silent Knight SK-5204)	2,660.84	130.96
28 46 13 31-2072	EA	Intelligent Ionization Smoke Detector (Silent Knight IDP-ION)	298.13	49.11
28 46 13 31-2073	EA	Intelligent Photoelectric Smoke Detector (Silent Knight IDP-Photo)	248.15	49.11
28 46 13 31-2074		**Alerton Fire Alarm** *(28 46 13 31)*		
28 46 13 31-2075	EA	UL Listed Surge Protector In CHS-M3 Or CPU2-640 Chassis (Alerton ESD-100)	616.89	9.82
28 46 13 31-2076		**Cooper Fire Alarm** *(28 46 13 31)*		
28 46 13 31-2077	EA	Single Circuit Class A / Multiple B, 12 Or 24 Volt DC, Sync Module (Cooper DSM-12/24-R)	206.21	32.74
28 46 13 31-2078	EA	Red Lens, 21 Joules, 24 Volt DC, Class I, Div 1, Groups C, D, NEMA 4X And 6, Strobe (Cooper EP109205-001)	4,815.43	55.65
28 46 13 31-2079	EA	Red, 100 dB, 24 Volt DC, Class I, Div 1, Groups C, D, NEMA 4X, Multitone Horn (Cooper EP109206-002)	6,353.27	55.65
28 46 13 31-2080	EA	Red Lens, 5 Joules, 24 Volt DC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-001)	2,313.00	65.48
28 46 13 31-2081	EA	Clear Lens, 5 Joules, 24 Volt DC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-002)	2,326.67	65.48
28 46 13 31-2082	EA	Amber Lens, 5 Joules, 110 Volt AC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-007)	2,326.67	65.48
28 46 13 31-2083	EA	Red Lens, 10 Joules, 24 Volt DC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-001)	1,721.78	65.48
28 46 13 31-2084	EA	Amber Lens, 10 Joules, 120 Volt AC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-003)	1,721.78	65.48
28 46 13 31-2085	EA	Red Lens, 10 Joules, 120 Volt AC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-004)	1,721.78	65.48
28 46 13 31-2086	EA	Amber Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Backstrap, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-005)	2,326.67	65.48
28 46 13 31-2087	EA	Amber Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Pendant Mounted, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-006)	2,326.67	65.48
28 46 13 31-2088	EA	Red Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Blackstrap, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-007)	2,326.67	65.48
28 46 13 31-2089	EA	Red Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Pendant Mounted, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-008)	2,326.67	65.48
28 46 13 31-2090	EA	Red Lens, 15 Joules, 24 Volt DC, Wire Guard, Blackstrap, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109203-002)	2,326.67	65.48
28 46 13 31-2091	EA	Red Lens, 21 Joules, 24 Volt DC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-001)	2,680.37	65.48
28 46 13 31-2092	EA	Red Lens, 21 Joules, 24 Volt DC, Black Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-003)	2,488.99	65.48
28 46 13 31-2093	EA	Amber Lens, 21 Joules, 110 Volt AC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-005)	2,488.99	65.48
28 46 13 31-2094	EA	Red Lens, 21 Joules, 110 Volt AC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-006)	2,488.99	65.48
28 46 13 31-2095		**Light Engineered Displays Message Boards** *(28 46 13 31)*		
28 46 13 31-2096	EA	Two Message Sign, Announcement And Evacuate (LED SP-2/MNS)	992.21	39.29
28 46 13 31-2097	EA	Four Message Sign, Fire, Weather, Announcement, E Voltuate (LED SP-4)	874.62	39.29
28 46 13 31-2098		**Safety Technology International Fire Alarm** *(28 46 13 31)*		
28 46 13 31-2099		**Enclosures** *(28 46 13 31-2098)*		
28 46 13 31-2100	EA	6" Height x 6" Width x 4" Depth, Opaque, Fiberglass Enclosure (STI EF060604-O)	137.16	19.64
28 46 13 31-2101	EA	6" Height x 6" Width x 4" Depth, Opaque, Fiberglass Enclosure With Window (STI EF060604-W)	176.49	19.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2102	EA	8" Height x 6" Width x 4" Depth, Opaque, Fiberglass Enclosure (STI EF080604-O)	139.79	19.64
28 46 13 31-2103	EA	8" Height x 6" Width x 4" Depth, Opaque, Fiberglass Enclosure With Window (STI EF080604-W)	177.36	19.64
28 46 13 31-2104	EA	8" Height x 8" Width x 4" Depth, Opaque, Fiberglass Enclosure (STI EF080804-O)	143.28	19.64
28 46 13 31-2105	EA	8" Height x 8" Width x 4" Depth, Opaque, Fiberglass Enclosure With Window (STI EF080804-W)	203.58	19.64
28 46 13 31-2106	EA	10" Height x 8" Width x 6" Depth, Opaque, Fiberglass Enclosure (STI EF100806-O)	149.40	19.64
28 46 13 31-2107	EA	10" Height x 8" Width x 6" Depth, Opaque, Fiberglass Enclosure With Window (STI EF100806-W)	202.71	19.64
28 46 13 31-2108	EA	12" Height x 10" Width x 6" Depth, Opaque, Fiberglass Enclosure (STI EF121006-O)	159.89	19.64
28 46 13 31-2109	EA	12" Height x 10" Width x 6" Depth, Opaque, Fiberglass Enclosure With Window (STI EF121006-W)	219.31	19.64
28 46 13 31-2110	EA	14" Height x 12" Width x 6" Depth, Opaque, Fiberglass Enclosure (STI EF141206-O)	188.72	19.64
28 46 13 31-2111	EA	14" Height x 12" Width x 6" Depth, Opaque, Fiberglass Enclosure With Window (STI EF141206-W)	282.23	19.64
28 46 13 31-2112	EA	14" Height x 12" Width x 8" Depth, Opaque, Fiberglass Enclosure (STI EF141208-O)	202.71	19.64
28 46 13 31-2113	EA	14" Height x 12" Width x 8" Depth, Opaque, Fiberglass Enclosure With Window (STI EF141208-W)	353.89	19.64
28 46 13 31-2114	EA	16" Height x 14" Width x 8" Depth, Opaque, Fiberglass Enclosure (STI EF161408-O)	214.94	19.64
28 46 13 31-2115	EA	16" Height x 14" Width x 8" Depth, Opaque, Fiberglass Enclosure With Window (STI EF161408-W)	364.37	19.64
28 46 13 31-2116	EA	18" Height x 16" Width x 10" Depth, Opaque, Fiberglass Enclosure (STI EF181610-O)	254.26	19.64
28 46 13 31-2117	EA	18" Height x 16" Width x 10" Depth, Opaque, Fiberglass Enclosure With Window (STI EF181610-W)	373.99	19.64
28 46 13 31-2118	EA	20" Height x 16" Width x 10" Depth, Opaque, Fiberglass Enclosure (STI EF201610-O)	364.37	19.64
28 46 13 31-2119	EA	20" Height x 16" Width x 10" Depth, Opaque, Fiberglass Enclosure With Window (STI EF201610-W)	537.40	19.64
28 46 13 31-2120	EA	6" Height x 6" Width x 5" Depth, Opaque, Polycarbonate Enclosure (STI EP060605-O)	103.96	19.64
28 46 13 31-2121	EA	6" Height x 6" Width x 5" Depth, Tinted, Polycarbonate Enclosure (STI EP060605-T)	112.70	19.64
28 46 13 31-2122	EA	8" Height x 6" Width x 5" Depth, Opaque, Polycarbonate Enclosure (STI EP080605-O)	107.89	19.64
28 46 13 31-2123	EA	8" Height x 6" Width x 5" Depth, Tinted, Polycarbonate Enclosure (STI EP080605-T)	115.32	19.64
28 46 13 31-2124	EA	8" Height x 8" Width x 5" Depth, Opaque, Polycarbonate Enclosure (STI EP080805-O)	111.39	19.64
28 46 13 31-2125	EA	8" Height x 8" Width x 5" Depth, Tinted, Polycarbonate Enclosure (STI EP080805-T)	120.12	19.64
28 46 13 31-2126	EA	10" Height x 8" Width x 6" Depth, Opaque, Polycarbonate Enclosure (STI EP100806-O)	112.70	19.64
28 46 13 31-2127	EA	10" Height x 8" Width x 6" Depth, Tinted, Polycarbonate Enclosure (STI EP100806-T)	130.61	19.64
28 46 13 31-2128	EA	10" Height x 8" Width x 7" Depth, Opaque, Polycarbonate Enclosure (STI EP100807-O)	117.94	19.64
28 46 13 31-2129	EA	10" Height x 8" Width x 7" Depth, Tinted, Polycarbonate Enclosure (STI EP100807-T)	134.11	19.64
28 46 13 31-2130	EA	10" Height x 10" Width x 6" Depth, Opaque, Polycarbonate Enclosure (STI EP101006-O)	122.75	19.64
28 46 13 31-2131	EA	10" Height x 10" Width x 6" Depth, Tinted, Polycarbonate Enclosure (STI EP101006-T)	136.29	19.64
28 46 13 31-2132	EA	12" Height x 10" Width x 7" Depth, Opaque, Polycarbonate Enclosure (STI EP121007-O)	124.06	19.64
28 46 13 31-2133	EA	12" Height x 10" Width x 7" Depth, Tinted, Polycarbonate Enclosure (STI EP121007-T)	140.66	19.64
28 46 13 31-2134	EA	14" Height x 12" Width x 7" Depth, Opaque, Polycarbonate Enclosure (STI EP141207-O)	144.16	19.64
28 46 13 31-2135	EA	14" Height x 12" Width x 7" Depth, Tinted, Polycarbonate Enclosure (STI EP141207-T)	177.36	19.64
28 46 13 31-2136	EA	16" Height x 14" Width x 9" Depth, Opaque, Polycarbonate Enclosure (STI EP161409-O)	158.14	19.64
28 46 13 31-2137	EA	16" Height x 14" Width x 9" Depth, Tinted, Polycarbonate Enclosure (STI EP161409-T)	210.57	19.64
28 46 13 31-2138	EA	18" Height x 16" Width x 5" Depth, Opaque, Polycarbonate Enclosure (STI EP181604-O)	174.74	19.64
28 46 13 31-2139	EA	18" Height x 16" Width x 5" Depth, Tinted, Polycarbonate Enclosure (STI EP181604-T)	225.43	19.64
28 46 13 31-2140	EA	18" Height x 16" Width x 11" Depth, Opaque, Polycarbonate Enclosure (STI EP181611-O)	197.46	19.64
28 46 13 31-2141	EA	18" Height x 16" Width x 11" Depth, Tinted, Polycarbonate Enclosure (STI EP181611-T)	263.00	19.64
28 46 13 31-2142	EA	20" Height x 16" Width x 9" Depth, Opaque, Polycarbonate Enclosure (STI EP201608-O)	310.19	19.64
28 46 13 31-2143	EA	20" Height x 16" Width x 9" Depth, Tinted, Polycarbonate Enclosure (STI EP201608-T)	324.17	19.64
28 46 13 31-2144	EA	24" Height x 24" Width x 10" Depth, Opaque, Polycarbonate Enclosure (STI EP242410-O)	464.00	19.64
28 46 13 31-2145	EA	24" Height x 24" Width x 10" Depth, Tinted, Polycarbonate Enclosure (STI EP242410-T)	536.53	19.64
28 46 13 31-2146		STI® Fire Alarm Devices *(28 46 13 31-2098)*		
28 46 13 31-2147	EA	Pull Station Polycarbonate Cover, Semi-Flush With Horn (STI-1100) Note: Includes 9 Volt DC self contained battery.	162.94	19.64
28 46 13 31-2148	EA	Surface Mounted, Manual Pull Station Polycarbonate Cover With Horn (STI-1130)	177.36	19.64
28 46 13 31-2149	EA	Flush Mounted, Manual Pull Station Polycarbonate Cover (STI-1200)	106.80	19.64
28 46 13 31-2150	EA	Surface Mounted, Horn Strobe Polycarbonate Cover (STI-1210D) Note: For surface mounted horn strobes.	107.67	19.64
28 46 13 31-2151	EA	Flush Mounted, Horn Strobe Polycarbonate Cover (STI-1210E)	96.31	19.64
28 46 13 31-2152	EA	Strobe Damage Stopper And Open Back Box With Conduit Knockout (STI-1221D) Note: For surface mounted strobe.	107.67	19.64
28 46 13 31-2153	EA	Strobe Damage Stopper And Open Back Box, Semi-Flush (STI-1221E)	87.79	19.64
28 46 13 31-2154	EA	NEMA 4X Rated Polycarbonate Dome Cover (STI-1229)	199.21	19.64
28 46 13 31-2155	EA	Surface Mounted, Manual Pull Station Polycarbonate Cover (STI-1230) Note: For surface mounted pull stations.	134.54	19.64
28 46 13 31-2156	EA	Backplate For Polycarbonate Cover (STI-1280)	66.90	19.64
28 46 13 31-2157	EA	Conduit Gasket For Polycarbonate Cover (STI-3003)	49.78	19.64
28 46 13 31-2158	EA	Conduit Spacer For Surface Mounted Polycarbonate Cover (STI-3100)	67.87	19.64
28 46 13 31-2159	EA	Weather Resistant, Surface Mounted, Manual Pull Station Polycarbonate Cover (STI-3150)	149.84	19.64
28 46 13 31-2160	EA	8.5" x 6.5" x 4.6", Thumb Lock, Lockable Enclosure (STI-7511A)	124.93	19.64
28 46 13 31-2161	EA	Flush Mounted, Smoke Detector Polycarbonate Cover (STI-8100)	93.47	19.64
28 46 13 31-2162	EA	Flush Mounted, Low Profile, Smoke Detector Steel Wire Cover (STI-9601)	88.66	19.64
28 46 13 31-2163	EA	Surface Mounted, Low Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9602)	85.82	19.64
28 46 13 31-2164	EA	Flush Mounted, Mini Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9604)	88.66	19.64
28 46 13 31-2165	EA	Surface Mounted, Mini Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9605)	85.82	19.64
28 46 13 31-2166	EA	Flush Mounted, High Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9609)	88.66	19.64
28 46 13 31-2167	EA	Surface Mounted, High Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9610)	85.82	19.64
28 46 13 31-2168	EA	Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9625)	163.82	19.64
28 46 13 31-2169	EA	White, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9705)	80.10	19.64
28 46 13 31-2170	EA	Red, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9705-R)	112.77	19.64
28 46 13 31-2171	EA	Flush Mounted, Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9706)	119.25	19.64
28 46 13 31-2172	EA	Surface Mounted, Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9707)	119.25	19.64
28 46 13 31-2173	EA	White, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9708)	87.79	19.64
28 46 13 31-2174	EA	Red, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9708-R)	87.79	19.64
28 46 13 31-2175	EA	White, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9711)	80.10	19.64
28 46 13 31-2176	EA	Flush Mounted, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9713)	87.79	19.64

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2177	EA	White, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9714)	87.79	19.64
28 46 13 31-2178	EA	Yellow, High Threat, Push Button Station (STI SS-2201)	137.11	9.82
28 46 13 31-2179	EA	Gasket Kit For STI Covers (STI SUB-121)	56.84	
28 46 13 31-2180	EA	Universal Cover With Horn, Flush Mount, Momentary Button, Exit Label, Green Stopper Station (STI SS-2144XT)	210.57	19.64
28 46 13 31-2181	EA	No Cover, Push And Turn-To-Reset Button, Evacuation Label, Yellow Stopper Station (STI SS-2201EV)	117.50	19.64
28 46 13 31-2182	EA	No Cover, Push And Key-To-Rest Button, Emergency Label, Blue Stopper Station (STI SS-2400EM)	117.50	19.64
28 46 13 31-2183	EA	Universal Cover With Horn, Flush Mount, Push And Key-To-Reset Button, Emergency Label, Blue Stopper Station (STI SS-2440EM)	210.57	19.64
28 46 13 31-2184	EA	Flush Mounted, Weather Stopper II (STI-1250)	126.02	19.64
28 46 13 31-2185	EA	Flush Mounted, Clear, Universal Stopper (STI-13000NC)	85.82	19.64
28 46 13 31-2186	EA	Flush Mounted, Universal, Fire Label, Red, Stopper With Horn (STI-13020FR)	142.84	19.64
28 46 13 31-2187	EA	Surface Mounted, Clear, Universal Stopper (STI-13200NC)	102.21	19.64
28 46 13 31-2188	EA	Surface Mounted, Fire Label, Red, Universal Stopper (STI-13210FR)	110.95	19.64
28 46 13 31-2189	EA	Surface Mounted, No Label, White, Universal Stopper (STI-13210NW)	120.12	19.64
28 46 13 31-2190	EA	Surface Mounted, No Label, Yellow, Universal Stopper (STI-13210NY)	120.12	19.64
28 46 13 31-2191	EA	Surface Mounted, Fire Label, Red, Universal Stopper With Horn (STI-13220FR)	159.01	19.64
28 46 13 31-2192	EA	Surface Mounted, No Label, Yellow, Universal Stopper With Horn (STI-13220NY)	167.75	19.64
28 46 13 31-2193	EA	Surface Mounted, Fire Label, Red, Universal Stopper With Horn And Relay (STI-13230FR)	198.34	19.64
28 46 13 31-2194	EA	Stopper II, Weather Gasket (STI-3002)	48.86	19.64
28 46 13 31-2195	EA	Large, Break Glass Stopper (STI-4100)	119.25	19.64
28 46 13 31-2196	EA	Stopper "G" Standard Break Glass Cover (STI-6100)	115.32	19.64
28 46 13 31-2197	EA	Clear, Polycarbonate Enclosure With Deep Back Box And Exterior Key Lock (STI-7510A)	111.60	19.64
28 46 13 31-2198	EA	Polycarbonate Multi-Purpose Enclosure With Backplate And Key Lock (STI-7530)	287.47	19.64
28 46 13 31-2199	EA	Heated, Metal, Protective Cabinet (STI-7560AH)	3,936.79	19.64
28 46 13 31-2200	EA	Stainless Steel Guard (STI-9604SS)	82.11	19.64
28 46 13 31-2201	EA	5-3/4" Width x 4-1/2" Depth, Motion Detector Guard (STI-9621)	74.46	19.64

28 46 13 31-2202 System Sensor Fire Alarm *(28 46 13 31)*

28 46 13 31-2203 Smoke Detectors *(28 46 13 31-2202)*

28 46 13 31-2204	EA	Beam Detector Heater Kit (System Sensor BEAMHK)	64.01	6.54
28 46 13 31-2205	EA	Reflectors, Beam Detector Heater Kit (System Sensor BEAMHKR) Note: Four used with long range kit.	268.25	6.54
28 46 13 31-2206	EA	Projected Beam Smoke Detector Long Range Kit (System Sensor BEAMLRK)	330.04	65.48
28 46 13 31-2207	EA	Wall Or Ceiling Mounted, Projected Beam Smoke Detector Multi-Mount Kit (System Sensor BEAMMMK)	242.51	65.48
28 46 13 31-2208	EA	Projected Beam Smoke Detector Surface Mounted Kit (System Sensor BEAMSMK)	197.89	65.48
28 46 13 31-2209	EA	Two Wire, Photoelectric Smoke Detector (System Sensor 2W-B)	201.13	49.11
28 46 13 31-2210	EA	Two Wire, Photoelectric Smoke Detector With Thermal Sensor (System Sensor 2WT-B)	181.46	49.11
28 46 13 31-2211	EA	Two Wire, Photoelectric Smoke Detector With Thermal Sensor And Built In Sounder (System Sensor 2WTA-B)	212.22	49.11
28 46 13 31-2212	EA	Four Wire, Photoelectric Smoke Detector (System Sensor 4W-B)	204.70	49.11
28 46 13 31-2213	EA	Four Wire, Photoelectric Smoke Detector With Thermal Sensor, 12/24 Volt DC (System Sensor 4WT-B)	192.90	49.11
28 46 13 31-2214	EA	Four Wire, Photoelectric Smoke Detector With Thermal Sensor And Built In Sounder (System Sensor 4WTA-B)	217.76	49.11
28 46 13 31-2215	EA	Four Wire, Photoelectric Smoke Detector With Isolated Thermal Sensor, Built In Sounder, Form C Relay (System Sensor 4WITAR-B)	282.76	49.11
28 46 13 31-2216	EA	Photoelectric, Low-Profile, Smoke Detector Head (System Sensor 2151)	164.59	32.74
28 46 13 31-2217	EA	Photoelectric With Thermal Sensor, Low-Profile, Smoke Detector Head (System Sensor 2151T) Note: Requires B100 series base.	188.51	32.74
28 46 13 31-2218	EA	Heavy-Duty Multi-Mount Kit (System Sensor 6500-MMK)	309.62	16.37
28 46 13 31-2219	EA	Surface-Mount Kit For Use With Beam1224 And FSB-200 When Using 6500-MMK Heavy-Duty Multi-Mount Kit (System Sensor 6500-SMK)	106.25	16.37
28 46 13 31-2220	EA	Four Wire, Low Profile, Plug In Detector (System Sensor 2D51)	206.04	49.11

28 46 13 31-2221 Duct Smoke Detectors *(28 46 13 31-2202)*

28 46 13 31-2222	EA	Two Wire Conventional Photoelectric Duct Detector (Includes 2151 Detector) (System Sensor D2)	397.99	49.11
28 46 13 31-2223	EA	Four Wire Conventional Photoelectric Duct Detector (Includes 2D51 Detector) (System Sensor D4120)	394.55	49.11
28 46 13 31-2224	EA	Watertight, Four Wire Conventional Photoelectric Duct Detector (Includes 2D51 Detector) (System Sensor D4120W)	517.49	55.65
28 46 13 31-2225	EA	Sensor Only, Four Wire Conventional Photoelectric Duct Detector (System Sensor D4S)	259.99	32.74
28 46 13 31-2226	EA	Duct Accessory Coil (Required On DNR If A Remote Test Station Is Used) (System Sensor DCOIL)	70.55	9.82
28 46 13 31-2227	EA	Intelligent, Non-Relay, Duct Smoke Detector Housing (System Sensor DNR)	222.87	26.19
28 46 13 31-2228	EA	Watertight, Intelligent, Non-Relay, Duct Smoke Detector Housing (System Sensor DNRW)	361.81	32.74
28 46 13 31-2229	EA	1' Steel Sampling Tube (System Sensor DST1)	40.95	13.10
28 46 13 31-2230	EA	1.5' Steel Sampling Tube (System Sensor DST1.5)	44.84	13.10
28 46 13 31-2231	EA	3' Steel Sampling Tube (System Sensor DST3)	50.73	13.10
28 46 13 31-2232	EA	5' Steel Sampling Tube (System Sensor DST5)	65.20	16.37
28 46 13 31-2233	EA	10' Steel Sampling Tube (System Sensor DST10)	96.38	19.64
28 46 13 31-2234	EA	1' Steel, Exhaust Tube Duct (System Sensor ETX)	46.44	13.10
28 46 13 31-2235	EA	Remote Test Station For Duct Smoke Detector (System Sensor RTS151)	105.97	16.37
28 46 13 31-2236	EA	Detector Installation/Removal Tool Kit For 700 Series Detectors (System Sensor XR2)	229.40	
28 46 13 31-2237	EA	Detector Installation/Removal Tool Kit For 800 And 355 Series Detectors (System Sensor XR2B)	246.56	

28 46 13 31-2238 Heat Detectors *(28 46 13 31-2202)*

28 46 13 31-2239	EA	Single Circuit, 135 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5601P)	131.47	49.11
28 46 13 31-2240	EA	Single Circuit, 194 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5602)	125.34	49.11
28 46 13 31-2241	EA	Dual Circuit, 135 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5621)	145.70	49.11
28 46 13 31-2242	EA	Dual Circuit, 194 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5622)	145.70	49.11
28 46 13 31-2243	EA	Dual Circuit, 135 Degree F, Fixed Temperature Heat Detector (System Sensor 5623)	159.51	49.11
28 46 13 31-2244	EA	Dual Circuit, 194 Degree F, Fixed Temperature Heat Detector (System Sensor 5624)	159.51	49.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2245		**Horns** *(28 46 13 31-2202)*		
28 46 13 31-2246	EA	Red, Mini Horn (System Sensor MHR)	134.55	49.11
28 46 13 31-2247	EA	White, Mini Horn (System Sensor MHW)	134.55	49.11
28 46 13 31-2248	EA	White, 12/24 Volt DC, Wall Mounted Horn Only (System Sensor HWL)	136.32	49.11
28 46 13 31-2249	EA	Red, Outdoor, Wall Mounted Replacement Horn (System Sensor HRK-R)	171.16	55.65
28 46 13 31-2250	EA	Red, Indoor, Wall Mounted, Horn (System Sensor HRL)	136.32	49.11
28 46 13 31-2251	EA	Red, Outdoor, Wall Mounted, Horn (System Sensor HRK)	201.13	49.11
28 46 13 31-2252	EA	White, Indoor, Wall Mounted, Compact Horn (System Sensor HGRL)	136.89	49.11
28 46 13 31-2253	EA	Red, Indoor, Wall Mounted, Compact Horn (System Sensor HGWL)	136.89	49.11
28 46 13 31-2254		**Wall Mounted Horns/Strobes** *(28 46 13 31-2202)*		
28 46 13 31-2255	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RL)	184.03	49.11
28 46 13 31-2256	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RH)	238.34	49.11
28 46 13 31-2257	EA	Outdoor Back Box, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK)	271.50	55.65
28 46 13 31-2258	EA	Plain, Outdoor Back Box, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK-P)	265.21	55.65
28 46 13 31-2259	EA	Outdoor Back Box, Red, 120 Volt AC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK-120)	277.51	55.65
28 46 13 31-2260	EA	Outdoor Back Box, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK)	270.64	55.65
28 46 13 31-2261	EA	Plain, Outdoor Back Box, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK-P)	257.20	55.65
28 46 13 31-2262	EA	Outdoor, Red, , Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK-R)	223.79	49.11
28 46 13 31-2263	EA	Plain, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RL-P)	180.03	49.11
28 46 13 31-2264	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WL)	184.03	49.11
28 46 13 31-2265	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WH)	240.04	49.11
28 46 13 31-2266	EA	Outdoor Back Box, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WHK)	262.92	55.65
28 46 13 31-2267	EA	Plain, Outdoor Back Box, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WHK-P)	265.21	55.65
28 46 13 31-2268	EA	Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WH-P)	238.34	49.11
28 46 13 31-2269	EA	Outdoor Back Box, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WK)	279.22	55.65
28 46 13 31-2270	EA	Plain, Outdoor Back Box, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WK-P)	257.20	55.65
28 46 13 31-2271	EA	Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WL-P)	179.17	49.11
28 46 13 31-2272	EA	Red, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RL)	220.07	49.11
28 46 13 31-2273	EA	Red, Four Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P4RH)	258.13	49.11
28 46 13 31-2274	EA	Outdoor Back Box, Red, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RK)	298.15	55.65
28 46 13 31-2275	EA	Outdoor, Red, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RK-R)	251.48	55.65
28 46 13 31-2276	EA	White, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4WL)	220.07	49.11
28 46 13 31-2277	EA	Outdoor Back Box, White, Four Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor PC4WHK)	302.70	55.65
28 46 13 31-2278	EA	Outdoor Back Box, White, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4WK)	265.78	55.65
28 46 13 31-2279	EA	Red, 24 Volt DC, Low-frequency, Selectable Intensity (15, 30, 75, 95, 110, 135 And 185 Candela) Multi-Candela, Wall Mounted, Horn/Strobe (System Sensor P2RL-LF)	269.84	49.11
28 46 13 31-2280	EA	White, 24 Volt DC, Low-frequency, Selectable Intensity (15, 30, 75, 95, 110, 135 And 185 Candela) Multi-Candela, Wall Mounted, Horn/Strobe (System Sensor P2WL-LF)	269.84	49.11
28 46 13 31-2281	EA	Red, 12/24 Volt DC, Two Wire, Selectable Intensity (15, 30, 75, 95, 110, 135 And 185 Candela) Multi-Candela, Wall Mounted, Compact Horn Strobe (System Sensor P2GRL)	183.46	49.11
28 46 13 31-2282	EA	White, 12/24 Volt DC, Two Wire, Selectable Intensity (15, 30, 75, 95, 110, 135 And 185 Candela) Multi-Candela, Wall Mounted, Compact Horn Strobe (System Sensor P2GWL)	183.46	49.11
28 46 13 31-2283		**Ceiling Mounted Horns/Strobes** *(28 46 13 31-2202)*		
28 46 13 31-2284	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RL)	186.89	49.11
28 46 13 31-2285	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RH)	241.75	49.11
28 46 13 31-2286	EA	Outdoor Back Box, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RHK)	262.92	55.65
28 46 13 31-2287	EA	Outdoor Back Box, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RK)	255.48	55.65
28 46 13 31-2288	EA	Plain, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2R-P)	229.79	49.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2289	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WL)	186.89	49.11
28 46 13 31-2290	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WH)	241.75	49.11
28 46 13 31-2291	EA	Outdoor Back Box, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WHK)	262.92	55.65
28 46 13 31-2292	EA	Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WH-P)	241.75	49.11
28 46 13 31-2293	EA	Outdoor Back Box, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WK)	255.48	55.65
28 46 13 31-2294	EA	Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2W-P)	228.08	49.11
28 46 13 31-2295	EA	Red, Ceiling Mounted, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Horn/Strobe (System Sensor PC4RL)	221.50	49.11
28 46 13 31-2296	EA	Red, Ceiling Mounted, Four Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Horn/Strobe (System Sensor PC4RH)	258.13	49.11
28 46 13 31-2297	EA	White, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC4WL)	221.50	49.11
28 46 13 31-2298		**Wall Mounted Strobes** *(28 46 13 31-2202)*		
28 46 13 31-2299	EA	White Strobe Expander Plate Back Box Skirt (System Sensor SEP-BBSW)	84.11	16.37
28 46 13 31-2300	EA	White Strobe Expander Plate With Standard Candela (System Sensor SEP-SW)	161.17	16.37
28 46 13 31-2301	EA	Red, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRL)	166.58	49.11
28 46 13 31-2302	EA	Red, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRH)	216.97	49.11
28 46 13 31-2303	EA	Red, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK)	264.90	55.65
28 46 13 31-2304	EA	Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK)	261.73	55.65
28 46 13 31-2305	EA	Red, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK-P)	236.60	55.65
28 46 13 31-2306	EA	Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK-R)	208.57	55.65
28 46 13 31-2307	EA	Red, Plain, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRL-P)	165.15	49.11
28 46 13 31-2308	EA	White, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL)	166.01	49.11
28 46 13 31-2309	EA	White, Amber Lens, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL-ALERT)	179.45	49.11
28 46 13 31-2310	EA	White, Clear Lens, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL-CLR-ALERT)	216.12	49.11
28 46 13 31-2311	EA	White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH)	226.37	49.11
28 46 13 31-2312	EA	White, Amber Lens, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH-ALERT)	224.67	49.11
28 46 13 31-2313	EA	White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH-P)	224.67	49.11
28 46 13 31-2314	EA	Red, Plain, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK-P)	240.04	55.65
28 46 13 31-2315	EA	White, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWHK)	237.46	55.65
28 46 13 31-2316	EA	White, Plain, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWHK-P)	239.46	55.65
28 46 13 31-2317	EA	Red, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK-R)	242.89	55.65
28 46 13 31-2318	EA	White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Strobe (System Sensor SWK)	235.17	55.65
28 46 13 31-2319	EA	White, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Strobe (System Sensor SWK-P)	236.32	55.65
28 46 13 31-2320	EA	White, Plain, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL-P)	164.87	49.11
28 46 13 31-2321	EA	Amber, Wall Strobe Lens Attachment (System Sensor LENS-A)	28.83	6.54
28 46 13 31-2322	EA	Blue, Wall Strobe Lens Attachment (System Sensor LENS-B)	28.83	6.54
28 46 13 31-2323	EA	Green, Wall Strobe Lens Attachment (System Sensor LENS-G)	28.83	6.54
28 46 13 31-2324	EA	Red, Wall Strobe Lens Attachment (System Sensor LENS-R)	28.83	6.54
28 46 13 31-2325	EA	Red, 12/24 Volt DC, Wall Mounted, L-Series Compact Strobe (System Sensor SGRL)	168.87	49.11
28 46 13 31-2326	EA	White, 12/24 Volt DC, Wall Mounted, L-Series Compact Strobe (System Sensor SGWL)	165.72	49.11
28 46 13 31-2327	EA	L-Series, Amber, Wall Strobe Lens Attachment (System Sensor LENS-A2, AC2)	28.83	6.54
28 46 13 31-2328	EA	L-Series, Blue, Wall Strobe Lens Attachment (System Sensor LENS-B2, BC2)	28.83	6.54
28 46 13 31-2329	EA	L-Series, Green, Wall Strobe Lens Attachment (System Sensor LENS-G2, GC2)	28.83	6.54
28 46 13 31-2330	EA	L-Series, Red, Wall Strobe Lens Attachment (System Sensor LENS-R2, RC2)	28.83	6.54
28 46 13 31-2331	EA	Red, 8 Multi-tone, 12 VDC, 1575CD, Wall Mounted Strobe (Wheelock MT-121575W-FR)	244.73	49.11
28 46 13 31-2332	EA	White, 8 Multi-tone, 12 VDC,1575CD, No Lettering, Wall Mounted Strobe (Wheelock MT-121575W-NW)	244.73	49.11
28 46 13 31-2333		**Ceiling Mounted Strobes** *(28 46 13 31-2202)*		
28 46 13 31-2334	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCRL)	169.73	49.11
28 46 13 31-2335	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCRH)	220.13	49.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2336	EA	Outdoor Back Box, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCRHK)	264.90	55.65
28 46 13 31-2337	EA	Outdoor Back Box, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCRK)	264.90	55.65
28 46 13 31-2338	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCWL)	169.73	49.11
28 46 13 31-2339	EA	Clear Lens, White, Two Wire, 12/24 Volt DC, Standard Candela, Ceiling Mounted Strobe (System Sensor SCWL-CLR-ALERT)	181.17	49.11
28 46 13 31-2340	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCWH)	229.79	49.11
28 46 13 31-2341	EA	Outdoor Back Box, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCWHK)	237.46	55.65
28 46 13 31-2342	EA	Outdoor Back Box, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCWK)	235.17	55.65
28 46 13 31-2343	EA	Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCW-P)	204.16	49.11
28 46 13 31-2344	EA	Blue, Ceiling Strobe Lens Attachment (System Sensor LENS-BC)	28.83	6.54
28 46 13 31-2345	EA	Red, Ceiling Strobe Lens Attachment (System Sensor LENS-RC)	28.83	6.54
28 46 13 31-2346	EA	Green, Ceiling Strobe Lens Attachment (System Sensor LENS-GC)	28.83	6.54
28 46 13 31-2347	EA	Amber, Ceiling Strobe Lens Attachment (System Sensor LENS-AC)	28.83	6.54
28 46 13 31-2348		**Wall Mounted Speakers** *(28 46 13 31-2202)*		
28 46 13 31-2349	EA	24 Volt DC, 4 Field Selectable Sound Pulse Patterns, Directional Sound Speaker With Voice And Integral Audio Amplifier (System Sensor PF24V)	431.17	49.11
28 46 13 31-2350	EA	Red, Wall Mounted Speaker (System Sensor SPRL)	143.41	49.11
28 46 13 31-2351	EA	Red, Outdoor, Wall Mounted Speaker (System Sensor SPRK)	226.94	49.11
28 46 13 31-2352	EA	Red, Outdoor, Wall Mounted Speaker (System Sensor SPRK-R)	190.27	55.65
28 46 13 31-2353	EA	Red, High dB, Wall Mounted Speaker (System Sensor SPRV)	177.38	49.11
28 46 13 31-2354	EA	White, Wall Mounted Speaker (System Sensor SPWL)	143.41	49.11
28 46 13 31-2355	EA	White, Outdoor, Wall Mounted Speaker (System Sensor SPWK)	238.89	55.65
28 46 13 31-2356	EA	White, High dB, Wall Mounted Speaker (System Sensor SPWV)	161.03	49.11
28 46 13 31-2357		**Ceiling Mounted Speakers** *(28 46 13 31-2202)*		
28 46 13 31-2358	EA	Red, Ceiling Mounted Speaker (System Sensor SPCRL)	140.27	49.11
28 46 13 31-2359	EA	Outdoor, Ceiling Mounted Speaker (System Sensor SPCRK)	241.51	49.11
28 46 13 31-2360	EA	Red, High dB, Ceiling Mounted Speaker (System Sensor SPCRV)	177.38	49.11
28 46 13 31-2361	EA	White, Ceiling Mounted Speaker (System Sensor SPCWL)	142.84	49.11
28 46 13 31-2362	EA	White, High dB, Ceiling Mounted Speaker (System Sensor SPCWV)	183.66	49.11
28 46 13 31-2363	EA	White, Outdoor, Ceiling Mounted Speaker (System Sensor SPCWK)	240.04	55.65
28 46 13 31-2364		**Wall Mounted Speakers/Strobes** *(28 46 13 31-2202)*		
28 46 13 31-2365	EA	White Speaker Strobe Expander Plate With Standard Candela (System Sensor SEP-SPSWL)	159.17	16.37
28 46 13 31-2366	EA	White Speaker Strobe Expander Plate Back Box Skirt (System Sensor SPSEP-BBSWL)	80.68	16.37
28 46 13 31-2367	EA	Red, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRL)	229.80	49.11
28 46 13 31-2368	EA	Red, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRH)	277.13	49.11
28 46 13 31-2369	EA	Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK)	370.98	55.65
28 46 13 31-2370	EA	Red, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK-P)	328.14	55.65
28 46 13 31-2371	EA	Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK-R)	280.65	55.65
28 46 13 31-2372	EA	Red, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRL-P)	227.22	49.11
28 46 13 31-2373	EA	Red, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRV)	267.63	49.11
28 46 13 31-2374	EA	White, Amber Lens, Wall Mounted, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL-ALERT)	230.94	49.11
28 46 13 31-2375	EA	White, Clear Lens, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK-CLR-ALERT)	332.14	55.65
28 46 13 31-2376	EA	White, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL)	229.80	49.11
28 46 13 31-2377	EA	White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWH)	291.31	49.11
28 46 13 31-2378	EA	White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWH-P)	291.31	49.11
28 46 13 31-2379	EA	White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK)	343.58	55.65
28 46 13 31-2380	EA	White, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK-P)	326.99	55.65
28 46 13 31-2381	EA	White, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL-P)	226.08	49.11
28 46 13 31-2382	EA	White, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWV)	281.05	49.11
28 46 13 31-2383	EA	White, Plain, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWV-P)	281.05	49.11
28 46 13 31-2384	EA	L-Series, White, Clear Lens, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL-CLR-ALERT)	241.18	55.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2385		**Ceiling Mounted Speakers/Strobes** *(28 46 13 31-2202)*		
28 46 13 31-2386	EA	Red, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCRL)	214.35	49.11
28 46 13 31-2387	EA	Red, Selectable Candela (135, 150, 177, 185) Candela, High-Candela, Ceiling Mounted Speaker/Strobe (System Sensor SPSCRH)	280.30	49.11
28 46 13 31-2388	EA	Red, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115), Ceiling Mounted Speaker/Strobe (System Sensor SPSCRV)	267.63	49.11
28 46 13 31-2389	EA	White, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWL)	214.35	49.11
28 46 13 31-2390	EA	White, Clear Lens, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWL-CLR-ALERT)	228.65	49.11
28 46 13 31-2391	EA	White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWH)	291.31	49.11
28 46 13 31-2392	EA	White, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWHK)	345.30	55.65
28 46 13 31-2393	EA	White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWH-P)	291.31	49.11
28 46 13 31-2394	EA	White, Outdoor, Clear Lens, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWK-CLR-ALERT)	332.71	55.65
28 46 13 31-2395	EA	White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWK)	343.58	55.65
28 46 13 31-2396	EA	White, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWL-P)	214.35	49.11
28 46 13 31-2397	EA	White, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWV)	281.05	49.11
28 46 13 31-2398	EA	White, High-Candela/High dB, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWVH)	291.31	49.11
28 46 13 31-2399	EA	White, Plain, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWV-P)	281.05	49.11
28 46 13 31-2400	EA	High-Candela/High dB, Ceiling Mounted Speaker/Strobe (System Sensor SPSCRVH)	291.06	49.11
28 46 13 31-2401		**Electric Alarm Bells** *(28 46 13 31-2202)*		
28 46 13 31-2402	EA	6" Diameter, 24 Volt DC Alarm Bell (System Sensor SSM24-6)	176.88	49.11
28 46 13 31-2403	EA	8" Diameter, 24 Volt DC Alarm Bell (System Sensor SSM24-8)	190.90	49.11
28 46 13 31-2404	EA	10" Diameter, 24 Volt DC Alarm Bell (System Sensor SSM24-10)	206.34	49.11
28 46 13 31-2405	EA	6" 120 Volt AC Alarm Bell (System Sensor SSV120-6)	195.62	49.76
28 46 13 31-2406	EA	8" 120 Volt AC Alarm Bell (System Sensor SSV120-8)	197.87	49.76
28 46 13 31-2407	EA	10" 120 Volt AC Alarm Bell (System Sensor SSV120-10)	212.11	49.76
28 46 13 31-2408		**Device Bases** *(28 46 13 31-2202)*		
28 46 13 31-2409	EA	High Or Low Volume Output, Code 3 Or 4, Continuous, March Or Custom Tone, Intelligent, Addressable, Programmable Plug-In Sounder Base (System Sensor B200S)	136.00	16.37
28 46 13 31-2410	EA	Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base (System Sensor B200SR)	131.71	16.37
28 46 13 31-2411	EA	Intelligent Isolator Base (System Sensor B224BI)	108.54	16.37
28 46 13 31-2412	EA	Intelligent Relay Base (System Sensor B224RB)	109.68	16.37
28 46 13 31-2413	EA	Flangeless, Intelligent Detector Base (System Sensor B501)	68.44	16.37
28 46 13 31-2414	EA	High Or Low Volume Output, Code 3 Or 4, Continuous, March Or Custom Tone, Intelligent, Addressable, Programmable Plug-In Sounder Base, Ivory (System Sensor B200S-IV)	136.00	16.37
28 46 13 31-2415	EA	Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base, Ivory (System Sensor B200SR-IV)	131.71	16.37
28 46 13 31-2416	EA	Low-Frequency, Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base (System Sensor B200SR-LF)	196.35	16.37
28 46 13 31-2417	EA	Low-Frequency, Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base, Ivory (System Sensor B200SR-LF-IV)	196.35	16.37
28 46 13 31-2418	EA	Low-Frequency, Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base, White (System Sensor B200SR-LF-WH)	190.06	16.37
28 46 13 31-2419	EA	Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base, White (System Sensor B200SR-WH)	152.00	16.37
28 46 13 31-2420	EA	High Or Low Volume Output, Code 3 Or 4, Continuous, March Or Custom Tone, Intelligent, Addressable, Programmable Plug-In Sounder Base, White (System Sensor B200S-WH)	129.13	16.37
28 46 13 31-2421	EA	Intelligent Isolator Base, Ivory (System Sensor B224BI-IV)	108.54	16.37
28 46 13 31-2422	EA	Intelligent Isolator Base, White (System Sensor B224BI-WH)	101.68	16.37
28 46 13 31-2423	EA	Intelligent Relay Base, Ivory (System Sensor B224RB-IV)	109.68	16.37
28 46 13 31-2424	EA	Intelligent Relay Base, White (System Sensor B224RB-WH)	103.11	16.37
28 46 13 31-2425	EA	Flangeless, Intelligent Detector Base, Black (System Sensor B501-BL)	68.44	16.37
28 46 13 31-2426	EA	Flangeless, Intelligent Detector Base, Ivory (System Sensor B501-IV)	68.44	16.37
28 46 13 31-2427	EA	Flangeless, Intelligent Detector Base, White (System Sensor B501-WHITE)	61.00	16.37
28 46 13 31-2428	EA	Intelligent, Addressable, Programmable Low Frequency Plug-In Sounder Base (System Sensor B200S-LF)	199.79	16.37
28 46 13 31-2429	EA	Intelligent, Addressable, Programmable Low Frequency Plug-In Sounder Base, Ivory (System Sensor B200S-LF-IV)	199.79	16.37
28 46 13 31-2430	EA	Intelligent, Addressable, Programmable Low Frequency Plug-In Sounder Base, White (System Sensor B200S-LF-WH)	192.35	16.37
28 46 13 31-2431	EA	6" Intelligent Flanged Mounting Base (System Sensor B300-6)	54.19	16.37
28 46 13 31-2432	EA	6" Intelligent Flanged Mounting Base, Ivory (System Sensor B300-6-IV)	61.34	16.37
28 46 13 31-2433	EA	Two Wire, Flanged, 12/24 Volt DC, Low-Profile, Adapter Base (System Sensor B110LP)	60.93	16.37
28 46 13 31-2434	EA	Four Wire, Form A And C, 24 Volt DC Low-Profile, Adapter Base (System Sensor B112LP)	122.16	19.64
28 46 13 31-2435		**Boxes, Plates And Decals** *(28 46 13 31-2202)*		
28 46 13 31-2436	EA	120 Volt AC, Mounting Plate, For Spectralert Advance Devices (System Sensor MP120K)	61.57	16.37
28 46 13 31-2437	EA	Red, Wall Mounted, Metal, Weatherproof Back Box (System Sensor MWBB)	92.58	16.37

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28 46 13 31-2438	EA	White, Ceiling Mounted, Metal, Weatherproof Back Box (System Sensor MWBBCW)	100.82	16.37
28 46 13 31-2439	EA	White, Wall Mounted, Metal, Weatherproof Back Box (System Sensor MWBBW)	92.58	16.37
28 46 13 31-2440	EA	Red Retrofit Plate (System Sensor RFP)	42.75	9.82
28 46 13 31-2441	EA	White Retrofit Plate (System Sensor RFPW)	42.41	9.82
28 46 13 31-2442	EA	Red, Wall Mounted, Weatherproof Back Box (System Sensor SA-WBB)	78.28	16.37
28 46 13 31-2443	EA	Red, Ceiling Mounted, Weatherproof Back Box (System Sensor SA-WBBC)	88.12	16.37
28 46 13 31-2444	EA	Red, Ceiling Mounted, Surface Mounted, Back Box (System Sensor SBBCRL)	62.26	16.37
28 46 13 31-2445	EA	White, Ceiling Mounted, Surface Mounted, Back Box (System Sensor SBBCWL)	62.26	16.37
28 46 13 31-2446	EA	Red, Wall Mounted, Surface Mounted, Back Box (System Sensor SBBRL)	53.91	16.37
28 46 13 31-2447	EA	Red, Wall Mounted, Surface Mounted, Back Box For Speaker (System Sensor SBBSPRL)	60.20	16.37
28 46 13 31-2448	EA	White, Wall Mounted, Surface Mounted, Back Box For Speaker (System Sensor SBBSPWL)	60.20	16.37
28 46 13 31-2449	EA	White, Wall Mounted, Surface Mounted, Back Box (System Sensor SBBWL)	53.91	16.37
28 46 13 31-2450	EA	Surface Mounted Box For Intelligent Control Or Monitor Modules (System Sensor SMB500)	60.08	16.37
28 46 13 31-2451	EA	Surface Mounted Box For 400 And 500 Series Detectors And Sounder Bases (System Sensor SMB600)	54.19	16.37
28 46 13 31-2452	EA	Red, Wall Mounted Horn/Strobe Trim Ring (System Sensor TR-HS)	19.64	6.54
28 46 13 31-2453	EA	Red Decals, Two Pack, Spectralert Advance Wall Products (System Sensor DECAL-R)	29.06	
28 46 13 31-2454	EA	Red Decals, Three Pack, Spectralert Advance Ceiling Products (System Sensor DECAL-RC)	40.40	
28 46 13 31-2455	EA	White Decals, Two Pack, Spectralert Advance Wall Products (System Sensor DECAL-W)	29.06	
28 46 13 31-2456	EA	White Decals, Three Pack, Spectralert Advance Wall Products (System Sensor DECAL-WC)	40.40	
28 46 13 31-2457	EA	Red, Wall Mounted, L-Series Trim Ring, Pack Of 5 (System Sensor TR-2)	21.73	6.54
28 46 13 31-2458	EA	White, Wall Mounted, L-Series Trim Ring, Pack Of 5 (System Sensor TR-2W)	21.73	6.54
28 46 13 31-2459	EA	Red, Ceiling Mounted, L-Series Trim Ring, Pack Of 5 (System Sensor TRC-2)	21.73	6.54
28 46 13 31-2460	EA	White, Ceiling Mounted, L-Series Trim Ring, Pack Of 5 (System Sensor TRC-2W)	21.73	6.54
28 46 13 31-2461	EA	Red, Wall/Surface Mounted, L-Series Compact Back Box (System Sensor SBBGRL)	53.91	16.37
28 46 13 31-2462	EA	White, Wall/Surface Mounted, L-Series Compact Back Box (System Sensor SBBGWL)	53.91	16.37
28 46 13 31-2463	EA	Red, AGENT Lettering, Compact, L-Series Wall Mounted Bezel (System Sensor BZGR-AG)	26.26	6.54
28 46 13 31-2464	EA	Red, ALERT Lettering, Compact, L-Series Wall Mounted Bezel (System Sensor BZGR-AL)	26.26	6.54
28 46 13 31-2465	EA	Red, EVAC Lettering, Compact, L-Series Wall Mounted Bezel (System Sensor BZGR-EV)	26.26	6.54
28 46 13 31-2466	EA	Red, FIRE Lettering, Compact, L-Series Wall Mounted Bezel (System Sensor BZGR-F)	26.26	6.54
28 46 13 31-2467	EA	White, AGENT Lettering, L-Series Wall Mounted Bezel (System Sensor BZGW-AG)	26.26	6.54
28 46 13 31-2468	EA	White, ALERT Lettering, L-Series Wall Mounted Bezel (System Sensor BZGW-AL)	26.26	6.54
28 46 13 31-2469	EA	White, EVAC Marking, L-Series Wall Mounted Bezel (System Sensor BZGW-EV)	26.26	6.54
28 46 13 31-2470	EA	White, FIRE Marking, L-Series Wall Mounted Bezel (System Sensor BZGW-F)	26.26	6.54
28 46 13 31-2471	EA	Red, Plain, L-Series Wall Mounted Bezel (System Sensor BZGR-P)	26.26	6.54
28 46 13 31-2472	EA	White, Plain, L-Series Wall Mounted Bezel (System Sensor BZGW-P)	26.26	6.54
28 46 13 31-2473	EA	Red, AGENT Marking, L-Series Wall Mounted Bezel (System Sensor BZR-AG)	26.26	6.54
28 46 13 31-2474	EA	Red, ALERT Marking, L-Series Wall Mounted Bezel (System Sensor BZR-AL)	26.26	6.54
28 46 13 31-2475	EA	Red, AGENT Marking, L-Series Ceiling Mounted Bezel (System Sensor BZRC-AG)	28.66	6.54
28 46 13 31-2476	EA	Red, ALERT Marking, L-Series Ceiling Mounted Bezel (System Sensor BZRC-AL)	28.66	6.54
28 46 13 31-2477	EA	Red, EVAC Marking, L-Series Ceiling Mounted Bezel (System Sensor BZRC-EV)	28.66	6.54
28 46 13 31-2478	EA	Red, FIRE Marking, L-Series Ceiling Mounted Bezel, Pack Of 5 (System Sensor BZRC-F)	28.66	6.54
28 46 13 31-2479	EA	Red, PLAIN Marking, L-Series Ceiling Mounted Bezel (System Sensor BZRC-P)	28.66	6.54
28 46 13 31-2480	EA	Red, EVAC Marking, L-Series Wall Mounted Bezel (System Sensor BZR-EV)	26.26	6.54
28 46 13 31-2481	EA	Red, FIRE Marking, L-Series Wall Mounted Bezel (System Sensor BZR-F)	26.26	6.54
28 46 13 31-2482	EA	Red, PLAIN Marking, L-Series Wall Mounted Bezel (System Sensor BZR-P)	26.26	6.54
28 46 13 31-2483	EA	Red, AGENT Marking, L-Series Wall Mounted Bezel (System Sensor BZR-AG)	26.26	6.54
28 46 13 31-2484	EA	White, AGENT Marking, L-Series Wall Mounted Bezel (System Sensor BZSPW-AG)	26.26	6.54
28 46 13 31-2485	EA	White, ALERT Marking, L-Series Wall Mounted Bezel (System Sensor BZSPW-AL)	26.26	6.54
28 46 13 31-2486	EA	White, AGENT Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-AG)	28.66	6.54
28 46 13 31-2487	EA	White, ALERT Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-AL)	28.66	6.54
28 46 13 31-2488	EA	White, EVAC Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-EV)	28.66	6.54
28 46 13 31-2489	EA	White, FIRE Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-F)	28.66	6.54
28 46 13 31-2490	EA	White, PLAIN Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-P)	28.66	6.54
28 46 13 31-2491	EA	White, EVAC Marking, L-Series Wall Mounted Bezel (System Sensor BZSPW-EV)	26.26	6.54
28 46 13 31-2492	EA	White, FIRE Marking, L-Series Wall Mounted Bezel (System Sensor BZSPW-F)	26.26	6.54
28 46 13 31-2493	EA	Replacement Dust Cover For Low Profile Detectors (System Sensor C58-227-01)	5.09	
28 46 13 31-2494	EA	Control Module Barrier (System Sensor CB500)	39.32	9.82
28 46 13 31-2495	EA	White Detector Conversion Kit For SSD Intelligent Low Profile Photo, Ion, And Laser Detectors (System Sensor CK300)	36.23	9.82
28 46 13 31-2496	EA	Black Detector Conversion Kit For SSD Intelligent Low Profile Photo, Ion, And Laser Detectors (System Sensor CK300-BL)	43.61	9.82
28 46 13 31-2497	EA	PTIR Color Kit, White (System Sensor CK-300-IR) Note: Includes cover and trim ring	161.51	9.82
28 46 13 31-2498	EA	PTIR Color Kit, Black (System Sensor CK-300-IR-BL) Note: Includes cover and trim ring	234.17	9.82
28 46 13 31-2499	EA	PTIR Color Kit, Ivory (System Sensor CK-300-IR-IV) Note: Includes cover and trim ring	234.17	9.82
28 46 13 31-2500	EA	Accessory Flange Ring For B210LP Base (System Sensor F210) Note: Includes cover and trim ring	29.77	9.82
28 46 13 31-2501	EA	Black Faceplate (System Sensor FP-BLACK-BP)	28.94	9.82
28 46 13 31-2502	EA	White Faceplate, 2 In/2 Out (System Sensor FP-WHITE-2-BP)	29.37	9.82
28 46 13 31-2503	EA	White Faceplate (System Sensor FP-WHITE-BP)	27.96	9.82
28 46 13 31-2504	EA	White, Back Box (System Sensor SMB500-WH)	51.22	16.37
28 46 13 31-2505	EA	Accessory Flange Ring For B210LP Base, White (System Sensor TR300)	20.25	6.54
28 46 13 31-2506	EA	Accessory Flange Ring For B210LP Base, Ivory (System Sensor TR300-IV)	28.60	6.54
28 46 13 31-2507	EA	White Faceplate Swift (System Sensor FP-WHITE-SWIFT-BP)	30.71	9.82
28 46 13 31-2508	EA	Red, ALERT Marking, L-Series Wall Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPR-AL)	26.26	6.54
28 46 13 31-2509	EA	Red, AGENT Marking, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-AG)	28.66	6.54
28 46 13 31-2510	EA	Red, ALERT Marking, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-AL)	28.66	6.54

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28 46 13 31-2511	EA	Red, EVAC Marking, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-EV)	28.66	6.54
28 46 13 31-2512	EA	Red, FIRE Marking, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-F)	28.66	6.54
28 46 13 31-2513	EA	Red, Plain, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-P)	28.66	6.54
28 46 13 31-2514	EA	Red, EVAC Marking, L-Series Wall Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPR-EV)	26.26	6.54
28 46 13 31-2515	EA	Red, FIRE Marking, L-Series Wall Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPR-F)	26.26	6.54
28 46 13 31-2516	EA	Red, Plain, L-Series Wall Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPR-P)	26.26	6.54
28 46 13 31-2517	EA	L Series, 120 VAC Adapter Mounting Plate (System Sensor MP120KL)	78.73	16.37
28 46 13 31-2518	EA	White, Amber Lens, Universal Expander Plate (System Sensor SEP-SPSWL-P)	154.31	16.37
28 46 13 31-2519		**Chimes** *(28 46 13 31-2202)*		
28 46 13 31-2520	EA	Red, 12/24 Volt DC, Ceiling Or Wall Mounted Chime (System Sensor CHRL)	193.65	49.11
28 46 13 31-2521	EA	White, 12/24 Volt DC, Ceiling Or Wall Mounted Chime (System Sensor CHWL)	170.87	49.11
28 46 13 31-2522		**Chime/Strobes** *(28 46 13 31-2202)*		
28 46 13 31-2523	EA	Red, 15, 15/75, 30, 75 , 110 Multi-Candela, 24 Volt DC, Ceiling Or Wall Mounted Chime/Strobe (System Sensor CHSRL)	246.96	49.11
28 46 13 31-2524	EA	White, 15, 15/75, 30, 75 , 110 Multi-Candela, 24 Volt DC, Ceiling Or Wall Mounted Chime/Strobe (System Sensor CHSWL)	246.96	49.11
28 46 13 31-2525	EA	L-Series, Red, 15, 30, 75, 95, 115, 150, 177 Multi-Candela, 24 Volt DC, Ceiling Mounted Chime/Strobe (System Sensor CHSCRL)	248.68	49.11
28 46 13 31-2526	EA	L-Series, White, 15, 30, 75, 95, 115, 150, 177 Multi-Candela, 24 Volt DC, Ceiling Mounted Chime/Strobe (System Sensor CHSCWL)	248.68	49.11
28 46 13 31-2527		**Carbon Monoxide Detectors** *(28 46 13 31-2202)*		
28 46 13 31-2528	EA	Conventional Carbon Monoxide Detector (System Sensor CO1224)	331.24	65.48
28 46 13 31-2529	EA	Round, Sounder And Trouble Relay With Test Function, 12/24 Volt DC, Conventional Carbon Monoxide Detector (System Sensor CO1224TR)	244.67	49.11
28 46 13 31-2530	EA	CO Detector Plate For Replacing Round CO Detectors With The CO1224T (System Sensor CO-PLATE)	20.01	6.54
28 46 13 31-2531	EA	Intelliquad Plus Intelligent Addressable Combination Multi-Criteria Fire And Carbon Monoxide Detector With Flashscan (System Sensor FCO-951)	364.81	49.11
28 46 13 31-2532	EA	12/24 VDC, Conventional Carbon Monoxide Detector With Sounder And Trouble Relay With Test Function, UL2075 Listed (System Sensor CO1224T)	277.41	65.48
28 46 13 31-2533	EA	Intelliquad Plus Intelligent Addressable Combination Multi-Criteria Fire And Carbon Monoxide Detector With Flashscan, Ivory (System Sensor FCO-951-IV)	377.39	49.11
28 46 13 31-2534		**Switches** *(28 46 13 31-2202)*		
28 46 13 31-2535	EA	SPDT Switch, 4 - 20 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS10-1)	221.72	26.19
28 46 13 31-2536	EA	Two SPDT Switches, 4 - 20 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS10-2)	247.47	26.19
28 46 13 31-2537	EA	SPDT Switch, 10 - 100 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS40-1)	221.72	26.19
28 46 13 31-2538	EA	Two SPDT Switches, 10 - 100 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS40-2)	247.47	26.19
28 46 13 31-2539	EA	Outside Screw And Yoke Valve, Two SPDT, Supervisory Switch (System Sensor OSY2)	230.88	26.19
28 46 13 31-2540	EA	Post Indicator Butterfly Valve, SPDT, Supervisory Switch (System Sensor PIBV2)	216.00	26.19
28 46 13 31-2541		**Low Frequency Sounders** *(28 46 13 31-2202)*		
28 46 13 31-2542	EA	Red, Low Frequency Sounder (System Sensor HR-LF)	231.50	49.11
28 46 13 31-2543	EA	White, Low Frequency Sounder (System Sensor HW-LF)	231.50	49.11
28 46 13 31-2544	EA	Red, Ceiling Mounted, Low-frequency Compact Sounder (System Sensor HCRL-LF)	202.62	49.11
28 46 13 31-2545	EA	White, Ceiling Mounted, Low-frequency Compact Sounder (System Sensor HCWL-LF)	202.62	49.11
28 46 13 31-2546	EA	Red, Wall Mounted, Low-frequency Compact Sounder (System Sensor HGRL-LF)	201.19	49.11
28 46 13 31-2547	EA	White, Wall Mounted, Low-frequency Compact Sounder (HGWL-LF)	201.19	49.11
28 46 13 31-2548		**Sync Modules** *(28 46 13 31-2202)*		
28 46 13 31-2549	EA	Red, 12/24 Volt DC, Sync Module (System Sensor MDL3R)	177.03	32.74
28 46 13 31-2550	EA	White, 12/24 Volt DC, Sync Module (System Sensor MDL3W)	174.17	32.74
28 46 13 31-2551		**Relays** *(28 46 13 31-2202)*		
28 46 13 31-2552	EA	Metal Enclosure, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-10E)	100.67	26.19
28 46 13 31-2553	EA	SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-10T)	64.89	16.37
28 46 13 31-2554	EA	4-Gang Relay, Metal Enclosure, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-14E)	187.20	16.37
28 46 13 31-2555	EA	4-Gang Relay, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-14T)	138.00	16.37
28 46 13 31-2556	EA	Metal Enclosure, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-20E)	108.34	26.19
28 46 13 31-2557	EA	DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-20T)	66.95	16.37
28 46 13 31-2558	EA	4-Gang Relay, Metal Enclosure, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-24E)	210.66	16.37
28 46 13 31-2559	EA	4-Gang Relay, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-24T)	157.74	16.37
28 46 13 31-2560	EA	18 To 35 Volt DC, 18 To 35 Volt AC, 120 Volt AC, SPDT Multivoltage Relay (System Sensor PR-1)	56.54	16.37
28 46 13 31-2561	EA	10 To 40 Volt DC, SPDT Multivoltage Relay (System Sensor PR-2)	56.54	16.37
28 46 13 31-2562	EA	Redundant Power Input, 10 To 40 Volt DC, SPDT Multivoltage Relay (System Sensor PR-3)	56.54	16.37

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28 46 13 31-2563		**Remote Annunciator** *(28 46 13 31-2202)*		
28 46 13 31-2564	EA	Remote Annunciator (System Sensor RA100Z)	134.26	49.11
28 46 13 31-2565	EA	Remote LED Annunciator (System Sensor RA100ZA)	131.35	49.11
28 46 13 31-2566	EA	Remote Annunciator With Piezo Alarm (System Sensor APA151)	163.75	49.11
28 46 13 31-2567		**Remote Test Station** *(28 46 13 31-2202)*		
28 46 13 31-2568	EA	Remote Test Station With Key (System Sensor RTS151KEY)	208.63	49.11
28 46 13 31-2569		**Fire Alarm Digital Cellular Communicator** *(28 46 13 31)*		
28 46 13 31-2570	EA	Digital Cellular Communicator With Antenna And Red Enclosure (Telular Telguard TG-7FS)	801.28	65.48
28 46 13 31-2571		**Wheelock Fire Alarm** *(28 46 13 31)*		
28 46 13 31-2572		**Ceiling Mounted Chimes/Strobes** *(28 46 13 31-2571)*		
28 46 13 31-2573	EA	White, Round, Selectable Candela (15, 30, 75, 100 Candela), 24 Volt DC, Ceiling Mounted Chime/Strobe (Wheelock CH90-24MCC-FW)	272.80	49.11
28 46 13 31-2574		**Wall Mounted Chimes/Strobes** *(28 46 13 31-2571)*		
28 46 13 31-2575	EA	Red, Selectable Candela (15, 30, 75, 110 Candela), 24 Volt DC, Wall Mounted Chime/Strobe (Wheelock CH70-24MCW-FR)	272.80	49.11
28 46 13 31-2576	EA	White, Selectable Candela (15, 30, 75, 110 Candela), 24 Volt DC, Wall Mounted Chime/Strobe (Wheelock CH70-24MCW-FW)	272.80	49.11
28 46 13 31-2577		**Ceiling Mounted Horns/Strobes** *(28 46 13 31-2571)*		
28 46 13 31-2578	EA	Red, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Horn/Strobe (Wheelock HSRC)	178.49	49.11
28 46 13 31-2579	EA	White, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Horn/Strobe (Wheelock HSWC)	202.91	49.11
28 46 13 31-2580		**Wall Mounted Horns/Strobes** *(28 46 13 31-2571)*		
28 46 13 31-2581	EA	Red, Weatherproof, 24 Volt DC, 75 Candela, Wall Mounted, Horn/Strobe (Wheelock ASWP-2475W-FR)	182.22	49.11
28 46 13 31-2582	EA	Red, 24 Volt DC, 15/75 Candela, Continuous Or Code 3 Tone, Wall Mounted Horn/Strobe (Wheelock HS4-241575 Watt-FR)	293.01	49.11
28 46 13 31-2583	EA	Red, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FR)	242.96	49.11
28 46 13 31-2584	EA	White, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FW)	242.96	49.11
28 46 13 31-2585	EA	Red, Flush, 24 Volt AC, 15/75 Candela, Sync/Non-Sync, Wall Mounted Horn/Strobe (Wheelock MT-241575 Watt-FR)	277.64	49.11
28 46 13 31-2586	EA	Red, 24 Volt AC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock MT-24MCW-FR)	203.50	49.11
28 46 13 31-2587	EA	Red, 115 Volt AC, Wall Mounted Horn/Strobe (Wheelock MT4-115-WH-VFR)	201.30	49.11
28 46 13 31-2588	EA	Red, Weatherproof, 24 Volt DC, 75 Candela, Wall Mounted Horn/Strobe (Wheelock MTWP-2475W-FR)	222.30	55.65
28 46 13 31-2589	EA	Red, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock HSR)	181.35	49.11
28 46 13 31-2590	EA	White, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock HSW)	181.35	49.11
28 46 13 31-2591	EA	White, 24 Volt AC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock MT-24MCW-FW)	200.43	49.11
28 46 13 31-2592	EA	Red, 24 Volt DC, 15/30/75/110 Selectable Candela, Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FR)	242.96	49.11
28 46 13 31-2593	EA	White, 24 Volt DC, 15/30/75/110 Selectable Candela, Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FW)	242.96	49.11
28 46 13 31-2594		**Ceiling Mounted Strobes** *(28 46 13 31-2571)*		
28 46 13 31-2595	EA	Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe (Wheelock RSS-24MCC-FR)	170.60	49.11
28 46 13 31-2596	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe (Wheelock RSS-24MCC-FW)	170.60	49.11
28 46 13 31-2597	EA	Red, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Strobe (Wheelock STRC)	184.03	49.11
28 46 13 31-2598	EA	White, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Strobe (Wheelock STWC)	164.02	49.11
28 46 13 31-2599	EA	White, 24 Volt DC, Amber Lens, Multi- Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe, No Lettering (Wheelock RSSA-24MCC-NW)	182.00	49.11
28 46 13 31-2600	EA	White, 24 Volt DC, Amber Lens, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe, Red ALERT Lettering (Wheelock RSSA-24MCC-ALW)	183.54	49.11
28 46 13 31-2601	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe With Fire Lettering (Wheelock RSS-24MCCH-FW)	184.20	49.11
28 46 13 31-2602	EA	Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Weatherproof Strobe With Fire Lettering (Wheelock RSSWP-2475C-FR)	192.90	49.11
28 46 13 31-2603		**Wall Mounted Strobes** *(28 46 13 31-2571)*		
28 46 13 31-2604	EA	Red, Multi-Candela, 24 Volt DC, Wall Mounted Strobe (Wheelock AMT-24MCW-FR)	256.57	49.11
28 46 13 31-2605	EA	Red, Retrofit Plate, 12 Volt DC, 15/75 Candela, Wall Mounted Strobe (Wheelock RSSP-121575W-FR)	207.01	49.11
28 46 13 31-2606	EA	Red, 24 Volt DC, 15/75 Candela, Wall Mounted Strobe (Wheelock RSS-241575W-FR)	233.21	49.11
28 46 13 31-2607	EA	Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSS-24MCW-FR)	168.84	49.11
28 46 13 31-2608	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSS-24MCW-FW)	168.84	49.11
28 46 13 31-2609	EA	Red, Retrofit Plate, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSSP-24MCW-FR)	180.25	49.11
28 46 13 31-2610	EA	Outdoor, Red, 24 Volt DC, 75 Candela, Wall Mounted Strobe (Wheelock RSSWP-2475W-FR) Note: Requires WPSBB-R.	188.52	55.65
28 46 13 31-2611	EA	Red, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Strobe (Wheelock STR)	165.11	49.11
28 46 13 31-2612	EA	White, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Strobe (Wheelock STW)	165.11	49.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2613	EA	Interior, White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Strobe, No Lettering (Wheelock RSS-24MCWH-NW)	195.60	49.11
28 46 13 31-2614	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 110 Candela), Wall Mounted Strobe, No Lettering (Wheelock RSS-24MCW-NW)	170.82	49.11
28 46 13 31-2615	EA	Weatherproof, White, 24 Volt DC, 75 Candela, Wall Mounted Strobe (Wheelock RSSWP-2475W-FW) Note: Requires WPSBB-R.	209.72	55.65
28 46 13 31-2616	EA	Interior, White, 24 Volt DC, Multi-Candela 135/185, Weatherproof Wall Mounted Strobe (Wheelock RSSWP-24MCWH-FW)	206.63	49.11
28 46 13 31-2617		**Ceiling Mounted Speakers/Strobes** *(28 46 13 31-2571)*		
28 46 13 31-2618	EA	Red, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E60-24MCC-FR)	207.01	49.11
28 46 13 31-2619	EA	White, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E60-24MCC-FW)	207.01	49.11
28 46 13 31-2620	EA	White, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E70-24MCC-FW)	207.01	49.11
28 46 13 31-2621	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCC-FW)	209.20	49.11
28 46 13 31-2622	EA	White, 24 Volt DC, Multi-Candela 115/177, Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCCH-FW)	221.48	49.11
28 46 13 31-2623	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Speaker/Strobe (Wheelock ET90-24MCC-FW)	238.59	49.11
28 46 13 31-2624	EA	Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Speaker/Strobe (Wheelock ET90-24MCC-FR)	238.59	49.11
28 46 13 31-2625	EA	Red, 24 Volt DC, Multi-Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCC-FR)	210.95	49.11
28 46 13 31-2626	EA	White, 2 Watts, 24 Volt DC, 15/30/75/95 Candela, Square, No Lettering, Ceiling Mounted Speaker/Strobe (Wheelock E70-24MCC-NW)	231.51	49.11
28 46 13 31-2627	EA	Round, 2 Watt, 24 Volt DC, 15/30/75/95CD, No Lettering, Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCC-NW)	245.24	49.11
28 46 13 31-2628	EA	White, 8 Watts, 24 Volt DC, 75 Candela, Weatherproof, Ceiling Mounted, Speaker/Strobe (Wheelock ET70WP-2475C-FW)	258.97	49.11
28 46 13 31-2629		**Wall Mounted Speakers/Strobes** *(28 46 13 31-2571)*		
28 46 13 31-2630	EA	Red, Square, 24 Volt DC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E50-241575 Watt-FR)	322.06	49.11
28 46 13 31-2631	EA	White, Square, 24 Volt DC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E50-241575 Watt-FW)	322.06	49.11
28 46 13 31-2632	EA	Red, 24 Volt DC, Multi-Candela 115/177, Wall Mounted Speaker/Strobe (Wheelock E60-24MCCH-FR)	221.48	49.11
28 46 13 31-2633	EA	White, 24 Volt DC, Multi-Candela 115/177, Wall Mounted Speaker/Strobe (Wheelock E60-24MCCH-FW)	221.48	49.11
28 46 13 31-2634	EA	Red, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E50-24MCW-FR)	207.01	49.11
28 46 13 31-2635	EA	White, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E50-24MCW-FW)	203.50	49.11
28 46 13 31-2636	EA	Red, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E50-24MCWH-FR)	221.48	49.11
28 46 13 31-2637	EA	White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E50-24MCWH-FW)	221.48	49.11
28 46 13 31-2638	EA	Red, Square, 24 Volt DC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E70-241575 Watt-FR)	318.64	49.11
28 46 13 31-2639	EA	Red, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E70-24MCW-FR)	209.20	49.11
28 46 13 31-2640	EA	White, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E70-24MCW-FW)	207.45	49.11
28 46 13 31-2641	EA	Red, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FR)	310.96	49.11
28 46 13 31-2642	EA	White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FW)	318.64	49.11
28 46 13 31-2643	EA	Red, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock ET70-24MCW-FR)	238.59	49.11
28 46 13 31-2644	EA	White, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock ET70-24MCW-FW)	238.59	49.11
28 46 13 31-2645	EA	Weatherproof, Red, 24 Volt DC, 75 Candela, Wall Mounted Speaker Strobe/(Wheelock ET70WP-2475 W-FR) Note: Requires weatherproof backbox (IOB).	346.27	55.65
28 46 13 31-2646	EA	Interior, Red, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock RSS-24MCWH-FR)	190.78	49.11
28 46 13 31-2647	EA	Interior, White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock RSS-24MCWH-FW)	184.20	49.11
28 46 13 31-2648	EA	White, 2 Watts, 24 Volt DC, 15/30/75/95 Candela, Round, Wall Mounted Speaker/Strobe (Wheelock E60-24MCW-FW)	245.24	49.11
28 46 13 31-2649	EA	Red, 24 Volt DC, 135/185 Multi-Candela, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FR)	258.97	49.11
28 46 13 31-2650	EA	White, 24 Volt DC, 135/185 Multi-Candela, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FW)	264.12	49.11
28 46 13 31-2651	EA	White, 8 Watt, 24 VDC, 15/30/75/110 Candela, No Lettering, Wall Mounted, Speaker/Strobe (Wheelock ET70-24MCW-NW)	272.70	49.11
28 46 13 31-2652	EA	Red, 8 Watts, Weatherproof, 185 Candela, Wall Mounted, Speaker/Strobe (Wheelock ET70WP-24185W-FR)	279.00	49.11
28 46 13 31-2653	EA	Red, 24 Volt DC, 75 Candela, Weatherproof, Wall Mounted, Speaker/Strobe (Wheelock ET70WP-2475W-FR) Note: Requires IOB	274.99	49.11
28 46 13 31-2654	EA	White, 8 Watts, 24 Volt DC, 75 Candela, Weatherproof, Wall Mounted, Speaker/Strobe (Wheelock ET70WP-2475W-FW) Note: Requires IOB	272.70	49.11
28 46 13 31-2655		**Electric Alarm Bells** *(28 46 13 31-2571)*		
28 46 13 31-2656	EA	6" Diameter, 24 Volt DC, Red, Vibrating Bell (Wheelock 43T-G6-24-R)	201.74	49.11
28 46 13 31-2657	EA	6" Diameter, 115 Volt AC, Red, Vibrating Bell (Wheelock 43T-G6-115-R)	194.72	49.11
28 46 13 31-2658	EA	10" Diameter, 115 Volt AC, Red, Vibrating Bell (Wheelock 43T-G10-115-R)	241.66	49.11
28 46 13 31-2659	EA	10" Diameter, 115 Volt AC, Single Stroke, Red, Explosion Proof Bell (Wheelock CSX10-115-R)	1,862.43	55.65
28 46 13 31-2660	EA	10" Diameter, Outdoor, 115 Volt AC, Single Stroke, Red, Explosion Proof Bell (Wheelock CSXG10-115-R)	3,006.44	55.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2661	EA	10" Diameter, Vibrating, Outdoor, 115 Volt AC, Single Stroke, Red, Explosion Proof Bell (Wheelock CVXG10-115-R)	3,486.04	55.65
28 46 13 31-2662	EA	6", ADA, 24 Volt DC, Red, Motor Bell (Wheelock MB-G6-24-R)	162.04	49.11
28 46 13 31-2663	EA	10", ADA, 24 Volt DC, Red, Motor Bell (Wheelock MB-G10-24-R)	217.21	49.11
28 46 13 31-2664	EA	6", ADA, 12 Volt DC, Red, Motor Bell (Wheelock MB-G6-12-R)	164.68	49.11
28 46 13 31-2665	EA	10", ADA, 12 Volt DC, Red, Indoor/Outdoor Motor Bell (Wheelock MB-G10-12-R)	215.21	49.11
28 46 13 31-2666		**Horns** *(28 46 13 31-2571)*		
28 46 13 31-2667	EA	Two Wire, 24 Volt DC, Indoor Or Outdoor, Continuous Or Code 3, Sync Or Non-Sync Horn (Wheelock AH-24WP-R)	166.57	49.11
28 46 13 31-2668	EA	Red, Two Wire, 12/24 Volt DC, Wall Mounted Horn (Wheelock HNR)	137.35	49.11
28 46 13 31-2669	EA	White, Two Wire, 12/24 Volt DC, Wall Mounted Horn (Wheelock HNW)	137.35	49.11
28 46 13 31-2670	EA	Red, Two Wire, 12/24 Volt DC, Ceiling Mounted Horn (Wheelock HNRC)	138.31	49.11
28 46 13 31-2671	EA	White, Two Wire, 12/24 Volt DC, Ceiling Mounted Horn (Wheelock HNWC)	138.31	49.11
28 46 13 31-2672	EA	Red, 24 Volt DC, Sync With Built-In Temporal, Mini-Horn (Wheelock MIZ-24S-R)	122.08	49.11
28 46 13 31-2673	EA	White, 24 Volt DC, Sync With Built-In Temporal, Mini-Horn (Wheelock MIZ-24S-W)	122.08	49.11
28 46 13 31-2674	EA	Red, Flush, 12/24 Volt AC, Horn (Wheelock MT-12/24-R)	138.31	49.11
28 46 13 31-2675	EA	Red, 24 Volt DC, Four Wire, Wall Mounted Horn (Wheelock HS-24-R)	163.44	49.11
28 46 13 31-2676		**Speakers** *(28 46 13 31-2571)*		
28 46 13 31-2677	EA	Red, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Mounted Speaker (Wheelock E50-R)	141.12	49.11
28 46 13 31-2678	EA	White, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Mounted Speaker (Wheelock E50-W)	141.12	49.11
28 46 13 31-2679	EA	Red, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Ceiling Mounted Speaker (Wheelock E60-R)	141.12	49.11
28 46 13 31-2680	EA	White, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Ceiling Mounted Speaker (Wheelock E60-W)	139.19	49.11
28 46 13 31-2681	EA	Red, Flush, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E70-R)	141.12	49.11
28 46 13 31-2682	EA	White, Flush, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E70-W)	141.12	49.11
28 46 13 31-2683	EA	Red, Round, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E90-R)	141.12	49.11
28 46 13 31-2684	EA	White, Round, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E90-W)	141.12	49.11
28 46 13 31-2685	EA	Red, Flush Or Surface, Square, 1/8 - 8 Watt, Wall Mounted Speaker (Wheelock ET70-R)	162.26	49.11
28 46 13 31-2686	EA	White, Flush Or Surface, Square, 1/8 - 8 Watt, Wall Mounted Speaker (Wheelock ET70-W)	162.26	49.11
28 46 13 31-2687	EA	White, Round, 25 Or 70.7 VRMS, 1/8 - 8 Watt Ceiling Mounted Speaker (Wheelock ET90-W)	164.02	49.11
28 46 13 31-2688	EA	Red, Surface Mounted, Vandal Resistant, Square, 1/8 - 8 Watt, Wall Or Ceiling Mounted Speaker (Wheelock ET-1010-R)	216.64	49.11
28 46 13 31-2689	EA	Red, Flush Mounted, Vandal Resistant, Square, 1/8 - 8 Watt, Wall Or Ceiling Mounted Speaker (Wheelock ET-1080-R)	196.62	49.11
28 46 13 31-2690	EA	Grey, 1 To 15 Watt, 25/70/100 Volt Transformer, Loud Speaker (Wheelock STH-15S)	300.00	49.11
28 46 13 31-2691	EA	Red, 1 To 15 Watt, 25/70/100 Volt Transformer, Loud Speaker (Wheelock STH-15SR)	300.00	49.11
28 46 13 31-2692	EA	Red, 1/8 To 8 Watts, Square, Surface Mounted, Vandal Resistant Speaker (Wheelock ET-1010-R)	216.64	49.11
28 46 13 31-2693	EA	White, 8 Watts, Wall/Ceiling Mounted, Vandal Resistant Speaker (Wheelock ET-1010-W)	218.93	49.11
28 46 13 31-2694	EA	Red, 1/8 To 8 Watts, Square, Flush Mounted, Vandal Resistant Speaker (Wheelock ET-1080-R)	196.62	49.11
28 46 13 31-2695	EA	White, 8", 25/70 Volt, 15/30/75/95 Candela, Round, Ceiling Mounted, Speaker (Wheelock S8-24MCC-FW)	287.58	49.11
28 46 13 31-2696	EA	White, 8", 25/70 Volt, Round, Ceiling Mounted, Speaker (Wheelock S8-70/25)	210.35	49.11
28 46 13 31-2697		**Sync Modules** *(28 46 13 31-2571)*		
28 46 13 31-2698	EA	12 Or 24 Volt DC, Single Circuit Class B, Sync Module (Wheelock SM-12/24-R)	198.76	32.74
28 46 13 31-2699		**Boxes, Plates And Rings** *(28 46 13 31-2571)*		
28 46 13 31-2700	EA	4" Square, Red, Surface Back Box (Wheelock BB-R)	42.35	16.37
28 46 13 31-2701	EA	Standard 4" Square Box (Wheelock BB-STD)	41.66	16.37
28 46 13 31-2702	EA	Black, Back Box For UZC-256 (Wheelock BB-UZC)	250.26	32.74
28 46 13 31-2703	EA	Red, Back Box For UZC-256 (Wheelock BB-UZC-R)	250.26	32.74
28 46 13 31-2704	EA	9" x 12" x 2.75", For Two XP Boards, Surface Mounted Cabinet (Wheelock BB-XP)	193.12	26.19
28 46 13 31-2705	EA	Red, Extender Ring For E60 Series (Wheelock E60EXT-R)	21.70	6.54
28 46 13 31-2706	EA	White, Extender Ring For E60 Series (Wheelock E60EXT-W)	21.70	6.54
28 46 13 31-2707	EA	Red, Surface Mounted Back Box For E50 Speakers (Wheelock E50SB-R)	52.74	16.37
28 46 13 31-2708	EA	White, Surface Mounted Back Box For E50 Speakers (Wheelock E50SB-W)	49.94	16.37
28 46 13 31-2709	EA	Red, Surface Mounted Back Box For E50 Speaker Strobe (Wheelock E50SSB-R)	52.74	16.37
28 46 13 31-2710	EA	White, Surface Mounted Back Box For E50 Speaker Strobe (Wheelock E50SSB-W)	52.74	16.37
28 46 13 31-2711	EA	4" Square Back Box (Wheelock DBB-R)	44.14	16.37
28 46 13 31-2712	EA	Red, Surface Back Box (Wheelock IOB-R)	50.90	16.37
28 46 13 31-2713	EA	White, Surface, Back Box (Wheelock IOB-W)	50.90	16.37
28 46 13 31-2714	EA	White, Indoor, Surface Extender (Wheelock ISP2-W)	20.78	6.54
28 46 13 31-2715	EA	Red, RS/RSS Strobe Trim Plate (Wheelock NATP-R)	27.62	6.54
28 46 13 31-2716	EA	White, RS/RSS Strobe Trim Plate (Wheelock NATP-W)	27.62	6.54
28 46 13 31-2717	EA	Red Retrofit Plate (Wheelock RP-R)	24.50	6.54
28 46 13 31-2718	EA	4" Speaker/Strobe Ceiling Tile Support Bracket (Wheelock SSB-4)	42.05	6.54
28 46 13 31-2719	EA	Red, Surface Mounted, Back Box For Chimes, Speakers (Wheelock SBB-R)	53.18	16.37
28 46 13 31-2720	EA	White, Surface Mounted, Back Box For Chimes, Speaker (Wheelock SBB-W)	53.80	16.37
28 46 13 31-2721	EA	Red, Surface Mounted, Back Box For With RSSP (Wheelock SBL2-R)	57.04	16.37
28 46 13 31-2722	EA	Red, Semi-Flush Plate (Wheelock SFB-R)	28.91	6.54
28 46 13 31-2723	EA	White, Semi-Flush Plate (Wheelock SFB-W)	28.91	6.54
28 46 13 31-2724	EA	Red, Shallow Surface Mounted, Back Box (Wheelock SHBB-R)	47.08	16.37
28 46 13 31-2725	EA	White, Shallow Surface Mounted, Back Box (Wheelock SHBB-W)	47.08	16.37
28 46 13 31-2726	EA	Red, Adapter Plate For Mounting Sth-15S And Sth-15SR (Wheelock SHMP-R)	30.30	6.54
28 46 13 31-2727	EA	Red, Weather Resistant Back Box (Wheelock WBB-R)	52.39	16.37
28 46 13 31-2728	EA	Silver, Weather Resistant Back Box (Wheelock WBB-S)	52.39	16.37
28 46 13 31-2729	EA	White, Weather Resistant Back Box (Wheelock WBB-W)	52.39	16.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2730	EA	Red, Flush Outdoor Mounting Plate For RS, ET, AH And MT Series (Wheelock WFP-R)	36.96	6.54
28 46 13 31-2731	EA	White, Flush Outdoor Mounting Plate For RS, ET, AH And MT Series (Wheelock WFP-W)	36.96	6.54
28 46 13 31-2732	EA	Red, Flush Outdoor Mounting Plate For ASWP Series (Wheelock WFPA-R)	36.96	6.54
28 46 13 31-2733	EA	White, Flush Outdoor Mounting Plate For ASWP Series (Wheelock WFPA-W)	36.96	6.54
28 46 13 31-2734	EA	Gasket Kit For Rear Wiring To Outdoor Back Box (Wheelock WP-KIT)	25.63	6.54
28 46 13 31-2735	EA	Weather Resistant Back Box For ASWP (Wheelock WPBB-R)	63.86	16.37
28 46 13 31-2736	EA	Weather Resistant Back Box For RSSWP (Wheelock WPSBB-R)	58.83	16.37
28 46 13 31-2737	EA	Red Plate For RSS (Wheelock RSSCP-R)	20.78	6.54
28 46 13 31-2738	EA	White Plate For RSS (Wheelock RSSCP-W)	20.78	6.54
28 46 13 31-2739	EA	Red Fire Plate For RSS (Wheelock RSSCPW-FR)	21.70	6.54
28 46 13 31-2740	EA	White Fire Plate For RSS (Wheelock RSSCPW-FW)	21.70	6.54
28 46 13 31-2741	EA	Red, Indoor, Surface Extender (Wheelock ISP2-R)	21.17	6.54
28 46 13 31-2742	EA	Red, 24 Volt DC, 135/185 Candela, Wall Mounted Strobe Plate (Wheelock RSSP-24MCHW-FR)	150.40	6.54
28 46 13 31-2743	EA	White, 24 Volt DC, 15/30/75/110 Candela, Amber Lens, Ceiling Mounted Strobe Plate (Wheelock RSSPA-24MCC-ALW)	134.95	6.54
28 46 13 31-2744	EA	White, 24 Volt DC, 15/30/75/110 Candela, Amber Lens, No Lettering, Ceiling Mounted Strobe Plate (Wheelock RSSPA-24MCC-NW)	132.66	6.54
28 46 13 31-2745	EA	White, 24 Volt DC, 15/30/75/110 Candela, Amber Lens, ALERT Lettering, Wall Mounted Strobe Plate (Wheelock RSSPA-24MCW-ALW)	134.95	6.54
28 46 13 31-2746	EA	Red, Square Grill Plate For CH70, E70, ET70 (Wheelock ECHG70-R)	23.80	6.54
28 46 13 31-2747	EA	White, Square Grill Plate For CH70, E70, ET70 (Wheelock ECHG70-W)	23.11	6.54
28 46 13 31-2748	EA	Red, Round Grill Plate For CH70, E70, ET70 (Wheelock ECHG90-R)	24.31	6.54
28 46 13 31-2749	EA	White, Round Grill Plate For CH70, E70, ET70 (Wheelock ECHG90-W)	24.31	6.54
28 46 13 31-2750	EA	White, Fire Lettered, Grill Plate For E50 Speaker/Strobe (Wheelock ECHSG50-FW)	23.11	6.54
28 46 13 31-2751	EA	Red, Square, Fire Lettered, Grill Plate For CH70,E70,ET70 Speaker/Strobe (Wheelock ECHSG70W-FR)	24.20	6.54
28 46 13 31-2752	EA	White, Square, Fire Lettered, Grill Plate For CH70,E70,ET70 Speaker/Strobe (Wheelock ECHSG70W-FW)	24.20	6.54
28 46 13 31-2753	EA	Red, Round, Fire Lettered, Grill Plate For CH70, E70, ET70 Speaker Strobe (Wheelock ECHSG90-R)	23.11	6.54
28 46 13 31-2754	EA	White, Round, Fire Lettered, Grill Plate For CH70, E70, ET70 Speaker Strobe (Wheelock ECHSG90-W)	23.11	6.54
28 46 13 31-2755	EA	Red, Surface Mounted, Extender Ring (Wheelock SER-R)	31.81	6.54
28 46 13 31-2756	EA	White, Surface Mounted, Extender Ring (Wheelock SER-W)	32.15	6.54
28 46 13 31-2757	EA	Red, Semi-Flush, Plate (Wheelock SFP-R)	25.63	6.54
28 46 13 31-2758	EA	Silver, Semi-Flush, Plate (Wheelock SFP-S)	24.31	6.54
28 46 13 31-2759	EA	White, Semi-Flush, Plate (Wheelock SFP-W)	25.63	6.54
28 46 13 31-2760	EA	Red, Weather Resistant Back Box For ASWP (Wheelock WPBB-R)	63.86	16.37
28 46 13 31-2761	EA	Red, Weather Resistant Back Box For RSSWP (Wheelock WPSBB-R)	58.83	16.37
28 46 13 31-2762	EA	White, Weather Resistant Back Box For RSSWP Series (Wheelock WPSBB-W)	58.83	16.37
28 46 13 31-2763		**Manual Pull Station** *(28 46 13 31-2571)*		
28 46 13 31-2764	EA	SPST, Single Action, Manual Pull Station (Eaton Wheelock MPS-100)	144.79	32.74
28 46 13 31-2765	EA	SPST, Double Action, Manual Pull Station (Eaton Wheelock MPS-200)	144.79	32.74
28 46 13 31-2766	EA	Explosion Proof, Single Action Manual Pull Station (Eaton Wheelock MPS-400X)	1,263.12	32.74
28 46 13 31-2767		**Potter Fire Alarm** *(28 46 13 31)*		
28 46 13 31-2768		**Electric Alarm Bells** *(28 46 13 31-2767)*		
28 46 13 31-2769	EA	6" Alarm Bell, 12 Volt DC (Potter MBA-6-12)	139.32	49.11
28 46 13 31-2770	EA	8" Alarm Bell, 12 Volt DC (Potter MBA-8-12)	152.30	49.11
28 46 13 31-2771	EA	10" Alarm Bell, 12 Volt DC (Potter MBA-10-12)	158.79	49.11
28 46 13 31-2772	EA	6" Alarm Bell, 24 Volt DC (Potter MBA-6-24)	139.32	49.11
28 46 13 31-2773	EA	8" Alarm Bell, 24 Volt DC (Potter MBA-8-24)	152.30	49.11
28 46 13 31-2774	EA	10" Alarm Bell, 24 Volt DC (Potter MBA-10-24)	158.79	49.11
28 46 13 31-2775	EA	6" Alarm Bell, 24 Volt AC (Potter PBA246)	150.34	49.11
28 46 13 31-2776	EA	8" Alarm Bell, 24 Volt AC (Potter PBA248)	156.56	49.11
28 46 13 31-2777	EA	10" Alarm Bell, 24 Volt AC (Potter PBA2410)	193.26	49.11
28 46 13 31-2778	EA	6" Alarm Bell, 120 Volt AC (Potter PBA1206)	141.19	49.11
28 46 13 31-2779	EA	8" Alarm Bell, 120 Volt AC (Potter PBA1208)	156.56	49.11
28 46 13 31-2780	EA	10" Alarm Bell, 120 Volt AC (Potter PBA12010)	169.42	49.11
28 46 13 31-2781		**Manual Pull Station** *(28 46 13 31-2767)*		
28 46 13 31-2782	EA	SPST, Single Action, Manual Pull Station (Potter P32-1T)	102.27	32.74
28 46 13 31-2783	EA	DPST, Single Action, Manual Pull Station (Potter RMS-2T)	108.17	32.74
28 46 13 31-2784	EA	DPST, Single Action, Manual Pull Station (Potter RMS-6T)	174.50	32.74
28 46 13 31-2785	EA	DPST, Single Action, Key Reset Manual Pull Station (Potter RMS-1T-KL)	111.83	32.74
28 46 13 31-2786	EA	SPST, Dual Action, Manual Pull Station (Potter P32-1T-LP)	105.61	32.74
28 46 13 31-2787	EA	SPST, Weather Proof, Manual Pull Station (Potter RMS-1T-WP)	195.25	32.74
28 46 13 31-2788	EA	SPST, Weather Proof Dual Action, Manual Pull Station (Potter RMS-1T-WP-LP)	244.73	32.74
28 46 13 31-2789		**Fire Alarm Terminal Cabinets** *(28 46 13 31)*		
28 46 13 31-2790	EA	18 Point Lockable Fire Alarm Terminal Cabinet	269.67	65.58
28 46 13 31-2791	EA	32 Point Lockable Fire Alarm Terminal Cabinet	352.81	65.58
28 46 13 31-2792	EA	64 Point Lockable Fire Alarm Terminal Cabinet	519.05	65.58
28 46 13 31-2793	EA	128 Point Lockable Fire Alarm Terminal Cabinet	685.25	65.58
28 46 13 31-2794		**Test And Certification Of Fire Alarm System To Tie In To Existing Systems** *(28 46 13 31)*		
28 46 13 31-2795	DAY	Test And Certification Of Fire Alarm System To Tie Into Existing Systems	1,041.54	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2796	HR	Test And Certification Of Fire Alarm System To Tie In To Existing Systems	325.48	
28 46 13 31-2797		**Programming Of Existing Fire Alarm System** *(28 46 13 31)*		
28 46 13 31-2798	HR	Fire Alarm Techanician For Programming Of Existing Fire Alarm System	260.38	
28 46 13 31-2799		**Removal And Reinstallation Of Smoke Detector** *(28 46 13 31)*		
		Note: Includes storage, cleaning and supply materials.		
28 46 13 31-2800	EA	Removal And Reinstallation Of Ceiling Mounted Smoke Detector	183.35	
28 46 13 31-2801	EA	Removal And Reinstallation Of Wall Mounted Smoke Detector	147.33	
28 46 13 31-2802		**Kidde Fire Safety Equipment** *(28 46 13 31)*		
28 46 13 31-2803		**Smoke Detectors** *(28 46 13 31-2802)*		
28 46 13 31-2804	EA	Combination Smoke And Carbon Monoxide Detector, Intelligent Sensor, 120 Volt Hardwired, With10 Year Sealed Battery Back-up (Kidde P4010ACS-CO)	170.81	49.11
28 46 13 31-2805	EA	Combination Smoke And Carbon Monoxide Detector, 120 Volt Wired, With 10 Year Sealed Battery Back-up (Kidde i12010SCO)	150.33	49.11
28 46 13 31-2806	EA	Combination Smoke And Carbon Monoxide Detector, With 10 Year Sealed Battery (Kidde P3010K-CO)	139.59	49.11
28 46 31		**Fire-Alarm Initiating Devices** *(28 46)*		
28 46 31 11		**Heat-Sensing Fire Detectors** *(28 46 31)*		
28 46 31 11-0001		**Protectowire Fire Alarm** *(28 46 31 11)*		
28 46 31 11-0002		**Linear Heat Detector Cable** *(28 46 31 11-0001)*		
28 46 31 11-0003	LF	Multi-Purpose Linear Heat Detector, EPC Type, 155 To 220 Degree F (Protectowire PHSC-EPC)	6.11	
28 46 31 11-0004	LF	Multi-Purpose Linear Heat Detector With Messenger Wire, EPC Type, 155 To 220 Degree F (Protectowire PHSC-EPC-M	6.63	
28 46 31 11-0005	LF	High Performance Linear Heat Detector, XCR Type, 155 To 220 Degree F (Protectowire PHSC-XCR)	6.63	
28 46 31 11-0006	LF	High Performance Linear Heat Detector With Messenger Wire, XCR Type, 155 To 220 Degree F (Protectowire PHSC-XCR-M	7.14	
28 46 31 11-0007	LF	Multi-Purpose Linear Heat Detector, XLT Type, 135 Degree F (Protectowire PHSC-XLT)	7.75	
28 46 31 11-0008	LF	Multi-Purpose Linear Heat Detector With Messenger Wire, XLT Type, 135 Degree F (Protectowire PHSC-XLT-M)	8.27	
28 46 31 11-0009	EA	Flexible Lead Connector For Linear Heat Detector (Protectowire PFL)	76.59	
28 46 31 11-0010	EA	Splicing Connector For Linear Heat Detector (Protectowire PWSC)	30.32	
28 46 31 11-0011	EA	Cable Tray Clip For Linear Heat Detector (Protectowire CC-2N And CC-2W)	10.13	
28 46 31 11-0012	EA	Cable Tray Spring Clip For Linear Heat Detector (Protectowire HPC-2)	10.13	
28 46 31 11-0013	EA	Adhesive Cable Mount For Linear Heat Detector (Protectowire EMS-A-CO)	11.25	
28 46 31 11-0014	EA	Beam Clamp For Linear Heat Detector (Protectowire BC-2)	17.54	
28 46 31 11-0015	EA	Beam Clamp With Polypropylene Clip For Linear Heat Detector (Protectowire BC-3P)	18.23	
28 46 31 11-0016	EA	Pipe Mounting Straps Nylon (3/4" to 2" Pipe) (Protectowire PM-3A)	1.75	
28 46 31 11-0017	EA	Pipe Mounting Straps Nylon (2-1/2" to 3-1/2" Pipe) (Protectowire PM-3B)	2.37	
28 46 31 11-0018	EA	Pipe Mounting Straps Nylon (4" to 6" Pipe) (Protectowire PM-3C)	10.43	
28 46 41		**Fire-Alarm Notification Appliances** *(28 46)*		
28 46 41 11		**Audible Fire-Alarm Notification Appliances** *(28 46 41)*		
		See CSI section 28 46 13 31-0000 for fire alarm speakers.		
28 46 41 31		**Combination Fire-Alarm Notification Appliances** *(28 46 41)*		
		See CSI section 28 46 13 31-0000 for fire alarm horns and strobes.		
28 47		**Mass Notification** *(28 40)*		
28 47 15		**Mass Notification Control Panels** *(28 47)*		
28 47 15 00-0001		**Central Station Controls** *(28 47 15)*		
28 47 15 00-0002	EA	Desktop 18 Function Base Station Control/Encoder (Whelen E747)	1,009.61	
28 47 15 00-0003	EA	Desktop 35 Function Base Station Control/Encoder (Whelen E969)	1,641.53	
28 47 15 00-0004	EA	Desktop Central Station Control Encoder/Decoder (Whelen E2010)	4,915.38	65.48
28 47 15 00-0005	EA	Siren Status Printer And Cable Option For E2010 (Whelen E2010P)	1,500.80	32.74
28 47 15 00-0006	EA	Rack Mounted Central Station Control Encoder/Decoder (Whelen E2010R)	5,729.82	130.96
28 47 15 00-0007	EA	Internal Option To Convert E2010 To FSK Format (Whelen E2010FSK)	834.40	32.74
28 47 15 00-0008	EA	Option To Convert Activation Controls To FSK Format (Whelen FSKCEO)	895.12	32.74
28 47 17		**Notification Devices and Methods** *(28 47)*		
28 47 17 17		**Notification Appliances and Methods Public Methods** *(28 47 17)*		
28 47 17 17-0001		**Voice Capable Omni-Directional Speakers** *(28 47 17 17)*		
28 47 17 17-0002	EA	1 Cell, 109 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2901A)	14,166.70	844.06
		Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.		
28 47 17 17-0003	EA	2 Cells, 115 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2902A)	17,298.65	880.76
		Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.		
28 47 17 17-0004	EA	3 Cells, 119 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2903A)	20,391.82	917.46
		Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 47 17 17-0005	EA	4 Cells, 121 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2904A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	23,484.98	954.16
28 47 17 17-0006	EA	5 Cells, 123 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2905A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	26,655.69	990.86
28 47 17 17-0007	EA	6 Cells, 125 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2906A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	31,958.65	1,027.56
28 47 17 17-0008	EA	7 Cells, 126 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2907A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	35,090.58	1,064.26
28 47 17 17-0009	EA	8 Cells, 127 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2908A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	38,855.73	1,100.95
28 47 17 17-0010	EA	9 Cells, 128 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2909A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	41,948.90	1,137.65
28 47 17 17-0011	EA	10 Cells, 129 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2910A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	45,080.84	1,174.35
28 47 17 17-0012	EA	3 Cells, 127 dB, Voice Capable Rotating Directional Speaker (Whelen WPS4003) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	30,795.61	1,027.56
28 47 17 17-0013	EA	4 Cells, 129 dB, Voice Capable Rotating Directional Speaker (Whelen WPS4004) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	32,803.26	1,064.26
28 47 17 17-0014	EA	One-Way Control, 10 Digit DTMF Landline (Whelen D2030LL)	544.88	32.74
28 47 17 17-0015	EA	VHF High-Band Narrow-Band, One-Way Control, 10 Digit DTMF (Whelen D2030NV)	2,288.18	32.74
28 47 17 17-0016	EA	UHF Narrow-Band, One-Way Control, 10 Digit DTMF (Whelen D2030NU)	2,288.18	32.74
28 47 17 17-0017	EA	UHF Wide Band, One-Way Control, 10 Digit DTMF (Whelen D2030WU)	2,068.50	32.74
28 47 17 17-0018	EA	VHF High-Band Wide Band, One-Way Control, 10 Digit DTMF (Whelen D2030WV)	2,003.88	32.74
28 47 17 17-0019	EA	Two-Tone Sequential Option (Whelen WPSTT)	503.69	32.74
28 47 17 17-0020	EA	Full Function Auxiliary/Status Board For Contact Closure Activation (Two Way) (Whelen AUXCS)	644.42	32.74
28 47 17 17-0021	EA	Landline, 10 Digit DTMF (Whelen C2030LL)	669.59	32.74
28 47 17 17-0022	EA	VHF High-Band Narrow-Band, Two-Way Control, 10 Digit DTMF (Whelen C2030NV)	3,259.23	32.74
28 47 17 17-0023	EA	UHF Narrow-Band, Two-Way Control, 10 Digit DTMF (Whelen C2030NU)	2,507.87	32.74
28 47 17 17-0024	EA	UHF Wide-Band, 10 Digit DTMF (Whelen C2030WU)	2,507.87	32.74
28 47 17 17-0025	EA	VHF High-Wide Band, 10 Digit DTMF (Whelen C2030WV)	2,507.87	32.74
28 47 17 17-0026	EA	Option To Convert WPS Activation Controls To FSK Format (Whelen FSKXMOD)	895.12	32.74
28 47 17 17-0027	EA	Cabinet Window LED Status Indicator (Whelen STATUS)	620.81	32.74
28 47 17 17-0028	EA	Paging Interface Whelen Tones With Existing In-Plant Systems (Whelen PGINT)	414.45	32.74
28 47 17 17-0029	EA	Intrusion Alarm (Whelen INTRUWPS)	314.90	32.74
28 47 17 17-0030	EA	Custom Pre-Recorded Messages (One Time Set-up Charge Per Message) (Whelen MSGPROG)	218.53	
28 47 17 17-0031	EA	Whelen Library Messages (Whelen MSGPROGL)	43.76	
28 47 17 17-0032	EA	Noise Cancelling Microphone Includes Local Microphone Input Harness (Whelen WPSNCMIC)	171.31	32.74
28 47 17 17-0033	EA	One Pair Of Whelen Approved Batteries (Whelen WPSBATT)	1,173.39	49.11
28 47 17 17-0034	EA	WPS And OA Series, Rooftop Mounted (Whelen RTM)	11,099.39	807.36
28 47 17 17-0035	EA	Two 80 Watt Panels, Solar Power System (Whelen SBC280) Note: Includes mounting bracket and regulator.	4,618.60	196.44
28 47 17 17-0036	EA	Amber, 6 LED Lights For The Base Of WPS Series (Whelen VALERTA)	2,346.77	49.11
28 47 17 17-0037	EA	Blue, 6 LED Lights For The Base Of WPS Series (Whelen VALERTB)	2,346.77	49.11
28 47 17 17-0038	EA	Clear, 6 LED Lights For The Base Of WPS Series (Whelen VALERTC)	2,346.77	49.11
28 47 17 17-0039	EA	Green, 6 LED Lights For The Base Of WPS Series (Whelen VALERTG)	2,346.77	49.11
28 47 17 17-0040	EA	Red, 6 LED Lights For The Base Of WPS Series Products (Whelen VALERTR)	2,346.77	49.11
28 47 17 17-0041	EA	Amber, 24 Volt DC, LED, Beacon (Whelen L31HAF4)	816.75	49.11
28 47 17 17-0042	EA	Blue, 24 Volt DC, LED, Beacon (Whelen L31HBF4)	816.75	49.11
28 47 17 17-0043	EA	Red, 24 Volt DC, LED, Beacon (Whelen L31HRF4)	816.75	49.11
28 47 17 17-0044	EA	Amber, 24 Volt DC, Strobe (Whelen ISB24A)	639.40	49.11
28 47 17 17-0045	EA	Blue, 24 Volt DC, Strobe (Whelen ISB24B)	639.40	49.11
28 47 17 17-0046	EA	Clear, 24 Volt DC, Strobe (Whelen ISB24C)	639.40	49.11
28 47 17 17-0047	EA	Green, 24 Volt DC, Strobe (Whelen ISB24G)	639.40	49.11
28 47 17 17-0048	EA	Red, 24 Volt DC, Strobe (Whelen ISB24R)	639.40	49.11
28 47 17 17-0049	EA	Strobe/LED Controller With Mounting Plate, Hardware And Harnessing For ISB24 (Whelen SCWPS)	909.33	32.74
28 47 17 17-0050	EA	Strobe Controller (Whelen STCTRL)	675.31	32.74
28 47 17 17-0051	EA	LED Controller (Whelen LEDCTRL)	675.31	32.74
28 47 17 17-0052	EA	Speaker Driver Handle/Plate Assembly Only (Less Speaker Driver) (Whelen EZ-PULL)	439.96	49.11
28 47 17 17-0053	EA	Siren Diagnostic and Programming Software In CD Format (Whelen SDPTS)	573.13	
28 47 17 17-0054	EA	400 Watt Speaker Driver (Whelen SPKDRV)	936.18	32.74
28 47 17 17-0055	EA	Cabinet Window LED Status Indicator (Whelen STATUS)	470.51	32.74
28 47 17 17-0056	EA	Noise Cancelling Microphone Option For Encoder (Whelen WPSMIC)	171.31	32.74
28 47 17 17-0057	EA	Notifier/Whelen Interface Board (Whelen NAUXCS)	925.88	32.74
28 47 17 17-0058		**Tone Only, Omni-Alert Sirens** *(28 47 17 17)*		
28 47 17 17-0059	EA	One Cell, Tone Only, Omni-Alert Siren (Whelen OA1) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	11,448.31	807.36
28 47 17 17-0060	EA	Two Cell, Tone Only, Omni-Alert Siren (Whelen OA2) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	14,295.93	844.06
28 47 17 17-0061	EA	Three Cell, Tone Only, Omni-Alert Siren (Whelen OA3) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	17,117.73	880.76
28 47 17 17-0062	EA	Four Cell, Tone Only, Omni-Alert Siren (Whelen OA4) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	20,004.14	917.46
28 47 17 17-0063	EA	One Way Controls, Auxiliary Board For Contact Closure Activation (Whelen OAUXIN)	326.52	32.74
28 47 17 17-0064	EA	One Way Landline Activation, 10 Digit DTMF (Whelen OD2030LL)	544.88	32.74
28 47 17 17-0065	EA	VHF High-Narrow Band, 10 Digit DTMF (Whelen OD230NV)	2,288.18	32.74
28 47 17 17-0066	EA	UHF Narrow-Band, 10 Digit DTMF (Whelen OD230NU)	2,288.18	32.74
28 47 17 17-0067	EA	UHF Wide-Band, 10 Digit DTMF (Whelen OD230WU)	2,068.50	32.74
28 47 17 17-0068	EA	VHF High-Wide Band, 10 Digit DTMF (Whelen OD230WV)	2,003.88	32.74
28 47 17 17-0069	EA	One-Way Control Two-Tone Sequential Option (Whelen OTT)	439.62	32.74
28 47 17 17-0070	EA	Two Way Controls, Contact Closure Activation Board (Whelen OAUXCS)	719.37	32.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 47 17 17-0071	EA	Two Way Landline Activation (Whelen OC2030LL)	747.80	32.74
28 47 17 17-0072	EA	VHF High-Narrow Band, 10 Digit DTMF (Whelen OC230NV)	2,507.87	32.74
28 47 17 17-0073	EA	UHF Narrow-Band, 10 Digit DTMF (Whelen OC230NU)	2,507.87	32.74
28 47 17 17-0074	EA	UHF, 10 Digit DTMF (Whelen OC230WU)	2,507.87	32.74
28 47 17 17-0075	EA	VHF High Band, 10 Digit DTMF (Whelen OC230WV)	2,507.87	32.74
28 47 17 17-0076	EA	Converts The Omni-Alert Siren Activation Controls To FSK Format (Whelen OFSKXMOD)	895.12	32.74
28 47 17 17-0077	EA	Paging Interface To Interface Whelen Tones With Existing In-Plant Systems (Whelen OPGINT)	414.45	32.74
28 47 17 17-0078	EA	Cabinet Window LED Status Indicator (Whelen OSTATUS)	470.51	32.74
28 47 17 17-0079	EA	Intrusion Alarm (Whelen OINTRU)	253.12	32.74
28 47 17 17-0080	EA	80 Watt Solar Power Option (Whelen OSBC280)	4,618.60	196.44
28 47 17 17-0081	EA	One Pair Of Whelen Approved Batteries For Omnialert (Whelen BSETO)	954.04	49.11

28 47 17 17-0082 Tone-Only Rotating Directional Speakers *(28 47 17 17)*

28 47 17 17-0083	EA	3 Cells, 127 dB, Tone-Only Rotating Directional Speaker (Whelen VORTEXR3) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	23,743.43	954.16
28 47 17 17-0084	EA	4 Cells, 129 dB, Tone-Only Rotating Directional Speaker (Whelen VORTEXR4) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	25,182.50	990.86
28 47 17 17-0085	EA	Limited Function Auxiliary Board For Contact Closure Activation (Whelen VAUXIN)	296.60	32.74
28 47 17 17-0086	EA	Landline, 10 Digit DTMF (Whelen VD2030LL)	606.94	32.74
28 47 17 17-0087	EA	VHF High-Narrow Band, 10 Digit DTMF (Whelen VD230NV)	2,288.18	32.74
28 47 17 17-0088	EA	UHF Narrow-Band, 10 Digit DTMF (Whelen VD230NU)	2,288.18	32.74
28 47 17 17-0089	EA	UHF Wide-Band, 10 Digit DTMF (Whelen VD230WU)	2,068.50	32.74
28 47 17 17-0090	EA	VHF High-Wide Band, 10 Digit DTMF (Whelen VD230WV)	2,003.88	32.74
28 47 17 17-0091	EA	Two-Tone Sequential Option (Order One-Way Control Option, Above, VD2020LI, VD2020H, VD2020U) (Whelen VORTT)	439.62	32.74
28 47 17 17-0092	EA	Full Function Auxiliary/Status Control Board For Contact Closure Activation (Whelen VAUXCS)	705.15	32.74
28 47 17 17-0093	EA	Landline, 10 Digit DTMF (Whelen VC2030LL)	747.80	32.74
28 47 17 17-0094	EA	VHF High-Narrow Band, 10 Digit DTMF (Whelen VC230NV)	2,507.87	32.74
28 47 17 17-0095	EA	UHF Narrow-Band, 10 Digit DTMF (Whelen VC230NU)	2,507.87	32.74
28 47 17 17-0096	EA	UHF, 10 Digit DTMF (Whelen VC230WU)	2,507.87	32.74
28 47 17 17-0097	EA	VHF High Band, 10 Digit DTMF (Whelen VC230WV)	2,507.87	32.74
28 47 17 17-0098	EA	Option To Convert The Vortex Activation Controls To FSK Format (Whelen VFSKXMOD)	895.12	32.74
28 47 17 17-0099	EA	Cabinet Window LED Status Indicator (Whelen VSTATUS)	522.94	32.74
28 47 17 17-0100	EA	Paging Interface To Interface Whelen Tones With Existing In-Plant Systems (Whelen VPGINT)	414.45	32.74
28 47 17 17-0101	EA	Vortex Intrusion Alarm (Whelen VINTRU)	253.12	32.74
28 47 17 17-0102	EA	Speaker Pole Top Bracket (Whelen VPTB)	719.37	32.74
28 47 17 17-0103	EA	80 Watt Solar Power Option (Whelen VSBC280)	4,618.60	196.44
28 47 17 17-0104	EA	One Pair Of Whelen Approved Batteries For Vortex Series (Whelen BSETVOR)	954.04	49.11
28 47 17 17-0105	EA	Program Charge For Custom VROM Message (Whelen VPROG)	3,808.74	

28 47 17 17-0106 Uni-Directional Rotating Speakers *(28 47 17 17)*

28 47 17 17-0107	EA	118 dB, Uni-Directional Rotating Speaker (Whelen HORNET)	15,148.83	844.06
28 47 17 17-0108	EA	One Way Contact Closure Activation Control Board (Whelen HAUXIN)	296.60	32.74
28 47 17 17-0109	EA	Landline, One Way Control, 10 Digit DTMF (Whelen HD2030LL)	606.94	32.74
28 47 17 17-0110	EA	VHF High-Narrow Band, One Way Control, 10 Digit DTMF (Whelen HD230NV)	2,288.18	32.74
28 47 17 17-0111	EA	UHF Narrow-Band, One Way Control, 10 Digit DTMF (Whelen HD230NU)	2,288.18	32.74
28 47 17 17-0112	EA	UHF Wide-Band, One Way Control, 10 Digit DTMF (Whelen HD230WU)	2,068.50	32.74
28 47 17 17-0113	EA	VHF High-Wide Band, One Way Control, 10 Digit DTMF (Whelen HD230WV)	2,003.88	32.74
28 47 17 17-0114	EA	Two-Tone Sequential Option For Hornet (Whelen HORTT)	488.05	32.74
28 47 17 17-0115	EA	Two Way Contact Closure Activation And Status Control Board (Whelen HAUXCS)	631.83	32.74
28 47 17 17-0116	EA	Landline, Two Way Control, 10 Digit DTMF (Whelen HC2030LL)	669.59	32.74
28 47 17 17-0117	EA	VHF High-Narrow Band, Two Way Control, 10 Digit DTMF (Whelen HC230NV)	2,507.87	32.74
28 47 17 17-0118	EA	UHF Narrow-Band, Two Way Control, 10 Digit DTMF (Whelen HC230NU)	2,507.87	32.74
28 47 17 17-0119	EA	UHF, Two Way Control, 10 Digit DTMF (Whelen HC230WU)	2,507.87	32.74
28 47 17 17-0120	EA	VHF High Band, Two Way Control, 10 Digit DTMF (Whelen HC230WV)	2,507.87	32.74
28 47 17 17-0121	EA	Converts Siren Activation Controls To FSK Format (Whelen HFSKXMOD)	895.12	32.74
28 47 17 17-0122	EA	LED Status Indicator (Whelen HSTATUS)	470.51	32.74
28 47 17 17-0123	EA	Option For Paging Interface (Whelen HPGINT)	414.45	32.74
28 47 17 17-0124	EA	Intrusion Alarm (Whelen HINTRU)	253.12	32.74
28 47 17 17-0125	EA	Solar Power Option (Whelen HSBC280)	4,618.60	196.44
28 47 17 17-0126	EA	Pole Top Bracket For Speaker (Whelen HPTB)	666.16	32.74
28 47 17 17-0127	EA	One Pair Of Whelen Approved Batteries (Whelen BSETF)	954.04	49.11

28 47 17 17-0128 All Hazard In-Plant Personnel Warning System *(28 47 17 17)*

28 47 17 17-0129	EA	400 Watt, Voice Capable, In-Plant Personnel Warning System (Whelen IPS400)	7,574.59	1,047.68
28 47 17 17-0130	EA	800 Watt, Voice Capable, In-Plant Personnel Warning System (Whelen IPS800)	9,193.40	1,178.64
28 47 17 17-0131	EA	15 Watt, Wide Angle Speaker (Whelen WS15T)	422.01	49.11
28 47 17 17-0132	EA	Recess Mounted, 15 Watt Speaker (Whelen WS15TR)	403.71	49.11
28 47 17 17-0133	EA	With Grill, Recess Mounted, 15 Watt Speaker (Whelen WS15TEN)	769.84	49.11
28 47 17 17-0134	EA	30 Watt, Wide Angle Speaker (Whelen WS30T)	526.13	49.11
28 47 17 17-0135	EA	60 Watt, Wide Angle Speaker (Whelen WS60T)	1,061.59	49.11
28 47 17 17-0136	EA	Explosion-Proof, 60 Watt, Wide Angle Speaker (Whelen WSXPL6T)	1,830.04	55.65
28 47 17 17-0137	EA	100 Watt, Wide Angle Speaker (Whelen WS100)	677.16	49.11
28 47 17 17-0138	EA	Weatherproof Housing, 100 Watt, Wide Angle Speaker (Whelen WS100TCH)	1,056.39	55.65
28 47 17 17-0139	EA	Intrusion Alarm For Whelen Outdoor Speaker Cabinets (Whelen INTRU)	253.12	32.74

28 47 17 17-0140 Firehouse Siren *(28 47 17 17)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 47 17 17-0141	EA	Auxiliary Board Contact Closure (Whelen FAUXIN)	296.60	32.74
28 47 17 17-0142	EA	Two-Tone Sequential Option (Whelen FTT)	439.62	32.74
28 47 17 17-0143	EA	Auxiliary/Status Control Board (Whelen FAUXCS)	705.15	32.74
28 47 17 17-0144	EA	Landline, 10 Digit DTMF (Whelen FC2030LL)	669.59	32.74
28 47 17 17-0145	EA	VHF High-Narrow Band, 10 Digit DTMF (Whelen FC230NV)	2,507.87	32.74
28 47 17 17-0146	EA	UHF Narrow-Band, 10 Digit DTMF (Whelen FC230NU)	2,507.87	32.74
28 47 17 17-0147	EA	UHF, 10 Digit DTMF (Whelen FC230WU)	2,507.87	32.74
28 47 17 17-0148	EA	VHF High Band, 10 Digit DTMF (Whelen FC230WV)	2,507.87	32.74
28 47 17 17-0149	EA	Paging Interface Control Option (Whelen FPGINT)	414.45	32.74
28 47 17 17-0150	EA	Intrusion Alarm Control Option (Whelen FINTRU)	253.12	32.74
28 47 17 17-0151	EA	Solar Power Option (Whelen FSBC280) Note: Two 80 watt panels, with brackets and solar regulator.	4,618.60	196.44
28 47 17 17-0152		**Alert Monitor And Message Display** *(28 47 17 17)*		
28 47 17 17-0153	EA	Alert Monitor With Radio Receiver VHF High Band (Whelen V2000H)	2,094.34	32.74
28 47 17 17-0154	EA	Alert Monitor VHF High-Narrow Band (Whelen V2000NH)	2,094.34	32.74
28 47 17 17-0155	EA	Alert Monitor UHF Narrow-Band (Whelen V2000NU)	2,094.34	32.74
28 47 17 17-0156	EA	Alert Monitor With Radio Receiver UHF (Whelen V2000U)	2,094.34	32.74
28 47 17 17-0157	EA	Internal Battery And Charger For VA2000 Series (Whelen VA2BATT)	266.41	49.11
28 47 17 17-0158	EA	Mounting Bracket For Under Cabinet Or Vehicle Mounting - VA2000 Series (Whelen VA2MTG)	78.07	32.74
28 47 17 17-0159	EA	Factory Programming Of 1 To 15 VA2000 Display Messages (Whelen VA2PROGA)	162.47	
28 47 17 17-0160	EA	Factory Programming Of 16 To 45 VA2000 Display Messages (Whelen VA2PROGB)	255.15	
28 47 17 17-0161		**Portable Test Set** *(28 47 17 17)*		
28 47 17 17-0162	EA	VHF High Band, Portable Test Set (Whelen PT2010H)	8,438.52	
28 47 17 17-0163	EA	VHF Low Band, Portable Test Set (Whelen PT2010L)	8,438.52	
28 47 17 17-0164	EA	UHF, Portable Test Set (Whelen PT2010U)	8,438.52	
28 47 17 17-0165		**Replacement Warning Lights** *(28 47 17 17)*		
28 47 17 17-0166	EA	Amber, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IA)	415.97	52.39
28 47 17 17-0167	EA	Blue, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IB)	415.97	52.39
28 47 17 17-0168	EA	Clear, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IC)	415.97	52.39
28 47 17 17-0169	EA	Green, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IG)	415.97	52.39
28 47 17 17-0170	EA	Red, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IR)	415.97	52.39
28 47 17 17-0171	EA	Amber, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IA)	446.86	52.39
28 47 17 17-0172	EA	Blue, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IB)	292.40	52.39
28 47 17 17-0173	EA	Clear, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IC)	442.28	52.39
28 47 17 17-0174	EA	Green, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IG)	442.28	52.39
28 47 17 17-0175	EA	Red, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IR)	442.28	52.39
28 47 17 17-0176	EA	Amber, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HA)	415.97	52.39
28 47 17 17-0177	EA	Blue, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HB)	415.97	52.39
28 47 17 17-0178	EA	Clear, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HC)	415.97	52.39
28 47 17 17-0179	EA	Green, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HG)	415.97	52.39
28 47 17 17-0180	EA	Red, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HR)	415.97	52.39
28 47 17 17-0181	EA	Amber, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HA)	465.17	52.39
28 47 17 17-0182	EA	Blue, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HB)	465.17	52.39
28 47 17 17-0183	EA	Clear, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HC)	303.84	52.39
28 47 17 17-0184	EA	Green, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HG)	303.84	52.39
28 47 17 17-0185	EA	Red, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HR)	303.84	52.39
28 47 17 17-0186		**Antenna** *(28 47 17 17)*		
28 47 17 17-0187	EA	50' Antenna Cable (Honeywell Ademco 7626-50HC)	325.43	
28 47 17 17-0188	EA	External/Remote Weatherproof Antenna (Honeywell Ademco GSM-ANT3DB)	291.80	
28 47 17 17-0189	EA	80GHz Millimeter Wave Radio (BridgeWave Flex4G-1000)	15,950.92	

28 47 21 Mass Notification System Interfaces *(28 47)*

28 47 21 21 Notification Interfaces to Fire Detection and Alarm *(28 47 21)*

28 47 21 21-0001		**Emergency Command Center (Honeywell Fire-Lite)** *(28 47 21 21)*		
28 47 21 21-0002	EA	Emergency Command Center Multipurpose Emergency Voice Eevacuation Panels (Fire-Lite ECC-50/100 E)	2,538.10	327.40
28 47 21 21-0003	EA	Circuit Expander Module (Fire-Lite ECC_CE6)	484.74	26.19
28 47 21 21-0004	EA	25V, 50 Watt Audio Amplifier Module (Fire-Lite ECC_50W_25V)	428.11	32.74
28 47 21 21-0005	EA	75V, 50 Watt Audio Amplifier Module (Fire-Lite ECC_50W_70V)	441.20	32.74
28 47 21 21-0006	EA	70V Transformer Conversion Module (Fire-Lite ECC_XRM_70V)	230.48	32.74
28 47 21 21-0007	EA	Local Operator Console (Fire-Lite ECC-LOC)	1,336.79	65.48
28 47 21 21-0008	EA	Remote Page Unit Hand Held Micorphone (Fire-Lite ECC-RPU)	1,050.71	16.37
28 47 21 21-0009	EA	Distributed (Remote) Audio Amplifier, 50 Watts (Fire-Lite ECC-50DA)	1,020.13	65.48
28 47 21 21-0010	EA	Distributed (Remote) Audio Amplifier, 125 Watts (Fire-Lite ECC-125DA)	1,747.85	65.48
28 47 21 21-0011	EA	Distributed (Remote) Audio Amplifier With Backup, 50/100 Watts (Fire-Lite ECC50BDA)	2,765.95	65.48
28 47 21 21-0012	EA	100 Watt Primary / 50 Watt Back-up Remote Amplifier Expander Card (Fire-Lite ECC-50WBU)	1,355.69	32.74
28 47 21 21-0013	EA	Distributed Audio Speaker Circuit/Zone Expander Module (Fire-Lite ECC-CE4)	423.33	32.74
28 47 21 21-0014	EA	Addressable Mini-Monitor Module (Fire-Lite MMF-301)	104.58	32.74
28 47 21 21-0015	EA	Thumb Latch (Fire-Lite THUMBLTCH)	56.92	13.10
28 47 21 21-0016	EA	25-120 Ampere-Hours (AH) Battery Charger (Fire-Lite CHG-120F)	756.57	13.10
28 47 21 21-0017	EA	Replacement Microphone (Fire-Lite ECC-MICROPHONE)	158.39	13.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 47 21 21-0018	EA	12 Volt, 7 Ampere-Hour (AH) Battery (Fire-Lite BAT-1270)	295.85	32.74
28 47 21 21-0019	EA	12 Volt, 12 Ampere-Hour (AH) Battery (Fire-Lite BAT-12120)	378.18	32.74
28 47 21 21-0020	EA	12 Volt, 18 Ampere-Hour (AH) Battery (Fire-Lite BAT-12180)	282.49	32.74

28 49 Electronic Personal Protection Systems *(28 40)*

28 49 11 Electronic Personal Safety Detection Systems *(28 49)*

28 49 11 00-0001 Personnel Alarm Locating System *(28 49 11)*

Note: Includes a central computer, 17" VGA color monitor, keyboard and mouse, personal alarm locating software, a printer, interface cards and panels, eighty (80) personal alarm transmitters with lithium batteries, eighty (80) lapel readers, two hundred fifty (250) IR locators, twenty one (21) repeaters and receivers, back boxes, cables.

28 49 11 00-0002	EA	Personnel Alarm Locating System Note: Includes Pentium III central computer, 17" VGA color monitor, keyboard and mouse, personal alarm locating software, a printer, interface cards and panels.	25,161.40	1,050.97
28 49 11 00-0003	EA	Personnel Alarm Transmitters With Lithium Batteries	199.85	
28 49 11 00-0004	EA	Lapel Reader	76.86	
28 49 11 00-0005	EA	IR Locator	278.52	39.35
28 49 11 00-0006	EA	Repeaters And Receivers	677.38	131.16

28 49 17 Electronic Personal Safety Emergency Aid Devices *(28 49)*

28 49 17 00-0001 Electronic Personal Safety Emergency Aid Devices (Edwards Signaling) *(28 49 17)*

28 49 17 00-0002 Call For Assistance Kits, Emergency Aid Devices (Edwards Signaling) *(28 49 17 00-0001)*

28 49 17 00-0003	EA	Pull Cord Call For Assistance Kit With Strobe/Buzzer, Emergency Aid Devices (Edwards Signaling 7008B-N5) Note: Includes 1 high intensity strobe/buzzer (7007B-N5) and 1 emergency pull cord station (6537).	360.81	78.70
28 49 17 00-0004	EA	Push Button Call For Assistance Kit With Strobe/Horn, Emergency Aid Devices (Edwards Signaling 7005-G5) Note: Includes 1 high intensity strobe/horn (6536-G5), 1 emergency pull cord station (6537), and 1 transformer 592.	428.21	91.81
28 49 17 00-0005	EA	Pull Cord Call For Assistance Kit With Strobe/Horn, Emergency Aid Devices (Edwards Signaling 6538-G5) Note: Includes 1 high intensity strobe/horn (6536-G5), 1 wall mounted push button (620/147-10), and 1 transformer 592.	431.43	91.81

28 49 17 00-0006 Audible/Visual Signaling Devices, Emergency Aid Devices (Edwards Signaling) *(28 49 17 00-0001)*

28 49 17 00-0007	EA	High Intensity Strobe/Buzzer, Emergency Aid Devices (Edwards Signaling 7007B-N5)	266.05	49.18
28 49 17 00-0008	EA	High Intensity Strobe/Horn, Emergency Aid Devices (Edwards Signaling 6536-G5)	259.60	39.35
28 49 17 00-0009	EA	Transformer For High Intensity Strobe/Horns, Emergency Aid Devices (Edwards Signaling 592)	119.28	39.35
28 49 17 00-0010	EA	1 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-1N5)	209.78	39.35
28 49 17 00-0011	EA	2 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-2N5)	242.13	39.35
28 49 17 00-0012	EA	4 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-4G5)	275.71	39.35
28 49 17 00-0013	EA	2 Lamp, Dome Station/Buzzer, Emergency Aid Devices (Edwards Signaling 7633-2)	383.65	39.35
28 49 17 00-0014	EA	4 Lamp, Dome Station/Buzzer, Emergency Aid Devices (Edwards Signaling 7633-4)	430.09	39.35

28 49 17 00-0015 Call Activation Devices, Emergency Aid Devices (Edwards Signaling) *(28 49 17 00-0001)*

28 49 17 00-0016	EA	Double Pole Single Throw Switch, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 6537)	159.88	39.35
28 49 17 00-0017	EA	Pushbutton Wall Station/Indicator Lamp With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7603E)	237.01	39.35
28 49 17 00-0018	EA	Pushbutton Wall Station/Indicator Lamp With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7613E)	311.47	39.35
28 49 17 00-0019	EA	3 Maintained Contacts, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7302)	335.51	13.12
28 49 17 00-0020	EA	Bedside Wall Station Receptacle, Emergency Aid Devices (Edwards Signaling 7930)	243.90	39.35
28 49 17 00-0021	EA	Bedside Wall Station Receptacle With Lamp, Emergency Aid Devices (Edwards Signaling 7930L)	288.43	39.35
28 49 17 00-0022	EA	Locking Button, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7932L)	491.37	39.35
28 49 17 00-0023	EA	Pendant Push Button, Emergency Aid Devices (Edwards Signaling 7620)	231.65	39.35
28 49 17 00-0024	EA	Single 6' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7675)	283.47	13.12
28 49 17 00-0025	EA	Double 6' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7676)	438.90	13.12
28 49 17 00-0026	EA	Single 15' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7685)	448.46	13.12
28 49 17 00-0027	EA	Double 15' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7686)	591.18	13.12

END OF SECTION 28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 Earthwork

31 01 Maintenance of Earthwork *(31)*

31 01 20 Maintenance of Earth Moving *(31 01)*

31 01 20 00-0001 Rip Settling Basins *(31 01 20)*

Note: Rip through light soil and sand in settling basin. 8' on center (machine width).

31 01 20 00-0002	ACR	Rip Light Soil And Sand, By Dozer	806.91
31 01 20 00-0003	ACR	Rip Light Soil And Sand, By Grader With Rear Ripper	1,253.69
31 01 20 00-0004	ACR	Rip Light Soil And Sand, By Rubber Tire Front End Loader	1,083.29

31 05 Common Work Results for Earthwork *(31)*

31 05 13 Soils for Earthwork *(31 05)*

Note: Includes delivery up to 15 miles from the closest approved source and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0040 for hauling greater than 15 miles.

31 05 13 00-0001 Fill Material (Loose, Purchased Material) *(31 05 13)*

Note: Includes delivery up to 15 miles from the closest approved source, loading and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0040 for hauling greater than 15 miles.

31 05 13 00-0002	CY	Bank Run/Fill Sand	37.59
		For Up To 8, Add	*7.52*
		For >8 To 16, Add	*3.76*
		For >48 To 64, Deduct	*-2.90*
		For >64 To 96, Deduct	*-4.78*
		For >96 To 168, Deduct	*-6.66*
		For >168 To 240, Deduct	*-8.11*
		For >240, Deduct	*-9.56*
31 05 13 00-0003	CY	Screened/Washed Filter/Septic Sand	47.27
		For Up To 8, Add	*9.45*
		For >8 To 16, Add	*4.73*
		For >48 To 64, Deduct	*-3.38*
		For >64 To 96, Deduct	*-5.75*
		For >96 To 168, Deduct	*-8.11*
		For >168 To 240, Deduct	*-9.80*
		For >240, Deduct	*-11.49*
31 05 13 00-0004	CY	3/8" Minus, ASTM C33, Screened/Washed Bedding Sand	59.94
		For Up To 8, Add	*11.99*
		For >8 To 16, Add	*5.99*
		For >48 To 64, Deduct	*-4.02*
		For >64 To 96, Deduct	*-7.01*
		For >96 To 168, Deduct	*-10.01*
		For >168 To 240, Deduct	*-12.02*
		For >240, Deduct	*-14.03*
31 05 13 00-0005	CY	3/16" Minus, Screened/Washed Concrete Sand	52.40
		For Up To 8, Add	*10.48*
		For >8 To 16, Add	*5.24*
		For >48 To 64, Deduct	*-3.64*
		For >64 To 96, Deduct	*-6.26*
		For >96 To 168, Deduct	*-8.88*
		For >168 To 240, Deduct	*-10.70*
		For >240, Deduct	*-12.52*
31 05 13 00-0006	CY	3/32" Minus, Screened/Washed Masonry/Mortar Sand	89.15
		For Up To 8, Add	*17.83*
		For >8 To 16, Add	*8.92*
		For >48 To 64, Deduct	*-5.48*
		For >64 To 96, Deduct	*-9.94*
		For >96 To 168, Deduct	*-14.39*
		For >168 To 240, Deduct	*-17.13*
		For >240, Deduct	*-19.87*
31 05 13 00-0007	CY	Common Fill, Native Soil/Dirt	40.75
		For Up To 8, Add	*8.15*
		For >8 To 16, Add	*4.08*
		For >48 To 64, Deduct	*-3.06*
		For >64 To 96, Deduct	*-5.10*
		For >96 To 168, Deduct	*-7.13*
		For >168 To 240, Deduct	*-8.66*
		For >240, Deduct	*-10.19*
31 05 13 00-0008	CY	Lime Rock Screening	41.56
		For Up To 8, Add	*8.31*
		For >8 To 16, Add	*4.16*
		For >48 To 64, Deduct	*-3.10*
		For >64 To 96, Deduct	*-5.18*
		For >96 To 168, Deduct	*-7.25*
		For >168 To 240, Deduct	*-8.80*
		For >240, Deduct	*-10.35*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 05 13 00-0009	CY	Crushed Lime Rock Maximum 3-1/2"	41.56	
		For Up To 8, Add	*8.31*	
		For >8 To 16, Add	*4.16*	
		For >48 To 64, Deduct	*-3.10*	
		For >64 To 96, Deduct	*-5.18*	
		For >96 To 168, Deduct	*-7.25*	
		For >168 To 240, Deduct	*-8.80*	
		For >240, Deduct	*-10.35*	
31 05 13 00-0010	CY	Sand/Clay	39.09	
		For Up To 8, Add	*7.82*	
		For >8 To 16, Add	*3.91*	
		For >48 To 64, Deduct	*-2.97*	
		For >64 To 96, Deduct	*-4.93*	
		For >96 To 168, Deduct	*-6.88*	
		For >168 To 240, Deduct	*-8.37*	
		For >240, Deduct	*-9.86*	
31 05 13 00-0011	CY	Recycled Concrete Aggregate	37.88	
		For Up To 8, Add	*7.58*	
		For >8 To 16, Add	*3.79*	
		For >48 To 64, Deduct	*-2.91*	
		For >64 To 96, Deduct	*-4.81*	
		For >96 To 168, Deduct	*-6.70*	
		For >168 To 240, Deduct	*-8.16*	
		For >240, Deduct	*-9.62*	
31 05 13 00-0012	CY	Pit Run Clay	50.05	
		For Up To 8, Add	*10.01*	
		For >8 To 16, Add	*5.01*	
		For >48 To 64, Deduct	*-3.52*	
		For >64 To 96, Deduct	*-6.03*	
		For >96 To 168, Deduct	*-8.53*	
		For >168 To 240, Deduct	*-10.29*	
		For >240, Deduct	*-12.05*	
31 05 13 00-0013	CY	Light Clay / Loam	46.51	
		For Up To 8, Add	*9.30*	
		For >8 To 16, Add	*4.65*	
		For >48 To 64, Deduct	*-3.35*	
		For >64 To 96, Deduct	*-5.67*	
		For >96 To 168, Deduct	*-8.00*	
		For >168 To 240, Deduct	*-9.67*	
		For >240, Deduct	*-11.34*	
31 05 13 00-0014	CY	Heavy Clay	55.28	
		For Up To 8, Add	*11.06*	
		For >8 To 16, Add	*5.53*	
		For >48 To 64, Deduct	*-3.78*	
		For >64 To 96, Deduct	*-6.55*	
		For >96 To 168, Deduct	*-9.31*	
		For >168 To 240, Deduct	*-11.20*	
		For >240, Deduct	*-13.10*	

31 05 16 Aggregates for Earthwork *(31 05)*

See CSI section 01 74 19 00-0040 for hauling greater than 15 miles.

31 05 16 00-0001 Aggregate (Loose, Purchased Material) *(31 05 16)*

Note: Includes delivery up to 15 miles from the closest approved source, loading and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0040 for hauling greater than 15 miles.

31 05 16 00-0002	CY	#2 (1-1/2" To 2-1/2" Clean) Stone Aggregate Fill	53.59	
		For Up To 8, Add	*10.72*	
		For >8 To 16, Add	*5.36*	
		For >48 To 64, Deduct	*-3.70*	
		For >64 To 96, Deduct	*-6.38*	
		For >96 To 168, Deduct	*-9.06*	
		For >168 To 240, Deduct	*-10.91*	
		For >240, Deduct	*-12.76*	
31 05 16 00-0003	CY	#3 (1" To 2" Clean) Stone Aggregate Fill	55.54	
		For Up To 8, Add	*11.11*	
		For >8 To 16, Add	*5.55*	
		For >48 To 64, Deduct	*-3.80*	
		For >64 To 96, Deduct	*-6.57*	
		For >96 To 168, Deduct	*-9.35*	
		For >168 To 240, Deduct	*-11.25*	
		For >240, Deduct	*-13.15*	
31 05 16 00-0004	CY	#4 (3/4" To 1-1/2" Clean) Stone Aggregate Fill	53.59	
		For Up To 8, Add	*10.72*	
		For >8 To 16, Add	*5.36*	
		For >48 To 64, Deduct	*-3.70*	
		For >64 To 96, Deduct	*-6.38*	
		For >96 To 168, Deduct	*-9.06*	
		For >168 To 240, Deduct	*-10.91*	
		For >240, Deduct	*-12.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 05 16 00-0005	CY	#5 (1/2" To 1" Clean) Stone Aggregate Fill	56.95	
		For Up To 8, Add	*11.39*	
		For >8 To 16, Add	*5.70*	
		For >48 To 64, Deduct	*-3.87*	
		For >64 To 96, Deduct	*-6.72*	
		For >96 To 168, Deduct	*-9.56*	
		For >168 To 240, Deduct	*-11.50*	
		For >240, Deduct	*-13.43*	
31 05 16 00-0006	CY	#6 (3/8" To 3/4" Clean) Stone Aggregate Fill	58.93	
		For Up To 8, Add	*11.79*	
		For >8 To 16, Add	*5.89*	
		For >48 To 64, Deduct	*-3.97*	
		For >64 To 96, Deduct	*-6.91*	
		For >96 To 168, Deduct	*-9.86*	
		For >168 To 240, Deduct	*-11.84*	
		For >240, Deduct	*-13.83*	
31 05 16 00-0007	CY	#56 (3/8" To 1") Stone Aggregate Fill	57.25	
		For Up To 8, Add	*11.45*	
		For >8 To 16, Add	*5.73*	
		For >48 To 64, Deduct	*-3.88*	
		For >64 To 96, Deduct	*-6.75*	
		For >96 To 168, Deduct	*-9.61*	
		For >168 To 240, Deduct	*-11.55*	
		For >240, Deduct	*-13.49*	
31 05 16 00-0008	CY	#57 (3/8" To 1") Stone Aggregate Fill	60.70	
		For Up To 8, Add	*12.14*	
		For >8 To 16, Add	*6.07*	
		For >48 To 64, Deduct	*-4.06*	
		For >64 To 96, Deduct	*-7.09*	
		For >96 To 168, Deduct	*-10.13*	
		For >168 To 240, Deduct	*-12.15*	
		For >240, Deduct	*-14.18*	
31 05 16 00-0009	CY	#67 Or #68 (3/16" To 3/4") Stone Aggregate Fill	55.43	
		For Up To 8, Add	*11.09*	
		For >8 To 16, Add	*5.54*	
		For >48 To 64, Deduct	*-3.79*	
		For >64 To 96, Deduct	*-6.56*	
		For >96 To 168, Deduct	*-9.33*	
		For >168 To 240, Deduct	*-11.23*	
		For >240, Deduct	*-13.13*	
31 05 16 00-0010	CY	#7I (3/8" To 1/2") Stone Aggregate Fil	56.39	
		For Up To 8, Add	*11.28*	
		For >8 To 16, Add	*5.64*	
		For >48 To 64, Deduct	*-3.84*	
		For >64 To 96, Deduct	*-6.66*	
		For >96 To 168, Deduct	*-9.48*	
		For >168 To 240, Deduct	*-11.40*	
		For >240, Deduct	*-13.32*	
31 05 16 00-0011	CY	#78 (3/32" To 1/2") Stone Aggregate Fill	56.80	
		For Up To 8, Add	*11.36*	
		For >8 To 16, Add	*5.68*	
		For >48 To 64, Deduct	*-3.86*	
		For >64 To 96, Deduct	*-6.70*	
		For >96 To 168, Deduct	*-9.54*	
		For >168 To 240, Deduct	*-11.47*	
		For >240, Deduct	*-13.40*	
31 05 16 00-0012	CY	#8 (3/32" To 3/8") Stone Aggregate Fill	58.93	
		For Up To 8, Add	*11.79*	
		For >8 To 16, Add	*5.89*	
		For >48 To 64, Deduct	*-3.97*	
		For >64 To 96, Deduct	*-6.91*	
		For >96 To 168, Deduct	*-9.86*	
		For >168 To 240, Deduct	*-11.84*	
		For >240, Deduct	*-13.83*	
31 05 16 00-0013	CY	#89 (1/16" To 3/8") Stone Aggregate Fill	59.52	
		For Up To 8, Add	*11.90*	
		For >8 To 16, Add	*5.95*	
		For >48 To 64, Deduct	*-4.00*	
		For >64 To 96, Deduct	*-6.97*	
		For >96 To 168, Deduct	*-9.95*	
		For >168 To 240, Deduct	*-11.95*	
		For >240, Deduct	*-13.94*	
31 05 16 00-0014	CY	#9 (3/32" To 3/16") Stone Aggregate Fill	58.93	
		For Up To 8, Add	*11.79*	
		For >8 To 16, Add	*5.89*	
		For >48 To 64, Deduct	*-3.97*	
		For >64 To 96, Deduct	*-6.91*	
		For >96 To 168, Deduct	*-9.86*	
		For >168 To 240, Deduct	*-11.84*	
		For >240, Deduct	*-13.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 05 16 00-0015	CY	#10 (1/16" To 3/16") Stone Aggregate Fill	60.15	
		For Up To 8, Add	*12.03*	
		For >8 To 16, Add	*6.02*	
		For >48 To 64, Deduct	*-4.03*	
		For >64 To 96, Deduct	*-7.04*	
		For >96 To 168, Deduct	*-10.04*	
		For >168 To 240, Deduct	*-12.06*	
		For >240, Deduct	*-14.07*	
31 05 16 00-0016	CY	#610 (1/16" To 3/4") Modified Stone Aggregate Fill	59.52	
		For Up To 8, Add	*11.90*	
		For >8 To 16, Add	*5.95*	
		For >48 To 64, Deduct	*-4.00*	
		For >64 To 96, Deduct	*-6.97*	
		For >96 To 168, Deduct	*-9.95*	
		For >168 To 240, Deduct	*-11.95*	
		For >240, Deduct	*-13.94*	
31 05 16 00-0017	CY	3/16" Max Screenings Stone Aggregate Fill	50.86	
		For Up To 8, Add	*10.17*	
		For >8 To 16, Add	*5.09*	
		For >48 To 64, Deduct	*-3.56*	
		For >64 To 96, Deduct	*-6.11*	
		For >96 To 168, Deduct	*-8.65*	
		For >168 To 240, Deduct	*-10.43*	
		For >240, Deduct	*-12.21*	
31 05 16 00-0018	CY	Over 6" To 12" Stone Aggregate Fill, Random Size	54.78	
		For Up To 8, Add	*10.96*	
		For >8 To 16, Add	*5.48*	
		For >48 To 64, Deduct	*-3.76*	
		For >64 To 96, Deduct	*-6.50*	
		For >96 To 168, Deduct	*-9.24*	
		For >168 To 240, Deduct	*-11.12*	
		For >240, Deduct	*-13.00*	
31 05 16 00-0019	CY	Over 6" To 12" Graded Stone Aggregate Fill	54.78	
		For Up To 8, Add	*10.96*	
		For >8 To 16, Add	*5.48*	
		For >48 To 64, Deduct	*-3.76*	
		For >64 To 96, Deduct	*-6.50*	
		For >96 To 168, Deduct	*-9.24*	
		For >168 To 240, Deduct	*-11.12*	
		For >240, Deduct	*-13.00*	
31 05 16 00-0020	CY	3" To 7" Surge Stone Aggregate Fill, Random Size	58.69	
		For Up To 8, Add	*11.74*	
		For >8 To 16, Add	*5.87*	
		For >48 To 64, Deduct	*-3.95*	
		For >64 To 96, Deduct	*-6.89*	
		For >96 To 168, Deduct	*-9.82*	
		For >168 To 240, Deduct	*-11.80*	
		For >240, Deduct	*-13.78*	
31 05 16 00-0021	CY	3" To 7" Surge Stone Graded Aggregate Fill	61.47	
		For Up To 8, Add	*12.29*	
		For >8 To 16, Add	*6.15*	
		For >48 To 64, Deduct	*-4.09*	
		For >64 To 96, Deduct	*-7.17*	
		For >96 To 168, Deduct	*-10.24*	
		For >168 To 240, Deduct	*-12.29*	
		For >240, Deduct	*-14.33*	
31 05 16 00-0022	CY	2-1/2" Minus Crusher Run Aggregate Fill	37.24	
		For Up To 8, Add	*7.45*	
		For >8 To 16, Add	*3.72*	
		For >48 To 64, Deduct	*-2.88*	
		For >64 To 96, Deduct	*-4.74*	
		For >96 To 168, Deduct	*-6.61*	
		For >168 To 240, Deduct	*-8.05*	
		For >240, Deduct	*-9.49*	
31 05 16 00-0023	CY	1-1/2" Minus Crusher Run Aggregate Fill	40.31	
		For Up To 8, Add	*8.06*	
		For >8 To 16, Add	*4.03*	
		For >48 To 64, Deduct	*-3.04*	
		For >64 To 96, Deduct	*-5.05*	
		For >96 To 168, Deduct	*-7.07*	
		For >168 To 240, Deduct	*-8.58*	
		For >240, Deduct	*-10.10*	
31 05 16 00-0024	CY	3/4" Minus Crusher Run Aggregate Fill	38.32	
		For Up To 8, Add	*7.66*	
		For >8 To 16, Add	*3.83*	
		For >48 To 64, Deduct	*-2.94*	
		For >64 To 96, Deduct	*-4.85*	
		For >96 To 168, Deduct	*-6.77*	
		For >168 To 240, Deduct	*-8.24*	
		For >240, Deduct	*-9.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 05 16 00-0025	CY	Miscellaneous Crushed Base, Processed Concrete, Paving	70.88	
		For Up To 8, Add	*14.18*	
		For >8 To 16, Add	*7.09*	
		For >48 To 64, Deduct	*-4.56*	
		For >64 To 96, Deduct	*-8.11*	
		For >96 To 168, Deduct	*-11.65*	
		For >168 To 240, Deduct	*-13.93*	
		For >240, Deduct	*-16.22*	

31 05 36 Equipment Delivery, Pickup, Mobilization and Demobilization *(31 05)*

See CSI section 01 71 13 00-0001 for equipment delivery, pickup, mobilization and demobilization.

31 10 Site Clearing *(31)*

31 11 Clearing and Grubbing *(31 10)*

31 11 00 00-0001 Clear And Grub Roots And Stumps *(31 11)*

Note: Tree diameter (diameter at breast height) is the diameter of the tree trunk measured at 4.5' above ground level. Based on tree density (light, medium or heavy) to be removed. Excludes loading. See CSI section 31 13 13 00-0001 for small areas or individual trees removal.

31 11 00 00-0002	ACR	Clear And Grub Light Trees Up To 6" Diameter, Cut And Chip Note: Includes grub and removal of stump	8,718.71
31 11 00 00-0003	ACR	Clear And Grub Light Stumps Only Up To 6" Diameter	2,643.66
31 11 00 00-0004	ACR	Clear And Grub Medium Trees Up To 10" Diameter, Cut And Chip Note: Includes grub and removal of stump	11,624.94
31 11 00 00-0005	ACR	Clear And Grub Medium Stumps Only Up To 10" Diameter	4,406.09
31 11 00 00-0006	ACR	Clear And Grub Heavy Trees Up To 16" Diameter, Cut And Chip Note: Includes grub and removal of stump	15,984.31
31 11 00 00-0007	ACR	Clear And Grub Heavy Stumps Only Up To 16" Diameter	6,609.14
31 11 00 00-0008	ACR	Clear And Grub Heavy Trees Up To 24" Diameter, Cut And Chip Note: Includes grub and removal of stump	23,249.90
31 11 00 00-0009	ACR	Clear And Grub Heavy Stumps Only Up To 24" Diameter	9,252.79
31 11 00 00-0010	ACR	Clearing By Machine - Light Brush Without Grub	393.01
31 11 00 00-0011	ACR	Clearing By Machine - Medium Brush Without Grub	814.85
31 11 00 00-0012	ACR	Clearing By Machine - Heavy Brush Without Grub	1,162.77
31 11 00 00-0013	ACR	Chipping - Light Brush	3,100.54
31 11 00 00-0014	ACR	Chipping - Medium Brush	3,986.61
31 11 00 00-0015	ACR	Chipping - Heavy Brush	5,581.76

31 11 00 00-0016 Loading Of Cleared And Grubbed Material *(31 11)*

See CSI section 01 74 19 00-0040 for hauling.

31 11 00 00-0017	CY	Machine Loading Of Cleared And Grubbed Material	13.55
31 11 00 00-0018	CY	Chute Loading Of Cleared And Grubbed Material	16.27
31 11 00 00-0019	CY	Hand Loading Of Cleared And Grubbed Material	47.55
31 11 00 00-0020	CY	Wheel And Ramp Loading Of Cleared And Grubbed Material	37.36

31 13 Selective Tree and Shrub Removal and Trimming *(31 10)*

31 13 13 Selective Tree and Shrub Removal *(31 13)*

31 13 13 00-0001 Individual Tree Removal *(31 13 13)*

Note: Includes sawing and chipping branches. Tree diameter, D.B.H. (Diameter At Breast Height) is the diameter of the tree trunk measured at 4.5' above ground elevation. Excludes stump removal or grinding.

31 13 13 00-0002	EA	Up To 6" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	726.56
		For >4 To 10, Deduct	*-43.59*
		For >10 To 25, Deduct	*-90.82*
		For >25, Deduct	*-136.23*
31 13 13 00-0003	EA	>6" To 12" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	1,089.84
		For >4 To 10, Deduct	*-65.39*
		For >10 To 25, Deduct	*-136.23*
		For >25, Deduct	*-204.35*
31 13 13 00-0004	EA	>12" To 24" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	1,453.12
		For >4 To 10, Deduct	*-87.19*
		For >25, Deduct	*-272.46*
31 13 13 00-0005	EA	>24" To 36" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	2,179.68
		For >4 To 10, Deduct	*-130.78*
		For >25, Deduct	*-408.69*
31 13 13 00-0006	EA	>36" To 48" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	2,906.24
		For >4 To 10, Deduct	*-174.37*
		For >25, Deduct	*-544.92*

31 13 13 00-0007 Stump Removal *(31 13 13)*

Note: Measured by diameter of stump.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 13 13 00-0008		**Stump Removal By Machine** *(31 13 13 00-0007)*		
31 13 13 00-0009	EA	Up To 6" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	132.18	
		For >10, Deduct	*-19.83*	
31 13 13 00-0010	EA	>6" To 12" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	253.35	
		For >10, Deduct	*-38.00*	
31 13 13 00-0011	EA	>12" To 24" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	330.46	
		For >10, Deduct	*-49.57*	
31 13 13 00-0012	EA	>24" To 36" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	495.69	
		For >10, Deduct	*-74.35*	
31 13 13 00-0013	EA	>36" To 48" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	583.85	
		For >10, Deduct	*-87.58*	
31 13 13 00-0014		**Stump Removal By Hand** *(31 13 13 00-0007)*		
31 13 13 00-0015	EA	Up To 6" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	778.58	
31 13 13 00-0016	EA	>6" To 12" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	973.22	
31 13 13 00-0017	EA	>12" To 24" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	1,427.39	
31 13 13 00-0018	EA	>24" To 36" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	1,946.44	
31 13 13 00-0019	EA	>36" To 48" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	2,595.25	
31 13 13 00-0020		**Stump Grinding** *(31 13 13)* Note: Measured by diameter of stump.		
31 13 13 00-0021		**Stump Grinding, 18" Deep Below Surface Of Soil** *(31 13 13 00-0020)* Note: Level soil to match existing surface area.		
31 13 13 00-0022	EA	Stump Grinding Up To 6" Tree	142.81	
		For 24" Depth, Add	*28.56*	
		For >10, Deduct	*-17.85*	
31 13 13 00-0023	EA	Stump Grinding >6" To 12" Tree	178.52	
		For 24" Depth, Add	*35.70*	
		For >10, Deduct	*-22.32*	
31 13 13 00-0024	EA	Stump Grinding >12" To 15" Tree	214.22	
		For 24" Depth, Add	*42.84*	
		For >10, Deduct	*-26.78*	
31 13 13 00-0025	EA	Stump Grinding >15" To 18" Tree	238.02	
		For 24" Depth, Add	*47.60*	
		For >10, Deduct	*-29.75*	
31 13 13 00-0026	EA	Stump Grinding >18" To 21" Tree	255.87	
		For 24" Depth, Add	*51.17*	
		For >10, Deduct	*-31.98*	
31 13 13 00-0027	EA	Stump Grinding >21" To 24" Tree	273.72	
		For 24" Depth, Add	*54.74*	
		For >10, Deduct	*-34.22*	
31 13 13 00-0028	EA	Stump Grinding >24" To 27" Tree	297.52	
		For 24" Depth, Add	*59.50*	
		For >10, Deduct	*-37.19*	
31 13 13 00-0029	EA	Stump Grinding >27" To 30" Tree	324.31	
		For 24" Depth, Add	*64.86*	
		For >10, Deduct	*-40.54*	
31 13 13 00-0030	EA	Stump Grinding >30" To 33" Tree	360.34	
		For 24" Depth, Add	*72.07*	
		For >10, Deduct	*-45.04*	
31 13 13 00-0031	EA	Stump Grinding >33" To 36" Tree	396.38	
		For 24" Depth, Add	*79.28*	
		For >10, Deduct	*-49.55*	
31 13 13 00-0032	EA	Stump Grinding >36" To 42" Tree	432.42	
		For 24" Depth, Add	*86.48*	
		For >10, Deduct	*-54.05*	
31 13 13 00-0033	EA	Stump Grinding >42" To 48" Tree	480.46	
		For 24" Depth, Add	*96.09*	
		For >10, Deduct	*-60.06*	
31 13 13 00-0034		**Shrub Removal** *(31 13 13)*		
31 13 13 00-0035	EA	Removal Of 18" To 24" Shrub, Broadleaf Evergreen	55.78	
		For >4 To 10, Deduct	*-3.35*	
		For >10 To 25, Deduct	*-6.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 13 13 00-0036	EA	Removal Of 2' To 3' Shrub, Broadleaf Evergreen	87.48	
		For >4 To 10, Deduct	*-5.25*	
		For >10 To 25, Deduct	*-10.94*	
31 13 13 00-0037	EA	Removal Of 3' To 4' Shrub, Broadleaf Evergreen	101.44	
		For >4 To 10, Deduct	*-6.09*	
		For >10 To 25, Deduct	*-12.68*	
31 13 13 00-0038	EA	Removal Of 4' To 5' Shrub, Broadleaf Evergreen	152.15	
		For >4 To 10, Deduct	*-9.13*	
		For >10 To 25, Deduct	*-19.02*	
31 13 13 00-0039	EA	Removal Of 12" To 15" Shrub, Deciduous	27.89	
		For >4 To 10, Deduct	*-1.67*	
		For >10 To 25, Deduct	*-3.49*	
31 13 13 00-0040	EA	Removal Of 18" To 24" Shrub, Deciduous	43.11	
		For >4 To 10, Deduct	*-2.59*	
		For >10 To 25, Deduct	*-5.39*	
31 13 13 00-0041	EA	Removal Of 2' To 3' Shrub, Deciduous	55.79	
		For >4 To 10, Deduct	*-3.35*	
		For >10 To 25, Deduct	*-6.97*	
31 13 13 00-0042	EA	Removal Of 3' To 4' Shrub, Deciduous	60.85	
		For >4 To 10, Deduct	*-3.65*	
		For >10 To 25, Deduct	*-7.61*	
31 13 13 00-0043	EA	Removal Of 18" To 24" Shrub, Evergreen	55.78	
		For >4 To 10, Deduct	*-3.35*	
		For >10 To 25, Deduct	*-6.97*	
31 13 13 00-0044	EA	Removal Of 24" To 30" Shrub, Evergreen	60.85	
		For >4 To 10, Deduct	*-3.65*	
		For >10 To 25, Deduct	*-7.61*	
31 13 13 00-0045	EA	Removal Of 30" To 36" Shrub, Evergreen	87.48	
		For >4 To 10, Deduct	*-5.25*	
		For >10 To 25, Deduct	*-10.94*	
31 13 13 00-0046	EA	Removal Of 36" To 42" Shrub, Evergreen	152.15	
		For >4 To 10, Deduct	*-9.13*	
		For >10 To 25, Deduct	*-19.02*	

31 13 13 00-0047 Fallen Tree Removal *(31 13 13)*

Note: Includes sawing and chipping branches. Tree diameter, D.B.H. (Diameter At Breast Height) is the diameter of the tree trunk measured at 4.5' above ground elevation. Excludes stump removal or grinding. Excludes removing tree from ground.

31 13 13 00-0048	EA	Up To 6" D.B.H. (Diameter At Breast Height) Fallen Tree Removal Note: Includes cutting up tree, chipping and loading.	581.25	
		For >4 To 10, Deduct	*-34.88*	
		For >10 To 25, Deduct	*-72.66*	
		For >25, Deduct	*-108.98*	
		For Tree Removal Without Chipping Or Cutting Up Tree Into Smaller Pieces, Deduct	*-145.31*	
31 13 13 00-0049	EA	>6" To 12" D.B.H. (Diameter At Breast Height) Fallen Tree Removal Note: Includes cutting up tree, chipping and loading.	871.87	
		For >4 To 10, Deduct	*-52.31*	
		For >10 To 25, Deduct	*-108.98*	
		For >25, Deduct	*-163.48*	
		For Tree Removal Without Chipping Or Cutting Up Tree Into Smaller Pieces, Deduct	*-217.97*	
31 13 13 00-0050	EA	>12" To 24" D.B.H. (Diameter At Breast Height) Fallen Tree Removal Note: Includes cutting up tree, chipping and loading.	1,162.49	
		For >4 To 10, Deduct	*-69.75*	
		For >10 To 25, Deduct	*-145.31*	
		For >25, Deduct	*-217.97*	
		For Tree Removal Without Chipping Or Cutting Up Tree Into Smaller Pieces, Deduct	*-290.62*	
31 13 13 00-0051	EA	>24" To 36" D.B.H. (Diameter At Breast Height) Fallen Tree Removal Note: Includes cutting up tree, chipping and loading.	1,743.74	
		For >4 To 10, Deduct	*-104.62*	
		For >10 To 25, Deduct	*-217.97*	
		For >25, Deduct	*-326.95*	
		For Tree Removal Without Chipping Or Cutting Up Tree Into Smaller Pieces, Deduct	*-435.94*	
31 13 13 00-0052	EA	>36" To 48" D.B.H. (Diameter At Breast Height) Fallen Tree Removal Note: Includes cutting up tree, chipping and loading.	2,324.99	
		For >4 To 10, Deduct	*-139.50*	
		For >10 To 25, Deduct	*-290.62*	
		For >25, Deduct	*-435.94*	
		For Tree Removal Without Chipping Or Cutting Up Tree Into Smaller Pieces, Deduct	*-581.25*	
31 13 13 00-0053	EA	>48" To 60" D.B.H. (Diameter At Breast Height) Fallen Tree Removal Note: Includes cutting up tree, chipping and loading.	2,906.24	
		For >4 To 10, Deduct	*-174.37*	
		For >10 To 25, Deduct	*-363.28*	
		For >25, Deduct	*-544.92*	
		For Tree Removal Without Chipping Or Cutting Up Tree Into Smaller Pieces, Deduct	*-726.56*	

31 13 16 Selective Tree and Shrub Trimming *(31 13)*

See CSI section 32 01 90 23-0000 for tree pruning.

31 13 16 00-0001 Tree Trimming For Pole Line Construction And Maintenance *(31 13 16)*

Note: Area to be vertical cleared (including overhanging limbs) is minimum 20' wide (10' each side of structure) and 16' above ground. All materials to 6" D.B.H. (Diameter At Breast Height) to be chipped in place. Larger material may be chipped or disposed. Trees greater than 18" diameter use individual tree removal tasks. Quantity based on running foot of power line to be cleared.

31 13 16 00-0002	LF	Tree Trimming, Light Cutting To 6" Diameter For Pole Line Construction	2.36	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 13 16 00-0003	LF	Tree Trimming, Medium Cutting >6" To 12" Diameter For Pole Line Construction	3.54	
31 13 16 00-0004	LF	Tree Trimming, Heavy Cutting >12" To 18" Diameter For Pole Line Construction	4.16	

31 13 16 00-0005 Tree Branch Trimming And Removal For Maintenance Along Building Or Structure *(31 13 16)*

Note: Includes pick-up and placement of cut branches into chipper for removal. Excludes transportation from site or disposal fee. See CSI section 01 22 23 00-0105 for bucket truck where required for additional height.

31 13 16 00-0006	EA	Minimum Charge For Trim Tree Branch	872.14	
31 13 16 00-0007	EA	Up To 1" Diameter Branch, Up To 5' Length And Up To 10' From Ground, Trim Tree Branch From Building Or Structure	21.80	
31 13 16 00-0008	EA	>1" To 2" Diameter Branch, Up To 5' Length And Up To 10' From Ground, Trim Tree Branch From Building Or Structure	24.53	
31 13 16 00-0009	EA	>2" To 3" Diameter Branch, Up To 5' Length And Up To 10' From Ground, Trim Tree Branch From Building Or Structure	29.98	
31 13 16 00-0010	EA	Up To 1" Diameter Branch, >5' To 10' Length And Up To 10' From Ground, Trim Tree Branch From Building Or Structure	27.26	
31 13 16 00-0011	EA	>1" To 2" Diameter Branch, >5' To 10' Length And Up To 10' From Ground, Trim Tree Branch From Building Or Structure	30.66	
31 13 16 00-0012	EA	>2" To 3" Diameter Branch, >5' To 10' Length And Up To 10' From Ground, Trim Tree Branch From Building Or Structure	37.48	

31 20 Earth Moving *(31)*

Note: Per OSHA -Soil Classification - 1926 Subpart P App A. Light material: Class A site material, normally referred to as "easy digging". Consisting of loose, soft, free running materials. Close lying, which will fill blade, digger or bucket to capacity, and frequently provide a heaped load. Materials such as dry sand, small gravel, unpacked earth, loam, etc., would fall into this category. Medium material: Class B site material, normally referred to as "medium and tough, wet and sticky clay would be examples of this medium digging", consisting of harder materials that are not difficult to dig without assistance such as ripping, blasting, etc. Material break up with some bulkiness causing voids in digger or bucket. Materials such as packed earth, common earth with some clay, soil with less than 25% rock content would be examples of this category. Heavy/wet material: Class C site material, normally referred to as "hard digging", consisting of materials which may require some assistance in breaking up. Bulky and somewhat hard to penetrate materials would be found in this category and voids in dipper or bucket would be common. Materials such as very hard packed soil, with up to 50% to 70% rock content and hard category. Soil conditions will be determined by soil analysis to provide appropriate percentage (%) for the various types of soil conditions. Apply the percentages to the various soil types to generate an appropriate representation of the soil condition.

31 22 Grading *(31 20)*

31 22 13 Rough Grading *(31 22)*

See CSI section 31 23 16 00-0000 for rough grading.

31 22 16 Fine Grading *(31 22)*

31 22 16 13 Roadway Subgrade Reshaping *(31 22 16)*

See CSI section 31 23 16 00-0000 for bulk shaping and grading, 31 24 13 00-0000 for roadway shaping and grading.

31 22 19 Finish Grading *(31 22)*

31 22 19 13 Spreading and Grading Topsoil *(31 22 19)*

31 22 19 13-0001 Site Grading For Areas Outside Of Structures And Slabs *(31 22 19 13)*

Note: Use of bobcat type equipment or hand for finish grading for positive drainage.

31 22 19 13-0002 Hand Digging And Grading *(31 22 19 13-0001)*

31 22 19 13-0003	SF	Trim And Shape Machine Excavated Area By Hand Finish Grade	1.30	
31 22 19 13-0004	SF	Trim And Shape Area On Grade By Hand, Finish Grade	1.19	
31 22 19 13-0005	SF	Fine Grade Gravel Bedding By Hand Finish Grade	1.24	
31 22 19 13-0006	SF	Fine Grade Gravel By Hand Finish Grade	1.04	

31 22 19 13-0007 Machine Operations *(31 22 19 13-0001)*

31 22 19 13-0008 Machine Operations With Grader *(31 22 19 13-0007)*

31 22 19 13-0009	CSY	Semi-Grade, 2 Passes With Grader	500.95	
31 22 19 13-0010	CSY	Fine Grade, 3 Passes With Grader	695.76	

31 23 Excavation and Fill *(31 20)*

31 23 16 Excavation *(31 23)*

31 23 16 13 Trenching *(31 23 16)*

Note: Use this section for trenching operations even if the total project volume exceeds 500 CY. Use tasks for work by hand only for areas not accessible by machine.

31 23 16 13-0001 Excavation For Trenching By Machine *(31 23 16 13)*

Note: Includes stockpiling excess materials and trimming sides and bottom of trench.

31 23 16 13-0002	CY	12" Wide or Less, Excavation for Trenching by Machine in Soil	13.17	
		For Up To 20, Add	*13.17*	
		For >20 To 50, Add	*9.88*	
		For >50 To 250, Add	*5.27*	
		For Excavation In Light Material (Class A), Deduct	*-1.65*	
		For Excavation In Heavy/Wet Material (Class C), Add	*5.27*	
		For >250 To 500, Add	*1.98*	
		For >1,000, Deduct	*-1.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 13-0003	CY	Over 12" Wide, Excavation for Trenching by Machine in Soil	8.48	
		For Up To 20, Add	*8.48*	
		For >20 To 50, Add	*6.36*	
		For >50 To 250, Add	*3.39*	
		For Excavation In Light Material (Class A), Deduct	*-1.06*	
		For Excavation In Heavy/Wet Material (Class C), Add	*3.39*	
		For >250 To 500, Add	*1.27*	
		For >1,000, Deduct	*-1.27*	
31 23 16 13-0004	CY	12" Wide or Less, Excavation for Trenching by Machine in Loose Rock Note: Includes compacted aggregate	21.80	
		For Up To 20, Add	*21.80*	
		For >20 To 50, Add	*16.35*	
		For >50 To 250, Add	*8.72*	
		For >250 To 500, Add	*3.27*	
		For >1,000, Deduct	*-3.27*	
31 23 16 13-0005	CY	Over 12" Wide, Excavation for Trenching by Machine in Loose Rock Note: Includes compacted aggregate	15.08	
		For Up To 20, Add	*15.08*	
		For >20 To 50, Add	*11.31*	
		For >50 To 250, Add	*6.03*	
		For >250 To 500, Add	*2.26*	
		For >1,000, Deduct	*-2.26*	

31 23 16 13-0006 Excavation For Trenching By Hand *(31 23 16 13)*

31 23 16 13-0007	CY	Excavation For Trenching By Hand In Soil Note: Includes stockpiling excess materials and trimming sides and bottom of trench.	156.92	
31 23 16 13-0008	CY	Excavation For Trenching By Hand In Loose Rock Or Compacted Aggregate Note: Includes stockpiling excess materials and trimming sides and bottom of trench.	269.18	
31 23 16 13-0009	SF	Trim Bottom Of Excavation Hand Labor Note: For use with machine excavation.	1.22	
31 23 16 13-0010	SF	Trim Slopes/Sides Of Excavation Hand Labor Note: For use with machine excavation.	1.40	

31 23 16 13-0011 Backfilling Or Placing Subbase For Trenches *(31 23 16 13)*

Note: With imported or stockpiled materials.

31 23 16 13-0012	CY	Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Machine	4.84	
		For Up To 20, Add	*4.84*	
		For >20 To 50, Add	*3.63*	
		For >50 To 250, Add	*1.94*	
		For >250 To 500, Add	*0.73*	
		For >1,000, Deduct	*-0.73*	
31 23 16 13-0013	CY	Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Hand	43.59	

31 23 16 13-0014 Compaction Of Fill Or Subbase For Trenches *(31 23 16 13)*

Note: Includes restoration of final grade.

31 23 16 13-0015	CY	Compaction of Fill or Subbase for Trenches by Vibratory Plate, Air Tamper, etc.	9.09	
		For Up To 20, Add	*9.09*	
		For >20 To 50, Add	*6.82*	
		For >50 To 250, Add	*3.64*	
		For >250 To 500, Add	*1.36*	
		For >1,000, Deduct	*-1.36*	
31 23 16 13-0016	CY	Compaction of Fill or Subbase for Trenches by Hand	49.17	

31 23 16 13-0017 Loading Excess Material For Removal From Excavation For Trenches *(31 23 16 13)*

Note: Includes handwork by laborer for cleanup. Not to be used when excavated material can be loaded directly into truck instead of stockpiling. See CSI section 01 74 19 00-0040 for hauling.

31 23 16 13-0018	CY	Load Excess Material by Machine for Removal from Excavation for Trenching	8.41	
		For Up To 20, Add	*8.41*	
		For >20 To 50, Add	*6.31*	
		For >50 To 250, Add	*3.36*	
		For >250 To 500, Add	*1.26*	
		For >1,000, Deduct	*-1.26*	
31 23 16 13-0019	CY	Load Excess Material by Hand for Removal from Excavation for Trenching	115.07	

31 23 16 13-0020 Spread Excess Or Imported Material For Trenches *(31 23 16 13)*

Note: Includes hand work by laborer for cleanup.

31 23 16 13-0021	CY	Spread Excess Or Imported Material On Site With Machine	3.98	
		For Up To 20, Add	*3.98*	
		For >20 To 50, Add	*2.99*	
		For >50 To 250, Add	*1.59*	
		For >250 To 500, Add	*0.60*	
		For >1,000, Deduct	*-0.60*	

31 23 16 13-0022 Direct Burial (Plowed-in) Cable Or Piping By Machine *(31 23 16 13)*

Note: Includes trench, backfill, compaction and restoration of final grade.

31 23 16 13-0023	LF	Direct Burial of Cable or Piping up to 12" Deep	2.96	
31 23 16 13-0024	LF	Direct Burial of Cable or Piping >12" to 24" Deep	3.25	
31 23 16 13-0025	LF	Direct Burial of Cable or Piping >24" to 36" Deep	4.62	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 13-0026	LF	Direct Burial of Cable or Piping >36" to 48" Deep	5.22	

31 23 16 13-0027 Utility Chain Trencher *(31 23 16 13)*

31 23 16 13-0028 Utility Trench, Chain Trencher *(31 23 16 13-0027)*

Note: Earth left adjacent to trench.

31 23 16 13-0029	LF	4" Wide, 12" Deep Trench, Medium Soil, Chain Trencher	1.63	
		For >100 To 250, Deduct	*-0.11*	
		For >250 To 500, Deduct	*-0.24*	
		For >500, Deduct	*-0.49*	
31 23 16 13-0030	LF	4" Wide, 18" Deep Trench, Medium Soil, Chain Trencher	1.78	
		For >100 To 250, Deduct	*-0.12*	
		For >250 To 500, Deduct	*-0.27*	
		For >500, Deduct	*-0.53*	
31 23 16 13-0031	LF	4" Wide, 24" Deep Trench, Medium Soil, Chain Trencher	1.85	
		For >100 To 250, Deduct	*-0.13*	
		For >250 To 500, Deduct	*-0.28*	
		For >500, Deduct	*-0.56*	
31 23 16 13-0032	LF	6" Wide, 12" Deep Trench, Medium Soil, Chain Trencher	1.96	
		For >100 To 250, Deduct	*-0.14*	
		For >250 To 500, Deduct	*-0.29*	
		For >500, Deduct	*-0.59*	
31 23 16 13-0033	LF	6" Wide, 18" Deep Trench, Medium Soil, Chain Trencher	2.14	
		For >100 To 250, Deduct	*-0.15*	
		For >250 To 500, Deduct	*-0.32*	
		For >500, Deduct	*-0.64*	
31 23 16 13-0034	LF	6" Wide, 24" Deep Trench, Medium Soil, Chain Trencher	2.43	
		For >100 To 250, Deduct	*-0.17*	
		For >250 To 500, Deduct	*-0.36*	
		For >500, Deduct	*-0.73*	
31 23 16 13-0035	LF	6" Wide, 36" Deep Trench, Medium Soil, Chain Trencher	2.92	
		For >100 To 250, Deduct	*-0.20*	
		For >250 To 500, Deduct	*-0.44*	
		For >500, Deduct	*-0.88*	
31 23 16 13-0036	LF	8" Wide, 12" Deep Trench, Medium Soil, Chain Trencher	2.77	
		For >100 To 250, Deduct	*-0.19*	
		For >250 To 500, Deduct	*-0.42*	
		For >500, Deduct	*-0.83*	
31 23 16 13-0037	LF	8" Wide, 18" Deep Trench, Medium Soil, Chain Trencher	3.25	
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.49*	
		For >500, Deduct	*-0.98*	
31 23 16 13-0038	LF	8" Wide, 24" Deep Trench, Medium Soil, Chain Trencher	3.69	
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.55*	
		For >500, Deduct	*-1.11*	
31 23 16 13-0039	LF	8" Wide, 36" Deep Trench, Medium Soil, Chain Trencher	4.38	
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.66*	
		For >500, Deduct	*-1.31*	

31 23 16 13-0040 Backfill Trenches With Compaction *(31 23 16 13-0027)*

31 23 16 13-0041	LF	Backfill 4" Wide, 12" Deep Trench, With Compaction	0.26	
		For >100 To 250, Deduct	*-0.02*	
		For >250 To 500, Deduct	*-0.04*	
		For >500, Deduct	*-0.08*	
31 23 16 13-0042	LF	Backfill 4" Wide, 18" Deep Trench, With Compaction	0.40	
		For >100 To 250, Deduct	*-0.03*	
		For >250 To 500, Deduct	*-0.06*	
		For >500, Deduct	*-0.12*	
31 23 16 13-0043	LF	Backfill 4" Wide, 24" Deep Trench, With Compaction	0.52	
		For >100 To 250, Deduct	*-0.04*	
		For >250 To 500, Deduct	*-0.08*	
		For >500, Deduct	*-0.16*	
31 23 16 13-0044	LF	Backfill 6" Wide, 12" Deep Trench, With Compaction	0.40	
		For >100 To 250, Deduct	*-0.03*	
		For >250 To 500, Deduct	*-0.06*	
		For >500, Deduct	*-0.12*	
31 23 16 13-0045	LF	Backfill 6" Wide, 18" Deep Trench, With Compaction	0.52	
		For >100 To 250, Deduct	*-0.04*	
		For >250 To 500, Deduct	*-0.08*	
		For >500, Deduct	*-0.16*	
31 23 16 13-0046	LF	Backfill 6" Wide, 24" Deep Trench, With Compaction	0.79	
		For >100 To 250, Deduct	*-0.06*	
		For >250 To 500, Deduct	*-0.12*	
		For >500, Deduct	*-0.24*	
31 23 16 13-0047	LF	Backfill 6" Wide, 36" Deep Trench, With Compaction	1.13	
		For >100 To 250, Deduct	*-0.08*	
		For >250 To 500, Deduct	*-0.17*	
		For >500, Deduct	*-0.34*	
31 23 16 13-0048	LF	Backfill 8" Wide, 12" Deep Trench, With Compaction	0.52	
		For >100 To 250, Deduct	*-0.04*	
		For >250 To 500, Deduct	*-0.08*	
		For >500, Deduct	*-0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 13-0049	LF	Backfill 8" Wide, 18" Deep Trench, With Compaction	0.79	
		For >100 To 250, Deduct	*-0.06*	
		For >250 To 500, Deduct	*-0.12*	
		For >500, Deduct	*-0.24*	
31 23 16 13-0050	LF	Backfill 8" Wide, 24" Deep Trench, With Compaction	1.06	
		For >100 To 250, Deduct	*-0.07*	
		For >250 To 500, Deduct	*-0.16*	
		For >500, Deduct	*-0.32*	
31 23 16 13-0051	LF	Backfill 8" Wide, 36" Deep Trench, With Compaction	1.58	
		For >100 To 250, Deduct	*-0.11*	
		For >250 To 500, Deduct	*-0.24*	
		For >500, Deduct	*-0.47*	

31 23 16 16 Structural Excavation for Minor Structures *(31 23 16)*

31 23 16 16-0001 Post Holes *(31 23 16 16)*

Note: Excludes spreading of excess material on site or loading and removal of excavated material from site.

31 23 16 16-0002 Drilling Post Hole In Soil *(31 23 16 16-0001)*

Note: Auger by machine unless otherwise notified by owner.

31 23 16 16-0003	VLF	Up To 2-1/2" Diameter Hole, Auger By Machine Post Hole In Soil	11.69
31 23 16 16-0004	VLF	2-1/2" Diameter Hole, Auger By Machine Post Hole In Soil	13.15
31 23 16 16-0005	VLF	3" Diameter Hole, Auger By Machine Post Hole In Soil	15.58
31 23 16 16-0006	VLF	4" Diameter Hole, Auger By Machine Post Hole In Soil	17.53
31 23 16 16-0007	VLF	6" Diameter Hole, Auger By Machine Post Hole In Soil	19.12
31 23 16 16-0008	VLF	8" Diameter Hole, Auger By Machine Post Hole In Soil	21.04
31 23 16 16-0009	VLF	10" Diameter Hole, Auger By Machine Post Hole In Soil	23.38
31 23 16 16-0010	VLF	12" Diameter Hole, Auger By Machine Post Hole In Soil	26.30
31 23 16 16-0011	VLF	18" Diameter Hole, Auger By Machine Post Hole In Soil	30.06
31 23 16 16-0012	VLF	24" Diameter Hole, Auger By Machine Post Hole In Soil	35.06
31 23 16 16-0013	VLF	30" Diameter Hole, Auger By Machine Post Hole In Soil	42.07
31 23 16 16-0014	VLF	36" Diameter Hole, Auger By Machine Post Hole In Soil	52.59

31 23 16 16-0015 Drilling Post Hole In Rock *(31 23 16 16-0001)*

31 23 16 16-0016	CF	Jackhammer Post Hole, Rock	88.03
31 23 16 16-0017	CF	Rock Drill Post Hole, Rock	25.05

31 23 16 16-0018 Post Hole Fill *(31 23 16 16-0001)*

31 23 16 16-0019 Concrete Fill *(31 23 16 16-0018)*

31 23 16 16-0020	VLF	Concrete Fill, Up To 2-1/2" Diameter Hole	6.80
31 23 16 16-0021	VLF	Concrete Fill, 2-1/2" Diameter Hole	8.75
31 23 16 16-0022	VLF	Concrete Fill, 3" Diameter Hole	9.62
31 23 16 16-0023	VLF	Concrete Fill, 4" Diameter Hole	11.01
31 23 16 16-0024	VLF	Concrete Fill, 6" Diameter Hole	15.50
31 23 16 16-0025	VLF	Concrete Fill, 8" Diameter Hole	20.70
31 23 16 16-0026	VLF	Concrete Fill, 10" Diameter Hole	25.30
31 23 16 16-0027	VLF	Concrete Fill, 12" Diameter Hole	29.49
31 23 16 16-0028	VLF	Concrete Fill, 18" Diameter Hole	40.06
31 23 16 16-0029	VLF	Concrete Fill, 24" Diameter Hole	49.61
31 23 16 16-0030	VLF	Concrete Fill, 30" Diameter Hole	58.90
31 23 16 16-0031	VLF	Concrete Fill, 36" Diameter Hole	68.53

31 23 16 16-0032 Grout Fill *(31 23 16 16-0018)*

31 23 16 16-0033	VLF	Grout Fill, Up To 2-1/2" Diameter Hole	8.10
31 23 16 16-0034	VLF	Grout Fill, 2-1/2" Diameter Hole	10.43
31 23 16 16-0035	VLF	Grout Fill, 3" Diameter Hole	11.34
31 23 16 16-0036	VLF	Grout Fill, 4" Diameter Hole	12.71
31 23 16 16-0037	VLF	Grout Fill, 6" Diameter Hole	17.74
31 23 16 16-0038	VLF	Grout Fill, 8" Diameter Hole	23.67
31 23 16 16-0039	VLF	Grout Fill, 10" Diameter Hole	28.82
31 23 16 16-0040	VLF	Grout Fill, 12" Diameter Hole	33.43
31 23 16 16-0041	VLF	Grout Fill, 18" Diameter Hole	44.60
31 23 16 16-0042	VLF	Grout Fill, 24" Diameter Hole	54.37
31 23 16 16-0043	VLF	Grout Fill, 30" Diameter Hole	63.83
31 23 16 16-0044	VLF	Grout Fill, 36" Diameter Hole	73.49

31 23 16 16-0045 Earth Fill, Compacted *(31 23 16 16-0018)*

31 23 16 16-0046	VLF	Earth Fill, Up To 2-1/2" Diameter Hole	5.82
31 23 16 16-0047	VLF	Earth Fill, 2-1/2" Diameter Hole	7.58
31 23 16 16-0048	VLF	Earth Fill, 3" Diameter Hole	7.92
31 23 16 16-0049	VLF	Earth Fill, 4" Diameter Hole	8.15
31 23 16 16-0050	VLF	Earth Fill, 6" Diameter Hole	10.90
31 23 16 16-0051	VLF	Earth Fill, 8" Diameter Hole	14.53
31 23 16 16-0052	VLF	Earth Fill, 10" Diameter Hole	17.43
31 23 16 16-0053	VLF	Earth Fill, 12" Diameter Hole	19.76
31 23 16 16-0054	VLF	Earth Fill, 18" Diameter Hole	24.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 16-0055	VLF	Earth Fill, 24" Diameter Hole	27.03	
31 23 16 16-0056	VLF	Earth Fill, 30" Diameter Hole	29.64	
31 23 16 16-0057	VLF	Earth Fill, 36" Diameter Hole	31.97	

31 23 16 33 Bulk Excavation *(31 23 16)*

Note: For excavations where the total quantity for a project is greater than 500 cubic yards. See CSI section 31 05 16 00-0000 for imported material, 31 23 16 36-0000 for less than 500 CY excavation.

31 23 16 33-0001 Excavation *(31 23 16 33)*

Note: For bulk excavation. Includes stockpiling excavated materials within 100' of point of excavation.

31 23 16 33-0002	CY	Bulk Excavation by Dozer in Soil	12.43
		For Excavation In Light Material (Class A), Deduct	*-1.55*
		For Excavation In Heavy/Wet Material (Class C), Add	*4.97*
		For >1,000, Deduct	*-1.86*
31 23 16 33-0003	CY	Bulk Excavation by Hydraulic Excavator, Front End Loader, Backhoe in Soil	6.85
		For Excavation In Light Material (Class A), Deduct	*-0.86*
		For Excavation In Heavy/Wet Material (Class C), Add	*2.74*
		For >1,000, Deduct	*-1.03*
31 23 16 33-0004	CY	Bulk Excavation by Dozer in Loose Rock Note: Includes compacted aggregate	15.29
		For >1,000, Deduct	*-2.29*
31 23 16 33-0005	CY	Bulk Excavation by Hydraulic Excavator, Front End Loader, Backhoe in Loose Rock Note: Includes compacted aggregate	8.43
		For >1,000, Deduct	*-1.26*

31 23 16 33-0006 Spreading, Shaping And Rough Grading *(31 23 16 33)*

Note: Imported or stockpiled material for bulk excavation.

31 23 16 33-0007	CY	Spreading, Shaping, and Rough Grading Imported or Stockpiled Material for Bulk Excavation by Machine	7.67
		For >1,000, Deduct	*-1.15*

31 23 16 33-0008 Cutting, Shaping and Rough Grading Of Existing Elevations *(31 23 16 33)*

31 23 16 33-0009	CY	Cutting, Shaping and Rough Grading Existing Elevations For Bulk Excavation by Machine	8.53
		For >1,000, Deduct	*-1.28*

31 23 16 33-0010 Relocating On Site Excavated Material From Excavation *(31 23 16 33)*

Note: For bulk excavation.

31 23 16 33-0011	CY	Relocating On Site Excavated Material From Bulk Excavation >100' to 300'	6.82
		For >1,000, Deduct	*-1.02*
31 23 16 33-0012	CY	Relocating On Site Excavated Material From Bulk Excavation >300' to 500'	10.24
		For >1,000, Deduct	*-1.54*
31 23 16 33-0013	CY	Relocating On Site Excavated Material From Bulk Excavation >500' To 1,000'	15.35
		For >1,000, Deduct	*-2.30*
31 23 16 33-0014	CY	Relocating On Site Excavated Material From Bulk Excavation >1,000'	20.46
		For >1,000, Deduct	*-3.07*

31 23 16 33-0015 Finish Grading For Bulk Excavation *(31 23 16 33)*

31 23 16 33-0016	SY	Finish Grading for Bulk Excavation by Machine	0.85

31 23 16 33-0017 Compaction Of Fill Or Subbase, Per Lift *(31 23 16 33)*

Note: For bulk excavation.

31 23 16 33-0018	SY	Compaction of Fill or Subbase for Bulk Excavation by Machine Note: Per Lift	0.86

31 23 16 33-0019 Loading Excess Material For Removal From Excavation *(31 23 16 33)*

Note: For bulk excavation. Includes handwork by laborer for cleanup. Not to be used when excavated material can be loaded directly into truck instead of stockpiling. See CSI section 01 74 19 00-0040 for hauling.

31 23 16 33-0020	CY	Loading Excess Material For Removal From Bulk Excavation	7.02
		For >1,000, Deduct	*-1.05*

31 23 16 36 Excavation for Building Foundations and Other Structures *(31 23 16)*

Note: Use of a Bobcat is limited to access restricted areas and by owner's approval. See CSI section 31 05 16 00-0000 for imported material, 31 23 16 33-0000 for bulk excavation operations over 500 CY.

31 23 16 36-0001 Excavation *(31 23 16 36)*

Note: For building foundations and other structures by machine. Includes stockpiling of excess materials on ground in reach of excavated area.

31 23 16 36-0002 Excavation For Building Foundations And Other Structures By Skid-Steer Loader *(31 23 16 36-0001)*

31 23 16 36-0003	CY	Excavation For Building Foundations And Other Structures By Skid-Steer Loader In Soil	11.24
		For Excavation In Light Material (Class A), Deduct	*-1.41*
		For Excavation In Heavy/Wet Material (Class C), Add	*4.50*
		For Up To 20, Add	*11.24*
		For >20 To 50, Add	*8.43*
		For >50 To 250, Add	*4.50*
		For >250 To 500, Add	*1.69*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 36-0004	CY	Excavation For Building Foundations And Other Structures By Skid-Steer Loader In Loose Rock Note: Includes compacted aggregate	13.94	
		For Up To 20, Add	*13.94*	
		For >20 To 50, Add	*10.46*	
		For >50 To 250, Add	*5.58*	
		For >250 To 500, Add	*2.09*	

31 23 16 36-0005 Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader *(31 23 16 36-0001)*

31 23 16 36-0006	CY	Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader in Soil	8.23	
		For Excavation In Light Material (Class A), Deduct	*-1.03*	
		For Excavation In Heavy/Wet Material (Class C), Add	*3.29*	
		For Up To 20, Add	*8.23*	
		For >20 To 50, Add	*6.17*	
		For >50 To 250, Add	*3.29*	
		For >250 To 500, Add	*1.23*	
31 23 16 36-0007	CY	Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader in Loose Rock Note: Includes compacted aggregate	9.79	
		For Up To 20, Add	*9.79*	
		For >20 To 50, Add	*7.34*	
		For >50 To 250, Add	*3.92*	
		For >250 To 500, Add	*1.47*	

31 23 16 36-0008 Excavation For Building Foundations And Other Structures By Hand *(31 23 16 36-0001)*

Note: For areas not accessible by machine and only with owner's approval.

31 23 16 36-0009	CY	Excavation For Building Foundations And Other Structures By Hand in Soil	156.92	
		For Excavation In Light Material (Class A), Deduct	*-19.62*	
		For Excavation In Heavy/Wet Material (Class C), Add	*62.77*	
31 23 16 36-0010	CY	Excavation For Building Foundations And Other Structures By Hand in Loose Rock Note: Includes compacted aggregate	269.18	

31 23 16 36-0011 Relocating On Site Excavated Stockpiled Material From Excavation *(31 23 16 36)*

Note: For building foundations and other structures.

31 23 16 36-0012	CY	Relocating On Site Excavated Stockpiled Material With Dozer From Excavation For Building Foundations and Other Structures >100' to 300'	6.82	
		For Up To 20, Add	*6.82*	
		For >20 To 50, Add	*5.12*	
		For >50 To 250, Add	*2.73*	
		For >250 To 500, Add	*1.02*	
31 23 16 36-0013	CY	Relocating On Site Excavated Stockpiled Material With Dozer From Excavation For Building Foundations and Other Structures >300' to 500'	10.24	
		For Up To 20, Add	*10.24*	
		For >20 To 50, Add	*7.68*	
		For >50 To 250, Add	*4.10*	
		For >250 To 500, Add	*1.54*	
31 23 16 36-0014	CY	Relocating On Site Excavated Stockpiled Material With Dozer From Excavation For Building Foundations and Other Structures >500' to 1,000'	15.35	
		For Up To 20, Add	*15.35*	
		For >20 To 50, Add	*11.51*	
		For >50 To 250, Add	*6.14*	
		For >250 To 500, Add	*2.30*	
31 23 16 36-0015	CY	Relocating On Site Excavated Stockpiled Material With Dozer From Excavation For Building Foundations and Other Structures >1,000'	20.46	
		For Up To 20, Add	*20.46*	
		For >20 To 50, Add	*15.35*	
		For >50 To 250, Add	*8.18*	
		For >250 To 500, Add	*3.07*	

31 23 16 36-0016 Backfilling *(31 23 16 36)*

Note: For building foundations and other structures with imported or stockpiled materials. Includes rough grading each backfill lift.

31 23 16 36-0017	CY	Backfilling Around Building Foundations And Other Structures By Skid-Steer Loader	5.53	
		For Up To 20, Add	*5.53*	
		For >20 To 50, Add	*4.15*	
		For >50 To 250, Add	*2.21*	
		For >250 To 500, Add	*0.83*	
31 23 16 36-0018	CY	Backfilling Around Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader	6.37	
		For Up To 20, Add	*6.37*	
		For >20 To 50, Add	*4.78*	
		For >50 To 250, Add	*2.55*	
		For >250 To 500, Add	*0.96*	
31 23 16 36-0019	CY	Backfilling Around Building Foundations And Other Structures By Hand	74.73	

31 23 16 36-0020 Compaction Of Fill Or Subbase *(31 23 16 36)*

Note: For building foundations and other structures.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 36-0021	CY	Compaction Of Fill Or Subbase For Building Foundations and Other Structures by Vibratory Plate, Air Tamper, etc.	14.40	
		For Up To 20, Add	*14.40*	
		For >20 To 50, Add	*10.80*	
		For >50 To 250, Add	*5.76*	
		For >250 To 500, Add	*2.16*	
31 23 16 36-0022	CY	Compaction Of Fill Or Subbase For Building Foundations and Other Structures by Hand	49.17	

31 23 16 36-0023 Grading For Building Foundations And Other Structures *(31 23 16 36)*

31 23 16 36-0024	SY	Rough Grading For Building Foundations And Other Structures by Machine	1.47	
31 23 16 36-0025	SY	Finish Grading For Building Foundations And Other Structures by Machine	2.37	
31 23 16 36-0026	SY	Finish Grading For Building Foundations And Other Structures by Hand	14.53	

31 23 16 36-0027 Loading Excess Material For Removal From Excavation *(31 23 16 36)*

Note: For building foundations and other structures. Includes handwork by laborer for cleanup. Not to be used when excavated material can be loaded directly into truck instead of stockpiling. See CSI section 01 74 19 00-0040 for hauling.

31 23 16 36-0028	CY	Load Excess Material For Removal From Excavation For Building Foundations and Other Structures by Machine	7.31	
		For Up To 20, Add	*7.31*	
		For >20 To 50, Add	*5.48*	
		For >50 To 250, Add	*2.92*	
		For >250 To 500, Add	*1.10*	
31 23 16 36-0029	CY	Load Excess Material For Removal From Excavation For Building Foundations and Other Structures by Hand	115.07	

31 23 16 36-0030 Spread Excess Or Imported Material And Grade On Site *(31 23 16 36)*

Note: For building foundations and other structures.

31 23 16 36-0031	CY	Spread Excess Or Imported Material And Rough Grade On Site By Machine	3.98	
		For Up To 20, Add	*3.98*	
		For >20 To 50, Add	*2.99*	
		For >50 To 250, Add	*1.59*	
		For >250 To 500, Add	*0.60*	
31 23 16 36-0032	CY	Spread Excess Or Imported Material And Rough Grade On Site By Hand	63.50	

31 23 16 46 Excavation Operations to Expose Underground Pipes and Structures *(31 23 16)*

Note: Includes work above, beside and under pipe. Pipes up to 82" in diameter. Use this section for trenching operations even if the total project volume exceeds 500 CY. Use tasks for work by hand only for areas not accessible by machine. See CSI section 31 23 16 13-0017 for loading excess material, 31 23 16 13-0020 for spreading excess material.

31 23 16 46-0001 Excavation To Expose Underground Pipe Or Structures *(31 23 16 46)*

Note: Includes stockpiling excess materials and trimming sides and bottom of trench. Excludes rock breaking.

31 23 16 46-0002 Excavation By Machine To Expose Underground Pipe Or Structure *(31 23 16 46-0001)*

31 23 16 46-0003	CY	Excavation By Hydraulic Excavator, Backhoe, Loader in Soil/Common Excavation To Expose Underground Pipes And Structures	16.45	
		For Excavation In Light Material (Class A), Deduct	*-2.06*	
		For Excavation In Heavy/Wet Material (Class C), Add	*6.58*	
		For Up To 20, Add	*16.45*	
		For >20 To 50, Add	*12.34*	
		For >50 To 250, Add	*6.58*	
		For >250 To 500, Add	*2.47*	
31 23 16 46-0004	CY	Excavation By Hydraulic Excavator, Backhoe, Loader in Loose Rock To Expose Underground Pipes And Structures	19.54	
		For Up To 20, Add	*19.54*	
		For >20 To 50, Add	*14.66*	
		For >50 To 250, Add	*7.82*	
		For >250 To 500, Add	*2.93*	

31 23 16 46-0005 Excavation By Hand To Expose Underground Pipe Or Structure *(31 23 16 46-0001)*

31 23 16 46-0006	CY	Excavation By Hand In Soil To Expose Underground Pipes And Structures Note: Includes stockpiling excess materials and trimming sides and bottom of trench.	196.15	
31 23 16 46-0007	CY	Excavation By Hand In Loose Rock To Expose Underground Pipes And Structures Note: Includes stockpiling excess materials and trimming sides and bottom of trench.	292.92	

31 23 16 46-0008 Backfilling Or Placing Subbase At Exposed Underground Pipe Or Structures *(31 23 16 46)*

Note: With imported or stockpiled materials

31 23 16 46-0009	CY	Backfilling By Hydraulic Excavator, Backhoe, Loader At Exposed Underground Pipes And Structures	12.34	
		For >20 To 50, Add	*9.26*	
		For >50 To 250, Add	*4.94*	
		For >250 To 500, Add	*1.85*	
31 23 16 46-0010	CY	Backfilling by Hand At Exposed Underground Pipes And Structures	88.92	

31 23 16 46-0011 Compaction Of Fill Or Subbase At Exposed Underground Pipe Or Structures *(31 23 16 46)*

Note: With imported or stockpiled materials

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 46-0012	CY	Compaction of Fill or Subbase by Mechanical Means At Exposed Underground Pipe Or Structures	18.15	
		For Up To 20, Add	*18.15*	
		For >20 To 50, Add	*13.61*	
		For >50 To 250, Add	*7.26*	
		For >250 To 500, Add	*2.72*	
31 23 16 46-0013	CY	Compaction of Fill or Subbase by Hand At Exposed Underground Pipe Or Structures	59.01	

31 23 16 46-0014 Loading Excess Material For Removal From Excavation At Exposed Underground Pipe Or Structures *(31 23 16 46)*

Note: Includes hand work by laborer for cleanup. Not to be used when excavated material can be loaded directly into truck instead of stockpiling. See CSI section 01 74 19 00-0040 for hauling.

31 23 16 46-0015	CY	Load Excess Material by Machine for Removal from Excavation At Exposed Underground Pipe Or Structures	8.41	
		For Up To 20, Add	*8.41*	
		For >20 To 50, Add	*6.31*	
		For >50 To 250, Add	*3.36*	
		For >250 To 500, Add	*1.26*	
		For >1,000, Deduct	*-1.26*	
31 23 16 46-0016	CY	Load Excess Material by Hand for Removal from Excavation At Exposed Underground Pipe Or Structures	115.07	

31 23 16 46-0017 Spread Excess Or Imported Material And Grade At Exposed Underground Pipe Or Structures *(31 23 16 46)*

Note: Includes hand work by laborer for cleanup.

31 23 16 46-0018	CY	Spread Excess Or Imported Material And Grade On Site By Machine At Exposed Underground Pipe Or Structures	3.98	
		For Up To 20, Add	*3.98*	
		For >20 To 50, Add	*2.99*	
		For >50 To 250, Add	*1.59*	
		For >250 To 500, Add	*0.60*	
		For >1,000, Deduct	*-0.60*	
31 23 16 46-0019	CY	Spread Excess Or Imported Material And Grade On Site By Hand At Exposed Underground Pipe Or Structures	63.50	

31 23 23 Fill *(31 23)*

31 23 23 23 Compaction *(31 23 23)*

31 23 23 23-0001 Compaction Water, Water Truck And Operator *(31 23 23 23)*

31 23 23 23-0002	MGL	Compaction Water, Water Truck And Operator	326.69	

Note: Use this task in situations where earth fill, base material, etc. requires additional moisture to comply with the compaction specification. Includes delivery up to 15 miles. (Per each 1,000 gallons of water)

31 23 23 33 Flowable Fill *(31 23 23)*

31 23 23 33-0001 Flowable Fill (Fly Ash) Cement Backfill For Trenches *(31 23 23 33)*

Note: Includes compaction and restoration of final grade.

31 23 23 33-0002	CY	Flowable Fill (Fly Ash) Cement Backfill for Trenches	151.85	
		For Up To 20, Add	*63.78*	
		For >20 To 50, Add	*41.31*	
		For >50 To 250, Add	*20.65*	
		For >500 To 1,000, Deduct	*-11.24*	
		For >1,000, Deduct	*-22.48*	

31 24 Embankments *(31 20)*

31 24 13 Roadway Embankments *(31 24)*

31 24 13 00-0001 Roadway, Parking Areas, Landscaping And Embankment Excavation And Shaping Operations *(31 24 13)*

Note: Use this section for excavation and shaping operations even if the total quantity for the project exceeds 500 CY.

31 24 13 00-0002 Cutting, Shaping And Rough Grading *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping, and embankments. Includes loading or stockpiling excess materials within 300' of initial cut.

31 24 13 00-0003 Cutting, Shaping, And Rough Grading *(31 24 13 00-0002)*

31 24 13 00-0004	CY	Cut, Shape, and Rough Grading for Roadways, Parking Areas, Landscaping and Embankments by Machine in Soil	8.53	
		For Up To 20, Add	*8.53*	
		For >20 To 50, Add	*6.40*	
		For >50 To 250, Add	*3.41*	
		For >250 To 500, Add	*1.28*	
		For >1,000, Deduct	*-1.28*	
31 24 13 00-0005	CY	Cut, Shape, and Rough Grading for Roadways, Parking Areas, Landscaping and Embankments by Machine in Loose Rock	10.57	

Note: Includes compacted aggregate

		For Up To 20, Add	*10.57*	
		For >20 To 50, Add	*7.93*	
		For >50 To 250, Add	*4.23*	
		For >250 To 500, Add	*1.59*	
		For >1,000, Deduct	*-1.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 24 13 00-0006 Cutting, Shaping, And Rough Grading By Hand *(31 24 13 00-0002)*

31 24 13 00-0007	SY	Shape Embankment/Slope By Hand Up To 1 On 4 Slope	8.04	
31 24 13 00-0008	SY	Shape Embankment/Slope By Hand Greater Than 1 On 4 Slope	10.46	

31 24 13 00-0009 Scarify Soil *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments by machine.

31 24 13 00-0010	CSF	Scarify Soil For Roadways, Parking Areas, Landscaping And Embankments By Machine	7.89	
		For Up To 20, Add	*3.95*	
		For >20 To 50, Add	*1.97*	
		For >250 To 500, Deduct	*-0.79*	
		For >500, Deduct	*-1.58*	

31 24 13 00-0011 Relocating On Site Excavated Material *(31 24 13 00-0001)*

31 24 13 00-0012	CY	>500' To 1,000', Relocating On Site Excavated Material For Roadways, Parking Areas, Landscaping And Embankments By Machine	15.35	
		For Up To 20, Add	*15.35*	
		For >20 To 50, Add	*11.51*	
		For >50 To 250, Add	*6.14*	
		For >250 To 500, Add	*2.30*	
		For >1,000, Deduct	*-2.30*	
31 24 13 00-0013	CY	>1,000', Relocating On Site Excavated Material For Roadways, Parking Areas, Landscaping And Embankments By Machine	20.46	
		For Up To 20, Add	*20.46*	
		For >20 To 50, Add	*15.35*	
		For >50 To 250, Add	*8.18*	
		For >250 To 500, Add	*3.07*	
		For >1,000, Deduct	*-3.07*	

31 24 13 00-0014 Spread And Shape Imported Or Stockpiled Material *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments. See CSI section 31 23 16 36-0032 for spreading material by hand.

31 24 13 00-0015	CY	Spread And Shape Imported Or Stockpiled Material For Roadways, Parking Areas, Landscaping and Embankments By Machine	9.38	
		For Up To 20, Add	*9.38*	
		For >20 To 50, Add	*7.04*	
		For >50 To 250, Add	*3.75*	
		For >250 To 500, Add	*1.41*	
		For >1,000, Deduct	*-1.41*	

31 24 13 00-0016 Grading *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments by machine.

31 24 13 00-0017	SY	Rough Grade Roadway, Parking Areas, Landscaping And Embankments By Machine	0.95	
31 24 13 00-0018	SY	Finish Grade Roadway, Parking Areas, Landscaping And Embankments By Machine	1.27	
31 24 13 00-0019	LF	Finish Grade For Curb	1.42	
31 24 13 00-0020	LF	Finish Grade For Curb And Gutter	1.74	

31 24 13 00-0021 Compaction Of Fill Or Subbase *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments by machine, per lift.

31 24 13 00-0022	SY	Compaction Of Fill Or Subbase For Roadways, Parking Areas, Landscaping And Embankments By Machine Per Lift	0.86	
		For Up To 250, Add	*0.86*	
		For >250 To 500, Add	*0.65*	
		For >500 To 1,000, Add	*0.34*	
		For >5,000, Deduct	*-0.13*	

31 24 13 00-0023 Loading Excess Material For Removal From Excavation *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments by machine. Includes handwork by laborer for cleanup.

31 24 13 00-0024	CY	Load Excess Material For Removal For Roadways, Parking Areas, Landscaping and Embankments by Machine	7.02	
		For Up To 20, Add	*7.02*	
		For >20 To 50, Add	*5.27*	
		For >50 To 250, Add	*2.81*	
		For >250 To 500, Add	*1.05*	
		For >1,000, Deduct	*-1.05*	

31 25 Erosion and Sedimentation Controls *(31 20)*

31 25 14 Stabilization Measures for Erosion and Sedimentation Control *(31 25)*

31 25 14 13 Hydraulically-Applied Erosion Control *(31 25 14)*

31 25 14 13-0001 Bonded Fiber Matrix *(31 25 14 13)*

31 25 14 13-0002	MSF	Up To 25,000 SF Bonded Fiber Matrix, Hydraulically Applied	69.38	
31 25 14 13-0003	MSF	>25,000 To 50,000 SF Bonded Fiber Matrix, Hydraulically Applied	63.51	
31 25 14 13-0004	MSF	>50,000 To 100,000 SF Bonded Fiber Matrix, Hydraulically Applied	58.52	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 25 14 13-0005	MSF	>100,000 Bonded Fiber Matrix, Hydraulically Applied	55.68	

31 25 14 16 Rolled Erosion Control Mats and Blankets *(31 25 14)*

Note: Includes all staples and stakes for erosion control blankets and turf reinforcement mats.

31 25 14 16-0001 Erosion Control Blankets And Turf Reinforcement Mats *(31 25 14 16)*

31 25 14 16-0002 Erosion Control Blankets, Short Term, Light Duty *(31 25 14 16-0001)*

31 25 14 16-0003	SY	S75 Single Net Erosion Control Blanket Note: Straw matrix with degradable thread to a single standard photodegradable polypropylene netting as manufactured by North American Green.	3.45	
31 25 14 16-0004	SY	S75BN Single Net Erosion Control Blanket Note: Straw Matrix with Biodegradable Thread to a Single Natural Fiber Netting as manufactured by North American Green.	4.43	
31 25 14 16-0005	SY	Curlex 1, Single Net Erosion Control Blanket Note: As manufactured by American Excelsior	3.28	
31 25 14 16-0006	SY	Curlex 1, Single Net Erosion Control Blanket Note: As manufactured by American Green.	3.45	
31 25 14 16-0007	SY	Futerra Erosion Control Blanket, Wood Fibers With Biodegradable Netting	3.07	

31 25 14 16-0008 Erosion Control Blankets, Intermediate Duration *(31 25 14 16-0001)*

31 25 14 16-0009	SY	S150 Double Net Erosion Control Blanket Note: Straw matrix with degradable thread to a double standard photodegradable polypropylene netting as manufactured by North American Green.	4.44	
31 25 14 16-0010	SY	S150 BN Double Net Erosion Control Blanket Note: Straw matrix with biodegradable thread to a double natural fiber netting as manufactured by North American Green.	5.97	
31 25 14 16-0011	SY	Curlex II, Double Net Erosion Control Blanket, Natural Note: As manufactured by American Excelsior.	3.72	
31 25 14 16-0012	SY	Curlex II, Double Net Erosion Control Blanket, Green Note: As manufactured by American Excelsior.	3.89	
31 25 14 16-0013	SY	Enforcer Double Net Erosion Control Blanket Note: As manufactured by American Excelsior.	4.15	

31 25 14 16-0014 Turf Reinforcement Mats (TRM) *(31 25 14 16-0001)*

Note: Permanent, UV stabilized.

31 25 14 16-0015	SY	P300 Permanent Polypropylene Turf Reinforcement Mat Note: 100% synthetic, UV stabilized, two layer netting.	15.83	
31 25 14 16-0016	SY	C350 Permanent Turf Reinforcement Mat Note: 100% synthetic, UV stabilized netting incorporating natural coconut fibers as manufactured by North American Green.	14.59	
31 25 14 16-0017	SY	Recyclex TRM, Permanent Turf Reinforcement Mat Note: As manufactured by American Excelsior, 100% recycled	18.24	

31 25 14 16-0018 Jute Mesh Erosion Control Blankets *(31 25 14 16-0001)*

31 25 14 16-0019	SY	Jute Mesh, Open Uniform Weave	4.96	

31 25 14 16-0020 Revegetation Mat *(31 25 14 16-0001)*

31 25 14 16-0021	SY	3-Dimensional Webbed Revegetation Mat, Polyolefin Fiber Note: Polyolefin fibers oriented and mechanically bonded between two nets. Landlok TRM 450 or equal.	12.11	
31 25 14 16-0022	SY	Webbed Revegetation Mat, Polypropylene Fiber Note: Polypropylene fibers positioned between two high strength biaxial oriented nets and mechanically held together by parallel stitching with polypropylene thread. Landlok TRM 1060 or equal.	17.31	

31 25 14 23 Stabilization Measures for Erosion Control *(31 25 14)*

See CSI section 01 74 19 00-0040 for hauling greater than 15 miles.

31 25 14 23-0001 Sand Bags *(31 25 14 23)*

Note: Bags filled on site with delivered material. Includes material and placement of bags.

31 25 14 23-0002	BAG	50 Lb. Capacity Sand Bag With Sand	7.68	3.31
		For >2,500 To 5,000, Deduct	*-0.66*	
		For >5,000, Deduct	*-1.43*	
31 25 14 23-0003	BAG	75 Lb. Capacity Sand Bag With Sand	9.85	4.11
		For >2,500 To 5,000, Deduct	*-0.82*	
		For >5,000, Deduct	*-1.81*	
31 25 14 23-0004	BAG	100 Lb. Capacity Sand Bag With Sand	12.37	4.91
		For >2,500 To 5,000, Deduct	*-0.98*	
		For >5,000, Deduct	*-2.22*	
31 25 14 23-0005	BAG	125 Lb. Capacity Sand Bag With Sand	15.24	6.14
		For >2,500 To 5,000, Deduct	*-1.23*	
		For >5,000, Deduct	*-2.75*	
31 25 14 23-0006	BAG	150 Lb. Capacity Sand Bag With Sand	18.54	7.36
		For >2,500 To 5,000, Deduct	*-1.47*	
		For >5,000, Deduct	*-3.33*	
31 25 14 23-0007	BAG	175 Lb. Capacity Sand Bag With Sand	21.59	8.37
		For >2,500 To 5,000, Deduct	*-1.67*	
		For >5,000, Deduct	*-3.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 25 14 23-0008	BAG	2,000 Lb. Capacity Sand Bag With Sand	169.70	58.04
		For >2,500 To 5,000, Deduct	*-10.66*	
		For >5,000, Deduct	*-27.63*	
31 25 14 23-0009	BAG	3,000 Lb. Capacity Sand Bag With Sand	216.24	63.85
		For >2,500 To 5,000, Deduct	*-11.73*	
		For >5,000, Deduct	*-33.35*	

31 25 14 23-0010 Gravel Bags *(31 25 14 23)*

Note: Bags filled on site with delivered material. Includes material and placement of bags.

31 25 14 23-0011	BAG	30 Lb. Capacity Gravel Bag With Gravel	7.15	2.20
		For >2,500 To 5,000, Deduct	*-0.44*	
		For >5,000, Deduct	*-1.15*	
31 25 14 23-0012	BAG	50 Lb. Capacity Gravel Bag With Gravel	12.77	3.31
		For >2,500 To 5,000, Deduct	*-0.66*	
		For >5,000, Deduct	*-1.94*	

31 25 14 23-0013 Floating Turbidity Curtain *(31 25 14 23)*

Note: Type 2 DOT fabric - 18 oz. nominal laminated vinyl/polyester. EPS flotation, 6" x 6", 13.5 lb./ft. buoyancy in fresh water and 14.4 lb./ft. buoyancy in saltwater.

31 25 14 23-0014	LF	3' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	30.25	
		For Type 1, Deduct	*-4.55*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-2.77*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*3.36*	
31 25 14 23-0015	LF	4' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	32.76	
		For Type 1, Deduct	*-5.00*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-3.05*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*3.70*	
31 25 14 23-0016	LF	5' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	36.21	
		For Type 1, Deduct	*-5.67*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-3.45*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*4.19*	
31 25 14 23-0017	LF	6' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	39.15	
		For Type 1, Deduct	*-6.21*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-3.78*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*4.59*	
31 25 14 23-0018	LF	7' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	41.08	
		For Type 1, Deduct	*-6.52*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-3.97*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*4.82*	
31 25 14 23-0019	LF	8' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	43.04	
		For Type 1, Deduct	*-6.82*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-4.15*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*5.04*	
31 25 14 23-0020	LF	9' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	45.29	
		For Type 1, Deduct	*-7.19*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-4.37*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*5.31*	
31 25 14 23-0021	LF	10' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	48.36	
		For Type 1, Deduct	*-7.73*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-4.71*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*5.71*	
31 25 14 23-0022	LF	12' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	50.82	
		For Type 1, Deduct	*-8.13*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-4.95*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*6.01*	
31 25 14 23-0023	LF	13' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	54.09	
		For Type 1, Deduct	*-8.70*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-5.30*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*6.43*	
31 25 14 23-0024	LF	14' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	57.16	
		For Type 1, Deduct	*-9.22*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-5.61*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*6.81*	
31 25 14 23-0025	LF	15' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	60.12	
		For Type 1, Deduct	*-9.70*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-5.91*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*7.17*	
31 25 14 23-0026	LF	16' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	65.36	
		For Type 1, Deduct	*-10.70*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-6.51*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*7.91*	
31 25 14 23-0027	LF	17' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	68.54	
		For Type 1, Deduct	*-11.22*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-6.83*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*8.29*	
31 25 14 23-0028	LF	18' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	71.64	
		For Type 1, Deduct	*-11.70*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-7.12*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*8.65*	
31 25 14 23-0029	LF	19' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	74.92	
		For Type 1, Deduct	*-12.22*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-7.44*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*9.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 25 14 23-0030	LF	20' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	78.11	
		For Type 1, Deduct	*-12.70*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-7.73*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*9.39*	

31 25 14 23-0031 Turbidity Curtain Anchors *(31 25 14 23)*

31 25 14 23-0032	EA	14 Lb., Turbidity Curtain Anchor System Note: Includes anchor, anchor chain, and marker buoy and rope.	794.88	
31 25 14 23-0033	EA	25 Lb., Turbidity Curtain Anchor System Note: Includes anchor, anchor chain, and marker buoy and rope.	1,087.67	
31 25 14 23-0034	EA	40 Lb., Turbidity Curtain Anchor System Note: Includes anchor, anchor chain, and marker buoy and rope.	1,381.72	
31 25 14 23-0035	EA	65 Lb., Turbidity Curtain Anchor System Note: Includes anchor, anchor chain, and marker buoy and rope.	1,805.16	

31 25 14 23-0036 Filter Bags *(31 25 14 23)*

31 25 14 23-0037 Non-Woven Filter Bags *(31 25 14 23-0036)*

31 25 14 23-0038	EA	6' x 15' Non-Woven Filter Bag	266.47	
31 25 14 23-0039	EA	13' x 15' Non-Woven Filter Bag	385.32	
31 25 14 23-0040	EA	15' x 15' Non-Woven Filter Bag	443.31	

31 25 14 23-0041 Monofilament Filter Bags *(31 25 14 23-0036)*

31 25 14 23-0042	EA	5' x 15' Monofilament Filter Bag	276.96	
31 25 14 23-0043	EA	10' x 15' Monofilament Filter Bag	383.15	

31 25 14 23-0044 Cable Articulating Concrete Block *(31 25 14 23)*

Note: 4000 PSI Compressive strength, 12 Lbs./CF maximum absorption. Interlocking block with longitudinal revetment cable. Includes anchoring block to 12" x 12" x 6" concrete pier every 5' with anchor and filling cells with stockpiled material. Excludes site preparation and imported materials.

31 25 14 23-0045	SF	4.75" Open Cell Articulated Concrete Block With Earth Backfill	45.68	
		For Up To 500, Add	*10.47*	
		For >500 To 1,000, Add	*5.91*	
31 25 14 23-0046	SF	6" Open Cell Articulated Concrete Block With Earth Backfill	51.88	
		For Up To 500, Add	*11.84*	
		For >500 To 1,000, Add	*6.65*	
31 25 14 23-0047	SF	7.5" Open Cell Articulated Concrete Block With Earth Backfill	59.01	
		For Up To 500, Add	*13.41*	
		For >500 To 1,000, Add	*7.51*	
31 25 14 23-0048	SF	9" Open Cell Articulated Concrete Block With Earth Backfill	66.42	
		For Up To 500, Add	*15.07*	
		For >500 To 1,000, Add	*8.43*	
31 25 14 23-0049	SF	4.75" Closed Cell Articulated Concrete Block	48.53	
		For Up To 500, Add	*11.04*	
		For >500 To 1,000, Add	*6.19*	
31 25 14 23-0050	SF	6" Closed Cell Articulated Concrete Block	55.28	
		For Up To 500, Add	*12.52*	
		For >500 To 1,000, Add	*6.99*	
31 25 14 23-0051	SF	7.5" Closed Cell Articulated Concrete Block	63.05	
		For Up To 500, Add	*14.22*	
		For >500 To 1,000, Add	*7.91*	
31 25 14 23-0052	SF	9" Closed Cell Articulated Concrete Block	71.03	
		For Up To 500, Add	*15.99*	
		For >500 To 1,000, Add	*8.89*	

31 25 14 26 Stabilization Measures for Sedimentation Control *(31 25 14)*

31 25 14 26-0001 Silt Fences And Dike Barriers *(31 25 14 26)*

Note: Includes stakes and embedding.

31 25 14 26-0002 Silt Fences 2' High *(31 25 14 26-0001)*

See CSI section 31 25 14 26-0014 for removal of silt fence.

31 25 14 26-0003	LF	2' High Silt Fence with Stakes at 4' On Center	5.59	
31 25 14 26-0004	LF	2' High Silt Fence with Stakes at 6' On Center	4.30	
31 25 14 26-0005	LF	2' High Silt Fence with Stakes at 8' On Center	3.01	
31 25 14 26-0006	LF	2' High Silt Fence with Stakes at 10' On Center	2.54	

31 25 14 26-0007 Silt Fences 3' High *(31 25 14 26-0001)*

See CSI section 31 25 14 26-0014 for removal of silt fence.

31 25 14 26-0008	LF	3' High Silt Fence with Stakes at 4' On Center	6.64	
31 25 14 26-0009	LF	3' High Silt Fence with Stakes at 6' On Center	5.12	
31 25 14 26-0010	LF	3' High Silt Fence with Stakes at 8' On Center	3.55	
31 25 14 26-0011	LF	3' High Silt Fence with Stakes at 10' On Center	2.88	

31 25 14 26-0012 Silt Dike Barrier *(31 25 14 26-0001)*

31 25 14 26-0013	LF	Silt Dike Barrier With Stakes	4.21	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 25 14 26-0014		Silt Fences Removal *(31 25 14 26-0001)*		
31 25 14 26-0015	LF	Removal Of Silt Fence And Stakes	1.04	
31 25 14 26-0016		Hay And Straw Bales *(31 25 14 26)*		
		Note: Includes trench for placement, and stakes.		
31 25 14 26-0017	LF	Place Sterilized Straw Bales	6.24	
		Note: Includes securing in ground with stakes. See CSI section 31 25 14 26-0019 for removal of straw bale.		
31 25 14 26-0018	LF	Place Hay Bales	5.74	
		Note: Includes securing in ground with stakes. See CSI section 31 25 14 26-0019 for removal of hay bale.		
31 25 14 26-0019	LF	Removal Of Hay Or Straw Bales	1.87	
		Note: Includes removal of stakes.		
31 25 14 26-0020		Sediment Logs (Degradable) *(31 25 14 26)*		
31 25 14 26-0021		Sediment Logs (Degradable) *(31 25 14 26-0020)*		
		Note: Includes stakes and removal after use. Curlex sediment logs as manufactured by American Excelsior.		
31 25 14 26-0022	LF	9" Sediment Fiber Roll Log	6.55	
31 25 14 26-0023	LF	12" Sediment Fiber Roll Log	7.49	
31 25 14 26-0024	LF	20" Sediment Fiber Roll Log	11.19	
31 25 14 26-0025		Wattles (Degradable) With UV Stabilized Synthetic Netting *(31 25 14 26-0020)*		
		Note: Includes trench for placement, 24" wood staking at 4' on-center		
31 25 14 26-0026	EA	Wattles (Sterile Straw Filled Rolls), 8" x 25'	131.84	
31 25 14 26-0027	EA	Wattles (Sterile Straw Filled Rolls), 9" x 25'	136.89	
31 25 14 26-0028	EA	Wattles (Sterile Straw Filled Rolls), 12" x 20'	141.14	
31 25 14 26-0029	EA	Wattles (Sterile Straw Filled Rolls), 20" x 10'	141.04	
31 25 14 26-0030		Inlet Protection Sediment Bags *(31 25 14 26)*		
		Note: Includes removal, cleaning, and replacement per each location.		
31 25 14 26-0031	EA	2' x 2' x 3' Inlet Protection Sediment Bag	72.60	
31 25 14 26-0032	EA	2' x 3' x 3' Inlet Protection Sediment Bag	84.18	
31 25 14 26-0033	EA	2' x 4' x 3' Inlet Protection Sediment Bag	92.38	

31 30 Earthwork Methods *(31)*

31 31 Soil Treatment *(31 30)*

31 31 19 Vegetation Control *(31 31)*

31 31 19 13 Chemical Vegetation Control *(31 31 19)*

31 31 19 13-0001		Soil Sterilants *(31 31 19 13)*		
31 31 19 13-0002	MSF	Soil Sterilant	35.55	
		Note: Use only in areas where complete control of all vegetation is desired, such as industrial sites, right-of-way, lumberyards, petroleum tank farms, around farm buildings, along fence lines, etc. When applied to the soil, this product usually inhibits plant growth for a year or more.		
		For >45 To 90, Deduct	*-0.55*	
		For >90 To 225, Deduct	*-2.88*	
		For >225, Deduct	*-3.98*	

31 32 Soil Stabilization *(31 30)*

31 32 13 Soil Mixing Stabilization *(31 32)*

31 32 13 16 Cement Soil Stabilization *(31 32 13)*

31 32 13 16-0001		Cementitious Soil Binder *(31 32 13 16)*		
31 32 13 16-0002	CY	Cementitious Soil Binder, 4% Cement Mix By Volume	45.04	
31 32 13 16-0003	CY	Cementitious Soil Binder, 6% Cement Mix By Volume	51.31	
31 32 13 16-0004	CY	Cementitious Soil Binder, 9% Cement Mix By Volume	61.62	
31 32 13 16-0005	CY	Cementitious Soil Binder, 12% Cement Mix By Volume	71.78	

31 32 13 19 Lime Soil Stabilization *(31 32 13)*

Note: Includes delivery up to 15 miles from the closest approved source, the cost for loading, and dumping. The price excludes the cost for spreading or backfilling. See CSI section 01 74 19 00-0040 for hauling greater than 15 miles.

31 32 13 19-0001		Lime Slurry *(31 32 13 19)*		
31 32 13 19-0002	LCY	Soil Stabilization With Lime Slurry 10% Lime Slurry By Volume	41.14	
31 32 13 19-0003	TON	Cement Stabilized Base Material	130.93	
31 32 13 19-0004	CWT	Lime For Soil Stabilization	20.73	
		Note: Excludes the cost for spreading or backfilling		
31 32 13 19-0005	LCY	Roller, Grader - Lime Stabilization	21.87	
31 32 13 19-0006	LCY	Roller, Grader - Cement Stabilization	5.05	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 13 19-0007		Lime Stabilized Subgrade *(31 32 13 19)* Note: Based on soil weight of 110 Lbs./CF using lime weight of 5.5 Lbs./CF (5%).		
31 32 13 19-0008	SY	6" Thick Lime Stabilized Subgrade, 25 Lb.	13.53	
		For 4% Lime Instead Of 5%, Deduct	*-0.37*	
		For 6% Lime Instead Of 5%, Add	*0.37*	
31 32 13 19-0009	SY	7" Thick Lime Stabilized Subgrade, 29 Lb.	15.70	
		For 4% Lime Instead Of 5%, Deduct	*-0.42*	
		For 6% Lime Instead Of 5%, Add	*0.42*	
31 32 13 19-0010	SY	8" Thick Lime Stabilized Subgrade, 33 Lb.	17.91	
		For 4% Lime Instead Of 5%, Deduct	*-0.48*	
		For 6% Lime Instead Of 5%, Add	*0.48*	
31 32 13 29		**Liquid Soil Stabilization** *(31 32 13)*		
31 32 13 29-0001	GAL	Polyacrylamide And Calcium Solution	2.99	
31 32 19		**Geosynthetic Soil Stabilization and Layer Separation** *(31 32)*		
31 32 19 13		**Geogrid Soil Stabilization** *(31 32 19)*		
31 32 19 13-0001		Geogrid Fabrics *(31 32 19 13)* Note: For reinforcement of over steepened earth slopes, segmental retaining walls and other mechanically stabilized earth applications. Includes stakes.		
31 32 19 13-0002	SY	5.3 Ounce/SY, 1,700 Lb./FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-150)	5.48	
		For Up To 50, Add	*1.23*	
		For >50 To 150, Add	*0.91*	
		For >150 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.30*	
31 32 19 13-0003	SY	6.9 Ounce/SY, 3,100 Lb./FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-300)	6.25	
		For Up To 50, Add	*1.39*	
		For >50 To 150, Add	*1.03*	
		For >150 To 250, Add	*0.67*	
		For >250 To 500, Add	*0.34*	
31 32 19 13-0004	SY	8.7 Ounce/SY, 4,280 Lb./FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-500)	6.82	
		For Up To 50, Add	*1.51*	
		For >50 To 150, Add	*1.12*	
		For >150 To 250, Add	*0.73*	
		For >250 To 500, Add	*0.36*	
31 32 19 13-0005	SY	12.6 Ounce/SY, 7,315 Lb./FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-800)	9.80	
		For Up To 50, Add	*2.11*	
		For >50 To 150, Add	*1.57*	
		For >150 To 250, Add	*1.03*	
		For >250 To 500, Add	*0.51*	
31 32 19 13-0006	SY	14.1 Ounce/SY, 9,790 Lb./FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-1000)	11.21	
		For Up To 50, Add	*2.40*	
		For >50 To 150, Add	*1.78*	
		For >150 To 250, Add	*1.17*	
		For >250 To 500, Add	*0.59*	
31 32 19 13-0007	SY	4.3 Ounce/SY, 1,658 Lb./FT Wide Width Tensile Ultimate Bi-Axial Extruded Polypropylene Geogrid Fabric (Carthage Mills Enkagrid Max 20)	5.57	
		For Up To 50, Add	*1.24*	
		For >50 To 150, Add	*0.92*	
		For >150 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.30*	
31 32 19 13-0008	SY	5.9 Ounce/SY, 2,192 Lb./FT Wide Width Tensile Ultimate Bi-Axial Extruded Polypropylene Geogrid Fabric (Carthage Mills Enkagrid Max 30)	8.19	
		For Up To 50, Add	*1.77*	
		For >50 To 150, Add	*1.32*	
		For >150 To 250, Add	*0.86*	
		For >250 To 500, Add	*0.43*	
31 32 19 16		**Geotextile Soil Stabilization** *(31 32 19)*		
31 32 19 16-0001		Nonwoven Polypropylene Geotextiles *(31 32 19 16)* Note: For drainage, filtration and separation. Includes stakes.		
31 32 19 16-0002	SY	3.0 Ounce/SY, 40 Mil, 80 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-30HS)	1.71	
		For Up To 50, Add	*0.39*	
		For >50 To 150, Add	*0.29*	
		For >150 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.09*	
31 32 19 16-0003	SY	3.5 Ounce/SY, 50 Mil, 95 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-35HS)	1.83	
		For Up To 50, Add	*0.42*	
		For >50 To 150, Add	*0.31*	
		For >150 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 19 16-0004	SY	4.0 Ounce/SY, 60 Mil, 115 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-40HS)	1.98	
		For Up To 50, Add	*0.45*	
		For >50 To 150, Add	*0.33*	
		For >150 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.11*	
31 32 19 16-0005	SY	4.5 Ounce/SY, 55 Mil, 120 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-45HS)	2.13	
		For Up To 50, Add	*0.48*	
		For >50 To 150, Add	*0.35*	
		For >150 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.12*	
31 32 19 16-0006	SY	6.0 Ounce/SY, 70 Mil, 160 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-60HS)	2.53	
		For Up To 50, Add	*0.56*	
		For >50 To 150, Add	*0.41*	
		For >150 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.14*	
31 32 19 16-0007	SY	7.0 Ounce/SY, 85 Mil, 180 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-70HS)	2.96	
		For Up To 50, Add	*0.66*	
		For >50 To 150, Add	*0.49*	
		For >150 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.16*	
31 32 19 16-0008	SY	8.0 Ounce/SY, 85 Mil, 205 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-80HS)	3.26	
		For Up To 50, Add	*0.72*	
		For >50 To 150, Add	*0.53*	
		For >150 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.17*	
31 32 19 16-0009	SY	10 Ounce/SY, 115 Mil, 250 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-100HS)	4.02	
		For Up To 50, Add	*0.87*	
		For >50 To 150, Add	*0.65*	
		For >150 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.21*	

31 32 19 16-0010 Woven Geotextiles Fabric *(31 32 19 16)*

Note: Includes stakes.

31 32 19 16-0011	SY	200 Lb. Grab Tensile Woven Slit Film Geotextile Fabric (Carthage Mills FX-55)	2.47	
		For Up To 50, Add	*0.55*	
		For >50 To 150, Add	*0.40*	
		For >150 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.13*	
31 32 19 16-0012	SY	315 Lb. Grab Tensile Woven Slit Film Geotextile Fabric (Carthage Mills FX-66)	3.46	
		For Up To 50, Add	*0.74*	
		For >50 To 150, Add	*0.55*	
		For >150 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.18*	
31 32 19 16-0013	SY	4 To 6% Open Area, 370 x 250 Lb. Grab Tensile Woven Monofilament Geotextile Fabric (Carthage Mills Carthage 6%)	6.10	
		For Up To 50, Add	*1.28*	
		For >50 To 150, Add	*0.96*	
		For >150 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.32*	
31 32 19 16-0014	SY	11 To 15% Open Area, 370 x 220 Lb. Grab Tensile Woven Monofilament Geotextile Fabric (Carthage Mills Carthage 15%)	5.95	
		For Up To 50, Add	*1.25*	
		For >50 To 150, Add	*0.93*	
		For >150 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.31*	
31 32 19 16-0015	SY	6.9 Oz./SY, 250 Lb./IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-250TF)	5.20	
		For Up To 50, Add	*1.10*	
		For >50 To 150, Add	*0.82*	
		For >150 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.27*	
31 32 19 16-0016	SY	9.1 Oz./SY, 333 Lb./IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-330TF)	5.56	
		For Up To 50, Add	*1.18*	
		For >50 To 150, Add	*0.88*	
		For >150 To 250, Add	*0.58*	
		For >250 To 500, Add	*0.29*	
31 32 19 16-0017	SY	12.1 Oz./SY, 400 Lb./IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-400TF)	7.10	
		For Up To 50, Add	*1.48*	
		For >50 To 150, Add	*1.11*	
		For >150 To 250, Add	*0.73*	
		For >250 To 500, Add	*0.37*	
31 32 19 16-0018	SY	12.1 Oz./SY, 400 Lb./IN Wide Width Tensile Ultimate Woven Monofilament And Fibrillated Geotextile Fabric (Carthage Mills FX-400MF)	10.12	
		For Up To 50, Add	*2.09*	
		For >50 To 150, Add	*1.56*	
		For >150 To 250, Add	*1.03*	
		For >250 To 500, Add	*0.52*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 19 16-0019		**Geomembranes** *(31 32 19 16)* Note: Includes stakes.		
31 32 19 16-0020		**Polyvinyl Chloride (PVC) Geomembrane** *(31 32 19 16-0019)*		
31 32 19 16-0021	SF	20 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.55	
31 32 19 16-0022	SF	30 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.80	
31 32 19 16-0023	SF	40 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	2.17	
31 32 19 16-0024	SF	50 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	2.60	
31 32 19 16-0025	SF	60 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	2.97	
31 32 19 16-0026	SF	70 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	3.25	
31 32 19 16-0027	SF	80 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	3.52	
31 32 19 16-0028	SF	90 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	3.89	
31 32 19 16-0029	SF	100 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	4.25	
31 32 19 16-0030		**High-Density Polyethylene (HDPE) Geomembrane** *(31 32 19 16-0019)*		
31 32 19 16-0031	SF	20 Mil High-Density Polyethylene (HDPE) Membrane (US Fabrics)	1.08	
31 32 19 16-0032	SF	30 Mil High-Density Polyethylene (HDPE) Membrane (US Fabrics)	1.30	
31 32 19 16-0033	SF	40 Mil High-Density Polyethylene (HDPE) Membrane (US Fabrics)	1.52	
31 32 19 16-0034	SF	50 Mil High-Density Polyethylene (HDPE) Membrane (US Fabrics)	2.48	
31 32 19 16-0035	SF	60 Mil High-Density Polyethylene (HDPE) Membrane (US Fabrics)	1.93	
31 32 19 16-0036	SF	80 Mil High-Density Polyethylene (HDPE) Membrane (US Fabrics)	2.37	
31 32 19 16-0037	SF	100 Mil High-Density Polyethylene (HDPE) Membrane (US Fabrics)	2.81	
31 32 19 16-0038	SF	120 Mil High-Density Polyethylene (HDPE) Membrane (US Fabrics)	5.06	
31 32 19 16-0039	SF	140 Mil High-Density Polyethylene (HDPE) Membrane (US Fabrics)	5.25	
31 32 19 23		**Geotextile Layer Separation** *(31 32 19)*		
31 32 19 23-0001		**Polyethylene Plastic Sheeting Barrier** *(31 32 19 23)* Note: Includes stakes.		
31 32 19 23-0002	SY	4 Mil Polyethylene Plastic Sheeting Barrier	0.79	
31 32 19 23-0003	SY	6 Mil Polyethylene Plastic Sheeting Barrier	0.89	
31 32 19 23-0004	SY	8 Mil Polyethylene Plastic Sheeting Barrier	1.44	
31 32 19 26		**Geoweb Cellular Confinement System** *(31 32 19)* Note: Includes staples, stakes and filling cells with stockpiled material. Excludes site preparation and imported materials.		
31 32 19 26-0001		**Geoweb Cellular Confinement System** *(31 32 19 26)* Note: Includes staples, stakes and filling cells with stockpiled material. Excludes site preparation and imported materials.		
31 32 19 26-0002	SF	4" Geoweb Cellular Confinement System (Presto Geosystems)	8.27	
		For >20,000, Deduct	*-0.19*	
		For >2:1 Slope, Add	*1.47*	
31 32 19 26-0003	SF	6" Geoweb Cellular Confinement System (Presto Geosystems)	9.99	
		For >20,000, Deduct	*-0.28*	
		For >2:1 Slope, Add	*1.47*	
31 32 19 26-0004	SF	8" Geoweb Cellular Confinement System (Presto Geosystems)	12.04	
		For >20,000, Deduct	*-0.38*	
		For >2:1 Slope, Add	*1.47*	
31 32 36		**Soil Nailing** *(31 32)*		
31 32 36 11		**Soil Nailing Stabilization** *(31 32 36)*		
31 32 36 11-0001		**Landslide and Slip-Out Stabilization** *(31 32 36 11)* Note: Work shall consist of the Contractor stabilizing identified slides by internally reinforcing the soil mass with reinforcing elements (nails) by using one or more of the installation methods specified in this contract. The Owner will identify locations for work to be performed as specified herein. The Contractor shall review all locations with Owner representatives to determine the method to be used. The Contractor will provide all necessary engineering plans and details required to successfully repair slides as noted. These plans shall be stamped by a registered professional engineer with a current California license who is knowledgeable in the design and implementation of slope stabilization with soil nails and related work. The contractor shall furnish all labor, materials, and equipment required to complete the work. Any necessary installation methods and associated costs are the responsibility of the contractor. The Contractor and the Contractor's Engineer will also warrant the stability of the repaired roadway section for a period of 5 years.		
31 32 36 11-0002		**BioWall®** *(31 32 36 11-0001)* Note: Furnish and install the BioWall® to integrate with Launched Soil Nails™, SuperNails® or Self Drilling SuperNails®. The BioWall® is a confined soil/compost mass capable of sustaining vegetation at slope angles up to ¼(H):1(V), and is composed of 2 layers of galvanized wire mesh and 2 layers of lightweight geosynthetic encasing a seeded compost and/or topsoil mix, tied to the soil nails by steel plates. Furnish equipment and incidentals necessary to complete the work. BioWall® to soil nail connection details will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals. Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).		
31 32 36 11-0003	SF	BioWall® Construction	25.00	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 32 36 11-0004 Green Terra Mesh *(31 32 36 11-0001)*

Note: Furnish and install the Green Terra Mesh. Furnish equipment and incidentals necessary to complete the work. Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 11-0005	EA	Green Terra Mesh	635.25	

31 32 36 11-0006 GeoSynthetically Confined Soil™ (GCS®) Components *(31 32 36 11-0001)*

Note: Furnish and install geosynthetic reinforcement, backfill and facing element to construct a Geosynthetically Confined Soil Wall™ (GCS®). Designs shall comply with the Design Standards for Geosynthetically Confined Soil Walls (adapted from the NCHRP Report 556 – Design and Construction Guidelines for Geosynthetic – Reinforced Soil Bridge Abutments with a Flexible Facing) noted below. Reinforcement Selection and Placement: Geosynthetic reinforcement shall consist of high-tenacity geotextiles manufactured for soil reinforcement applications. Geotextiles shall not be exposed to sunlight and extreme temperatures for an extended period of time. Damaged or improperly handled geosynthetic reinforcement shall be rejected. Use a woven polypropylene geotextile with ultimate tensile strength of 2,400 lb./ft. (Amoco 2044 or similar) in the cross-machine direction (as per ASTM D4595). The geosynthetic reinforcement perpendicular to the wall face should consist of one continuous piece of material. Overlap of reinforcement in the design strength direction is not permitted. Adjacent sections of geosynthetic reinforcement should be placed so as to ensure that horizontal coverage shown on the plans is provided. Tracked construction equipment shall not be operated directly on the geosynthetic reinforcement. A minimum backfill thickness of 150 mm (6 in.) is required before operation of tracked vehicles over the geosynthetic reinforcement. Turning of tracked vehicles should be kept to a minimum to prevent displacing the fill and damaging or moving the geosynthetic reinforcement. Rubber-tired equipment may pass over the geosynthetic reinforcement at slow speeds less than 17 km/hr. (10 miles/hr.). Sudden braking and sharp turning should be avoided. Backfill Specifications: Structure backfill material should consist of material free from organic or other unsuitable material as determined by the Contractor's Engineer. Grading of the backfill should be as follows: 100 percent passing 100 mm (4 in.) sieve, 0-60 percent passing No. 40 (0.425 mm) sieve, and 0-15 percent passing No. 200 (0.075mm) sieve; plasticity index (PI) as determined by AASHTO T90, should not exceed 6. The backfill should exhibit an angle of internal friction of not less than 34 degrees, as determined by the standard direct shear test on the portion finer than 2 mm (No.10) sieve, using a sample compacted to 95 percent of AASHTO T-99, Methods C or D, at optimum moisture content. No testing is required for backfills where 80 percent of sizes are greater than 19 mm. The backfill should be substantially free of shale or other soft, poor durability particles and should have an organic content not larger than 1 percent. The backfill should have a pH between 4.5 and 9. Backfill Placement: Reinforced fill should be placed as specified in construction plans in compacted lift thickness of 8in, but in no case in lifts greater than 12in. Reinforced fill should be placed and compacted at or within 2 percent dry of the optimum moisture content. If the reinforced fill is free draining (i.e., with less than 5 percent passing a No. 200 sieve), water content of the fill may be within ±3 percent of the optimum. A minimum density of 90 percent of standard Proctor density is required. Optimum compaction is 100 percent of AASHTO T-99 (or 95 percent of AASHTO T-180) but this may not be possible throughout the wall structure. If significant percentage of the backfill is coarse material (i.e., greater than 30 percent retained on the 19 mm, or 3/4 in., sieve), a procedural specification may be used to verify compaction, (no less than two passes with a conventional vibratory plate compaction equipment). Backfill should be placed, spread, and compacted so as to prevent the development of wrinkles or movement of the geosynthetic reinforcement and the wall facing units. Only hand-operated compaction equipment should be allowed within 0.5 m (1.5 ft) of the front o See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 11-0007	SF	GeoSynthetically Confined Soil™ (GCS®) Wall Construction Note: Installation sold per square face foot (excludes materials)	23.75	
31 32 36 11-0008	EA	GeoSynthetically Confined Soil™ (GCS®) Wall Galvanized Wire Basket Units (approximately 10" x 120")	108.50	
31 32 36 11-0009	EA	GeoSynthetically Confined Soil™ (GCS®) Wall Concrete Masonry Units (approximately 8" x 8" x 16")	6.50	
31 32 36 11-0010	SF	GeoSynthetically Confined Soil™ (GCS®) Wall Woven Geotextile	0.75	

31 32 36 11-0011 Turf *(31 32 36 11-0001)*

Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 11-0012 Permanent Turf Reinforcing Mat (TRM) *(31 32 36 11-0011)*

Note: Furnish a web of mechanically bonded synthetic fibers that are entangled to form a strong and dimensionally stable mat. Place fibers between 2 or 3 high-strength, biaxial oriented nets mechanically bound together by stitching with polyolefin thread. The netting material must be resistant to biological, chemical, and ultra-violet degradation.

31 32 36 11-0013	SF	Permanent Turf Reinforcement Mat Note: sold per square face foot	1.50	

31 32 36 11-0014 Biodegradable Turf Reinforcing Mat (TRM) *(31 32 36 11-0011)*

Note: Furnish a geotextile composed of seed free processed natural fiber matrix mechanically bound together with 100% degradable binding fiber or netting to form a continuous matrix.

31 32 36 11-0015	SF	Biodegradable Turf Reinforcement Mat Note: sold per square face foot	0.75	

31 32 36 11-0016 Shotcrete or Gunite *(31 32 36 11-0001)*

Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

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			MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 32 36 11-0017 **Wet-Mix Shotcrete for use with Launched Soil Nails™, SuperNails®, SuperMicropiles™, Self-Drilling SuperNails® / SuperMicropiles™** *(31 32 36 11-0016)*

Note: Furnish steel reinforced shotcrete to integrate with Launched Soil Nails™, SuperNails®, SuperMicropiles™, Self Drilling SuperMicropiles™ or Self Drilling SuperNails® and complying with the requirements of ACI 506.2, "Specifications for Materials, Proportioning and Application of Shotcrete", except as otherwise specified. Shotcreting consists applying of one or more layers of concrete conveyed through a hose pneumatically projected at a high velocity against a prepared surface. Produce shotcrete by a wet-mix. The wet-mix process consists of thoroughly mixing all the ingredients except accelerating admixtures, but including the mixing water, introducing the mixture into the delivery equipment and delivering it, by positive displacement, to the nozzle. Air jet the wet-mix shotcrete from the nozzle at high velocity onto the surface. For additional descriptive information, refer to the American Concrete Institute ACI 506R "Guide to Shotcrete." The Contractor's Engineer shall provide all necessary details required to successfully construct the temporary or permanent facing and facing drainage system to satisfy the design intent of the facing. Comply with AASHTO Specifications, or accepted industry standards for any specific items that may not be addressed herein or elsewhere in this Contract Document. Use materials for shotcrete conforming to the following requirements: Cement AASHTO M85/ ASTM C150, Type I, II, III or V. Fine Aggregate AASHTO M6/ASTM C33 clean, natural. Coarse Aggregate AASHTO M80, Class B for quality Water Clean and Potable. AASHTO M157/ASTM C94 Chemical Admixtures Accelerator Fluid type, applied at nozzle, meeting requirements of AASHTO M194/ASTM C494/ASTM C1141. Water-reducer and Superplastisizer AASHTO M194/ASTM C494 Type A, C, D, E, F, or G Retarders AASHTO M194/ ASTM C494 Type B or D. Mineral Admixtures Fly Ash AASHTO M295/ASTM C618 Type F or C, cement replacement up to 35 percent by weight of cement. Silica Fume ASTM C1240, 90 percent minimum silicon dioxide solids content, not to exceed 12 percent by weight of cement. Welded Wire Fabric AASHTO M55/ASTM A185 or A497. Double twisted hexagonal ASTM A975-97 guidelines for Double Twisted Hexagonal Mesh Gabions Prepackaged Shotcrete ASTM C928. PVC Drain Pipes: Pipe ASTM 1785 Schedule 40 PVC, solid and perforated wall, cell classification 12454-B or 12354-C, wall thickness SDR 35, with solvent weld or elastomeric gasket joints. Deliver, store and handle materials to prevent contamination, segregation, corrosion or damage. Store liquid admixtures to prevent evaporation and freezing. Use aggregate for shotcrete meeting the strength and durability requirements of AASHTO M6/M80, as applicable, and the following gradation requirements: Sieve Size Percent Passing by Weight 1/2" 100 3/8" 90-100 No. 4 70-85 No. 8 100

Proportion the shotcrete to be pumpable with the concrete pump furnished for the work, with a cementing materials content of at least 390 kilograms per cubic meter and water/cement ratio not greater than 0.50. Do not use admixtures unless approved by the Contractor's Engineer. Thoroughly mix admixtures into the shotcrete at the rate specified by the manufacturer. Use only accelerators compatible with the cement used, non-corrosive to steel, and not promoting other detrimental effects such as cracking or excessive shrinkage. The maximum allowable chloride ion content of all ingredients is 0.10% when tested to AASHTO T260. Air entrainment is not required for temporary shotcrete construction facings. Provide shotcrete with a design compressive strength of 2000 psi in 3 days and 4000 psi in 28 days. Batch aggregate and cement by weight or by volume in accordance with the requirements of ASTM C94 or AASHTO M241/ASTM C685. Use mixing equipment that thoroughly blends the materials in sufficient quantity to maintain placing continuity. Produce ready mix shotcrete complying

31 32 36 11-0018 SFI Wet-Mix Reinforced Shotcrete 5.50

Note: sold per inch thickness over one square face foot of area (includes reinforcing steel).

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 32 36 11-0019 Dry-Mix Shotcrete for use with Launched Soil Nails™, SuperNails®, SuperMicropiles™, Self-Drilling SuperNails® / SuperMicropiles™ *(31 32 36 11-0016)*

Note: Furnish steel reinforced shotcrete to integrate with Launched Soil Nails™, SuperNails®, SuperMicropiles™, Self Drilling SuperMicropiles™ or Self Drilling SuperNails® and complying with the requirements of ACI 506.2, "Specifications for Materials, Proportioning and Application of Shotcrete", except as otherwise specified. Shotcreting consists applying of one or more layers of concrete conveyed through a hose pneumatically projected at a high velocity against a prepared surface. Produce shotcrete by a dry-mix. The dry-mix process consists of thoroughly mixing Portland cement and aggregate (and or synthetic fiber) thoroughly mixed dry, passed through a cement gun and conveyed by air through a flexible tube, hydrated at a nozzle at the end of such flexible tube and deposited by air pressure in its place of final repose. For additional descriptive information, refer to the American Concrete Institute ACI 506R "Guide to Shotcrete." The Contractor's Engineer shall provide all necessary details required to successfully construct the temporary or permanent facing and facing drainage system to satisfy the design intent of the facing. Comply with AASHTO Specifications, or accepted industry standards for any specific items that may not be addressed herein or elsewhere in this Contract Document. Use materials for shotcrete conforming to the following requirements: Cement AASHTO M85/ ASTM C150, Type I, II, or III. Fine Aggregate AASHTO M6/ASTM C33 clean, natural. Coarse Aggregate AASHTO M80, Class B for quality Fiber Reinforcement ASTM C116-00 Water Clean and Potable. AASHTO M157/ASTM C94 and shall be maintained at a uniform pressure which shall be at least 15 pounds per square inch above air pressure at the nozzle. Chemical Admixtures Accelerator Fluid type, applied at nozzle, meeting requirements of AASHTO M194/ASTM C494/ASTM C1141. Water-reducer and Superplastisizer AASHTO M194/ASTM C494 Type A, C, D, E, F, or G Retarders AASHTO M194/ ASTM C494 Type B or D. Mineral Admixtures Fly Ash AASHTO M295/ASTM C618 Type F or C, cement replacement up to 35 percent by weight of cement. Silica Fume ASTM C1240, 90 percent minimum silicon dioxide solids content, not to exceed 12 percent by weight of cement. Welded Wire Fabric AASHTO M55/ASTM A185 or A497. Double twisted hexagonal ASTM A975-97 guidelines for Double Twisted Hexagonal Mesh Gabions Prepackaged Shotcrete ASTM C928. PVC Drain Pipes: Pipe ASTM 1785 Schedule 40 PVC, solid and perforated wall, cell classification 12454-B or 12354-C, wall thickness SDR 35, with solvent weld or elastomeric gasket joints. Deliver, store and handle materials to prevent contamination, segregation, corrosion or damage. Store liquid admixtures to prevent evaporation and freezing. Use aggregate for shotcrete meeting the strength and durability requirements of AASHTO M6/M80, as applicable, and the following gradation requirements: Sieve Size Percent Passing by Weight 1/2" 100 3/8" 90-100 No. 4 70-85 No. 8 100 Proportion the shotcrete to be pumpable with the concrete pump furnished for the work, with a cementing materials content of at least 390 kilograms per cubic meter and water/cement ratio not greater than 0.50. Do not use admixtures unless approved by the Contractor's Engineer. Thoroughly mix admixtures into the shotcrete at the rate specified by the manufacturer. Use only accelerators compatible with the cement used, non-corrosive to steel, and not promoting other detrimental effects such as cracking or excessive shrinkage. The maximum allowable chloride ion content of all ingredients is 0.10% when tested to AASHTO T260. Air entrainment is not required for temporary shotcrete construction facings. Provide shotcrete with a design compressive strength of 2000 psi in 3 days and 4000 psi in 28 days. Batch aggregate and cement by weight or by volume in accordance with the requirements of ASTM C94 or AASHTO M241/ASTM C6

31 32 36 11-0020	SFI	Dry-Mix Reinforced Gunite Note: sold per inch thickness over one square face foot of area (includes reinforcing steel).	8.50		

31 32 36 11-0021 Steel Fiber Reinforcement for use with Launched Soil Nails™, SuperNails®, SuperMicropiles™, Self-Drilling SuperNails® / SuperMicropiles™ *(31 32 36 11-0016)*

31 32 36 11-0022	SFI	Steel Fiber Reinforcement Note: sold per inch thickness over one square face foot of area	1.25		

31 32 36 11-0023 Steel Mesh and Steel Plates for use with Launched Soil Nails™, SuperNails® and Self Drilling SuperNails® *(31 32 36 11-0001)*

Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 11-0024 Steel Mesh Surface Treatment for use with Launched Soil Nails™, SuperNails® and Self Drilling SuperNails® *(31 32 36 11-0023)*

Note: Furnish Galfan® Coated Steel Mesh for use with Launched Soil Nails™, SuperNails®, or Self Drilling SuperNails® that is a double twisted hexagonal galvanized steel wire mesh manufactured according to ASTM A975-97 guidelines for Double Twisted Hexagonal Mesh Gabions. Alternately, the mesh may be a diamond shaped, three dimensional mesh made with high capacity 3-millimeter diameter wire. Furnish steel plates to connect the mesh to the nail systems described herein. Furnish equipment and incidentals necessary to complete the work. Soil Nail to mesh connection details will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals.

31 32 36 11-0025	SF	High Capacity Diamond Mesh Note: sold per square face foot	11.00		
31 32 36 11-0026	SF	Double Twist Wire Mesh Note: sold per square face foot	13.75		

31 32 36 11-0027 Steel Plates *(31 32 36 11-0023)*

31 32 36 11-0028	EA	8x8 Galvanized Steel Plates	35.00		
31 32 36 11-0029	EA	10x10 Galvanized Steel Plates	54.75		
31 32 36 11-0030	EA	12x12 Galvanized Steel Plates	78.75		
31 32 36 11-0031	EA	8x8 Epoxy Coated Steel Plates	76.00		
31 32 36 11-0032	EA	10x10 Epoxy Coated Steel Plates	89.25		
31 32 36 11-0033	EA	12x12 Epoxy Coated Steel Plates	105.25		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 36 11-0034		**Drilled Horizontal Drains** *(31 32 36 11-0001)* Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).		
31 32 36 11-0035	LF	Drilled PVC Horizontal Drains (up to 2" Diameter)	26.00	
31 32 36 11-0036	LF	Stripdrain - 6" Wide	3.25	
31 32 36 11-0037	LF	Stripdrain - 12" Wide	4.00	
31 32 36 11-0038	LF	PVC Drain Collector Pipe System	26.75	
31 32 36 11-0039		**Rockfall Stabilization** *(31 32 36 11-0001)* Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).		
31 32 36 11-0040	SF	Scaling	3.75	
31 32 36 11-0041	SF	Trim Blasting	155.00	
31 32 36 11-0042	SY	Slope Drape - Double Twist Wire Mesh	45.00	
31 32 36 11-0043	SY	Slope Drape - Cable Net	135.00	
31 32 36 11-0044	SY	Slope Drape - Tecco Mesh (4mm)	135.00	
31 32 36 11-0045	LF	Temporary Rockfall Barrier	500.00	
31 32 36 11-0046	LF	Low Reach Drilling (<25 feet)	25.00	
31 32 36 11-0047	LF	High Reach Drilling (>25 feet)	45.00	
31 32 36 11-0048	LF	Limited Access Drilling	100.00	
31 32 36 11-0049	LF	F&I Rock Dowel - #8 Grade 75 All-Thread Bar (Galvanized)	18.50	
31 32 36 11-0050	LF	F&I Rock Dowel - #8 Grade 75 All-Thread Bar (Epoxy Coated)	15.25	
31 32 36 11-0051	LF	F&I Rock Dowel - #8 Grade 150 All-Thread Bar (Galvanized)	23.25	
31 32 36 11-0052	LF	F&I Rock Dowel - #8 Grade 150 All-Thread Bar (Epoxy Coated)	17.25	
31 32 36 11-0053	LF	F&I Rock Dowel - #10 Grade 75 All-Thread Bar (Galvanized)	23.50	
31 32 36 11-0054	LF	F&I Rock Dowel - #10 Grade 75 All-Thread Bar (Epoxy Coated)	18.75	
31 32 36 11-0055	LF	F&I Rock Dowel - #10 Grade 150 All-Thread Bar (Galvanized)	26.50	
31 32 36 11-0056	LF	F&I Rock Dowel - #10 Grade 150 All-Thread Bar (Epoxy Coated)	21.00	
31 32 36 11-0057	LF	F&I Rock Dowel - #11 Grade 75 All-Thread Bar (Galvanized)	29.25	
31 32 36 11-0058	LF	F&I Rock Dowel - #11 Grade 75 All-Thread Bar (Epoxy Coated)	21.00	
31 32 36 11-0059	LF	F&I Rock Dowel - #11 Grade 150 All-Thread Bar (Galvanized)	34.50	
31 32 36 11-0060	LF	F&I Rock Dowel - #11 Grade 150 All-Thread Bar (Epoxy Coated)	31.75	
31 32 36 11-0061	EA	Rock Anchor Testing	825.00	
31 32 36 11-0062		**Mobilization / Demobilization** *(31 32 36 11-0001)*		
31 32 36 11-0063	EA	Mobilization - In State	10,000.00	
31 32 36 11-0064	EA	Mobilization - Out Of State	25,000.00	
31 32 36 11-0065	EA	Mobilization - Specialty Equipment Adder	9,800.00	
31 32 36 11-0066		**Daily Crew Rates (DCR)** *(31 32 36 11-0001)*		
31 32 36 11-0067	DAY	Soils Stabilization Crew - DCR , Per Workday	13,150.00	
31 32 36 11-0068	DAY	Rockfall Stabilization Crew - DCR, Per Workday	15,200.00	
31 32 36 11-0069	DAY	Compaction Grouting Crew - DCR, Per Workday	12,925.00	
31 32 36 11-0070	DAY	Additional Crew Member/Crew - DCR, Per Workday	2,050.00	
31 32 36 11-0071	EA	Out of State Crew Rotation	4,950.00	
31 32 36 11-0072	EA	Spider Excavation	5,500.00	
31 32 36 13		**Driven Soil Nailing** *(31 32 36)*		
31 32 36 13-0001		**Large Diameter Micropiles** *(31 32 36 13)* Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).		
31 32 36 13-0002	LF	5" Micropiles (with up to 5.5" steel casing)	94.50	
31 32 36 13-0003	LF	7" Micropiles (with up to 7.625" steel casing)	130.25	
31 32 36 13-0004	LF	10" Micropiles (with up to 9.625" steel casing)	166.50	
31 32 36 13-0005	LF	12" Micropiles (with up to 11.875" steel casing)	213.25	
31 32 36 16		**Grouted Soil Nailing** *(31 32 36)*		
31 32 36 16-0001		**Grouting** *(31 32 36 16)* Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 32 36 16-0002 Compaction Grouting *(31 32 36 16-0001)*

Note: A. Furnish compaction grout material manufactured on-site (at the project location) in volumetric batching equipment so that grout rheology can be controlled real-time. The grout shall have a slump of 0.50" to 3.0" depending on the specific requirements of the project and shall conform to the engineering plans developed and submitted by the Contractor. Grout components shall consist of Type I/II cement, potable water and aggregate. Fly Ash may be added to the mix per the engineering plans. All aggregate for the compaction grout material shall meet the following requirements: a. 100% passing the 1/2" sieve b. Less than 2% organics c. No bentonite or other clay of medium to high plasticity shall be used. Site conditions and re-leveling requirements shall determine the exact proportions of cement, water and soil. The grout mix shall generally consist of aggregate with up to 12% cement by weight and water to form a very stiff mortar-like mixture. No admixtures shall be used without the Project Manager's approval, and previous testing. Mix design and test results of grout mixture must be submitted and approved by the Project Manager 15 Days prior to the commencement of the work. A. Gradations of the aggregate material to be utilized shall be submitted as part of the submittal process and prior to any work taking place. B. The compaction grouting mixer shall be of a type to ensure complete mixing of the stiff grout, as approved by the Project Manager. The compaction grout mixer shall be of sufficient capacity to continuously deliver grout having a slump of less than 1.5 inches at pressures up to 1,000 psi, at flow rates ranging from 0.1 to 5.0 cubic feet per minute. Gauges shall be provided at the pump and the grout pipe head to measure pressure the rate of flow. Type and location of gauges shall be as specified by the Contractor. A dial gauge or meter capable of measuring to 0.5 cubic feet or less shall be provided to measure the amount of grout pumped into the hole. A pressure gauge shall be graduated in 10-psi increments or less and used to measure the applied pressure. Compaction grout hose shall have a minimum inside diameter of 2 inches with non-restrictive full flow couplings. The hose shall be of sufficient strength for the pressures anticipated, and shall be in good condition.

31 32 36 16-0003	LF	Compaction Grouting Casing Installation	52.75
31 32 36 16-0004	CF	Compaction Grout Injection for Soils Densification	55.50
31 32 36 16-0005	CF	Compaction Grout For Void Fill	39.00

31 32 36 16-0006 Polyurethane Grouting *(31 32 36 16-0001)*

Note: The material shall be a two part 1:1 ratio by volume, polyurethane-forming mixture, having a water insoluble diluent, which permits the formation of polyurethanes in excess water. The material shall reach 90% Compressive strength in 30 minutes such that traffic may be returned to roadway within 30 minutes after last injection of material. Polyurethane Free-rise Physical Properties Property I Units ASTM Minimum Maximum Density - Lbs./CF D 1622 3.0 Lbs./CF 6.0 Lbs./CF Tensile Strength - psi D 1623 80 psi Compressive Strength at Yield Point - psi D 1621 60 psi Furnish equipment and incidentals necessary to complete the work. Polyurethane grout shall not be used for deep injection (deeper than 3' below bottom of structure) or soils densification, it shall only be used for void filling under structures and for re-leveling. The Contractor shall prepare a profile to determine the areas that require void filling and re-leveling and determine the locations of the injection holes for each treated area. The Contractor shall obtain approval for the final proposed grades and the location of injection holes. The Contractor shall submit a plan for approval of the proposed polyurethane injection methods for the designated project areas. The plan shall include, but not be limited to: proposed diameter of casing (if required), depth of placement, angle of inclination, injection tube spacing, and project staging. The plan shall include monitoring procedures to ensure that damage will not occur to any existing structures due to the injection process. Monitoring devices shall be installed on mechanically stabilized earth retaining systems and between approach slabs and approach slab footings or other components to help prevent damage. The Contractor shall drill a pattern of holes as proposed in his plan. The holes shall be located in a manner that the void filling and structure lifting process does not affect any adjoining structures, such as mechanically stabilized earth retaining walls. Holes shall not be drilled within 4" of the edge of the slab, construction joints or major cracks. No more holes shall be drilled and tubes installed during the day than can be filled during that day. On bridge approach and roadway projects, and as applicable, the initial lift shall be at the sleeper footer. The Contractor shall lift the sleeper footer and the approach slab to the desired elevation by injecting material under the structures with care to assure that polyurethane material is not placed between the sleeper footer and the approach slab. The amount of rise shall be controlled by regulating the rate of injection of the high density polyurethane material. When the nozzle is removed from the hole, any excessive polyurethane material shall be removed from the area.

31 32 36 16-0007	LB	Polyurethane Grouting For Void Fill and Re-Leveling	11.50

31 32 36 19 Corrosion-Protected Soil Nailing *(31 32 36)*

31 32 36 19-0001 Self-Drilling SuperNails® / SuperMicropiles™ *(31 32 36 19)*

Note: Furnish Self-Drilling SuperNails® / SuperMicropiles™ that consist of a hollow, threaded bar with a sacrificial drill bit. Multiple bars may be coupled to produce final length. Bar thread pattern should be continuous and conform to the pullout requirements of ASTM A 615 (Williams Form Engineering B7X or Ischebeck Titan bars, or approved equivalent). R-thread bars, bars/couplers made from high carbon (>0.20%) or high phosphorous (>0.06%) steels, or bars/couplers made from steels that do not meet the tensile ductility requirements of ASTM A 615 shall not be used for any tensile applications. Bar outer diameters shall be a minimum of 1.5 inches and up to and 3 inches depending on design load. Corrosion Protection for Self Drilling Nails shall follow current FHWA guidance. Inserted length and spacing of Self-Drilling SuperNails® / SuperMicropiles™ will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals. Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 19-0002 Self-Drilling SuperNails® *(31 32 36 19-0001)*

31 32 36 19-0003	EA	Self Drilling SuperNails® Up To 10 Ft. Length	559.00
31 32 36 19-0004	EA	Self Drilling SuperNails® Up To 20 Ft. Length	939.25
31 32 36 19-0005	EA	Self Drilling SuperNails® Up To 30 Ft. Length	1,305.75
31 32 36 19-0006	EA	Self Drilling SuperNails® Up To 40 Ft. Length	1,735.75
31 32 36 19-0007	EA	Self Drilling SuperNails® Up To 50 Ft. Length	2,119.75
31 32 36 19-0008	EA	Self Drilling SuperNails® Up To 60 Ft. Length	2,459.25
31 32 36 19-0009	EA	Self Drilling SuperNails® Up To 70 Ft. Length	2,879.25
31 32 36 19-0010	EA	Self Drilling SuperNails® Up To 80 Ft. Length	3,253.50
31 32 36 19-0011	EA	Additional Cost for 10' High Capacity X-51 Bar	129.50

31 32 36 19-0012 SuperNail® Testing *(31 32 36 19)*

Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 36 19-0013	EA	SuperNail® Proof Testing	769.00	
31 32 36 19-0014	EA	SuperNail® Verification Testing	2,339.75	

31 32 36 26 Launched Soil Nailing *(31 32 36)*

31 32 36 26-0001 Launched SuperDrain™ (Horizontal Drains) *(31 32 36 26)*

Note: Furnish Launched SuperDrain™ up to 20 feet in length composed of a tube (1.5 inch outside diameter, 0.120 inch wall thickness hot-dipped galvanized 36ksi steel (ASTM A513) that is mechanically deformed or GalvaDized™ to produce a plurality of surficial asperities). Drainage perforations consist of 0.5-inch diameter holes drilled or torch-cut at 6 inch spacing along the distal 5 feet of nail. Every other hole is rotated 90º about the longitudinal axis of the nail. Furnish equipment and incidentals necessary to complete the work. Insert Launched SuperDrain™ with a single stroke at initial velocities in excess of 200 miles per hour. Inserted length and spacing will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals. Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 26-0002	EA	GalvaDized™ SuperDrain™ - Up To 20' Note: perforated GalvaDized™ steel tube up to 20 ft. length.	605.00	
31 32 36 26-0003	EA	Fiberglass SuperNail® - Up To 20' Note: perforated fiberglass tube up to 20 ft. length, pressure grouted with #6 epoxy coated inner Bar.	621.50	
31 32 36 26-0004	EA	GalvaDized™ SuperNail® - Up To 20' Note: perforated GalvaDized™ steel tube up to 20 ft. length, pressure grouted with #6 epoxy coated inner Bar.	478.50	
31 32 36 26-0005	EA	Temporary Launched Soil Nail Note: bare steel tube up to 20 ft. length.	379.50	
31 32 36 26-0006	EA	Fiberglass SuperDrain™ Note: perforated fiberglass tube up to 20 ft. length.	495.00	
31 32 36 26-0007	EA	GalvaDized™ SuperDrain™ Note: perforated GalvaDized™ steel tube up to 20 ft. length.	379.50	

31 32 36 29 Drilled Soil Nailing *(31 32 36)*

31 32 36 29-0001 Drilled SuperNails® (Permanently Cased Soil Nails) *(31 32 36 29)*

Note: Furnish SuperNails® that are a three stage construction including installation of (1) an outer tube (1.5 inch outside diameter, 0.120 inch wall thickness hot-dipped galvanized steel tube that is mechanically deformed or GalvaDized™ to produce a plurality of surficial asperities); (2) neat cement grout that completely encases and fills the outer tube; and (3) immediately install an epoxy coated, #6 (or greater) grade 75 thread bar as the inner bar. SuperNails® may be in lengths up to 60 feet. Although field adjustments in design may be allowed on certain projects (subject to approval by the Contractor's Engineer and the Owner) bidding an equivalent system is not allowed (i.e. the winning bidder must have the ability to install the above system). Furnish equipment and incidentals necessary to complete the work. Insert SuperNail® outer tubes with a single stroke at initial velocities in excess of 200 miles per hour or by drilling a hole to a prescribed depth and inserting the outer tube. Fill the outer tube with neat cement grout and immediately insert a #6 or larger epoxy coated inner thread bar. Inserted length and spacing will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals. Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 29-0002	EA	Drilled GalvaDized™ SuperNail® Up To 10 Ft. Length Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.	602.25	
31 32 36 29-0003	EA	Drilled GalvaDized™ SuperNail® Up To 20 Ft. Length Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.	693.50	
31 32 36 29-0004	EA	Drilled GalvaDized™ SuperNail® Up To 30 Ft. Length Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.	921.50	
31 32 36 29-0005	EA	Drilled GalvaDized™ SuperNail® Up To 40 Ft. Length Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.	1,056.00	
31 32 36 29-0006	EA	Drilled GalvaDized™ SuperNail® Up To 50 Ft. Length Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.	1,171.50	
31 32 36 29-0007	EA	Drilled GalvaDized™ SuperNail® Up To 60 Ft. Length Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.	1,376.50	
31 32 36 29-0008	EA	Drilled GalvaDized™ SuperNail® Up To 70 Ft. Length Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.	1,624.75	
31 32 36 29-0009	EA	Drilled GalvaDized™ SuperNail® Up To 80 Ft. Length Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.	1,872.75	

31 32 36 33 Drilled / Launched Soil Nailing *(31 32 36)*

31 32 36 33-0001 Drilled / Launched SuperMicropiles™ *(31 32 36 33)*

Note: Furnish SuperMicropiles™ that are a three stage construction including installation of (1) an outer tube (1.5 inch outside diameter, 0.120 inch wall thickness hot-dipped galvanized steel tube that is mechanically deformed or GalvaDized™ to produce a plurality of surficial asperities); (2) neat cement grout that completely encases and fills the outer tube; and (3) immediately install an epoxy coated, #6 (or greater) grade 75 thread bar as the inner bar. SuperMicropiles™ may be in lengths up to 60 feet. Although field adjustments in design may be allowed on certain projects (subject to approval by the Contractor's Engineer and the Owner) bidding an equivalent system is not allowed (i.e. the winning bidder must have the ability to install the above system). Furnish equipment and incidentals necessary to complete the work. Insert SuperMicropile™ outer tubes with a single stroke at initial velocities in excess of 200 miles per hour or by drilling a hole to a prescribed depth and inserting the outer tube. Fill the outer tube with neat cement grout and immediately insert a #6 or larger epoxy coated inner thread bar. Inserted length and spacing will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals.

31 32 36 33-0002	EA	Drilled / Launched GalvaDized™ SuperMicropiles™ Up To 20 Ft. Length Note: GalvaDized™ steel tube, grouted with #6 epoxy coated inner Bar.	695.00	
31 32 36 33-0003	EA	Drilled / Launched GalvaDized™ SuperMicropiles™ Up To 30 Ft. Length Note: GalvaDized™ steel tube, grouted with #6 epoxy coated inner Bar.	1,020.00	
31 32 36 33-0004	EA	Drilled / Launched GalvaDized™ SuperMicropiles™ Up To 40 Ft. Length Note: GalvaDized™ steel tube, grouted with #6 epoxy coated inner Bar.	1,280.00	
31 32 36 33-0005	EA	Drilled / Launched GalvaDized™ SuperMicropiles™ Up To 50 Ft. Length Note: GalvaDized™ steel tube, grouted with #6 epoxy coated inner Bar.	1,540.00	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 35 Slope Protection *(31 30)*

31 35 19 Geosynthetic Slope Protection *(31 35)*

31 35 19 19 Slope Protection with Mulch Control Netting *(31 35 19)*

Note: Includes stakes.

31 35 19 19-0001 Erosion Control Fabric *(31 35 19 19)*

31 35 19 19-0002	SY	26.6 Oz./SY Erosion Control Fabric (Belton Industries Geocoir 900)	5.74

31 36 Gabions *(31 30)*

Note: Includes the cost for loading, hauling up to 15 miles from the closest approved source, unloading and placing. See CSI section 01 74 19 00-0040 for hauling greater than 15 miles.

31 36 13 Gabion Boxes *(31 36)*

31 36 13 00-0001 Stone Filled Gabion Slope Protection *(31 36 13)*

Note: Machine placed by SY of total top face area for depth indicated.

31 36 13 00-0002	SY	6" Deep Stone Filled Gabion Slope Protection	81.57
31 36 13 00-0003	SY	9" Deep Stone Filled Gabion Slope Protection	96.01
31 36 13 00-0004	SY	12" Deep Stone Filled Gabion Slope Protection	115.17
31 36 13 00-0005	SY	15" Deep Stone Filled Gabion Slope Protection	136.30
31 36 13 00-0006	SY	18" Deep Stone Filled Gabion Slope Protection	160.14
31 36 13 00-0007	SY	24" Deep Stone Filled Gabion Slope Protection	218.98
31 36 13 00-0008	SY	36" Deep Stone Filled Gabion Slope Protection	276.57

31 37 Riprap *(31 30)*

Note: Includes the cost for loading, hauling up to 15 miles from the closest approved source, and dumping. See CSI section 01 74 19 00-0040 for hauling section for greater than 15 miles.

31 37 13 Machined Riprap *(31 37)*

31 37 13 00-0001 Random - Filter Stone *(31 37 13)*

31 37 13 00-0002	CY	10 To 50 Lb. Average Pieces Random, Dumped From Truck, Rip Rap	87.25
		For Chinking Material, Add	*15.10*
31 37 13 00-0003	CY	>50 To 100 Lb. Average Pieces Random, Dumped From Truck, Rip Rap	101.44
		For Chinking Material, Add	*15.10*
31 37 13 00-0004	CY	>100 To 200 Lb. Average Pieces Random, Dumped From Truck, Rip Rap	108.12
		For Chinking Material, Add	*15.10*
31 37 13 00-0005	CY	>200 To 300 Lb. Average Pieces Random, Dumped From Truck, Rip Rap	115.73
		For Chinking Material, Add	*15.10*
31 37 13 00-0006	CY	>300 To 600 Lb. Average Pieces Random, Dumped From Truck, Rip Rap	121.86
		For Chinking Material, Add	*15.10*
31 37 13 00-0007	CY	>600 Lb. Average Pieces Random, Dumped From Truck, Rip Rap	131.89
31 37 13 00-0008	CY	3/8 To 1/4 CY Pieces Random, Dumped From Truck, Machine Spread And Placed Slope Protection (Keyed) Rip Rap	152.91
31 37 13 00-0009	TON	10 To 50 Lb. Average Pieces Random, Dumped From Truck, Rip Rap	57.74
31 37 13 00-0010	TON	>50 To 100 Lb. Average Pieces Random, Dumped From Truck, Rip Rap	66.75
31 37 13 00-0011	TON	>100 To 200 Lb. Average Pieces Random, Dumped From Truck, Rip Rap	70.99
31 37 13 00-0012	TON	>200 To 300 Lb. Average Pieces Random, Dumped From Truck, Rip Rap	75.82
31 37 13 00-0013	TON	>300 To 600 Lb. Average Pieces Random, Dumped From Truck, Rip Rap	79.72
31 37 13 00-0014	TON	>600 Lb. Average Pieces Random, Dumped From Truck, Rip Rap	86.16
31 37 13 00-0015	TON	3/8 To 1/4 CY Pieces Random, Dumped From Truck, Machine Spread And Placed Slope Protection (Keyed) Rip Rap	103.01

31 37 16 Non-Machined Riprap *(31 37)*

31 37 16 13 Rubble-Stone Riprap *(31 37 16)*

31 37 16 13-0001 Rock Slope Protection *(31 37 16 13)*

31 37 16 13-0002	TON	1 Lb. Average Pieces Random, Dumped From Truck, Rock Slope Protection	52.44
31 37 16 13-0003	TON	5 Lb. Average Pieces Random, Dumped From Truck, Rock Slope Protection	55.62
31 37 16 13-0004	TON	25 Lb. Average Pieces Random, Dumped From Truck, Rock Slope Protection	57.74
31 37 16 13-0005	TON	75 Lb. Average Pieces Random, Dumped From Truck, Rock Slope Protection	66.75
31 37 16 13-0006	TON	200 Lb. Average Pieces Random, Dumped From Truck, Rock Slope Protection	70.99
31 37 16 13-0007	TON	1/4 Ton Average Pieces Random, Dumped From Truck, Rock Slope Protection	79.72
31 37 16 13-0008	TON	1 Ton Average Pieces Random, Dumped From Truck, Rock Slope Protection	86.16
31 37 16 13-0009	TON	2 Ton Average Pieces Random, Dumped From Truck, Rock Slope Protection	93.25
31 37 16 13-0010	TON	4 Ton Average Pieces Random, Dumped From Truck, Rock Slope Protection	103.88

31 40 Shoring and Underpinning *(31)*

31 41 Shoring *(31 40)*

31 41 13 Timber Shoring *(31 41)*

31 41 13 00-0001 Wood Sheet Piling *(31 41 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 41 13 00-0002 **Pull And Salvage** *(31 41 13 00-0001)*
Note: Includes soldier beams and lagging (wales, braces and spacers). Excludes tie-back (rock bolting) where required and excavation.

31 41 13 00-0003	SF	8' Deep Excavation, Wood Shoring, Pull And Salvage	15.98	
		For Wood Sheeting Left In Place	*-1.16*	
31 41 13 00-0004	SF	10' Deep Excavation, Wood Shoring, Pull And Salvage	17.28	
		For Wood Sheeting Left In Place	*-1.40*	
31 41 13 00-0005	SF	12' Deep Excavation, Wood Shoring, Pull And Salvage	18.71	
		For Wood Sheeting Left In Place	*-1.65*	
31 41 13 00-0006	SF	14' Deep Excavation, Wood Shoring, Pull And Salvage	20.23	
		For Wood Sheeting Left In Place	*-1.96*	
31 41 13 00-0007	SF	16' Deep Excavation, Wood Shoring, Pull And Salvage	21.91	
		For Wood Sheeting Left In Place	*-2.28*	
31 41 13 00-0008	SF	18' Deep Excavation, Wood Shoring, Pull And Salvage	23.73	
		For Wood Sheeting Left In Place	*-2.65*	
31 41 13 00-0009	SF	20' Deep Excavation, Wood Shoring, Pull And Salvage	25.71	
		For Wood Sheeting Left In Place	*-3.04*	

31 41 16 Sheet Piling *(31 41)*

31 41 16 13 Steel Sheet Piling *(31 41 16)*

31 41 16 13-0001 **Standard Carbon Grade Steel Sheeting - Pull And Salvage** *(31 41 16 13)*
Note: Up to 3 months. 38.5 KSI steel per SF minimum. Pounds per square foot (PSF) indicated is for the weight of the material per square foot. Includes soldier beams and lagging (wales, braces and spacers). Excludes tie-back (rock bolting) where required and excavation.

31 41 16 13-0002	TON	Driven Steel Sheet Piling, 15' Excavation, 22 Pounds Per Square Foot (PSF) Steel Sheeting, Pull And Salvage	2,252.22	
		For Standard Sheeting Left In Place, Add	*1,311.65*	
		For Lightweight Steel Sheeting 8.6 And 9.2 Pounds Per Square Foot (PSF) Left In Place, Add	*1,263.85*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*107.55*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*119.50*	
		For Lightweight Steel Sheeting 8.6 And 9.2 Pounds Per Square Foot (PSF), Add	*370.44*	
		For Each Additional Month >3 Months, Add	*59.75*	
31 41 16 13-0003	TON	Driven Steel Sheet Piling, 20' Excavation, 27 Pounds Per Square Foot (PSF) Steel Sheeting, Pull And Salvage	2,341.38	
		For Standard Sheeting Left In Place, Add	*1,267.07*	
		For Lightweight Steel Sheeting 8.6 And 9.2 Pounds Per Square Foot (PSF) Left In Place, Add	*1,219.27*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*107.55*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*119.50*	
		For Lightweight Steel Sheeting 8.6 And 9.2 Pounds Per Square Foot (PSF), Add	*370.44*	
		For Each Additional Month >3 Months, Add	*59.75*	
31 41 16 13-0004	TON	Driven Steel Sheet Piling, 25' Excavation, 38 Pounds Per Square Foot (PSF) Steel Sheeting, Pull And Salvage	2,755.84	
		For Standard Sheeting Left In Place, Add	*1,059.84*	
		For Lightweight Steel Sheeting 8.6 And 9.2 Pounds Per Square Foot (PSF) Left In Place, Add	*1,012.04*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*107.55*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*119.50*	
		For Lightweight Steel Sheeting 8.6 And 9.2 Pounds Per Square Foot (PSF), Add	*370.44*	
		For Each Additional Month >3 Months, Add	*59.75*	
31 41 16 13-0005	TON	Driven Steel Sheet Piling, 30' Excavation, 38 Pounds Per Square Foot (PSF) Steel Sheeting, Pull And Salvage	3,154.67	
		For Standard Sheeting Left In Place, Add	*860.42*	
		For Lightweight Steel Sheeting 8.6 And 9.2 Pounds Per Square Foot (PSF) Left In Place, Add	*812.63*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*107.55*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*119.50*	
		For Lightweight Steel Sheeting 8.6 And 9.2 Pounds Per Square Foot (PSF), Add	*370.44*	
		For Each Additional Month >3 Months, Add	*59.75*	
31 41 16 13-0006	TON	Driven Steel Sheet Piling, 35' Excavation, 38 Pounds Per Square Foot (PSF) Steel Sheeting, Pull And Salvage	3,389.28	
		For Standard Sheeting Left In Place, Add	*743.12*	
		For Lightweight Steel Sheeting 8.6 And 9.2 Pounds Per Square Foot (PSF) Left In Place, Add	*695.32*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*107.55*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*119.50*	
		For Lightweight Steel Sheeting 8.6 And 9.2 Pounds Per Square Foot (PSF), Add	*370.44*	
		For Each Additional Month >3 Months, Add	*59.75*	
31 41 16 13-0007	TON	Driven Steel Sheet Piling, 40' Excavation, 38 Pounds Per Square Foot (PSF) Steel Sheeting, Pull And Salvage	3,628.57	
		For Standard Sheeting Left In Place, Add	*623.47*	
		For Lightweight Steel Sheeting 8.6 And 9.2 Pounds Per Square Foot (PSF) Left In Place, Add	*575.68*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*107.55*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*119.50*	
		For Lightweight Steel Sheeting 8.6 And 9.2 Pounds Per Square Foot (PSF), Add	*370.44*	
		For Each Additional Month >3 Months, Add	*59.75*	

31 41 16 13-0008 **Steel Shoring Plates** *(31 41 16 13)*

31 41 16 13-0009	EA	1/2" x 12" x 12" Steel Plate For Shoring	37.21	

31 43 Concrete Raising *(31 40)*

31 43 13 Pressure Grouting *(31 43)*

31 43 13 16 Polyurethane Pressure Grouting *(31 43 13)*

31 43 13 16-0001 **PolyLift™ Concrete Injection For Lifting And Leveling** *(31 43 13 16)*

31 43 13 16-0002	EA	Minimum Charge For Mobilization PolyLift™ Concrete Lifting And Leveling	4,023.86	
31 43 13 16-0003	LB	Up To 1,000 Lb. PolyLift™ Concrete Injection For Lifting And Leveling Note: Per pound of material.	33.70	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 43 13 16-0004	LB	>1,000 Lb. PolyLift™ Concrete Injection For Lifting And Leveling Note: Per pound of material.	28.23	

31 45 Vibroflotation and Densification *(31 40)*

31 45 13 Vibroflotation *(31 45)*

31 45 13 00-0001	LCY	Soil Stabilization, Vibroflotation	20.02	

31 50 Excavation Support and Protection *(31)*

31 52 Cofferdams *(31 50)*

31 52 21 Portable Cofferdams *(31 52)*

31 52 21 00-0001 Portable Cofferdams *(31 52 21)*
Note: Excludes dewatering and pumps.

31 52 21 00-0002 Portable Cofferdam Rental *(31 52 21 00-0001)*
Note: Excludes delivery and installation.

31 52 21 00-0003	LF	3' High x 7' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'	53.00	
31 52 21 00-0004	LF	4' High x 9' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'	67.84	
31 52 21 00-0005	LF	5' High x 11' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'	95.40	
31 52 21 00-0006	LF	6' High x 13' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'	122.97	
31 52 21 00-0007	LF	8' High x 17' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'	159.01	
31 52 21 00-0008	LF	10' High x 21' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'	318.02	
31 52 21 00-0009	LF	12' High x 25' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'	445.22	
31 52 21 00-0010	LF	16' High x 33' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'	629.67	

31 52 21 00-0011 Delivery And Set-up For Portable Cofferdam *(31 52 21 00-0001)*
Note: Excludes crane usage where required. See CSI section 01 22 23 00-0846 for crane lifting equipment.

31 52 21 00-0012	LF	Delivery And Set-up For Up To 5' High, Portable Cofferdam, In Dynamic (Rivers Or Streams) Water	13.08
31 52 21 00-0013	LF	Delivery And Set-up For 6' To 8' High, Portable Cofferdam, In Dynamic (Rivers Or Streams) Water	20.92
31 52 21 00-0014	LF	Delivery And Set-up For 10' To 12' High, Portable Cofferdam, In Dynamic (Rivers Or Streams) Water	31.38
31 52 21 00-0015	LF	Delivery And Set-up For 16' High, Portable Cofferdam, In Dynamic (Rivers Or Streams) Water	41.85
31 52 21 00-0016	LF	Delivery And Set-up For Up To 5' High, Portable Cofferdam, In Static (Lakes Or Ponds) Water	7.84
31 52 21 00-0017	LF	Delivery And Set-up For 6' To 8' High, Portable Cofferdam, In Static (Lakes Or Ponds) Water	13.08
31 52 21 00-0018	LF	Delivery And Set-up For 10' To 12' High, Portable Cofferdam, In Static (Lakes Or Ponds) Water	20.92
31 52 21 00-0019	LF	Delivery And Set-up For 16' High, Portable Cofferdam, In Static (Lakes Or Ponds) Water	28.78

31 52 21 00-0020 Portable Cofferdam Repositioning *(31 52 21 00-0001)*

31 52 21 00-0021	LF	Up To 5' High, Portable Cofferdam, Repositioning	6.54
31 52 21 00-0022	LF	6' To 8' High, Portable Cofferdam, Repositioning	10.46
31 52 21 00-0023	LF	10' To 12' High, Portable Cofferdam, Repositioning	15.70
31 52 21 00-0024	LF	16' High, Portable Cofferdam, Repositioning	20.92

31 60 Special Foundations and Load-bearing Elements *(31)*

31 62 Driven Piles *(31 60)*

31 62 13 Concrete Piles *(31 62)*

31 62 13 23 Prestressed Concrete Piles *(31 62 13)*

31 62 13 23-0001 Square Prestressed Driven Concrete Piles *(31 62 13 23)*

31 62 13 23-0002	VLF	10" Square Prestressed Driven Concrete Pile	36.33	
		For Piles Driven In Water, Add		*17.21*
31 62 13 23-0003	VLF	12" Square Prestressed Driven Concrete Pile	45.71	
		For Piles Driven In Water, Add		*19.41*
31 62 13 23-0004	VLF	14" Square Prestressed Driven Concrete Pile	55.53	
		For Piles Driven In Water, Add		*21.38*
31 62 13 23-0005	VLF	16" Square Prestressed Driven Concrete Pile	68.18	
		For Piles Driven In Water, Add		*23.77*
31 62 13 23-0006	VLF	18" Square Prestressed Driven Concrete Pile	82.91	
		For Piles Driven In Water, Add		*26.55*
31 62 13 23-0007	VLF	20" Square Prestressed Driven Concrete Pile	95.99	
		For Piles Driven In Water, Add		*29.38*
31 62 13 23-0008	VLF	24" Square Prestressed Driven Concrete Pile	122.66	
		For Piles Driven In Water, Add		*33.85*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 62 13 23-0009		**Octagonal Prestressed Driven Concrete Piles** *(31 62 13 23)*		
31 62 13 23-0010	VLF	12" Octagonal Prestressed Driven Concrete Pile	40.89	
		For Piles Driven In Water, Add	*18.06*	
31 62 13 23-0011	VLF	14" Octagonal Prestressed Driven Concrete Pile	50.31	
		For Piles Driven In Water, Add	*19.87*	
31 62 13 23-0012	VLF	16" Octagonal Prestressed Driven Concrete Pile	59.86	
		For Piles Driven In Water, Add	*21.81*	
31 62 13 23-0013	VLF	18" Octagonal Prestressed Driven Concrete Pile	71.69	
		For Piles Driven In Water, Add	*24.13*	
31 62 13 23-0014	VLF	20" Octagonal Prestressed Driven Concrete Pile	76.30	
		For Piles Driven In Water, Add	*25.89*	
31 62 13 23-0015	VLF	24" Octagonal Prestressed Driven Concrete Pile	81.17	
		For Piles Driven In Water, Add	*27.90*	
31 62 13 23-0016		**Straight Cylinder Prestressed Driven Concrete Piles** *(31 62 13 23)*		
31 62 13 23-0017	VLF	12" Diameter, 2-3/8" Wall, Straight Cylinder Prestressed Driven Concrete Pile	59.09	
		For Piles Driven In Water, Add	*19.09*	
31 62 13 23-0018	VLF	14" Diameter, 2-1/2" Wall, Straight Cylinder Prestressed Driven Concrete Pile	70.11	
		For Piles Driven In Water, Add	*20.98*	
31 62 13 23-0019	VLF	16" Diameter, 3" Wall, Straight Cylinder Prestressed Driven Concrete Pile	83.15	
		For Piles Driven In Water, Add	*23.16*	
31 62 13 23-0020	VLF	18" Diameter, 3-1/2" Wall, Straight Cylinder Prestressed Driven Concrete Pile	94.12	
		For Piles Driven In Water, Add	*25.23*	
31 62 13 23-0021	VLF	20" Diameter, 4" Wall, Straight Cylinder Prestressed Driven Concrete Pile	118.42	
		For Piles Driven In Water, Add	*28.80*	
31 62 13 23-0022	VLF	24" Diameter, 5" Wall, Straight Cylinder Prestressed Driven Concrete Pile	146.48	
		For Piles Driven In Water, Add	*32.91*	
31 62 16		**Steel Piles** *(31 62)*		
31 62 16 16		**Steel H Piles** *(31 62 16)*		
31 62 16 16-0001		**Rolled, Driven Steel H Piles** *(31 62 16 16)*		
31 62 16 16-0002	VLF	8" x 8" x 36 Lb./FT, Rolled, Driven Steel H Pile	36.34	
		For Piles Driven In Water, Add	*18.48*	
31 62 16 16-0003	VLF	10" x 10" x 42 Lb./FT, Rolled, Driven Steel H Pile	40.47	
		For Piles Driven In Water, Add	*19.63*	
31 62 16 16-0004	VLF	10" x 10" x 57 Lb./FT, Rolled, Driven Steel H Pile	48.74	
		For Piles Driven In Water, Add	*20.45*	
31 62 16 16-0005	VLF	12" x 12" x 53 Lb./FT, Rolled, Driven Steel H Pile	47.05	
		For Piles Driven In Water, Add	*20.74*	
31 62 16 16-0006	VLF	12" x 12" x 63 Lb./FT, Rolled, Driven Steel H Pile	52.56	
		For Piles Driven In Water, Add	*21.29*	
31 62 16 16-0007	VLF	12" x 12" x 74 Lb./FT, Rolled, Driven Steel H Pile	60.11	
		For Piles Driven In Water, Add	*23.38*	
31 62 16 16-0008	VLF	12" x 12" x 84 Lb./FT, Rolled, Driven Steel H Pile	65.62	
		For Piles Driven In Water, Add	*23.93*	
31 62 16 16-0009	VLF	14" x 14" x 73 Lb./FT, Rolled, Driven Steel H Pile	60.04	
		For Piles Driven In Water, Add	*23.81*	
31 62 16 16-0010	VLF	14" x 14" x 89 Lb./FT, Rolled, Driven Steel H Pile	69.41	
		For Piles Driven In Water, Add	*24.74*	
31 62 16 16-0011	VLF	14" x 14" x 102 Lb./FT, Rolled, Driven Steel H Pile	77.68	
		For Piles Driven In Water, Add	*27.06*	
31 62 16 16-0012	VLF	14" x 14" x 117 Lb./FT, Rolled, Driven Steel H Pile	86.50	
		For Piles Driven In Water, Add	*27.94*	
31 62 16 16-0013		**Splices, Caps, And Points For H-Piles** *(31 62 16 16)*		
31 62 16 16-0014		**Rolled Steel H Pile Splices** *(31 62 16 16-0013)*		
31 62 16 16-0015	EA	8" Rolled Steel H Pile Splice	351.11	
31 62 16 16-0016	EA	10" Rolled Steel H Pile Splice	390.28	
31 62 16 16-0017	EA	12" Rolled Steel H Pile Splice	537.73	
31 62 16 16-0018	EA	14" Rolled Steel H Pile Splice	557.31	
31 62 16 16-0019		**Rolled Steel H Driving Caps** *(31 62 16 16-0013)*		
31 62 16 16-0020	EA	8" Rolled Steel H Driving Cap	3,270.04	
31 62 16 16-0021	EA	10" Rolled Steel H Driving Cap	3,270.04	
31 62 16 16-0022	EA	12" Rolled Steel H Driving Cap	3,337.15	
31 62 16 16-0023	EA	14" Rolled Steel H Driving Cap	5,001.91	
31 62 16 16-0024		**Rolled Steel H Standard Pile Points** *(31 62 16 16-0013)*		
31 62 16 16-0025	EA	8" Rolled Steel H Standard Pile Point	370.70	
31 62 16 16-0026	EA	10" Rolled Steel H Standard Pile Point	390.28	
31 62 16 16-0027	EA	12" Rolled Steel H Standard Pile Point	537.73	
31 62 16 16-0028	EA	14" Rolled Steel H Standard Pile Point	596.48	
31 62 16 16-0029	EA	10" Rolled Steel H Standard Pile Point	537.73	
31 62 16 16-0030	EA	14" Rolled Steel H Standard Pile Point	634.42	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 62 16 19 Unfilled Tubular Steel Piles *(31 62 16)*

31 62 16 19-0001 Unfilled Tubular Driven Steel Piles *(31 62 16 19)*

31 62 16 19-0002	VLF	8" Diameter x 29 Lb./FT, Unfilled Tubular Driven Steel Pile	54.12
		For Piles Driven In Water, Add	*24.40*
31 62 16 19-0003	VLF	8" Diameter x 36 Lb./FT, Unfilled Tubular Driven Steel Pile	62.38
		For Piles Driven In Water, Add	*25.23*
31 62 16 19-0004	VLF	8" Diameter x 43 Lb./FT, Unfilled Tubular Driven Steel Pile	71.29
		For Piles Driven In Water, Add	*26.12*
31 62 16 19-0005	VLF	10" Diameter x 34 Lb./FT, Unfilled Tubular Driven Steel Pile	62.38
		For Piles Driven In Water, Add	*25.23*
31 62 16 19-0006	VLF	10" Diameter x 41 Lb./FT, Unfilled Tubular Driven Steel Pile	70.22
		For Piles Driven In Water, Add	*26.01*
31 62 16 19-0007	VLF	10" Diameter x 55 Lb./FT, Unfilled Tubular Driven Steel Pile	87.56
		For Piles Driven In Water, Add	*27.75*
31 62 16 19-0008	VLF	12" Diameter x 42 Lb./FT, Unfilled Tubular Driven Steel Pile	73.22
		For Piles Driven In Water, Add	*27.32*
31 62 16 19-0009	VLF	12" Diameter x 50 Lb./FT, Unfilled Tubular Driven Steel Pile	82.40
		For Piles Driven In Water, Add	*28.24*
31 62 16 19-0010	VLF	12" Diameter x 54 Lb./FT, Unfilled Tubular Driven Steel Pile	87.50
		For Piles Driven In Water, Add	*28.75*
31 62 16 19-0011	VLF	12" Diameter x 65 Lb./FT, Unfilled Tubular Driven Steel Pile	101.78
		For Piles Driven In Water, Add	*30.18*
31 62 16 19-0012	VLF	14" Diameter x 46 Lb./FT, Unfilled Tubular Driven Steel Pile	79.21
		For Piles Driven In Water, Add	*30.01*
31 62 16 19-0013	VLF	14" Diameter x 55 Lb./FT, Unfilled Tubular Driven Steel Pile	89.60
		For Piles Driven In Water, Add	*31.05*
31 62 16 19-0014	VLF	14" Diameter x 64 Lb./FT, Unfilled Tubular Driven Steel Pile	99.99
		For Piles Driven In Water, Add	*32.09*
31 62 16 19-0015	VLF	14" Diameter x 72 Lb./FT, Unfilled Tubular Driven Steel Pile	110.37
		For Piles Driven In Water, Add	*33.12*
31 62 16 19-0016	VLF	16" Diameter x 52 Lb./FT, Unfilled Tubular Driven Steel Pile	88.14
		For Piles Driven In Water, Add	*33.48*
31 62 16 19-0017	VLF	16" Diameter x 63 Lb./FT, Unfilled Tubular Driven Steel Pile	100.28
		For Piles Driven In Water, Add	*34.70*
31 62 16 19-0018	VLF	16" Diameter x 83 Lb./FT, Unfilled Tubular Driven Steel Pile	123.96
		For Piles Driven In Water, Add	*37.07*
31 62 16 19-0019	VLF	18" Diameter x 59 Lb./FT, Unfilled Tubular Driven Steel Pile	108.62
		For Piles Driven In Water, Add	*37.62*
31 62 16 19-0020	VLF	18" Diameter x 71 Lb./FT, Unfilled Tubular Driven Steel Pile	124.40
		For Piles Driven In Water, Add	*39.20*
31 62 16 19-0021	VLF	18" Diameter x 93 Lb./FT, Unfilled Tubular Driven Steel Pile	154.37
		For Piles Driven In Water, Add	*42.19*

31 62 16 19-0022 Splices And Points For Pipe Piles *(31 62 16 19)*

31 62 16 19-0023 Steel Pipe Pile Splices *(31 62 16 19-0022)*

31 62 16 19-0024	EA	8" Diameter, Steel Pipe Pile Splice	363.67
31 62 16 19-0025	EA	10" Diameter, Steel Pipe Pile Splice	396.15
31 62 16 19-0026	EA	12" Diameter, Steel Pipe Pile Splice	510.03
31 62 16 19-0027	EA	14" Diameter, Steel Pipe Pile Splice	542.07
31 62 16 19-0028	EA	16" Diameter, Steel Pipe Pile Splice	662.61
31 62 16 19-0029	EA	18" Diameter, Steel Pipe Pile Splice	807.37

31 62 16 19-0030 Steel Pipe Standard Pile Points *(31 62 16 19-0022)*

31 62 16 19-0031	EA	8" Diameter, Steel Pipe Standard Pile Point	350.62
31 62 16 19-0032	EA	10" Diameter, Steel Pipe Standard Pile Point	376.64
31 62 16 19-0033	EA	12" Diameter, Steel Pipe Standard Pile Point	428.88
31 62 16 19-0034	EA	14" Diameter, Steel Pipe Standard Pile Point	500.43
31 62 16 19-0035	EA	16" Diameter, Steel Pipe Standard Pile Point	565.47
31 62 16 19-0036	EA	18" Diameter, Steel Pipe Standard Pile Point	650.24

31 62 16 19-0037 Steel Pipe Heavy-Duty Pile Points *(31 62 16 19-0022)*

31 62 16 19-0038	EA	10" Diameter, Steel Pipe Heavy-Duty Pile Point	507.15
31 62 16 19-0039	EA	12" Diameter, Steel Pipe Heavy-Duty Pile Point	539.67
31 62 16 19-0040	EA	14" Diameter, Steel Pipe Heavy-Duty Pile Point	608.68
31 62 16 19-0041	EA	16" Diameter, Steel Pipe Heavy-Duty Pile Point	738.77
31 62 16 19-0042	EA	18" Diameter, Steel Pipe Heavy-Duty Pile Point	845.77

31 62 19 Timber Piles *(31 62)*

31 62 19 00-0001 Friction Or End Bearing, Driven Treated Wood Piles *(31 62 19)*

Note: 12 Lb. Penta-treated/CF.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 62 19 00-0002	LF	Up To 30', 12" Butt x 8" Tip, Friction Or End Bearing, Driven Treated Wood Pile	44.48	
		For Piles Driven In Water, Add	*17.63*	
		For Untreated Pile, Deduct	*-11.04*	
		For Each Pile Tip Point, Add	*12.50*	
		For Each Pile Butt, Driving Cap, Add	*20.10*	
		For Each Splice For Pile >50', Add	*139.40*	
31 62 19 00-0003	LF	>30' To 39', 12" Butt x 8" Tip, Friction Or End Bearing, Driven Treated Wood Pile	46.65	
		For Piles Driven In Water, Add	*19.51*	
		For Untreated Pile, Deduct	*-11.16*	
		For Each Pile Tip Point, Add	*12.50*	
		For Each Pile Butt, Driving Cap, Add	*20.10*	
		For Each Splice For Pile >50', Add	*139.40*	
31 62 19 00-0004	LF	39' To 49', 12" Butt x 7" Tip, Friction Or End Bearing, Driven Treated Wood Pile	49.12	
		For Piles Driven In Water, Add	*20.73*	
		For Untreated Pile, Deduct	*-11.67*	
		For Each Pile Tip Point, Add	*12.50*	
		For Each Pile Butt, Driving Cap, Add	*20.10*	
		For Each Splice For Pile >50', Add	*139.40*	
31 62 19 00-0005	LF	>49' To 59', 13" Butt x 7" Tip, Friction Or End Bearing, Driven Treated Wood Pile	52.73	
		For Piles Driven In Water, Add	*23.08*	
		For Untreated Pile, Deduct	*-12.19*	
		For Each Pile Tip Point, Add	*12.50*	
		For Each Pile Butt, Driving Cap, Add	*20.10*	
		For Each Splice For Pile >50', Add	*139.40*	
31 62 19 00-0006	LF	>59' To 69', 13" Butt x 6" Tip, Friction Or End Bearing, Driven Treated Wood Pile	66.07	
		For Piles Driven In Water, Add	*26.39*	
		For Untreated Pile, Deduct	*-16.31*	
		For Each Pile Tip Point, Add	*12.50*	
		For Each Pile Butt, Driving Cap, Add	*20.10*	
		For Each Splice For Pile >50', Add	*139.40*	
31 62 19 00-0007	LF	>69' To 79', 13" Butt x 6" Tip, Friction Or End Bearing, Driven Treated Wood Pile	82.76	
		For Piles Driven In Water, Add	*32.02*	
		For Untreated Pile, Deduct	*-20.86*	
		For Each Pile Tip Point, Add	*12.50*	
		For Each Pile Butt, Driving Cap, Add	*20.10*	
		For Each Splice For Pile >50', Add	*139.40*	

31 62 23 Composite Piles *(31 62)*

31 62 23 13 Concrete-Filled Steel Piles *(31 62 23)*

31 62 23 13-0001 Concrete-Filled Driven Steel Pipe Piles *(31 62 23 13)*

Note: Includes 4,000 PSI concrete grout. Excludes reinforcing.

31 62 23 13-0002	VLF	8" Diameter x 29 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	58.27	
		For 5,000 PSI Concrete Grout Fill, Add	*6.64*	
		For Piles Driven In Water, Add	*26.47*	
31 62 23 13-0003	VLF	8" Diameter x 36 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	66.53	
		For 5,000 PSI Concrete Grout Fill, Add	*7.47*	
		For Piles Driven In Water, Add	*27.30*	
31 62 23 13-0004	VLF	8" Diameter x 43 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	75.45	
		For 5,000 PSI Concrete Grout Fill, Add	*8.36*	
		For Piles Driven In Water, Add	*28.19*	
31 62 23 13-0005	VLF	10" Diameter x 34 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	68.41	
		For 5,000 PSI Concrete Grout Fill, Add	*9.36*	
		For Piles Driven In Water, Add	*27.95*	
31 62 23 13-0006	VLF	10" Diameter x 41 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	76.25	
		For 5,000 PSI Concrete Grout Fill, Add	*10.14*	
		For Piles Driven In Water, Add	*28.73*	
31 62 23 13-0007	VLF	10" Diameter x 55 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	93.59	
		For 5,000 PSI Concrete Grout Fill, Add	*11.87*	
		For Piles Driven In Water, Add	*30.46*	
31 62 23 13-0008	VLF	12" Diameter x 42 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	81.68	
		For 5,000 PSI Concrete Grout Fill, Add	*12.62*	
		For Piles Driven In Water, Add	*31.06*	
31 62 23 13-0009	VLF	12" Diameter x 50 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	90.86	
		For 5,000 PSI Concrete Grout Fill, Add	*13.53*	
		For Piles Driven In Water, Add	*31.97*	
31 62 23 13-0010	VLF	12" Diameter x 54 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	95.96	
		For 5,000 PSI Concrete Grout Fill, Add	*14.04*	
		For Piles Driven In Water, Add	*32.48*	
31 62 23 13-0011	VLF	12" Diameter x 65 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	110.24	
		For 5,000 PSI Concrete Grout Fill, Add	*15.47*	
		For Piles Driven In Water, Add	*33.91*	
31 62 23 13-0012	VLF	14" Diameter x 46 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	90.66	
		For 5,000 PSI Concrete Grout Fill, Add	*15.60*	
		For Piles Driven In Water, Add	*35.82*	
31 62 23 13-0013	VLF	14" Diameter x 55 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	101.05	
		For 5,000 PSI Concrete Grout Fill, Add	*16.64*	
		For Piles Driven In Water, Add	*36.86*	
31 62 23 13-0014	VLF	14" Diameter x 64 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	111.44	
		For 5,000 PSI Concrete Grout Fill, Add	*17.68*	
		For Piles Driven In Water, Add	*37.90*	
31 62 23 13-0015	VLF	14" Diameter x 72 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	121.83	
		For 5,000 PSI Concrete Grout Fill, Add	*18.72*	
		For Piles Driven In Water, Add	*38.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 62 23 13-0016	VLF	16" Diameter x 52 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	100.50	
		For 5,000 PSI Concrete Grout Fill, Add	*19.33*	
		For Piles Driven In Water, Add	*38.40*	
31 62 23 13-0017	VLF	16" Diameter x 63 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	112.65	
		For 5,000 PSI Concrete Grout Fill, Add	*20.55*	
		For Piles Driven In Water, Add	*39.62*	
31 62 23 13-0018	VLF	16" Diameter x 83 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	136.33	
		For 5,000 PSI Concrete Grout Fill, Add	*22.91*	
		For Piles Driven In Water, Add	*41.98*	
31 62 23 13-0019	VLF	18" Diameter x 59 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	123.50	
		For 5,000 PSI Concrete Grout Fill, Add	*24.70*	
		For Piles Driven In Water, Add	*42.99*	
31 62 23 13-0020	VLF	18" Diameter x 71 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	139.27	
		For 5,000 PSI Concrete Grout Fill, Add	*26.27*	
		For Piles Driven In Water, Add	*44.56*	
31 62 23 13-0021	VLF	18" Diameter x 93 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	169.25	
		For 5,000 PSI Concrete Grout Fill, Add	*29.27*	
		For Piles Driven In Water, Add	*47.56*	

31 62 23 13-0022 7 Gauge, Constant Diameter Concrete-Filled Driven Steel Piles *(31 62 23 13)*

Note: End bearing, with fluted steel casing, up to 50'. Includes 4,000 PSI concrete. Excludes reinforcing.

31 62 23 13-0023	VLF	12" Diameter, 7 Gauge, Constant Diameter Concrete-Filled Driven Steel Pile	74.43	
		For Piles Driven In Water, Add	*23.27*	
31 62 23 13-0024	VLF	14" Diameter, 7 Gauge, Constant Diameter Concrete-Filled Driven Steel Pile	90.23	
		For Piles Driven In Water, Add	*25.98*	
31 62 23 13-0025	VLF	16" Diameter, 7 Gauge, Constant Diameter Concrete-Filled Driven Steel Pile	102.11	
		For Piles Driven In Water, Add	*28.47*	
31 62 23 13-0026	VLF	18" Diameter, 7 Gauge, Constant Diameter Concrete-Filled Driven Steel Pile	111.07	
		For Piles Driven In Water, Add	*30.89*	

31 62 23 13-0027 Tapered Friction Concrete-Filled Driven Steel Piles *(31 62 23 13)*

Note: With fluted steel casing, up to 50'. Includes 4,000 PSI concrete. Excludes reinforcing.

31 62 23 13-0028	VLF	12" Diameter, 7 Gauge, Tapered Friction Concrete-Filled Driven Steel Pile	73.03	
		For Piles Driven In Water, Add	*23.13*	
31 62 23 13-0029	VLF	14" Diameter, 7 Gauge, Tapered Friction Concrete-Filled Driven Steel Pile	74.99	
		For Piles Driven In Water, Add	*24.46*	
31 62 23 13-0030	VLF	16" Diameter, 7 Gauge, Tapered Friction Concrete-Filled Driven Steel Pile	91.42	
		For Piles Driven In Water, Add	*27.40*	
31 62 23 13-0031	VLF	18" Diameter, 7 Gauge, Tapered Friction Concrete-Filled Driven Steel Pile	105.42	
		For Piles Driven In Water, Add	*30.32*	

31 62 23 13-0032 Thin Wall Shell Straight Sided Driven Steel Piles *(31 62 23 13)*

31 62 23 13-0033	VLF	8" Diameter, 16 Gauge, Thin Wall Shell Straight Sided Driven Steel Pile	44.05	
		For Piles Driven In Water, Add	*17.76*	
		For Thick Wall Shell, Add	*0.07*	
31 62 23 13-0034	VLF	10" Diameter, 16 Gauge, Thin Wall Shell Straight Sided Driven Steel Pile	48.64	
		For Piles Driven In Water, Add	*19.71*	
		For Thick Wall Shell, Add	*0.08*	
31 62 23 13-0035	VLF	12" Diameter, 16 Gauge, Thin Wall Shell Straight Sided Driven Steel Pile	53.17	
		For Piles Driven In Water, Add	*21.63*	
		For Thick Wall Shell, Add	*0.09*	
31 62 23 13-0036	VLF	14" Diameter, 16 Gauge, Thin Wall Shell Straight Sided Driven Steel Pile	57.75	
		For Piles Driven In Water, Add	*23.58*	
		For Thick Wall Shell, Add	*0.09*	
31 62 23 13-0037	VLF	16" Diameter, 16 Gauge, Thin Wall Shell Straight Sided Driven Steel Pile	62.34	
		For Piles Driven In Water, Add	*25.52*	
		For Thick Wall Shell, Add	*0.10*	

31 63 Bored Piles *(31 60)*

31 63 36 Drilled Steel Piles *(31 63)*

31 63 36 00-0001 Drill Hole *(31 63 36)*

Note: Excludes removal of excess material.

31 63 36 00-0002 Drilling Mobilization *(31 63 36 00-0001)*

31 63 36 00-0003	EA	>12" To 24" Diameter Hole, Drilling Mobilization	1,138.79	
31 63 36 00-0004	EA	>24" Diameter Hole, Drilling Mobilization	1,518.39	

31 63 36 00-0005 Drill Hole In Soil *(31 63 36 00-0001)*

31 63 36 00-0006	LF	18" Diameter, Up To 24' Depth, Drilled/Augered Hole	63.04	
31 63 36 00-0007	LF	20" Diameter, Up To 24' Depth, Drilled/Augered Hole	73.30	
31 63 36 00-0008	LF	22" Diameter, Up To 24' Depth, Drilled/Augered Hole	86.12	
31 63 36 00-0009	LF	24" Diameter, Up To 24' Depth, Drilled/Augered Hole	101.52	
31 63 36 00-0010	LF	26" Diameter, Up To 24' Depth, Drilled/Augered Hole	109.73	
31 63 36 00-0011	LF	28" Diameter, Up To 24' Depth, Drilled/Augered Hole	120.72	
31 63 36 00-0012	LF	30" Diameter, Up To 24' Depth, Drilled/Augered Hole	132.23	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 63 36 00-0013 Steel H Piles *(31 63 36)*

31 63 36 00-0014 Placed In Drilled Hole, Rolled Steel H-Section Piles *(31 63 36 00-0013)*

Note: Includes guides, bracing and alignment.

31 63 36 00-0015	VLF	8" x 8" x 36 Lb./FT, Placed In Drilled Hole, Rolled Steel H Pile	34.80	
		For >2,400 To 3,600, Deduct	*-1.24*	
		For >3,600 To 4,800, Deduct	*-2.49*	
		For >4,800 To 6,000, Deduct	*-4.23*	
		For >6,000, Deduct	*-5.97*	
31 63 36 00-0016	VLF	10" x 10" x 42 Lb./FT, Placed In Drilled Hole, Rolled Steel H Pile	38.85	
		For >2,400 To 3,600, Deduct	*-1.36*	
		For >3,600 To 4,800, Deduct	*-2.73*	
		For >4,800 To 6,000, Deduct	*-4.67*	
		For >6,000, Deduct	*-6.61*	
31 63 36 00-0017	VLF	10" x 10" x 57 Lb./FT, Placed In Drilled Hole, Rolled Steel H Pile	47.12	
		For >2,400 To 3,600, Deduct	*-1.57*	
		For >3,600 To 4,800, Deduct	*-3.14*	
		For >4,800 To 6,000, Deduct	*-5.50*	
		For >6,000, Deduct	*-7.85*	
31 63 36 00-0018	VLF	12" x 12" x 53 Lb./FT, Placed In Drilled Hole, Rolled Steel H Pile	45.38	
		For >2,400 To 3,600, Deduct	*-1.54*	
		For >3,600 To 4,800, Deduct	*-3.08*	
		For >4,800 To 6,000, Deduct	*-5.35*	
		For >6,000, Deduct	*-7.61*	
31 63 36 00-0019	VLF	12" x 12" x 63 Lb./FT, Placed In Drilled Hole, Rolled Steel H Pile	50.89	
		For >2,400 To 3,600, Deduct	*-1.68*	
		For >3,600 To 4,800, Deduct	*-3.35*	
		For >4,800 To 6,000, Deduct	*-5.90*	
		For >6,000, Deduct	*-8.44*	
31 63 36 00-0020	VLF	12" x 12" x 74 Lb./FT, Placed In Drilled Hole, Rolled Steel H Pile	58.31	
		For >2,400 To 3,600, Deduct	*-1.90*	
		For >3,600 To 4,800, Deduct	*-3.79*	
		For >4,800 To 6,000, Deduct	*-6.71*	
		For >6,000, Deduct	*-9.62*	
31 63 36 00-0021	VLF	12" x 12" x 84 Lb./FT, Placed In Drilled Hole, Rolled Steel H Pile	63.82	
		For >2,400 To 3,600, Deduct	*-2.03*	
		For >3,600 To 4,800, Deduct	*-4.07*	
		For >4,800 To 6,000, Deduct	*-7.26*	
		For >6,000, Deduct	*-10.45*	
31 63 36 00-0022	VLF	14" x 14" x 73 Lb./FT, Placed In Drilled Hole, Rolled Steel H Pile	58.20	
		For >2,400 To 3,600, Deduct	*-1.90*	
		For >3,600 To 4,800, Deduct	*-3.81*	
		For >4,800 To 6,000, Deduct	*-6.72*	
		For >6,000, Deduct	*-9.63*	
31 63 36 00-0023	VLF	14" x 14" x 89 Lb./FT, Placed In Drilled Hole, Rolled Steel H Pile	67.57	
		For >2,400 To 3,600, Deduct	*-2.14*	
		For >3,600 To 4,800, Deduct	*-4.28*	
		For >4,800 To 6,000, Deduct	*-7.65*	
		For >6,000, Deduct	*-11.03*	
31 63 36 00-0024	VLF	14" x 14" x 102 Lb./FT, Placed In Drilled Hole, Rolled Steel H Pile	75.68	
		For >2,400 To 3,600, Deduct	*-2.38*	
		For >3,600 To 4,800, Deduct	*-4.76*	
		For >4,800 To 6,000, Deduct	*-8.54*	
		For >6,000, Deduct	*-12.32*	
31 63 36 00-0025	VLF	14" x 14" x 117 Lb./FT, Placed In Drilled Hole, Rolled Steel H Pile	84.50	
		For >2,400 To 3,600, Deduct	*-2.60*	
		For >3,600 To 4,800, Deduct	*-5.20*	
		For >4,800 To 6,000, Deduct	*-9.42*	
		For >6,000, Deduct	*-13.65*	

31 63 36 00-0026 Welded Steel Stud Pins *(31 63 36 00-0013)*

Note: Includes welding to steel piles.

31 63 36 00-0027	EA	5/8" Diameter x 2-1/2" Long, Welded Steel Stud Pins	15.12	
		For >50 To 150, Deduct	*-0.70*	
		For >150 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.88*	
31 63 36 00-0028	EA	5/8" Diameter x 5" Long, Welded Steel Stud Pins	16.32	
		For >50 To 150, Deduct	*-0.70*	
		For >150 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-2.21*	
		For >500, Deduct	*-2.97*	
31 63 36 00-0029	EA	5/8" Diameter x 7" Long, Welded Steel Stud Pins	17.48	
		For >50 To 150, Deduct	*-0.70*	
		For >150 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-3.05*	
31 63 36 00-0030	EA	3/4" Diameter x 2-1/2" Long, Welded Steel Stud Pins	16.54	
		For >50 To 150, Deduct	*-0.73*	
		For >150 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-3.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 63 36 00-0031	EA	3/4" Diameter x 5" Long, Welded Steel Stud Pins	18.36	
		For >50 To 150, Deduct	*-0.73*	
		For >150 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-3.21*	
31 63 36 00-0032	EA	3/4" Diameter x 7" Long, Welded Steel Stud Pins	19.64	
		For >50 To 150, Deduct	*-0.73*	
		For >150 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-2.45*	
		For >500, Deduct	*-3.30*	
31 63 36 00-0033	EA	7/8" Diameter x 2-1/2" Long, Welded Steel Stud Pins	18.22	
		For >50 To 150, Deduct	*-0.76*	
		For >150 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-3.27*	
31 63 36 00-0034	EA	7/8" Diameter x 5" Long, Welded Steel Stud Pins	21.19	
		For >50 To 150, Deduct	*-0.76*	
		For >150 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.58*	
		For >500, Deduct	*-3.50*	
31 63 36 00-0035	EA	7/8" Diameter x 7" Long, Welded Steel Stud Pins	22.64	
		For >50 To 150, Deduct	*-0.76*	
		For >150 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.66*	
		For >500, Deduct	*-3.60*	

31 63 36 00-0036 Concrete Fill *(31 63 36)*

See CSI section 03 37 16 00-0001 for pumping equipment.

31 63 36 00-0037	VLF	18" Diameter Hole Pumped Concrete Fill For Drilled Pile	48.29	
31 63 36 00-0038	VLF	20" Diameter Hole Pumped Concrete Fill For Drilled Pile	53.65	
31 63 36 00-0039	VLF	22" Diameter Hole Pumped Concrete Fill For Drilled Pile	59.02	
31 63 36 00-0040	VLF	24" Diameter Hole Pumped Concrete Fill For Drilled Pile	64.38	
31 63 36 00-0041	VLF	26" Diameter Hole Pumped Concrete Fill For Drilled Pile	69.73	
31 63 36 00-0042	VLF	28" Diameter Hole Pumped Concrete Fill For Drilled Pile	75.11	
31 63 36 00-0043	VLF	30" Diameter Hole Pumped Concrete Fill For Drilled Pile	88.62	

31 64 Caissons *(31 60)*

31 64 13 Box Caissons *(31 64)*

31 64 13 00-0001 Caisson In Stable Ground No Casing Or Ground Water *(31 64 13)*

Note: Up to 50' deep. See CSI section 31 64 13 00-0070 for equipment set-up.

31 64 13 00-0002 Caisson In Stable Ground *(31 64 13 00-0001)*

Note: Includes 3000 PSI concrete and reinforcing.

31 64 13 00-0003	VLF	18" Diameter Caisson, No Casing Stable Ground, No Ground Water Note: 0.066 CY Concrete per VLF, 9 Lb. rebar per VLF.	65.04	
		For >50' To 100' Deep, Add	*6.16*	
		For >100' To 150' Deep, Add	*16.26*	
		For >150' To 200' Deep, Add	*21.52*	
		For Right Angle Drilling, Add	*17.74*	
31 64 13 00-0004	VLF	24" Diameter Caisson, No Casing Stable Ground, No Ground Water Note: 0.116 CY Concrete per VLF, 14 Lb. rebar per VLF.	80.49	
		For >50' To 100' Deep, Add	*8.34*	
		For >100' To 150' Deep, Add	*20.12*	
		For >150' To 200' Deep, Add	*27.53*	
		For Right Angle Drilling, Add	*19.73*	
31 64 13 00-0005	VLF	30" Diameter Caisson, No Casing Stable Ground, No Ground Water Note: 0.182 CY Concrete per VLF, 23 Lb. rebar per VLF.	112.83	
		For >50' To 100' Deep, Add	*12.20*	
		For >100' To 150' Deep, Add	*28.21*	
		For >150' To 200' Deep, Add	*39.23*	
		For Right Angle Drilling, Add	*26.05*	
31 64 13 00-0006	VLF	36" Diameter Caisson, No Casing Stable Ground, No Ground Water Note: 0.262 CY Concrete per VLF, 33 Lb. rebar per VLF.	148.26	
		For >50' To 100' Deep, Add	*16.56*	
		For >100' To 150' Deep, Add	*37.07*	
		For >150' To 200' Deep, Add	*52.21*	
		For Right Angle Drilling, Add	*32.56*	
31 64 13 00-0007	VLF	42" Diameter Caisson, No Casing Stable Ground, No Ground Water Note: 0.356 CY Concrete per VLF, 48 Lb. rebar per VLF.	188.22	
		For >50' To 100' Deep, Add	*21.81*	
		For >100' To 150' Deep, Add	*47.06*	
		For >150' To 200' Deep, Add	*67.26*	
		For Right Angle Drilling, Add	*38.89*	
31 64 13 00-0008	VLF	48" Diameter Caisson No Casing Stable Ground, No Ground Water Note: 0.465 CY Concrete per VLF, 57 Lb. rebar per VLF.	225.83	
		For >50' To 100' Deep, Add	*26.68*	
		For >100' To 150' Deep, Add	*56.46*	
		For >150' To 200' Deep, Add	*81.34*	
		For Right Angle Drilling, Add	*45.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 64 13 00-0009	VLF	54" Diameter Caisson No Casing Stable Ground, No Ground Water	270.36	
		Note: 0.589 CY Concrete per VLF, 76 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*32.96*	
		For >100' To 150' Deep, Add	*67.59*	
		For >150' To 200' Deep, Add	*98.66*	
		For Right Angle Drilling, Add	*50.75*	
31 64 13 00-0010	VLF	60" Diameter Caisson No Casing Stable Ground, No Ground Water	315.93	
		Note: 0.727 CY Concrete per VLF, 93 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*39.40*	
		For >100' To 150' Deep, Add	*78.98*	
		For >150' To 200' Deep, Add	*116.38*	
		For Right Angle Drilling, Add	*56.56*	
31 64 13 00-0011	VLF	66" Diameter Caisson No Casing Stable Ground, No Ground Water	367.51	
		Note: 0.88 CY Concrete per VLF, 113 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*46.64*	
		For >100' To 150' Deep, Add	*91.88*	
		For >150' To 200' Deep, Add	*136.40*	
		For Right Angle Drilling, Add	*63.27*	
31 64 13 00-0012	VLF	72" Diameter Caisson No Casing Stable Ground, No Ground Water	426.40	
		Note: 1.047 CY Concrete per VLF, 134 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*54.97*	
		For >100' To 150' Deep, Add	*106.60*	
		For >150' To 200' Deep, Add	*159.32*	
		For Right Angle Drilling, Add	*70.73*	
31 64 13 00-0013	VLF	78" Diameter Caisson No Casing Stable Ground, No Ground Water	484.95	
		Note: 1.229 CY Concrete per VLF, 157 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*63.43*	
		For >100' To 150' Deep, Add	*121.24*	
		For >150' To 200' Deep, Add	*182.34*	
		For Right Angle Drilling, Add	*77.59*	
31 64 13 00-0014	VLF	84" Diameter Caisson No Casing Stable Ground, No Ground Water	547.31	
		Note: 1.425 CY Concrete per VLF, 183 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*72.51*	
		For >100' To 150' Deep, Add	*136.83*	
		For >150' To 200' Deep, Add	*206.94*	
		For Right Angle Drilling, Add	*84.69*	

31 64 13 00-0015 For Bell Excavation And Concrete, Add *(31 64 13 00-0001)*

31 64 13 00-0016	EA	Bell Excavation And Concrete, 4' Bell Diameter Stable Ground, 24" Shaft, 0.44 CY	516.64	
		For >50' To 100' Deep, Add	*41.54*	
		For >100' To 150' Deep, Add	*129.16*	
		For >150' To 200' Deep, Add	*161.71*	
31 64 13 00-0017	EA	Bell Excavation And Concrete, 6' Bell Diameter Stable Ground, 30" Shaft, 1.57 CY	1,815.93	
		For >50' To 100' Deep, Add	*146.23*	
		For >100' To 150' Deep, Add	*453.98*	
		For >150' To 200' Deep, Add	*568.68*	
31 64 13 00-0018	EA	Bell Excavation And Concrete, 7' Bell Diameter Stable Ground, 36" Shaft, 2.33 CY	2,742.28	
		For >50' To 100' Deep, Add	*224.12*	
		For >100' To 150' Deep, Add	*685.57*	
		For >150' To 200' Deep, Add	*862.89*	
31 64 13 00-0019	EA	Bell Excavation And Concrete, 8' Bell Diameter Stable Ground, 42" Shaft, 3.30 CY	3,805.79	
		For >50' To 100' Deep, Add	*311.61*	
		For >100' To 150' Deep, Add	*951.45*	
		For >150' To 200' Deep, Add	*1,198.24*	
31 64 13 00-0020	EA	Bell Excavation And Concrete, 9' Bell Diameter Stable Ground, 48" Shaft, 4.48 CY	5,173.90	
		For >50' To 100' Deep, Add	*416.54*	
		For >100' To 150' Deep, Add	*1,293.48*	
		For >150' To 200' Deep, Add	*1,620.13*	
31 64 13 00-0021	EA	Bell Excavation And Concrete, 10' Bell Diameter Stable Ground, 60" Shaft, 5.24 CY	6,084.02	
		For >50' To 100' Deep, Add	*489.61*	
		For >100' To 150' Deep, Add	*1,521.01*	
		For >150' To 200' Deep, Add	*1,904.86*	
31 64 13 00-0022	EA	Bell Excavation And Concrete, 12' Bell Diameter Stable Ground, 72" Shaft, 8.74 CY	10,320.42	
		For >50' To 100' Deep, Add	*828.97*	
		For >100' To 150' Deep, Add	*2,580.11*	
		For >150' To 200' Deep, Add	*3,229.30*	
31 64 13 00-0023	EA	Bell Excavation And Concrete, 14' Bell Diameter Stable Ground, 84" Shaft, 13.6 CY	14,907.04	
		For >50' To 100' Deep, Add	*1,208.78*	
		For >100' To 150' Deep, Add	*3,726.76*	
		For >150' To 200' Deep, Add	*4,678.72*	

31 64 13 00-0024 Caisson In Wet Ground, Casing Pulled *(31 64 13)*

Note: Up to 50' deep. See CSI section 31 64 13 00-0070 for equipment set-up.

31 64 13 00-0025 Caisson In Wet Ground *(31 64 13 00-0024)*

Note: Includes 3000 PSI concrete and reinforcing.

31 64 13 00-0026	VLF	18" Diameter Caisson Wet Ground, Casing Pulled	72.47	
		Note: 0.066 CY Concrete per VLF, 9 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*6.67*	
		For >100' To 150' Deep, Add	*18.12*	
		For >150' To 200' Deep, Add	*23.74*	
		For Right Angle Drilling, Add	*20.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 64 13 00-0027	VLF	24" Diameter Caisson Wet Ground, Casing Pulled	121.26	
		Note: 0.116 CY Concrete per VLF, 14 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*11.19*	
		For >100' To 150' Deep, Add	*30.32*	
		For >150' To 200' Deep, Add	*39.76*	
		For Right Angle Drilling, Add	*34.00*	
31 64 13 00-0028	VLF	30" Diameter Caisson Wet Ground, Casing Pulled	158.73	
		Note: 0.182 CY Concrete per VLF, 23 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*15.41*	
		For >100' To 150' Deep, Add	*39.68*	
		For >150' To 200' Deep, Add	*53.00*	
		For Right Angle Drilling, Add	*42.12*	
31 64 13 00-0029	VLF	36" Diameter Caisson Wet Ground, Casing Pulled	217.27	
		Note: 0.262 CY Concrete per VLF, 33 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*21.39*	
		For >100' To 150' Deep, Add	*54.32*	
		For >150' To 200' Deep, Add	*72.91*	
		For Right Angle Drilling, Add	*56.72*	
31 64 13 00-0030	VLF	42" Diameter Caisson Wet Ground, Casing Pulled	273.37	
		Note: 0.356 CY Concrete per VLF, 48 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*27.77*	
		For >100' To 150' Deep, Add	*68.34*	
		For >150' To 200' Deep, Add	*92.81*	
		For Right Angle Drilling, Add	*68.69*	
31 64 13 00-0031	VLF	48" Diameter Caisson Wet Ground, Casing Pulled	326.80	
		Note: 0.465 CY Concrete per VLF, 57 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*33.75*	
		For >100' To 150' Deep, Add	*81.70*	
		For >150' To 200' Deep, Add	*111.64*	
		For Right Angle Drilling, Add	*80.39*	
31 64 13 00-0032	VLF	54" Diameter Caisson Wet Ground, Casing Pulled	421.52	
		Note: 0.589 CY Concrete per VLF, 76 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*43.55*	
		For >100' To 150' Deep, Add	*105.38*	
		For >150' To 200' Deep, Add	*144.01*	
		For Right Angle Drilling, Add	*103.66*	
31 64 13 00-0033	VLF	60" Diameter Caisson Wet Ground, Casing Pulled	515.96	
		Note: 0.727 CY Concrete per VLF, 93 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*53.40*	
		For >100' To 150' Deep, Add	*128.99*	
		For >150' To 200' Deep, Add	*176.39*	
		For Right Angle Drilling, Add	*126.57*	
31 64 13 00-0034	VLF	66" Diameter Caisson Wet Ground, Casing Pulled	586.34	
		Note: 0.87 CY Concrete per VLF, 113 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*61.96*	
		For >100' To 150' Deep, Add	*146.59*	
		For >150' To 200' Deep, Add	*202.04*	
		For Right Angle Drilling, Add	*139.86*	
31 64 13 00-0035	VLF	72" Diameter Caisson Wet Ground, Casing Pulled	663.94	
		Note: 1.047 CY Concrete per VLF, 134 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*71.60*	
		For >100' To 150' Deep, Add	*165.99*	
		For >150' To 200' Deep, Add	*230.59*	
		For Right Angle Drilling, Add	*153.87*	
31 64 13 00-0036	VLF	78" Diameter Caisson Wet Ground, Casing Pulled	753.47	
		Note: 1.229 CY Concrete per VLF, 157 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*82.23*	
		For >100' To 150' Deep, Add	*188.37*	
		For >150' To 200' Deep, Add	*262.90*	
		For Right Angle Drilling, Add	*171.57*	
31 64 13 00-0037	VLF	84" Diameter Caisson Wet Ground, Casing Pulled	847.34	
		Note: 1.425 CY Concrete per VLF, 183 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*93.51*	
		For >100' To 150' Deep, Add	*211.84*	
		For >150' To 200' Deep, Add	*296.95*	
		For Right Angle Drilling, Add	*189.70*	

31 64 13 00-0038 For Bell Excavation And Concrete, Add *(31 64 13 00-0024)*

31 64 13 00-0039	EA	Bell Excavation And Concrete, 4' Bell Diameter Wet Ground 24" Shaft, 0.44 CY	597.37	
		For >50' To 100' Deep, Add	*47.19*	
		For >100' To 150' Deep, Add	*149.34*	
		For >150' To 200' Deep, Add	*185.93*	
31 64 13 00-0040	EA	Bell Excavation And Concrete, 6' Bell Diameter Wet Ground, 30" Shaft, 1.57 CY	2,080.55	
		For >50' To 100' Deep, Add	*164.76*	
		For >100' To 150' Deep, Add	*520.14*	
		For >150' To 200' Deep, Add	*648.06*	
31 64 13 00-0041	EA	Bell Excavation And Concrete, 7' Bell Diameter Wet Ground, 36" Shaft, 2.33 CY	2,879.32	
		For >50' To 100' Deep, Add	*213.80*	
		For >100' To 150' Deep, Add	*719.83*	
		For >150' To 200' Deep, Add	*879.11*	
31 64 13 00-0042	EA	Bell Excavation And Concrete, 8' Bell Diameter Wet Ground, 42" Shaft, 3.3 CY	4,566.31	
		For >50' To 100' Deep, Add	*364.85*	
		For >100' To 150' Deep, Add	*1,141.58*	
		For >150' To 200' Deep, Add	*1,426.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 64 13 00-0043	EA	Bell Excavation And Concrete, 9' Bell Diameter Wet Ground, 48" Shaft, 4.48 CY	5,928.08	
		For >50' To 100' Deep, Add	*469.33*	
		For >100' To 150' Deep, Add	*1,482.02*	
		For >150' To 200' Deep, Add	*1,846.38*	
31 64 13 00-0044	EA	Bell Excavation And Concrete, 10' Bell Diameter Wet Ground, 60" Shaft, 5.24 CY	6,971.29	
		For >50' To 100' Deep, Add	*551.71*	
		For >100' To 150' Deep, Add	*1,742.82*	
		For >150' To 200' Deep, Add	*2,171.04*	
31 64 13 00-0045	EA	Bell Excavation And Concrete, 12' Bell Diameter Wet Ground, 72" Shaft, 8.74 CY	11,828.78	
		For >50' To 100' Deep, Add	*934.55*	
		For >100' To 150' Deep, Add	*2,957.20*	
		For >150' To 200' Deep, Add	*3,681.81*	
31 64 13 00-0046	EA	Bell Excavation And Concrete, 14' Bell Diameter Wet Ground, 84" Shaft, 13.6 CY	17,061.84	
		For >50' To 100' Deep, Add	*1,359.61*	
		For >100' To 150' Deep, Add	*4,265.46*	
		For >150' To 200' Deep, Add	*5,325.16*	

31 64 13 00-0047 Caisson In Soft Rock And Medium Hard Shale *(31 64 13)*

Note: Up to 50' deep. See CSI section 31 64 13 00-0070 for equipment set-up.

31 64 13 00-0048 Caisson In Soft Rock *(31 64 13 00-0047)*

Note: Includes 3000 PSI concrete and reinforcing.

31 64 13 00-0049	VLF	18" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	288.35	
		Note: 0.066 CY Concrete per VLF, 9 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*21.78*	
		For >100' To 150' Deep, Add	*72.09*	
		For >150' To 200' Deep, Add	*88.50*	
		For Right Angle Drilling, Add	*95.93*	
31 64 13 00-0050	VLF	24" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	481.13	
		Note: 0.116 CY Concrete per VLF, 14 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*36.38*	
		For >100' To 150' Deep, Add	*120.28*	
		For >150' To 200' Deep, Add	*147.72*	
		For Right Angle Drilling, Add	*159.95*	
31 64 13 00-0051	VLF	30" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	724.70	
		Note: 0.182 CY Concrete per VLF, 23 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*55.03*	
		For >100' To 150' Deep, Add	*181.18*	
		For >150' To 200' Deep, Add	*222.79*	
		For Right Angle Drilling, Add	*240.21*	
31 64 13 00-0052	VLF	36" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	924.82	
		Note: 0.262 CY Concrete per VLF, 33 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*70.92*	
		For >100' To 150' Deep, Add	*231.21*	
		For >150' To 200' Deep, Add	*285.18*	
		For Right Angle Drilling, Add	*304.36*	
31 64 13 00-0053	VLF	42" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	1,190.47	
		Note: 0.356 CY Concrete per VLF, 48 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*91.97*	
		For >100' To 150' Deep, Add	*297.62*	
		For >150' To 200' Deep, Add	*367.94*	
		For Right Angle Drilling, Add	*389.67*	
31 64 13 00-0054	VLF	48" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	1,434.96	
		Note: 0.465 CY Concrete per VLF, 57 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*111.32*	
		For >100' To 150' Deep, Add	*358.74*	
		For >150' To 200' Deep, Add	*444.08*	
		For Right Angle Drilling, Add	*468.25*	
31 64 13 00-0055	VLF	54" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	1,753.33	
		Note: 0.589 CY Concrete per VLF, 76 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*136.77*	
		For >100' To 150' Deep, Add	*438.33*	
		For >150' To 200' Deep, Add	*543.55*	
		For Right Angle Drilling, Add	*569.79*	
31 64 13 00-0056	VLF	60" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	2,071.74	
		Note: 0.727 CY Concrete per VLF, 93 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*162.31*	
		For >100' To 150' Deep, Add	*517.94*	
		For >150' To 200' Deep, Add	*643.13*	
		For Right Angle Drilling, Add	*671.10*	
31 64 13 00-0057	VLF	66" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	2,272.27	
		Note: 0.88 CY Concrete per VLF, 113 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*179.97*	
		For >100' To 150' Deep, Add	*568.07*	
		For >150' To 200' Deep, Add	*707.82*	
		For Right Angle Drilling, Add	*729.94*	
31 64 13 00-0058	VLF	72" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	2,479.06	
		Note: 1.047 CY Concrete per VLF, 134 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*198.66*	
		For >100' To 150' Deep, Add	*619.77*	
		For >150' To 200' Deep, Add	*775.12*	
		For Right Angle Drilling, Add	*789.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 64 13 00-0059	VLF	78" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water Note: 1.229 CY Concrete per VLF, 157 Lb. rebar per VLF.	2,533.60	
		For >50' To 100' Deep, Add	*206.84*	
		For >100' To 150' Deep, Add	*633.40*	
		For >150' To 200' Deep, Add	*796.94*	
		For Right Angle Drilling, Add	*794.62*	
31 64 13 00-0060	VLF	84" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water Note: 1.425 CY Concrete per VLF, 183 Lb. rebar per VLF.	3,027.12	
		For >50' To 100' Deep, Add	*246.10*	
		For >100' To 150' Deep, Add	*756.78*	
		For >150' To 200' Deep, Add	*950.88*	
		For Right Angle Drilling, Add	*952.63*	

31 64 13 00-0061 For Bell Excavation And Concrete, Add *(31 64 13 00-0047)*

31 64 13 00-0062	EA	Bell Excavation And Concrete, 4' Bell Diameter Soft Rock/Shale 24" Shaft 0.44 CY	1,030.24	
		For >50' To 100' Deep, Add	*77.49*	
		For >100' To 150' Deep, Add	*257.56*	
		For >150' To 200' Deep, Add	*315.79*	
31 64 13 00-0063	EA	Bell Excavation And Concrete, 6' Bell Diameter Soft Rock/Shale 30" Shaft 1.57 CY	3,625.11	
		For >50' To 100' Deep, Add	*272.87*	
		For >100' To 150' Deep, Add	*906.28*	
		For >150' To 200' Deep, Add	*1,111.43*	
31 64 13 00-0064	EA	Bell Excavation And Concrete, 7' Bell Diameter Soft Rock/Shale 36" Shaft 2.33 CY	5,427.31	
		For >50' To 100' Deep, Add	*412.07*	
		For >100' To 150' Deep, Add	*1,356.83*	
		For >150' To 200' Deep, Add	*1,668.39*	
31 64 13 00-0065	EA	Bell Excavation And Concrete, 8' Bell Diameter Soft Rock/Shale 42" Shaft 3.3 CY	7,728.07	
		For >50' To 100' Deep, Add	*586.17*	
		For >100' To 150' Deep, Add	*1,932.02*	
		For >150' To 200' Deep, Add	*2,374.93*	
31 64 13 00-0066	EA	Bell Excavation And Concrete, 9' Bell Diameter Soft Rock/Shale 48" Shaft 4.48 CY	10,222.34	
		For >50' To 100' Deep, Add	*769.93*	
		For >100' To 150' Deep, Add	*2,555.59*	
		For >150' To 200' Deep, Add	*3,134.66*	
31 64 13 00-0067	EA	Bell Excavation And Concrete, 10" Bell Diameter Soft Rock/Shale 60" Shaft 5.24 CY	12,459.95	
		For >50' To 100' Deep, Add	*935.92*	
		For >100' To 150' Deep, Add	*3,114.99*	
		For >150' To 200' Deep, Add	*3,817.64*	
31 64 13 00-0068	EA	Bell Excavation And Concrete, 12' Bell Diameter Soft Rock/Shale 72" Shaft 8.74 CY	18,826.82	
		For >50' To 100' Deep, Add	*1,424.42*	
		For >100' To 150' Deep, Add	*4,706.71*	
		For >150' To 200' Deep, Add	*5,781.22*	
31 64 13 00-0069	EA	Bell Excavation And Concrete, 14' Bell Diameter Soft Rock/Shale 84" Shaft 13.6 CY	28,308.69	
		For >50' To 100' Deep, Add	*2,146.89*	
		For >100' To 150' Deep, Add	*7,077.17*	
		For >150' To 200' Deep, Add	*8,699.21*	

31 64 13 00-0070 Set-up And Removal Of Caisson *(31 64 13)*

Note: Includes mobilization of equipment, erection, dismantling of equipment, move off of site.

31 64 13 00-0071	EA	Erect, Set-up, Dismantle And Removal Of Caisson 18" To 36" Diameter, Complete	4,184.70
31 64 13 00-0072	EA	Erect, Set-up, Dismantle And Removal Of Caisson 48" To 84" Diameter, Complete	5,883.59
31 64 13 00-0073	EA	Dismantle, Relocate, Erect And Set-up On Site At Different Location (During Same Phase Of Work), Caisson 18" To 36" Diameter	1,978.35
31 64 13 00-0074	EA	Dismantle, Relocate, Erect And Set-up On Site At Different Location (During Same Phase Of Work), Caisson 48" To 84" Diameter	2,637.80
31 64 13 00-0075	EA	Relocate Caisson Equipment To Different Hole On-Site Without Dismantling	164.86

31 66 Special Foundation *(31 60)*

31 66 15 Helical Foundation Piles *(31 66)*

31 66 15 00-0001 Helical Pier Restoration (Atlas) *(31 66 15)*

31 66 15 00-0002	EA	Structural Steel Piers (Atlas Pier System Or Equal) Note: Includes heavy-duty bracket, pier platform, and 14' of 3.5" diameter pier sections, non-corrosive coating, hydraulic lifting, fasteners, and other related activities and materials. Excludes excavation and core drilling	3,588.76
31 66 15 00-0003	EA	Pressure Injecting Grout For Slab Repairs, Per Location Note: Includes preparation, installing and removing grout injection pipes, and finishing. Excludes grout and core drilling.	482.01
31 66 15 00-0004	CY	Pressure Injected Non-Shrink Grout	493.47

END OF SECTION 31

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 Exterior Improvements

32 01 Operation and Maintenance of Exterior Improvements (32)

32 01 11 Paving Cleaning (32 01)

32 01 11 53 Paint Removal from Paving (32 01 11)

32 01 11 53-0001 Remove Painted Or Epoxy Pavement Markings (32 01 11 53)

Note: Includes stripe removal by grinding, vacuuming of removed striped area and containment of debris.

32 01 11 53-0002	LF	Removal Of 4" Wide Painted Or Epoxy Pavement Striping		2.59	
		For Up To 250, Add		*1.30*	
		For >250 To 1,000, Add		*0.65*	
		For >5,000 To 10,000, Deduct		*-0.39*	
		For >10,000 To 25,000, Deduct		*-0.65*	
		For >25,000 To 50,000, Deduct		*-0.91*	
		For >50,000, Deduct		*-1.04*	
32 01 11 53-0003	LF	Removal Of 6" Wide Painted Or Epoxy Pavement Striping		3.12	
		For Up To 250, Add		*1.56*	
		For >250 To 1,000, Add		*0.78*	
		For >5,000 To 10,000, Deduct		*-0.47*	
		For >10,000 To 25,000, Deduct		*-0.78*	
		For >25,000 To 50,000, Deduct		*-1.09*	
		For >50,000, Deduct		*-1.25*	
32 01 11 53-0004	LF	Removal Of 8" Wide Painted Or Epoxy Pavement Striping		3.73	
		For Up To 250, Add		*1.87*	
		For >250 To 1,000, Add		*0.93*	
		For >5,000 To 10,000, Deduct		*-0.56*	
		For >10,000 To 25,000, Deduct		*-0.93*	
		For >25,000 To 50,000, Deduct		*-1.31*	
		For >50,000, Deduct		*-1.49*	
32 01 11 53-0005	LF	Removal Of 10" Wide Painted Or Epoxy Pavement Striping		3.56	
		For Up To 250, Add		*1.78*	
		For >250 To 1,000, Add		*0.89*	
		For >5,000 To 10,000, Deduct		*-0.53*	
		For >10,000 To 25,000, Deduct		*-0.89*	
		For >25,000 To 50,000, Deduct		*-1.25*	
		For >50,000, Deduct		*-1.42*	
32 01 11 53-0006	LF	Removal Of 12" Wide Painted Or Epoxy Pavement Striping		4.47	
		For Up To 250, Add		*2.24*	
		For >250 To 1,000, Add		*1.12*	
		For >5,000 To 10,000, Deduct		*-0.67*	
		For >10,000 To 25,000, Deduct		*-1.12*	
		For >25,000 To 50,000, Deduct		*-1.56*	
		For >50,000, Deduct		*-1.79*	
32 01 11 53-0007	SF	Removal Of Painted Or Epoxy Pavement Marking, Letters Or Symbols		4.47	
		For Up To 250, Add		*2.24*	
		For >250 To 1,000, Add		*1.12*	
		For >5,000 To 10,000, Deduct		*-0.67*	
		For >10,000 To 25,000, Deduct		*-1.12*	
		For >25,000 To 50,000, Deduct		*-1.56*	
		For >50,000, Deduct		*-1.79*	

32 01 11 53-0008 Remove Thermoplastic Pavement Markings (32 01 11 53)

32 01 11 53-0009	LF	Removal Of 4" Wide Thermoplastic Pavement Striping		3.33	
		For Up To 250, Add		*1.67*	
		For >250 To 1,000, Add		*0.83*	
		For >5,000 To 10,000, Deduct		*-0.50*	
		For >10,000 To 25,000, Deduct		*-0.83*	
		For >25,000 To 50,000, Deduct		*-1.17*	
		For >50,000, Deduct		*-1.33*	
32 01 11 53-0010	LF	Removal Of 6" Wide Thermoplastic Pavement Striping		3.94	
		For Up To 250, Add		*1.97*	
		For >250 To 1,000, Add		*0.99*	
		For >5,000 To 10,000, Deduct		*-0.59*	
		For >10,000 To 25,000, Deduct		*-0.99*	
		For >25,000 To 50,000, Deduct		*-1.38*	
		For >50,000, Deduct		*-1.58*	
32 01 11 53-0011	LF	Removal Of 8" Wide Thermoplastic Pavement Striping		4.75	
		For Up To 250, Add		*2.38*	
		For >250 To 1,000, Add		*1.19*	
		For >5,000 To 10,000, Deduct		*-0.71*	
		For >10,000 To 25,000, Deduct		*-1.19*	
		For >25,000 To 50,000, Deduct		*-1.66*	
		For >50,000, Deduct		*-1.90*	
32 01 11 53-0012	LF	Removal Of 10" Wide Thermoplastic Pavement Striping		4.54	
		For Up To 250, Add		*2.27*	
		For >250 To 1,000, Add		*1.14*	
		For >5,000 To 10,000, Deduct		*-0.68*	
		For >10,000 To 25,000, Deduct		*-1.14*	
		For >25,000 To 50,000, Deduct		*-1.59*	
		For >50,000, Deduct		*-1.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 11 53-0013	LF	Removal Of 12" Wide Thermoplastic Pavement Striping	5.69	
		For Up To 250, Add	*2.85*	
		For >250 To 1,000, Add	*1.42*	
		For >5,000 To 10,000, Deduct	*-0.85*	
		For >10,000 To 25,000, Deduct	*-1.42*	
		For >25,000 To 50,000, Deduct	*-1.99*	
		For >50,000, Deduct	*-2.28*	
32 01 11 53-0014	SF	Removal Of Thermoplastic Pavement Marking, Letters Or Symbols	5.69	
		For Up To 250, Add	*2.85*	
		For >250 To 1,000, Add	*1.42*	
		For >5,000 To 10,000, Deduct	*-0.85*	
		For >10,000 To 25,000, Deduct	*-1.42*	
		For >25,000 To 50,000, Deduct	*-1.99*	
		For >50,000, Deduct	*-2.28*	

32 01 13 Flexible Paving Surface Treatment *(32 01)*

32 01 13 61 Slurry Seal (Latex Modified) *(32 01 13)*

32 01 13 61-0001 Asphalt Seal Coating, For Roads And Parking Lot *(32 01 13 61)*

Note: Includes sweeping and cleaning of area.

32 01 13 61-0002	EA	Minimum Charge For Asphalt Seal Coating Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	997.64	
32 01 13 61-0003	SY	Up To 500 SY, Type O Asphalt Seal Coating, No Aggregate, Per Coat	3.76	
32 01 13 61-0004	SY	>500 To 1,000 SY, Type O Asphalt Seal Coating, No Aggregate, Per Coat	3.46	
32 01 13 61-0005	SY	>1,000 SY, Type O Asphalt Seal Coating, No Aggregate. Per Coat	3.22	
32 01 13 61-0006	SY	Up To 500 SY, Type I Slurry Seal Asphalt Coating, Per Coat Note: 1/8" thick.	3.98	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.32*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.38*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.48*	
		For Each 0.5% Of Latex Addition, Add	*0.33*	
32 01 13 61-0007	SY	>500 To 1,000 SY, Type I Slurry Seal Asphalt Coating, Per Coat Note: 1/8" thick.	3.74	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.31*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.37*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.47*	
		For Each 0.5% Of Latex Addition, Add	*0.33*	
32 01 13 61-0008	SY	>1,000 To 5,000 SY, Type I Slurry Seal Asphalt Coating, Per Coat Note: 1/8" thick.	3.55	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.30*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.36*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.46*	
		For Each 0.5% Of Latex Addition, Add	*0.33*	
32 01 13 61-0009	SY	>5,000 To 20,000 SY, Type I Slurry Seal Asphalt Coating, Per Coat Note: 1/8" thick.	3.38	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.29*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.35*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.45*	
		For Each 0.5% Of Latex Addition, Add	*0.33*	
32 01 13 61-0010	SY	>20,000 To 50,000 SY, Type I Slurry Seal Asphalt Coating, Per Coat Note: 1/8" thick.	3.38	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.29*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.35*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.45*	
		For Each 0.5% Of Latex Addition, Add	*0.33*	
32 01 13 61-0011	SY	>50,000 SY, Type I Slurry Seal Asphalt Coating, Per Coat Note: 1/8" thick.	3.08	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.28*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.34*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.44*	
		For Each 0.5% Of Latex Addition, Add	*0.33*	
32 01 13 61-0012	SY	Up To 500 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lb./SY.	5.37	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.35*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.41*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.51*	
		For Each 0.5% Of Latex Addition, Add	*0.49*	
32 01 13 61-0013	SY	>500 To 1,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lb./SY.	5.00	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.33*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.39*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.49*	
		For Each 0.5% Of Latex Addition, Add	*0.49*	
32 01 13 61-0014	SY	>1,000 To 5,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lb./SY.	4.71	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.32*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.38*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.48*	
		For Each 0.5% Of Latex Addition, Add	*0.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 13 61-0015	SY	>5,000 To 20,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lb./SY.	4.45	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.30*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.36*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.46*	
		For Each 0.5% Of Latex Addition, Add	*0.49*	
32 01 13 61-0016	SY	>20,000 To 50,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lb./SY.	4.20	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.29*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.35*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.45*	
		For Each 0.5% Of Latex Addition, Add	*0.49*	
32 01 13 61-0017	SY	>50,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lb./SY.	3.98	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.28*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.34*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.44*	
		For Each 0.5% Of Latex Addition, Add	*0.49*	
32 01 13 61-0018	SY	Up To 500 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lb./SY.	6.74	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.36*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.42*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.52*	
		For Each 0.5% Of Latex Addition, Add	*0.80*	
32 01 13 61-0019	SY	>500 To 1,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lb./SY.	6.34	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.34*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.40*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.50*	
		For Each 0.5% Of Latex Addition, Add	*0.80*	
32 01 13 61-0020	SY	>1,000 To 5,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lb./SY.	6.03	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.33*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.39*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.49*	
		For Each 0.5% Of Latex Addition, Add	*0.80*	
32 01 13 61-0021	SY	>5,000 To 20,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lb./SY.	5.75	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.31*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.37*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.47*	
		For Each 0.5% Of Latex Addition, Add	*0.80*	
32 01 13 61-0022	SY	>20,000 To 50,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lb./SY.	5.48	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.30*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.36*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.46*	
		For Each 0.5% Of Latex Addition, Add	*0.80*	
32 01 13 61-0023	SY	>50,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lb./SY.	5.25	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.29*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.35*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.45*	
		For Each 0.5% Of Latex Addition, Add	*0.80*	

32 01 13 62 Asphalt Surface Treatment *(32 01 13)*

32 01 13 62-0001 Polymer-Modified, Microsurfacing Emulsion (MSE Microsurfacing) *(32 01 13 62)*
Note: Use a blend of emulsified quickset polymer-modified emulsion asphalt and latex-based polymer. Includes sweeping and cleaning of area.

32 01 13 62-0002	SY	Up To 200 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	12.08
32 01 13 62-0003	SY	Up To 500 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	11.46
32 01 13 62-0004	SY	>500 To 1,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	10.92
32 01 13 62-0005	SY	>1,000 To 5,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	10.46
32 01 13 62-0006	SY	>5,000 To 10,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	10.03
32 01 13 62-0007	SY	>10,000 To 20,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	9.67
32 01 13 62-0008	SY	>20,000 To 50,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	9.41
32 01 13 62-0009	SY	>50,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	9.27

32 01 16 Flexible Paving Rehabilitation *(32 01)*

32 01 16 71 Cold Milling Asphalt Pavement *(32 01 16)*

32 01 16 71-0001 Removal Of Asphalt Surface Course *(32 01 16 71)*
Note: Includes direct loading into truck.

32 01 16 71-0002 Production Cold Milling Of Roads And Parking Areas *(32 01 16 71-0001)*
Note: For removal of entire lanes of roads or parking areas. Includes work around manholes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0040 for hauling.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 16 71-0003	SY	Up To 3" Depth, Production Cold Milling Of Asphalt	5.15	
		For Up To 2,500, Add	*3.86*	
		For >2,500 To 5,000, Add	*1.29*	
		For >10,000 To 25,000, Deduct	*-0.90*	
		For >25,000, Deduct	*-1.29*	
32 01 16 71-0004	SY	>3" To 6" Depth, Production Cold Milling Of Asphalt	6.51	
		For Up To 2,500, Add	*4.88*	
		For >2,500 To 5,000, Add	*1.63*	
		For >10,000 To 25,000, Deduct	*-1.14*	
		For >25,000, Deduct	*-1.63*	
32 01 16 71-0005	SY	>6" To 12" Depth, Production Cold Milling Of Asphalt	8.66	
		For Up To 2,500, Add	*6.50*	
		For >2,500 To 5,000, Add	*2.17*	
		For >10,000 To 25,000, Deduct	*-1.52*	
		For >25,000, Deduct	*-2.17*	

32 01 16 71-0006 Limited Production Cold Milling *(32 01 16 71-0001)*

Note: For cross sections of roadways, trenching, partial shoulders, and other small or narrow areas. Includes work around manholes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0040 for hauling.

32 01 16 71-0007	SY	Up To 3" Depth, Limited Cold Milling Of Asphalt	34.29	
		For >100 To 1,000, Deduct	*-17.15*	
		For >1,000, Deduct	*-25.72*	
32 01 16 71-0008	SY	>3" To 6" Depth, Limited Cold Milling Of Asphalt	45.41	
		For >100 To 1,000, Deduct	*-22.71*	
		For >1,000, Deduct	*-34.06*	
32 01 16 71-0009	SY	>6" To 12" Depth, Limited Cold Milling Of Asphalt	60.47	
		For >100 To 1,000, Deduct	*-30.24*	
		For >1,000, Deduct	*-45.35*	

32 01 16 71-0010 Grind, Leave In-Place Asphalt Grindings *(32 01 16 71)*

Note: For use as subbase material, includes spreading and rolling.

32 01 16 71-0011	SY	Grind, Leave In-Place As Subbase Course, 6-9" Depth	9.11	

32 01 16 74 In Place Hot Reused Asphalt Paving *(32 01 16)*

32 01 16 74-0001 Rejuvenate And Respread Asphalt Pavement *(32 01 16 74)*

Note: Includes direct loading into truck.

32 01 16 74-0002	SY	Removal, Rejuvenation, And Respreading Of Asphalt Grindings To 1/2" Deep	13.01	
32 01 16 74-0003	SY	Removal, Rejuvenation, And Respreading Of Asphalt Grindings To 1/2" Deep, Previously Sealed Cold Tar	15.72	
32 01 16 74-0004	TON	Removal, Rejuvenation, And Respreading Of Asphalt Grindings	234.20	

32 01 16 74-0005 Reclamation, Pulverize And Blending With Existing *(32 01 16 74)*

Note: Includes direct loading into truck.

32 01 16 74-0006	SY	Up To 2" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	18.47	
32 01 16 74-0007	SY	Up To 2" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	9.24	
32 01 16 74-0008	SY	Up To 2" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	4.62	
32 01 16 74-0009	SY	Up To 2" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	4.38	
32 01 16 74-0010	SY	>2" To 3" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	5.04	
32 01 16 74-0011	SY	>2" To 3" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	20.16	
32 01 16 74-0012	SY	>2" To 3" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	10.07	
32 01 16 74-0013	SY	>2" To 3" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	4.75	
32 01 16 74-0014	SY	>3" To 4" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	22.16	
32 01 16 74-0015	SY	>3" To 4" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	11.09	
32 01 16 74-0016	SY	>3" To 4" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	5.54	
32 01 16 74-0017	SY	>3" To 4" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	5.11	
32 01 16 74-0018	SY	>4" To 8" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	24.18	
32 01 16 74-0019	SY	>4" To 8" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	12.09	
32 01 16 74-0020	SY	>4" To 8" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	6.05	
32 01 16 74-0021	SY	>4" To 8" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	5.64	
32 01 16 74-0022	EA	Mobilization And Demobilization For Reclamation, Pulverizing And Blending Crew	2,078.26	

32 01 17 Flexible Paving Repair *(32 01)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

See CSI section 32 12 16 00-0000 for large area resurfacing.

32 01 17 61 Sealing Cracks in Asphalt Paving *(32 01 17)*

Note: Includes removing loose materials and cleaning.

32 01 17 61-0001 Hot-Applied, Pourable, Self-Adhesive Asphalt Binder Compounded With Standard Weight Aggregate Longitudinal Crack And Sealing Repair *(32 01 17 61)*

Note: Includes removing loose materials and cleaning.

32 01 17 61-0002	LF	Up To 200 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	2.05
		For 3/4" x 1/2" Fill, Add	*0.58*
		For 1" x 1/2" Fill, Add	*1.10*
		For Backer Rod, Add	*1.20*
32 01 17 61-0003	LF	>200 To 500 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	1.68
		For 3/4" x 1/2" Fill, Add	*0.49*
		For 1" x 1/2" Fill, Add	*0.92*
		For Backer Rod, Add	*1.09*
32 01 17 61-0004	LF	>500 To 2,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	1.34
		For 3/4" x 1/2" Fill, Add	*0.39*
		For 1" x 1/2" Fill, Add	*0.75*
		For Backer Rod, Add	*0.97*
32 01 17 61-0005	LF	>2,000 To 5,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	1.15
		For 3/4" x 1/2" Fill, Add	*0.34*
		For 1" x 1/2" Fill, Add	*0.66*
		For Backer Rod, Add	*0.91*
32 01 17 61-0006	LF	>5,000 To 10,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	1.02
		For 3/4" x 1/2" Fill, Add	*0.30*
		For 1" x 1/2" Fill, Add	*0.58*
		For Backer Rod, Add	*0.85*
32 01 17 61-0007	LF	>10,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	0.94
		For 3/4" x 1/2" Fill, Add	*0.28*
		For 1" x 1/2" Fill, Add	*0.53*
		For Backer Rod, Add	*0.81*
32 01 17 61-0008	LF	Up To 200 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	3.69
		For 3/8" x 1/4" Fill, Add	*0.85*
		For 1/2" x 1/4" Fill, Add	*1.57*
		For 1/2" x 1/2" Fill, Add	*3.71*
32 01 17 61-0009	LF	>200 To 500 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	2.97
		For 3/8" x 1/4" Fill, Add	*0.70*
		For 1/2" x 1/4" Fill, Add	*1.29*
		For 1/2" x 1/2" Fill, Add	*3.09*
32 01 17 61-0010	LF	>500 To 2,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	2.30
		For 3/8" x 1/4" Fill, Add	*0.56*
		For 1/2" x 1/4" Fill, Add	*1.03*
		For 1/2" x 1/2" Fill, Add	*2.48*
32 01 17 61-0011	LF	>2,000 To 5,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	2.01
		For 3/8" x 1/4" Fill, Add	*0.49*
		For 1/2" x 1/4" Fill, Add	*0.90*
		For 1/2" x 1/2" Fill, Add	*2.18*
32 01 17 61-0012	LF	>5,000 To 10,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	1.82
		For 3/8" x 1/4" Fill, Add	*0.44*
		For 1/2" x 1/4" Fill, Add	*0.81*
		For 1/2" x 1/2" Fill, Add	*1.95*
32 01 17 61-0013	LF	>10,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	1.69
		For 3/8" x 1/4" Fill, Add	*0.40*
		For 1/2" x 1/4" Fill, Add	*0.75*
		For 1/2" x 1/2" Fill, Add	*1.79*
32 01 17 61-0014	LF	For Routing And Cleaning Of Crack, Add Per 1/2" Depth	0.62
32 01 17 61-0015	LF	Crack Fill Backer Material, Up To 1" Diameter, As Required	2.09

32 01 17 63 Flexible Pavement Repair *(32 01 17)*

32 01 17 63-0001 Temporary Pot Hole Repair *(32 01 17 63)*

Note: Includes removal of loose material and moisture, bonding agent, compaction, safety cones and hauling up to 15 miles. Excludes signage, barricades, flagmen, field survey or marking. See CSI section 01 74 19 00-0040 for hauling greater than 15 miles.

32 01 17 63-0002	EA	Temporary Pot Hole Repairs With Cold Mix Modified, Up To 3 Tons	2,043.69
32 01 17 63-0003	TON	Temporary Pot Hole Repairs With Cold Mix Modified Note: Use for each ton over 3 tons.	618.94
32 01 17 63-0004	EA	Temporary Pot Hole Repairs With Cold Mix, Up To 3 Tons	1,949.68
32 01 17 63-0005	TON	Temporary Pot Hole Repairs With Cold Mix Note: Use for each ton over 3 tons.	587.61
32 01 17 63-0006	EA	Temporary Pot Hole Repairs With Hot Mix Modified, Up To 3 Tons	1,902.68
32 01 17 63-0007	TON	Temporary Pot Hole Repairs With Hot Mix Modified Note: Use for each ton over 3 tons.	571.94
32 01 17 63-0008	EA	Temporary Pot Hole Repairs With Hot Mix, Up To 3 Tons	1,855.68
32 01 17 63-0009	TON	Temporary Pot Hole Repairs With Hot Mix Note: Use for each ton over 3 tons.	556.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 17 63-0010		**Permanent Pot Hole Repair** *(32 01 17 63)* Note: Includes removal of loose material and moisture, saw cutting, chipping, squaring off, bonding agent, compaction and hauling up to 15 miles Tasks do not include signage, barricades, flagmen, field survey or marking. See CSI section 01 74 19 00-0040 for hauling greater than 15 miles.		
32 01 17 63-0011	EA	Permanent Pot Hole Repairs With Cold Mix, Up To 3 Tons	2,183.34	
32 01 17 63-0012	TON	Permanent Pot Hole Repairs With Cold Mix Note: Use for each ton over 3 tons.	709.86	
32 01 17 63-0013	EA	Permanent Pot Hole Repairs With Hot Mix Modified, Up To 3 Tons	2,136.34	
32 01 17 63-0014	TON	Permanent Pot Hole Repairs With Hot Mix Modified Note: Use for each ton over 3 tons.	694.19	
32 01 17 63-0015	EA	Permanent Pot Hole Repairs With Hot Mix, Up To 3 Tons	2,089.34	
32 01 17 63-0016	TON	Permanent Pot Hole Repairs With Hot Mix Note: Use for each ton over 3 tons.	678.52	
32 01 17 63-0017		**Asphalt Placement For Small Repairs** *(32 01 17 63)* Note: This section is used for placing up to 100 tons of asphalt after a small area of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc. Includes mobilization of paving equipment such as a roller, placing the asphalt, compaction and hauling up to 15 miles. Excludes saw cutting, demolition of existing pavement, and new subbase material. Use approximately 0.055 tons per square yard per inch of depth. See CSI section 02 41 19 13-0057 for saw cutting, 32 12 16 13-0000 for areas requiring more than 100 tons.		
32 01 17 63-0018	EA	Asphalt Placement For Small Repair Areas, Cold Mix Modified, Up To 3 Tons Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	2,893.92	
32 01 17 63-0019	TON	Asphalt Placement For Small Repair Areas, Cold Mix Modified Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	403.36	
32 01 17 63-0020	EA	Asphalt Placement For Small Repair Areas, Cold Mix, Up To 3 Tons Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	2,799.91	
32 01 17 63-0021	TON	Asphalt Placement For Small Repair Areas, Cold Mix Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	372.03	
32 01 17 63-0022	EA	Asphalt Placement For Small Repair Areas, Hot Mix Modified, Up To 3 Tons Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	2,752.91	
32 01 17 63-0023	TON	Asphalt Placement For Small Repair Areas, Hot Mix Modified Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	356.36	
32 01 17 63-0024	EA	Asphalt Placement For Small Repair Areas, Hot Mix, Up To 3 Tons Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	2,705.91	
32 01 17 63-0025	TON	Asphalt Placement For Small Repair Areas, Hot Mix Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	340.69	
32 01 17 63-0026		**Grind Asphalt** *(32 01 17 63)*		
32 01 17 63-0027	SY	Grinding Asphalt To Level Bump Or Raised Area	26.06	

32 01 26 Rigid Paving Rehabilitation *(32 01)*

32 01 26 71 Grooving of Concrete Paving *(32 01 26)*

32 01 26 71-0001		**Roadway Grooving** *(32 01 26 71)*		
32 01 26 71-0002	EA	First 500 SY Of Pavement Grooving, Concrete, Longitudinal	4,738.42	
32 01 26 71-0003	SY	Each SY Over First 500 SY Of Pavement Grooving, Concrete, Longitudinal	4.38	
32 01 26 71-0004	EA	First 500 SY Of Pavement Grooving, Concrete, Traverse	5,278.77	
32 01 26 71-0005	SY	Each SY Over First 500 SY Of Pavement Grooving, Concrete, Traverse	5.72	
32 01 26 71-0006		**Rumble Strips** *(32 01 26 71)*		
32 01 26 71-0007	EA	First 5280 LF Of MIARDS, Rumble Strips, Asphalt	5,393.69	
32 01 26 71-0008	LF	Each LF Over First 5280 LF Of MIARDS, Rumble Strips, Asphalt	0.99	
32 01 26 71-0009	EA	First 2,000 LF Of MIARDS, Rumble Strips, Concrete	6,010.77	
32 01 26 71-0010	LF	Each LF Over First 2,000 LF Of MIARDS, Rumble Strips, Concrete	1.10	

32 01 26 73 Milling Of Concrete Paving *(32 01 26)*

32 01 26 73-0001		**Removal Of Concrete** *(32 01 26 73)* Note: Includes direct loading into truck.		
32 01 26 73-0002		**Production Milling Of Roads And Parking Areas** *(32 01 26 73-0001)* Note: For removal of entire lanes of roads or parking areas. Includes work around manholes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0040 for hauling.		
32 01 26 73-0003	SY	Production Milling Of Concrete Per Inch	8.20	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 26 73-0004		**Limited Production Milling** *(32 01 26 73-0001)* Note: For cross sections of roadways, trenching, partial shoulders, and other small or narrow areas. Includes work around manholes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0040 for hauling.		
32 01 26 73-0005	SY	Limited Production Milling Of Concrete Per Inch	51.54	

32 01 29 Rigid Paving Repair *(32 01)*

32 01 29 61 Partial Depth Patching of Rigid Paving *(32 01 29)*

32 01 29 61-0001		**Hot Applied Flexible Concrete Repair** *(32 01 29 61)* Note: Excludes saw cutting (where required), flagmen.		
32 01 29 61-0002	EA	Minimum Charge For Hot Applied Flexible Concrete Repair Note: For projects where the total Hot Applied Flexible Concrete Repair In Asphalt charge is less than the minimum charge, use task "Minimum Charge For Hot Applied Flexible Concrete Repair" exclusively. Task "Minimum Charge For Hot Applied Flexible Concrete Repair" should not be used in conjunction with any other tasks in this section.	1,388.29	
32 01 29 61-0003	SF	Up To 2" Depth, Hot Applied Flexible Concrete Repair	74.19	
		For >25 SF Quantity, Deduct	*-7.42*	
32 01 29 61-0004	SF	>2" To 4" Depth, Hot Applied Flexible Concrete Repair	138.81	
		For >25 SF Quantity, Deduct	*-13.88*	
32 01 29 61-0005	SF	>4" To 6" Depth, Hot Applied Flexible Concrete Repair	202.80	
		For >25 SF Quantity, Deduct	*-20.28*	
32 01 29 61-0006	SF	>6" To 8" Depth, Hot Applied Flexible Concrete Repair	266.79	
		For >25 SF Quantity, Deduct	*-26.68*	
32 01 29 61-0007	SF	>8" To 10" Depth, Hot Applied Flexible Concrete Repair	330.77	
		For >25 SF Quantity, Deduct	*-33.08*	
32 01 29 61-0008	CF	>10" Depth, Hot Applied Flexible Concrete Repair	394.13	
32 01 29 61-0009		**Cold Applied Flexible Concrete Repair** *(32 01 29 61)*		
32 01 29 61-0010	SF	1/8" To 1/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water)	7.53	
32 01 29 61-0011	SF	1/4" To 1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water)	10.72	
32 01 29 61-0012	SF	1/2" To 3/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water)	14.05	
32 01 29 61-0013	SF	3/4" To 1" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water)	17.50	
32 01 29 61-0014	SF	1" To 1-1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water)	24.92	
32 01 29 61-0015	SF	1/8" To 1/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R)	7.62	
32 01 29 61-0016	SF	1/4" To 1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R)	10.82	
32 01 29 61-0017	SF	1/2" To 3/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R)	14.14	
32 01 29 61-0018	SF	3/4" To 1" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R)	17.59	
32 01 29 61-0019	SF	1" To 1-1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R)	25.01	
32 01 29 61-0020	SF	1/8" To 1/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R)	7.57	
32 01 29 61-0021	SF	1/4" To 1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R)	10.77	
32 01 29 61-0022	SF	1/2" To 3/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R)	14.10	
32 01 29 61-0023	SF	3/4" To 1" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R)	17.54	
32 01 29 61-0024	SF	1" To 1-1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R)	24.96	

32 01 90 Operation and Maintenance of Planting *(32 01)*

Note: These tasks are to be used as requested by the owner to maintain existing conditions.

32 01 90 13 Fertilizing *(32 01 90)*

32 01 90 13-0001	MSF	Fertilizer - 2 Lb. Of Nitrogen/MSF (Granular)	17.72	
32 01 90 13-0002	MSF	Fertilizer - 2 Lb. Of Nitrogen/MSF (Liquid)	13.01	
32 01 90 13-0003	MSF	Fertilizer - 0.5 Lb. Of Nitrogen/MSF (Granular)	14.21	
32 01 90 13-0004	MSF	Fertilizer - 0.5 Lb. Of Nitrogen/MSF (Liquid)	11.68	

32 01 90 19 Mowing *(32 01 90)*

32 01 90 19-0001	ACR	Vegetation Cutting By Bush Hog Note: Includes normal debris removal, cutting, and trimming.	244.79	
		For <1 Acre, Add	*61.20*	

32 01 90 23 Pruning *(32 01 90)*

32 01 90 23-0001		**Tree Pruning** *(32 01 90 23)* Note: Types of pruning for mature trees (these standards are established by the ISA - International Society of Arboriculture). Includes loading onto truck or dumpster.		
32 01 90 23-0002		**Tree Pruning; Crown Cleaning** *(32 01 90 23-0001)* Note: Crown cleaning or cleaning out is the removal of dead, dying, diseased, crowded, weakly attached, and low-vigor branches and waterspouts from a tree crown.		
32 01 90 23-0003	EA	1-1/2" Caliper, Tree Pruning (Crown Cleaning), By Hand	37.32	
		For >25, Deduct	*-4.67*	
32 01 90 23-0004	EA	2" Caliper, Tree Pruning (Crown Cleaning), By Hand	42.65	
		For >25, Deduct	*-5.33*	
32 01 90 23-0005	EA	2-1/2" Caliper, Tree Pruning (Crown Cleaning), By Hand	47.98	
		For >25, Deduct	*-6.00*	
32 01 90 23-0006	EA	3" Caliper, Tree Pruning (Crown Cleaning), By Hand	53.32	
		For >25, Deduct	*-6.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 90 23-0007	EA	4" Caliper, Tree Pruning (Crown Cleaning), By Hand	81.02	
		For >25, Deduct	*-10.13*	
32 01 90 23-0008	EA	4" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	132.72	
		For >25, Deduct	*-16.59*	
32 01 90 23-0009	EA	6" Caliper, Tree Pruning (Crown Cleaning), By Hand	141.79	
		For >25, Deduct	*-17.72*	
32 01 90 23-0010	EA	6" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	252.77	
		For >25, Deduct	*-31.60*	
32 01 90 23-0011	EA	9" Caliper, Tree Pruning (Crown Cleaning), By Hand	227.07	
		For >25, Deduct	*-28.38*	
32 01 90 23-0012	EA	9" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	404.34	
		For >25, Deduct	*-50.54*	
32 01 90 23-0013	EA	12" Caliper, Tree Pruning (Crown Cleaning), By Hand	262.37	
		For >25, Deduct	*-32.80*	
32 01 90 23-0014	EA	12" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	467.60	
		For >25, Deduct	*-58.45*	
32 01 90 23-0015	EA	18" Caliper, Tree Pruning (Crown Cleaning), By Hand	305.00	
		For >25, Deduct	*-30.50*	
32 01 90 23-0016	EA	18" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	543.42	
		For >25, Deduct	*-54.34*	
32 01 90 23-0017	EA	24" Caliper, Tree Pruning (Crown Cleaning), By Hand	371.27	
		For >25, Deduct	*-37.13*	
32 01 90 23-0018	EA	24" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	657.27	
		For >25, Deduct	*-65.73*	
32 01 90 23-0019	EA	30" Caliper, Tree Pruning (Crown Cleaning), By Hand	461.20	
		For >25, Deduct	*-46.12*	
32 01 90 23-0020	EA	30" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	828.36	
		For >25, Deduct	*-82.84*	
32 01 90 23-0021	EA	36" Caliper, Tree Pruning (Crown Cleaning), By Hand	631.69	
		For >25, Deduct	*-63.17*	
32 01 90 23-0022	EA	36" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	1,122.70	
		For >25, Deduct	*-112.27*	
32 01 90 23-0023	EA	48" Caliper, Tree Pruning (Crown Cleaning), By Hand	1,002.15	
		For >25, Deduct	*-100.22*	
32 01 90 23-0024	EA	48" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	1,805.49	
		For >25, Deduct	*-180.55*	

32 01 90 23-0025 Tree Pruning; Crown Thinning *(32 01 90 23-0001)*

Note: Crown thinning includes crown cleaning and the selective removal of branches to increase light penetration and air movement into the crown. Increased light and air stimulates and maintains interior foliage, which in turn improves branch taper and strength. Thinning reduces the wind-sail effect of the crown and the weight of the heavy limbs. Thinning the crown can emphasize the structural beauty of the trunk and branches as well as improve the growth of plants beneath the tree by increasing light penetration. When thinning the crown of mature trees, seldom should more than one-third of the live foliage be removed. At least one-half of the foliage should be on branches that arise in the lower two- thirds of the trees. Likewise, when thinning laterals from a limb, an effort should be made to retain inner lateral branches and leave the same distribution of foliage along the branch. Trees and branches so pruned will have stress more evenly distributed throughout the tree or along a branch.

32 01 90 23-0026	EA	1-1/2" Caliper, Tree Pruning (Crown Thinning), By Hand	45.74	
		For >25, Deduct	*-5.72*	
32 01 90 23-0027	EA	2" Caliper, Tree Pruning (Crown Thinning), By Hand	52.25	
		For >25, Deduct	*-6.53*	
32 01 90 23-0028	EA	2-1/2" Caliper, Tree Pruning (Crown Thinning), By Hand	58.75	
		For >25, Deduct	*-7.34*	
32 01 90 23-0029	EA	3" Caliper, Tree Pruning (Crown Thinning), By Hand	65.36	
		For >25, Deduct	*-8.17*	
32 01 90 23-0030	EA	4" Caliper, Tree Pruning (Crown Thinning), By Hand	99.27	
		For >25, Deduct	*-12.41*	
32 01 90 23-0031	EA	4" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	162.53	
		For >25, Deduct	*-20.32*	
32 01 90 23-0032	EA	6" Caliper, Tree Pruning (Crown Thinning), By Hand	173.70	
		For >25, Deduct	*-21.71*	
32 01 90 23-0033	EA	6" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	309.64	
		For >25, Deduct	*-38.71*	
32 01 90 23-0034	EA	9" Caliper, Tree Pruning (Crown Thinning), By Hand	278.19	
		For >25, Deduct	*-34.77*	
32 01 90 23-0035	EA	9" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	495.30	
		For >25, Deduct	*-61.91*	
32 01 90 23-0036	EA	12" Caliper, Tree Pruning (Crown Thinning), By Hand	321.38	
		For >25, Deduct	*-40.17*	
32 01 90 23-0037	EA	12" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	572.77	
		For >25, Deduct	*-71.60*	
32 01 90 23-0038	EA	18" Caliper, Tree Pruning (Crown Thinning), By Hand	373.62	
		For >25, Deduct	*-37.36*	
32 01 90 23-0039	EA	18" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	665.67	
		For >25, Deduct	*-66.57*	
32 01 90 23-0040	EA	24" Caliper, Tree Pruning (Crown Thinning), By Hand	454.77	
		For >25, Deduct	*-45.48*	
32 01 90 23-0041	EA	24" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	805.19	
		For >25, Deduct	*-80.52*	
32 01 90 23-0042	EA	30" Caliper, Tree Pruning (Crown Thinning), By Hand	564.91	
		For >25, Deduct	*-56.49*	
32 01 90 23-0043	EA	30" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	1,014.74	
		For >25, Deduct	*-101.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 90 23-0044	EA	36" Caliper, Tree Pruning (Crown Thinning), By Hand	773.81	
		For >25, Deduct	*-77.38*	
32 01 90 23-0045	EA	36" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	1,375.31	
		For >25, Deduct	*-137.53*	
32 01 90 23-0046	EA	48" Caliper, Tree Pruning (Crown Thinning), By Hand	1,227.61	
		For >25, Deduct	*-122.76*	
32 01 90 23-0047	EA	48" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	2,211.72	
		For >25, Deduct	*-221.17*	

32 01 90 23-0048 Tree Pruning; Crown Raising *(32 01 90 23-0001)*

Note: Crown raising removes the lower branches of a tree in order to provide clearance for buildings, vehicles, pedestrians, and vistas. It is important that a tree have at least one-half of its foliage on branches that originate in the lower two-thirds of its trunk to ensure a well-formed, tapered structure and to uniformly distribute stress within a tree. When pruning for view, it is preferable to develop "windows" through the foliage of the tree, rather than to severely raise or reduce the crown.

32 01 90 23-0049	EA	1-1/2" Caliper, Tree Pruning (Crown Raising), By Hand	50.44	
		For >25, Deduct	*-6.31*	
32 01 90 23-0050	EA	2" Caliper, Tree Pruning (Crown Raising), By Hand	57.58	
		For >25, Deduct	*-7.20*	
32 01 90 23-0051	EA	2-1/2" Caliper, Tree Pruning (Crown Raising), By Hand	64.83	
		For >25, Deduct	*-8.10*	
32 01 90 23-0052	EA	3" Caliper, Tree Pruning (Crown Raising), By Hand	71.97	
		For >25, Deduct	*-9.00*	
32 01 90 23-0053	EA	4" Caliper, Tree Pruning (Crown Raising), By Hand	109.40	
		For >25, Deduct	*-13.68*	
32 01 90 23-0054	EA	4" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	179.21	
		For >25, Deduct	*-22.40*	
32 01 90 23-0055	EA	6" Caliper, Tree Pruning (Crown Raising), By Hand	191.40	
		For >25, Deduct	*-23.93*	
32 01 90 23-0056	EA	6" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	341.24	
		For >25, Deduct	*-42.66*	
32 01 90 23-0057	EA	9" Caliper, Tree Pruning (Crown Raising), By Hand	306.56	
		For >25, Deduct	*-38.32*	
32 01 90 23-0058	EA	9" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	545.85	
		For >25, Deduct	*-68.23*	
32 01 90 23-0059	EA	12" Caliper, Tree Pruning (Crown Raising), By Hand	354.22	
		For >25, Deduct	*-44.28*	
32 01 90 23-0060	EA	12" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	631.29	
		For >25, Deduct	*-78.91*	
32 01 90 23-0061	EA	18" Caliper, Tree Pruning (Crown Raising), By Hand	411.80	
		For >25, Deduct	*-41.18*	
32 01 90 23-0062	EA	18" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	733.66	
		For >25, Deduct	*-73.37*	
32 01 90 23-0063	EA	24" Caliper, Tree Pruning (Crown Raising), By Hand	501.26	
		For >25, Deduct	*-50.13*	
32 01 90 23-0064	EA	24" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	887.34	
		For >25, Deduct	*-88.73*	
32 01 90 23-0065	EA	30" Caliper, Tree Pruning (Crown Raising), By Hand	622.61	
		For >25, Deduct	*-62.26*	
32 01 90 23-0066	EA	30" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	1,118.25	
		For >25, Deduct	*-111.83*	
32 01 90 23-0067	EA	36" Caliper, Tree Pruning (Crown Raising), By Hand	852.81	
		For >25, Deduct	*-85.28*	
32 01 90 23-0068	EA	36" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	1,515.60	
		For >25, Deduct	*-151.56*	
32 01 90 23-0069	EA	48" Caliper, Tree Pruning (Crown Raising), By Hand	1,352.91	
		For >25, Deduct	*-135.29*	
32 01 90 23-0070	EA	48" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	2,437.45	
		For >25, Deduct	*-243.75*	

32 01 90 23-0071 Tree Pruning; Crown Reduction *(32 01 90 23-0001)*

Note: Crown reduction is used to reduce the height and/or spread of a tree. Thinning cuts are most effective in maintaining the structural integrity and natural form of a tree and in delaying the time when it will need to be pruned again. The lateral to which a branch or trunk is cut should be at least one-half the diameter of the cut being made.

32 01 90 23-0072	EA	1-1/2" Caliper, Tree Pruning (Crown Reduction), By Hand	54.17	
		For >25, Deduct	*-6.77*	
32 01 90 23-0073	EA	2" Caliper, Tree Pruning (Crown Reduction), By Hand	61.84	
		For >25, Deduct	*-7.73*	
32 01 90 23-0074	EA	2-1/2" Caliper, Tree Pruning (Crown Reduction), By Hand	69.62	
		For >25, Deduct	*-8.70*	
32 01 90 23-0075	EA	3" Caliper, Tree Pruning (Crown Reduction), By Hand	77.30	
		For >25, Deduct	*-9.66*	
32 01 90 23-0076	EA	4" Caliper, Tree Pruning (Crown Reduction), By Hand	117.51	
		For >25, Deduct	*-14.69*	
32 01 90 23-0077	EA	4" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	192.48	
		For >25, Deduct	*-24.06*	
32 01 90 23-0078	EA	6" Caliper, Tree Pruning (Crown Reduction), By Hand	205.58	
		For >25, Deduct	*-25.70*	
32 01 90 23-0079	EA	6" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	366.51	
		For >25, Deduct	*-45.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 90 23-0080	EA	9" Caliper, Tree Pruning (Crown Reduction), By Hand	329.27	
		For >25, Deduct	*-41.16*	
32 01 90 23-0081	EA	9" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	586.30	
		For >25, Deduct	*-73.29*	
32 01 90 23-0082	EA	12" Caliper, Tree Pruning (Crown Reduction), By Hand	380.45	
		For >25, Deduct	*-47.56*	
32 01 90 23-0083	EA	12" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	678.05	
		For >25, Deduct	*-84.76*	
32 01 90 23-0084	EA	18" Caliper, Tree Pruning (Crown Reduction), By Hand	442.30	
		For >25, Deduct	*-44.23*	
32 01 90 23-0085	EA	18" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	788.01	
		For >25, Deduct	*-78.80*	
32 01 90 23-0086	EA	24" Caliper, Tree Pruning (Crown Reduction), By Hand	538.37	
		For >25, Deduct	*-53.84*	
32 01 90 23-0087	EA	24" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	953.07	
		For >25, Deduct	*-95.31*	
32 01 90 23-0088	EA	30" Caliper, Tree Pruning (Crown Reduction), By Hand	668.77	
		For >25, Deduct	*-66.88*	
32 01 90 23-0089	EA	30" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	1,201.16	
		For >25, Deduct	*-120.12*	
32 01 90 23-0090	EA	36" Caliper, Tree Pruning (Crown Reduction), By Hand	915.94	
		For >25, Deduct	*-91.59*	
32 01 90 23-0091	EA	36" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	1,627.95	
		For >25, Deduct	*-162.80*	
32 01 90 23-0092	EA	48" Caliper, Tree Pruning (Crown Reduction), By Hand	1,453.14	
		For >25, Deduct	*-145.31*	
32 01 90 23-0093	EA	48" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	2,617.92	
		For >25, Deduct	*-261.79*	

32 01 90 23-0094 Tree Pruning; Crown Restoration *(32 01 90 23-0001)*

Note: Crown restoration can improve the structure and appearance of trees that have been topped or severely pruned using heading cuts. One to three sprouts on main branch stubs should be selected to reform a more natural appearing crown. Selected vigorous sprouts may need to be thinned to a lateral, or even headed, to control length growth in order to ensure adequate attachment for the size of the sprout. Restoration may require several pruning's over a number of years.

32 01 90 23-0095	EA	1-1/2" Caliper, Tree Pruning (Crown Restoration), By Hand	62.16	
		For >25, Deduct	*-7.77*	
32 01 90 23-0096	EA	2" Caliper, Tree Pruning (Crown Restoration), By Hand	71.12	
		For >25, Deduct	*-8.89*	
32 01 90 23-0097	EA	2-1/2" Caliper, Tree Pruning (Crown Restoration), By Hand	79.97	
		For >25, Deduct	*-10.00*	
32 01 90 23-0098	EA	3" Caliper, Tree Pruning (Crown Restoration), By Hand	88.82	
		For >25, Deduct	*-11.10*	
32 01 90 23-0099	EA	4" Caliper, Tree Pruning (Crown Restoration), By Hand	135.00	
		For >25, Deduct	*-16.88*	
32 01 90 23-0100	EA	4" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	221.17	
		For >25, Deduct	*-27.65*	
32 01 90 23-0101	EA	6" Caliper, Tree Pruning (Crown Restoration), By Hand	236.29	
		For >25, Deduct	*-29.54*	
32 01 90 23-0102	EA	6" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	421.24	
		For >25, Deduct	*-52.66*	
32 01 90 23-0103	EA	9" Caliper, Tree Pruning (Crown Restoration), By Hand	378.43	
		For >25, Deduct	*-47.30*	
32 01 90 23-0104	EA	9" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	673.88	
		For >25, Deduct	*-84.24*	
32 01 90 23-0105	EA	12" Caliper, Tree Pruning (Crown Restoration), By Hand	437.29	
		For >25, Deduct	*-54.66*	
32 01 90 23-0106	EA	12" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	779.29	
		For >25, Deduct	*-97.41*	
32 01 90 23-0107	EA	18" Caliper, Tree Pruning (Crown Restoration), By Hand	508.30	
		For >25, Deduct	*-50.83*	
32 01 90 23-0108	EA	18" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	905.67	
		For >25, Deduct	*-90.57*	
32 01 90 23-0109	EA	24" Caliper, Tree Pruning (Crown Restoration), By Hand	618.76	
		For >25, Deduct	*-61.88*	
32 01 90 23-0110	EA	24" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	1,095.50	
		For >25, Deduct	*-109.55*	
32 01 90 23-0111	EA	30" Caliper, Tree Pruning (Crown Restoration), By Hand	768.68	
		For >25, Deduct	*-76.87*	
32 01 90 23-0112	EA	30" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	1,380.63	
		For >25, Deduct	*-138.06*	
32 01 90 23-0113	EA	36" Caliper, Tree Pruning (Crown Restoration), By Hand	1,052.85	
		For >25, Deduct	*-105.29*	
32 01 90 23-0114	EA	36" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	1,871.24	
		For >25, Deduct	*-187.12*	
32 01 90 23-0115	EA	48" Caliper, Tree Pruning (Crown Restoration), By Hand	1,670.23	
		For >25, Deduct	*-167.02*	
32 01 90 23-0116	EA	48" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	3,009.21	
		For >25, Deduct	*-300.92*	

32 01 90 23-0117 Palm Tree Pruning *(32 01 90 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 90 23-0118	EA	Trim Mexican Palm Tree	113.05	
		For >25, Deduct	*-14.13*	
32 01 90 23-0119	EA	Trim Date Palm Tree	255.10	
		For >25, Deduct	*-31.89*	
32 01 90 23-0120	LF	Skin Palm Tree	28.99	
		For >25, Deduct	*-3.62*	
32 01 90 23-0121	EA	Trim And Skin Palm Tree, Up To 30' Height	107.43	
		For >25, Deduct	*-13.43*	
32 01 90 23-0122	EA	Trim And Skin Palm Tree, >30' To 60' Height	132.71	
		For >25, Deduct	*-16.59*	
32 01 90 23-0123	EA	Trim And Skin Palm Tree, >60' To 80' Height	148.50	
		For >25, Deduct	*-18.56*	

32 01 90 23-0124 Shrub Pruning *(32 01 90 23)*

32 01 90 23-0125	MSF	Shrub Pruning, Prune, Shrub Bed	121.50	
32 01 90 23-0126	EA	Shrub Pruning, Prune, Shrub Under 3' Height	4.26	
32 01 90 23-0127	EA	Shrub Pruning, Prune, Shrub 4' Height	9.60	
32 01 90 23-0128	EA	Shrub Pruning, Prune, Shrub Over 6'	17.06	
32 01 90 23-0129	EA	Shrub Pruning, Prune Trees From Ground	42.65	
32 01 90 23-0130	EA	Shrub Pruning, Prune Trees From Ground, High Work	106.63	

32 01 90 23-0131 Root Pruning *(32 01 90 23)*

Note: Cut roots cleanly after excavation with clean, sharp tools, to promote callus formation and wound closure. Wounds to be dressed with a tree rooting hormone compound. Mix soil improvements (e.g., peat moss) with fill soil to promote new root growth. Backfill the excavation and water the soil around the roots to avoid leaving air pockets.

32 01 90 23-0132	EA	Root Pruning, One Side Of Up To 1-1/2" Caliper Tree	21.32	
32 01 90 23-0133	EA	Root Pruning, One Side Of 2" Caliper Tree	26.66	
32 01 90 23-0134	EA	Root Pruning, One Side Of 2-1/2" Caliper Tree	31.99	
32 01 90 23-0135	EA	Root Pruning, One Side Of 3" Caliper Tree	42.65	
32 01 90 23-0136	EA	Root Pruning, One Side Of 4" Caliper Tree	63.98	
32 01 90 23-0137	EA	Root Pruning, One Side Of >4" To 6" Caliper Tree	79.97	
32 01 90 23-0138	EA	Root Pruning, One Side Of >6" To 9" Caliper Tree	111.96	
32 01 90 23-0139	EA	Root Pruning, One Side Of >9" To 12" Caliper Tree	127.95	
32 01 90 23-0140	EA	Root Pruning, One Side Of >12" To 18" Caliper Tree	149.28	
32 01 90 23-0141	EA	Root Pruning, One Side Of >18' To 24" Caliper Tree	186.60	
32 01 90 23-0142	EA	Root Pruning, One Side Of >24" To 30" Caliper Tree	229.25	
32 01 90 23-0143	EA	Root Pruning, One Side Of >30" To 36" Caliper Tree	266.58	
32 01 90 23-0144	EA	Root Pruning, One Side Of >36" To 42" Caliper Tree	293.23	
32 01 90 23-0145	EA	Root Pruning, One Side Of >42" To 48" Caliper Tree	319.89	

32 01 90 26 Watering *(32 01 90)*

Note: Includes delivered water. Not to be used as basis if watering with irrigation system or on-site owner provided water from hose or hydrant.

32 01 90 26-0001 Watering Lawns, Plants And Trees *(32 01 90 26)*

Note: Includes delivered water and watering truck. Not to be used as basis if watering with irrigation system or on-site owner provided water from hose or hydrant. These tasks are to be used as requested by the owner for additional watering beyond initial watering at installation for extended watering period of lawns, plants and trees.

32 01 90 26-0002	MSF	Watering Sod/Grass, Per Inch Of Water	55.24	
32 01 90 26-0003	CSF	Watering Groundcover	8.58	
32 01 90 26-0004	CSF	Watering Annuals And Perennials	15.24	
32 01 90 26-0005	EA	Watering Trees, 1-1/2" To 5" Diameter By Hand	29.55	
32 01 90 26-0006	EA	Watering Trees, 6" To 12" Diameter By Hand	38.84	
32 01 90 26-0007	EA	Watering Trees, 13" To 18" Diameter By Hand	48.13	
32 01 90 26-0008	EA	Watering Trees, >18" Diameter By Hand	59.26	
32 01 90 26-0009	EA	Watering Shrub Or Bush By Hand	14.85	

32 01 90 36 Weed and Brush Control *(32 01 90)*

32 01 90 36-0001 Herbicide, Push Or Hand Spreader Applied *(32 01 90 36)*

32 01 90 36-0002	MSF	Non-Selective Post Emergent Weed Herbicide (70.4 Oz./Acre or 1.62 Oz./MSF)	9.76	
		For >45 To 90, Deduct	*-0.53*	
		For >90 To 225, Deduct	*-1.51*	
		For >225 To 870, Deduct	*-2.48*	
		For >870, Deduct	*-3.01*	
32 01 90 36-0003	MSF	Non-Selective Post Emergent Woody Brush And Tree Herbicide (128 Oz./Acre or 2.94 Oz./MSF)	10.46	
		For >45 To 90, Deduct	*-0.60*	
		For >90 To 225, Deduct	*-1.65*	
		For >225 To 870, Deduct	*-2.69*	
		For >870, Deduct	*-3.29*	
32 01 90 36-0004	MSF	Selective Weed Herbicide (56 Oz./Acre or 1.28 Oz./MSF)	10.41	
		Note: Includes pre and post emergent.		
		For >45 To 90, Deduct	*-0.60*	
		For >90 To 225, Deduct	*-1.64*	
		For >225 To 870, Deduct	*-2.68*	
		For >870, Deduct	*-3.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 90 36-0005	MSF	Selective Woody Brush And Tree Herbicide (72 Oz./Acre or 1.65 Oz./MSF) Note: Includes pre and post emergent.	10.85	
		For >45 To 90, Deduct	*-0.64*	
		For >90 To 225, Deduct	*-1.73*	
		For >225 To 870, Deduct	*-2.81*	
		For >870, Deduct	*-3.45*	

32 01 90 39 Pesticides *(32 01 90)*

32 01 90 39-0001	MSF	Pesticide - Surface Eating	13.53	
32 01 90 39-0002	MSF	Pesticide - Subsurface Eating	13.58	
32 01 90 39-0003	MSF	Pesticide - Fungicide Application	14.64	

32 01 90 43 Weed and Cultivate Beds *(32 01 90)*

32 01 90 43-0001	MSF	Weed Mulched Bed	52.31	
32 01 90 43-0002	MSF	Weed Unmulched Bed	149.44	
32 01 90 43-0003	MSF	Cultivate Bed	80.47	

32 01 90 46 Hedge Trimming *(32 01 90)*

32 01 90 46-0001	LF	Trim 0-5' High Hedge, 0-3' Wide	6.89	
32 01 90 46-0002	LF	Trim 0-5' High Hedge, 4-6' Wide	10.33	
32 01 90 46-0003	LF	Trim 5-10' High Hedge, 0-3' Wide	15.64	
32 01 90 46-0004	LF	Trim 5-10' High Hedge, 4-6' Wide	15.93	

32 01 90 53 Plant Growth Regulator Application *(32 01 90)*

32 01 90 53-0001	EA	Plant Growth Regulator Application	7.57	

32 10 Bases, Ballasts, and Paving *(32)*

32 11 Base Courses *(32 10)*

32 11 16 Subbase Courses *(32 11)*

32 11 16 16 Aggregate Subbase Courses *(32 11 16)*

32 11 16 16-0001 Base And Subbase Courses For Roadways And Parking Areas *(32 11 16 16)*
Note: Includes 3/4" To 1-1/2" aggregate material, hauling up to 15 miles, dumping, spreading, grading, compacting and watering. See CSI section 01 74 19 00-0040 for hauling greater than 15 miles.

32 11 16 16-0002 Base And Subbase Courses By The CY *(32 11 16 16-0001)*

32 11 16 16-0003	CY	Class II Graded Crushed Aggregate Roadway Base Course	116.32	
32 11 16 16-0004	CY	Class III Graded Crushed Aggregate Roadway Base Course	111.97	

32 11 16 16-0005 Class II Base Courses By The SY *(32 11 16 16-0001)*

32 11 16 16-0006	SY	2" Class II Graded Crushed Aggregate Base Course	6.39	
		For Up To 500, Add	*1.65*	
		For >500 To 1,000, Add	*0.64*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000, Deduct	*-0.42*	
32 11 16 16-0007	SY	4" Class II Crushed Aggregate Base Course	12.79	
		For Up To 500, Add	*3.31*	
		For >500 To 1,000, Add	*1.28*	
		For >5,000 To 10,000, Deduct	*-0.49*	
		For >10,000, Deduct	*-0.83*	
32 11 16 16-0008	SY	6" Class II Crushed Aggregate Base Course	19.18	
		For Up To 500, Add	*4.96*	
		For >500 To 1,000, Add	*1.92*	
		For >5,000 To 10,000, Deduct	*-0.73*	
		For >10,000, Deduct	*-1.25*	
32 11 16 16-0009	SY	9" Class II Crushed Aggregate Base Course	28.76	
		For Up To 500, Add	*7.43*	
		For >500 To 1,000, Add	*2.88*	
		For >5,000 To 10,000, Deduct	*-1.09*	
		For >10,000, Deduct	*-1.87*	
32 11 16 16-0010	SY	12" Class II Crushed Aggregate Base Course	38.35	
		For Up To 500, Add	*9.91*	
		For >500 To 1,000, Add	*3.84*	
		For >5,000 To 10,000, Deduct	*-1.46*	
		For >10,000, Deduct	*-2.49*	

32 11 23 Aggregate Base Courses *(32 11)*

32 11 23 16 Aggregate Base Courses *(32 11 23)*

32 11 23 16-0001 Base Courses For Sidewalk (Asphalt Or Concrete) *(32 11 23 16)*
Note: Includes material, hauling up to 15 miles, placement, spreading, grading, and compaction. See CSI section 01 74 19 00-0040 for hauling greater than 15 miles.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 11 23 16-0002	SF	2" Crushed Aggregate Base Course For Sidewalks	0.78	
		For Up To 1,000, Add	*0.22*	
		For >1,000 To 2,500, Add	*0.08*	
32 11 23 16-0003	SF	3" Crushed Aggregate Base Course For Sidewalks	1.10	
		For Up To 1,000, Add	*0.31*	
		For >1,000 To 2,500, Add	*0.11*	
32 11 23 16-0004	SF	4" Crushed Aggregate Base Course For Sidewalks	1.44	
		For Up To 1,000, Add	*0.40*	
		For >1,000 To 2,500, Add	*0.14*	
32 11 23 16-0005	SF	5" Crushed Aggregate Base Course For Sidewalks	1.87	
		For Up To 1,000, Add	*0.52*	
		For >1,000 To 2,500, Add	*0.19*	
32 11 23 16-0006	SF	6" Crushed Aggregate Base Course For Sidewalks	2.29	
		For Up To 1,000, Add	*0.63*	
		For >1,000 To 2,500, Add	*0.23*	
32 11 23 16-0007	SF	7" Crushed Aggregate Base Course For Sidewalks	2.65	
		For Up To 1,000, Add	*0.74*	
		For >1,000 To 2,500, Add	*0.27*	
32 11 23 16-0008	SF	8" Crushed Aggregate Base Course For Sidewalks	2.99	
		For Up To 1,000, Add	*0.83*	
		For >1,000 To 2,500, Add	*0.30*	

32 11 26 Asphaltic Base Courses *(32 11)*

32 11 26 19 Bituminous-Stabilized Base Courses *(32 11 26)*

32 11 26 19-0001 Bituminous-Stabilized Base Courses *(32 11 26 19)*

32 11 26 19-0002	CY	Bituminous Stabilized Base Course Note: 3/4" ASTM C33.	133.00

32 12 Flexible Paving *(32 10)*

32 12 13 Preparatory Coats *(32 12)*

32 12 13 13 Tack Coats *(32 12 13)*

32 12 13 13-0001	SY	Tack Coat, 0.04 Gallon/SY	0.84
		For Up To 150, Add	*0.17*
		For >150 To 300, Add	*0.08*
		For >300 To 500, Add	*0.04*
		For >3,500 To 5,000, Deduct	*-0.02*
		For >5,000, Deduct	*-0.05*
32 12 13 13-0002	SY	Tack Coat, 0.05 Gallon/SY	0.94
		For Up To 150, Add	*0.19*
		For >150 To 300, Add	*0.09*
		For >300 To 500, Add	*0.05*
		For >3,500 To 5,000, Deduct	*-0.02*
		For >5,000, Deduct	*-0.06*
32 12 13 13-0003	SY	Tack Coat, 0.07 Gallon/SY	1.14
		For Up To 150, Add	*0.24*
		For >150 To 300, Add	*0.11*
		For >300 To 500, Add	*0.06*
		For >3,500 To 5,000, Deduct	*-0.03*
		For >5,000, Deduct	*-0.07*
32 12 13 13-0004	SY	Tack Coat, 0.08 Gallon/SY	1.24
		For Up To 150, Add	*0.27*
		For >150 To 300, Add	*0.12*
		For >300 To 500, Add	*0.06*
		For >3,500 To 5,000, Deduct	*-0.03*
		For >5,000, Deduct	*-0.08*
32 12 13 13-0005	SY	Tack Coat, 0.10 Gallon/SY	1.44
		For Up To 150, Add	*0.32*
		For >150 To 300, Add	*0.14*
		For >300 To 500, Add	*0.07*
		For >3,500 To 5,000, Deduct	*-0.04*
		For >5,000, Deduct	*-0.10*
32 12 13 13-0006	SY	Tack Coat, 0.11 Gallon/SY	1.55
		For Up To 150, Add	*0.34*
		For >150 To 300, Add	*0.16*
		For >300 To 500, Add	*0.08*
		For >3,500 To 5,000, Deduct	*-0.04*
		For >5,000, Deduct	*-0.11*

32 12 13 19 Prime Coats *(32 12 13)*

32 12 13 19-0001	SY	Surface Prime Coat, 0.26 Gallon/SY	2.65
		For Up To 150, Add	*0.61*
		For >150 To 300, Add	*0.27*
		For >300 To 500, Add	*0.13*
		For >3,500 To 5,000, Deduct	*-0.07*
		For >5,000, Deduct	*-0.19*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 13 19-0002	SY	Surface Prime Coat, 0.28 Gallon/SY	2.81	
		For Up To 150, Add	*0.65*	
		For >150 To 300, Add	*0.28*	
		For >300 To 500, Add	*0.14*	
		For >3,500 To 5,000, Deduct	*-0.07*	
		For >5,000, Deduct	*-0.20*	
32 12 13 19-0003	SY	Surface Prime Coat, 0.30 Gallon/SY	2.98	
		For Up To 150, Add	*0.69*	
		For >150 To 300, Add	*0.30*	
		For >300 To 500, Add	*0.15*	
		For >3,500 To 5,000, Deduct	*-0.07*	
		For >5,000, Deduct	*-0.21*	

32 12 16 Asphalt Paving *(32 12)*

32 12 16 13 Plant-Mix Asphalt Paving *(32 12 16)*

Note: Includes delivery up to 15 miles, placement, rolling, finishing and sweeping. Excludes base, tack or price coat, seal coats and roadway fabrics (where required). See CSI section 01 74 19 00-0040 for hauling greater than 15 miles, 32 11 00 00-0000 for base courses, 32 12 13 13-0000 for tack coats, 32 12 13 19-0000 for prime coats, 32 12 16 39-0000 for roadway fabrics, 32 12 36 00-0000 for seal coats.

32 12 16 13-0001 Intermediate Binder Courses, Hot Mix Asphalt (HMA) *(32 12 16 13)*

Note: S (3/4") aggregate gradation

32 12 16 13-0002	TON	Bituminous Hot Mix Intermediate Binder Course 3,954 Lb./CY Note: Includes Type A and Type B with 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping. Used for applications not described elsewhere in this section.	182.05	
		For PG64-10 Asphalt, Add	*21.59*	
		For Warm Mix Additive, Add	*9.36*	
		For Up To 25, Add	*25.06*	
		For >25 To 50, Add	*13.86*	
		For >500 To 1,000, Deduct	*-7.75*	
		For >1,000 To 2,500, Deduct	*-14.06*	
		For >2,500 To 5,000, Deduct	*-21.81*	
		For >5,000, Deduct	*-31.28*	
32 12 16 13-0003	SY	1" Thick Bituminous Hot Mix Intermediate Binder Course Note: Includes placement, rolling, finishing and sweeping.	10.31	
		For PG64-10 Asphalt, Add	*1.19*	
		For Up To 1,000, Add	*1.46*	
		For >1,000 To 2,000, Add	*0.82*	
		For >10,000 To 20,000, Deduct	*-0.44*	
		For >20,000 To 50,000, Deduct	*-0.81*	
		For >50,000 To 100,000, Deduct	*-1.25*	
		For >100,000, Deduct	*-1.80*	
32 12 16 13-0004	SY	1-1/2" Thick Bituminous Hot Mix Intermediate Binder Course Note: Includes placement, rolling, finishing and sweeping.	15.32	
		For PG64-10 Asphalt, Add	*1.78*	
		For Up To 700, Add	*2.15*	
		For >700 To 1,400, Add	*1.20*	
		For >7,000 To 14,000, Deduct	*-0.66*	
		For >14,000 To 32,000, Deduct	*-1.21*	
		For >32,000 To 64,000, Deduct	*-1.87*	
		For >64,000, Deduct	*-2.68*	
32 12 16 13-0005	SY	2" Thick Bituminous Hot Mix Intermediate Binder Course Note: Includes placement, rolling, finishing and sweeping.	19.79	
		For PG64-10 Asphalt, Add	*2.37*	
		For Up To 500, Add	*2.70*	
		For >500 To 1,000, Add	*1.49*	
		For >5,000 To 10,000, Deduct	*-0.87*	
		For >10,000 To 24,000, Deduct	*-1.58*	
		For >24,000 To 48,000, Deduct	*-2.45*	
		For >48,000, Deduct	*-3.52*	
32 12 16 13-0006	SY	2-1/2" Thick Bituminous Hot Mix Intermediate Binder Course Note: Includes placement, rolling, finishing and sweeping.	24.99	
		For PG64-10 Asphalt, Add	*2.96*	
		For Up To 400, Add	*3.44*	
		For >400 To 800, Add	*1.90*	
		For >4,000 To 8,000, Deduct	*-1.09*	
		For >8,000 To 20,000, Deduct	*-1.99*	
		For >20,000 To 40,000, Deduct	*-3.08*	
		For >40,000, Deduct	*-4.42*	
32 12 16 13-0007	SY	3" Thick Bituminous Hot Mix Intermediate Binder Course Note: Includes placement, rolling, finishing and sweeping.	29.99	
		For PG64-10 Asphalt, Add	*3.56*	
		For Up To 340, Add	*4.13*	
		For >340 To 680, Add	*3.47*	
		For >3,400 To 6,800, Deduct	*-1.31*	
		For >6,800 To 17,000, Deduct	*-2.39*	
		For >17,000 To 34,000, Deduct	*-3.70*	
		For >34,000, Deduct	*-5.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 16 13-0008	SY	3-1/2" Thick Bituminous Hot Mix Intermediate Binder Course	34.98	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*4.15*	
		For Up To 280, Add	*4.82*	
		For >280 To 560, Add	*2.66*	
		For >2,800 To 5,600, Deduct	*-1.53*	
		For >5,600 To 14,000, Deduct	*-2.78*	
		For >14,000 To 28,000, Deduct	*-4.31*	
		For >28,000, Deduct	*-6.19*	
32 12 16 13-0009	SY	4" Thick Bituminous Hot Mix Intermediate Binder Course	39.98	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*4.74*	
		For Up To 250, Add	*5.50*	
		For >250 To 500, Add	*3.04*	
		For >2,500 To 5,000, Deduct	*-1.75*	
		For >5,000 To 12,000, Deduct	*-3.18*	
		For >12,000 To 24,000, Deduct	*-4.93*	
		For >24,000, Deduct	*-7.08*	
32 12 16 13-0010	SY	5" Thick Bituminous Hot Mix Intermediate Binder Course	49.98	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*5.93*	
		For Up To 200, Add	*6.88*	
		For >200 To 400, Add	*3.81*	
		For >2,000 To 4,000, Deduct	*-2.19*	
		For >4,000 To 10,000, Deduct	*-3.98*	
		For >10,000 To 20,000, Deduct	*-6.16*	
		For >20,000, Deduct	*-8.85*	
32 12 16 13-0011	SY	6" Thick Bituminous Hot Mix Intermediate Binder Course	59.97	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*7.11*	
		For Up To 160, Add	*8.26*	
		For >160 To 320, Add	*4.57*	
		For >1,600 To 3,200, Deduct	*-2.62*	
		For >3,200 To 8,000, Deduct	*-4.77*	
		For >8,000 To 16,000, Deduct	*-7.39*	
		For >16,000, Deduct	*-10.61*	

32 12 16 13-0012 Surface Wearing Courses, Hot Mix Asphalt (HMA) *(32 12 16 13)*

Note: SX (1/2") aggregate gradation

32 12 16 13-0013	TON	Bituminous Hot Mix Surface Wearing Course 3,774 Lb./CY	185.00	
		Note: Includes Type A and Type B with 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping. Used for applications not described elsewhere in this section.		
		For PG64-10 Asphalt, Add	*10.30*	
		For Warm Mix Additive, Add	*8.93*	
		For Up To 25, Add	*27.07*	
		For >25 To 50, Add	*15.20*	
		For >500 To 1,000, Deduct	*-7.56*	
		For >1,000 To 2,500, Deduct	*-13.75*	
		For >2,500 To 5,000, Deduct	*-21.31*	
		For >5,000, Deduct	*-30.59*	
32 12 16 13-0014	TON	Tire Rubber Modified Paving Asphalt (TRMAC) Surface Course (MAC-15TR)	205.29	
		Note: Includes 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping.		
		For Warm Mix Additive, Add	*9.73*	
		For Up To 25, Add	*30.53*	
		For >25 To 50, Add	*17.21*	
		For >500 To 1,000, Deduct	*-8.29*	
		For >1,000 To 2,500, Deduct	*-15.09*	
		For >2,500 To 5,000, Deduct	*-23.38*	
		For >5,000, Deduct	*-33.58*	
32 12 16 13-0015	TON	Asphalt Rubberized Hot Mix (ARHM) Surface Course	219.03	
		Note: Includes 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping.		
		For Warm Mix Additive, Add	*10.63*	
		For Up To 25, Add	*31.90*	
		For >25 To 50, Add	*17.90*	
		For >500 To 1,000, Deduct	*-8.98*	
		For >1,000 To 2,500, Deduct	*-16.33*	
		For >2,500 To 5,000, Deduct	*-25.31*	
		For >5,000, Deduct	*-36.32*	
32 12 16 13-0016	SY	1" Thick Bituminous Hot Mix Surface Wearing Course	10.07	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*0.54*	
		For Up To 1,000, Add	*1.52*	
		For >1,000 To 2,000, Add	*0.86*	
		For >10,000 To 20,000, Deduct	*-0.42*	
		For >20,000 To 50,000, Deduct	*-0.76*	
		For >50,000 To 100,000, Deduct	*-1.18*	
		For >100,000, Deduct	*-1.70*	
32 12 16 13-0017	SY	1-1/2" Thick Bituminous Hot Mix Surface Wearing Course	14.92	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*0.81*	
		For Up To 700, Add	*2.23*	
		For >700 To 1,400, Add	*1.26*	
		For >7,000 To 14,000, Deduct	*-0.62*	
		For >14,000 To 32,000, Deduct	*-1.14*	
		For >32,000 To 64,000, Deduct	*-1.76*	
		For >64,000, Deduct	*-2.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 16 13-0018	SY	2" Thick Bituminous Hot Mix Surface Wearing Course Note: Includes placement, rolling, finishing and sweeping.	19.15	
		For PG64-10 Asphalt, Add	*1.08*	
		For Up To 500, Add	*2.77*	
		For >500 To 1,000, Add	*1.55*	
		For >5,000 To 10,000, Deduct	*-0.82*	
		For >10,000 To 24,000, Deduct	*-1.49*	
		For >24,000 To 48,000, Deduct	*-2.30*	
		For >48,000, Deduct	*-3.31*	
32 12 16 13-0019	SY	2-1/2" Thick Bituminous Hot Mix Surface Wearing Course Note: Includes placement, rolling, finishing and sweeping.	24.24	
		For PG64-10 Asphalt, Add	*1.35*	
		For Up To 400, Add	*3.55*	
		For >400 To 800, Add	*1.99*	
		For >4,000 To 8,000, Deduct	*-1.02*	
		For >8,000 To 20,000, Deduct	*-1.87*	
		For >20,000 To 40,000, Deduct	*-2.89*	
		For >40,000, Deduct	*-4.16*	
32 12 16 13-0020	SY	3" Thick Bituminous Hot Mix Surface Wearing Course Note: Includes placement, rolling, finishing and sweeping.	29.08	
		For PG64-10 Asphalt, Add	*1.62*	
		For Up To 340, Add	*4.25*	
		For >340 To 680, Add	*3.47*	
		For >3,400 To 6,800, Deduct	*-1.23*	
		For >6,800 To 17,000, Deduct	*-2.24*	
		For >17,000 To 34,000, Deduct	*-3.47*	
		For >34,000, Deduct	*-4.99*	
32 12 16 13-0021	CSF	Type F Asphalt Surface Cap 1/8" To 1/4" Thick For Use Only On Top Concrete Filled Trench	103.42	

32 12 16 13-0022 Hand Placed, Hot Mix Asphalt (HMA) *(32 12 16 13)*

32 12 16 13-0023	TON	Hand Placed Hot Mixed Asphalt 3,954 Lb./CY Note: For small areas not reachable by machine. Includes placement, rolling, finishing and sweeping.	453.43	

32 12 16 19 Cold-Mix Asphalt Paving *(32 12 16)*

Note: 0.5 Gal asphalt/SY per inch depth; well graded granular aggregate.

32 12 16 19-0001 Cold Mix Asphalt (CMA) Pavement *(32 12 16 19)*

Note: 0.5 Gal asphalt/SY per inch depth; well-graded granular aggregate.

32 12 16 19-0002	SY	Cold Laid Asphalt Pavement, Traveling Plant Mixed In Windrows, Compacted 4" Course	16.28	
32 12 16 19-0003	SY	Cold Laid Asphalt Pavement, Rotary Plant Mixed In Place, Compacted 4" Course	15.84	
32 12 16 19-0004	SY	Cold Laid Asphalt Pavement, Central Stationary Plant, Mixed, Compacted 4" Course	25.46	

32 12 16 39 Paving Fabrics *(32 12 16)*

See CSI section 31 32 19 16-0000 for geotextile fabric.

32 12 16 39-0001 Geotextile Paving Fabrics *(32 12 16 39)*

32 12 16 39-0002	SY	3.6 Ounce/SY, 90 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Paving Fabric (Carthage Mills FX-38A/O)	1.98	
		For Up To 50, Add	*0.45*	
		For >50 To 150, Add	*0.33*	
		For >150 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.11*	
32 12 16 39-0003	SY	4.1 Ounce/SY, 101 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Paving Fabric (Carthage Mills FX-42 A/O)	2.13	
		For Up To 50, Add	*0.48*	
		For >50 To 150, Add	*0.35*	
		For >150 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.12*	

32 12 16 43 Waterproofing Membranes *(32 12 16)*

32 12 16 43-0001 Waterproofing Membranes *(32 12 16 43)*

32 12 16 43-0002	SY	Up To 500 SY, Preformed Rubberized Asphalt Membrane	44.05	
32 12 16 43-0003	SY	>500 To 1,000 SY, Preformed Rubberized Asphalt Membrane	32.95	
32 12 16 43-0004	SY	>1,000 SY, Preformed Rubberized Asphalt Membrane	20.37	

32 12 33 Flexible Paving Surface Treatments *(32 12)*

32 12 33 00-0001 Bituminous Surface Treatment For Roadways *(32 12 33)*

Note: 0.25 Gallon bitumen per SY and 30 Lb. of gravel/SY.

32 12 33 00-0002	SY	Single Course Bituminous Treatment, Prepare And Clean Surface Roadway	3.91	
32 12 33 00-0003	SY	Double Course Bituminous Treatment, Prepare And Clean Surface Roadway	7.04	

32 12 33 00-0004 Bituminous Surface Treatment For Trails *(32 12 33)*

Note: 0.25 Gallon bitumen per SY and 20 Lb. of gravel/SY.

32 12 33 00-0005	SY	Bituminous Surface Treatment, For Trails	2.62	

32 12 36 Seal Coats *(32 12)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

See CSI section 32 01 13 62-0000 for slurry seal.

32 12 36 13 Asphaltic Seal and Fog Coats *(32 12 36)*

32 12 36 13-0001 Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13)*

Note: Includes initial sweeping prior to placement, cleaning of area, rolling and final sweeping. Excludes crack repair, fog sealer, and any additional consecutive days sweeping following final sweeping.

32 12 36 13-0002 Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13-0001)*

Note: 12 to 20 Pounds Per SY of 1/4" No. 10 with 0.15 to 0.30 gallons asphalt emulsion per SY.

32 12 36 13-0003	SY	Up To 200 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.77	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0004	SY	>200 To 500 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.20	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0005	SY	>500 To 1,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.94	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0006	SY	>1,000 To 5,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.65	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0007	SY	>5,000 To 10,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.50	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0008	SY	>10,000 To 20,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.37	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0009	SY	>20,000 To 50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.21	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0010	SY	>50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.13	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	

32 12 36 13-0011 Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13-0001)*

Note: 16 to 25 Pounds Per SY of 5/16" No. 8 with 0.25 to 0.35 gallons asphalt emulsion per SY.

32 12 36 13-0012	SY	Up To 200 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.73	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0013	SY	>200 To 500 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.09	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0014	SY	>500 To 1,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.77	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0015	SY	>1,000 To 5,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.60	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0016	SY	>5,000 To 10,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.23	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0017	SY	>10,000 To 20,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.00	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0018	SY	>20,000 To 50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.82	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0019	SY	>50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.72	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	

32 12 36 13-0020 Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13-0001)*

Note: 20 to 30 Pounds Per SY of 3/8" No. 6 with 0.25 to 0.40 gallons asphalt emulsion per SY.

32 12 36 13-0021	SY	Up To 200 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	7.61	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0022	SY	>200 To 500 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.88	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0023	SY	>500 To 1,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.50	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0024	SY	>1,000 To 5,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.08	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0025	SY	>5,000 To 10,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.86	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0026	SY	>10,000 To 20,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.54	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0027	SY	>20,000 To 50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.32	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0028	SY	>50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.21	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	

32 12 36 13-0029 Course Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13-0001)*

Note: 23 to 35 Pounds Per SY of 1/2" No. 4 with 0.30 to 0.40 gallons asphalt emulsion per SY.

32 12 36 13-0030	SY	Up To 200 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	7.69	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0031	SY	>200 To 500 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.97	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0032	SY	>500 To 1,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.60	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0033	SY	>1,000 To 5,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.18	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0034	SY	>5,000 To 10,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.95	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0035	SY	>10,000 To 20,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.74	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 36 13-0036	SY	>20,000 To 50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.42	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0037	SY	>50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.31	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	

32 12 36 13-0038 Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13-0001)*

Note: First coat 23 to 30 Pounds Per SY of 1/2" No. 4 with 0.20 to 0.35 gallons asphalt emulsion per SY, Second coat 12 to 20 Pounds Per SY of 1/4" No. 10 with 0.20 to 0.30 gallons asphalt emulsion per SY.

32 12 36 13-0039	SY	Up To 200 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	11.57	
		For Each Additional 0.5% Latex Additive, Add	*1.54*	
32 12 36 13-0040	SY	>200 To 500 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	10.61	
		For Each Additional 0.5% Latex Additive, Add	*1.54*	
32 12 36 13-0041	SY	>500 To 1,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	10.07	
		For Each Additional 0.5% Latex Additive, Add	*1.54*	
32 12 36 13-0042	SY	>1,000 To 5,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	9.44	
		For Each Additional 0.5% Latex Additive, Add	*1.54*	
32 12 36 13-0043	SY	>5,000 To 10,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	9.09	
		For Each Additional 0.5% Latex Additive, Add	*1.54*	
32 12 36 13-0044	SY	>10,000 To 20,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	8.70	
		For Each Additional 0.5% Latex Additive, Add	*1.54*	
32 12 36 13-0045	SY	>20,000 To 50,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	8.37	
		For Each Additional 0.5% Latex Additive, Add	*1.54*	
32 12 36 13-0046	SY	>50,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	8.21	
		For Each Additional 0.5% Latex Additive, Add	*1.54*	

32 12 36 13-0047 Asphalt Emulsion Seal Coat (Scrub Seal) *(32 12 36 13)*

Note: Includes initial sweeping prior to placement, cleaning of area, towed broom sled of scrub brush and final sweeping. Excludes crack repair, fog sealer, and any additional consecutive days sweeping following final sweeping. See CSI section 32 12 36 13-0084 for fog seal.

32 12 36 13-0048 Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal) *(32 12 36 13-0047)*

Note: 12 to 20 Pounds Per SY of 1/4" No. 10 with 0.15 to 0.30 gallons asphalt emulsion per SY.

32 12 36 13-0049	SY	Up To 200 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.24	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0050	SY	>200 To 500 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.92	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0051	SY	>500 To 1,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.67	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0052	SY	>1,000 To 5,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.42	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0053	SY	>5,000 To 10,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.29	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0054	SY	>10,000 To 20,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.17	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0055	SY	>20,000 To 50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.03	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0056	SY	>50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	3.99	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	

32 12 36 13-0057 Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal) *(32 12 36 13-0047)*

Note: 16 to 25 Pounds Per SY of 5/16" No. 8 with 0.25 to 0.35 gallons asphalt emulsion per SY.

32 12 36 13-0058	SY	Up To 200 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	6.24	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0059	SY	>200 To 500 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.83	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0060	SY	>500 To 1,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.58	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0061	SY	>1,000 To 5,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.40	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0062	SY	>5,000 To 10,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.03	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0063	SY	>10,000 To 20,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.81	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0064	SY	>20,000 To 50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.65	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0065	SY	>50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.58	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	

32 12 36 13-0066 Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal) *(32 12 36 13-0047)*

Note: 20 to 30 Pounds Per SY of 3/8" No. 6 with 0.25 to 0.40 gallons asphalt emulsion per SY.

32 12 36 13-0067	SY	Up To 200 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	7.17	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0068	SY	>200 To 500 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	6.66	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0069	SY	>500 To 1,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	6.30	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 36 13-0070	SY	>1,000 To 5,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.89	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0071	SY	>5,000 To 10,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.67	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0072	SY	>10,000 To 20,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.35	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0073	SY	>20,000 To 50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.15	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0074	SY	>50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.07	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	

32 12 36 13-0075 Course Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)

(32 12 36 13-0047)

Note: 23 to 35 Pounds Per SY of 1/2" No. 4 with 0.30 to 0.40 gallons asphalt emulsion per SY.

32 12 36 13-0076	SY	Up To 200 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	7.27	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0077	SY	>200 To 500 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	6.77	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0078	SY	>500 To 1,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	6.39	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0079	SY	>1,000 To 5,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.97	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0080	SY	>5,000 To 10,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.76	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0081	SY	>10,000 To 20,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.56	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0082	SY	>20,000 To 50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.26	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0083	SY	>50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.17	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	

32 12 36 13-0084 Fog Seal, CQS-1h *(32 12 36 13)*

Note: A fog seal is a light application of diluted, slow-setting asphalt emulsion without aggregate cover. Includes sweeping and cleaning of area.

32 12 36 13-0085	SY	Up To 200 SY, CQS-1h, Fog Seal	2.18
32 12 36 13-0086	SY	>200 To 500 SY, CQS-1h, Fog Seal	1.58
32 12 36 13-0087	SY	>500 To 1,000 SY, CQS-1h, Fog Seal	1.34
32 12 36 13-0088	SY	>1,000 To 5,000 SY, CQS-1h, Fog Seal	1.14
32 12 36 13-0089	SY	>5,000 To 10,000 SY, CQS-1h, Fog Seal	1.04
32 12 36 13-0090	SY	>10,000 To 20,000 SY, CQS-1h, Fog Seal	0.96
32 12 36 13-0091	SY	>20,000 To 50,000 SY, CQS-1h, Fog Seal	0.88
32 12 36 13-0092	SY	>50,000 SY, CQS-1h, Fog Seal	0.86

32 12 36 13-0093 Sand Sealer *(32 12 36 13)*

Note: A sand seal is an application of asphalt binder followed by placement of a layer of sand or fine aggregate, and then rolled to embed the sand or fine aggregate into the binder. Includes sweeping and cleaning of area.

32 12 36 13-0094	SY	Up To 200 SY, Sand Seal	3.33
32 12 36 13-0095	SY	>200 To 500 SY, Sand Seal	2.18
32 12 36 13-0096	SY	>500 To 1,000 SY, Sand Seal	2.16
32 12 36 13-0097	SY	>1,000 To 5,000 SY, Sand Seal	1.90
32 12 36 13-0098	SY	>5,000 To 10,000 SY, Sand Seal	1.76
32 12 36 13-0099	SY	>10,000 To 20,000 SY, Sand Seal	1.64
32 12 36 13-0100	SY	>20,000 To 50,000 SY, Sand Seal	1.55
32 12 36 13-0101	SY	>50,000 SY, Sand Seal	1.51

32 12 36 16 Coal Tar Seal Coats *(32 12 36)*

32 12 36 16-0001 Thermoplastic Coal-Tar Asphalt Seal *(32 12 36 16)*

Note: Includes sweeping and cleaning of area.

32 12 36 16-0002	SY	Up To 500 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	17.78
32 12 36 16-0003	SY	>500 To 1,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	16.72
32 12 36 16-0004	SY	>1,000 To 5,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	14.73
32 12 36 16-0005	SY	>5,000 To 20,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	13.22
32 12 36 16-0006	SY	>20,000 To 50,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	11.24
32 12 36 16-0007	SY	>50,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	9.25
32 12 36 16-0008	SY	Up To 500 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	21.60
32 12 36 16-0009	SY	>500 To 1,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	20.40
32 12 36 16-0010	SY	>1,000 To 5,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	18.02
32 12 36 16-0011	SY	>5,000 To 20,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	16.25
32 12 36 16-0012	SY	>20,000 To 50,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	13.87
32 12 36 16-0013	SY	>50,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	11.49

32 12 36 23 Fuel-Resistant Sealers *(32 12 36)*

32 12 36 23-0001 Guardtop Seal Coat *(32 12 36 23)*

Note: Includes sweeping and cleaning of area.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 36 23-0002	SY	GuardTop® Asphalt Based Sealcoat (Two Coats)	3.62	
		For 3% Polyglass Additive, Add	*0.40*	
		For 6% Polyglass Additive, Add	*0.72*	
		For Guardtop Black Sand 60 Mesh Additive (At 3 Pounds Per Gallon), Add	*0.27*	
32 12 36 23-0003	LF	GuardTop® Cold Pour Crack Filler	1.52	
32 12 36 23-0004	LF	GuardTop® Hot Pour Crack Filler	1.75	
32 12 36 23-0005	SY	GuardTop® Oil Spot Primer For Asphalt	6.45	
32 12 36 23-0006	SY	GuardTop® Ultra, Polymer Modified, Asphalt Based Sealcoat (Two Coats)	4.81	
		For 3% Polyglass Additive, Add	*0.40*	
		For 6% Polyglass Additive, Add	*0.72*	
		For Guardtop Black Sand 60 Mesh Additive (At 3 Pounds Per Gallon), Add	*0.27*	

32 12 43 Porous Flexible Paving *(32 12)*

32 12 43 00-0001 Flexible Recycled Plastic Porous Grid *(32 12 43)*

Note: Includes sand fill in rings. Excludes base, earthwork and grass or sod.

32 12 43 00-0002	SY	1" Thick, Recycled Plastic Flexible Pavement With Sand Fill	40.59	
		Note: Includes sand fill in rings. Excludes base, earthwork and grass or sod. Invisible Structures, Inc.; Grasspave2.		
		For Up To 100, Add	*13.52*	
		For >100 To 500, Add	*3.38*	
		For >1,000 To 5,000, Deduct	*-1.35*	
		For >5,000, Deduct	*-2.84*	

32 12 73 Asphalt Paving Joint Sealants *(32 12)*

32 12 73 00-0001 Expansion Joint In Sidewalk *(32 12 73)*

32 12 73 00-0002	LF	For Hot Asphalt Poured Over Expansion Joint In Sidewalk	3.88	

32 13 Rigid Paving *(32 10)*

32 13 13 Concrete Paving *(32 13)*

Note: The following section includes spreading and placing delivered Portland cement concrete mix.

32 13 13 33 Plain Concrete Paving *(32 13 13)*

32 13 13 33-0001 Concrete Paving Assemblies *(32 13 13 33)*

Note: Includes forms, wire mesh (where necessary), two mat layers #3-#6 reinforcing rods at 12" on center with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float and finish. Excludes excavation, base and earthwork. Includes concrete paving machine. To be used for roadways, driveways, parking areas, or other areas of vehicular traffic. See CSI section 03 05 13 00-0001 for color additive.

32 13 13 33-0002 4,500 PSI Concrete Paving Assembly *(32 13 13 33-0001)*

32 13 13 33-0003	SY	4" 4,500 PSI Concrete Paving Assembly	68.25	
		For 2,500 PSI Concrete, Deduct	*-3.88*	
		For 3,000 PSI Concrete, Deduct	*-2.53*	
		For 3,500 PSI Concrete, Deduct	*-2.03*	
		For 4,000 PSI Concrete, Deduct	*-0.88*	
		For 5,000 PSI Concrete, Add	*0.54*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*4.39*	
		For <12' Wide Pass, Add	*12.00*	
		For 24' Or Greater Wide Pass, Deduct	*-13.65*	
		For Air Entrainment, Add	*1.69*	
		For Slipforming, Deduct	*-6.83*	
		For Up To 100, Add	*27.44*	
		For >100 To 250, Add	*15.41*	
		For >250 To 500, Add	*7.70*	
		For >1,000 To 2,000, Deduct	*-1.69*	
		For >2,000 To 5,000, Deduct	*-3.39*	
		For >5,000 To 10,000, Deduct	*-5.10*	
		For >10,000 To 20,000, Deduct	*-6.81*	
		For >20,000, Deduct	*-8.51*	
32 13 13 33-0004	SY	5" 4,500 PSI Concrete Paving Assembly	80.70	
		For 2,500 PSI Concrete, Deduct	*-4.87*	
		For 3,000 PSI Concrete, Deduct	*-3.18*	
		For 3,500 PSI Concrete, Deduct	*-2.54*	
		For 4,000 PSI Concrete, Deduct	*-1.10*	
		For 5,000 PSI Concrete, Add	*0.68*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*5.51*	
		For <12' Wide Pass, Add	*13.82*	
		For 24' Or Greater Wide Pass, Deduct	*-16.14*	
		For Air Entrainment, Add	*2.12*	
		For Slipforming, Deduct	*-8.07*	
		For Up To 100, Add	*31.47*	
		For >100 To 250, Add	*17.85*	
		For >250 To 500, Add	*8.93*	
		For >1,000 To 2,000, Deduct	*-2.12*	
		For >2,000 To 5,000, Deduct	*-4.14*	
		For >5,000 To 10,000, Deduct	*-6.15*	
		For >10,000 To 20,000, Deduct	*-8.17*	
		For >20,000, Deduct	*-10.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 13 13 33-0005	SY	6" 4,500 PSI Concrete Paving Assembly	86.22	
		For 2,500 PSI Concrete, Deduct	*-5.14*	
		For 3,000 PSI Concrete, Deduct	*-3.35*	
		For 3,500 PSI Concrete, Deduct	*-2.68*	
		For 4,000 PSI Concrete, Deduct	*-1.16*	
		For 5,000 PSI Concrete, Add	*0.72*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*5.81*	
		For <12' Wide Pass, Add	*14.85*	
		For 24' Or Greater Wide Pass, Deduct	*-17.24*	
		For Air Entrainment, Add	*2.24*	
		For Slipforming, Deduct	*-8.62*	
		For Up To 100, Add	*33.85*	
		For >100 To 250, Add	*19.16*	
		For >250 To 500, Add	*9.58*	
		For >1,000 To 2,000, Deduct	*-2.24*	
		For >2,000 To 5,000, Deduct	*-4.39*	
		For >5,000 To 10,000, Deduct	*-6.55*	
		For >10,000 To 20,000, Deduct	*-8.70*	
		For >20,000, Deduct	*-10.86*	
32 13 13 33-0006	SY	7" 4,500 PSI Concrete Paving Assembly	102.36	
		For 2,500 PSI Concrete, Deduct	*-6.48*	
		For 3,000 PSI Concrete, Deduct	*-4.23*	
		For 3,500 PSI Concrete, Deduct	*-3.38*	
		For 4,000 PSI Concrete, Deduct	*-1.47*	
		For 5,000 PSI Concrete, Add	*0.90*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*7.33*	
		For <12' Wide Pass, Add	*17.13*	
		For 24' Or Greater Wide Pass, Deduct	*-20.47*	
		For Air Entrainment, Add	*2.82*	
		For Slipforming, Deduct	*-10.24*	
		For Up To 100, Add	*38.86*	
		For >100 To 250, Add	*22.25*	
		For >250 To 500, Add	*11.13*	
		For >1,000 To 2,000, Deduct	*-2.82*	
		For >2,000 To 5,000, Deduct	*-5.38*	
		For >5,000 To 10,000, Deduct	*-7.94*	
		For >10,000 To 20,000, Deduct	*-10.50*	
		For >20,000, Deduct	*-13.06*	
32 13 13 33-0007	SY	8" 4,500 PSI Concrete Paving Assembly	117.06	
		For 2,500 PSI Concrete, Deduct	*-7.12*	
		For 3,000 PSI Concrete, Deduct	*-4.64*	
		For 3,500 PSI Concrete, Deduct	*-3.71*	
		For 4,000 PSI Concrete, Deduct	*-1.61*	
		For 5,000 PSI Concrete, Add	*0.99*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*8.04*	
		For <12' Wide Pass, Add	*19.98*	
		For 24' Or Greater Wide Pass, Deduct	*-23.41*	
		For Air Entrainment, Add	*3.09*	
		For Slipforming, Deduct	*-11.71*	
		For Up To 100, Add	*45.48*	
		For >100 To 250, Add	*25.84*	
		For >250 To 500, Add	*12.92*	
		For >1,000 To 2,000, Deduct	*-3.09*	
		For >2,000 To 5,000, Deduct	*-6.02*	
		For >5,000 To 10,000, Deduct	*-8.95*	
		For >10,000 To 20,000, Deduct	*-11.87*	
		For >20,000, Deduct	*-14.80*	
32 13 13 33-0008	SY	9" 4,500 PSI Concrete Paving Assembly	132.43	
		For 2,500 PSI Concrete, Deduct	*-8.22*	
		For 3,000 PSI Concrete, Deduct	*-5.36*	
		For 3,500 PSI Concrete, Deduct	*-4.29*	
		For 4,000 PSI Concrete, Deduct	*-1.86*	
		For 5,000 PSI Concrete, Add	*1.14*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*9.30*	
		For <12' Wide Pass, Add	*22.38*	
		For 24' Or Greater Wide Pass, Deduct	*-26.49*	
		For Air Entrainment, Add	*3.58*	
		For Slipforming, Deduct	*-13.24*	
		For Up To 100, Add	*50.85*	
		For >100 To 250, Add	*29.00*	
		For >250 To 500, Add	*14.50*	
		For >1,000 To 2,000, Deduct	*-3.58*	
		For >2,000 To 5,000, Deduct	*-6.89*	
		For >5,000 To 10,000, Deduct	*-10.20*	
		For >10,000 To 20,000, Deduct	*-13.51*	
		For >20,000, Deduct	*-16.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 13 13 33-0009	SY	10" 4,500 PSI Concrete Paving Assembly	147.63	
		For 2,500 PSI Concrete, Deduct	*-9.05*	
		For 3,000 PSI Concrete, Deduct	*-5.90*	
		For 3,500 PSI Concrete, Deduct	*-4.72*	
		For 4,000 PSI Concrete, Deduct	*-2.05*	
		For 5,000 PSI Concrete, Add	*1.26*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*10.23*	
		For <12' Wide Pass, Add	*25.11*	
		For 24' Or Greater Wide Pass, Deduct	*-29.53*	
		For Air Entrainment, Add	*3.93*	
		For Slipforming, Deduct	*-14.76*	
		For Up To 100, Add	*57.11*	
		For >100 To 250, Add	*32.49*	
		For >250 To 500, Add	*16.25*	
		For >1,000 To 2,000, Deduct	*-3.93*	
		For >2,000 To 5,000, Deduct	*-7.62*	
		For >5,000 To 10,000, Deduct	*-11.31*	
		For >10,000 To 20,000, Deduct	*-15.01*	
		For >20,000, Deduct	*-18.70*	
32 13 13 33-0010	SY	12" 4,500 PSI Concrete Paving Assembly	175.90	
		For 2,500 PSI Concrete, Deduct	*-10.71*	
		For 3,000 PSI Concrete, Deduct	*-6.99*	
		For 3,500 PSI Concrete, Deduct	*-5.59*	
		For 4,000 PSI Concrete, Deduct	*-2.42*	
		For 5,000 PSI Concrete, Add	*1.49*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*12.11*	
		For <12' Wide Pass, Add	*30.00*	
		For 24' Or Greater Wide Pass, Deduct	*-35.18*	
		For Air Entrainment, Add	*4.66*	
		For Slipforming, Deduct	*-17.59*	
		For Up To 100, Add	*68.28*	
		For >100 To 250, Add	*38.80*	
		For >250 To 500, Add	*19.40*	
		For >1,000 To 2,000, Deduct	*-4.66*	
		For >2,000 To 5,000, Deduct	*-9.05*	
		For >5,000 To 10,000, Deduct	*-13.45*	
		For >10,000 To 20,000, Deduct	*-17.85*	
		For >20,000, Deduct	*-22.25*	
32 13 13 33-0011	SY	15" 4,500 PSI Concrete Paving Assembly	224.22	
		For 2,500 PSI Concrete, Deduct	*-13.15*	
		For 3,000 PSI Concrete, Deduct	*-8.58*	
		For 3,500 PSI Concrete, Deduct	*-6.86*	
		For 4,000 PSI Concrete, Deduct	*-2.97*	
		For 5,000 PSI Concrete, Add	*1.83*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*14.87*	
		For <12' Wide Pass, Add	*38.90*	
		For 24' Or Greater Wide Pass, Deduct	*-44.84*	
		For Air Entrainment, Add	*5.72*	
		For Slipforming, Deduct	*-22.42*	
		For Up To 100, Add	*88.78*	
		For >100 To 250, Add	*50.11*	
		For >250 To 500, Add	*25.05*	
		For >1,000 To 2,000, Deduct	*-5.72*	
		For >2,000 To 5,000, Deduct	*-11.32*	
		For >5,000 To 10,000, Deduct	*-16.93*	
		For >10,000 To 20,000, Deduct	*-22.54*	
		For >20,000, Deduct	*-28.14*	

32 13 16 Decorative Concrete Paving *(32 13)*

32 13 16 13 Patterned Concrete Paving *(32 13 16)*

32 13 16 13-0001	SF	For Patterned (Tactile) Finish In Concrete Sidewalk	5.38	

32 13 43 Pervious Concrete Paving *(32 13)*

32 13 43 00-0001 Pervious Concrete Assemblies *(32 13 43)*

Note: Pervious concrete is a special concrete mix with high porosity that allows water to pass through it. For paving and sidewalks.

32 13 43 00-0002	SF	6" Thick, 15-25% Porosity, Minimum 115 PCF, Pervious Concrete Paving Note: Includes filter fabric, concrete, curing, finish, and control joints. Excludes excavation, base, forms and expansion joints along existing.	20.06	
		For >5,000 To 30,000, Deduct	*-2.16*	
		For >30,000 To 100,000, Deduct	*-3.96*	
		For >100,000, Deduct	*-4.91*	
32 13 43 00-0003	SF	9" Thick, 15-25% Porosity, Minimum 115 PCF, Pervious Concrete Paving Note: Includes filter fabric, concrete, curing, finish, and control joints. Excludes excavation, base, forms and expansion joints along existing.	25.39	
		For >5,000 To 30,000, Deduct	*-2.65*	
		For >30,000 To 100,000, Deduct	*-4.78*	
		For >100,000, Deduct	*-5.94*	

32 13 73 Concrete Paving Joint Sealants *(32 13)*

32 13 73 13 Fuel-Resistant Concrete Paving Joint Sealants *(32 13 73)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 13 73 13-0001		Concrete Pavement Joint And Crack Repair *(32 13 73 13)* Note: Includes cutting joint, removal of existing material, sweeping and cleaning area.		
32 13 73 13-0002		Silicone Concrete Pavement Joint And Crack Repair *(32 13 73 13-0001)*		
32 13 73 13-0003	CLF	1/4" x 1/4" Joint, Silicone Concrete Pavement Joint And Crack Repair	687.96	
		For Custom Match Coloring, Add	*16.36*	
		For 1 Part Mildew Resistant, Add	*23.85*	
		For High-Modulus Non-Acid Curing, Add	*13.63*	
32 13 73 13-0004	CLF	1/4" x 3/8" Joint, Silicone Concrete Pavement Joint And Crack Repair	763.35	
		For Custom Match Coloring, Add	*24.53*	
		For 1 Part Mildew Resistant, Add	*35.78*	
		For High-Modulus Non-Acid Curing, Add	*20.44*	
32 13 73 13-0005	CLF	1/4" x 1/2" Joint, Silicone Concrete Pavement Joint And Crack Repair	838.75	
		For Custom Match Coloring, Add	*32.71*	
		For 1 Part Mildew Resistant, Add	*47.71*	
		For High-Modulus Non-Acid Curing, Add	*27.26*	
32 13 73 13-0006	CLF	3/8" x 3/8" Joint, Silicone Concrete Pavement Joint And Crack Repair	855.78	
		For Custom Match Coloring, Add	*36.80*	
		For 1 Part Mildew Resistant, Add	*53.67*	
		For High-Modulus Non-Acid Curing, Add	*30.67*	
32 13 73 13-0007	CLF	3/8" x 1/2" Joint, Silicone Concrete Pavement Joint And Crack Repair	927.55	
		For Custom Match Coloring, Add	*49.07*	
		For 1 Part Mildew Resistant, Add	*71.55*	
		For High-Modulus Non-Acid Curing, Add	*40.89*	
32 13 73 13-0008	CLF	3/8" x 5/8" Joint, Silicone Concrete Pavement Joint And Crack Repair	999.32	
		For Custom Match Coloring, Add	*61.33*	
		For 1 Part Mildew Resistant, Add	*89.44*	
		For High-Modulus Non-Acid Curing, Add	*51.11*	
32 13 73 13-0009	CLF	3/8" x 3/4" Joint, Silicone Concrete Pavement Joint And Crack Repair	1,091.76	
		For Custom Match Coloring, Add	*73.60*	
		For 1 Part Mildew Resistant, Add	*107.33*	
		For High-Modulus Non-Acid Curing, Add	*61.33*	
32 13 73 13-0010	CLF	1/2" x 1/2" Joint, Silicone Concrete Pavement Joint And Crack Repair	1,016.36	
		For Custom Match Coloring, Add	*65.42*	
		For 1 Part Mildew Resistant, Add	*95.41*	
		For High-Modulus Non-Acid Curing, Add	*54.52*	
32 13 73 13-0011	CLF	1/2" x 5/8" Joint, Silicone Concrete Pavement Joint And Crack Repair	1,167.15	
		For Custom Match Coloring, Add	*81.78*	
		For 1 Part Mildew Resistant, Add	*119.26*	
		For High-Modulus Non-Acid Curing, Add	*68.15*	
32 13 73 13-0012	CLF	1/2" x 3/4" Joint, Silicone Concrete Pavement Joint And Crack Repair	1,276.62	
		For Custom Match Coloring, Add	*98.13*	
		For 1 Part Mildew Resistant, Add	*143.11*	
		For High-Modulus Non-Acid Curing, Add	*81.78*	
32 13 73 13-0013	CLF	1/2" x 7/8" Joint, Silicone Concrete Pavement Joint And Crack Repair	1,386.09	
		For Custom Match Coloring, Add	*114.49*	
		For 1 Part Mildew Resistant, Add	*166.96*	
		For High-Modulus Non-Acid Curing, Add	*95.41*	
32 13 73 13-0014	CLF	1/2" x 1" Joint, Silicone Concrete Pavement Joint And Crack Repair	1,474.90	
		For Custom Match Coloring, Add	*130.84*	
		For 1 Part Mildew Resistant, Add	*190.81*	
		For High-Modulus Non-Acid Curing, Add	*109.04*	
32 13 73 13-0015	CLF	3/4" x 3/4" Joint, Silicone Concrete Pavement Joint And Crack Repair	1,563.71	
		For Custom Match Coloring, Add	*147.20*	
		For 1 Part Mildew Resistant, Add	*214.67*	
		For High-Modulus Non-Acid Curing, Add	*122.67*	
32 13 73 13-0016	CLF	3/4" x 1" Joint, Silicone Concrete Pavement Joint And Crack Repair	1,843.54	
		For Custom Match Coloring, Add	*204.44*	
		For 1 Part Mildew Resistant, Add	*298.15*	
		For High-Modulus Non-Acid Curing, Add	*170.37*	
32 13 73 13-0017	CLF	1" x 1" Joint, Silicone Concrete Pavement Joint And Crack Repair	2,123.37	
		For Custom Match Coloring, Add	*261.69*	
		For 1 Part Mildew Resistant, Add	*381.63*	
		For High-Modulus Non-Acid Curing, Add	*218.07*	
32 13 73 16		**Field-Molded Concrete Paving Joint Sealants** *(32 13 73)*		
32 13 73 16-0001		Preformed Elastomeric Concrete Pavement Joint And Crack Repair *(32 13 73 16)* Note: Includes cutting joint, removal of existing material, sweeping and cleaning area.		
32 13 73 16-0002	LF	Joint Sealing, Concrete Pavement Preformed Elastomeric	16.44	
32 13 73 19		**Compression Concrete Paving Joint Sealants** *(32 13 73)*		
32 13 73 19-0001		Silicone Joint Sealant For Concrete Pavement *(32 13 73 19)* Note: Installation includes high pressure water wash, sand blast, sweeping, cleaning area, backer rod and Dow Corning 888 silicone sealant. Demolition includes removal of existing material where saw cutting is not required. Excludes saw cutting.		
32 13 73 19-0002	CLF	1/4" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	623.51	131.24
		For >25 To 50, Deduct	*-16.57*	
		For >50 To 100, Deduct	*-33.64*	
		For >100 To 175, Deduct	*-49.23*	
		For >175 To 250, Deduct	*-67.28*	
		For >250, Deduct	*-85.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 13 73 19-0003	CLF	3/8" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	703.28	140.00
		For >25 To 50, Deduct	*-19.02*	
		For >50 To 100, Deduct	*-38.75*	
		For >100 To 175, Deduct	*-56.33*	
		For >175 To 250, Deduct	*-77.49*	
		For >250, Deduct	*-98.66*	
32 13 73 19-0004	CLF	1/2" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	808.44	148.74
		For >25 To 50, Deduct	*-22.35*	
		For >50 To 100, Deduct	*-45.76*	
		For >100 To 175, Deduct	*-65.97*	
		For >175 To 250, Deduct	*-91.52*	
		For >250, Deduct	*-117.07*	
32 13 73 19-0005	CLF	3/4" x 3/8" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	1,161.05	166.24
		For >25 To 50, Deduct	*-33.99*	
		For >50 To 100, Deduct	*-70.45*	
		For >100 To 175, Deduct	*-99.48*	
		For >175 To 250, Deduct	*-140.91*	
		For >250, Deduct	*-182.34*	
32 13 73 19-0006	CLF	1" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	1,573.84	196.86
		For >25 To 50, Deduct	*-47.21*	
		For >50 To 100, Deduct	*-98.35*	
		For >100 To 175, Deduct	*-137.70*	
		For >175 To 250, Deduct	*-196.70*	
		For >250, Deduct	*-255.71*	
32 13 73 19-0007	CLF	1-1/2" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	2,243.88	218.74
		For >25 To 50, Deduct	*-69.79*	
		For >50 To 100, Deduct	*-146.42*	
		For >100 To 175, Deduct	*-202.51*	
		For >175 To 250, Deduct	*-292.84*	
		For >250, Deduct	*-383.16*	
32 13 73 19-0008	CLF	2" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	3,111.16	243.04
		For >25 To 50, Deduct	*-99.17*	
		For >50 To 100, Deduct	*-209.03*	
		For >100 To 175, Deduct	*-286.81*	
		For >175 To 250, Deduct	*-418.07*	
		For >250, Deduct	*-549.32*	

32 14 Unit Paving *(32 10)*

32 14 09 Paver Restraints *(32 14)*

32 14 09 00-0001 Paver Restraints *(32 14 09)*

Note: Paver restraints are used along the edge of a group of pavers as a locking border. Flexible or rigid sections. Includes stakes and connecting devices. Excludes pavers, bedding, excavation, base course and compaction.

32 14 09 00-0002	LF	Up To 2" Height, Vinyl Paver Restraint	5.58	1.32
		For >1,000 To 2,000, Deduct	*-0.77*	
		For >2,000 To 4,000, Deduct	*-1.11*	
		For >4,000, Deduct	*-1.43*	
32 14 09 00-0003	LF	Up To 2" Height, Galvanized Steel Paver Restraint	6.05	1.32
		For >500 To 1,000, Deduct	*-0.20*	
		For >1,000 To 2,000, Deduct	*-0.40*	
		For >2,000, Deduct	*-0.59*	
32 14 09 00-0004	LF	Up To 1" Height, Aluminum Paver Restraint	5.82	1.32
		For >250 To 500, Deduct	*-0.37*	
		For >500 To 1,000, Deduct	*-0.56*	
		For >1,000 To 1,500, Deduct	*-0.93*	
32 14 09 00-0005	LF	>1" To 2" Height, Aluminum Paver Restraint	6.86	1.32
		For >250 To 500, Deduct	*-0.48*	
		For >500 To 1,000, Deduct	*-0.71*	
		For >1,000 To 1,500, Deduct	*-1.19*	
32 14 09 00-0006	LF	>2" To 3" Height, Aluminum Paver Restraint	8.87	1.32
		For >250 To 500, Deduct	*-0.68*	
		For >500 To 1,000, Deduct	*-1.02*	
		For >1,000 To 1,500, Deduct	*-1.69*	
32 14 09 00-0007	LF	>3" To 4" Height, Aluminum Paver Restraint	10.40	1.32
		For >250 To 500, Deduct	*-0.83*	
		For >500 To 1,000, Deduct	*-1.25*	
		For >1,000 To 1,500, Deduct	*-2.08*	

32 14 11 Bedding for Unit Paving *(32 14)*

32 14 11 00-0001 Bedding For Brick, Precast Concrete Paver And Stone Sidewalk *(32 14 11)*

Note: Includes delivery up to 15 miles from the closest approved source, the cost for loading, and dumping. See CSI section 01 74 19 00-0040 for hauling greater than 15 miles.

32 14 11 00-0002	SF	1" To 2" Screeded Sand Bedding	1.06	
		For Up To 100, Add	*0.48*	
		For >100 To 500, Add	*0.14*	
		For >1,000 To 5,000, Deduct	*-0.09*	
		For >5,000, Deduct	*-0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 14 11 00-0003	SF	1" To 2" Screeded Stone Dust Bedding	1.23	
		For Up To 100, Add	*0.52*	
		For >100 To 500, Add	*0.15*	
		For >1,000 To 5,000, Deduct	*-0.09*	
		For >5,000, Deduct	*-0.14*	
32 14 11 00-0004	SF	3" Screeded Stone Dust Bedding	1.57	
		For Up To 100, Add	*0.65*	
		For >100 To 500, Add	*0.18*	
		For >1,000 To 5,000, Deduct	*-0.10*	
		For >5,000, Deduct	*-0.17*	
32 14 11 00-0005	SF	4" Screeded Stone Dust Bedding	1.98	
		For Up To 100, Add	*0.81*	
		For >100 To 500, Add	*0.22*	
		For >1,000 To 5,000, Deduct	*-0.12*	
		For >5,000, Deduct	*-0.21*	
32 14 11 00-0006	SF	1" Mortar Bedding	3.52	
		For Up To 100, Add	*1.58*	
		For >100 To 500, Add	*0.46*	
		For >1,000 To 5,000, Deduct	*-0.28*	
		For >5,000, Deduct	*-0.44*	
32 14 11 00-0007	SF	2" Mortar Bedding	5.16	
		For Up To 100, Add	*2.23*	
		For >100 To 500, Add	*0.63*	
		For >1,000 To 5,000, Deduct	*-0.38*	
		For >5,000, Deduct	*-0.60*	
32 14 11 00-0008	SF	Thin-Set Latex Portland Cement Mortar	1.75	
		For Up To 100, Add	*0.81*	
		For >100 To 500, Add	*0.24*	
		For >1,000 To 5,000, Deduct	*-0.15*	
		For >5,000, Deduct	*-0.23*	

32 14 13 Precast Concrete Unit Paving *(32 14)*

32 14 13 16 Precast Concrete Unit Paving Slabs *(32 14 13)*

32 14 13 16-0001 Precast Concrete Paver Sidewalk *(32 14 13 16)*

Note: Square, rectangular, or interlocking pervious pavers. Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.

32 14 13 16-0002	SF	2-3/8" Thick, Up To 32 SI Precast Concrete Paver Note: Includes 2-1/2" x 5", 4" x 4", 4" x 6", 5" x 5", 4" x 8" and other similar size pavers.	12.76	3.50
		For 2-3/4" Concrete Paver, Add	*1.21*	
		For 3-1/8" Concrete Paver, Add	*1.96*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.99*	
		For Up To 100, Add	*4.95*	
		For >100 To 500, Add	*1.34*	
		For >1,000 To 5,000, Deduct	*-0.70*	
		For >5,000, Deduct	*-1.23*	
32 14 13 16-0003	SF	2-3/8" Thick, >32 to 64 SI Precast Concrete Paver Note: Includes 5" x 7", 6" x 6", 8" x 8" and other similar size pavers.	12.12	3.19
		For 2-3/4" Concrete Paver, Add	*1.18*	
		For 3-1/8" Concrete Paver, Add	*1.91*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.93*	
		For Up To 100, Add	*4.63*	
		For >100 To 500, Add	*1.25*	
		For >1,000 To 5,000, Deduct	*-0.64*	
		For >5,000, Deduct	*-1.13*	
32 14 13 16-0004	SF	2-3/8" Thick, >64 to 144 SI Precast Concrete Paver Note: Includes 6" x 12", 12" x 12" and other similar size pavers.	11.53	2.54
		For 2-3/4" Concrete Paver, Add	*1.15*	
		For 3-1/8" Concrete Paver, Add	*1.87*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.87*	
		For Up To 100, Add	*4.33*	
		For >100 To 500, Add	*1.16*	
		For >1,000 To 5,000, Deduct	*-0.58*	
		For >5,000, Deduct	*-1.04*	
32 14 13 16-0005	SF	2-3/8" Thick, >144 SI Precast Concrete Paver Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24", 24" x 36", 36" x 36" and other similar size pavers.	11.01	2.64
		For 2-3/4" Concrete Paver, Add	*1.12*	
		For 3-1/8" Concrete Paver, Add	*1.83*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.81*	
		For Up To 100, Add	*4.07*	
		For >100 To 500, Add	*1.08*	
		For >1,000 To 5,000, Deduct	*-0.53*	
		For >5,000, Deduct	*-0.96*	
32 14 13 16-0006	SF	2-3/8" Thick, Precast Concrete Paver, Combinations And Patterns Note: Patterns made by combining pavers from two or more size groups.	11.82	3.03
		For 2-3/4" Concrete Paver, Add	*1.16*	
		For 3-1/8" Concrete Paver, Add	*1.89*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.90*	
		For Up To 100, Add	*4.48*	
		For >100 To 500, Add	*1.20*	
		For >1,000 To 5,000, Deduct	*-0.61*	
		For >5,000, Deduct	*-1.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 14 13 19		**Porous Precast Concrete Unit Paving** *(32 14 13)*		
32 14 13 19-0001		Turf Block *(32 14 13 19)*		
		Note: Grass grid, open-cell unit paver, geoblock.		
32 14 13 19-0002	SF	3-1/8" Thick, Precast Concrete Turf Block	13.13	3.03
		For Up To 100, Add	*4.81*	
		For >100 To 500, Add	*1.27*	
		For >1,000 To 5,000, Deduct	*-0.61*	
		For >5,000, Deduct	*-1.12*	
32 14 16		**Brick Unit Paving** *(32 14)*		
32 14 16 00-0001		Brick Paver Sidewalk *(32 14 16)*		
		Note: Includes sand joints. Excludes bedding, excavation, base course and compaction. See CSI section 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.		
32 14 16 00-0002	SF	4" x 8" x 2-1/4" Brick Paver, Laid Flat	16.29	3.50
		For 1-3/8" Thick Paver, Deduct	*-3.59*	
		For 2-3/4" Thick Paver (Vehicular), Add	*8.25*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.17*	
		For Up To 100, Add	*5.83*	
		For >100 To 500, Add	*1.52*	
		For >1,000 To 5,000, Deduct	*-0.70*	
		For >5,000, Deduct	*-1.33*	
32 14 16 00-0003	SF	4" x 8" x 2-1/4" Brick, Laid On Edge	24.46	4.00
		For 1-3/8" Thick Paver, Deduct	*-6.16*	
		For 2-3/4" Thick Paver (Vehicular), Add	*14.45*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.62*	
		For Up To 100, Add	*8.11*	
		For >100 To 500, Add	*2.02*	
		For >1,000 To 5,000, Deduct	*-0.80*	
		For >5,000, Deduct	*-1.69*	
32 14 33		**Plastic Paving** *(32 14)*		
32 14 33 13		**Permeable Plastic Paving** *(32 14 33)*		
32 14 33 13-0001		Turf Block Plastic Paving *(32 14 33 13)*		
32 14 33 13-0002	SF	4" Thick Recycled Polyvinyl Chloride (PVC) Plastic Turf Block	20.07	3.03
		For Up To 100, Add	*6.54*	
		For >100 To 500, Add	*1.61*	
		For >1,000 To 5,000, Deduct	*-0.61*	
		For >5,000, Deduct	*-1.33*	
32 14 40		**Stone Paving** *(32 14)*		
32 14 40 00-0001		Slate Paver Sidewalk *(32 14 40)*		
		Note: Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.		
32 14 40 00-0002	SF	1" Thick, Up to 54 SI Slate Paver	16.58	2.91
		Note: Includes 3" x 9", 6" x 6", 6" x 9" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.12*	
		For 1/4" Thick Paver, Deduct	*-8.35*	
		For 1/2" Thick Paver, Deduct	*-5.83*	
		For Up To 100, Add	*5.60*	
		For >100 To 500, Add	*1.41*	
		For >1,000 To 5,000, Deduct	*-0.58*	
		For >5,000, Deduct	*-1.19*	
32 14 40 00-0003	SF	1" Thick, >54 to 108 SI Slate Paver	16.06	2.64
		Note: Includes 6" x 12", 9" x 9", 6" x 18", 9" x 12" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.07*	
		For 1/4" Thick Paver, Deduct	*-8.22*	
		For 1/2" Thick Paver, Deduct	*-5.75*	
		For Up To 100, Add	*5.34*	
		For >100 To 500, Add	*1.33*	
		For >1,000 To 5,000, Deduct	*-0.53*	
		For >5,000, Deduct	*-1.12*	
32 14 40 00-0004	SF	1" Thick, >108 to 216 SI Slate Paver	15.14	2.18
		Note: Includes 12" x 12", 6" x 24", 9" x 18", 9" x 24", 12" x 18" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.98*	
		For 1/4" Thick Paver, Deduct	*-7.99*	
		For 1/2" Thick Paver, Deduct	*-5.61*	
		For Up To 100, Add	*4.88*	
		For >100 To 500, Add	*1.19*	
		For >1,000 To 5,000, Deduct	*-0.44*	
		For >5,000, Deduct	*-0.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 14 40 00-0005	SF	1" Thick, >216 SI Slate Paver	14.75	1.98
		Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24", 24" x 36", 36" x 36" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.94*	
		For 1/4" Thick Paver, Deduct	*-7.89*	
		For 1/2" Thick Paver, Deduct	*-5.55*	
		For Up To 100, Add	*4.68*	
		For >100 To 500, Add	*1.13*	
		For >1,000 To 5,000, Deduct	*-0.40*	
		For >5,000, Deduct	*-0.92*	
32 14 40 00-0006	SF	1" Thick, Slate Paver, Combinations And Patterns	15.56	2.39
		Note: Patterns made by combining pavers from two or more size groups.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.02*	
		For 1/4" Thick Paver, Deduct	*-8.09*	
		For 1/2" Thick Paver, Deduct	*-5.68*	
		For Up To 100, Add	*5.09*	
		For >100 To 500, Add	*1.26*	
		For >1,000 To 5,000, Deduct	*-0.48*	
		For >5,000, Deduct	*-1.04*	

32 14 40 00-0007 Granite Paver Sidewalk *(32 14 40)*

Note: Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.

32 14 40 00-0008	SF	1" Thick, Up to 54 SI Granite Paver	31.30	2.91
		Note: Includes 3" x 9", 6" x 6", 6" x 9" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.86*	
		For 2" Granite Paver, Add	*1.57*	
		For 3" Granite Paver, Add	*3.13*	
		For 4" Granite Paver, Add	*3.42*	
		For Up To 100, Add	*9.28*	
		For >100 To 500, Add	*2.15*	
		For >1,000 To 5,000, Deduct	*-0.58*	
		For >5,000, Deduct	*-1.64*	
32 14 40 00-0009	SF	1" Thick, >54 to 108 SI Granite Paver	30.78	2.64
		Note: Includes 6" x 12", 9" x 9", 6" x 18", 9" x 12" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.80*	
		For 2" Granite Paver, Add	*1.54*	
		For 3" Granite Paver, Add	*3.08*	
		For 4" Granite Paver, Add	*3.34*	
		For Up To 100, Add	*9.02*	
		For >100 To 500, Add	*2.07*	
		For >1,000 To 5,000, Deduct	*-0.53*	
		For >5,000, Deduct	*-1.56*	
32 14 40 00-0010	SF	1" Thick, >108 to 216 SI Granite Paver	29.86	2.18
		Note: Includes 12" x 12", 6" x 24", 9" x 18", 9" x 24", 12" x 18" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.71*	
		For 2" Granite Paver, Add	*1.49*	
		For 3" Granite Paver, Add	*2.99*	
		For 4" Granite Paver, Add	*3.20*	
		For Up To 100, Add	*8.56*	
		For >100 To 500, Add	*1.93*	
		For >1,000 To 5,000, Deduct	*-0.44*	
		For >5,000, Deduct	*-1.42*	
32 14 40 00-0011	SF	1" Thick, >216 SI Granite Paver	29.47	1.98
		Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.67*	
		For 2" Granite Paver, Add	*1.47*	
		For 3" Granite Paver, Add	*2.95*	
		For 4" Granite Paver, Add	*3.15*	
		For Up To 100, Add	*8.36*	
		For >100 To 500, Add	*1.87*	
		For >1,000 To 5,000, Deduct	*-0.40*	
		For >5,000, Deduct	*-1.36*	
32 14 40 00-0012	SF	1" Thick, Granite Paver, Combinations And Patterns	30.28	2.39
		Note: Patterns made by combining pavers from two or more size groups.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.75*	
		For 2" Granite Paver, Add	*1.51*	
		For 3" Granite Paver, Add	*3.03*	
		For 4" Granite Paver, Add	*3.27*	
		For Up To 100, Add	*8.77*	
		For >100 To 500, Add	*1.99*	
		For >1,000 To 5,000, Deduct	*-0.48*	
		For >5,000, Deduct	*-1.48*	

32 15 Aggregate Surfacing *(32 10)*

32 15 40 Crushed Stone Surfacing *(32 15)*

Note: Includes delivery up to 15 miles from supplier, placement, rolling and compaction water. See CSI section 01 74 19 00-0040 for hauling greater than 15 miles.

32 15 40 00-0001 Gravel Surfacing And Spreading *(32 15 40)*

Note: Includes delivered material, placement, rolling and compaction water.

32 15 40 00-0002	CY	Gravel Surfacing And Spreading	113.44	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 15 40 00-0003		**Limestone Screenings** *(32 15 40)* Note: Includes delivered material, placement, rolling and compaction water. For trail maintenance.		
32 15 40 00-0004	CY	Limestone Screenings For Trail	84.14	
32 15 40 00-0005		**Decomposed Granite** *(32 15 40)* Note: Includes delivered material, placement, rolling and compaction water.		
32 15 40 00-0006	SY	3" To 4" Thick Decomposed Granite Screenings With Stabilizer Pathway Note: Placed in 2 lifts.	21.24	
		For Additional 2" Lift	*10.62*	
		For >45 To 180, Deduct	*-1.44*	
		For >180 To 450, Deduct	*-1.81*	
		For >450, Deduct	*-2.19*	

32 16 Curbs, Gutters, Sidewalks, and Driveways *(32 10)*

32 16 13 Curbs and Gutters *(32 16)*

Note: Includes transitions. Demolition Includes two saw cuts (each end) of curbs and gutters for lengths up to 100'. See CSI section 02 41 19 13-0057 for additional saw cuts within the 100'.

32 16 13 13 Cast-In-Place Concrete Curbs and Gutters *(32 16 13)*

Note: Includes concrete, forms, rebar (where required), rebar chairs (where necessary), expansion joints, finish and curing.

32 16 13 13-0001		**CALTRANs Cast In Place Concrete Curbs Assemblies** *(32 16 13 13)* Note: Includes delivered concrete, forms, rebar, chairs (where necessary), expansion joints, finish and curing.		
32 16 13 13-0002	LF	CALTRANs Type A1-6 Straight Concrete Curb Assembly	27.13	11.20
		For Up To 20, Add	*15.22*	
		For >20 To 50, Add	*8.59*	
		For >50 To 100, Add	*3.32*	
		For >500 To 1,000, Deduct	*-3.32*	
		For >1,000, Deduct	*-5.65*	
32 16 13 13-0003	LF	CALTRANs Type A1-6 Radius Concrete Curb Assembly	30.29	12.88
		For Up To 20, Add	*17.40*	
		For >20 To 50, Add	*9.83*	
		For >50 To 100, Add	*3.78*	
		For >500 To 1,000, Deduct	*-3.78*	
		For >1,000, Deduct	*-6.43*	
32 16 13 13-0004	LF	CALTRANs Type A1-8 Straight Concrete Curb Assembly	28.30	11.20
		For Up To 20, Add	*16.58*	
		For >20 To 50, Add	*9.38*	
		For >50 To 100, Add	*3.60*	
		For >500 To 1,000, Deduct	*-3.60*	
		For >1,000, Deduct	*-6.11*	
32 16 13 13-0005	LF	CALTRANs Type A1-8 Radius Concrete Curb Assembly	30.34	12.88
		For Up To 20, Add	*17.97*	
		For >20 To 50, Add	*10.17*	
		For >50 To 100, Add	*3.90*	
		For >500 To 1,000, Deduct	*-3.90*	
		For >1,000, Deduct	*-6.60*	
32 16 13 13-0006	LF	CALTRANs Type A3-6 Straight Concrete Curb Assembly	14.50	7.57
		For Up To 20, Add	*8.50*	
		For >20 To 50, Add	*4.81*	
		For >50 To 100, Add	*1.85*	
		For >500 To 1,000, Deduct	*-1.85*	
		For >1,000, Deduct	*-3.13*	
32 16 13 13-0007	LF	CALTRANs Type A3-6 Radius Concrete Curb Assembly	16.74	8.74
		For Up To 20, Add	*10.07*	
		For >20 To 50, Add	*5.71*	
		For >50 To 100, Add	*2.18*	
		For >500 To 1,000, Deduct	*-2.18*	
		For >1,000, Deduct	*-3.69*	
32 16 13 13-0008	LF	CALTRANs Type A3-8 Straight Concrete Curb Assembly	16.12	7.84
		For Up To 20, Add	*9.27*	
		For >20 To 50, Add	*5.24*	
		For >50 To 100, Add	*2.02*	
		For >500 To 1,000, Deduct	*-2.02*	
		For >1,000, Deduct	*-3.43*	
32 16 13 13-0009	LF	CALTRANs Type A3-8 Radius Concrete Curb Assembly	18.48	9.41
		For Up To 20, Add	*10.92*	
		For >20 To 50, Add	*6.18*	
		For >50 To 100, Add	*2.37*	
		For >500 To 1,000, Deduct	*-2.37*	
		For >1,000, Deduct	*-4.02*	
32 16 13 13-0010	LF	CALTRANs Type B1-4 Straight Concrete Curb Assembly	24.71	11.20
		For Up To 20, Add	*13.90*	
		For >20 To 50, Add	*7.84*	
		For >50 To 100, Add	*3.03*	
		For >500 To 1,000, Deduct	*-3.03*	
		For >1,000, Deduct	*-5.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 13-0011	LF	CALTRANs Type B1-4 Straight Concrete Curb Assembly	27.60	12.88
		For Up To 20, Add	*15.88*	
		For >20 To 50, Add	*8.98*	
		For >50 To 100, Add	*3.45*	
		For >500 To 1,000, Deduct	*-3.45*	
		For >1,000, Deduct	*-5.87*	
32 16 13 13-0012	LF	CALTRANs Type B1-6 Straight Concrete Curb Assembly	27.76	11.20
		For Up To 20, Add	*15.35*	
		For >20 To 50, Add	*8.65*	
		For >50 To 100, Add	*3.35*	
		For >500 To 1,000, Deduct	*-3.35*	
		For >1,000, Deduct	*-5.71*	
32 16 13 13-0013	LF	CALTRANs Type B1-6 Radius Concrete Curb Assembly	30.92	12.88
		For Up To 20, Add	*17.52*	
		For >20 To 50, Add	*9.90*	
		For >50 To 100, Add	*3.81*	
		For >500 To 1,000, Deduct	*-3.81*	
		For >1,000, Deduct	*-6.49*	
32 16 13 13-0014	LF	CALTRANs Type B3-4 Straight Concrete Curb Assembly	103.35	6.83
		For Up To 20, Add	*71.06*	
		For >20 To 50, Add	*40.57*	
		For >50 To 100, Add	*15.25*	
		For >500 To 1,000, Deduct	*-15.25*	
		For >1,000, Deduct	*-25.45*	
32 16 13 13-0015	LF	CALTRANs Type B3-4 Radius Concrete Curb Assembly	14.66	7.84
		For Up To 20, Add	*8.98*	
		For >20 To 50, Add	*5.09*	
		For >50 To 100, Add	*1.94*	
		For >500 To 1,000, Deduct	*-1.94*	
		For >1,000, Deduct	*-3.28*	
32 16 13 13-0016	LF	CALTRANs Type B3-6 Straight Concrete Curb Assembly	14.23	7.06
		For Up To 20, Add	*8.28*	
		For >20 To 50, Add	*4.68*	
		For >50 To 100, Add	*1.80*	
		For >500 To 1,000, Deduct	*-1.80*	
		For >1,000, Deduct	*-3.05*	
32 16 13 13-0017	LF	CALTRANs Type B3-6 Radius Concrete Curb Assembly	16.36	8.51
		For Up To 20, Add	*9.77*	
		For >20 To 50, Add	*5.53*	
		For >50 To 100, Add	*2.12*	
		For >500 To 1,000, Deduct	*-2.12*	
		For >1,000, Deduct	*-3.58*	
32 16 13 13-0018	LF	CALTRANs Type D-4 Straight Concrete Curb Assembly	28.19	11.20
		For Up To 20, Add	*14.59*	
		For >20 To 50, Add	*8.19*	
		For >50 To 100, Add	*3.20*	
		For >500 To 1,000, Deduct	*-3.20*	
		For >1,000, Deduct	*-5.51*	
32 16 13 13-0019	LF	CALTRANs Type D-4 Radius Concrete Curb Assembly	31.08	12.88
		For Up To 20, Add	*16.58*	
		For >20 To 50, Add	*9.32*	
		For >50 To 100, Add	*3.63*	
		For >500 To 1,000, Deduct	*-3.63*	
		For >1,000, Deduct	*-6.22*	
32 16 13 13-0020	LF	CALTRANs Type D-6 Straight Concrete Curb Assembly	33.18	11.20
		For Up To 20, Add	*15.59*	
		For >20 To 50, Add	*8.69*	
		For >50 To 100, Add	*3.45*	
		For >500 To 1,000, Deduct	*-3.45*	
		For >1,000, Deduct	*-6.00*	
32 16 13 13-0021	LF	CALTRANs Type D-6 Radius Concrete Curb Assembly	36.06	12.88
		For Up To 20, Add	*17.57*	
		For >20 To 50, Add	*9.82*	
		For >50 To 100, Add	*3.88*	
		For >500 To 1,000, Deduct	*-3.88*	
		For >1,000, Deduct	*-6.71*	

32 16 13 13-0022 CALTRANs Cast In Place Concrete Curb And Gutter Assemblies *(32 16 13 13)*

Note: Includes concrete, forms, rebar, chairs (where necessary), transitions, expansion joints, finish and curing.

32 16 13 13-0023	LF	CALTRANs Type A2-6 Straight Concrete Curb And Gutter Assembly	56.81	21.54
		For Up To 20, Add	*38.39*	
		For >20 To 50, Add	*21.35*	
		For >50 To 100, Add	*8.52*	
		For >500 To 1,000, Deduct	*-7.15*	
		For >1,000, Deduct	*-12.14*	
		For Mountable Or Rolled Curb And Gutter, Add	*3.55*	
32 16 13 13-0024	LF	CALTRANs Type A2-6 Radius Concrete Curb And Gutter Assembly	61.34	23.81
		For Up To 20, Add	*41.57*	
		For >20 To 50, Add	*23.16*	
		For >50 To 100, Add	*9.20*	
		For >500 To 1,000, Deduct	*-7.83*	
		For >1,000, Deduct	*-13.28*	
		For Mountable Or Rolled Curb And Gutter, Add	*4.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 13-0025	LF	CALTRANs Type A2-8 Straight Concrete Curb And Gutter Assembly	61.04	21.54
		For Up To 20, Add	*41.25*	
		For >20 To 50, Add	*22.94*	
		For >50 To 100, Add	*9.16*	
		For >500 To 1,000, Deduct	*-7.68*	
		For >1,000, Deduct	*-13.05*	
		For Mountable Or Rolled Curb And Gutter, Add	*3.82*	
32 16 13 13-0026	LF	CALTRANs Type A2-8 Radius Concrete Curb And Gutter Assembly	65.92	23.81
		For Up To 20, Add	*44.67*	
		For >20 To 50, Add	*24.89*	
		For >50 To 100, Add	*9.89*	
		For >500 To 1,000, Deduct	*-8.41*	
		For >1,000, Deduct	*-14.27*	
		For Mountable Or Rolled Curb And Gutter, Add	*4.31*	
32 16 13 13-0027	LF	CALTRANs Type B2-4 Straight Concrete Curb And Gutter Assembly	32.06	12.36
		For Up To 20, Add	*21.14*	
		For >20 To 50, Add	*11.52*	
		For >50 To 100, Add	*4.81*	
		For >500 To 1,000, Deduct	*-3.51*	
		For >1,000, Deduct	*-6.06*	
		For Mountable Or Rolled Curb And Gutter, Add	*1.19*	
32 16 13 13-0028	LF	CALTRANs Type B2-4 Radius Concrete Curb And Gutter Assembly	33.88	13.60
		For Up To 20, Add	*22.41*	
		For >20 To 50, Add	*12.25*	
		For >50 To 100, Add	*5.08*	
		For >500 To 1,000, Deduct	*-3.78*	
		For >1,000, Deduct	*-6.52*	
		For Mountable Or Rolled Curb And Gutter, Add	*1.37*	
32 16 13 13-0029	LF	CALTRANs Type B2-6 Straight Concrete Curb And Gutter Assembly	38.03	13.60
		For Up To 20, Add	*25.20*	
		For >20 To 50, Add	*13.79*	
		For >50 To 100, Add	*5.70*	
		For >500 To 1,000, Deduct	*-4.28*	
		For >1,000, Deduct	*-7.37*	
		For Mountable Or Rolled Curb And Gutter, Add	*1.60*	
32 16 13 13-0030	LF	CALTRANs Type B2-6 Radius Concrete Curb And Gutter Assembly	40.29	18.14
		For Up To 20, Add	*26.78*	
		For >20 To 50, Add	*14.69*	
		For >50 To 100, Add	*6.04*	
		For >500 To 1,000, Deduct	*-4.62*	
		For >1,000, Deduct	*-7.94*	
		For Mountable Or Rolled Curb And Gutter, Add	*1.82*	
32 16 13 13-0031	LF	CALTRANs Type B4-6 Straight Concrete Curb And Gutter Assembly	60.77	23.69
		For Up To 20, Add	*41.20*	
		For >20 To 50, Add	*22.97*	
		For >50 To 100, Add	*9.12*	
		For >500 To 1,000, Deduct	*-7.78*	
		For >1,000, Deduct	*-13.19*	
		For Mountable Or Rolled Curb And Gutter, Add	*4.00*	
32 16 13 13-0032	LF	CALTRANs Type B4-6 Radius Concrete Curb And Gutter Assembly	65.07	25.85
		For Up To 20, Add	*44.21*	
		For >20 To 50, Add	*24.69*	
		For >50 To 100, Add	*9.76*	
		For >500 To 1,000, Deduct	*-8.42*	
		For >1,000, Deduct	*-14.26*	
		For Mountable Or Rolled Curb And Gutter, Add	*4.43*	
32 16 13 13-0033	LF	CALTRANs Type E Straight Concrete Curb And Gutter Assembly	65.00	24.94
		For Up To 20, Add	*43.99*	
		For >20 To 50, Add	*24.49*	
		For >50 To 100, Add	*9.75*	
		For >500 To 1,000, Deduct	*-8.24*	
		For >1,000, Deduct	*-13.98*	
		For Mountable Or Rolled Curb And Gutter, Add	*4.16*	
32 16 13 13-0034	LF	CALTRANs Type E Radius Concrete Curb And Gutter Assembly	69.54	27.21
		For Up To 20, Add	*47.17*	
		For >20 To 50, Add	*26.30*	
		For >50 To 100, Add	*10.43*	
		For >500 To 1,000, Deduct	*-8.92*	
		For >1,000, Deduct	*-15.12*	
		For Mountable Or Rolled Curb And Gutter, Add	*4.61*	

32 16 13 13-0035 Cast In Place Concrete Curbs Assemblies *(32 16 13 13)*

Note: Includes delivered concrete, forms, rebar, chairs (where necessary), expansion joints, finish and curing.

32 16 13 13-0036	LF	6" x 12" Cast In Place Concrete Curb	24.10	11.20
		For Mountable Curb, Add	*1.45*	
		For Up To 20, Add	*13.78*	
		For >20 To 50, Add	*7.78*	
		For >50 To 100, Add	*3.00*	
		For >500 To 1,000, Deduct	*-3.00*	
		For >1,000, Deduct	*-5.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 13-0037	LF	6" x 12" Cast In Place Concrete Curb - Radius	27.32	12.88
		For Mountable Curb, Add	*1.71*	
		For Up To 20, Add	*15.82*	
		For >20 To 50, Add	*8.95*	
		For >50 To 100, Add	*3.44*	
		For >500 To 1,000, Deduct	*-3.44*	
		For >1,000, Deduct	*-5.84*	
32 16 13 13-0038	LF	6" x 14" Cast In Place Concrete Curb	26.27	11.20
		For Mountable Curb, Add	*1.59*	
		For Up To 20, Add	*15.05*	
		For >20 To 50, Add	*8.50*	
		For >50 To 100, Add	*3.27*	
		For >500 To 1,000, Deduct	*-3.27*	
		For >1,000, Deduct	*-5.57*	
32 16 13 13-0039	LF	6" x 14" Cast In Place Concrete Curb - Radius	29.82	12.88
		For Mountable Curb, Add	*1.88*	
		For Up To 20, Add	*17.30*	
		For >20 To 50, Add	*9.79*	
		For >50 To 100, Add	*3.76*	
		For >500 To 1,000, Deduct	*-3.76*	
		For >1,000, Deduct	*-6.38*	
32 16 13 13-0040	LF	6" x 16" Cast In Place Concrete Curb	28.74	11.20
		For Mountable Curb, Add	*1.72*	
		For Up To 20, Add	*16.38*	
		For >20 To 50, Add	*9.26*	
		For >50 To 100, Add	*3.56*	
		For >500 To 1,000, Deduct	*-3.56*	
		For >1,000, Deduct	*-6.06*	
32 16 13 13-0041	LF	6" x 16" Cast In Place Concrete Curb - Radius	32.48	16.80
		For Mountable Curb, Add	*2.03*	
		For Up To 20, Add	*18.81*	
		For >20 To 50, Add	*10.64*	
		For >50 To 100, Add	*4.09*	
		For >500 To 1,000, Deduct	*-4.09*	
		For >1,000, Deduct	*-6.94*	
32 16 13 13-0042	LF	6" x 18" Cast In Place Concrete Curb	30.66	11.20
		For Mountable Curb, Add	*1.82*	
		For Up To 20, Add	*17.45*	
		For >20 To 50, Add	*9.86*	
		For >50 To 100, Add	*3.80*	
		For >500 To 1,000, Deduct	*-3.80*	
		For >1,000, Deduct	*-6.46*	
32 16 13 13-0043	LF	6" x 18" Cast In Place Concrete Curb - Radius	34.39	12.88
		For Mountable Curb, Add	*2.10*	
		For Up To 20, Add	*19.76*	
		For >20 To 50, Add	*11.17*	
		For >50 To 100, Add	*4.30*	
		For >500 To 1,000, Deduct	*-4.30*	
		For >1,000, Deduct	*-7.30*	
32 16 13 13-0044	LF	6" x 24" Cast In Place Concrete Curb	35.05	12.32
		For Mountable Curb, Add	*1.93*	
		For Up To 20, Add	*19.46*	
		For >20 To 50, Add	*10.97*	
		For >50 To 100, Add	*4.24*	
		For >500 To 1,000, Deduct	*-4.24*	
		For >1,000, Deduct	*-7.24*	
32 16 13 13-0045	LF	6" x 24" Cast In Place Concrete Curb - Radius	38.97	13.99
		For Mountable Curb, Add	*2.20*	
		For Up To 20, Add	*21.79*	
		For >20 To 50, Add	*12.30*	
		For >50 To 100, Add	*4.75*	
		For >500 To 1,000, Deduct	*-4.75*	
		For >1,000, Deduct	*-8.10*	
32 16 13 13-0046	LF	12" x 24" Cast In Place Concrete Curb	44.95	13.99
		For Mountable Curb, Add	*1.87*	
		For Up To 20, Add	*22.99*	
		For >20 To 50, Add	*12.90*	
		For >50 To 100, Add	*5.05*	
		For >500 To 1,000, Deduct	*-5.05*	
		For >1,000, Deduct	*-8.70*	
32 16 13 13-0047	LF	12" x 24" Cast In Place Concrete Curb - Radius	49.80	15.67
		For Mountable Curb, Add	*2.12*	
		For Up To 20, Add	*25.64*	
		For >20 To 50, Add	*14.39*	
		For >50 To 100, Add	*5.63*	
		For >500 To 1,000, Deduct	*-5.63*	
		For >1,000, Deduct	*-9.68*	
32 16 13 13-0048	EA	Additional Finish For Handicap Drop Section In Curb	83.98	

32 16 13 13-0049 Cast In Place Concrete Curb And Gutter Assemblies *(32 16 13 13)*

Note: Includes concrete, forms, rebar, chairs (where necessary), transitions, expansion joints, finish and curing.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 13-0050	LF	6" x 12" Cast In Place Concrete Gutter With 6" Curb And Face - Straight	32.32	13.60
		For Up To 20, Add	*21.77*	
		For >20 To 50, Add	*12.08*	
		For >50 To 100, Add	*4.85*	
		For >500 To 1,000, Deduct	*-4.00*	
		For >1,000, Deduct	*-6.80*	
		For Mountable Or Rolled Curb And Gutter, Add	*1.91*	
32 16 13 13-0051	LF	6" x 12" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	35.03	18.14
		For Up To 20, Add	*23.63*	
		For >20 To 50, Add	*13.12*	
		For >50 To 100, Add	*5.25*	
		For >500 To 1,000, Deduct	*-4.36*	
		For >1,000, Deduct	*-7.41*	
		For Mountable Or Rolled Curb And Gutter, Add	*2.11*	
32 16 13 13-0052	LF	6" x 18" Cast In Place Concrete Gutter With 6" Curb And Face - Straight	40.42	15.08
		For Up To 20, Add	*27.26*	
		For >20 To 50, Add	*15.13*	
		For >50 To 100, Add	*6.06*	
		For >500 To 1,000, Deduct	*-5.03*	
		For >1,000, Deduct	*-8.55*	
		For Mountable Or Rolled Curb And Gutter, Add	*2.43*	
32 16 13 13-0053	LF	6" x 18" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	44.42	16.78
		For Up To 20, Add	*30.00*	
		For >20 To 50, Add	*16.67*	
		For >50 To 100, Add	*6.66*	
		For >500 To 1,000, Deduct	*-5.57*	
		For >1,000, Deduct	*-9.46*	
		For Mountable Or Rolled Curb And Gutter, Add	*2.74*	
32 16 13 13-0054	LF	6" x 24" Cast In Place Concrete Gutter With 6" Curb And Face - Straight	48.51	18.14
		For Up To 20, Add	*32.73*	
		For >20 To 50, Add	*18.18*	
		For >50 To 100, Add	*7.28*	
		For >500 To 1,000, Deduct	*-6.05*	
		For >1,000, Deduct	*-10.29*	
		For Mountable Or Rolled Curb And Gutter, Add	*2.95*	
32 16 13 13-0055	LF	6" x 24" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	53.79	20.41
		For Up To 20, Add	*36.35*	
		For >20 To 50, Add	*20.22*	
		For >50 To 100, Add	*8.07*	
		For >500 To 1,000, Deduct	*-6.77*	
		For >1,000, Deduct	*-11.50*	
		For Mountable Or Rolled Curb And Gutter, Add	*3.37*	
32 16 13 13-0056	LF	6" x 30" Cast In Place Concrete Gutter With 6" Curb And Face - Straight	57.19	21.54
		For Up To 20, Add	*38.62*	
		For >20 To 50, Add	*21.47*	
		For >50 To 100, Add	*8.58*	
		For >500 To 1,000, Deduct	*-7.17*	
		For >1,000, Deduct	*-12.18*	
		For Mountable Or Rolled Curb And Gutter, Add	*3.53*	
32 16 13 13-0057	LF	6" x 30" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	62.62	23.81
		For Up To 20, Add	*42.33*	
		For >20 To 50, Add	*23.55*	
		For >50 To 100, Add	*9.39*	
		For >500 To 1,000, Deduct	*-7.89*	
		For >1,000, Deduct	*-13.40*	
		For Mountable Or Rolled Curb And Gutter, Add	*3.94*	
32 16 13 13-0058	LF	6" x 36" Cast In Place Concrete Gutter With 6" Curb And Face - Straight	65.86	24.94
		For Up To 20, Add	*44.50*	
		For >20 To 50, Add	*24.75*	
		For >50 To 100, Add	*9.88*	
		For >500 To 1,000, Deduct	*-8.28*	
		For >1,000, Deduct	*-14.07*	
		For Mountable Or Rolled Curb And Gutter, Add	*4.11*	
32 16 13 13-0059	LF	6" x 36" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	71.45	27.21
		For Up To 20, Add	*48.31*	
		For >20 To 50, Add	*26.88*	
		For >50 To 100, Add	*10.72*	
		For >500 To 1,000, Deduct	*-9.01*	
		For >1,000, Deduct	*-15.31*	
		For Mountable Or Rolled Curb And Gutter, Add	*4.51*	
32 16 13 13-0060	LF	6" x 42" Cast In Place Concrete Gutter With 6" Curb And Face - Straight	74.53	28.34
		For Up To 20, Add	*50.39*	
		For >20 To 50, Add	*28.03*	
		For >50 To 100, Add	*11.18*	
		For >500 To 1,000, Deduct	*-9.39*	
		For >1,000, Deduct	*-15.96*	
		For Mountable Or Rolled Curb And Gutter, Add	*4.69*	
32 16 13 13-0061	LF	6" x 42" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	82.53	31.74
		For Up To 20, Add	*55.87*	
		For >20 To 50, Add	*31.11*	
		For >50 To 100, Add	*12.38*	
		For >500 To 1,000, Deduct	*-10.48*	
		For >1,000, Deduct	*-17.78*	
		For Mountable Or Rolled Curb And Gutter, Add	*5.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 16 13 14 Machine Formed, Slip Form Curbs *(32 16 13)*

Note: Includes delivered concrete, steel, expansion joints and finish.

32 16 13 14-0001 Curbs, Machine Formed, Slip Form *(32 16 13 14)*

Note: Includes delivered concrete, steel, expansion joints and finish.

32 16 13 14-0002	EA	Minimum Set-up Charge For Machine Formed Concrete Curb (One Time Per Job) Note: For projects where the total curbing charge is less than the minimum set-up charge, use this task exclusively. This task shall not be used in conjunction with any other tasks in this section.	1,716.96	
32 16 13 14-0003	LF	6" x 12" Straight Concrete Curb, Machine Formed	14.21	
32 16 13 14-0004	LF	6" x 12" Curved Concrete Curb, Machine Formed	19.43	
32 16 13 14-0005	LF	6" x 18" Straight Concrete Curb, Machine Formed	18.76	
32 16 13 14-0006	LF	6" x 18" Curved Concrete Curb, Machine Formed	24.93	

32 16 13 16 Steel Faced Curbs *(32 16 13)*

Note: Fabrication includes handicap and other curb access cuts.

32 16 13 16-0001 Sidewalk/Curb Facing *(32 16 13 16)*

Note: Fabrication includes handicap and other curb access cuts.

32 16 13 16-0002	LF	3" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	17.30	6.24
		For Curved Section, Add	*4.06*	
32 16 13 16-0003	LF	4" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	19.14	7.10
		For Curved Section, Add	*4.58*	
32 16 13 16-0004	LF	6" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	25.26	7.95
		For Curved Section, Add	*5.52*	
32 16 13 16-0005	LF	8" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	30.69	8.94
		For Curved Section, Add	*6.40*	
32 16 13 16-0006	LF	10" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	37.16	9.79
		For Curved Section, Add	*7.38*	
32 16 13 16-0007	LF	12" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	48.48	12.49
		For Curved Section, Add	*9.51*	
32 16 13 16-0008	LF	13" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	56.51	16.18
		For Curved Section, Add	*11.69*	
32 16 13 16-0009	EA	Sidewalk/Curb Steel Facing, Pedestrian Ramps, Two Drops Per Section	170.81	

32 16 13 19 Cast-In-Place Concrete Drainage Ditches *(32 16 13)*

Note: Includes concrete, forms, rebar (where required), rebar chairs (where necessary), expansion joints, finish and curing.

32 16 13 19-0001 Valley Gutter, Cast In Place *(32 16 13 19)*

Note: Includes concrete, forms, rebar, expansion joints, finish and curing.

32 16 13 19-0002	LF	2' Wide Cast In Place Concrete Valley Gutter, 6" Thick	25.43
		For Up To 20, Add	*11.89*
		For >20 To 50, Add	*6.63*
		For >50 To 100, Add	*2.63*
		For >500 To 1,000, Deduct	*-2.63*
		For >1,000, Deduct	*-4.58*
32 16 13 19-0003	LF	2-1/2' Wide Cast In Place Concrete Valley Gutter, 6" Thick	31.15
		For Up To 20, Add	*14.42*
		For >20 To 50, Add	*8.03*
		For >50 To 100, Add	*3.20*
		For >500 To 1,000, Deduct	*-3.20*
		For >1,000, Deduct	*-5.57*
32 16 13 19-0004	LF	3' Wide Cast In Place Concrete Valley Gutter, 6" Thick	36.83
		For Up To 20, Add	*16.92*
		For >20 To 50, Add	*9.41*
		For >50 To 100, Add	*3.75*
		For >500 To 1,000, Deduct	*-3.75*
		For >1,000, Deduct	*-6.55*
32 16 13 19-0005	LF	3-1/2' Wide Cast In Place Concrete Valley Gutter, 6" Thick	42.45
		For Up To 20, Add	*19.38*
		For >20 To 50, Add	*10.78*
		For >50 To 100, Add	*4.30*
		For >500 To 1,000, Deduct	*-4.30*
		For >1,000, Deduct	*-7.51*
32 16 13 19-0006	LF	4' Wide Cast In Place Concrete Valley Gutter, 6" Thick	48.10
		For Up To 20, Add	*21.86*
		For >20 To 50, Add	*12.15*
		For >50 To 100, Add	*4.85*
		For >500 To 1,000, Deduct	*-4.85*
		For >1,000, Deduct	*-8.48*
32 16 13 19-0007	LF	5' Wide Cast In Place Concrete Valley Gutter, 6" Thick	57.07
		For Up To 20, Add	*25.18*
		For >20 To 50, Add	*13.97*
		For >50 To 100, Add	*5.61*
		For >500 To 1,000, Deduct	*-5.61*
		For >1,000, Deduct	*-9.84*
32 16 13 19-0008	LF	6' Wide Cast In Place Concrete Valley Gutter, 6" Thick	65.69
		For Up To 20, Add	*28.26*
		For >20 To 50, Add	*15.64*
		For >50 To 100, Add	*6.31*
		For >500 To 1,000, Deduct	*-6.31*
		For >1,000, Deduct	*-11.11*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 19-0009	SF	>6' Wide Cast In Place Concrete Valley Gutter, 6" Thick	10.94	
		For Up To 100, Add	*4.70*	
		For >100 To 250, Add	*2.60*	
		For >250 To 500, Add	*1.05*	
		For >2,500 To 5,000, Deduct	*-1.05*	
		For >5,000, Deduct	*-1.85*	
32 16 13 19-0010	LF	2' Wide Cast In Place Concrete Valley Gutter, 7" Thick	27.93	
		For Up To 20, Add	*12.75*	
		For >20 To 50, Add	*7.09*	
		For >50 To 100, Add	*2.83*	
		For >500 To 1,000, Deduct	*-2.83*	
		For >1,000, Deduct	*-4.94*	
32 16 13 19-0011	LF	2-1/2' Wide Cast In Place Concrete Valley Gutter, 7" Thick	34.48	
		For Up To 20, Add	*15.64*	
		For >20 To 50, Add	*8.69*	
		For >50 To 100, Add	*3.47*	
		For >500 To 1,000, Deduct	*-3.47*	
		For >1,000, Deduct	*-6.07*	
32 16 13 19-0012	LF	3' Wide Cast In Place Concrete Valley Gutter, 7" Thick	40.54	
		For Up To 20, Add	*18.18*	
		For >20 To 50, Add	*10.10*	
		For >50 To 100, Add	*4.04*	
		For >500 To 1,000, Deduct	*-4.04*	
		For >1,000, Deduct	*-7.08*	
32 16 13 19-0013	LF	3-1/2' Wide Cast In Place Concrete Valley Gutter, 7" Thick	46.79	
		For Up To 20, Add	*20.85*	
		For >20 To 50, Add	*11.58*	
		For >50 To 100, Add	*4.64*	
		For >500 To 1,000, Deduct	*-4.64*	
		For >1,000, Deduct	*-8.13*	
32 16 13 19-0014	LF	4' Wide Cast In Place Concrete Valley Gutter, 7" Thick	53.03	
		For Up To 20, Add	*23.52*	
		For >20 To 50, Add	*13.05*	
		For >50 To 100, Add	*5.23*	
		For >500 To 1,000, Deduct	*-5.23*	
		For >1,000, Deduct	*-9.18*	
32 16 13 19-0015	LF	5' Wide Cast In Place Concrete Valley Gutter, 7" Thick	63.04	
		For Up To 20, Add	*27.13*	
		For >20 To 50, Add	*15.02*	
		For >50 To 100, Add	*6.06*	
		For >500 To 1,000, Deduct	*-6.06*	
		For >1,000, Deduct	*-10.66*	
32 16 13 19-0016	LF	6' Wide Cast In Place Concrete Valley Gutter, 7" Thick	72.70	
		For Up To 20, Add	*30.50*	
		For >20 To 50, Add	*16.84*	
		For >50 To 100, Add	*6.83*	
		For >500 To 1,000, Deduct	*-6.83*	
		For >1,000, Deduct	*-12.06*	
32 16 13 19-0017	SF	>6' Wide Cast In Place Concrete Valley Gutter, 7" Thick	12.12	
		For Up To 100, Add	*5.08*	
		For >100 To 250, Add	*2.81*	
		For >250 To 500, Add	*1.14*	
		For >2,500 To 5,000, Deduct	*-1.14*	
		For >5,000, Deduct	*-2.01*	
32 16 13 19-0018	LF	2' Wide Cast In Place Concrete Valley Gutter, 8" Thick	28.14	
		For Up To 20, Add	*13.17*	
		For >20 To 50, Add	*7.34*	
		For >50 To 100, Add	*2.92*	
		For >500 To 1,000, Deduct	*-2.92*	
		For >1,000, Deduct	*-5.08*	
32 16 13 19-0019	LF	2-1/2' Wide Cast In Place Concrete Valley Gutter, 8" Thick	34.51	
		For Up To 20, Add	*16.00*	
		For >20 To 50, Add	*8.91*	
		For >50 To 100, Add	*3.54*	
		For >500 To 1,000, Deduct	*-3.54*	
		For >1,000, Deduct	*-6.18*	
32 16 13 19-0020	LF	3' Wide Cast In Place Concrete Valley Gutter, 8" Thick	40.78	
		For Up To 20, Add	*18.75*	
		For >20 To 50, Add	*10.44*	
		For >50 To 100, Add	*4.16*	
		For >500 To 1,000, Deduct	*-4.16*	
		For >1,000, Deduct	*-7.26*	
32 16 13 19-0021	LF	3-1/2' Wide Cast In Place Concrete Valley Gutter, 8" Thick	47.04	
		For Up To 20, Add	*21.50*	
		For >20 To 50, Add	*11.96*	
		For >50 To 100, Add	*4.77*	
		For >500 To 1,000, Deduct	*-4.77*	
		For >1,000, Deduct	*-8.33*	
32 16 13 19-0022	LF	4' Wide Cast In Place Concrete Valley Gutter, 8" Thick	53.32	
		For Up To 20, Add	*24.26*	
		For >20 To 50, Add	*13.49*	
		For >50 To 100, Add	*5.39*	
		For >500 To 1,000, Deduct	*-5.39*	
		For >1,000, Deduct	*-9.41*	
32 16 13 19-0023	LF	5' Wide Cast In Place Concrete Valley Gutter, 8" Thick	63.24	
32 16 13 19-0024	LF	6' Wide Cast In Place Concrete Valley Gutter, 8" Thick	72.76	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 19-0025	SF	>6' Wide Cast In Place Concrete Valley Gutter, 8" Thick	12.13	
		For Up To 100, Add	*5.23*	
		For >100 To 250, Add	*2.89*	
		For >250 To 500, Add	*1.17*	
		For >2,500 To 5,000, Deduct	*-1.17*	
		For >5,000, Deduct	*-2.05*	

32 16 13 23 Precast Concrete Curbs and Gutters *(32 16 13)*

32 16 13 23-0001 Precast Concrete Curb *(32 16 13 23)*

32 16 13 23-0002	LF	6" x 18" Precast Concrete Curb	49.25	12.06
32 16 13 23-0003	LF	6" x 18" Precast Concrete Curb, Radius	58.64	13.86
32 16 13 23-0004	LF	6" x 20" Precast Concrete Curb	52.12	12.06
32 16 13 23-0005	LF	6" x 20" Precast Concrete Curb, Radius	62.44	13.86
32 16 13 23-0006	LF	7" x 18" Precast Concrete Curb	53.43	12.06
32 16 13 23-0007	LF	7" x 18" Precast Concrete Curb, Radius	63.96	13.86
32 16 13 23-0008	LF	7" x 20" Precast Concrete Curb	56.69	12.06
32 16 13 23-0009	LF	7" x 20" Precast Concrete Curb, Radius	68.09	13.86

32 16 13 33 Asphalt Curbs *(32 16 13)*

32 16 13 33-0001 Asphalt Curbs *(32 16 13 33)*

32 16 13 33-0002	LF	6" Wide x 6" High Asphalt Curb 64 LF/TON, Bituminous, Plain	15.65	6.39
32 16 13 33-0003	LF	8" Wide x 6" High Asphalt Curb 50 LF/TON, Bituminous, Plain	17.62	7.10
32 16 13 33-0004	LF	8" Wide x 8" High Asphalt Curb 44 LF/TON, Bituminous, Plain	19.44	7.80

32 16 13 43 Stone Curbs *(32 16 13)*

32 16 13 43-0001 Remove And Reset Stone And Precast Curbing *(32 16 13 43)*

Note: Includes storage and cleaning.

32 16 13 43-0002	LF	Removal And Resetting Of Stone Or Precast Curbing Note: Includes storage and cleaning.	39.80	

32 16 23 Sidewalks *(32 16)*

32 16 23 00-0001 Cast In Place Concrete Sidewalk Assemblies *(32 16 23)*

Note: Includes finish grading, delivered concrete (up to 3500 PSI) by chute, formwork, 1/4" radius joints and edges, polyethylene sheeting, control joints, expansion joints, sealer, screed, broom finish, and curing. Excludes excavation, base, base compaction and welded wire reinforcement. For bar or fiber reinforcing, add bar or fiber reinforcing tasks. See CSI section 02 41 13 13-0000 for sidewalk removal, 03 05 13 00-0001 for color additive, 03 21 00 00-0000 for reinforcing steel, 03 31 13 00-0079 for buggies, 03 31 13 00-0086 for small quantity purchases, 03 37 16 00-0001 for pumping with boom truck, 31 23 16 36-0000 for excavation, 32 11 23 16-0001 for base course.

32 16 23 00-0002	SF	4" Cast In Place Concrete Sidewalk	10.05	
		For Up To 100, Add	*4.31*	
		For >100 To 500, Add	*1.22*	
		For >2,000 To 5,000, Deduct	*-0.54*	
		For >5,000 To 10,000, Deduct	*-1.22*	
		For >10,000 To 20,000, Deduct	*-1.65*	
		For >20,000, Deduct	*-2.08*	
		For 3,500 PSI Concrete, Add	*0.13*	
		For 4,000 PSI Concrete, Add	*0.23*	
		For 4,500 PSI Concrete, Add	*0.27*	
		For Welded Wire Reinforcement, Add	*0.95*	
32 16 23 00-0003	SF	5" Cast In Place Concrete Sidewalk	10.95	
		For Up To 100, Add	*4.60*	
		For >100 To 500, Add	*1.29*	
		For >2,000 To 5,000, Deduct	*-0.56*	
		For >5,000 To 10,000, Deduct	*-1.29*	
		For >10,000 To 20,000, Deduct	*-1.75*	
		For >20,000, Deduct	*-2.21*	
		For 3,500 PSI Concrete, Add	*0.16*	
		For 4,000 PSI Concrete, Add	*0.28*	
		For 4,500 PSI Concrete, Add	*0.32*	
		For Welded Wire Reinforcement, Add	*0.95*	
32 16 23 00-0004	SF	6" Cast In Place Concrete Sidewalk	11.85	
		For Up To 100, Add	*4.89*	
		For >100 To 500, Add	*1.36*	
		For >2,000 To 5,000, Deduct	*-0.58*	
		For >5,000 To 10,000, Deduct	*-1.36*	
		For >10,000 To 20,000, Deduct	*-1.85*	
		For >20,000, Deduct	*-2.34*	
		For 3,500 PSI Concrete, Add	*0.19*	
		For 4,000 PSI Concrete, Add	*0.33*	
		For 4,500 PSI Concrete, Add	*0.38*	
		For Welded Wire Reinforcement, Add	*0.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 23 00-0005	SF	7" Cast In Place Concrete Sidewalk	13.78	
		For Up To 100, Add	*5.63*	
		For >100 To 500, Add	*1.56*	
		For >2,000 To 5,000, Deduct	*-0.66*	
		For >5,000 To 10,000, Deduct	*-1.56*	
		For >10,000 To 20,000, Deduct	*-2.13*	
		For >20,000, Deduct	*-2.69*	
		For 3,500 PSI Concrete, Add	*0.23*	
		For 4,000 PSI Concrete, Add	*0.40*	
		For 4,500 PSI Concrete, Add	*0.47*	
		For Welded Wire Reinforcement, Add	*0.95*	
32 16 23 00-0006	SF	8" Cast In Place Concrete Sidewalk	14.57	
		For Up To 100, Add	*5.87*	
		For >100 To 500, Add	*1.62*	
		For >2,000 To 5,000, Deduct	*-0.67*	
		For >5,000 To 10,000, Deduct	*-1.62*	
		For >10,000 To 20,000, Deduct	*-2.21*	
		For >20,000, Deduct	*-2.79*	
		For 3,500 PSI Concrete, Add	*0.26*	
		For 4,000 PSI Concrete, Add	*0.45*	
		For 4,500 PSI Concrete, Add	*0.53*	
		For Welded Wire Reinforcement, Add	*0.95*	
32 16 23 00-0007	SF	For Exposed Aggregate Finish In Sidewalk	2.69	
32 16 23 00-0008	EA	Finish Concrete Handicap Drop Section In Sidewalk Note: Excludes patterned (tactile) finish.	161.49	
32 16 23 00-0009	LF	For Hand Trowel Finish At Sidewalk Edges (Picture Frame)	2.69	

32 16 23 00-0010 Bituminous Sidewalk Assemblies *(32 16 23)*

Note: Includes finish grading, delivered asphalt, formwork, control joints, expansion joints, and compaction. Excludes excavation, base, and base compaction. See CSI section 32 11 23 16-0001 for base course.

32 16 23 00-0011	SY	1" Bituminous Sidewalk	11.58	
		For Up To 100, Add	*4.33*	
		For >100 To 500, Add	*1.15*	
		For >1,000 To 5,000, Deduct	*-0.57*	
		For >5,000, Deduct	*-1.15*	
32 16 23 00-0012	SY	1-1/2" Bituminous Sidewalk	14.54	
		For Up To 100, Add	*5.35*	
		For >100 To 500, Add	*1.41*	
		For >1,000 To 5,000, Deduct	*-0.69*	
		For >5,000, Deduct	*-1.41*	
32 16 23 00-0013	SY	2" Bituminous Sidewalk	20.20	
		For Up To 100, Add	*7.18*	
		For >100 To 500, Add	*1.86*	
		For >1,000 To 5,000, Deduct	*-0.85*	
		For >5,000, Deduct	*-1.86*	
32 16 23 00-0014	SY	2-1/2" Bituminous Sidewalk	25.25	
		For Up To 100, Add	*8.95*	
		For >100 To 500, Add	*2.32*	
		For >1,000 To 5,000, Deduct	*-1.06*	
		For >5,000, Deduct	*-2.32*	
32 16 23 00-0015	SY	3" Bituminous Sidewalk	29.07	
		For Up To 100, Add	*10.13*	
		For >100 To 500, Add	*2.60*	
		For >1,000 To 5,000, Deduct	*-1.14*	
		For >5,000, Deduct	*-2.60*	
32 16 23 00-0016	SY	3-1/2" Bituminous Sidewalk	33.61	
		For Up To 100, Add	*11.55*	
		For >100 To 500, Add	*2.94*	
		For >1,000 To 5,000, Deduct	*-1.26*	
		For >5,000, Deduct	*-2.94*	

32 16 43 Asphalt Dike *(32 16)*

32 16 43 00-0001 Asphalt Dike *(32 16 43)*

32 16 43 00-0002	LF	Type A, Asphalt Dike, 11" Base, 5" Top, 6" Height	8.39
32 16 43 00-0003	LF	Type B, Asphalt Dike, 13" Base, 5" Top, 8" Height	11.54
32 16 43 00-0004	LF	Type C-6, Asphalt Dike, 18" Base, 6" Top, 6" Height	11.54
32 16 43 00-0005	LF	Type C-8, Asphalt Dike, 22" Base, 6" Top, 8" Height	16.52
32 16 43 00-0006	LF	Type C-9, Asphalt Dike, 24" Base, 6" Top, 9" Height	19.58
32 16 43 00-0007	LF	Type D, Asphalt Dike, 8" Base, 4" Top, 2" Height	4.40
32 16 43 00-0008	LF	Type E, Mountable Asphalt Dike, 16" Base, 12" Top, 2" Height Front, 6" Height Back	11.98
32 16 43 00-0009	LF	Type F, Mountable Asphalt Dike, 26" Base, 20" Top, 2" Height Front, 8" Height Back	18.50
32 16 43 00-0010	LF	CALTRANS Type A, Asphalt Dike, 11" Base, 5" Top, 6" Height	8.39
32 16 43 00-0011	LF	CALTRANS Type C, Asphalt Dike, 8" Base, 4" Top, 2" Height	4.40
32 16 43 00-0012	LF	CALTRANS Type D, Mountable Asphalt Dike, 26" Base, 20" Top, 2" Height Front, 8" Height Back	18.50
32 16 43 00-0013	LF	CALTRANS Type E, Mountable Asphalt Dike, 16" Base, 12" Top, 2" Height Front, 6" Height Back	11.98
32 16 43 00-0014	LF	CALTRANS Type F, Asphalt Dike, 8" Base, 4" Top, 4" Height	6.44

32 17 Paving Specialties *(32 10)*

32 17 13 Parking Bumpers *(32 17)*

Note: Includes dowels set.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 13 16		**Plastic Parking Bumpers** *(32 17 13)*		
32 17 13 16-0001	EA	4" x 6" x 4' Recycled Plastic Wheel Stop	199.72	8.70
32 17 13 16-0002	EA	4" x 6" x 6' Recycled Plastic Wheel Stop	226.07	8.70
32 17 13 19		**Precast Concrete Parking Bumpers** *(32 17 13)*		
32 17 13 19-0001	EA	6" x 8" x 4' Precast Concrete Wheel Stop With Dowels	79.24	26.19
32 17 13 19-0002	EA	6" x 6" x 6' Precast Concrete Wheel Stop With Dowels	90.26	26.19
32 17 13 19-0003	EA	6" x 8" x 6' Precast Concrete Wheel Stop With Dowels	93.90	26.19
32 17 13 19-0004	EA	6" x 10" x 6' Precast Concrete Wheel Stop With Dowels	98.17	26.19
32 17 13 19-0005	EA	4-7/8" x 7-5/8" x 6' Precast Concrete Wheel Stop With Dowels	91.83	26.19
32 17 13 19-0006	EA	8" x 13" x 6' Precast Concrete Wheel Stop With Dowels	115.34	26.19
32 17 13 19-0007	EA	Removal And Relocation Of Precast Concrete Wheel Stop	41.90	
32 17 13 19-0008	EA	Removal And Relocation Of Plastic Or Wood Wheel Stop	27.24	
32 17 13 23		**Rubber Parking Bumpers** *(32 17 13)*		
32 17 13 23-0001	EA	3' Recycled Rubber Wheel Stop	34.14	8.70
32 17 13 23-0002	EA	4' Recycled Rubber Wheel Stop	39.34	8.70
32 17 13 23-0003	EA	5' Recycled Rubber Wheel Stop	41.41	8.70
32 17 13 23-0004	EA	6' Recycled Rubber Wheel Stop	44.53	8.70
32 17 13 26		**Wood Parking Bumpers** *(32 17 13)*		
32 17 13 26-0001	LF	4" x 4" Timber Barrier With Saddles For Cars, Pressure Treated	12.16	2.10
32 17 13 26-0002	LF	6" x 6" Timber Barriers With Saddle For Trucks, Pressure Treated	15.90	2.10
32 17 16		**Manufactured Traffic-Calming Devices** *(32 17)*		
32 17 16 00-0001		Modular Rubber Speed Tables *(32 17 16)*		
		Note: 3" high flat-topped speed humps, 18" x 42" modular rubber construction. Trafficlogix.		
32 17 16 00-0002	SF	Up To 24' Road Width x 7' Run Modular Rubber Speed Table	70.74	
		Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.		
32 17 16 00-0003	SF	Up To 24' Road Width x 14' Run Modular Rubber Speed Table	61.79	
		Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.		
32 17 16 00-0004	SF	Up To 24' Road Width x 21' Run Modular Rubber Speed Table	58.02	
		Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.		
32 17 16 00-0005	SF	>24' To 30' Road Width x 7' Run Modular Rubber Speed Table	67.69	
		Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.		
32 17 16 00-0006	SF	>24' To 30' Road Width x 14' Run Modular Rubber Speed Table	59.56	
		Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.		
32 17 16 00-0007	SF	>24' To 30' Road Width x 21' Run Modular Rubber Speed Table	56.24	
		Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.		
32 17 16 00-0008	SF	>30' To 40' Road Width x 7' Run Modular Rubber Speed Table	64.68	
		Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.		
32 17 16 00-0009	SF	>30' To 40' Road Width x 14' Run Modular Rubber Speed Table	57.80	
		Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.		
32 17 16 00-0010	SF	>30' To 40' Road Width x 21' Run Modular Rubber Speed Table	54.75	
		Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.		
32 17 16 00-0011		Asphalt Speed Table *(32 17 16)*		
		Note: Excludes pavement markings or reflectors.		
32 17 16 00-0012	LF	Up to 36" Run, Asphalt Speed Table With 3" Center Crown	44.76	
		Note: Tapered on edges to roadway.		
32 17 16 00-0013	LF	>36" To 48" Run, Asphalt Speed Table With 3" Center Crown	52.82	
		Note: Tapered on edges to roadway.		
32 17 16 00-0014	LF	Up to 36" Run, Asphalt Speed Table With 4" Center Crown	56.25	
		Note: Tapered on edges to roadway.		
32 17 16 00-0015	LF	>36" To 48" Run, Asphalt Speed Table With 4" Center Crown	66.42	
		Note: Tapered on edges to roadway.		
32 17 16 00-0016	LF	Up to 36" Run, Asphalt Speed Table With 6" Center Crown	68.77	
		Note: Tapered on edges to roadway.		
32 17 16 00-0017	LF	>36" To 48" Run, Asphalt Speed Table With 6" Center Crown	76.83	
		Note: Tapered on edges to roadway.		
32 17 16 00-0018		Speed Bumps *(32 17 16)*		
		Note: Excludes pavement markings or reflectors.		
32 17 16 00-0019	LF	2-1/4" High x 10-1/2" Wide, Asphalt Speed Bump	44.63	2.21
32 17 16 00-0020	LF	12" x 2-1/4" Recycled Rubber Speed Bump	32.41	1.47
32 17 16 00-0021	LF	12" x 2-5/8" Recycled Plastic Speed Bump	158.61	1.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 17 23 Pavement Markings *(32 17)*

32 17 23 13 Painted Pavement Markings *(32 17 23)*

32 17 23 13-0001 Painted Pavement Striping, Letters, Symbols And Markers for Roads *(32 17 23 13)*
Note: Includes primers, adhesive and reflective glass beads. For broken line quantities use total lane length. Per Coat.

32 17 23 13-0002 Painted Epoxy Reflective Pavement Marking *(32 17 23 13-0001)*
Note: 15 mil thickness.

32 17 23 13-0003	LF	Single 4" Wide Solid Line, Epoxy Reflective Pavement Striping	0.59	
		For 20 Mil Thickness, Add	*0.13*	
		For Up To 5,000 LF, Add	*0.12*	
		For >25,000 LF, Deduct	*-0.09*	
		For Broken Line, Deduct	*-0.26*	
32 17 23 13-0004	LF	Single 6" Wide Solid Line, Epoxy Reflective Pavement Striping	0.81	
		For 20 Mil Thickness, Add	*0.18*	
		For Up To 5,000 LF, Add	*0.16*	
		For >25,000 LF, Deduct	*-0.12*	
		For Broken Line, Deduct	*-0.38*	
32 17 23 13-0005	LF	Single 8" Wide Solid Line, Epoxy Reflective Pavement Striping	0.98	
		For 20 Mil Thickness, Add	*0.22*	
		For Up To 5,000 LF, Add	*0.20*	
		For >25,000 LF, Deduct	*-0.15*	
		For Broken Line, Deduct	*-0.44*	
32 17 23 13-0006	LF	Single 12" Wide Solid Line, Epoxy Reflective Pavement Striping	1.49	
		For 20 Mil Thickness, Add	*0.35*	
		For Up To 5,000 LF, Add	*0.30*	
		For >25,000 LF, Deduct	*-0.22*	
		For Broken Line, Deduct	*-0.74*	
32 17 23 13-0007	LF	Double 4" Wide Solid Lines, Epoxy Reflective Pavement Striping	0.91	
		For 20 Mil Thickness, Add	*0.23*	
		For Up To 5,000 LF, Add	*0.18*	
		For >25,000 LF, Deduct	*-0.14*	
		For Broken Line On One Side, Deduct	*-0.25*	
		For Double Broken Line, Deduct	*-0.50*	
32 17 23 13-0008	LF	Double 6" Wide Solid Lines, Epoxy Reflective Pavement Striping	1.29	
		For 20 Mil Thickness, Add	*0.34*	
		For Up To 5,000 LF, Add	*0.26*	
		For >25,000 LF, Deduct	*-0.19*	
		For Broken Line On One Side, Deduct	*-0.37*	
		For Double Broken Line, Deduct	*-0.74*	
32 17 23 13-0009	EA	6" High, Letter/Number, Epoxy Reflective Pavement Marking	4.47	
		For 20 Mil Thickness, Add	*0.43*	
		For <10, Add	*0.56*	
		For >50 To 100, Deduct	*-0.28*	
		For >100 To 200, Deduct	*-0.37*	
		For >200, Deduct	*-0.75*	
32 17 23 13-0010	EA	12" High, Letter/Number, Epoxy Reflective Pavement Marking	8.33	
		For 20 Mil Thickness, Add	*1.18*	
		For <10, Add	*0.85*	
		For >50 To 100, Deduct	*-0.42*	
		For >100 To 200, Deduct	*-0.57*	
		For >200, Deduct	*-1.13*	
32 17 23 13-0011	EA	24" High, Letter/Number, Epoxy Reflective Pavement Marking	14.07	
		For 20 Mil Thickness, Add	*2.03*	
		For <10, Add	*1.41*	
		For >50 To 100, Deduct	*-0.70*	
		For >100 To 200, Deduct	*-0.94*	
		For >200, Deduct	*-1.88*	
32 17 23 13-0012	EA	36" High, Letter/Number, Epoxy Reflective Pavement Marking	26.99	
		For 20 Mil Thickness, Add	*3.68*	
		For <10, Add	*2.81*	
		For >50 To 100, Deduct	*-1.41*	
		For >100 To 200, Deduct	*-1.88*	
		For >200, Deduct	*-3.75*	
32 17 23 13-0013	EA	48" High, Letter/Number, Epoxy Reflective Pavement Marking	31.74	
		For 20 Mil Thickness, Add	*4.62*	
		For <10, Add	*3.15*	
		For >50 To 100, Deduct	*-1.58*	
		For >100 To 200, Deduct	*-2.10*	
		For >200, Deduct	*-4.21*	
32 17 23 13-0014	EA	72" High, Letter/Number, Epoxy Reflective Pavement Marking	56.98	
		For 20 Mil Thickness, Add	*8.39*	
		For <10, Add	*5.61*	
		For >50 To 100, Deduct	*-2.81*	
		For >100 To 200, Deduct	*-3.74*	
		For >200, Deduct	*-7.48*	
32 17 23 13-0015	EA	96" High, Letter/Number, Epoxy Reflective Pavement Marking	75.99	
		For 20 Mil Thickness, Add	*11.09*	
		For <10, Add	*7.54*	
		For >50 To 100, Deduct	*-3.77*	
		For >100 To 200, Deduct	*-5.02*	
		For >200, Deduct	*-10.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0016	EA	120" High, Letter/Number, Epoxy Reflective Pavement Marking	119.73	
		For 20 Mil Thickness, Add	*22.27*	
		For <10, Add	*9.34*	
		For >50 To 100, Deduct	*-4.67*	
		For >100 To 200, Deduct	*-6.23*	
		For >200, Deduct	*-12.45*	
32 17 23 13-0017	SF	Letter/Number, Epoxy Reflective Pavement Marking	7.50	
		For 20 Mil Thickness, Add	*0.90*	
32 17 23 13-0018	SF	Symbols, Epoxy Reflective Pavement Marking	9.40	
		Note: Handicap, railroad, diamond, arrows, etc.		
		For 20 Mil Thickness, Add	*0.99*	
32 17 23 13-0019		**Painted Reflective Pavement Marking** *(32 17 23 13-0001)*		
		Note: 15 mil thickness.		
32 17 23 13-0020	LF	Single 4" Wide Solid Line, Painted Reflective Pavement Striping	0.38	
		For Up To 5,000 LF, Add	*0.08*	
		For >25,000 LF, Deduct	*-0.06*	
		For Broken Line, Deduct	*-0.10*	
32 17 23 13-0021	LF	Single 6" Wide Solid Line, Painted Reflective Pavement Striping	0.50	
		For Up To 5,000 LF, Add	*0.10*	
		For >25,000 LF, Deduct	*-0.08*	
		For Broken Line, Deduct	*-0.14*	
32 17 23 13-0022	LF	Single 8" Wide Solid Line, Painted Reflective Pavement Striping	0.62	
		For Up To 5,000 LF, Add	*0.12*	
		For >25,000 LF, Deduct	*-0.09*	
		For Broken Line, Deduct	*-0.17*	
32 17 23 13-0023	LF	Single 12" Wide Solid Line, Painted Reflective Pavement Striping	0.86	
		For Up To 5,000 LF, Add	*0.17*	
		For >25,000 LF, Deduct	*-0.13*	
		For Broken Line, Deduct	*-0.26*	
32 17 23 13-0024	LF	Double 4" Wide Solid Lines, Painted Reflective Pavement Striping	0.58	
		For Up To 5,000 LF, Add	*0.12*	
		For >25,000 LF, Deduct	*-0.09*	
		For Broken Line On One Side, Deduct	*-0.09*	
		For Double Broken Line, Deduct	*-0.18*	
32 17 23 13-0025	LF	Double 6" Wide Solid Lines, Painted Reflective Pavement Striping	0.87	
		For Up To 5,000 LF, Add	*0.17*	
		For >25,000 LF, Deduct	*-0.13*	
		For Broken Line On One Side, Deduct	*-0.14*	
		For Double Broken Line, Deduct	*-0.27*	
32 17 23 13-0026	SF	Solid Area, Painted Reflective Pavement Striping	5.81	
		Note: Use this task for: lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.		
32 17 23 13-0027	EA	6" High, Letter/Number, Painted Reflective Pavement Marking	4.22	
		For <10, Add	*0.56*	
		For >50 To 100, Deduct	*-0.28*	
		For >100 To 200, Deduct	*-0.37*	
		For >200, Deduct	*-0.75*	
32 17 23 13-0028	EA	12" High, Letter/Number, Painted Reflective Pavement Marking	7.42	
		For <10, Add	*0.85*	
		For >50 To 100, Deduct	*-0.42*	
		For >100 To 200, Deduct	*-0.57*	
		For >200, Deduct	*-1.13*	
32 17 23 13-0029	EA	24" High, Letter/Number, Painted Reflective Pavement Marking	12.49	
		For <10, Add	*1.41*	
		For >50 To 100, Deduct	*-0.70*	
		For >100 To 200, Deduct	*-0.94*	
		For >200, Deduct	*-1.88*	
32 17 23 13-0030	EA	36" High, Letter/Number, Painted Reflective Pavement Marking	24.21	
		For <10, Add	*2.81*	
		For >50 To 100, Deduct	*-1.41*	
		For >100 To 200, Deduct	*-1.88*	
		For >200, Deduct	*-3.75*	
32 17 23 13-0031	EA	48" High, Letter/Number, Painted Reflective Pavement Marking	28.13	
		For <10, Add	*3.15*	
		For >50 To 100, Deduct	*-1.58*	
		For >100 To 200, Deduct	*-2.10*	
		For >200, Deduct	*-4.21*	
32 17 23 13-0032	EA	72" High, Letter/Number, Painted Reflective Pavement Marking	50.38	
		For <10, Add	*5.61*	
		For >50 To 100, Deduct	*-2.81*	
		For >100 To 200, Deduct	*-3.74*	
		For >200, Deduct	*-7.48*	
32 17 23 13-0033	EA	96" High, Letter/Number, Painted Reflective Pavement Marking	67.30	
		For <10, Add	*7.54*	
		For >50 To 100, Deduct	*-3.77*	
		For >100 To 200, Deduct	*-5.02*	
		For >200, Deduct	*-10.05*	
32 17 23 13-0034	EA	120" High, Letter/Number, Painted Reflective Pavement Marking	100.33	
		For <10, Add	*9.34*	
		For >50 To 100, Deduct	*-4.67*	
		For >100 To 200, Deduct	*-6.23*	
		For >200, Deduct	*-12.45*	
32 17 23 13-0035	SF	Letter/Number, Painted Reflective Pavement Marking	6.88	
		Note: Includes solvent based and latex paints.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0036	SF	Symbols, Painted Reflective Pavement Marking Note: Handicap, railroad, diamond, arrows, etc. Includes solvent based and latex paints.	8.14	
32 17 23 13-0037		**Painted and/or Raised Reflective Pavement Marking (CALTRANS)** *(32 17 23 13-0001)* Note: 20 to 25 mil thickness, per LF of detail for painted.		
32 17 23 13-0038	LF	CALTRANS Detail 1 Centerline, Painted Reflective Pavement Striping	0.29	
		For Up To 5,000 LF, Add	*0.06*	
		For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0039	LF	CALTRANS Detail 2 Centerline, Painted Reflective Pavement Striping	0.48	
		For Up To 5,000 LF, Add	*0.10*	
		For >25,000 LF, Deduct	*-0.07*	
32 17 23 13-0040	LF	CALTRANS Detail 4 Centerline	1.13	
		For Up To 5,000 LF, Add	*0.23*	
		For >25,000 LF, Deduct	*-0.17*	
32 17 23 13-0041	LF	CALTRANS Detail 5 Centerline, Painted Reflective Pavement Striping	0.29	
		For Up To 5,000 LF, Add	*0.06*	
		For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0042	LF	CALTRANS Detail 6 Centerline, Painted Reflective Pavement Striping	0.50	
		For Up To 5,000 LF, Add	*0.10*	
		For >25,000 LF, Deduct	*-0.08*	
32 17 23 13-0043	LF	CALTRANS Detail 7 Centerline	0.82	
		For Up To 5,000 LF, Add	*0.16*	
		For >25,000 LF, Deduct	*-0.12*	
32 17 23 13-0044	LF	CALTRANS Detail 8 Lanelines, Painted Reflective Pavement Striping	0.29	
		For Up To 5,000 LF, Add	*0.06*	
		For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0045	LF	CALTRANS Detail 9 Lanelines, Painted Reflective Pavement Striping	0.48	
		For Up To 5,000 LF, Add	*0.10*	
		For >25,000 LF, Deduct	*-0.07*	
32 17 23 13-0046	LF	CALTRANS Detail 10 Lanelines	1.13	
		For Up To 5,000 LF, Add	*0.23*	
		For >25,000 LF, Deduct	*-0.17*	
32 17 23 13-0047	LF	CALTRANS Detail 11 Lanelines, Painted Reflective Pavement Striping	0.29	
		For Up To 5,000 LF, Add	*0.06*	
		For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0048	LF	CALTRANS Detail 12 Lanelines, Painted Reflective Pavement Striping	0.48	
		For Up To 5,000 LF, Add	*0.10*	
		For >25,000 LF, Deduct	*-0.07*	
32 17 23 13-0049	LF	CALTRANS Detail 13 Lanelines	0.82	
		For Up To 5,000 LF, Add	*0.16*	
		For >25,000 LF, Deduct	*-0.12*	
32 17 23 13-0050	LF	CALTRANS Detail 14 Lanelines	0.82	
		For Up To 5,000 LF, Add	*0.16*	
		For >25,000 LF, Deduct	*-0.12*	
32 17 23 13-0051	LF	CALTRANS Detail 14A Lanelines, Painted Reflective Pavement Striping	0.48	
		For Up To 5,000 LF, Add	*0.10*	
		For >25,000 LF, Deduct	*-0.07*	
32 17 23 13-0052	LF	CALTRANS Detail 15 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.43	
		For Up To 5,000 LF, Add	*0.09*	
		For >25,000 LF, Deduct	*-0.06*	
		For Broken Line On One Side, Deduct	*-0.07*	
		For Double Broken Line, Deduct	*-0.14*	
32 17 23 13-0053	LF	CALTRANS Detail 16 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	1.19	
		For Up To 5,000 LF, Add	*0.24*	
		For >25,000 LF, Deduct	*-0.18*	
32 17 23 13-0054	LF	CALTRANS Detail 17 No Passing Zones-One Direction Lanelines	3.27	
		For Up To 5,000 LF, Add	*0.65*	
		For >25,000 LF, Deduct	*-0.49*	
32 17 23 13-0055	LF	CALTRANS Detail 18 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.43	
		For Up To 5,000 LF, Add	*0.09*	
		For >25,000 LF, Deduct	*-0.06*	
		For Broken Line On One Side, Deduct	*-0.07*	
		For Double Broken Line, Deduct	*-0.14*	
32 17 23 13-0056	LF	CALTRANS Detail 19 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.99	
		For Up To 5,000 LF, Add	*0.20*	
		For >25,000 LF, Deduct	*-0.15*	
32 17 23 13-0057	LF	CALTRANS Detail 20 No Passing Zones-One Direction Lanelines	2.77	
		For Up To 5,000 LF, Add	*0.55*	
		For >25,000 LF, Deduct	*-0.42*	
32 17 23 13-0058	LF	CALTRANS Detail 21 No Passing Zones-Two Direction Lanelines, Painted Reflective Pavement Striping	0.53	
		For Up To 5,000 LF, Add	*0.11*	
		For >25,000 LF, Deduct	*-0.08*	
		For Broken Line On One Side, Deduct	*-0.11*	
		For Double Broken Line, Deduct	*-0.21*	
32 17 23 13-0059	LF	CALTRANS Detail 22 No Passing Zones-Two Direction Lanelines, Painted Reflective Pavement Striping	1.29	
		For Up To 5,000 LF, Add	*0.26*	
		For >25,000 LF, Deduct	*-0.19*	
32 17 23 13-0060	LF	CALTRANS Detail 23 No Passing Zones-Two Direction Lanelines	3.89	
		For Up To 5,000 LF, Add	*0.78*	
		For >25,000 LF, Deduct	*-0.58*	
32 17 23 13-0061	LF	CALTRANS Detail 24 Left Edgelines, Painted Reflective Pavement Striping	0.39	
		For Up To 5,000 LF, Add	*0.08*	
		For >25,000 LF, Deduct	*-0.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0062	LF	CALTRANS Detail 25 Left Edgelines, Painted Reflective Pavement Striping	0.58	
		For Up To 5,000 LF, Add	*0.12*	
		For >25,000 LF, Deduct	*-0.09*	
32 17 23 13-0063	LF	CALTRANS Detail 25A Left Edgelines, Painted Reflective Pavement Striping	0.78	
		For Up To 5,000 LF, Add	*0.16*	
		For >25,000 LF, Deduct	*-0.12*	
32 17 23 13-0064	LF	CALTRANS Detail 26 Left Edgelines	0.19	
		For Up To 5,000 LF, Add	*0.04*	
		For >25,000 LF, Deduct	*-0.03*	
32 17 23 13-0065	LF	CALTRANS Detail 27 Left Edgelines, Painted Reflective Pavement Striping	0.72	
		For Up To 5,000 LF, Add	*0.14*	
		For >25,000 LF, Deduct	*-0.11*	
32 17 23 13-0066	LF	CALTRANS Detail 27B Right Edgelines, Painted Reflective Pavement Striping	0.39	
		For Up To 5,000 LF, Add	*0.08*	
		For >25,000 LF, Deduct	*-0.06*	
32 17 23 13-0067	LF	CALTRANS Detail 27C Right Edgeline Extension Through Intersections, Painted Reflective Pavement Striping	0.28	
		For Up To 5,000 LF, Add	*0.06*	
		For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0068	LF	CALTRANS Detail 28 Median Islands, Painted Reflective Pavement Striping	1.07	
		For Up To 5,000 LF, Add	*0.21*	
		For >25,000 LF, Deduct	*-0.16*	
		For Broken Line On One Side, Deduct	*-0.21*	
		For Double Broken Line, Deduct	*-0.42*	
32 17 23 13-0069	LF	CALTRANS Detail 29 Median Islands, Painted Reflective Pavement Striping	1.82	
		For Up To 5,000 LF, Add	*0.36*	
		For >25,000 LF, Deduct	*-0.27*	
32 17 23 13-0070	LF	CALTRANS Detail 30 Median Islands	7.81	
		For Up To 5,000 LF, Add	*1.56*	
		For >25,000 LF, Deduct	*-1.17*	
32 17 23 13-0071	LF	CALTRANS Detail 31 Two-Way Left Turn Lanes, Painted Reflective Pavement Striping	0.86	
		For Up To 5,000 LF, Add	*0.17*	
		For >25,000 LF, Deduct	*-0.13*	
		For Broken Line On One Side, Deduct	*-0.13*	
		For Double Broken Line, Deduct	*-0.26*	
32 17 23 13-0072	LF	CALTRANS Detail 32 Two-Way Left Turn Lanes, Painted Reflective Pavement Striping	1.80	
		For Up To 5,000 LF, Add	*0.36*	
		For >25,000 LF, Deduct	*-0.27*	
32 17 23 13-0073	LF	CALTRANS Detail 33 Two-Way Left Turn Lanes	5.35	
		For Up To 5,000 LF, Add	*1.07*	
		For >25,000 LF, Deduct	*-0.80*	
32 17 23 13-0074	LF	CALTRANS Detail 34 Intersection Treatments, Painted Reflective Pavement Striping	0.99	
		For Up To 5,000 LF, Add	*0.20*	
		For >25,000 LF, Deduct	*-0.15*	
32 17 23 13-0075	LF	CALTRANS Detail 34A Intersection Treatments, Painted Reflective Pavement Striping	0.43	
		For Up To 5,000 LF, Add	*0.09*	
		For >25,000 LF, Deduct	*-0.06*	
32 17 23 13-0076	LF	CALTRANS Detail 35 Intersection Treatments, Painted Reflective Pavement Striping	1.20	
		For Up To 5,000 LF, Add	*0.24*	
		For >25,000 LF, Deduct	*-0.18*	
32 17 23 13-0077	LF	CALTRANS Detail 35A Intersection Treatments, Painted Reflective Pavement Striping	0.43	
		For Up To 5,000 LF, Add	*0.09*	
		For >25,000 LF, Deduct	*-0.06*	
32 17 23 13-0078	LF	CALTRANS Detail 36 Exit Ramp Neutral Area (Gore) Treatment, Painted Reflective Pavement Striping	2.02	
		For Up To 5,000 LF, Add	*0.40*	
		For >25,000 LF, Deduct	*-0.30*	
32 17 23 13-0079	LF	CALTRANS Detail 36A Entrance Ramp Neutral Area (Merge) Treatment, Painted Reflective Pavement Striping	1.26	
		For Up To 5,000 LF, Add	*0.25*	
		For >25,000 LF, Deduct	*-0.19*	
32 17 23 13-0080	LF	CALTRANS Detail 36B Entrance Ramp Neutral Area (Acceleration Lane) Treatment, Painted Reflective Pavement Striping	1.38	
		For Up To 5,000 LF, Add	*0.28*	
		For >25,000 LF, Deduct	*-0.21*	
32 17 23 13-0081	LF	CALTRANS Detail 37 Lane Drop At Exit Ramps, Painted Reflective Pavement Striping	1.20	
		For Up To 5,000 LF, Add	*0.24*	
		For >25,000 LF, Deduct	*-0.18*	
32 17 23 13-0082	LF	CALTRANS Detail 37A Lane Drop At Exit Ramps	2.62	
		For Up To 5,000 LF, Add	*0.52*	
		For >25,000 LF, Deduct	*-0.39*	
32 17 23 13-0083	LF	CALTRANS Detail 37B Lane Drop At Intersections, Painted Reflective Pavement Striping	1.20	
		For Up To 5,000 LF, Add	*0.24*	
		For >25,000 LF, Deduct	*-0.18*	
32 17 23 13-0084	LF	CALTRANS Detail 37C Lane Drop At Intersections	2.62	
		For Up To 5,000 LF, Add	*0.52*	
		For >25,000 LF, Deduct	*-0.39*	
32 17 23 13-0085	LF	CALTRANS Detail 38 Channelizing Line, Painted Reflective Pavement Striping	1.16	
		For Up To 5,000 LF, Add	*0.23*	
		For >25,000 LF, Deduct	*-0.17*	
32 17 23 13-0086	LF	CALTRANS Detail 38A Channelizing Line, Painted Reflective Pavement Striping	0.79	
		For Up To 5,000 LF, Add	*0.16*	
		For >25,000 LF, Deduct	*-0.12*	
32 17 23 13-0087	LF	CALTRANS Detail 38B Channelizing Line, Painted Reflective Pavement Striping	1.54	
		For Up To 5,000 LF, Add	*0.31*	
		For >25,000 LF, Deduct	*-0.23*	
32 17 23 13-0088	LF	CALTRANS Detail 38C Channelizing Line	3.89	
		For Up To 5,000 LF, Add	*0.78*	
		For >25,000 LF, Deduct	*-0.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0089	LF	CALTRANS Detail 39 Bike Lane Line, Painted Reflective Pavement Striping	0.49	
		For Up To 5,000 LF, Add	*0.10*	
		For >25,000 LF, Deduct	*-0.07*	
32 17 23 13-0090	LF	CALTRANS Detail 39A Intersection Line Bike Lane, Painted Reflective Pavement Striping	0.37	
		For Up To 5,000 LF, Add	*0.07*	
		For >25,000 LF, Deduct	*-0.06*	
32 17 23 13-0091	LF	CALTRANS Detail 40 Lane Line Extensions Through Intersections, Painted Reflective Pavement Striping	0.27	
		For Up To 5,000 LF, Add	*0.05*	
		For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0092	LF	CALTRANS Detail 40A Lane Line Extensions Through Intersections	1.89	
		For Up To 5,000 LF, Add	*0.38*	
		For >25,000 LF, Deduct	*-0.28*	
32 17 23 13-0093	LF	CALTRANS Detail 41 Center Line Extensions Through Intersections, Painted Reflective Pavement Striping	0.27	
		For Up To 5,000 LF, Add	*0.05*	
		For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0094	LF	CALTRANS Detail 41A Center Line Extensions Through Intersections	1.89	
		For Up To 5,000 LF, Add	*0.38*	
		For >25,000 LF, Deduct	*-0.28*	
32 17 23 13-0095	EA	CALTRANS 10' Arrow, Type I, Painted Reflective Pavement Marking	109.10	
		For <10, Add	*13.65*	
		For >50 To 100, Deduct	*-6.83*	
		For >100 To 200, Deduct	*-9.10*	
		For >200, Deduct	*-18.20*	
32 17 23 13-0096	EA	CALTRANS 18' Arrow, Type I, Painted Reflective Pavement Marking	191.59	
		For <10, Add	*23.89*	
		For >50 To 100, Deduct	*-11.95*	
		For >100 To 200, Deduct	*-15.93*	
		For >200, Deduct	*-31.86*	
32 17 23 13-0097	EA	CALTRANS 24' Arrow, Type I, Painted Reflective Pavement Marking	240.30	
		For <10, Add	*30.04*	
		For >50 To 100, Deduct	*-15.02*	
		For >100 To 200, Deduct	*-20.02*	
		For >200, Deduct	*-40.05*	
32 17 23 13-0098	EA	CALTRANS 24' Arrow With Single (L or R) Turn Arrow, Type II, Painted Reflective Pavement Marking	349.41	
		For <10, Add	*43.69*	
		For >50 To 100, Deduct	*-21.84*	
		For >100 To 200, Deduct	*-29.13*	
		For >200, Deduct	*-58.25*	
32 17 23 13-0099	EA	CALTRANS 24' Arrow With Both (L and R) Turn Arrows, Type II, Painted Reflective Pavement Marking	458.52	
		For <10, Add	*57.34*	
		For >50 To 100, Deduct	*-28.67*	
		For >100 To 200, Deduct	*-38.23*	
		For >200, Deduct	*-76.46*	
32 17 23 13-0100	EA	CALTRANS 24' Arrow Single (L or R) Turn Arrow, Type III, Painted Reflective Pavement Marking	322.77	
		For <10, Add	*40.28*	
		For >50 To 100, Deduct	*-20.14*	
		For >100 To 200, Deduct	*-26.85*	
		For >200, Deduct	*-53.70*	
32 17 23 13-0101	EA	CALTRANS 24' Arrow Both (L and R) Turn Arrows, Type III, Painted Reflective Pavement Marking	563.07	
		For <10, Add	*70.31*	
		For >50 To 100, Deduct	*-35.16*	
		For >100 To 200, Deduct	*-46.87*	
		For >200, Deduct	*-93.75*	
32 17 23 13-0102	EA	CALTRANS 8' Turn Arrow (L or R), Type IV, Painted Reflective Pavement Marking	114.95	
		For <10, Add	*14.34*	
		For >50 To 100, Deduct	*-7.17*	
		For >100 To 200, Deduct	*-9.56*	
		For >200, Deduct	*-19.11*	
32 17 23 13-0103	EA	CALTRANS 24' Arrow, Type V, Painted Reflective Pavement Marking	251.98	
		For <10, Add	*31.40*	
		For >50 To 100, Deduct	*-15.70*	
		For >100 To 200, Deduct	*-20.93*	
		For >200, Deduct	*-41.87*	
32 17 23 13-0104	EA	CALTRANS 18' Arrow, Type VI, Painted Reflective Pavement Marking	322.77	
		For <10, Add	*40.28*	
		For >50 To 100, Deduct	*-20.14*	
		For >100 To 200, Deduct	*-26.85*	
		For >200, Deduct	*-53.70*	
32 17 23 13-0105	EA	CALTRANS 13' Arrow With Single (L or R) Turn Arrow, Type VII, Painted Reflective Pavement Marking	208.13	
		For <10, Add	*25.94*	
		For >50 To 100, Deduct	*-12.97*	
		For >100 To 200, Deduct	*-17.29*	
		For >200, Deduct	*-34.59*	
32 17 23 13-0106	EA	CALTRANS 15' Arrow With Both (L and R) Turn Arrows, Type VIII, Painted Reflective Pavement Marking	274.07	
		For <10, Add	*34.13*	
		For >50 To 100, Deduct	*-17.07*	
		For >100 To 200, Deduct	*-22.76*	
		For >200, Deduct	*-45.51*	
32 17 23 13-0107	EA	CALTRANS 5' Arrow, Bike Lane, Painted Reflective Pavement Marking	54.56	
		For <10, Add	*6.83*	
		For >50 To 100, Deduct	*-3.41*	
		For >100 To 200, Deduct	*-4.55*	
		For >200, Deduct	*-9.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0108	EA	CALTRANS Railroad Crossing Symbol, Painted Reflective Pavement Marking Note: Excludes variable width transverse lines.	522.80	
		For <10, Add	*64.85*	
		For >50 To 100, Deduct	*-32.43*	
		For >100 To 200, Deduct	*-43.23*	
		For >200, Deduct	*-86.47*	
32 17 23 13-0109	SF	CALTRANS Solid Area, Painted Reflective Pavement Marking	6.85	
32 17 23 13-0110	EA	CALTRANS Bike Lane Symbol Without Person, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	53.11	
		For <10, Add	*4.91*	
		For >50 To 100, Deduct	*-2.46*	
		For >100 To 200, Deduct	*-3.28*	
		For >200, Deduct	*-6.55*	
32 17 23 13-0111	EA	CALTRANS Bike Lane Symbol With Person, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	56.25	
		For <10, Add	*5.19*	
		For >50 To 100, Deduct	*-2.59*	
		For >100 To 200, Deduct	*-3.46*	
		For >200, Deduct	*-6.92*	
32 17 23 13-0112	EA	CALTRANS Diamond Symbol, Painted Reflective Pavement Marking	87.03	
		For <10, Add	*10.92*	
		For >50 To 100, Deduct	*-5.46*	
		For >100 To 200, Deduct	*-7.28*	
		For >200, Deduct	*-14.56*	
32 17 23 13-0113	EA	CALTRANS International Symbol Of Accessibility (ISA) Marking, Painted Reflective Pavement Marking	177.17	
		For <10, Add	*22.12*	
		For >50 To 100, Deduct	*-11.06*	
		For >100 To 200, Deduct	*-14.75*	
		For >200, Deduct	*-29.49*	
32 17 23 13-0114	EA	CALTRANS Bike Loop Detector Symbol, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	37.05	
		For <10, Add	*5.19*	
		For >50 To 100, Deduct	*-2.59*	
		For >100 To 200, Deduct	*-3.46*	
		For >200, Deduct	*-6.92*	
32 17 23 13-0115	SF	CALTRANS Letter/Number, Painted Reflective Pavement Marking	6.94	
32 17 23 13-0116	SF	CALTRANS Symbols, Painted Reflective Pavement Marking Note: Handicap, railroad, diamond, arrows, etc.	7.66	

32 17 23 13-0117 Painted Thermoplastic Reflective Pavement Marking *(32 17 23 13-0001)*

Note: 40 mil thickness.

32 17 23 13-0118	LF	Single 4" Wide Solid Line, 40 Mil Thick, Painted Thermoplastic Reflective Pavement Striping	0.98	
		For Up To 5,000 LF, Add	*0.20*	
		For >25,000 LF, Deduct	*-0.15*	
		For Broken Line, Deduct	*-0.55*	
		For 30 mils Thick, Deduct	*-0.18*	
		For 45 mils Thick, Add	*0.09*	
		For Enhanced Wet-Night Visibility, Add	*0.06*	
32 17 23 13-0119	LF	Single 6" Wide Solid Line, 40 Mil Thick, Painted Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	1.37	
		For Up To 5,000 LF, Add	*0.27*	
		For >25,000 LF, Deduct	*-0.21*	
		For Broken Line, Deduct	*-0.80*	
		For 30 mils Thick, Deduct	*-0.27*	
		For 45 mils Thick, Add	*0.13*	
		For Enhanced Wet-Night Visibility, Add	*0.09*	
32 17 23 13-0120	LF	Single 8" Wide Solid Line, 40 Mil Thick, Painted Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	1.85	
		For Up To 5,000 LF, Add	*0.37*	
		For >25,000 LF, Deduct	*-0.28*	
		For Broken Line, Deduct	*-1.10*	
		For 30 mils Thick, Deduct	*-0.37*	
		For 45 mils Thick, Add	*0.18*	
		For Enhanced Wet-Night Visibility, Add	*0.12*	
32 17 23 13-0121	LF	Single 12" Wide Solid Line, 40 Mil Thick, Painted Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	2.69	
		For Up To 5,000 LF, Add	*0.54*	
		For >25,000 LF, Deduct	*-0.40*	
		For Broken Line, Deduct	*-1.64*	
		For 30 mils Thick, Deduct	*-0.55*	
		For 45 mils Thick, Add	*0.27*	
		For Enhanced Wet-Night Visibility, Add	*0.18*	
32 17 23 13-0122	LF	Double 4" Wide Solid Lines, 40 Mil Thick, Painted Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	1.80	
		For Up To 5,000 LF, Add	*0.36*	
		For >25,000 LF, Deduct	*-0.27*	
		For Broken Line On One Side, Deduct	*-0.55*	
		For Double Broken Line, Deduct	*-1.10*	
		For 30 mils Thick, Deduct	*-0.37*	
		For 45 mils Thick, Add	*0.18*	
		For Enhanced Wet-Night Visibility, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0123	LF	Double 6" Wide Solid Lines, 40 Mil Thick, Painted Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	2.69	
		For Up To 5,000 LF, Add	*0.54*	
		For >25,000 LF, Deduct	*-0.40*	
		For Broken Line On One Side, Deduct	*-0.82*	
		For Double Broken Line, Deduct	*-1.64*	
		For 30 mils Thick, Deduct	*-0.55*	
		For 45 mils Thick, Add	*0.27*	
		For Enhanced Wet-Night Visibility, Add	*0.18*	
32 17 23 13-0124	SF	Solid Area, 40 Mil Thick, Painted Thermoplastic Reflective Pavement Marking Note: Includes yellow or white.	7.64	
		For 30 mils Thick, Deduct	*-0.55*	
		For 45 mils Thick, Add	*0.27*	
		For Enhanced Wet-Night Visibility, Add	*0.18*	
32 17 23 13-0125	EA	6" High, Letter/Number, 40 Mil Thick, Painted Thermoplastic Reflective Pavement Marking	4.95	
		For Up To 10, Add	*0.56*	
		For >50 To 100, Deduct	*-0.28*	
		For >100 To 200, Deduct	*-0.37*	
		For >200, Deduct	*-0.75*	
		For 30 mils Thick, Deduct	*-0.31*	
		For 45 mils Thick, Add	*0.15*	
		For Enhanced Wet-Night Visibility, Add	*0.10*	
32 17 23 13-0126	EA	12" High, Letter/Number, 40 Mil Thick, Painted Thermoplastic Reflective Pavement Marking	10.06	
		For Up To 10, Add	*0.85*	
		For >50 To 100, Deduct	*-0.42*	
		For >100 To 200, Deduct	*-0.57*	
		For >200, Deduct	*-1.13*	
		For 30 mils Thick, Deduct	*-1.10*	
		For 45 mils Thick, Add	*0.55*	
		For Enhanced Wet-Night Visibility, Add	*0.36*	
32 17 23 13-0127	EA	24" High, Letter/Number, 40 Mil Thick, Painted Thermoplastic Reflective Pavement Marking	17.10	
		For Up To 10, Add	*1.41*	
		For >50 To 100, Deduct	*-0.70*	
		For >100 To 200, Deduct	*-0.94*	
		For >200, Deduct	*-1.88*	
		For 30 mils Thick, Deduct	*-1.93*	
		For 45 mils Thick, Add	*0.97*	
		For Enhanced Wet-Night Visibility, Add	*0.64*	
32 17 23 13-0128	EA	36" High, Letter/Number, 40 Mil Thick, Painted Thermoplastic Reflective Pavement Marking	32.32	
		For Up To 10, Add	*2.81*	
		For >50 To 100, Deduct	*-1.41*	
		For >100 To 200, Deduct	*-1.88*	
		For >200, Deduct	*-3.75*	
		For 30 mils Thick, Deduct	*-3.39*	
		For 45 mils Thick, Add	*1.70*	
		For Enhanced Wet-Night Visibility, Add	*1.12*	
32 17 23 13-0129	EA	48" High, Letter/Number, 40 Mil Thick, Painted Thermoplastic Reflective Pavement Marking	38.67	
		For Up To 10, Add	*3.15*	
		For >50 To 100, Deduct	*-1.58*	
		For >100 To 200, Deduct	*-2.10*	
		For >200, Deduct	*-4.21*	
		For 30 mils Thick, Deduct	*-4.41*	
		For 45 mils Thick, Add	*2.21*	
		For Enhanced Wet-Night Visibility, Add	*1.46*	
32 17 23 13-0130	EA	72" High, Letter/Number, 40 Mil Thick, Painted Thermoplastic Reflective Pavement Marking	69.64	
		For Up To 10, Add	*5.61*	
		For >50 To 100, Deduct	*-2.81*	
		For >100 To 200, Deduct	*-3.74*	
		For >200, Deduct	*-7.48*	
		For 30 mils Thick, Deduct	*-8.06*	
		For 45 mils Thick, Add	*4.03*	
		For Enhanced Wet-Night Visibility, Add	*2.66*	
32 17 23 13-0131	EA	96" High, Letter/Number, 40 Mil Thick, Painted Thermoplastic Reflective Pavement Marking	92.64	
		For Up To 10, Add	*7.54*	
		For >50 To 100, Deduct	*-3.77*	
		For >100 To 200, Deduct	*-5.02*	
		For >200, Deduct	*-10.05*	
		For 30 mils Thick, Deduct	*-10.60*	
		For 45 mils Thick, Add	*5.30*	
		For Enhanced Wet-Night Visibility, Add	*3.50*	
32 17 23 13-0132	EA	120" High, Letter/Number, 40 Mil Thick, Painted Thermoplastic Reflective Pavement Marking	156.89	
		For Up To 10, Add	*9.34*	
		For >50 To 100, Deduct	*-4.67*	
		For >100 To 200, Deduct	*-6.23*	
		For >200, Deduct	*-12.45*	
		For 30 mils Thick, Deduct	*-23.66*	
		For 45 mils Thick, Add	*11.83*	
		For Enhanced Wet-Night Visibility, Add	*7.81*	
32 17 23 13-0133	SF	Letter/Number, 40 Mil Thick, Painted Thermoplastic Reflective Pavement Marking	8.70	
		For 30 mils Thick, Deduct	*-0.76*	
		For 45 mils Thick, Add	*0.38*	
		For Enhanced Wet-Night Visibility, Add	*0.25*	
32 17 23 13-0134	SF	Symbols, 40 Mil Thick, Painted Thermoplastic Reflective Pavement Marking Note: Handicap, railroad, diamond, arrows, etc.	10.60	
		For 30 mils Thick, Deduct	*-0.76*	
		For 45 mils Thick, Add	*0.38*	
		For Enhanced Wet-Night Visibility, Add	*0.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0135		Painted Thermoplastic Reflective Pavement Marking (CALTRANS) *(32 17 23 13-0001)*		
		Note: 40 mil thickness.		
32 17 23 13-0136	LF	CALTRANS Detail 1 Centerline, Painted Thermoplastic Reflective Pavement Striping	0.40	
		For Up To 5,000 LF, Add	*0.08*	
		For >25,000 LF, Deduct	*-0.06*	
32 17 23 13-0137	LF	CALTRANS Detail 2 Centerline, Painted Thermoplastic Reflective Pavement Striping	0.59	
		For Up To 5,000 LF, Add	*0.12*	
		For >25,000 LF, Deduct	*-0.09*	
32 17 23 13-0138	LF	CALTRANS Detail 5 Centerline, Painted Thermoplastic Reflective Pavement Striping	0.38	
		For Up To 5,000 LF, Add	*0.08*	
		For >25,000 LF, Deduct	*-0.06*	
32 17 23 13-0139	LF	CALTRANS Detail 6 Centerline, Painted Thermoplastic Reflective Pavement Striping	0.57	
		For Up To 5,000 LF, Add	*0.11*	
		For >25,000 LF, Deduct	*-0.09*	
32 17 23 13-0140	LF	CALTRANS Detail 8 Lanelines, Painted Thermoplastic Reflective Pavement Striping	0.40	
		For Up To 5,000 LF, Add	*0.08*	
		For >25,000 LF, Deduct	*-0.06*	
32 17 23 13-0141	LF	CALTRANS Detail 9 Lanelines, Painted Thermoplastic Reflective Pavement Striping	0.59	
		For Up To 5,000 LF, Add	*0.12*	
		For >25,000 LF, Deduct	*-0.09*	
32 17 23 13-0142	LF	CALTRANS Detail 11 Lanelines, Painted Thermoplastic Reflective Pavement Striping	0.38	
		For Up To 5,000 LF, Add	*0.08*	
		For >25,000 LF, Deduct	*-0.06*	
32 17 23 13-0143	LF	CALTRANS Detail 12 Lanelines, Painted Thermoplastic Reflective Pavement Striping	0.57	
		For Up To 5,000 LF, Add	*0.11*	
		For >25,000 LF, Deduct	*-0.09*	
32 17 23 13-0144	LF	CALTRANS Detail 14A Lanelines, Painted Thermoplastic Reflective Pavement Striping	0.57	
		For Up To 5,000 LF, Add	*0.11*	
		For >25,000 LF, Deduct	*-0.09*	
32 17 23 13-0145	LF	CALTRANS Detail 15 No Passing Zones-One Direction Lanelines, Painted Thermoplastic Reflective Pavement Striping	0.92	
		For Up To 5,000 LF, Add	*0.18*	
		For >25,000 LF, Deduct	*-0.14*	
		For Broken Line On One Side, Deduct	*-0.25*	
		For Double Broken Line, Deduct	*-0.50*	
32 17 23 13-0146	LF	CALTRANS Detail 16 No Passing Zones-One Direction Lanelines, Painted Thermoplastic Reflective Pavement Striping	1.68	
		For Up To 5,000 LF, Add	*0.34*	
		For >25,000 LF, Deduct	*-0.25*	
32 17 23 13-0147	LF	CALTRANS Detail 18 No Passing Zones-One Direction Lanelines, Painted Thermoplastic Reflective Pavement Striping	0.90	
		For Up To 5,000 LF, Add	*0.18*	
		For >25,000 LF, Deduct	*-0.14*	
		For Broken Line On One Side, Deduct	*-0.24*	
		For Double Broken Line, Deduct	*-0.49*	
32 17 23 13-0148	LF	CALTRANS Detail 19 No Passing Zones-One Direction Lanelines, Painted Thermoplastic Reflective Pavement Striping	1.47	
		For Up To 5,000 LF, Add	*0.29*	
		For >25,000 LF, Deduct	*-0.22*	
32 17 23 13-0149	LF	CALTRANS Detail 21 No Passing Zones-Two Direction Lanelines, Painted Thermoplastic Reflective Pavement Striping	1.29	
		For Up To 5,000 LF, Add	*0.26*	
		For >25,000 LF, Deduct	*-0.19*	
		For Broken Line On One Side, Deduct	*-0.39*	
		For Double Broken Line, Deduct	*-0.78*	
32 17 23 13-0150	LF	CALTRANS Detail 22 No Passing Zones-Two Direction Lanelines, Painted Thermoplastic Reflective Pavement Striping	2.05	
		For Up To 5,000 LF, Add	*0.41*	
		For >25,000 LF, Deduct	*-0.31*	
32 17 23 13-0151	LF	CALTRANS Detail 24 Left Edgelines, Painted Thermoplastic Reflective Pavement Striping	0.77	
		For Up To 5,000 LF, Add	*0.15*	
		For >25,000 LF, Deduct	*-0.12*	
32 17 23 13-0152	LF	CALTRANS Detail 25 Left Edgelines, Painted Thermoplastic Reflective Pavement Striping	0.96	
		For Up To 5,000 LF, Add	*0.19*	
		For >25,000 LF, Deduct	*-0.14*	
32 17 23 13-0153	LF	CALTRANS Detail 25A Left Edgelines, Painted Thermoplastic Reflective Pavement Striping	1.16	
		For Up To 5,000 LF, Add	*0.23*	
		For >25,000 LF, Deduct	*-0.17*	
32 17 23 13-0154	LF	CALTRANS Detail 27 Left Edgelines, Painted Thermoplastic Reflective Pavement Striping	1.49	
		For Up To 5,000 LF, Add	*0.30*	
		For >25,000 LF, Deduct	*-0.22*	
32 17 23 13-0155	LF	CALTRANS Detail 27B Right Edgelines, Painted Thermoplastic Reflective Pavement Striping	0.77	
		For Up To 5,000 LF, Add	*0.15*	
		For >25,000 LF, Deduct	*-0.12*	
32 17 23 13-0156	LF	CALTRANS Detail 27C Right Edgeline Extension Through Intersections, Painted Thermoplastic Reflective Pavement Striping	0.35	
		For Up To 5,000 LF, Add	*0.07*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0157	LF	CALTRANS Detail 28 Median Islands, Painted Thermoplastic Reflective Pavement Striping	0.86	
		For Up To 5,000 LF, Add	*0.17*	
		For >25,000 LF, Deduct	*-0.13*	
		For Broken Line On One Side, Deduct	*-0.13*	
		For Double Broken Line, Deduct	*-0.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0158	LF	CALTRANS Detail 29 Median Islands, Painted Thermoplastic Reflective Pavement Striping	3.35	
		For Up To 5,000 LF, Add	*0.67*	
		For >25,000 LF, Deduct	*-0.50*	
32 17 23 13-0159	LF	CALTRANS Detail 31 Two-Way Left Turn Lanes, Painted Thermoplastic Reflective Pavement Striping	1.81	
		For Up To 5,000 LF, Add	*0.36*	
		For >25,000 LF, Deduct	*-0.27*	
		For Broken Line On One Side, Deduct	*-0.49*	
		For Double Broken Line, Deduct	*-0.98*	
32 17 23 13-0160	LF	CALTRANS Detail 32 Two-Way Left Turn Lanes, Painted Thermoplastic Reflective Pavement Striping	2.76	
		For Up To 5,000 LF, Add	*0.55*	
		For >25,000 LF, Deduct	*-0.41*	
32 17 23 13-0161	LF	CALTRANS Detail 34 Intersection Treatments, Painted Thermoplastic Reflective Pavement Striping	1.47	
		For Up To 5,000 LF, Add	*0.29*	
		For >25,000 LF, Deduct	*-0.22*	
32 17 23 13-0162	LF	CALTRANS Detail 35 Intersection Treatments, Painted Thermoplastic Reflective Pavement Striping	1.72	
		For Up To 5,000 LF, Add	*0.34*	
		For >25,000 LF, Deduct	*-0.26*	
32 17 23 13-0163	LF	CALTRANS Detail 35A Intersection Treatments, Painted Thermoplastic Reflective Pavement Striping	0.92	
		For Up To 5,000 LF, Add	*0.18*	
		For >25,000 LF, Deduct	*-0.14*	
32 17 23 13-0164	LF	CALTRANS Detail 36 Exit Ramp Neutral Area (Gore) Treatment, Painted Thermoplastic Reflective Pavement Striping	3.54	
		For Up To 5,000 LF, Add	*0.71*	
		For >25,000 LF, Deduct	*-0.53*	
32 17 23 13-0165	LF	CALTRANS Detail 36A Entrance Ramp Neutral Area (Merge) Treatment, Painted Thermoplastic Reflective Pavement Striping	2.03	
		For Up To 5,000 LF, Add	*0.41*	
		For >25,000 LF, Deduct	*-0.30*	
32 17 23 13-0166	LF	CALTRANS Detail 36B Entrance Ramp Neutral Area (Acceleration Lane) Treatment, Painted Thermoplastic Reflective Pavement Striping	2.53	
		For Up To 5,000 LF, Add	*0.51*	
		For >25,000 LF, Deduct	*-0.38*	
32 17 23 13-0167	LF	CALTRANS Detail 37 Lane Drop At Exit Ramps, Painted Thermoplastic Reflective Pavement Striping	1.36	
		For Up To 5,000 LF, Add	*0.27*	
		For >25,000 LF, Deduct	*-0.20*	
32 17 23 13-0168	LF	CALTRANS Detail 37B Lane Drop At Intersections, Painted Thermoplastic Reflective Pavement Striping	1.36	
		For Up To 5,000 LF, Add	*0.27*	
		For >25,000 LF, Deduct	*-0.20*	
32 17 23 13-0169	LF	CALTRANS Detail 38 Channelizing Line, Painted Thermoplastic Reflective Pavement Striping	1.93	
		For Up To 5,000 LF, Add	*0.39*	
		For >25,000 LF, Deduct	*-0.29*	
32 17 23 13-0170	LF	CALTRANS Detail 38A Channelizing Line, Painted Thermoplastic Reflective Pavement Striping	1.55	
		For Up To 5,000 LF, Add	*0.31*	
		For >25,000 LF, Deduct	*-0.23*	
32 17 23 13-0171	LF	CALTRANS Detail 38B Channelizing Line, Painted Thermoplastic Reflective Pavement Striping	2.30	
		For Up To 5,000 LF, Add	*0.46*	
		For >25,000 LF, Deduct	*-0.35*	
32 17 23 13-0172	LF	CALTRANS Detail 39 Bike Lane Line, Painted Thermoplastic Reflective Pavement Striping	1.06	
		For Up To 5,000 LF, Add	*0.21*	
		For >25,000 LF, Deduct	*-0.16*	
32 17 23 13-0173	LF	CALTRANS Detail 39A Intersection Line Bike Lane, Painted Thermoplastic Reflective Pavement Striping	0.56	
		For Up To 5,000 LF, Add	*0.11*	
		For >25,000 LF, Deduct	*-0.08*	
32 17 23 13-0174	LF	CALTRANS Detail 40 Lane Line Extensions Through Intersections, Painted Thermoplastic Reflective Pavement Striping	0.32	
		For Up To 5,000 LF, Add	*0.06*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0175	LF	CALTRANS Detail 41 Center Line Extensions Through Intersections, Painted Thermoplastic Reflective Pavement Striping	0.32	
		For Up To 5,000 LF, Add	*0.06*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0176	EA	CALTRANS 10' Arrow, Type I, Painted Thermoplastic Reflective Pavement Marking	125.09	
		For <10, Add	*13.65*	
		For >50 To 100, Deduct	*-6.83*	
		For >100 To 200, Deduct	*-9.10*	
		For >200, Deduct	*-18.20*	
32 17 23 13-0177	EA	CALTRANS 18' Arrow, Type I, Painted Thermoplastic Reflective Pavement Marking	220.14	
		For <10, Add	*23.89*	
		For >50 To 100, Deduct	*-11.95*	
		For >100 To 200, Deduct	*-15.93*	
		For >200, Deduct	*-31.86*	
32 17 23 13-0178	EA	CALTRANS 24' Arrow, Type I, Painted Thermoplastic Reflective Pavement Marking	275.70	
		For <10, Add	*30.04*	
		For >50 To 100, Deduct	*-15.02*	
		For >100 To 200, Deduct	*-20.02*	
		For >200, Deduct	*-40.05*	
32 17 23 13-0179	EA	CALTRANS 24' Arrow With Single (L or R) Turn Arrow, Type II, Painted Thermoplastic Reflective Pavement Marking	400.80	
		For <10, Add	*43.69*	
		For >50 To 100, Deduct	*-21.84*	
		For >100 To 200, Deduct	*-29.13*	
		For >200, Deduct	*-58.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0180	EA	CALTRANS 24' Arrow With Both (L and R) Turn Arrows, Type II, Painted Thermoplastic Reflective Pavement Marking	476.81	
		For <10, Add	*57.34*	
		For >50 To 100, Deduct	*-28.67*	
		For >100 To 200, Deduct	*-38.23*	
		For >200, Deduct	*-76.46*	
32 17 23 13-0181	EA	CALTRANS 24' Arrow Single (L or R) Turn Arrow, Type III, Painted Thermoplastic Reflective Pavement Marking	370.74	
		For <10, Add	*40.28*	
		For >50 To 100, Deduct	*-20.14*	
		For >100 To 200, Deduct	*-26.85*	
		For >200, Deduct	*-53.70*	
32 17 23 13-0182	EA	CALTRANS 24' Arrow Both (L and R) Turn Arrows, Type III, Painted Thermoplastic Reflective Pavement Marking	646.45	
		For <10, Add	*70.31*	
		For >50 To 100, Deduct	*-35.16*	
		For >100 To 200, Deduct	*-46.87*	
		For >200, Deduct	*-93.75*	
32 17 23 13-0183	EA	CALTRANS 8' Turn Arrow (L or R), Type IV, Painted Thermoplastic Reflective Pavement Marking	132.08	
		For <10, Add	*14.34*	
		For >50 To 100, Deduct	*-7.17*	
		For >100 To 200, Deduct	*-9.56*	
		For >200, Deduct	*-19.11*	
32 17 23 13-0184	EA	CALTRANS 24' Arrow, Type V, Painted Thermoplastic Reflective Pavement Marking	289.67	
		For <10, Add	*31.40*	
		For >50 To 100, Deduct	*-15.70*	
		For >100 To 200, Deduct	*-20.93*	
		For >200, Deduct	*-41.87*	
32 17 23 13-0185	EA	CALTRANS 18' Arrow, Type VI, Painted Thermoplastic Reflective Pavement Marking	370.74	
		For <10, Add	*40.28*	
		For >50 To 100, Deduct	*-20.14*	
		For >100 To 200, Deduct	*-26.85*	
		For >200, Deduct	*-53.70*	
32 17 23 13-0186	EA	CALTRANS 13' Arrow With Single (L or R) Turn Arrow, Type VII, Painted Thermoplastic Reflective Pavement Marking	240.11	
		For <10, Add	*25.94*	
		For >50 To 100, Deduct	*-12.97*	
		For >100 To 200, Deduct	*-17.29*	
		For >200, Deduct	*-34.59*	
32 17 23 13-0187	EA	CALTRANS 15' Arrow With Both (L and R) Turn Arrows, Type VIII, Painted Thermoplastic Reflective Pavement Marking	315.19	
		For <10, Add	*34.13*	
		For >50 To 100, Deduct	*-17.07*	
		For >100 To 200, Deduct	*-22.76*	
		For >200, Deduct	*-45.51*	
32 17 23 13-0188	EA	CALTRANS 5' Arrow, Bike Lane, Painted Thermoplastic Reflective Pavement Marking	62.55	
		For <10, Add	*6.83*	
		For >50 To 100, Deduct	*-3.41*	
		For >100 To 200, Deduct	*-4.55*	
		For >200, Deduct	*-9.10*	
32 17 23 13-0189	EA	CALTRANS Railroad Crossing Symbol, Painted Thermoplastic Reflective Pavement Marking Note: Excludes variable width transverse lines.	602.74	
		For <10, Add	*64.85*	
		For >50 To 100, Deduct	*-32.43*	
		For >100 To 200, Deduct	*-43.23*	
		For >200, Deduct	*-86.47*	
32 17 23 13-0190	SF	CALTRANS Solid Area, Painted Thermoplastic Reflective Pavement Marking	7.99	
32 17 23 13-0191	EA	CALTRANS Bike Lane Symbol Without Person, Painted Thermoplastic Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	61.11	
		For <10, Add	*4.91*	
		For >50 To 100, Deduct	*-2.46*	
		For >100 To 200, Deduct	*-3.28*	
		For >200, Deduct	*-6.55*	
32 17 23 13-0192	EA	CALTRANS Bike Lane Symbol With Person, Painted Thermoplastic Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	64.24	
		For <10, Add	*5.19*	
		For >50 To 100, Deduct	*-2.59*	
		For >100 To 200, Deduct	*-3.46*	
		For >200, Deduct	*-6.92*	
32 17 23 13-0193	EA	CALTRANS Diamond Symbol, Painted Thermoplastic Reflective Pavement Marking	99.60	
		For <10, Add	*10.92*	
		For >50 To 100, Deduct	*-5.46*	
		For >100 To 200, Deduct	*-7.28*	
		For >200, Deduct	*-14.56*	
32 17 23 13-0194	EA	CALTRANS International Symbol Of Accessibility (ISA) Marking, Painted Thermoplastic Reflective Pavement Marking	203.44	
		For <10, Add	*22.12*	
		For >50 To 100, Deduct	*-11.06*	
		For >100 To 200, Deduct	*-14.75*	
		For >200, Deduct	*-29.49*	
32 17 23 13-0195	EA	CALTRANS Bike Loop Detector Symbol, Painted Thermoplastic Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	39.33	
		For <10, Add	*5.19*	
		For >50 To 100, Deduct	*-2.59*	
		For >100 To 200, Deduct	*-3.46*	
		For >200, Deduct	*-6.92*	
32 17 23 13-0196	SF	CALTRANS Letter/Number, Painted Thermoplastic Reflective Pavement Marking	8.08	
32 17 23 13-0197	SF	CALTRANS Symbols, Painted Thermoplastic Reflective Pavement Marking Note: Handicap, railroad, diamond, arrows, etc.	8.80	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0198		**Pavement Striping, Letters And Symbols For Parking Areas** *(32 17 23 13)* Note: Includes primers. Per Coat.		
32 17 23 13-0199		**Painted Pavement Marking For Parking Areas** *(32 17 23 13-0198)* Note: 15 mil thickness.		
32 17 23 13-0200	LF	Single 4" Wide Solid Line, Painted Pavement Striping For Parking Areas	1.32	
32 17 23 13-0201	LF	Single 6" Wide Solid Line, Painted Pavement Striping For Parking Areas	1.45	
32 17 23 13-0202	LF	Single 8" Wide Solid Line, Painted Pavement Striping For Parking Areas	1.55	
32 17 23 13-0203	LF	Single 12" Wide Solid Line, Painted Pavement Striping For Parking Areas	1.77	
32 17 23 13-0204	EA	6" High, Letter/Number, Painted Pavement Marking For Parking Areas	4.11	
		For Up To 10, Add	*0.55*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 200, Deduct	*-0.36*	
		For >200, Deduct	*-0.73*	
32 17 23 13-0205	EA	12" High, Letter/Number, Painted Pavement Marking For Parking Areas	7.15	
		For Up To 10, Add	*0.82*	
		For >50 To 100, Deduct	*-0.41*	
		For >100 To 200, Deduct	*-0.55*	
		For >200, Deduct	*-1.09*	
32 17 23 13-0206	EA	24" High, Letter/Number, Painted Pavement Marking For Parking Areas	12.06	
		For Up To 10, Add	*1.37*	
		For >50 To 100, Deduct	*-0.68*	
		For >100 To 200, Deduct	*-0.91*	
		For >200, Deduct	*-1.82*	
32 17 23 13-0207	EA	36" High, Letter/Number, Painted Pavement Marking For Parking Areas	22.50	
		For Up To 10, Add	*2.59*	
		For >50 To 100, Deduct	*-1.30*	
		For >100 To 200, Deduct	*-1.73*	
		For >200, Deduct	*-3.46*	
32 17 23 13-0208	EA	42" High, Letter/Number, Painted Pavement Marking For Parking Areas	29.65	
		For Up To 10, Add	*3.55*	
		For >50 To 100, Deduct	*-1.77*	
		For >100 To 200, Deduct	*-2.37*	
		For >200, Deduct	*-4.73*	
32 17 23 13-0209	EA	48" High, Letter/Number/Arrow, Painted Pavement Marking For Parking Areas	35.90	
		For Up To 10, Add	*4.37*	
		For >50 To 100, Deduct	*-2.18*	
		For >100 To 200, Deduct	*-2.91*	
		For >200, Deduct	*-5.83*	
32 17 23 13-0210	EA	72" High, Letter/Number/Arrow, Painted Pavement Marking For Parking Areas	48.77	
		For Up To 10, Add	*5.46*	
		For >50 To 100, Deduct	*-2.73*	
		For >100 To 200, Deduct	*-3.64*	
		For >200, Deduct	*-7.28*	
32 17 23 13-0211	EA	Through Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 3-1/2' width x 10' height.	91.25	
32 17 23 13-0212	EA	Turn Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 6' width x 8' height.	106.48	
32 17 23 13-0213	EA	Dual Turn Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 11' width x 8' height.	156.80	
32 17 23 13-0214	EA	Turn And Through Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 7' width x 13' height.	160.32	
32 17 23 13-0215	EA	Dual Turn And Through Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 9' width x 15' height.	213.69	
32 17 23 13-0216	EA	Handicap Symbol For Standard Parking Stalls, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 2-2/3' width x 3' height. White or blue symbol. Excludes striping.	35.59	
		For Blue Background With White Symbol, Add	*29.08*	
		For Blue Background With White Symbol And Border, Add	*36.36*	
32 17 23 13-0217	EA	Handicap Symbol For Van Parking Stalls, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 4-1/3' width x 5' height. White or blue symbol. Excludes striping.	54.78	
		For Blue Background With White Symbol, Add	*62.36*	
		For Blue Background With White Symbol And Border, Add	*77.95*	
32 17 23 13-0218		**Painted Curbs** *(32 17 23 13)* Note: All colors.		
32 17 23 13-0219	LF	Reflective Painted Curb	3.71	
32 17 23 13-0220	LF	Reflective Painted Curb And Gutter	7.23	
32 17 23 13-0221	LF	Painted Curb	3.03	
32 17 23 13-0222	LF	Painted Curb And Gutter	6.66	
32 17 23 13-0223		**Markings For Outdoor Play Areas, Courts** *(32 17 23 13)*		
32 17 23 13-0224	LF	2" Wide Marking For Outdoor Play Areas	1.20	
32 17 23 13-0225	LF	3" Wide Marking For Outdoor Play Areas	1.35	
32 17 23 13-0226	LF	4" Wide Marking For Outdoor Play Areas	1.53	
32 17 23 13-0227	LF	6" Wide Marking For Outdoor Play Areas	1.80	
32 17 23 13-0228	EA	Layout And Paint Playground Game Lines And Background On Asphalt Or Concrete (Hop Scotch, 4 Square, Numbers Games, etc.)	316.21	

32 17 23 23 Raised Pavement Markings *(32 17 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 23-0001		Raised Pavement Markers (RPMs) *(32 17 23 23)*		
		Note: White, Red, Yellow/Amber, Green or Blue		
32 17 23 23-0002	EA	One-Way Reflective, Raised Pavement Marker (RPM)	8.54	3.17
		Note: Type G, H or R		
		For >100, Deduct	*-0.85*	
32 17 23 23-0003	EA	Two-Way Reflective, Raised Pavement Marker (RPM)	9.06	3.17
		Note: Type B, C, D, AC, RA or RR		
		For >100, Deduct	*-0.91*	
32 17 23 23-0004	EA	4" Diameter, Round Reflective, Raised Pavement Marker (RPM)	11.19	3.17
		For >100, Deduct	*-1.12*	
32 17 23 23-0005	EA	4" Diameter, Non-Reflective, Raised Pavement Marker (RPM)	7.86	3.17
		Note: Type A or AY		
		For >100, Deduct	*-0.79*	
32 17 23 23-0006		Snowplowable Pavement Markers *(32 17 23 23)*		
32 17 23 23-0007	EA	One-Way Reflective, Snowplowable Pavement Marker With Center Rail	89.24	38.74
		Note: Type G, H or R		
32 17 23 23-0008	EA	Two-Way Reflective, Snowplowable Pavement Marker With Center Rail	89.69	38.74
		Note: Type B, C, D, AC, RA or RR		
32 17 23 23-0009	EA	Removal And Replacement Of Reflector For One-Way Reflective, Recessed (Plowable) Pavement Marker	26.01	
32 17 23 23-0010	EA	Removal And Replacement Of Reflectors For Two-Way Reflective, Recessed (Plowable) Pavement Marker	32.91	
32 17 23 33		**Plastic Pavement Markings** *(32 17 23)*		
32 17 23 33-0001		Thermoplastic Pavement Striping, Letters, Symbols And Markers For Roads *(32 17 23 33)*		
		Note: Includes primers, adhesive and reflective glass beads. For broken line modifier quantity use total lane length.		
32 17 23 33-0002		Thermoplastic Reflective Pavement Marking *(32 17 23 33-0001)*		
		Note: 90 mil thickness.		
32 17 23 33-0003	LF	Single 4" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping	2.04	
		For Up To 5,000 LF, Add	*0.41*	
		For >25,000 LF, Deduct	*-0.31*	
		For 60 mils Thick, Deduct	*-0.30*	
		For 125 mils Thick, Add	*0.38*	
		For Broken Line, Deduct	*-1.28*	
32 17 23 33-0004	LF	Single 6" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping	2.97	
		Note: Includes yellow or white.		
		For Up To 5,000 LF, Add	*0.59*	
		For >25,000 LF, Deduct	*-0.45*	
		For 60 mils Thick, Deduct	*-0.45*	
		For 125 mils Thick, Add	*0.58*	
		For Broken Line, Deduct	*-1.92*	
32 17 23 33-0005	LF	Single 8" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping	3.94	
		Note: Includes yellow or white.		
		For Up To 5,000 LF, Add	*0.79*	
		For >25,000 LF, Deduct	*-0.59*	
		For 60 mils Thick, Deduct	*-0.60*	
		For 125 mils Thick, Add	*0.77*	
		For Broken Line, Deduct	*-2.56*	
32 17 23 33-0006	LF	Single 12" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping	5.78	
		Note: Includes yellow or white.		
		For Up To 5,000 LF, Add	*1.16*	
		For >25,000 LF, Deduct	*-0.87*	
		For 60 mils Thick, Deduct	*-0.89*	
		For 125 mils Thick, Add	*1.15*	
		For Broken Line, Deduct	*-3.83*	
32 17 23 33-0007	LF	Double 4" Wide Solid Lines, 90 Mil Thick, Thermoplastic Reflective Pavement Striping	3.92	
		Note: Includes yellow or white.		
		For Up To 5,000 LF, Add	*0.78*	
		For >25,000 LF, Deduct	*-0.59*	
		For 60 mils Thick, Deduct	*-0.60*	
		For 125 mils Thick, Add	*0.77*	
		For Broken Line On One Side, Deduct	*-1.28*	
		For Double Broken Line, Deduct	*-2.56*	
32 17 23 33-0008	LF	Double 6" Wide Solid Lines, 90 Mil Thick, Thermoplastic Reflective Pavement Striping	5.78	
		Note: Includes yellow or white.		
		For Up To 5,000 LF, Add	*1.16*	
		For >25,000 LF, Deduct	*-0.87*	
		For 60 mils Thick, Deduct	*-0.89*	
		For 125 mils Thick, Add	*1.15*	
		For Broken Line On One Side, Deduct	*-1.92*	
		For Double Broken Line, Deduct	*-3.83*	
32 17 23 33-0009	SF	Solid Area, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	10.55	
		Note: Includes yellow or white.		
		For 60 mils Thick, Deduct	*-0.89*	
		For 125 mils Thick, Add	*1.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0010	EA	6" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	6.48	
		For Up To 10, Add	*0.62*	
		For >50 To 100, Deduct	*-0.31*	
		For >100 To 200, Deduct	*-0.41*	
		For >200, Deduct	*-0.82*	
		For 60 mils Thick, Deduct	*-0.42*	
		For 125 mils Thick, Add	*0.54*	
32 17 23 33-0011	EA	12" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	14.79	
		For Up To 10, Add	*0.93*	
		For >50 To 100, Deduct	*-0.46*	
		For >100 To 200, Deduct	*-0.62*	
		For >200, Deduct	*-1.24*	
		For 60 mils Thick, Deduct	*-1.51*	
		For 125 mils Thick, Add	*1.94*	
32 17 23 33-0012	EA	24" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	25.35	
		For Up To 10, Add	*1.54*	
		For >50 To 100, Deduct	*-0.77*	
		For >100 To 200, Deduct	*-1.03*	
		For >200, Deduct	*-2.06*	
		For 60 mils Thick, Deduct	*-2.64*	
		For 125 mils Thick, Add	*3.39*	
32 17 23 33-0013	EA	36" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	47.13	
		For Up To 10, Add	*3.10*	
		For >50 To 100, Deduct	*-1.55*	
		For >100 To 200, Deduct	*-2.07*	
		For >200, Deduct	*-4.13*	
		For 60 mils Thick, Deduct	*-4.63*	
		For 125 mils Thick, Add	*5.96*	
32 17 23 33-0014	EA	48" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	57.52	
		For Up To 10, Add	*3.47*	
		For >50 To 100, Deduct	*-1.73*	
		For >100 To 200, Deduct	*-2.31*	
		For >200, Deduct	*-4.62*	
		For 60 mils Thick, Deduct	*-6.02*	
		For 125 mils Thick, Add	*7.74*	
32 17 23 33-0015	EA	72" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	104.01	
		For Up To 10, Add	*6.17*	
		For >50 To 100, Deduct	*-3.09*	
		For >100 To 200, Deduct	*-4.11*	
		For >200, Deduct	*-8.23*	
		For 60 mils Thick, Deduct	*-11.00*	
		For 125 mils Thick, Add	*14.15*	
32 17 23 33-0016	EA	96" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	137.97	
		For Up To 10, Add	*8.29*	
		For >50 To 100, Deduct	*-4.14*	
		For >100 To 200, Deduct	*-5.53*	
		For >200, Deduct	*-11.05*	
		For 60 mils Thick, Deduct	*-14.48*	
		For 125 mils Thick, Add	*18.61*	
32 17 23 33-0017	EA	120" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	253.09	
		For Up To 10, Add	*10.27*	
		For >50 To 100, Deduct	*-5.13*	
		For >100 To 200, Deduct	*-6.85*	
		For >200, Deduct	*-13.69*	
		For 60 mils Thick, Deduct	*-32.31*	
		For 125 mils Thick, Add	*41.54*	
32 17 23 33-0018	SF	Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	12.15	
		For 60 mils Thick, Deduct	*-1.04*	
		For 125 mils Thick, Add	*1.34*	
32 17 23 33-0019	SY	Cross Hatch, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Note: Per SY of area.	34.20	
		For 60 mils Thick, Deduct	*-2.00*	
		For 125 mils Thick, Add	*2.57*	
32 17 23 33-0020	EA	Handicap Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	310.75	
		For 60 mils Thick, Deduct	*-23.97*	
		For 125 mils Thick, Add	*30.82*	
32 17 23 33-0021	EA	Railroad Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	926.62	
		For 60 mils Thick, Deduct	*-72.96*	
		For 125 mils Thick, Add	*93.81*	
32 17 23 33-0022	EA	Bike Lane Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	224.96	
		For 60 mils Thick, Deduct	*-33.00*	
		For 125 mils Thick, Add	*42.43*	
32 17 23 33-0023	EA	Diamond Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	148.62	
		For 60 mils Thick, Deduct	*-11.47*	
		For 125 mils Thick, Add	*14.74*	
32 17 23 33-0024	SF	Symbols, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Note: Handicap, railroad, diamond, arrows, etc.	13.51	
		For 60 mils Thick, Deduct	*-1.04*	
		For 125 mils Thick, Add	*1.34*	
32 17 23 33-0025	EA	10' Arrow, Type I, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	189.15	
		For 60 mils Thick, Deduct	*-14.59*	
		For 125 mils Thick, Add	*18.76*	
32 17 23 33-0026	EA	18' Arrow, Type I, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	337.76	
		For 60 mils Thick, Deduct	*-26.06*	
		For 125 mils Thick, Add	*33.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0027	EA	24' Arrow, Type I, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	418.83	
		For 60 mils Thick, Deduct	*-32.31*	
		For 125 mils Thick, Add	*41.54*	
32 17 23 33-0028	EA	24' Arrow With Single (L or R) Turn Arrow, Type II, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	607.97	
		For 60 mils Thick, Deduct	*-46.90*	
		For 125 mils Thick, Add	*60.30*	
32 17 23 33-0029	EA	24' Arrow With Both (L and R) Turn Arrows, Type II, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	797.13	
		For 60 mils Thick, Deduct	*-61.50*	
		For 125 mils Thick, Add	*79.07*	
32 17 23 33-0030	EA	24' Arrow Single (L or R) Turn Arrow, Type III, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	567.44	
		For 60 mils Thick, Deduct	*-43.78*	
		For 125 mils Thick, Add	*56.29*	
32 17 23 33-0031	EA	24' Arrow Both (L and R) Turn Arrows, Type III, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	986.27	
		For 60 mils Thick, Deduct	*-76.09*	
		For 125 mils Thick, Add	*97.83*	
32 17 23 33-0032	EA	8' Turn Arrow (L or R), Type IV, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	202.66	
		For 60 mils Thick, Deduct	*-15.63*	
		For 125 mils Thick, Add	*20.10*	
32 17 23 33-0033	EA	24' Arrow, Type V, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	445.85	
		For 60 mils Thick, Deduct	*-34.40*	
		For 125 mils Thick, Add	*44.22*	
32 17 23 33-0034	EA	18' Arrow, Type VI, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	567.44	
		For 60 mils Thick, Deduct	*-43.78*	
		For 125 mils Thick, Add	*56.29*	
32 17 23 33-0035	EA	13' Arrow With Single (L or R) Turn Arrow, Type VII, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	364.78	
		For 60 mils Thick, Deduct	*-28.14*	
		For 125 mils Thick, Add	*36.18*	
32 17 23 33-0036	EA	15' Arrow With Both (L and R) Turn Arrows, Type VIII, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	486.38	
		For 60 mils Thick, Deduct	*-37.52*	
		For 125 mils Thick, Add	*48.24*	
32 17 23 33-0037	EA	5' Arrow, Bike Lane, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	94.57	
		For 60 mils Thick, Deduct	*-7.30*	
		For 125 mils Thick, Add	*9.38*	

32 17 23 33-0038 Thermoplastic Reflective Pavement Striping By Hand For Repairs *(32 17 23 33-0001)*

32 17 23 33-0039	LF	Single 4" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs	3.62	
		For 60 mils Thick, Deduct	*-0.30*	
		For 125 mils Thick, Add	*0.38*	
32 17 23 33-0040	LF	Single 6" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs	4.75	
		For 60 mils Thick, Deduct	*-0.45*	
		For 125 mils Thick, Add	*0.58*	
32 17 23 33-0041	LF	Single 8" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs	5.96	
		For 60 mils Thick, Deduct	*-0.60*	
		For 125 mils Thick, Add	*0.77*	
32 17 23 33-0042	LF	Single 12" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs	8.65	
		For 60 mils Thick, Deduct	*-0.89*	
		For 125 mils Thick, Add	*1.15*	
32 17 23 33-0043	LF	Single 24" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs	15.98	
		For 60 mils Thick, Deduct	*-1.79*	
		For 125 mils Thick, Add	*2.30*	

32 17 23 33-0044 Preformed, Patterned Thermoplastic Reflective Pavement Marking Tape *(32 17 23 33-0001)*

Note: Applied with pressure sensitive adhesive. Includes adhesive. 60 mil thickness. (3M Stamark 380 Series).

32 17 23 33-0045	LF	Single 4" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	4.54	
		For Up To 5,000 LF, Add	*0.91*	
		For >25,000 LF, Deduct	*-0.68*	
32 17 23 33-0046	LF	Single 6" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	6.75	
		For Up To 5,000 LF, Add	*1.35*	
		For >25,000 LF, Deduct	*-1.01*	
32 17 23 33-0047	LF	Single 8" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	8.98	
		For Up To 5,000 LF, Add	*1.80*	
		For >25,000 LF, Deduct	*-1.35*	
32 17 23 33-0048	LF	Single 12" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	13.35	
		For Up To 5,000 LF, Add	*2.67*	
		For >25,000 LF, Deduct	*-2.00*	
32 17 23 33-0049	SF	Solid Area, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Marking Tape Note: Includes yellow or white.	34.57	
32 17 23 33-0050	EA	6" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	51.73	
		For <10, Add	*1.12*	
		For >50 To 100, Deduct	*-0.56*	
		For >100 To 200, Deduct	*-0.75*	
		For >200, Deduct	*-1.49*	
32 17 23 33-0051	EA	12" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	93.73	
		For <10, Add	*1.42*	
		For >50 To 100, Deduct	*-0.71*	
		For >100 To 200, Deduct	*-0.95*	
		For >200, Deduct	*-1.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0052	EA	24" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	159.42	
		For <10, Add	*2.81*	
		For >50 To 100, Deduct	*-1.41*	
		For >100 To 200, Deduct	*-1.88*	
		For >200, Deduct	*-3.75*	
32 17 23 33-0053	EA	36" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	223.44	
		For <10, Add	*5.63*	
		For >50 To 100, Deduct	*-2.81*	
		For >100 To 200, Deduct	*-3.75*	
		For >200, Deduct	*-7.50*	
32 17 23 33-0054	EA	48" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	263.12	
		For <10, Add	*6.31*	
		For >50 To 100, Deduct	*-3.15*	
		For >100 To 200, Deduct	*-4.21*	
		For >200, Deduct	*-8.41*	
32 17 23 33-0055	EA	72" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	323.31	
		For <10, Add	*11.22*	
		For >50 To 100, Deduct	*-5.61*	
		For >100 To 200, Deduct	*-7.48*	
		For >200, Deduct	*-14.96*	
32 17 23 33-0056	EA	96" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	408.96	
		For <10, Add	*15.07*	
		For >50 To 100, Deduct	*-7.54*	
		For >100 To 200, Deduct	*-10.05*	
		For >200, Deduct	*-20.10*	
32 17 23 33-0057	EA	120" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	513.53	
		For <10, Add	*18.68*	
		For >50 To 100, Deduct	*-9.34*	
		For >100 To 200, Deduct	*-12.45*	
		For >200, Deduct	*-24.90*	
32 17 23 33-0058	SF	Preformed Arrow, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	35.30	
32 17 23 33-0059	SF	Preformed Symbol, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape Note: Handicap, railroad, diamond symbol, etc.	36.66	

32 17 23 33-0060 Preformed, Thermoplastic Reflective Pavement Marking Tape *(32 17 23 33-0001)*

Note: Heat applied. (Flint PreMark or HotTape Series).

32 17 23 33-0061	EA	Preformed Bike Lane Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 4' width x 8' height.	515.99
32 17 23 33-0062	EA	Preformed Railroad Crossing Symbol, 125 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 8' width x 20' height. Excludes transverse lines.	1,371.43
32 17 23 33-0063	EA	Preformed Preferential Lane Symbol (Diamond), 125 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3-1/4' width x 13' height.	260.48
32 17 23 33-0064	EA	6' Height, Preformed Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 2' width x 6' height.	214.35
32 17 23 33-0065	EA	9-1/2' Height, Preformed Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3-1/4' width x 9-1/2' height.	438.56
32 17 23 33-0066	EA	4' Height, Preformed Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3' width x 4' height.	252.79
32 17 23 33-0067	EA	8' Height, Preformed Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 6' width x 8' height.	491.31
32 17 23 33-0068	EA	Preformed Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 7-1/4' width x 12-3/4' height.	856.92
32 17 23 33-0069	EA	Preformed Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 11-1/4' width x 13-1/4' height.	1,303.79
32 17 23 33-0070	EA	Preformed Elongated Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 1-2/3' width x 12' height.	447.48
32 17 23 33-0071	EA	Preformed Elongated Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3' width x 12' height.	500.23
32 17 23 33-0072	EA	Preformed Elongated Dual Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 5-1/2' width x 12' height.	945.84
32 17 23 33-0073	EA	Preformed Elongated Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3-1/2' width x 20' height.	866.93
32 17 23 33-0074	EA	Preformed Elongated Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 5-1/2' width x 20' height.	869.66
32 17 23 33-0075	EA	Preformed Lane-Reduction Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 5-1/2' width x 18' height.	1,212.84

32 17 23 33-0076 Thermoplastic Pavement Striping, Letters And Symbols For Parking Areas *(32 17 23 33)*

32 17 23 33-0077 Thermoplastic Pavement Marking Symbols For Parking Areas *(32 17 23 33-0076)*

Note: Heat applied. (Flint PreMark Series).

32 17 23 33-0078	EA	28" Handicap Symbol For Standard Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas Note: White or blue symbol. Excludes striping.	170.29
32 17 23 33-0079	EA	39" Handicap Symbol For Standard Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas	670.52
32 17 23 33-0080	EA	40" x 40" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas Note: White symbol on blue background. Excludes striping.	373.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0081	EA	45" x 45" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas Note: White symbol on blue background. Excludes striping.	450.74	
32 17 23 33-0082	EA	48" x 48" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas	472.72	

32 17 26 Tactile Warning Surfaces *(32 17)*

32 17 26 00-0001 Vitrified Polymer Composite (VPC); (Armor Tile) *(32 17 26)*
Note: Truncated dome, raised strips or directional bars. All colors.

32 17 26 00-0002	SF	Surface Applied VPC Truncated Dome Detectable Warning Surface Note: Includes adhesive, fasteners and sealant at perimeter. Also raised strips or directional bars. All colors.	70.41	10.35
32 17 26 00-0003	SF	Embedded, VPC Truncated Dome Detectable Warning Surface Note: Also raised strips or directional bars. All colors.	56.96	10.35

32 17 26 00-0004 Fiber-Reinforced, Polymer Modified Cement And Coated With Acrylic Resin Emulsion (SatetyStep TD) *(32 17 26)*
Note: Pre-molded tactile dome sheet. All colors.

32 17 26 00-0005	SF	Up To 15 SF, Surface Applied Pre-Molded Tactile Warning Mat (SSTD-MAT) Note: Includes surface preparation, SSTD-589 adhesive, SSTD-100 topcoat sealer and SSTD-1250 finish. All colors. 2' or 3' width.	84.29	10.35
32 17 26 00-0006	SF	>15 To 36 SF, Surface Applied Pre-Molded Tactile Warning Mat (SSTD-MAT) Note: Includes surface preparation, SSTD-589 adhesive, SSTD-100 topcoat sealer and SSTD-1250 finish. All colors. 2' or 3' width.	74.99	10.35

32 18 Athletic and Recreational Surfacing *(32 10)*

32 18 16 Synthetic Resilient Surfacing *(32 18)*

32 18 16 13 Playground Protective Surfacing *(32 18 16)*

32 18 16 13-0001 Tile Playground Surface Material *(32 18 16 13)*
Note: Black. With or without channel bottom. Includes transition section and curbs. Excludes sub base.

32 18 16 13-0002	SF	1-3/4" Thick, Resilient Rubber Tile Playground Surfacing	26.38	2.86
		For Manufacturer's Standard Colors, Add	*1.60*	
		For Interlocking Tiles, Add	*3.57*	
		For Mechanically Fastened, Add	*2.11*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0003	SF	2" Thick, Resilient Rubber Tile Playground Surfacing	26.92	3.02
		For Manufacturer's Standard Colors, Add	*1.60*	
		For Interlocking Tiles, Add	*3.57*	
		For Mechanically Fastened, Add	*2.22*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0004	SF	2-1/4" Thick, Resilient Rubber Tile Playground Surfacing	27.99	3.38
		For Manufacturer's Standard Colors, Add	*1.60*	
		For Interlocking Tiles, Add	*3.57*	
		For Mechanically Fastened, Add	*2.43*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0005	SF	2-1/2" Thick, Resilient Rubber Tile Playground Surfacing	29.06	3.74
		For Manufacturer's Standard Colors, Add	*1.60*	
		For Interlocking Tiles, Add	*3.57*	
		For Mechanically Fastened, Add	*2.65*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0006	SF	2-3/4" Thick, Resilient Rubber Tile Playground Surfacing	32.43	4.09
		For Manufacturer's Standard Colors, Add	*1.21*	
		For Interlocking Tiles, Add	*4.03*	
		For Mechanically Fastened, Add	*2.86*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0007	SF	3" Thick, Resilient Rubber Tile Playground Surfacing	33.62	4.49
		For Manufacturer's Standard Colors, Add	*1.21*	
		For Interlocking Tiles, Add	*4.03*	
		For Mechanically Fastened, Add	*3.10*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0008	SF	3-1/4" Thick, Resilient Rubber Tile Playground Surfacing	34.84	4.89
		For Manufacturer's Standard Colors, Add	*1.21*	
		For Interlocking Tiles, Add	*4.03*	
		For Mechanically Fastened, Add	*3.34*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0009	SF	3-1/2" Thick, Resilient Rubber Tile Playground Surfacing	38.30	5.24
		For Manufacturer's Standard Colors, Add	*0.67*	
		For Interlocking Tiles, Add	*4.50*	
		For Mechanically Fastened, Add	*3.56*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0010	SF	3-3/4" Thick, Resilient Rubber Tile Playground Surfacing	39.37	5.66
		For Manufacturer's Standard Colors, Add	*0.67*	
		For Interlocking Tiles, Add	*4.50*	
		For Mechanically Fastened, Add	*3.78*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0011	SF	4" Thick, Resilient Rubber Tile Playground Surfacing	40.55	5.98
		For Manufacturer's Standard Colors, Add	*0.67*	
		For Interlocking Tiles, Add	*4.50*	
		For Mechanically Fastened, Add	*4.01*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 16 13-0012	SF	4-1/2" Thick, Resilient Rubber Tile Playground Surfacing	46.66	6.73
		For Manufacturer's Standard Colors, Add	*0.66*	
		For Interlocking Tiles, Add	*5.27*	
		For Mechanically Fastened, Add	*4.46*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0013		**Loose Laid Playground Surface Material** *(32 18 16 13)*		
		Note: Excludes sub base.		
32 18 16 13-0014	SF	3" Loose Laid Wood Fiber Safety Playground Surfacing	1.96	0.43
32 18 16 13-0015	SF	6" Loose Laid Wood Fiber Safety Playground Surfacing	2.60	0.53
32 18 16 13-0016	SF	9" Loose Laid Wood Fiber Safety Playground Surfacing	3.30	0.64
32 18 16 13-0017	SF	12" Loose Laid Wood Fiber Safety Playground Surfacing	4.66	0.97
32 18 16 13-0018	SF	3" Loose Laid Synthetic Fiber Safety Playground Surfacing	2.86	0.43
32 18 16 13-0019	SF	6" Loose Laid Synthetic Fiber Safety Playground Surfacing	3.55	0.53
32 18 16 13-0020	SF	9" Loose Laid Synthetic Fiber Safety Playground Surfacing	5.35	0.64
32 18 16 13-0021	SF	12" Loose Laid Synthetic Fiber Safety Playground Surfacing	6.73	0.97
32 18 16 13-0022	SF	8" FIBAR System Playground Surfacing	11.45	1.60
		Note: Includes drainage system on 6" centers, felt, edge railing and 8" wood fiber.		
32 18 16 13-0023	SF	12" FIBAR System Playground Surfacing	14.63	2.14
		Note: Includes drainage system on 6" centers, felt, edge railing and 12" wood fiber.		
32 18 16 13-0024		**Poured In Place Playground Surfacing** *(32 18 16 13)*		
		Note: Includes SBR base mat, 100% color ethylene propylene diene monomer (EPDM) top surface and 5 year warranty. Includes primer for base mat and top surface. Includes all colors. Excludes base preparation.		
32 18 16 13-0025	SF	1-3/4" Thick, Up To 4' Critical Fall Height, Poured In Place Rubber Playground Surfacing	20.84	3.13
		For Up To 2,000, Add	*4.22*	
		For >2,000 To 3,000, Add	*2.97*	
		For >3,000 To 4,000, Add	*2.02*	
		For >4,000 To 5,000, Add	*1.29*	
		For >5,000 To 7,000, Add	*0.54*	
		For Aliphatic (Non-Yellowing) Binder, Add	*4.52*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.63*	
32 18 16 13-0026	SF	2" Thick, 5' Critical Fall Height, Poured In Place Rubber Playground Surfacing	21.49	3.47
		For Up To 2,000, Add	*4.35*	
		For >2,000 To 3,000, Add	*3.06*	
		For >3,000 To 4,000, Add	*2.09*	
		For >4,000 To 5,000, Add	*1.33*	
		For >5,000 To 7,000, Add	*0.55*	
		For Aliphatic (Non-Yellowing) Binder, Add	*4.52*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.63*	
32 18 16 13-0027	SF	2-1/2" Thick, 6' Critical Fall Height, Poured In Place Rubber Playground Surfacing	23.20	3.96
		For Up To 2,000, Add	*4.69*	
		For >2,000 To 3,000, Add	*3.31*	
		For >3,000 To 4,000, Add	*2.25*	
		For >4,000 To 5,000, Add	*1.44*	
		For >5,000 To 7,000, Add	*0.60*	
		For Aliphatic (Non-Yellowing) Binder, Add	*4.52*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.63*	
32 18 16 13-0028	SF	3" Thick, 7' Critical Fall Height, Poured In Place Rubber Playground Surfacing	25.07	4.22
		For Up To 2,000, Add	*5.07*	
		For >2,000 To 3,000, Add	*3.57*	
		For >3,000 To 4,000, Add	*2.43*	
		For >4,000 To 5,000, Add	*1.55*	
		For >5,000 To 7,000, Add	*0.65*	
		For Aliphatic (Non-Yellowing) Binder, Add	*4.52*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.63*	
32 18 16 13-0029	SF	3-1/2" Thick, 8' Critical Fall Height, Poured In Place Rubber Playground Surfacing	26.91	4.44
		For Up To 2,000, Add	*5.44*	
		For >2,000 To 3,000, Add	*3.84*	
		For >3,000 To 4,000, Add	*2.61*	
		For >4,000 To 5,000, Add	*1.67*	
		For >5,000 To 7,000, Add	*0.69*	
		For Aliphatic (Non-Yellowing) Binder, Add	*4.52*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.63*	
32 18 16 13-0030	SF	4" Thick, 9' Critical Fall Height, Poured In Place Rubber Playground Surfacing	28.49	4.69
		For Up To 2,000, Add	*5.76*	
		For >2,000 To 3,000, Add	*4.06*	
		For >3,000 To 4,000, Add	*2.76*	
		For >4,000 To 5,000, Add	*1.76*	
		For >5,000 To 7,000, Add	*0.73*	
		For Aliphatic (Non-Yellowing) Binder, Add	*4.52*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.63*	
32 18 16 13-0031	SF	4-1/2" Thick, 10' Critical Fall Height, Poured In Place Rubber Playground Surfacing	30.34	4.95
		For Up To 2,000, Add	*6.13*	
		For >2,000 To 3,000, Add	*4.32*	
		For >3,000 To 4,000, Add	*2.94*	
		For >4,000 To 5,000, Add	*1.88*	
		For >5,000 To 7,000, Add	*0.78*	
		For Aliphatic (Non-Yellowing) Binder, Add	*4.52*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 16 13-0032	SF	5-1/2" Thick, 12' Critical Fall Height, Poured In Place Rubber Playground Surfacing	34.04	5.55
		For Up To 2,000, Add	*6.88*	
		For >2,000 To 3,000, Add	*4.85*	
		For >3,000 To 4,000, Add	*3.30*	
		For >4,000 To 5,000, Add	*2.11*	
		For >5,000 To 7,000, Add	*0.88*	
		For Aliphatic (Non-Yellowing) Binder, Add	*4.52*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.63*	
32 18 16 13-0033	SF	1/2" Top Only, Poured In Place Playground Surfacing Note: Not used with new surfacing system tasks.	13.61	
		For Up To 2,000, Add	*4.15*	
		For >2,000 To 3,000, Add	*2.69*	
		For >3,000 To 4,000, Add	*1.64*	
		For >4,000 To 5,000, Add	*0.99*	
		For >5,000 To 7,000, Add	*0.45*	
		For Aliphatic (Non-Yellowing) Binder, Add	*4.52*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.63*	
32 18 16 13-0034	EA	Simple Graphics Including Hopscotch, Four Square Or Geometric Shapes (5 Per 1,000 SF) For Poured In Place Playground Surfacing	3,082.21	

32 18 16 13-0035 Synthetic Playground Turf (Sporturf) *(32 18 16 13)*

Note: Excludes base preparation, aggregate, or drainage.

32 18 16 13-0036	SF	60 OZ/SY Face Weight, Tufted Polyethylene Monofilament Classic Spine/ Texturized Polypropylene Synthetic Turf (Sporturf PL929)	11.35	
32 18 16 13-0037	SF	71 OZ/SY Face Weight, Tufted Polyethylene Monofilament Classic Spine/ Texturized Polypropylene Synthetic Turf (Mirage PL906)	10.01	
32 18 16 13-0038	SF	2" Foam Padding (Sporturf)	6.48	
32 18 16 13-0039	CF	Sand/Rubber Infill (Sporturf)	63.04	

32 18 23 Athletic Surfacing *(32 18)*

32 18 23 29 Synthetic Field Sport Surfacing *(32 18 23)*

32 18 23 29-0001 Synthetic Field Sport Surfacing *(32 18 23 29)*

32 18 23 29-0002 Synthetic Turf (AstroTurf) *(32 18 23 29-0001)*

Note: Includes labor, equipment and material required to install the task.

32 18 23 29-0003 Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT) *(32 18 23 29-0002)*

32 18 23 29-0004 38 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT 38) *(32 18 23 29-0003)*

32 18 23 29-0005	SF	38 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Ambient Rubber Infill (AstroTurf® GameDay Grass™ MT 38)	8.98	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.26*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.31*	
		For Cryo Rubber And Sand Infill, Add	*0.36*	
32 18 23 29-0006	EA	Football Markings For AstroTurf® GameDay Grass™ MT 38 Fields	28,996.35	
32 18 23 29-0007	EA	Baseball Markings For AstroTurf® GameDay Grass™ MT 38 Fields	23,634.76	
32 18 23 29-0008	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ MT 38 Fields Note: Per sport.	7,112.31	
32 18 23 29-0009	EA	End Zone Lettering For AstroTurf® GameDay Grass™ MT 38 Fields Note: Per letter. Excludes outline.	2,626.08	
32 18 23 29-0010	EA	Colored End Zone For AstroTurf® GameDay Grass™ MT 38 Fields Note: Per end zone.	2,516.66	
32 18 23 29-0011	EA	Simple Logo For AstroTurf® GameDay Grass™ MT 38 Fields Note: Block letter.	21,884.04	
32 18 23 29-0012	EA	Deluxe Logo For AstroTurf® GameDay Grass™ MT 38 Fields Note: Graphic.	31,731.86	

32 18 23 29-0013 41 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT 41) *(32 18 23 29-0003)*

32 18 23 29-0014	SF	41 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Ambient Rubber Infill (AstroTurf® GameDay Grass™ MT 41)	10.31	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.26*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.31*	
		For Cryo Rubber And Sand Infill, Add	*0.36*	
32 18 23 29-0015	EA	Football Markings For AstroTurf® GameDay Grass™ MT 41 Fields	29,543.63	
32 18 23 29-0016	EA	Baseball Markings For AstroTurf® GameDay Grass™ MT 41 Fields	24,510.27	
32 18 23 29-0017	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ MT 41 Fields Note: Per sport.	7,659.46	
32 18 23 29-0018	EA	End Zone Lettering For AstroTurf® GameDay Grass™ MT 41 Fields Note: Per letter. Excludes outline.	2,844.94	
32 18 23 29-0019	EA	Colored End Zone For AstroTurf® GameDay Grass™ MT 41 Fields Note: Per end zone.	2,626.10	
32 18 23 29-0020	EA	Simple Logo For AstroTurf® GameDay Grass™ MT 41 Fields Note: Block letter.	22,978.38	
32 18 23 29-0021	EA	Deluxe Logo For AstroTurf® GameDay Grass™ MT 41 Fields Note: Graphic.	33,318.65	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 29-0022		45 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT 45) *(32 18 23 29-0003)*		
32 18 23 29-0023	SF	45 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Ambient Rubber Infill (AstroTurf® GameDay Grass™ MT 45)	10.50	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.26*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.31*	
		For Cryo Rubber And Sand Infill, Add	*0.36*	
32 18 23 29-0024	EA	Football Markings For AstroTurf® GameDay Grass™ MT 45 Fields	30,090.74	
32 18 23 29-0025	EA	Baseball Markings For AstroTurf® GameDay Grass™ MT 45 Fields	26,479.85	
32 18 23 29-0026	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ MT 45 Fields Note: Per sport.	8,206.56	
32 18 23 29-0027	EA	End Zone Lettering For AstroTurf® GameDay Grass™ MT 45 Fields Note: Per letter. Excludes outline.	3,063.78	
32 18 23 29-0028	EA	Colored End Zone For AstroTurf® GameDay Grass™ MT 45 Fields Note: Per end zone.	2,735.52	
32 18 23 29-0029	EA	Simple Logo For AstroTurf® GameDay Grass™ MT 45 Fields Note: Block letter.	24,072.59	
32 18 23 29-0030	EA	Deluxe Logo For AstroTurf® GameDay Grass™ MT 45 Fields Note: Graphic.	34,905.25	
32 18 23 29-0031		Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3D) *(32 18 23 29-0002)*		
32 18 23 29-0032		52 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3DX 52) *(32 18 23 29-0031)*		
32 18 23 29-0033	SF	52 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3DX 52)	11.74	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.20*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.25*	
		For Cryo Rubber And Sand Infill, Add	*0.30*	
32 18 23 29-0034	EA	Football Markings For AstroTurf® GameDay Grass™ 3DX 52 Fields	31,184.76	
32 18 23 29-0035	EA	Baseball Markings For AstroTurf® GameDay Grass™ 3DX 52 Fields	33,263.74	
32 18 23 29-0036	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3DX 52 Fields Note: Per sport.	9,300.72	
32 18 23 29-0037	EA	End Zone Lettering For AstroTurf® GameDay Grass™ 3DX 52 Fields Note: Per letter. Excludes outline.	3,501.45	
32 18 23 29-0038	EA	Colored End Zone For AstroTurf® GameDay Grass™ 3DX 52 Fields Note: Per end zone.	2,954.35	
32 18 23 29-0039	EA	Simple Logo For AstroTurf® GameDay Grass™ 3DX 52 Fields Note: Block letter.	26,260.85	
32 18 23 29-0040	EA	Deluxe Logo For AstroTurf® GameDay Grass™ 3DX 52 Fields Note: Graphic.	38,078.23	
32 18 23 29-0041		60 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3DX 60) *(32 18 23 29-0031)*		
32 18 23 29-0042	SF	60 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3DX 60)	12.14	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.20*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.25*	
		For Cryo Rubber And Sand Infill, Add	*0.30*	
32 18 23 29-0043	EA	Football Markings For AstroTurf® GameDay Grass™ 3DX 60 Fields	31,731.86	
32 18 23 29-0044	EA	Baseball Markings For AstroTurf® GameDay Grass™ 3DX 60 Fields	36,984.03	
32 18 23 29-0045	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3DX 60 Fields Note: Per sport.	9,847.82	
32 18 23 29-0046	EA	End Zone Lettering For AstroTurf® GameDay Grass™ 3DX 60 Fields Note: Per letter. Excludes outline.	3,720.29	
32 18 23 29-0047	EA	Colored End Zone For AstroTurf® GameDay Grass™ 3DX 60 Fields Note: Per end zone.	3,063.77	
32 18 23 29-0048	EA	Simple Logo For AstroTurf® GameDay Grass™ 3DX 60 Fields Note: Block letter.	27,355.05	
32 18 23 29-0049	EA	Deluxe Logo For AstroTurf® GameDay Grass™ 3DX 60 Fields Note: Graphic.	39,664.82	
32 18 23 29-0050		52 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3D 52) *(32 18 23 29-0031)*		
32 18 23 29-0051	SF	52 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3D 52)	12.15	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.20*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.25*	
		For Cryo Rubber And Sand Infill, Add	*0.30*	
32 18 23 29-0052	EA	Football Markings For AstroTurf® GameDay Grass™ 3D 52 Fields	32,278.96	
32 18 23 29-0053	EA	Baseball Markings For AstroTurf® GameDay Grass™ 3D 52 Fields	37,202.87	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 29-0054	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3D 52 Fields Note: Per sport.	10,394.92	
32 18 23 29-0055	EA	End Zone Lettering For AstroTurf® GameDay Grass™ 3D 52 Fields Note: Per letter. Excludes outline.	3,939.13	
32 18 23 29-0056	EA	Colored End Zone For AstroTurf® GameDay Grass™ 3D 52 Fields Note: Per end zone.	3,173.19	
32 18 23 29-0057	EA	Simple Logo For AstroTurf® GameDay Grass™ 3D 52 Fields Note: Block letter.	28,449.25	
32 18 23 29-0058	EA	Deluxe Logo For AstroTurf® GameDay Grass™ 3D 52 Fields Note: Graphic.	41,251.42	

32 18 23 29-0059 60 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3D 60) *(32 18 23 29-0031)*

32 18 23 29-0060	SF	60 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3D 60)	12.38	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.20*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.25*	
		For Cryo Rubber And Sand Infill, Add	*0.30*	
32 18 23 29-0061	EA	Football Markings For AstroTurf® GameDay Grass™ 3D 60 Fields	32,826.06	
32 18 23 29-0062	EA	Baseball Markings For AstroTurf® GameDay Grass™ 3D 60 Fields	39,610.11	
32 18 23 29-0063	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3D 60 Fields Note: Per sport.	10,942.02	
32 18 23 29-0064	EA	End Zone Lettering For AstroTurf® GameDay Grass™ 3D 60 Fields Note: Per letter. Excludes outline.	4,376.81	
32 18 23 29-0065	EA	Colored End Zone For AstroTurf® GameDay Grass™ 3D 60 Fields Note: Per end zone.	3,282.61	
32 18 23 29-0066	EA	Simple Logo For AstroTurf® GameDay Grass™ 3D 60 Fields Note: Block letter.	29,543.45	
32 18 23 29-0067	EA	Deluxe Logo For AstroTurf® GameDay Grass™ 3D 60 Fields Note: Graphic.	42,838.01	

32 18 23 29-0068 Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ XPe) *(32 18 23 29-0002)*

32 18 23 29-0069 38 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ XPe 38) *(32 18 23 29-0068)*

32 18 23 29-0070	SF	38 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ XPe 38)	9.90	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.26*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.31*	
		For Cryo Rubber And Sand Infill, Add	*0.36*	
32 18 23 29-0071	EA	Football Markings For AstroTurf® GameDay Grass™ XPe 38 Fields	27,902.32	
32 18 23 29-0072	EA	Baseball Markings For AstroTurf® GameDay Grass™ XPe 38 Fields	20,571.12	
32 18 23 29-0073	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ XPe 38 Fields Note: Per sport.	6,018.15	
32 18 23 29-0074	EA	End Zone Lettering For AstroTurf® GameDay Grass™ XPe 38 Fields Note: Per letter. Excludes outline.	2,188.42	
32 18 23 29-0075	EA	Colored End Zone For AstroTurf® GameDay Grass™ XPe 38 Fields Note: Per end zone.	2,297.84	
32 18 23 29-0076	EA	Simple Logo For AstroTurf® GameDay Grass™ XPe 38 Fields Note: Block letter.	19,695.75	
32 18 23 29-0077	EA	Deluxe Logo For AstroTurf® GameDay Grass™ XPe 38 Fields Note: Graphic.	28,558.84	

32 18 23 29-0078 42 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ XPe 42) *(32 18 23 29-0068)*

32 18 23 29-0079	SF	42 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ XPe 42)	8.72	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.26*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.31*	
		For Cryo Rubber And Sand Infill, Add	*0.36*	
32 18 23 29-0080	EA	Football Markings For AstroTurf® GameDay Grass™ XPe 42 Fields	28,449.25	
32 18 23 29-0081	EA	Baseball Markings For AstroTurf® GameDay Grass™ XPe 42 Fields	21,884.04	
32 18 23 29-0082	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ XPe 42 Fields Note: Per sport.	6,565.21	
32 18 23 29-0083	EA	End Zone Lettering For AstroTurf® GameDay Grass™ XPe 42 Fields Note: Per letter. Excludes outline.	2,407.24	
32 18 23 29-0084	EA	Colored End Zone For AstroTurf® GameDay Grass™ XPe 42 Fields Note: Per end zone.	2,407.24	
32 18 23 29-0085	EA	Simple Logo For AstroTurf® GameDay Grass™ XPe 42 Fields Note: Block letter.	20,789.84	
32 18 23 29-0086	EA	Deluxe Logo For AstroTurf® GameDay Grass™ XPe 42 Fields Note: Graphic.	30,145.27	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 18 23 29-0087 Tufted Monofilament Nylon Synthetic Turf With Nylon Root Zone And Attached Pad (AstroTurf® PureGrass®) *(32 18 23 29-0002)*

32 18 23 29-0088	SF	Tufted Monofilament Nylon Synthetic Turf With Nylon Root Zone And Attached Pad (AstroTurf® PureGrass®)	19.40	
32 18 23 29-0089	SF	Tufted Monofilament Nylon Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® PureGrass®)	17.39	
32 18 23 29-0090	EA	Football Markings For AstroTurf® PureGrass® Fields	53,991.73	
32 18 23 29-0091	EA	Baseball Markings For AstroTurf® PureGrass® Fields	64,144.02	
32 18 23 29-0092	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® PureGrass® Fields Note: Per sport.	15,689.91	
32 18 23 29-0093	EA	End Zone Lettering For AstroTurf® PureGrass® Fields Note: Per letter. Excludes outline.	5,999.08	
32 18 23 29-0094	EA	Colored End Zone For AstroTurf® PureGrass® Fields Note: Per end zone.	4,452.93	
32 18 23 29-0095	EA	Simple Logo For AstroTurf® PureGrass® Fields Note: Block letter.	40,076.34	
32 18 23 29-0096	EA	Deluxe Logo For AstroTurf® PureGrass® Fields Note: Graphic.	58,837.14	

32 18 23 29-0097 Synthetic Turf (G9 Turf) *(32 18 23 29-0001)*

Note: Includes labor, equipment and material required to install the task.

32 18 23 29-0098	SF	2-1/2" Height, 53 Ounce, Tufted 3/8" Gauge Monofilament Synthetic Turf With Thatch Layer And Ethylene Propylene Diene Monomer (EPDM) Infill (G9 Turf Playmaker Turf) Note: For football and multi-sport fields. Excludes preparation of sub-base, grooming, sports lines and logos.	10.77	
		For >35,000, Deduct	*-0.97*	
32 18 23 29-0099	SF	2" Height, 48 Ounce, Tufted 3/8" Gauge Monofilament Synthetic Turf With Thatch Layer And Ethylene Propylene Diene Monomer (EPDM) Infill (G9 Turf Striker Turf) Note: For all sports other than football. Excludes preparation of sub-base, grooming, sports lines and logos.	10.67	
		For >35,000, Deduct	*-0.97*	
32 18 23 29-0100	SF	1-3/4" Height, 72 Ounce, Tufted 3/8" Gauge, Two-Color Monofilament Synthetic Turf With Thatch Layer And Acrylic Coated Sand Infill (G9 Turf Perennial Turf) Note: For landscaped areas or playgrounds. Excludes preparation of sub-base, grooming, sports lines and logos.	11.14	
32 18 23 29-0101	EA	Football Inlays For G9 Synthetic Turf Note: Includes field grid, numbers, arrows, coach's box and kick off lines.	74,661.11	
32 18 23 29-0102	EA	Soccer Inlays For G9 Synthetic Turf	32,353.15	
32 18 23 29-0103	EA	Boys Lacrosse Inlays For G9 Synthetic Turf	32,353.15	
32 18 23 29-0104	EA	Girls Lacrosse Inlays For G9 Synthetic Turf	32,353.15	
32 18 23 29-0105	EA	Field Hockey Inlays For G9 Synthetic Turf	32,353.15	
32 18 23 29-0106	EA	End Zone Lettering For G9 Synthetic Turf Note: Priced per letter. Includes single color outlining.	3,733.06	
32 18 23 29-0107	SF	Ethylene Propylene Diene Monomer (EPDM) Black Infill For G9 Synthetic Turf	3.50	
32 18 23 29-0108	SF	Ethylene Propylene Diene Monomer (EPDM) Color Infill For G9 Synthetic Turf	9.13	
32 18 23 29-0109	SF	Styrene-Butadiene Rubber (SBR) Infill For G9 Synthetic Turf	2.60	
32 18 23 29-0110	SF	Sand Infill For G9 Synthetic Turf	1.31	
32 18 23 29-0111	SF	Acrylic Coated Sand Infill For G9 Synthetic Turf	2.16	
32 18 23 29-0112	EA	Gmax Compaction And Hardness Test For G9 Synthetic Turf Note: Includes a comprehensive report.	2,488.70	
32 18 23 29-0113	EA	Safety Bridge Over Track For G9 Synthetic Turf	24,887.04	
32 18 23 29-0114	SF	Clean And Groom Synthetic Turf Note: Includes using equipment to pick up metal particles in the field, air vacuum the top 2-5 mm of infill, clean and screen to remove broken strands, dirt, bandage, etc.	0.82	
		For >10,000 To 30,000, Deduct	*-0.33*	
		For >30,000 To 60,000, Deduct	*-0.57*	
		For >60,000, Deduct	*-0.63*	
32 18 23 29-0115	SF	Rejuvenate Synthetic Turf And Reinstall Existing Infill Note: Includes using equipment to extract 10 to 20 mm of infill by delivering high-pressure air into the carpet, decompacting the surface and driving out the infill leaving the fiber standing straight up. Includes reinstalling the old infill that was removed.	5.58	
32 18 23 29-0116	SF	Rejuvenate Synthetic Turf For Installation Of New Infill Note: Includes using equipment to extract 10 to 20 mm of infill by delivering high-pressure air into the carpet, decompacting the surface and driving out the infill leaving the fiber standing straight up. Includes disposing of the old infill. Excludes new infill.	6.20	
32 18 23 29-0117	SF	Drainage Layer For G9 Synthetic Turf Note: Used for drainage over asphalt or on rooftops.	5.08	
32 18 23 29-0118	SF	15 mm, Shock Pad For G9 Synthetic Turf Note: Used for additional Gmax for a stone base field.	3.12	
32 18 23 29-0119	EA	Single Visit Repair Call To Repair Up To 300 LF Of Inlay Lines Or Seams On G9 Synthetic Turf Note: Includes field inspection and report.	4,959.80	
32 18 23 29-0120	LF	Repair Inlay Lines Or Seams On G9 Synthetic Turf Note: Linear foot price for repairs over the initial repair call maximum of 300 LF.	13.64	
32 18 23 29-0121	LF	Nailer Used To Attach G9 Synthetic Turf	5.46	
32 18 23 29-0122	SF	Removal And Recycling Of Existing Field Note: Includes removal, shipping and recycling of infill, fibers and backing.	3.84	

32 18 23 33 Running Track Surfacing *(32 18 23)*

32 18 23 33-0001 Running Track Surfacing *(32 18 23 33)*

32 18 23 33-0002	SY	2-1/2" Asphaltic Concrete Running Track Surfacing	39.61	

32 18 23 33-0003 Running Track Seal And Colored Surfaces *(32 18 23 33)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 33-0004	SY	1 Seal Coat, Striping Of Track Note: Includes certification.	17.82	

32 18 23 39 Synthetic Running Track Surfacing *(32 18 23)*

32 18 23 39-0001 Synthetic Running Track Surfacing And Striping *(32 18 23 39)*

Note: Includes labor, equipment and material required to install the task. Excludes asphalt base.

32 18 23 39-0002	SY	Paved-In-Place Styrene-Butadiene Rubber (SBR) Or Ethylene Propylene Diene Monomer (EPDM) Rubber Granule Base Mat With Polyurethane Binder, Synthetic Running Track Surfacing	89.61	8.29
		For >5,500, Deduct	*-6.87*	
		For Up To 4,000, Add	*21.85*	
32 18 23 39-0003	SY	Paved-In-Place Styrene-Butadiene Rubber (SBR) Granule Base Mat With Polyurethane Binder Finished With A Textured And Pigmented Polyurethane And Ethylene Propylene Diene Monomer (EPDM) Rubber Structural Spray Coat, Synthetic Running Track Surfacing	112.13	8.29
		For >5,500, Deduct	*-9.21*	
		For Up To 4,000, Add	*29.32*	
		For Custom Color Upgrade, Add	*7.96*	
		For Aliphatic Top Coating, Add	*15.08*	
32 18 23 39-0004	SY	Paved-In-Place Ethylene Propylene Diene Monomer (EPDM) Rubber Granule Base Mat With Polyurethane Binder, Two-Component Polyurethane Sealer Layer And Two-Component Polyurethane Wearing Layer With Embedded Ethylene Propylene Diene Monomer (EPDM) Rubber, Synthetic Running Track Surfacing	183.31	8.29
		For >5,500, Deduct	*-8.45*	
		For Up To 4,000, Add	*49.27*	
		For Custom Color Upgrade, Add	*10.84*	
		For Aliphatic Top Coating, Add	*20.13*	
32 18 23 39-0005	SY	Full Pour Two-Component Polyurethane Track System With Embedded Ethylene Propylene Diene Monomer (EPDM) Rubber Surface, Synthetic Running Track Surfacing	238.30	8.29
		For >5,500, Deduct	*-10.91*	
		For Up To 4,000, Add	*63.65*	
		For Custom Color Upgrade, Add	*14.18*	
		For Aliphatic Top Coating, Add	*20.73*	
32 18 23 39-0006	SY	Latex Binder, Synthetic Running Track Surfacing	80.00	
		For >5,500, Deduct	*-11.60*	
		For Up To 4,000, Add	*28.00*	
32 18 23 39-0007	SY	Spray Retop Running Tracks	70.27	
		For Up To 4,000, Add	*24.59*	
		For >5,500, Deduct	*-6.87*	
32 18 23 39-0008	SY	Sandwich Retop Running Tracks	136.01	
		For Up To 4,000, Add	*47.60*	
		For >5,500, Deduct	*-14.34*	

32 18 23 53 Tennis Court Surfacing *(32 18 23)*

32 18 23 53-0001 Tennis Court Surfacing *(32 18 23 53)*

See CSI section 32 18 23 61-0000 for 100% acrylic tennis court surfacing.

32 18 23 53-0002	SY	Tennis Court Bituminous Pavement, 2-1/2" Thick	41.60

32 18 23 53-0003 Tennis Court Markings *(32 18 23 53)*

32 18 23 53-0004	EA	Paint Markings On Asphalt Tennis Court 2 Coats	540.10

32 18 23 56 Natural Tennis Court Surfacing *(32 18 23)*

32 18 23 56-0001	SY	Clay Tennis Court	57.64
32 18 23 56-0002	SY	Tennis Court, Pulverized Natural Greenstone, Fast Dry Note: Includes 4" base.	64.10
32 18 23 56-0003	SY	Tennis Court, Rubber-Cork Base Resilient Pavement	22.35
32 18 23 56-0004	SY	Resurface Clay Tennis Court	16.86
32 18 23 56-0005	SY	Resurface Tennis Court, Pulverized Natural Greenstone	14.32
32 18 23 56-0006	SY	Resurface Tennis Court, Resilient Pavement	9.69

32 18 23 61 Multi-Use, Tennis Court, Basketball Court Athletic Surfacing *(32 18 23)*

32 18 23 61-0001 100% Acrylic Athletic Surfacing System (Plexipave®) *(32 18 23 61)*

Note: Excludes asphalt or concrete sub base and repairs of sub base.

32 18 23 61-0002 Surface Preparation For Athletic Surfacing System (Plexipave®) *(32 18 23 61-0001)*

32 18 23 61-0003	SY	100% Acrylic Resurfacer, Athletic Surfacing System (California Products Plexipave® Acrylic Resurfacer), Per Coat Note: Includes ultra fine silica sand. Applied with rubber squeegee.	1.75
32 18 23 61-0004	SY	Acid Etching Concrete Pre-Treatment For Plexipave® Athletic Surfacing System (California Products Plexipave® Concrete Preparer®), Per Coat Note: For previously uncoated portland cement concrete. Applied with broom.	0.87
32 18 23 61-0005	SY	Two-Part, Water Based Epoxy Primer For Plexipave® Athletic Surfacing System (California Products Plexipave® Ti-Coat®), Per Coat Note: For new or uncoated portland cement concrete. Applied with a short nap phenolic roller.	2.24
32 18 23 61-0006	SY	Up To 1/2" Thick, Acrylic Latex Patching Compound, Athletic Surfacing System (California Products Plexipave® Court Patch Binder), Per Coat Note: For patching depressions and uneven texture in new or existing asphalt or concrete surfaces. Includes ultra fine silica sand and portland cement. Applied with trowel or metal screed.	97.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 61-0007		Surface Coatings For Athletic Surfacing System (Plexipave®) *(32 18 23 61-0001)*		
		Note: Standard color includes dark green, Florida green, light green, maroon, Sahara sand, brown, California red, and cape gray.		
32 18 23 61-0008	SY	100% Acrylic Emulsion Color Coating, Athletic Surfacing System (California Products Fortified Plexipave®), First Coat	3.47	
		Note: Includes ultra fine silica sand. Applied with rubber squeegee.		
		For Pacific Blue, Add	*1.21*	
		For US Open Blue, Add	*1.87*	
32 18 23 61-0009	SY	100% Acrylic Emulsion Color Coating, Athletic Surfacing System (California Products Fortified Plexipave®), Second Coat	2.86	
		Note: Includes ultra fine silica sand. Applied with rubber squeegee.		
		For Pacific Blue, Add	*0.87*	
		For US Open Blue, Add	*1.34*	
32 18 23 61-0010	SY	100% Acrylic Emulsion Color Coating, Athletic Surfacing System (California Products Fortified Plexipave®), Third Coat	2.51	
		Note: Price per coat for third or additional coats. Includes ultra fine silica sand. Applied with rubber squeegee.		
		For Pacific Blue, Add	*0.67*	
		For US Open Blue, Add	*1.04*	
32 18 23 61-0011	SY	Non-Textured, 100% Acrylic Emulsion Color Coating Finish, Athletic Surfacing System (California Products Plexipave® Plexichrome®), Per Coat	2.50	
		Note: Non-textured finish coat over Plexipave® for faster playing surfaces. Applied with rubber squeegee followed by wide hair-type push broom.		
		For Pacific Blue, Add	*0.81*	
		For US Open Or Australian Open Blue, Add	*1.32*	
		For Pro Purple, Add	*2.28*	
32 18 23 61-0012		Line Striping For Athletic Surfacing System (Plexipave®) *(32 18 23 61-0001)*		
32 18 23 61-0013	SY	Tennis Or Basketball Court Line Striping For Athletic Surfacing System, Per SY Of Court (California Products Plexipave® Hi-Hide Plexicolor®)	1.75	
		Note: Textured or non-textured highly reflective line marking paint.		
32 18 23 61-0014		Cushion Coatings For Athletic Surfacing System (Plexipave® Plexicushion®) *(32 18 23 61-0001)*		
32 18 23 61-0015	SY	Resilient Latex Undercoating Base Coat, Athletic Surfacing System (California Products Plexipave® Plexicushion® Base Coat), First Coat	5.22	
		Note: Applied with rubber squeegee.		
32 18 23 61-0016	SY	Resilient Latex Undercoating Base Coat, Athletic Surfacing System (California Products Plexipave® Plexicushion® Base Coat), Second Coat	7.04	
		Note: Applied with rubber squeegee.		
32 18 23 61-0017	SY	Resilient Latex Undercoating Base Coat, Athletic Surfacing System (California Products Plexipave® Plexicushion® Base Coat), Third Coat	6.09	
		Note: Price per coat for third or additional coats. Applied with rubber squeegee.		
32 18 23 61-0018	SY	Resilient Latex Undercoating, Athletic Surfacing System (California Products Plexipave® Plexicushion®), First Coat	4.62	
		Note: Applied with rubber squeegee.		
32 18 23 61-0019	SY	Resilient Latex Undercoating, Athletic Surfacing System (California Products Plexipave® Plexicushion®), Second Coat	3.57	
		Note: Price per coat for second or additional coats. Applied with rubber squeegee.		
32 18 23 61-0020		Resurface Athletic Court *(32 18 23 61)*		
		Note: Excludes asphalt or concrete sub base and repairs of sub base.		
32 18 23 61-0021	SY	Court Resurfacing System, 2 Coats Resurfacer, 2 Coats Color, And Sand (SealMaster)	3.00	

32 30 Site Improvements *(32)*

32 31 Fences and Gates *(32 30)*

32 31 11 Gate Operators *(32 31)*

32 31 11 00-0001		Gate Operators *(32 31 11)*		
		Note: Excludes gates, electrical connections, access controls and concrete foundation.		
32 31 11 00-0002		Gate Operators (DKS™ DoorKing®) *(32 31 11 00-0001)*		
32 31 11 00-0003		Swing Gate Actuator (DKS™ DoorKing®) *(32 31 11 00-0002)*		
32 31 11 00-0004		Single Gate, Swing Gate Actuator *(32 31 11 00-0003)*		
32 31 11 00-0005	EA	Up To 10' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Actuator (DKS™ DoorKing® 6003)	2,405.49	261.57
		Note: Includes one primary operator with a 10' wide gate capacity.		
32 31 11 00-0006	EA	Up To 14' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Actuator (DKS™ DoorKing® 6002)	3,221.19	261.57
		Note: Includes one primary operator with a 14' wide gate capacity.		
32 31 11 00-0007		Dual Gate, Swing Gate Actuator *(32 31 11 00-0003)*		
32 31 11 00-0008	EA	Up To 10' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Actuator (DKS™ DoorKing® 6003)	4,810.99	523.12
		Note: Includes one primary and one secondary operator each with a 10' wide gate capacity.		
32 31 11 00-0009	EA	Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Actuator (DKS™ DoorKing® 6002)	6,442.38	523.12
		Note: Includes one primary and one secondary operator each with a 14' wide gate capacity.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 11 00-0010		Swing Gate Operators (DKS™ DoorKing®) *(32 31 11 00-0002)*		
32 31 11 00-0011		Single Gate, Swing Gate Operators *(32 31 11 00-0010)*		
32 31 11 00-0012	EA	400 Lb. Capacity, Up To 10' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6050)	4,957.15	261.57
		Note: Includes one primary operator with a 10' wide and 400 Lb. gate capacity.		
32 31 11 00-0013	EA	500 Lb. Capacity, Up To 14' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6100)	5,396.37	261.57
		Note: Includes one primary operator with a 14' wide and 500 Lb. gate capacity.		
32 31 11 00-0014	EA	700 Lb. Capacity, Up To 18' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6500)	7,341.49	261.57
		Note: Includes one primary operator with an 18' wide and 700 Lb. gate capacity.		
		For 208/230/460 Volt AC, Add	*322.50*	
32 31 11 00-0015	EA	800 Lb. Capacity, Up To 22' Wide Gate, 1 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6500)	8,324.51	261.57
		Note: Includes one primary operator with a 22' wide and 800 Lb. gate capacity.		
		For 208/230/460 Volt AC, Add	*322.50*	
32 31 11 00-0016		Dual Gate, Swing Gate Operators *(32 31 11 00-0010)*		
32 31 11 00-0017	EA	400 Lb. Capacity, Up To 10' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6050)	8,763.98	523.12
		Note: Includes one primary and one secondary operator each with a 10' wide and 400 Lb. gate capacity.		
32 31 11 00-0018	EA	500 Lb. Capacity, Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6100)	9,642.42	523.12
		Note: Includes one primary and one secondary operator each with a 14' wide and 500 Lb. gate capacity.		
32 31 11 00-0019	EA	700 Lb. Capacity, Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6500)	13,511.74	523.12
		Note: Includes one primary and one secondary operator each with an 18' wide and 700 Lb. gate capacity.		
		For 208/230/460 Volt AC, Add	*322.50*	
32 31 11 00-0020	EA	800 Lb. Capacity, Up To 22' Wide Gates, 1 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6500)	15,666.01	523.12
		Note: Includes one primary and one secondary operator each with a 22' wide and 800 Lb. gate capacity.		
		For 208/230/460 Volt AC, Add	*322.50*	
32 31 11 00-0021		Sliding Gate Operators (DKS™ DoorKing®) *(32 31 11 00-0002)*		
		Note: Includes 20' of chain. See CSI section 32 31 11 00-0030 for additional chain over 20'.		
32 31 11 00-0022	EA	300 Lb. Capacity, Up To 16' Wide Gate, 1/2 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9050)	2,255.25	261.57
		Note: Includes operator, chain brackets, hardware and 20' of #41 chain.		
32 31 11 00-0023	EA	1,000 Lb. Capacity, Up To 30' Wide Gate, 1/2 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9100)	3,147.21	313.87
		Note: Includes operator, chain brackets, hardware and 20' of #41 chain.		
32 31 11 00-0024	EA	1,500 Lb. Capacity, Up To 45' Wide Gate, 1 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9150)	3,882.05	313.87
		Note: Includes operator, chain brackets, hardware and 20' of #40 chain.		
32 31 11 00-0025	EA	3,000 Lb. Capacity, Up To 100' Wide Gate, 1 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9210)	5,062.69	366.18
		Note: Includes operator, chain brackets, hardware and 20' of #50 chain.		
32 31 11 00-0026	EA	2,000 Lb. Capacity, Up To 100' Wide Gate, 1 HP Motor, 208/230 Volt AC, Variable Speed, Sliding Gate Operator (DKS™ DoorKing® 9220)	6,196.45	366.18
		Note: Includes operator, chain brackets, hardware and 20' of #50 chain.		
32 31 11 00-0027	EA	5,000 Lb. Capacity, Up To 100' Wide Gate, 3 HP Motor, 208/230 Volt AC, Variable Speed, Sliding Gate Operator (DKS™ DoorKing® 9230)	8,442.62	418.50
		Note: Includes operator, chain brackets, hardware and 20' of #60 chain.		
32 31 11 00-0028	EA	5,000 Lb. Capacity, Up To 100' Wide Gate, 3 HP Motor, 208/230 Volt AC, High Speed, Sliding Gate Operator (DKS™ DoorKing® 9530)	14,064.16	418.50
		Note: Includes operator, chain brackets, hardware and 20' of #60 chain.		
32 31 11 00-0029	EA	10,000 Lb. Capacity, Up To 160' Wide Gate, 5 HP Motor, 208/230 Volt AC, High Speed, Sliding Gate Operator (DKS™ DoorKing® 9550)	23,805.72	470.82
		Note: Includes operator, chain brackets, hardware and 20' of #60 chain.		
32 31 11 00-0030		Accessories For Gate Actuators And Operators (DKS™ DoorKing®) *(32 31 11 00-0002)*		
32 31 11 00-0031	EA	Single Channel Detector Loop For Gate Actuators And Operators (DKS™ DoorKing® 9410)	783.44	
32 31 11 00-0032	EA	Two Channel Detector Loop For Gate Actuators And Operators (DKS™ DoorKing® 9409)	1,522.97	
32 31 11 00-0033	EA	Heater Kit For Gate Actuators And Operators (DKS™ DoorKing® 1601)	1,045.86	
32 31 11 00-0034	EA	Photoelectric Eye For Gate Actuators And Operators (DKS™ DoorKing® 8080-031)	1,129.56	
32 31 11 00-0035	EA	Reversing Edge Sensor For Gate Actuators And Operators (DKS™ DoorKing® 8080-020)	1,004.07	
32 31 11 00-0036	EA	Post Mount Base Plate For Gate Actuators And Operators (DKS™ DoorKing® 9310)	700.80	
32 31 11 00-0037	LF	#40 Chain For Sliding Gate Operators	7.06	
32 31 11 00-0038	LF	#41 Chain For Sliding Gate Operators	7.37	
32 31 11 00-0039	LF	#50 Chain For Sliding Gate Operators	9.41	
32 31 11 00-0040	LF	#60 Chain For Sliding Gate Operators	14.45	
32 31 11 00-0041	EA	Exterior Keypad Gate Operator (Linear AK-11)	775.32	163.95
32 31 11 00-0042		Sliding Gate Operator (LiftMaster) *(32 31 11 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 11 00-0043	EA	Up To 1,500 Lb. Capacity, 120/230 Volt, Single Phase, Sliding Gate Operator With 24 Volt DC Motor (Liftmaster® CSL24U) Note: Includes 30' Chain, Retro-Reflective Photoelectric Sensor and Reflector Hoods (LMRRUL) and 5' Resistive Safety Edge (S505AL).	3,278.55	319.89
		For Monitored Wireless Edge Receiver And Transmitter Option (Liftmaster LMWEKITU), Add	*218.33*	
		For Plug-In Loop Detector Option (Liftmaster LOOPDETLM), Add	*156.28*	
		For LED Strobe Light With Siren (Liftmaster SL-1301-SAQ), Add	*76.96*	
		For 10 Watt Solar Panel (Liftmaster SP10W12V), Add	*309.35*	
		For Each Additional 10' Chain, Add	*46.34*	

32 31 13 Chain Link Fences and Gates *(32 31)*

32 31 13 13 Chain Link Fences and Gates *(32 31 13)*

32 31 13 13-0001 Post Holes *(32 31 13 13)*

Note: Excludes spreading of excess material on site or loading and removal of excavated material from site. See CSI section 02 41 19 13-0081 for core drilling in concrete, 02 41 19 13-0219 for core drilling in asphalt.

32 31 13 13-0002 Auger By Machine Fence Post Hole In Soil *(32 31 13 13-0001)*

32 31 13 13-0003	VLF	Up To 2-1/2" Diameter Hole, Auger By Machine Fence Post Hole In Soil	11.69
32 31 13 13-0004	VLF	2-1/2" Diameter Hole, Auger By Machine Fence Post Hole In Soil	13.15
32 31 13 13-0005	VLF	3" Diameter Hole, Auger By Machine Fence Post Hole In Soil	15.58
32 31 13 13-0006	VLF	4" Diameter Hole, Auger By Machine Fence Post Hole In Soil	17.53
32 31 13 13-0007	VLF	6" Diameter Hole, Auger By Machine Fence Post Hole In Soil	19.12
32 31 13 13-0008	VLF	8" Diameter Hole, Auger By Machine Fence Post Hole In Soil	21.04
32 31 13 13-0009	VLF	10" Diameter Hole, Auger By Machine Fence Post Hole In Soil	23.38
32 31 13 13-0010	VLF	12" Diameter Hole, Auger By Machine Fence Post Hole In Soil	26.30
32 31 13 13-0011	VLF	18" Diameter Hole, Auger By Machine Fence Post Hole In Soil	30.06
32 31 13 13-0012	VLF	24" Diameter Hole, Auger By Machine Fence Post Hole In Soil	35.06
32 31 13 13-0013	VLF	30" Diameter Hole, Auger By Machine Fence Post Hole In Soil	42.07
32 31 13 13-0014	VLF	36" Diameter Hole, Auger By Machine Fence Post Hole In Soil	52.59

32 31 13 13-0015 Post Hole In Rock *(32 31 13 13-0001)*

32 31 13 13-0016	CF	Jackhammer Post Hole In Rock	88.03
32 31 13 13-0017	CF	Rock Drill Post Hole In Rock	25.05

32 31 13 13-0018 Fill For Post Holes *(32 31 13 13-0001)*

32 31 13 13-0019 Concrete Fill For Post Holes *(32 31 13 13-0018)*

32 31 13 13-0020	VLF	Up To 2-1/2" Diameter, Concrete Fill For Post Hole	6.80
32 31 13 13-0021	VLF	2-1/2" Diameter, Concrete Fill For Post Hole	8.75
32 31 13 13-0022	VLF	3" Diameter, Concrete Fill For Post Hole	9.62
32 31 13 13-0023	VLF	4" Diameter, Concrete Fill For Post Hole	11.01
32 31 13 13-0024	VLF	6" Diameter, Concrete Fill For Post Hole	15.50
32 31 13 13-0025	VLF	8" Diameter, Concrete Fill For Post Hole	20.70
32 31 13 13-0026	VLF	10" Diameter, Concrete Fill For Post Hole	25.30
32 31 13 13-0027	VLF	12" Diameter, Concrete Fill For Post Hole	29.49
32 31 13 13-0028	VLF	18" Diameter, Concrete Fill For Post Hole	40.06
32 31 13 13-0029	VLF	24" Diameter, Concrete Fill For Post Hole	49.61
32 31 13 13-0030	VLF	30" Diameter, Concrete Fill For Post Hole	58.90
32 31 13 13-0031	VLF	36" Diameter, Concrete Fill For Post Hole	68.53

32 31 13 13-0032 Grout Fill For Post Holes *(32 31 13 13-0018)*

32 31 13 13-0033	VLF	Up To 2-1/2" Diameter, Grout Fill For Post Hole	8.10
32 31 13 13-0034	VLF	2-1/2" Diameter, Grout Fill For Post Hole	10.43
32 31 13 13-0035	VLF	3" Diameter, Grout Fill For Post Hole	11.34
32 31 13 13-0036	VLF	4" Diameter, Grout Fill For Post Hole	12.71
32 31 13 13-0037	VLF	6" Diameter, Grout Fill For Post Hole	17.74
32 31 13 13-0038	VLF	8" Diameter, Grout Fill For Post Hole	23.67
32 31 13 13-0039	VLF	10" Diameter, Grout Fill For Post Hole	28.82
32 31 13 13-0040	VLF	12" Diameter, Grout Fill For Post Hole	33.43
32 31 13 13-0041	VLF	18" Diameter, Grout Fill For Post Hole	44.60
32 31 13 13-0042	VLF	24" Diameter, Grout Fill For Post Hole	54.37
32 31 13 13-0043	VLF	30" Diameter, Grout Fill For Post Hole	63.83
32 31 13 13-0044	VLF	36" Diameter, Grout Fill For Post Hole	73.49

32 31 13 13-0045 Compacted Earth Fill For Post Holes *(32 31 13 13-0018)*

32 31 13 13-0046	VLF	Up To 2-1/2" Diameter, Compacted Earth Fill For Post Hole	5.82
32 31 13 13-0047	VLF	2-1/2" Diameter, Compacted Earth Fill For Post Hole	7.58
32 31 13 13-0048	VLF	3" Diameter, Compacted Earth Fill For Post Hole	7.92
32 31 13 13-0049	VLF	4" Diameter, Compacted Earth Fill For Post Hole	8.15
32 31 13 13-0050	VLF	6" Diameter, Compacted Earth Fill For Post Hole	10.90
32 31 13 13-0051	VLF	8" Diameter, Compacted Earth Fill For Post Hole	14.53
32 31 13 13-0052	VLF	10" Diameter, Compacted Earth Fill For Post Hole	17.43
32 31 13 13-0053	VLF	12" Diameter, Compacted Earth Fill For Post Hole	19.76
32 31 13 13-0054	VLF	18" Diameter, Compacted Earth Fill For Post Hole	24.09
32 31 13 13-0055	VLF	24" Diameter, Compacted Earth Fill For Post Hole	27.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0056	VLF	30" Diameter, Compacted Earth Fill For Post Hole	29.64	
32 31 13 13-0057	VLF	36" Diameter, Compacted Earth Fill For Post Hole	31.97	

32 31 13 13-0058 Fence Posts *(32 31 13 13)*

Note: Demolition excludes concrete footing removal on posts and excavation. See CSI section 31 23 16 36-0009 for hand excavation for footing removal (where required), 32 31 13 13-0001 for drilling for augering holes and backfill.

32 31 13 13-0059 Fence Posts *(32 31 13 13-0058)*

32 31 13 13-0060 1-7/8" H-Beam Post Without Top Rail Fitting, Galvanized Steel *(32 31 13 13-0059)*

Note: Includes cap and accessories.

32 31 13 13-0061	LF	1-7/8" Galvanized H-beam Post, Up To 6' In Length	23.72	3.42
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0062	LF	1-7/8" Galvanized H-beam Post, 7' To 10' In Length	22.74	2.91
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0063	LF	1-7/8" Galvanized H-beam Post, 11' To 15' In Length	21.56	2.41
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0064	LF	1-7/8" Galvanized H-beam Post, 16' To 20' In Length	20.61	1.90
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0065	LF	1-7/8" Galvanized H-beam Post, 21' To 24' In Length	19.98	1.65
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0066	LF	1-7/8" Galvanized H-beam Post, >24' In Length	18.99	1.14
		For Each Top Rail Fitting, Add	*0.85*	

32 31 13 13-0067 Post Without Top Rail Fitting, Galvanized Steel (1.66" Nominal) *(32 31 13 13-0059)*

Note: 1-5/8" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 13-0068	LF	Up To 6' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	16.02	3.16
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.43*	
		For Vinyl Coated, Add	*5.82*	
		For Powder Coated, Add	*7.76*	
		For Aluminum Coated, Add	*12.13*	
		For Schedule 20, Deduct	*-1.94*	
		For Schedule 80, Add	*5.29*	
32 31 13 13-0069	LF	7' To 10' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	14.94	2.66
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.40*	
		For Vinyl Coated, Add	*5.75*	
		For Powder Coated, Add	*7.67*	
		For Aluminum Coated, Add	*11.99*	
		For Schedule 20, Deduct	*-1.92*	
		For Schedule 80, Add	*5.14*	
32 31 13 13-0070	LF	11' To 15' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	13.79	2.15
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.38*	
		For Vinyl Coated, Add	*5.72*	
		For Powder Coated, Add	*7.62*	
		For Aluminum Coated, Add	*11.91*	
		For Schedule 20, Deduct	*-1.91*	
		For Schedule 80, Add	*5.00*	
32 31 13 13-0071	LF	16' To 20' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	12.92	1.65
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.38*	
		For Vinyl Coated, Add	*5.70*	
		For Powder Coated, Add	*7.60*	
		For Aluminum Coated, Add	*11.88*	
		For Schedule 20, Deduct	*-1.90*	
		For Schedule 80, Add	*4.90*	
32 31 13 13-0072	LF	21' To 24' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	12.34	1.40
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.37*	
		For Vinyl Coated, Add	*5.69*	
		For Powder Coated, Add	*7.59*	
		For Aluminum Coated, Add	*11.86*	
		For Schedule 20, Deduct	*-1.90*	
		For Schedule 80, Add	*4.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0073	LF	>24' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	11.72	1.14
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.37*	
		For Vinyl Coated, Add	*5.69*	
		For Powder Coated, Add	*7.58*	
		For Aluminum Coated, Add	*11.85*	
		For Schedule 20, Deduct	*-1.90*	
		For Schedule 80, Add	*4.77*	
32 31 13 13-0074		Post Without Top Rail Fitting, Galvanized Steel (1.90" Nominal) *(32 31 13 13-0059)*		
		Note: 2" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0075	LF	2" Outside Diameter Galvanized Steel Post, Up To 6' In Length	18.41	3.29
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.97*	
		For Vinyl Coated, Add	*7.12*	
		For Powder Coated, Add	*9.50*	
		For Aluminum Coated, Add	*14.84*	
		For Schedule 20, Deduct	*-2.37*	
		For Schedule 80, Add	*6.35*	
32 31 13 13-0076	LF	2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	17.38	2.78
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.93*	
		For Vinyl Coated, Add	*7.03*	
		For Powder Coated, Add	*9.38*	
		For Aluminum Coated, Add	*14.65*	
		For Schedule 20, Deduct	*-2.34*	
		For Schedule 80, Add	*6.19*	
32 31 13 13-0077	LF	2" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	16.17	2.27
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.91*	
		For Vinyl Coated, Add	*6.99*	
		For Powder Coated, Add	*9.32*	
		For Aluminum Coated, Add	*14.56*	
		For Schedule 20, Deduct	*-2.33*	
		For Schedule 80, Add	*6.04*	
32 31 13 13-0078	LF	2" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	15.22	1.77
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.90*	
		For Vinyl Coated, Add	*6.97*	
		For Powder Coated, Add	*9.29*	
		For Aluminum Coated, Add	*14.51*	
		For Schedule 20, Deduct	*-2.32*	
		For Schedule 80, Add	*5.93*	
32 31 13 13-0079	LF	2" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	14.60	1.52
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.90*	
		For Vinyl Coated, Add	*6.95*	
		For Powder Coated, Add	*9.27*	
		For Aluminum Coated, Add	*14.49*	
		For Schedule 20, Deduct	*-2.32*	
		For Schedule 80, Add	*5.86*	
32 31 13 13-0080	LF	2" Outside Diameter Galvanized Steel Post, >24' In Length	14.04	1.26
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.90*	
		For Vinyl Coated, Add	*6.95*	
		For Powder Coated, Add	*9.27*	
		For Aluminum Coated, Add	*14.49*	
		For Schedule 20, Deduct	*-2.32*	
		For Schedule 80, Add	*5.81*	
32 31 13 13-0081		Post Without Top Rail Fitting, Galvanized Steel (2.375" Nominal) *(32 31 13 13-0059)*		
		Note: 2-1/2" outside diameter, Schedule 40. Includes cap and accessories.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0082	LF	2-1/2" Outside Diameter Galvanized Steel Post, Up To 6' In Length	22.60	3.54
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*3.93*	
		For Vinyl Coated, Add	*9.42*	
		For Powder Coated, Add	*12.56*	
		For Aluminum Coated, Add	*19.63*	
		For Schedule 20, Deduct	*-3.14*	
		For Schedule 80, Add	*8.23*	
32 31 13 13-0083	LF	2-1/2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	21.45	3.03
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*3.88*	
		For Vinyl Coated, Add	*9.32*	
		For Powder Coated, Add	*12.42*	
		For Aluminum Coated, Add	*19.41*	
		For Schedule 20, Deduct	*-3.11*	
		For Schedule 80, Add	*8.05*	
32 31 13 13-0084	LF	2-1/2" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	20.19	2.41
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*3.86*	
		For Vinyl Coated, Add	*9.27*	
		For Powder Coated, Add	*12.36*	
		For Aluminum Coated, Add	*19.31*	
		For Schedule 20, Deduct	*-3.09*	
		For Schedule 80, Add	*7.89*	
32 31 13 13-0085	LF	2-1/2" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	19.19	1.90
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*3.85*	
		For Vinyl Coated, Add	*9.24*	
		For Powder Coated, Add	*12.32*	
		For Aluminum Coated, Add	*19.25*	
		For Schedule 20, Deduct	*-3.08*	
		For Schedule 80, Add	*7.77*	
32 31 13 13-0086	LF	2-1/2" Outside Diameter Galvanized Steel Post, 21 To 24' In Length	18.54	1.65
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*3.85*	
		For Vinyl Coated, Add	*9.23*	
		For Powder Coated, Add	*12.30*	
		For Aluminum Coated, Add	*19.23*	
		For Schedule 20, Deduct	*-3.08*	
		For Schedule 80, Add	*7.70*	
32 31 13 13-0087	LF	2-1/2" Outside Diameter Galvanized Steel Post, >24' In Length	17.94	1.26
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*3.85*	
		For Vinyl Coated, Add	*9.23*	
		For Powder Coated, Add	*12.30*	
		For Aluminum Coated, Add	*19.23*	
		For Schedule 20, Deduct	*-3.08*	
		For Schedule 80, Add	*7.64*	
32 31 13 13-0088		**Post Without Top Rail Fitting, Galvanized Steel (2.875" Nominal)** *(32 31 13 13-0059)*		
		Note: 3" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0089	LF	3" Outside Diameter Galvanized Steel Post, Up To 6' In Length	31.29	3.79
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*5.93*	
		For Vinyl Coated, Add	*14.23*	
		For Powder Coated, Add	*18.97*	
		For Aluminum Coated, Add	*29.64*	
		For Schedule 20, Deduct	*-4.74*	
		For Schedule 80, Add	*12.14*	
32 31 13 13-0090	LF	3" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	29.90	3.29
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*5.84*	
		For Vinyl Coated, Add	*14.02*	
		For Powder Coated, Add	*18.69*	
		For Aluminum Coated, Add	*29.20*	
		For Schedule 20, Deduct	*-4.67*	
		For Schedule 80, Add	*11.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0091	LF	3" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	28.46	2.66
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*5.80*	
		For Vinyl Coated, Add	*13.91*	
		For Powder Coated, Add	*18.55*	
		For Aluminum Coated, Add	*28.99*	
		For Schedule 20, Deduct	*-4.64*	
		For Schedule 80, Add	*11.66*	
32 31 13 13-0092	LF	3" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	27.31	2.15
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*5.78*	
		For Vinyl Coated, Add	*13.86*	
		For Powder Coated, Add	*18.48*	
		For Aluminum Coated, Add	*28.88*	
		For Schedule 20, Deduct	*-4.62*	
		For Schedule 80, Add	*11.51*	
32 31 13 13-0093	LF	3" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	26.57	1.77
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*5.77*	
		For Vinyl Coated, Add	*13.84*	
		For Powder Coated, Add	*18.45*	
		For Aluminum Coated, Add	*28.83*	
		For Schedule 20, Deduct	*-4.61*	
		For Schedule 80, Add	*11.42*	
32 31 13 13-0094	LF	3" Outside Diameter Galvanized Steel Post, >24' In Length	25.90	1.40
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*5.76*	
		For Vinyl Coated, Add	*13.83*	
		For Powder Coated, Add	*18.44*	
		For Aluminum Coated, Add	*28.81*	
		For Schedule 20, Deduct	*-4.61*	
		For Schedule 80, Add	*11.35*	
32 31 13 13-0095		Post Without Top Rail Fitting, Galvanized Steel, (4.00" Nominal) *(32 31 13 13-0059)*		
		Note: 4" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0096	LF	4" Outside Diameter Galvanized Steel Post, Up To 6' In Length	46.67	4.04
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*9.67*	
		For Vinyl Coated, Add	*23.21*	
		For Powder Coated, Add	*30.95*	
		For Aluminum Coated, Add	*48.36*	
		For Schedule 20, Deduct	*-7.74*	
		For Schedule 80, Add	*19.37*	
32 31 13 13-0097	LF	4" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	44.71	3.29
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*9.52*	
		For Vinyl Coated, Add	*22.84*	
		For Powder Coated, Add	*30.45*	
		For Aluminum Coated, Add	*47.58*	
		For Schedule 20, Deduct	*-7.61*	
		For Schedule 80, Add	*18.93*	
32 31 13 13-0098	LF	4" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	43.30	2.78
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*9.44*	
		For Vinyl Coated, Add	*22.65*	
		For Powder Coated, Add	*30.20*	
		For Aluminum Coated, Add	*47.19*	
		For Schedule 20, Deduct	*-7.55*	
		For Schedule 80, Add	*18.68*	
32 31 13 13-0099	LF	4" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	42.03	2.27
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*9.40*	
		For Vinyl Coated, Add	*22.55*	
		For Powder Coated, Add	*30.07*	
		For Aluminum Coated, Add	*46.99*	
		For Schedule 20, Deduct	*-7.52*	
		For Schedule 80, Add	*18.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0100	LF	4" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	41.95	2.27
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*9.38*	
		For Vinyl Coated, Add	*22.51*	
		For Powder Coated, Add	*30.01*	
		For Aluminum Coated, Add	*46.89*	
		For Schedule 20, Deduct	*-7.50*	
		For Schedule 80, Add	*18.45*	
32 31 13 13-0101	LF	4" Outside Diameter Galvanized Steel Post, >24' In Length	40.65	1.65
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*9.37*	
		For Vinyl Coated, Add	*22.49*	
		For Powder Coated, Add	*29.99*	
		For Aluminum Coated, Add	*46.86*	
		For Schedule 20, Deduct	*-7.50*	
		For Schedule 80, Add	*18.31*	

32 31 13 13-0102 Post Without Top Rail Fitting, Galvanized Steel, (4.50" Nominal) *(32 31 13 13-0059)*

Note: 4-1/2" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 13-0103	LF	4-1/2" Outside Diameter Galvanized Steel Post, Up To 6' In Length	49.73	4.04
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*10.44*	
		For Vinyl Coated, Add	*25.05*	
		For Powder Coated, Add	*33.40*	
		For Aluminum Coated, Add	*52.19*	
		For Schedule 20, Deduct	*-8.35*	
		For Schedule 80, Add	*20.84*	
32 31 13 13-0104	LF	4-1/2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	48.40	3.29
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*10.44*	
		For Vinyl Coated, Add	*25.05*	
		For Powder Coated, Add	*33.40*	
		For Aluminum Coated, Add	*52.19*	
		For Schedule 20, Deduct	*-8.35*	
		For Schedule 80, Add	*20.71*	
32 31 13 13-0105	LF	4-1/2" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	47.30	2.78
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*10.44*	
		For Vinyl Coated, Add	*25.05*	
		For Powder Coated, Add	*33.40*	
		For Aluminum Coated, Add	*52.19*	
		For Schedule 20, Deduct	*-8.35*	
		For Schedule 80, Add	*20.60*	
32 31 13 13-0106	LF	4-1/2" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	46.19	2.27
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*10.44*	
		For Vinyl Coated, Add	*25.05*	
		For Powder Coated, Add	*33.40*	
		For Aluminum Coated, Add	*52.19*	
		For Schedule 20, Deduct	*-8.35*	
		For Schedule 80, Add	*20.48*	
32 31 13 13-0107	LF	4-1/2" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	46.19	2.27
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*10.44*	
		For Vinyl Coated, Add	*25.05*	
		For Powder Coated, Add	*33.40*	
		For Aluminum Coated, Add	*52.19*	
		For Schedule 20, Deduct	*-8.35*	
		For Schedule 80, Add	*20.48*	
32 31 13 13-0108	LF	4-1/2" Outside Diameter Galvanized Steel Post, >24' In Length	44.91	1.65
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*10.44*	
		For Vinyl Coated, Add	*25.05*	
		For Powder Coated, Add	*33.40*	
		For Aluminum Coated, Add	*52.19*	
		For Schedule 20, Deduct	*-8.35*	
		For Schedule 80, Add	*20.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0109		Post Without Top Rail Fitting, Galvanized Steel (5.5625" Nominal) *(32 31 13 13-0059)*		
		Note: 5-9/16" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0110	LF	5-9/16" Outside Diameter Galvanized Steel Post, Up To 6' In Length	74.96	4.43
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*16.52*	
		For Vinyl Coated, Add	*39.65*	
		For Powder Coated, Add	*52.86*	
		For Aluminum Coated, Add	*82.60*	
		For Schedule 20, Deduct	*-13.22*	
		For Schedule 80, Add	*32.61*	
32 31 13 13-0111	LF	5-9/16" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	73.51	3.67
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*16.52*	
		For Vinyl Coated, Add	*39.65*	
		For Powder Coated, Add	*52.86*	
		For Aluminum Coated, Add	*82.60*	
		For Schedule 20, Deduct	*-13.22*	
		For Schedule 80, Add	*32.46*	
32 31 13 13-0112	LF	5-9/16" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	72.24	3.03
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*16.52*	
		For Vinyl Coated, Add	*39.65*	
		For Powder Coated, Add	*52.86*	
		For Aluminum Coated, Add	*82.60*	
		For Schedule 20, Deduct	*-13.22*	
		For Schedule 80, Add	*32.33*	
32 31 13 13-0113	LF	5-9/16" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	71.01	2.41
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*16.52*	
		For Vinyl Coated, Add	*39.65*	
		For Powder Coated, Add	*52.86*	
		For Aluminum Coated, Add	*82.60*	
		For Schedule 20, Deduct	*-13.22*	
		For Schedule 80, Add	*32.21*	
32 31 13 13-0114	LF	5-9/16" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	70.29	2.15
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*16.52*	
		For Vinyl Coated, Add	*39.65*	
		For Powder Coated, Add	*52.86*	
		For Aluminum Coated, Add	*82.60*	
		For Schedule 20, Deduct	*-13.22*	
		For Schedule 80, Add	*32.14*	
32 31 13 13-0115	LF	5-9/16" Outside Diameter Galvanized Steel Post, >24' In Length	69.59	1.77
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*16.52*	
		For Vinyl Coated, Add	*39.65*	
		For Powder Coated, Add	*52.86*	
		For Aluminum Coated, Add	*82.60*	
		For Schedule 20, Deduct	*-13.22*	
		For Schedule 80, Add	*32.07*	
32 31 13 13-0116		Post Without Top Rail Fitting, Galvanized Steel (6.625" Nominal) *(32 31 13 13-0059)*		
		Note: 6-5/8" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0117	LF	6-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length	93.55	4.43
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*21.17*	
		For Vinyl Coated, Add	*50.80*	
		For Powder Coated, Add	*67.74*	
		For Aluminum Coated, Add	*105.84*	
		For Schedule 20, Deduct	*-16.93*	
		For Schedule 80, Add	*41.53*	
32 31 13 13-0118	LF	6-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	89.71	3.67
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*20.57*	
		For Vinyl Coated, Add	*49.37*	
		For Powder Coated, Add	*65.82*	
		For Aluminum Coated, Add	*102.85*	
		For Schedule 20, Deduct	*-16.46*	
		For Schedule 80, Add	*40.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0119	LF	6-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	87.25	3.03
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*20.27*	
		For Vinyl Coated, Add	*48.65*	
		For Powder Coated, Add	*64.87*	
		For Aluminum Coated, Add	*101.36*	
		For Schedule 20, Deduct	*-16.22*	
		For Schedule 80, Add	*39.54*	
32 31 13 13-0120	LF	6-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	85.42	2.41
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*20.12*	
		For Vinyl Coated, Add	*48.29*	
		For Powder Coated, Add	*64.39*	
		For Aluminum Coated, Add	*100.61*	
		For Schedule 20, Deduct	*-16.10*	
		For Schedule 80, Add	*39.13*	
32 31 13 13-0121	LF	6-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	84.41	2.15
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*20.05*	
		For Vinyl Coated, Add	*48.12*	
		For Powder Coated, Add	*64.16*	
		For Aluminum Coated, Add	*100.25*	
		For Schedule 20, Deduct	*-16.04*	
		For Schedule 80, Add	*38.92*	
32 31 13 13-0122	LF	6-5/8" Outside Diameter Galvanized Steel Post, >24' In Length	83.65	1.77
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*20.04*	
		For Vinyl Coated, Add	*48.08*	
		For Powder Coated, Add	*64.11*	
		For Aluminum Coated, Add	*100.18*	
		For Schedule 20, Deduct	*-16.03*	
		For Schedule 80, Add	*38.82*	

32 31 13 13-0123 Post Without Top Rail Fitting, Galvanized Steel (8.625" Nominal) *(32 31 13 13-0059)*

Note: 8-5/8" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 13-0124	LF	8-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length	182.98	4.93
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*43.28*	
		For Vinyl Coated, Add	*103.88*	
		For Powder Coated, Add	*138.50*	
		For Aluminum Coated, Add	*216.41*	
		For Schedule 20, Deduct	*-34.63*	
		For Schedule 80, Add	*84.09*	
32 31 13 13-0125	LF	8-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	176.62	4.18
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*42.10*	
		For Vinyl Coated, Add	*101.03*	
		For Powder Coated, Add	*134.70*	
		For Aluminum Coated, Add	*210.48*	
		For Schedule 20, Deduct	*-33.68*	
		For Schedule 80, Add	*81.65*	
32 31 13 13-0126	LF	8-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	172.84	3.42
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*41.50*	
		For Vinyl Coated, Add	*99.61*	
		For Powder Coated, Add	*132.81*	
		For Aluminum Coated, Add	*207.51*	
		For Schedule 20, Deduct	*-33.20*	
		For Schedule 80, Add	*80.37*	
32 31 13 13-0127	LF	8-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	170.24	2.66
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*41.21*	
		For Vinyl Coated, Add	*98.90*	
		For Powder Coated, Add	*131.86*	
		For Aluminum Coated, Add	*206.04*	
		For Schedule 20, Deduct	*-32.97*	
		For Schedule 80, Add	*79.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0128	LF	8-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	168.92	2.27
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*41.06*	
		For Vinyl Coated, Add	*98.54*	
		For Powder Coated, Add	*131.38*	
		For Aluminum Coated, Add	*205.29*	
		For Schedule 20, Deduct	*-32.85*	
		For Schedule 80, Add	*79.30*	
32 31 13 13-0129	LF	8-5/8" Outside Diameter Galvanized Steel Post, >24' In Length	168.02	1.90
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*41.03*	
		For Vinyl Coated, Add	*98.47*	
		For Powder Coated, Add	*131.29*	
		For Aluminum Coated, Add	*205.14*	
		For Schedule 20, Deduct	*-32.82*	
		For Schedule 80, Add	*79.16*	

32 31 13 13-0130 Driven Post Supports *(32 31 13 13)*

Note: OZ-Post.

32 31 13 13-0131 Driven Post Support For Round Chain Link Fence Posts *(32 31 13 13-0130)*

32 31 13 13-0132	EA	26" Driven Post Support For 1-5/8" Round Chain Link Fence Post Note: OZ-Post GB-700.	91.13
32 31 13 13-0133	EA	26" Driven Post Support For 1-7/8" To 2" Round Chain Link Fence Post Note: OZ-Post HB-700.	91.13
32 31 13 13-0134	EA	26" Driven Post Support For 2-3/8" To 2-1/2" Round Chain Link Fence Post Note: OZ-Post IS-600.	93.93
32 31 13 13-0135	EA	32" Driven Post Support For 2-3/8" To 2-1/2" Round Chain Link Fence Post Note: OZ-Post ISW-850.	112.19
32 31 13 13-0136	EA	34" Driven Post Support For 2-7/8" To 3" Round Chain Link Fence Post Note: OZ-Post	115.07
32 31 13 13-0137	EA	34" Driven Post Support For 3-1/2" To 4" Round Chain Link Fence Post Note: OZ-Post	116.54
32 31 13 13-0138	EA	34" Driven Post Support For 4-1/2" To 4-7/8" Round Chain Link Fence Post Note: OZ-Post	121.12
32 31 13 13-0139	EA	34" Driven Post Support For 5-9/16" Round Chain Link Fence Post Note: OZ-Post	158.11
32 31 13 13-0140	EA	34" Driven Post Support For 6-5/8" Round Chain Link Fence Post Note: OZ-Post	185.22
32 31 13 13-0141	EA	34" Driven Post Support For 8-5/8" Round Chain Link Fence Post Note: OZ-Post	206.63

32 31 13 13-0142 Driven Post Support For Square Ornamental Fence Posts *(32 31 13 13-0130)*

32 31 13 13-0143	EA	34" Driven Post Support For 1-3/4" Square Ornamental Fence Post Note: OZ-Post C175-850.	103.77
32 31 13 13-0144	EA	24" Driven Post Support For 2" Square Ornamental Fence Post Note: OZ-Post I2-600.	99.57
32 31 13 13-0145	EA	34" Driven Post Support For 2" Square Ornamental Fence Post Note: OZ-Post I2-850.	104.62
32 31 13 13-0146	EA	34" Driven Post Support For 2-1/2" Square Ornamental Fence Post Note: OZ-Post I25-850.	112.19
32 31 13 13-0147	EA	34" Driven Post Support For 3" Square Ornamental Fence Post Note: OZ-Post I3-850.	112.19

32 31 13 13-0148 Driven Post Support For Wooden Fence Posts *(32 31 13 13-0130)*

32 31 13 13-0149	EA	24" Driven Post Support For 3-1/2" Square Wooden Fence Post Note: OZ-Post T4-600.	106.07
32 31 13 13-0150	EA	34" Driven Post Support For 3-1/2" Square Wooden Fence Post Note: OZ-Post T4-850.	107.98
32 31 13 13-0151	EA	34" Driven Post Support For 3-3/4" Square Wooden Fence Post Note: OZ-Post C4-850.	117.79
32 31 13 13-0152	EA	34" Driven Post Support For 4" Square Wooden Fence Post Note: OZ-Post P4-850.	117.80
32 31 13 13-0153	EA	36" Driven Post Support For 4" x 6" Wooden Fence Post Note: OZ-Post T46-850.	136.03
32 31 13 13-0154	EA	36" Driven Post Support For 6" Square Wooden Fence Post Note: OZ-Post T6-850.	148.93

32 31 13 13-0155 Driven Post Support For Vinyl Fence Posts *(32 31 13 13-0130)*

32 31 13 13-0156	EA	24" Driven Post Support For 3-1/2" Square Vinyl Fence Post Note: OZ-Post T4-600.	106.07
32 31 13 13-0157	EA	34" Driven Post Support For 3-1/2" Square Vinyl Fence Post Note: OZ-Post T4-850.	107.98
32 31 13 13-0158	EA	34" Driven Post Support For 4" Square Vinyl Fence Post Note: OZ-Post P4-850.	117.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0159	EA	34" Driven Post Support For 5" Square Vinyl Fence Post Note: OZ-Post P4-850.	120.04	
32 31 13 13-0160		**Chain Link Fence Assemblies** *(32 31 13 13)*		
32 31 13 13-0161		**Chain Link Fence Assembly With 2-1/2" Line Post And 3" Corner Posts** *(32 31 13 13-0160)* Note: Includes 2" 9 gauge coiled spring mesh (knuckled selvedge), tension bars, post tension bands, wire ties, truss rod (at corners or posts), 1-5/8" top rail, 1-5/8" bottom rail, 2-1/2" line post and 3" corner posts. Posts exclude drilling or augering in soil or rock, concrete or soil fill. Heights indicated are from ground to top of installed pole. Minimum 2' bury with up to one third of exposed post height to be buried in ground. Excludes grounding. Demolition excludes concrete footing removal on posts and excavation. See CSI section 26 05 26 00-0000 for grounding, 31 23 16 36-0009 for hand excavation for footing removal (where required), 32 31 13 13-0687 for barb wire attachments.		
32 31 13 13-0162		**Galvanized** *(32 31 13 13-0161)*		
32 31 13 13-0163	LF	3' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	46.85	4.30
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.18*	
		For 13 Gauge Fabric, Deduct	*-10.43*	
		For 11 Gauge Fabric, Deduct	*-6.09*	
		For 6 Gauge Fabric, Add	*9.57*	
		For 1" Mesh Fabric, Add	*13.05*	
		For 1-3/4" Mesh Fabric, Add	*5.22*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.61*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.48*	
		For Posts 8' On Centers, Add	*2.54*	
		For Posts 5' On Centers, Add	*9.53*	
		For Up To 100, Add	*8.71*	
		For >100 To 250, Add	*3.18*	
		For >2,500 To 5,000, Deduct	*-1.59*	
		For >5,000, Deduct	*-3.18*	
		For 3/8" Non-Climbable Mesh, Add	*33.31*	
32 31 13 13-0164	LF	3'-6" Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	48.67	4.30
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.29*	
		For 13 Gauge Fabric, Deduct	*-10.97*	
		For 11 Gauge Fabric, Deduct	*-6.41*	
		For 6 Gauge Fabric, Add	*10.07*	
		For 1" Mesh Fabric, Add	*13.73*	
		For 1-3/4" Mesh Fabric, Add	*5.49*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.75*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.66*	
		For Posts 8' On Centers, Add	*2.64*	
		For Posts 5' On Centers, Add	*9.87*	
		For Up To 100, Add	*9.01*	
		For >100 To 250, Add	*3.29*	
		For >2,500 To 5,000, Deduct	*-1.64*	
		For >5,000, Deduct	*-3.29*	
		For 3/8" Non-Climbable Mesh, Add	*38.22*	
32 31 13 13-0165	LF	4' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	50.26	4.30
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.38*	
		For 13 Gauge Fabric, Deduct	*-11.43*	
		For 11 Gauge Fabric, Deduct	*-6.68*	
		For 6 Gauge Fabric, Add	*10.49*	
		For 1" Mesh Fabric, Add	*14.31*	
		For 1-3/4" Mesh Fabric, Add	*5.72*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.86*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.82*	
		For Posts 8' On Centers, Add	*2.72*	
		For Posts 5' On Centers, Add	*10.18*	
		For Up To 100, Add	*9.28*	
		For >100 To 250, Add	*3.38*	
		For >2,500 To 5,000, Deduct	*-1.69*	
		For >5,000, Deduct	*-3.38*	
		For 3/8" Non-Climbable Mesh, Add	*43.18*	
32 31 13 13-0166	LF	5' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	53.98	4.30
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.60*	
		For 13 Gauge Fabric, Deduct	*-12.53*	
		For 11 Gauge Fabric, Deduct	*-7.32*	
		For 6 Gauge Fabric, Add	*11.50*	
		For 1" Mesh Fabric, Add	*15.69*	
		For 1-3/4" Mesh Fabric, Add	*6.27*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.14*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.18*	
		For Posts 8' On Centers, Add	*2.91*	
		For Posts 5' On Centers, Add	*10.88*	
		For Up To 100, Add	*9.89*	
		For >100 To 250, Add	*3.60*	
		For >2,500 To 5,000, Deduct	*-1.80*	
		For >5,000, Deduct	*-3.60*	
		For 3/8" Non-Climbable Mesh, Add	*52.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0167	LF	6' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	58.34	4.30
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.87*	
		For 13 Gauge Fabric, Deduct	*-13.64*	
		For 11 Gauge Fabric, Deduct	*-7.97*	
		For 6 Gauge Fabric, Add	*12.52*	
		For 1" Mesh Fabric, Add	*17.07*	
		For 1-3/4" Mesh Fabric, Add	*6.83*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.41*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.55*	
		For Posts 8' On Centers, Add	*3.15*	
		For Posts 5' On Centers, Add	*11.74*	
		For Up To 100, Add	*10.66*	
		For >100 To 250, Add	*3.87*	
		For >2,500 To 5,000, Deduct	*-1.94*	
		For >5,000, Deduct	*-3.87*	
		For 3/8" Non-Climbable Mesh, Add	*61.83*	
32 31 13 13-0168	LF	7' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	60.40	6.45
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*4.01*	
		For 13 Gauge Fabric, Deduct	*-14.11*	
		For 11 Gauge Fabric, Deduct	*-8.24*	
		For 6 Gauge Fabric, Add	*12.95*	
		For 1" Mesh Fabric, Add	*17.66*	
		For 1-3/4" Mesh Fabric, Add	*7.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.53*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.71*	
		For Posts 8' On Centers, Add	*3.26*	
		For Posts 5' On Centers, Add	*12.16*	
		For Up To 100, Add	*11.04*	
		For >100 To 250, Add	*4.01*	
		For >2,500 To 5,000, Deduct	*-2.01*	
		For >5,000, Deduct	*-4.01*	
		For 3/8" Non-Climbable Mesh, Add	*71.33*	
32 31 13 13-0169	LF	8' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	68.55	7.52
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*4.48*	
		For 13 Gauge Fabric, Deduct	*-16.49*	
		For 11 Gauge Fabric, Deduct	*-9.63*	
		For 6 Gauge Fabric, Add	*15.14*	
		For 1" Mesh Fabric, Add	*20.64*	
		For 1-3/4" Mesh Fabric, Add	*8.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-4.13*	
		For 2-3/8" Mesh Fabric, Deduct	*-5.50*	
		For Posts 8' On Centers, Add	*3.68*	
		For Posts 5' On Centers, Add	*13.71*	
		For Up To 100, Add	*12.39*	
		For >100 To 250, Add	*4.48*	
		For >2,500 To 5,000, Deduct	*-2.24*	
		For >5,000, Deduct	*-4.48*	
		For 3/8" Non-Climbable Mesh, Add	*80.93*	
32 31 13 13-0170	LF	9' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	73.00	9.67
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*4.76*	
		For 13 Gauge Fabric, Deduct	*-17.69*	
		For 11 Gauge Fabric, Deduct	*-10.33*	
		For 6 Gauge Fabric, Add	*16.24*	
		For 1" Mesh Fabric, Add	*22.14*	
		For 1-3/4" Mesh Fabric, Add	*8.86*	
		For 2-1/8" Mesh Fabric, Deduct	*-4.43*	
		For 2-3/8" Mesh Fabric, Deduct	*-5.90*	
		For Posts 8' On Centers, Add	*3.92*	
		For Posts 5' On Centers, Add	*14.58*	
		For Up To 100, Add	*13.16*	
		For >100 To 250, Add	*4.76*	
		For >2,500 To 5,000, Deduct	*-2.38*	
		For >5,000, Deduct	*-4.76*	
		For 3/8" Non-Climbable Mesh, Add	*89.29*	
32 31 13 13-0171	LF	10' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	77.46	10.75
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*5.03*	
		For 13 Gauge Fabric, Deduct	*-18.89*	
		For 11 Gauge Fabric, Deduct	*-11.03*	
		For 6 Gauge Fabric, Add	*17.34*	
		For 1" Mesh Fabric, Add	*23.64*	
		For 1-3/4" Mesh Fabric, Add	*9.46*	
		For 2-1/8" Mesh Fabric, Deduct	*-4.73*	
		For 2-3/8" Mesh Fabric, Deduct	*-6.30*	
		For Posts 8' On Centers, Add	*4.15*	
		For Posts 5' On Centers, Add	*15.44*	
		For Up To 100, Add	*13.93*	
		For >100 To 250, Add	*5.03*	
		For >2,500 To 5,000, Deduct	*-2.51*	
		For >5,000, Deduct	*-5.03*	
		For 3/8" Non-Climbable Mesh, Add	*97.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0172	LF	12' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	85.85	12.89
		For Each Additional Foot >12, Add	*4.26*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*5.55*	
		For 13 Gauge Fabric, Deduct	*-21.13*	
		For 11 Gauge Fabric, Deduct	*-12.34*	
		For 6 Gauge Fabric, Add	*19.40*	
		For 1" Mesh Fabric, Add	*26.45*	
		For 1-3/4" Mesh Fabric, Add	*10.58*	
		For 2-1/8" Mesh Fabric, Deduct	*-5.29*	
		For 2-3/8" Mesh Fabric, Deduct	*-7.05*	
		For Posts 8' On Centers, Add	*4.59*	
		For Posts 5' On Centers, Add	*17.08*	
		For Up To 100, Add	*15.38*	
		For >100 To 250, Add	*5.55*	
		For >2,500 To 5,000, Deduct	*-2.77*	
		For >5,000, Deduct	*-5.55*	
		For 3/8" Non-Climbable Mesh, Add	*106.20*	

32 31 13 13-0173 Vinyl Coated *(32 31 13 13-0161)*

32 31 13 13-0174	LF	4' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	51.98	4.30
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*5.19*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.47*	
		For 13 Gauge Fabric, Deduct	*-12.03*	
		For 11 Gauge Fabric, Deduct	*-7.03*	
		For 6 Gauge Fabric, Add	*11.04*	
		For 1" Mesh Fabric, Add	*15.06*	
		For 1-3/4" Mesh Fabric, Add	*6.02*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.01*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.01*	
		For Posts 8' On Centers, Add	*2.81*	
		For Posts 5' On Centers, Add	*10.49*	
		For Up To 100, Add	*9.53*	
		For >100 To 250, Add	*3.47*	
		For >2,500 To 5,000, Deduct	*-1.73*	
		For >5,000, Deduct	*-3.47*	
		For 3/8" Non-Climbable Mesh, Add	*48.45*	
32 31 13 13-0175	LF	5' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	56.14	4.30
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*5.73*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.70*	
		For 13 Gauge Fabric, Deduct	*-13.28*	
		For 11 Gauge Fabric, Deduct	*-7.76*	
		For 6 Gauge Fabric, Add	*12.19*	
		For 1" Mesh Fabric, Add	*16.63*	
		For 1-3/4" Mesh Fabric, Add	*6.65*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.33*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.43*	
		For Posts 8' On Centers, Add	*3.02*	
		For Posts 5' On Centers, Add	*11.27*	
		For Up To 100, Add	*10.21*	
		For >100 To 250, Add	*3.70*	
		For >2,500 To 5,000, Deduct	*-1.85*	
		For >5,000, Deduct	*-3.70*	
		For 3/8" Non-Climbable Mesh, Add	*59.06*	
32 31 13 13-0176	LF	6' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	62.74	4.30
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*6.55*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*4.09*	
		For 13 Gauge Fabric, Deduct	*-15.17*	
		For 11 Gauge Fabric, Deduct	*-8.86*	
		For 6 Gauge Fabric, Add	*13.92*	
		For 1" Mesh Fabric, Add	*18.99*	
		For 1-3/4" Mesh Fabric, Add	*7.60*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.80*	
		For 2-3/8" Mesh Fabric, Deduct	*-5.06*	
		For Posts 8' On Centers, Add	*3.37*	
		For Posts 5' On Centers, Add	*12.53*	
		For Up To 100, Add	*11.32*	
		For >100 To 250, Add	*4.09*	
		For >2,500 To 5,000, Deduct	*-2.05*	
		For >5,000, Deduct	*-4.09*	
		For 3/8" Non-Climbable Mesh, Add	*69.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0177	LF	7' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	65.51	6.45
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*6.86*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*4.27*	
		For 13 Gauge Fabric, Deduct	*-15.88*	
		For 11 Gauge Fabric, Deduct	*-9.28*	
		For 6 Gauge Fabric, Add	*14.58*	
		For 1" Mesh Fabric, Add	*19.88*	
		For 1-3/4" Mesh Fabric, Add	*7.95*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.98*	
		For 2-3/8" Mesh Fabric, Deduct	*-5.30*	
		For Posts 8' On Centers, Add	*3.51*	
		For Posts 5' On Centers, Add	*13.08*	
		For Up To 100, Add	*11.81*	
		For >100 To 250, Add	*4.27*	
		For >2,500 To 5,000, Deduct	*-2.13*	
		For >5,000, Deduct	*-4.27*	
		For 3/8" Non-Climbable Mesh, Add	*80.54*	
32 31 13 13-0178	LF	8' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	74.51	7.52
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*8.01*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*4.78*	
		For 13 Gauge Fabric, Deduct	*-18.56*	
		For 11 Gauge Fabric, Deduct	*-10.84*	
		For 6 Gauge Fabric, Add	*17.04*	
		For 1" Mesh Fabric, Add	*23.23*	
		For 1-3/4" Mesh Fabric, Add	*9.29*	
		For 2-1/8" Mesh Fabric, Deduct	*-4.65*	
		For 2-3/8" Mesh Fabric, Deduct	*-6.20*	
		For Posts 8' On Centers, Add	*3.98*	
		For Posts 5' On Centers, Add	*14.78*	
		For Up To 100, Add	*13.29*	
		For >100 To 250, Add	*4.78*	
		For >2,500 To 5,000, Deduct	*-2.39*	
		For >5,000, Deduct	*-4.78*	
		For 3/8" Non-Climbable Mesh, Add	*91.46*	
32 31 13 13-0179	LF	9' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	79.40	9.67
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*8.60*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*5.08*	
		For 13 Gauge Fabric, Deduct	*-19.91*	
		For 11 Gauge Fabric, Deduct	*-11.63*	
		For 6 Gauge Fabric, Add	*18.28*	
		For 1" Mesh Fabric, Add	*24.93*	
		For 1-3/4" Mesh Fabric, Add	*9.97*	
		For 2-1/8" Mesh Fabric, Deduct	*-4.99*	
		For 2-3/8" Mesh Fabric, Deduct	*-6.65*	
		For Posts 8' On Centers, Add	*4.24*	
		For Posts 5' On Centers, Add	*15.73*	
		For Up To 100, Add	*14.12*	
		For >100 To 250, Add	*5.08*	
		For >2,500 To 5,000, Deduct	*-2.54*	
		For >5,000, Deduct	*-5.08*	
		For 3/8" Non-Climbable Mesh, Add	*101.00*	
32 31 13 13-0180	LF	10' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	84.29	10.75
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*9.18*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*5.37*	
		For 13 Gauge Fabric, Deduct	*-21.26*	
		For 11 Gauge Fabric, Deduct	*-12.42*	
		For 6 Gauge Fabric, Add	*19.52*	
		For 1" Mesh Fabric, Add	*26.61*	
		For 1-3/4" Mesh Fabric, Add	*10.65*	
		For 2-1/8" Mesh Fabric, Deduct	*-5.32*	
		For 2-3/8" Mesh Fabric, Deduct	*-7.10*	
		For Posts 8' On Centers, Add	*4.49*	
		For Posts 5' On Centers, Add	*16.67*	
		For Up To 100, Add	*14.95*	
		For >100 To 250, Add	*5.37*	
		For >2,500 To 5,000, Deduct	*-2.69*	
		For >5,000, Deduct	*-5.37*	
		For 3/8" Non-Climbable Mesh, Add	*110.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0181	LF	12' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	91.86	12.89
		For Each Additional Foot >12, Add	*4.51*	
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*10.02*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*5.85*	
		For 13 Gauge Fabric, Deduct	*-23.22*	
		For 11 Gauge Fabric, Deduct	*-13.56*	
		For 6 Gauge Fabric, Add	*21.31*	
		For 1" Mesh Fabric, Add	*29.06*	
		For 1-3/4" Mesh Fabric, Add	*11.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-5.81*	
		For 2-3/8" Mesh Fabric, Deduct	*-7.75*	
		For Posts 8' On Centers, Add	*4.89*	
		For Posts 5' On Centers, Add	*18.16*	
		For Up To 100, Add	*16.28*	
		For >100 To 250, Add	*5.85*	
		For >2,500 To 5,000, Deduct	*-2.92*	
		For >5,000, Deduct	*-5.85*	
		For 3/8" Non-Climbable Mesh, Add	*120.19*	
32 31 13 13-0182		**Rails** *(32 31 13 13)*		
		Note: Includes rail end fittings.		
32 31 13 13-0183		**SS-20 Chain Link Fence Rails** *(32 31 13 13-0182)*		
		Note: Includes tie wires.		
32 31 13 13-0184	LF	1-3/8" Galvanized Steel Rail, 0.08" Wall Thickness, Tie Wires And Fittings	8.85	1.40
		For SS15, Deduct	*-0.59*	
		For SS40, Add	*1.49*	
32 31 13 13-0185	LF	1-3/8" Vinyl Coated Rail, 0.08" Wall Thickness, Tie Wires And Fittings	10.85	1.40
		For SS40, Add	*0.79*	
		For Powder Coated, Add	*1.59*	
		For Aluminum Coated, Add	*3.18*	
32 31 13 13-0186	LF	1-5/8" Galvanized Steel Rail, 0.085" Wall Thickness, Tie Wires And Fittings	11.07	1.58
		For SS15, Deduct	*-0.79*	
		For SS40, Add	*1.98*	
32 31 13 13-0187	LF	1-5/8" Vinyl Coated Rail, 0.085" Wall Thickness, Tie Wires And Fittings	13.74	1.58
		For SS40, Add	*1.06*	
		For Powder Coated, Add	*2.12*	
		For Aluminum Coated, Add	*4.23*	
32 31 13 13-0188	LF	2" Galvanized Steel Rail, 0.09" Wall Thickness, Tie Wires And Fittings	13.04	1.77
		For SS40, Add	*2.38*	
32 31 13 13-0189	LF	2" Vinyl Coated Rail, 0.09" Wall Thickness, Tie Wires And Fittings	16.24	1.77
		For SS40, Add	*1.27*	
		For Powder Coated, Add	*2.54*	
		For Aluminum Coated, Add	*5.08*	
32 31 13 13-0190		**SS-20 Middle/Bottom Rail With Tie Wire (1.66" Nominal)** *(32 31 13 13-0182)*		
32 31 13 13-0191	LF	1-5/8" Galvanized Steel Fence Rail, Tie Wire And Fittings	11.72	1.40
		For SS40, Add	*2.14*	
32 31 13 13-0192	LF	1-5/8" Vinyl Coated Fence Rail, Tie Wires And Fittings	14.39	1.40
		For SS40, Add	*1.12*	
		For Powder Coated, Add	*2.25*	
		For Aluminum Coated, Add	*4.49*	
32 31 13 13-0193		**Fabric** *(32 31 13 13)*		
32 31 13 13-0194		**Fabric, Galvanized Chain Link** *(32 31 13 13-0193)*		
32 31 13 13-0195	LF	3' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	12.45	2.53
		For 1-1/4" Mesh Fabric, Add	*1.18*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*1.06*	
		For 13 Gauge Fabric, Deduct	*-1.90*	
		For 11 Gauge Fabric, Deduct	*-1.06*	
		For 6 Gauge Fabric, Add	*3.38*	
		For 1" Mesh Fabric, Add	*3.17*	
		For 1-1/4" Mesh Fabric, Add	*2.12*	
		For 1-3/4" Mesh Fabric, Add	*1.27*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.63*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.85*	
		For 3/8" Non-Climbable Mesh, Add	*34.54*	
32 31 13 13-0196	LF	3'-6" Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	13.78	2.85
		For 1-1/4" Mesh Fabric, Add	*1.38*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*1.23*	
		For 13 Gauge Fabric, Deduct	*-2.22*	
		For 11 Gauge Fabric, Deduct	*-1.23*	
		For 6 Gauge Fabric, Add	*3.94*	
		For 1" Mesh Fabric, Add	*3.70*	
		For 1-1/4" Mesh Fabric, Add	*2.47*	
		For 1-3/4" Mesh Fabric, Add	*1.48*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.74*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.99*	
		For 3/8" Non-Climbable Mesh, Add	*39.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0197	LF	4' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	14.90	3.16
		For 1-1/4" Mesh Fabric, Add	*1.52*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*1.36*	
		For 13 Gauge Fabric, Deduct	*-2.44*	
		For 11 Gauge Fabric, Deduct	*-1.36*	
		For 6 Gauge Fabric, Add	*4.34*	
		For 1" Mesh Fabric, Add	*4.07*	
		For 1-1/4" Mesh Fabric, Add	*2.71*	
		For 1-3/4" Mesh Fabric, Add	*1.63*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.81*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.08*	
		For 3/8" Non-Climbable Mesh, Add	*44.60*	
32 31 13 13-0198	LF	5' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	16.87	3.79
		For 1-1/4" Mesh Fabric, Add	*1.89*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*1.69*	
		For 13 Gauge Fabric, Deduct	*-3.04*	
		For 11 Gauge Fabric, Deduct	*-1.69*	
		For 6 Gauge Fabric, Add	*5.41*	
		For 1" Mesh Fabric, Add	*5.07*	
		For 1-1/4" Mesh Fabric, Add	*3.38*	
		For 1-3/4" Mesh Fabric, Add	*2.03*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.01*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.35*	
		For 3/8" Non-Climbable Mesh, Add	*53.98*	
32 31 13 13-0199	LF	6' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	18.97	4.43
		For 1-1/4" Mesh Fabric, Add	*2.28*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*2.03*	
		For 13 Gauge Fabric, Deduct	*-3.66*	
		For 11 Gauge Fabric, Deduct	*-2.03*	
		For 6 Gauge Fabric, Add	*6.50*	
		For 1" Mesh Fabric, Add	*6.10*	
		For 1-1/4" Mesh Fabric, Add	*4.07*	
		For 1-3/4" Mesh Fabric, Add	*2.44*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.22*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.63*	
		For 3/8" Non-Climbable Mesh, Add	*63.47*	
32 31 13 13-0200	LF	7' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	21.13	5.06
		For 1-1/4" Mesh Fabric, Add	*2.65*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*2.37*	
		For 13 Gauge Fabric, Deduct	*-4.26*	
		For 11 Gauge Fabric, Deduct	*-2.37*	
		For 6 Gauge Fabric, Add	*7.57*	
		For 1" Mesh Fabric, Add	*7.10*	
		For 1-1/4" Mesh Fabric, Add	*4.73*	
		For 1-3/4" Mesh Fabric, Add	*2.84*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.42*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.89*	
		For 3/8" Non-Climbable Mesh, Add	*73.08*	
32 31 13 13-0201	LF	8' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	23.47	6.32
		For 1-1/4" Mesh Fabric, Add	*3.03*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*2.71*	
		For 13 Gauge Fabric, Deduct	*-4.87*	
		For 11 Gauge Fabric, Deduct	*-2.71*	
		For 6 Gauge Fabric, Add	*8.66*	
		For 1" Mesh Fabric, Add	*8.12*	
		For 1-1/4" Mesh Fabric, Add	*5.42*	
		For 1-3/4" Mesh Fabric, Add	*3.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.62*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.17*	
		For 3/8" Non-Climbable Mesh, Add	*82.83*	
32 31 13 13-0202	LF	10' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	28.01	6.96
		For 1-1/4" Mesh Fabric, Add	*3.94*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*3.52*	
		For 13 Gauge Fabric, Deduct	*-6.33*	
		For 11 Gauge Fabric, Deduct	*-3.52*	
		For 6 Gauge Fabric, Add	*11.25*	
		For 1" Mesh Fabric, Add	*10.55*	
		For 1-1/4" Mesh Fabric, Add	*7.03*	
		For 1-3/4" Mesh Fabric, Add	*4.22*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.11*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.81*	
		For 3/8" Non-Climbable Mesh, Add	*100.01*	
32 31 13 13-0203	LF	12' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	32.02	7.58
		For 1-1/4" Mesh Fabric, Add	*4.72*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*4.21*	
		For 13 Gauge Fabric, Deduct	*-7.58*	
		For 11 Gauge Fabric, Deduct	*-4.21*	
		For 6 Gauge Fabric, Add	*13.48*	
		For 1" Mesh Fabric, Add	*12.64*	
		For 1-1/4" Mesh Fabric, Add	*8.43*	
		For 1-3/4" Mesh Fabric, Add	*5.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.53*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.37*	
		For 3/8" Non-Climbable Mesh, Add	*108.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0204	LF	14' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	35.80	8.85
		For 1-1/4" Mesh Fabric, Add	*5.07*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*4.53*	
		For 13 Gauge Fabric, Deduct	*-8.15*	
		For 11 Gauge Fabric, Deduct	*-4.53*	
		For 6 Gauge Fabric, Add	*14.48*	
		For 1" Mesh Fabric, Add	*13.58*	
		For 1-1/4" Mesh Fabric, Add	*9.05*	
		For 1-3/4" Mesh Fabric, Add	*5.43*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.72*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.62*	
		For 3/8" Non-Climbable Mesh, Add	*118.25*	
32 31 13 13-0205	LF	16' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	39.58	10.11
		For 1-1/4" Mesh Fabric, Add	*5.42*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*4.84*	
		For 13 Gauge Fabric, Deduct	*-8.71*	
		For 11 Gauge Fabric, Deduct	*-4.84*	
		For 6 Gauge Fabric, Add	*15.48*	
		For 1" Mesh Fabric, Add	*14.51*	
		For 1-1/4" Mesh Fabric, Add	*9.68*	
		For 1-3/4" Mesh Fabric, Add	*5.81*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.90*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.87*	
		For 3/8" Non-Climbable Mesh, Add	*128.04*	
32 31 13 13-0206		**Fabric, Vinyl Coated Chain Link** *(32 31 13 13-0193)*		
32 31 13 13-0207	LF	4' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	16.62	2.53
		For 1-1/4" Mesh Fabric, Add	*2.00*	
		For 13 Gauge Fabric, Deduct	*-3.21*	
		For 11 Gauge Fabric, Deduct	*-1.79*	
		For 6 Gauge Fabric, Add	*5.71*	
		For 1" Mesh Fabric, Add	*5.36*	
		For 1-1/4" Mesh Fabric, Add	*3.57*	
		For 1-3/4" Mesh Fabric, Add	*2.14*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.07*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.43*	
		For 3/8" Non-Climbable Mesh, Add	*49.87*	
		For Aluminum Coated, Add	*2.86*	
32 31 13 13-0208	LF	5' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	19.04	3.79
		For 1-1/4" Mesh Fabric, Add	*2.50*	
		For 13 Gauge Fabric, Deduct	*-4.02*	
		For 11 Gauge Fabric, Deduct	*-2.23*	
		For 6 Gauge Fabric, Add	*7.14*	
		For 1" Mesh Fabric, Add	*6.70*	
		For 1-1/4" Mesh Fabric, Add	*4.47*	
		For 1-3/4" Mesh Fabric, Add	*2.68*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.34*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.79*	
		For 3/8" Non-Climbable Mesh, Add	*60.57*	
		For Aluminum Coated, Add	*3.57*	
32 31 13 13-0209	LF	6' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	23.36	4.43
		For 1-1/4" Mesh Fabric, Add	*3.51*	
		For 13 Gauge Fabric, Deduct	*-5.63*	
		For 11 Gauge Fabric, Deduct	*-3.13*	
		For 6 Gauge Fabric, Add	*10.02*	
		For 1" Mesh Fabric, Add	*9.39*	
		For 1-1/4" Mesh Fabric, Add	*6.26*	
		For 1-3/4" Mesh Fabric, Add	*3.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.88*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.50*	
		For 3/8" Non-Climbable Mesh, Add	*71.36*	
		For Aluminum Coated, Add	*5.01*	
32 31 13 13-0210	LF	7' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	26.25	5.06
		For 1-1/4" Mesh Fabric, Add	*4.08*	
		For 13 Gauge Fabric, Deduct	*-6.56*	
		For 11 Gauge Fabric, Deduct	*-3.65*	
		For 6 Gauge Fabric, Add	*11.66*	
		For 1" Mesh Fabric, Add	*10.94*	
		For 1-1/4" Mesh Fabric, Add	*7.29*	
		For 1-3/4" Mesh Fabric, Add	*4.37*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.19*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.92*	
		For 3/8" Non-Climbable Mesh, Add	*82.29*	
		For Aluminum Coated, Add	*5.83*	
32 31 13 13-0211	LF	8' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	29.43	6.32
		For 1-1/4" Mesh Fabric, Add	*4.70*	
		For 13 Gauge Fabric, Deduct	*-7.56*	
		For 11 Gauge Fabric, Deduct	*-4.20*	
		For 6 Gauge Fabric, Add	*13.43*	
		For 1" Mesh Fabric, Add	*12.59*	
		For 1-1/4" Mesh Fabric, Add	*8.40*	
		For 1-3/4" Mesh Fabric, Add	*5.04*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.52*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.36*	
		For 3/8" Non-Climbable Mesh, Add	*93.36*	
		For Aluminum Coated, Add	*6.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0212	LF	10' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	34.84	6.96
		For 1-1/4" Mesh Fabric, Add	*5.85*	
		For 13 Gauge Fabric, Deduct	*-9.40*	
		For 11 Gauge Fabric, Deduct	*-5.22*	
		For 6 Gauge Fabric, Add	*16.71*	
		For 1" Mesh Fabric, Add	*15.67*	
		For 1-1/4" Mesh Fabric, Add	*10.45*	
		For 1-3/4" Mesh Fabric, Add	*6.27*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.13*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.18*	
		For 3/8" Non-Climbable Mesh, Add	*112.92*	
		For Aluminum Coated, Add	*8.36*	
32 31 13 13-0213	LF	12' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	38.03	7.58
		For 1-1/4" Mesh Fabric, Add	*6.40*	
		For 13 Gauge Fabric, Deduct	*-10.29*	
		For 11 Gauge Fabric, Deduct	*-5.72*	
		For 6 Gauge Fabric, Add	*18.29*	
		For 1" Mesh Fabric, Add	*17.15*	
		For 1-1/4" Mesh Fabric, Add	*11.43*	
		For 1-3/4" Mesh Fabric, Add	*6.86*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.43*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.57*	
		For 3/8" Non-Climbable Mesh, Add	*122.46*	
		For Aluminum Coated, Add	*9.14*	
32 31 13 13-0214	LF	14' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	42.86	8.85
		For 1-1/4" Mesh Fabric, Add	*7.04*	
		For 13 Gauge Fabric, Deduct	*-11.32*	
		For 11 Gauge Fabric, Deduct	*-6.29*	
		For 6 Gauge Fabric, Add	*20.13*	
		For 1" Mesh Fabric, Add	*18.87*	
		For 1-1/4" Mesh Fabric, Add	*12.58*	
		For 1-3/4" Mesh Fabric, Add	*7.55*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.77*	
		For 2-3/8" Mesh Fabric, Deduct	*-5.03*	
		For 3/8" Non-Climbable Mesh, Add	*133.34*	
		For Aluminum Coated, Add	*10.06*	
32 31 13 13-0215	LF	16' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	47.80	10.11
		For 1-1/4" Mesh Fabric, Add	*7.72*	
		For 13 Gauge Fabric, Deduct	*-12.41*	
		For 11 Gauge Fabric, Deduct	*-6.89*	
		For 6 Gauge Fabric, Add	*22.06*	
		For 1" Mesh Fabric, Add	*20.68*	
		For 1-1/4" Mesh Fabric, Add	*13.79*	
		For 1-3/4" Mesh Fabric, Add	*8.27*	
		For 2-1/8" Mesh Fabric, Deduct	*-4.14*	
		For 2-3/8" Mesh Fabric, Deduct	*-5.51*	
		For 3/8" Non-Climbable Mesh, Add	*144.21*	
		For Aluminum Coated, Add	*11.03*	

32 31 13 13-0216 Fabric, Aluminized Steel Chain Link *(32 31 13 13-0193)*

32 31 13 13-0217	LF	3' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	12.00	2.53
		For 6 Gauge Fabric, Add	*3.02*	
		For 1" Mesh Fabric, Add	*3.97*	
32 31 13 13-0218	LF	3'-6" Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	13.24	2.85
		For 6 Gauge Fabric, Add	*3.51*	
		For 1" Mesh Fabric, Add	*4.61*	
32 31 13 13-0219	LF	4' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	14.51	3.16
		For 6 Gauge Fabric, Add	*4.02*	
		For 1" Mesh Fabric, Add	*5.28*	
32 31 13 13-0220	LF	5' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	16.39	3.79
		For 6 Gauge Fabric, Add	*5.02*	
		For 1" Mesh Fabric, Add	*6.59*	
32 31 13 13-0221	LF	6' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	18.34	4.43
		For 6 Gauge Fabric, Add	*6.00*	
		For 1" Mesh Fabric, Add	*7.88*	
32 31 13 13-0222	LF	7' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	20.45	5.06
		For 6 Gauge Fabric, Add	*7.02*	
		For 1" Mesh Fabric, Add	*9.22*	
32 31 13 13-0223	LF	8' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	22.67	6.32
		For 6 Gauge Fabric, Add	*8.02*	
		For 1" Mesh Fabric, Add	*10.53*	
32 31 13 13-0224	LF	10' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	26.48	6.96
		For 6 Gauge Fabric, Add	*10.02*	
		For 1" Mesh Fabric, Add	*13.16*	
32 31 13 13-0225	LF	12' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	30.20	7.58
		For 6 Gauge Fabric, Add	*12.02*	
		For 1" Mesh Fabric, Add	*15.78*	

32 31 13 13-0226 Fabric, All Aluminum Chain Link *(32 31 13 13-0193)*

32 31 13 13-0227	LF	3' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	18.10	2.53
		For 6 Gauge Fabric, Add	*7.90*	
		For 1" Mesh Fabric, Add	*10.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0228	LF	3'-6" Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	20.37	2.85
		For 6 Gauge Fabric, Add	*9.22*	
		For 1" Mesh Fabric, Add	*12.10*	
32 31 13 13-0229	LF	4' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	22.65	3.16
		For 6 Gauge Fabric, Add	*10.54*	
		For 1" Mesh Fabric, Add	*13.83*	
32 31 13 13-0230	LF	5' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	26.57	3.79
		For 6 Gauge Fabric, Add	*13.17*	
		For 1" Mesh Fabric, Add	*17.28*	
32 31 13 13-0231	LF	6' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	30.59	4.43
		For 6 Gauge Fabric, Add	*15.80*	
		For 1" Mesh Fabric, Add	*20.74*	
32 31 13 13-0232	LF	7' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	34.71	5.06
		For 6 Gauge Fabric, Add	*18.43*	
		For 1" Mesh Fabric, Add	*24.19*	
32 31 13 13-0233	LF	8' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	38.97	6.32
		For 6 Gauge Fabric, Add	*21.06*	
		For 1" Mesh Fabric, Add	*27.65*	
32 31 13 13-0234	LF	10' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	46.87	6.96
		For 6 Gauge Fabric, Add	*26.34*	
		For 1" Mesh Fabric, Add	*34.57*	
32 31 13 13-0235	LF	12' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	54.67	7.58
		For 6 Gauge Fabric, Add	*31.60*	
		For 1" Mesh Fabric, Add	*41.48*	

32 31 13 13-0236 Fence Inserts *(32 31 13 13-0193)*

Note: For use with new or existing chain link fence, per lf of fence.

32 31 13 13-0237 Vinyl Plastic Fence Inserts *(32 31 13 13-0236)*

Note: Assorted colors.

32 31 13 13-0238	LF	3' High Fence, Vinyl Plastic Fence Insert	10.60
32 31 13 13-0239	LF	3-1/2' High Fence, Vinyl Plastic Fence Insert	12.10
32 31 13 13-0240	LF	4' High Fence, Vinyl Plastic Fence Insert	13.34
32 31 13 13-0241	LF	5' High Fence, Vinyl Plastic Fence Insert	16.73
32 31 13 13-0242	LF	6' High Fence, Vinyl Plastic Fence Insert	20.02
32 31 13 13-0243	LF	7' High Fence, Vinyl Plastic Fence Insert	23.42
32 31 13 13-0244	LF	8' High Fence, Vinyl Plastic Fence Insert	26.70
32 31 13 13-0245	LF	10' High Fence, Vinyl Plastic Fence Insert	32.33

32 31 13 13-0246 Aluminum Fence Inserts *(32 31 13 13-0236)*

Note: Assorted colors.

32 31 13 13-0247	LF	3' High Fence, Aluminum Fence Insert	37.09
32 31 13 13-0248	LF	3-1/2' High Fence, Aluminum Fence Insert	40.68
32 31 13 13-0249	LF	4' High Fence, Aluminum Fence Insert	46.25
32 31 13 13-0250	LF	5' High Fence, Aluminum Fence Insert	57.87
32 31 13 13-0251	LF	6' High Fence, Aluminum Fence Insert	69.44
32 31 13 13-0252	LF	7' High Fence, Aluminum Fence Insert	75.49
32 31 13 13-0253	LF	8' High Fence, Aluminum Fence Insert	92.57
32 31 13 13-0254	LF	10' High Fence, Aluminum Fence Insert	115.19

32 31 13 13-0255 Redwood Fence Inserts *(32 31 13 13-0236)*

32 31 13 13-0256	LF	4' High Fence, Redwood Fence Insert	15.71
32 31 13 13-0257	LF	5' High Fence, Redwood Fence Insert	19.89
32 31 13 13-0258	LF	6' High Fence, Redwood Fence Insert	23.89
32 31 13 13-0259	LF	7' High Fence, Redwood Fence Insert	27.80
32 31 13 13-0260	LF	8' High Fence, Redwood Fence Insert	31.82

32 31 13 13-0261 Diagonal Flexible Polyethylene Inserts *(32 31 13 13-0236)*

32 31 13 13-0262	SF	Diagonal Polyethylene Fence Weave	4.22

32 31 13 13-0263 Hedge Link Fence Inserts *(32 31 13 13-0236)*

32 31 13 13-0264	LF	3' High Fence, Hedge Link Fence Insert	22.44
32 31 13 13-0265	LF	3-1/2' High Fence, Hedge Link Fence Insert	25.55
32 31 13 13-0266	LF	4' High Fence, Hedge Link Fence Insert	30.00
32 31 13 13-0267	LF	5' High Fence, Hedge Link Fence Insert	37.01
32 31 13 13-0268	LF	6' High Fence, Hedge Link Fence Insert	42.38
32 31 13 13-0269	LF	7' High Fence, Hedge Link Fence Insert	53.44
32 31 13 13-0270	LF	8' High Fence, Hedge Link Fence Insert	60.71
32 31 13 13-0271	LF	10' High Fence, Hedge Link Fence Insert	72.50
32 31 13 13-0272	LF	12' High Fence, Hedge Link Fence Insert	83.14

32 31 13 13-0273 Fence Windscreen Fabric *(32 31 13 13-0193)*

Note: Includes plastic wire clips.

32 31 13 13-0274	SF	Vinyl Coated Polyester Windscreen For Fence, 7 Oz Per SY	1.45	0.66
		For Sewn Boxed Vent (Each), Add	*29.76*	
		For Welded Boxed Vent (Each), Add	*14.88*	
		For 4' x 4' One Color Logo (Each), Add	*619.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0275		**Non-Climbable Fabric, Galvanized Chain Link** *(32 31 13 13-0193)*		
32 31 13 13-0276	LF	3' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	34.54	2.53
		For 11 Gauge, Deduct	*-5.26*	
		For 10 Gauge, Deduct	*-2.11*	
		For 7 Gauge, Add	*3.16*	
		For 6 Gauge, Add	*7.37*	
		For 1/2" Mesh Fabric, Deduct	*-1.32*	
		For 5/8" Mesh Fabric, Deduct	*-2.90*	
		For 3/4" Mesh Fabric, Deduct	*-4.21*	
32 31 13 13-0277	LF	3'-6" Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	39.54	2.85
		For 11 Gauge, Deduct	*-6.14*	
		For 10 Gauge, Deduct	*-2.46*	
		For 7 Gauge, Add	*3.68*	
		For 6 Gauge, Add	*8.59*	
		For 1/2" Mesh Fabric, Deduct	*-1.53*	
		For 5/8" Mesh Fabric, Deduct	*-3.38*	
		For 3/4" Mesh Fabric, Deduct	*-4.91*	
32 31 13 13-0278	LF	4' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	44.60	3.16
		For 11 Gauge, Deduct	*-7.02*	
		For 10 Gauge, Deduct	*-2.81*	
		For 7 Gauge, Add	*4.21*	
		For 6 Gauge, Add	*9.83*	
		For 1/2" Mesh Fabric, Deduct	*-1.76*	
		For 5/8" Mesh Fabric, Deduct	*-3.86*	
		For 3/4" Mesh Fabric, Deduct	*-5.62*	
32 31 13 13-0279	LF	5' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	53.98	3.79
		For 11 Gauge, Deduct	*-8.77*	
		For 10 Gauge, Deduct	*-3.51*	
		For 7 Gauge, Add	*5.26*	
		For 6 Gauge, Add	*12.28*	
		For 1/2" Mesh Fabric, Deduct	*-2.19*	
		For 5/8" Mesh Fabric, Deduct	*-4.83*	
		For 3/4" Mesh Fabric, Deduct	*-7.02*	
32 31 13 13-0280	LF	6' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	63.47	4.43
		For 11 Gauge, Deduct	*-10.53*	
		For 10 Gauge, Deduct	*-4.21*	
		For 7 Gauge, Add	*6.32*	
		For 6 Gauge, Add	*14.74*	
		For 1/2" Mesh Fabric, Deduct	*-2.63*	
		For 5/8" Mesh Fabric, Deduct	*-5.79*	
		For 3/4" Mesh Fabric, Deduct	*-8.42*	
32 31 13 13-0281	LF	7' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	73.08	5.06
		For 11 Gauge, Deduct	*-12.28*	
		For 10 Gauge, Deduct	*-4.91*	
		For 7 Gauge, Add	*7.37*	
		For 6 Gauge, Add	*17.19*	
		For 1/2" Mesh Fabric, Deduct	*-3.07*	
		For 5/8" Mesh Fabric, Deduct	*-6.76*	
		For 3/4" Mesh Fabric, Deduct	*-9.83*	
32 31 13 13-0282	LF	8' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	82.83	6.32
		For 11 Gauge, Deduct	*-14.04*	
		For 10 Gauge, Deduct	*-5.62*	
		For 7 Gauge, Add	*8.42*	
		For 6 Gauge, Add	*19.65*	
		For 1/2" Mesh Fabric, Deduct	*-3.51*	
		For 5/8" Mesh Fabric, Deduct	*-7.72*	
		For 3/4" Mesh Fabric, Deduct	*-11.23*	
32 31 13 13-0283	LF	9' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	91.41	6.64
		For 11 Gauge, Deduct	*-15.63*	
		For 10 Gauge, Deduct	*-6.25*	
		For 7 Gauge, Add	*9.38*	
		For 6 Gauge, Add	*21.88*	
		For 1/2" Mesh Fabric, Deduct	*-3.91*	
		For 5/8" Mesh Fabric, Deduct	*-8.59*	
		For 3/4" Mesh Fabric, Deduct	*-12.50*	
32 31 13 13-0284	LF	10' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	100.01	6.96
		For 11 Gauge, Deduct	*-17.21*	
		For 10 Gauge, Deduct	*-6.88*	
		For 7 Gauge, Add	*10.33*	
		For 6 Gauge, Add	*24.10*	
		For 1/2" Mesh Fabric, Deduct	*-4.30*	
		For 5/8" Mesh Fabric, Deduct	*-9.47*	
		For 3/4" Mesh Fabric, Deduct	*-13.77*	
32 31 13 13-0285	LF	12' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	108.47	7.58
		For 11 Gauge, Deduct	*-18.66*	
		For 10 Gauge, Deduct	*-7.46*	
		For 7 Gauge, Add	*11.20*	
		For 6 Gauge, Add	*26.12*	
		For 1/2" Mesh Fabric, Deduct	*-4.67*	
		For 5/8" Mesh Fabric, Deduct	*-10.26*	
		For 3/4" Mesh Fabric, Deduct	*-14.93*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0286		**Gates** *(32 31 13 13)* Note: Posts exclude drilling or augering in soil or rock. For barbed wire attached directly to posts and gates, select gates and posts sizes for full finished height of gate above grade (top rail to be at lower height, includes barb wire at top area where mesh would be). See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.		
32 31 13 13-0287		**Galvanized Steel Without Barbed Wire** *(32 31 13 13-0286)* Note: Industrial swing gate. Includes posts (3" diameter posts for up to 6' wide gate, 4" diameter for > 6' To 12' wide, 6-5/8" diameter for >12' To 18' wide, 8-5/8" diameter for over 18' wide), 2" diameter schedule pipe frame, offset hinges, cap and hardware (drop rod, center locking device, gate keeper, catch bolt and tension bands). Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.		
32 31 13 13-0288		**4' Fence Height** *(32 31 13 13-0287)*		
32 31 13 13-0289	EA	3' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	368.72	28.69
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-52.32*	
		For Aluminized Steel Gate And Post, Add	*133.95*	
		For Powder Coated Gate And Post, Add	*72.56*	
		For 1" Mesh Fabric, Add	*121.39*	
		For 1-1/4" Mesh Fabric, Add	*78.14*	
		For 1-3/4" Mesh Fabric, Add	*48.56*	
		For 2-1/8" Mesh Fabric, Deduct	*-24.28*	
		For 3' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*76.67*	
		For 3' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*113.24*	
32 31 13 13-0290	EA	4' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	461.74	29.89
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-69.77*	
		For Aluminized Steel Gate And Post, Add	*178.60*	
		For Powder Coated Gate And Post, Add	*96.74*	
		For 1" Mesh Fabric, Add	*161.85*	
		For 1-1/4" Mesh Fabric, Add	*104.18*	
		For 1-3/4" Mesh Fabric, Add	*64.74*	
		For 2-1/8" Mesh Fabric, Deduct	*-32.37*	
		For 4' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*90.86*	
		For 4' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*131.39*	
32 31 13 13-0291	EA	5' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	544.85	31.80
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-84.23*	
		For Aluminized Steel Gate And Post, Add	*215.62*	
		For Powder Coated Gate And Post, Add	*116.79*	
		For 1" Mesh Fabric, Add	*195.41*	
		For 1-1/4" Mesh Fabric, Add	*125.78*	
		For 1-3/4" Mesh Fabric, Add	*78.16*	
		For 2-1/8" Mesh Fabric, Deduct	*-39.08*	
		For 5' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*103.30*	
		For 5' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*146.95*	
32 31 13 13-0292	EA	6' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	641.14	38.25
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-98.69*	
		For Aluminized Steel Gate And Post, Add	*252.65*	
		For Powder Coated Gate And Post, Add	*136.85*	
		For 1" Mesh Fabric, Add	*228.96*	
		For 1-1/4" Mesh Fabric, Add	*147.38*	
		For 1-3/4" Mesh Fabric, Add	*91.58*	
		For 2-1/8" Mesh Fabric, Deduct	*-45.79*	
		For 6' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*115.75*	
		For 6' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*164.21*	
32 31 13 13-0293	EA	7' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	737.40	44.59
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-113.15*	
		For Aluminized Steel Gate And Post, Add	*289.68*	
		For Powder Coated Gate And Post, Add	*156.91*	
		For 1" Mesh Fabric, Add	*262.52*	
		For 1-1/4" Mesh Fabric, Add	*168.98*	
		For 1-3/4" Mesh Fabric, Add	*105.01*	
		For 2-1/8" Mesh Fabric, Deduct	*-52.50*	
		For 7' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*128.19*	
		For 7' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*180.62*	
32 31 13 13-0294	EA	8' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	836.83	50.93
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-128.21*	
		For Aluminized Steel Gate And Post, Add	*328.22*	
		For Powder Coated Gate And Post, Add	*177.79*	
		For 1" Mesh Fabric, Add	*297.45*	
		For 1-1/4" Mesh Fabric, Add	*191.46*	
		For 1-3/4" Mesh Fabric, Add	*118.98*	
		For 2-1/8" Mesh Fabric, Deduct	*-59.49*	
		For 8' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*140.99*	
		For 8' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*197.38*	
32 31 13 13-0295	EA	9' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	933.09	57.38
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-142.68*	
		For Aluminized Steel Gate And Post, Add	*365.25*	
		For Powder Coated Gate And Post, Add	*197.84*	
		For 1" Mesh Fabric, Add	*331.01*	
		For 1-1/4" Mesh Fabric, Add	*213.06*	
		For 1-3/4" Mesh Fabric, Add	*132.40*	
		For 2-1/8" Mesh Fabric, Deduct	*-66.20*	
		For 9' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*153.43*	
		For 9' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*213.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0296	EA	10' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	1,030.71	63.72
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-157.40*	
		For Aluminized Steel Gate And Post, Add	*402.93*	
		For Powder Coated Gate And Post, Add	*218.25*	
		For 1" Mesh Fabric, Add	*365.16*	
		For 1-1/4" Mesh Fabric, Add	*235.04*	
		For 1-3/4" Mesh Fabric, Add	*146.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-73.03*	
		For 10' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*166.04*	
		For 10' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*230.34*	
32 31 13 13-0297	EA	10' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,307.50	63.72
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-209.29*	
		For Aluminized Steel Gate And Post, Add	*535.79*	
		For Powder Coated Gate And Post, Add	*290.22*	
		For 1" Mesh Fabric, Add	*485.56*	
		For 1-1/4" Mesh Fabric, Add	*312.54*	
		For 1-3/4" Mesh Fabric, Add	*194.22*	
		For 2-1/8" Mesh Fabric, Deduct	*-97.11*	
		For 10' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*230.55*	
		For 10' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*319.56*	
32 31 13 13-0298	EA	12' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,544.41	68.27
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-251.15*	
		For Aluminized Steel Gate And Post, Add	*642.95*	
		For Powder Coated Gate And Post, Add	*348.26*	
		For 1" Mesh Fabric, Add	*582.67*	
		For 1-1/4" Mesh Fabric, Add	*375.05*	
		For 1-3/4" Mesh Fabric, Add	*233.07*	
		For 2-1/8" Mesh Fabric, Deduct	*-116.53*	
		For 12' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*263.05*	
		For 12' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*359.97*	
32 31 13 13-0299	EA	14' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,783.43	73.52
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-293.01*	
		For Aluminized Steel Gate And Post, Add	*750.11*	
		For Powder Coated Gate And Post, Add	*406.31*	
		For 1" Mesh Fabric, Add	*679.78*	
		For 1-1/4" Mesh Fabric, Add	*437.56*	
		For 1-3/4" Mesh Fabric, Add	*271.91*	
		For 2-1/8" Mesh Fabric, Deduct	*-135.96*	
		For 14' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*295.53*	
		For 14' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*400.37*	
32 31 13 13-0300	EA	16' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	2,025.06	79.62
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-334.87*	
		For Aluminized Steel Gate And Post, Add	*857.26*	
		For Powder Coated Gate And Post, Add	*464.35*	
		For 1" Mesh Fabric, Add	*776.89*	
		For 1-1/4" Mesh Fabric, Add	*500.07*	
		For 1-3/4" Mesh Fabric, Add	*310.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-155.38*	
		For 16' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*328.02*	
		For 16' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*440.78*	
32 31 13 13-0301	EA	18' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	2,312.26	100.86
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-376.73*	
		For Aluminized Steel Gate And Post, Add	*964.42*	
		For Powder Coated Gate And Post, Add	*522.39*	
		For 1" Mesh Fabric, Add	*874.00*	
		For 1-1/4" Mesh Fabric, Add	*562.58*	
		For 1-3/4" Mesh Fabric, Add	*349.60*	
		For 2-1/8" Mesh Fabric, Deduct	*-174.80*	
		For 18' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*360.48*	
		For 18' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*481.18*	
32 31 13 13-0302	EA	20' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	2,557.15	108.11
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-418.58*	
		For Aluminized Steel Gate And Post, Add	*1,071.58*	
		For Powder Coated Gate And Post, Add	*580.44*	
		For 1" Mesh Fabric, Add	*971.12*	
		For 1-1/4" Mesh Fabric, Add	*625.09*	
		For 1-3/4" Mesh Fabric, Add	*388.45*	
		For 2-1/8" Mesh Fabric, Deduct	*-194.22*	
		For 20' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*392.97*	
		For 20' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*521.59*	
32 31 13 13-0303	EA	22' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	2,799.93	116.48
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-459.42*	
		For Aluminized Steel Gate And Post, Add	*1,176.12*	
		For Powder Coated Gate And Post, Add	*637.07*	
		For 1" Mesh Fabric, Add	*1,065.86*	
		For 1-1/4" Mesh Fabric, Add	*686.07*	
		For 1-3/4" Mesh Fabric, Add	*426.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-213.17*	
		For 22' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*458.92*	
		For 22' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*620.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0304	EA	24' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	3,046.87	126.15
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-500.26*	
		For Aluminized Steel Gate And Post, Add	*1,280.66*	
		For Powder Coated Gate And Post, Add	*693.69*	
		For 1" Mesh Fabric, Add	*1,160.60*	
		For 1-1/4" Mesh Fabric, Add	*747.05*	
		For 1-3/4" Mesh Fabric, Add	*464.24*	
		For 2-1/8" Mesh Fabric, Deduct	*-232.12*	
		For 24' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*490.81*	
		For 24' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*659.97*	
32 31 13 13-0305	EA	26' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	3,299.10	137.65
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-541.10*	
		For Aluminized Steel Gate And Post, Add	*1,385.21*	
		For Powder Coated Gate And Post, Add	*750.32*	
		For 1" Mesh Fabric, Add	*1,255.34*	
		For 1-1/4" Mesh Fabric, Add	*808.04*	
		For 1-3/4" Mesh Fabric, Add	*502.14*	
		For 2-1/8" Mesh Fabric, Deduct	*-251.07*	
		For 26' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*522.69*	
		For 26' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*699.76*	
32 31 13 13-0306	EA	28' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	3,476.57	151.43
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-566.62*	
		For Aluminized Steel Gate And Post, Add	*1,450.55*	
		For Powder Coated Gate And Post, Add	*785.71*	
		For 1" Mesh Fabric, Add	*1,314.56*	
		For 1-1/4" Mesh Fabric, Add	*846.15*	
		For 1-3/4" Mesh Fabric, Add	*525.82*	
		For 2-1/8" Mesh Fabric, Deduct	*-262.91*	
		For 28' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*545.59*	
		For 28' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*730.59*	
32 31 13 13-0307	EA	30' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	3,853.77	168.19
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-627.88*	
		For Aluminized Steel Gate And Post, Add	*1,607.37*	
		For Powder Coated Gate And Post, Add	*870.66*	
		For 1" Mesh Fabric, Add	*1,456.68*	
		For 1-1/4" Mesh Fabric, Add	*937.63*	
		For 1-3/4" Mesh Fabric, Add	*582.67*	
		For 2-1/8" Mesh Fabric, Deduct	*-291.34*	
		For 30' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*589.44*	
		For 30' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*782.37*	
32 31 13 13-0308		**5' Fence Height** *(32 31 13 13-0287)*		
32 31 13 13-0309	EA	3' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	440.49	31.80
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-64.66*	
		For Aluminized Steel Gate And Post, Add	*165.53*	
		For Powder Coated Gate And Post, Add	*89.66*	
		For 1" Mesh Fabric, Add	*150.01*	
		For 1-1/4" Mesh Fabric, Add	*96.56*	
		For 1-3/4" Mesh Fabric, Add	*60.00*	
		For 2-1/8" Mesh Fabric, Deduct	*-30.00*	
		For 3' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*83.90*	
		For 3' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*120.47*	
32 31 13 13-0310	EA	4' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	553.93	31.80
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-85.93*	
		For Aluminized Steel Gate And Post, Add	*219.98*	
		For Powder Coated Gate And Post, Add	*119.16*	
		For 1" Mesh Fabric, Add	*199.36*	
		For 1-1/4" Mesh Fabric, Add	*128.32*	
		For 1-3/4" Mesh Fabric, Add	*79.74*	
		For 2-1/8" Mesh Fabric, Deduct	*-39.87*	
		For 4' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*100.34*	
		For 4' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*140.87*	
32 31 13 13-0311	EA	5' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	646.14	33.84
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-102.09*	
		For Aluminized Steel Gate And Post, Add	*261.36*	
		For Powder Coated Gate And Post, Add	*141.57*	
		For 1" Mesh Fabric, Add	*236.86*	
		For 1-1/4" Mesh Fabric, Add	*152.46*	
		For 1-3/4" Mesh Fabric, Add	*94.74*	
		For 2-1/8" Mesh Fabric, Deduct	*-47.37*	
		For 5' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*113.79*	
		For 5' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*157.44*	
32 31 13 13-0312	EA	6' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	757.20	40.64
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-119.11*	
		For Aluminized Steel Gate And Post, Add	*304.92*	
		For Powder Coated Gate And Post, Add	*165.17*	
		For 1" Mesh Fabric, Add	*276.33*	
		For 1-1/4" Mesh Fabric, Add	*177.87*	
		For 1-3/4" Mesh Fabric, Add	*110.53*	
		For 2-1/8" Mesh Fabric, Deduct	*-55.27*	
		For 6' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*127.73*	
		For 6' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*176.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0313	EA	7' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	859.19	47.35
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-134.42*	
		For Aluminized Steel Gate And Post, Add	*344.12*	
		For Powder Coated Gate And Post, Add	*186.40*	
		For 1" Mesh Fabric, Add	*311.86*	
		For 1-1/4" Mesh Fabric, Add	*200.74*	
		For 1-3/4" Mesh Fabric, Add	*124.74*	
		For 2-1/8" Mesh Fabric, Deduct	*-62.37*	
		For 7' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*140.67*	
		For 7' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*193.10*	
32 31 13 13-0314	EA	8' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	971.47	54.52
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-151.44*	
		For Aluminized Steel Gate And Post, Add	*387.69*	
		For Powder Coated Gate And Post, Add	*210.00*	
		For 1" Mesh Fabric, Add	*351.34*	
		For 1-1/4" Mesh Fabric, Add	*226.15*	
		For 1-3/4" Mesh Fabric, Add	*140.54*	
		For 2-1/8" Mesh Fabric, Deduct	*-70.27*	
		For 8' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*154.61*	
		For 8' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*211.00*	
32 31 13 13-0315	EA	9' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	1,077.99	61.33
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-167.60*	
		For Aluminized Steel Gate And Post, Add	*429.07*	
		For Powder Coated Gate And Post, Add	*232.41*	
		For 1" Mesh Fabric, Add	*388.84*	
		For 1-1/4" Mesh Fabric, Add	*250.29*	
		For 1-3/4" Mesh Fabric, Add	*155.54*	
		For 2-1/8" Mesh Fabric, Deduct	*-77.77*	
		For 9' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*168.06*	
		For 9' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*228.42*	
32 31 13 13-0316	EA	10' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	1,184.53	68.03
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-183.77*	
		For Aluminized Steel Gate And Post, Add	*470.45*	
		For Powder Coated Gate And Post, Add	*254.83*	
		For 1" Mesh Fabric, Add	*426.34*	
		For 1-1/4" Mesh Fabric, Add	*274.43*	
		For 1-3/4" Mesh Fabric, Add	*170.54*	
		For 2-1/8" Mesh Fabric, Deduct	*-85.27*	
		For 10' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*181.51*	
		For 10' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*245.81*	
32 31 13 13-0317	EA	10' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,587.97	68.27
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-259.32*	
		For Aluminized Steel Gate And Post, Add	*663.85*	
		For Powder Coated Gate And Post, Add	*359.59*	
		For 1" Mesh Fabric, Add	*601.62*	
		For 1-1/4" Mesh Fabric, Add	*387.25*	
		For 1-3/4" Mesh Fabric, Add	*240.65*	
		For 2-1/8" Mesh Fabric, Deduct	*-120.32*	
		For 10' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*259.90*	
		For 10' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*348.91*	
32 31 13 13-0318	EA	12' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,881.43	73.52
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-311.39*	
		For Aluminized Steel Gate And Post, Add	*797.15*	
		For Powder Coated Gate And Post, Add	*431.79*	
		For 1" Mesh Fabric, Add	*722.41*	
		For 1-1/4" Mesh Fabric, Add	*465.00*	
		For 1-3/4" Mesh Fabric, Add	*288.97*	
		For 2-1/8" Mesh Fabric, Deduct	*-144.48*	
		For 12' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*298.39*	
		For 12' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*395.31*	
32 31 13 13-0319	EA	14' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	2,177.52	79.62
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-363.45*	
		For Aluminized Steel Gate And Post, Add	*930.44*	
		For Powder Coated Gate And Post, Add	*503.99*	
		For 1" Mesh Fabric, Add	*843.21*	
		For 1-1/4" Mesh Fabric, Add	*542.76*	
		For 1-3/4" Mesh Fabric, Add	*337.29*	
		For 2-1/8" Mesh Fabric, Deduct	*-168.64*	
		For 14' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*336.86*	
		For 14' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*441.70*	
32 31 13 13-0320	EA	16' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	2,519.18	100.86
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-415.52*	
		For Aluminized Steel Gate And Post, Add	*1,063.74*	
		For Powder Coated Gate And Post, Add	*576.19*	
		For 1" Mesh Fabric, Add	*964.01*	
		For 1-1/4" Mesh Fabric, Add	*620.51*	
		For 1-3/4" Mesh Fabric, Add	*385.60*	
		For 2-1/8" Mesh Fabric, Deduct	*-192.80*	
		For 16' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*375.33*	
		For 16' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*488.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0321	EA	18' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	2,813.06	108.11
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-466.57*	
		For Aluminized Steel Gate And Post, Add	*1,194.41*	
		For Powder Coated Gate And Post, Add	*646.97*	
		For 1" Mesh Fabric, Add	*1,082.44*	
		For 1-1/4" Mesh Fabric, Add	*696.74*	
		For 1-3/4" Mesh Fabric, Add	*432.97*	
		For 2-1/8" Mesh Fabric, Deduct	*-216.49*	
		For 18' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*413.19*	
		For 18' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*533.89*	
32 31 13 13-0322	EA	20' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	3,121.18	116.48
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-519.66*	
		For Aluminized Steel Gate And Post, Add	*1,330.32*	
		For Powder Coated Gate And Post, Add	*720.59*	
		For 1" Mesh Fabric, Add	*1,205.60*	
		For 1-1/4" Mesh Fabric, Add	*776.02*	
		For 1-3/4" Mesh Fabric, Add	*482.24*	
		For 2-1/8" Mesh Fabric, Deduct	*-241.12*	
		For 20' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*452.27*	
		For 20' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*580.89*	
32 31 13 13-0323	EA	22' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	3,428.02	126.15
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-571.73*	
		For Aluminized Steel Gate And Post, Add	*1,463.62*	
		For Powder Coated Gate And Post, Add	*792.79*	
		For 1" Mesh Fabric, Add	*1,326.40*	
		For 1-1/4" Mesh Fabric, Add	*853.78*	
		For 1-3/4" Mesh Fabric, Add	*530.56*	
		For 2-1/8" Mesh Fabric, Deduct	*-265.28*	
		For 22' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*524.80*	
		For 22' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*686.04*	
32 31 13 13-0324	EA	24' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	3,734.70	137.65
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-622.77*	
		For Aluminized Steel Gate And Post, Add	*1,594.30*	
		For Powder Coated Gate And Post, Add	*863.58*	
		For 1" Mesh Fabric, Add	*1,444.83*	
		For 1-1/4" Mesh Fabric, Add	*930.01*	
		For 1-3/4" Mesh Fabric, Add	*577.93*	
		For 2-1/8" Mesh Fabric, Deduct	*-288.97*	
		For 24' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*562.68*	
		For 24' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*731.84*	
32 31 13 13-0325	EA	26' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	4,059.18	151.43
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-675.86*	
		For Aluminized Steel Gate And Post, Add	*1,730.20*	
		For Powder Coated Gate And Post, Add	*937.19*	
		For 1" Mesh Fabric, Add	*1,568.00*	
		For 1-1/4" Mesh Fabric, Add	*1,009.29*	
		For 1-3/4" Mesh Fabric, Add	*627.20*	
		For 2-1/8" Mesh Fabric, Deduct	*-313.60*	
		For 26' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*601.75*	
		For 26' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*778.82*	
32 31 13 13-0326	EA	28' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	4,383.94	168.19
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-727.28*	
		For Aluminized Steel Gate And Post, Add	*1,861.85*	
		For Powder Coated Gate And Post, Add	*1,008.50*	
		For 1" Mesh Fabric, Add	*1,687.30*	
		For 1-1/4" Mesh Fabric, Add	*1,086.08*	
		For 1-3/4" Mesh Fabric, Add	*674.92*	
		For 2-1/8" Mesh Fabric, Deduct	*-337.46*	
		For 28' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*639.84*	
		For 28' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*824.84*	
32 31 13 13-0327	EA	30' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	4,717.32	189.22
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-777.95*	
		For Aluminized Steel Gate And Post, Add	*1,991.56*	
		For Powder Coated Gate And Post, Add	*1,078.76*	
		For 1" Mesh Fabric, Add	*1,804.85*	
		For 1-1/4" Mesh Fabric, Add	*1,161.75*	
		For 1-3/4" Mesh Fabric, Add	*721.94*	
		For 2-1/8" Mesh Fabric, Deduct	*-360.97*	
		For 30' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*677.49*	
		For 30' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*870.42*	
32 31 13 13-0328		**6' Fence Height** *(32 31 13 13-0287)*		
32 31 13 13-0329	EA	3' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	472.28	34.08
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-69.34*	
		For Aluminized Steel Gate And Post, Add	*177.51*	
		For Powder Coated Gate And Post, Add	*96.15*	
		For 1" Mesh Fabric, Add	*160.87*	
		For 1-1/4" Mesh Fabric, Add	*103.55*	
		For 1-3/4" Mesh Fabric, Add	*64.35*	
		For 2-1/8" Mesh Fabric, Deduct	*-32.17*	
		For 3' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*86.65*	
		For 3' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*123.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0330	EA	4' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	594.79	34.08
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-92.31*	
		For Aluminized Steel Gate And Post, Add	*236.31*	
		For Powder Coated Gate And Post, Add	*128.00*	
		For 1" Mesh Fabric, Add	*214.16*	
		For 1-1/4" Mesh Fabric, Add	*137.85*	
		For 1-3/4" Mesh Fabric, Add	*85.66*	
		For 2-1/8" Mesh Fabric, Deduct	*-42.83*	
		For 4' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*104.09*	
		For 4' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*144.62*	
32 31 13 13-0331	EA	5' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	694.82	36.23
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-109.88*	
		For Aluminized Steel Gate And Post, Add	*281.29*	
		For Powder Coated Gate And Post, Add	*152.37*	
		For 1" Mesh Fabric, Add	*254.92*	
		For 1-1/4" Mesh Fabric, Add	*164.09*	
		For 1-3/4" Mesh Fabric, Add	*101.97*	
		For 2-1/8" Mesh Fabric, Deduct	*-50.98*	
		For 5' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*118.35*	
		For 5' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*162.00*	
32 31 13 13-0332	EA	6' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	807.59	43.75
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-126.77*	
		For Aluminized Steel Gate And Post, Add	*324.52*	
		For Powder Coated Gate And Post, Add	*175.78*	
		For 1" Mesh Fabric, Add	*294.10*	
		For 1-1/4" Mesh Fabric, Add	*189.31*	
		For 1-3/4" Mesh Fabric, Add	*117.64*	
		For 2-1/8" Mesh Fabric, Deduct	*-58.82*	
		For 6' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*132.22*	
		For 6' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*180.68*	
32 31 13 13-0333	EA	7' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	925.59	51.41
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-144.63*	
		For Aluminized Steel Gate And Post, Add	*370.26*	
		For Powder Coated Gate And Post, Add	*200.56*	
		For 1" Mesh Fabric, Add	*335.55*	
		For 1-1/4" Mesh Fabric, Add	*215.99*	
		For 1-3/4" Mesh Fabric, Add	*134.22*	
		For 2-1/8" Mesh Fabric, Deduct	*-67.11*	
		For 7' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*146.66*	
		For 7' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*199.09*	
32 31 13 13-0334	EA	8' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	1,037.85	58.58
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-161.65*	
		For Aluminized Steel Gate And Post, Add	*413.82*	
		For Powder Coated Gate And Post, Add	*224.15*	
		For 1" Mesh Fabric, Add	*375.02*	
		For 1-1/4" Mesh Fabric, Add	*241.39*	
		For 1-3/4" Mesh Fabric, Add	*150.01*	
		For 2-1/8" Mesh Fabric, Deduct	*-75.00*	
		For 8' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*160.60*	
		For 8' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*216.99*	
32 31 13 13-0335	EA	9' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	1,151.34	66.11
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-178.67*	
		For Aluminized Steel Gate And Post, Add	*457.38*	
		For Powder Coated Gate And Post, Add	*247.75*	
		For 1" Mesh Fabric, Add	*414.50*	
		For 1-1/4" Mesh Fabric, Add	*266.81*	
		For 1-3/4" Mesh Fabric, Add	*165.80*	
		For 2-1/8" Mesh Fabric, Deduct	*-82.90*	
		For 9' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*174.55*	
		For 9' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*234.91*	
32 31 13 13-0336	EA	10' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	1,223.94	73.64
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-188.02*	
		For Aluminized Steel Gate And Post, Add	*481.34*	
		For Powder Coated Gate And Post, Add	*260.73*	
		For 1" Mesh Fabric, Add	*436.21*	
		For 1-1/4" Mesh Fabric, Add	*280.78*	
		For 1-3/4" Mesh Fabric, Add	*174.49*	
		For 2-1/8" Mesh Fabric, Deduct	*-87.24*	
		For 10' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*184.01*	
		For 10' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*248.31*	
32 31 13 13-0337	EA	10' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,696.31	73.52
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-276.68*	
		For Aluminized Steel Gate And Post, Add	*708.29*	
		For Powder Coated Gate And Post, Add	*383.66*	
		For 1" Mesh Fabric, Add	*641.89*	
		For 1-1/4" Mesh Fabric, Add	*413.17*	
		For 1-3/4" Mesh Fabric, Add	*256.75*	
		For 2-1/8" Mesh Fabric, Deduct	*-128.38*	
		For 10' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*270.09*	
		For 10' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*359.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0338	EA	12' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	2,008.72	79.62
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-331.80*	
		For Aluminized Steel Gate And Post, Add	*849.42*	
		For Powder Coated Gate And Post, Add	*460.10*	
		For 1" Mesh Fabric, Add	*769.78*	
		For 1-1/4" Mesh Fabric, Add	*495.49*	
		For 1-3/4" Mesh Fabric, Add	*307.91*	
		For 2-1/8" Mesh Fabric, Deduct	*-153.96*	
		For 12' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*310.37*	
		For 12' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*407.29*	
32 31 13 13-0339	EA	14' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	2,393.80	108.11
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-387.96*	
		For Aluminized Steel Gate And Post, Add	*993.17*	
		For Powder Coated Gate And Post, Add	*537.97*	
		For 1" Mesh Fabric, Add	*900.06*	
		For 1-1/4" Mesh Fabric, Add	*579.35*	
		For 1-3/4" Mesh Fabric, Add	*360.02*	
		For 2-1/8" Mesh Fabric, Deduct	*-180.01*	
		For 14' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*351.23*	
		For 14' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*456.07*	
32 31 13 13-0340	EA	16' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	2,712.81	116.48
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-443.09*	
		For Aluminized Steel Gate And Post, Add	*1,134.30*	
		For Powder Coated Gate And Post, Add	*614.41*	
		For 1" Mesh Fabric, Add	*1,027.96*	
		For 1-1/4" Mesh Fabric, Add	*661.68*	
		For 1-3/4" Mesh Fabric, Add	*411.18*	
		For 2-1/8" Mesh Fabric, Deduct	*-205.59*	
		For 16' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*391.50*	
		For 16' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*504.26*	
32 31 13 13-0341	EA	18' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	3,041.42	126.15
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-499.24*	
		For Aluminized Steel Gate And Post, Add	*1,278.05*	
		For Powder Coated Gate And Post, Add	*692.28*	
		For 1" Mesh Fabric, Add	*1,158.23*	
		For 1-1/4" Mesh Fabric, Add	*745.53*	
		For 1-3/4" Mesh Fabric, Add	*463.29*	
		For 2-1/8" Mesh Fabric, Deduct	*-231.65*	
		For 18' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*432.36*	
		For 18' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*553.06*	
32 31 13 13-0342	EA	20' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	3,375.33	137.65
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-555.39*	
		For Aluminized Steel Gate And Post, Add	*1,421.80*	
		For Powder Coated Gate And Post, Add	*770.14*	
		For 1" Mesh Fabric, Add	*1,288.50*	
		For 1-1/4" Mesh Fabric, Add	*829.38*	
		For 1-3/4" Mesh Fabric, Add	*515.40*	
		For 2-1/8" Mesh Fabric, Deduct	*-257.70*	
		For 20' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*473.23*	
		For 20' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*601.85*	
32 31 13 13-0343	EA	22' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	3,710.70	151.43
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-610.52*	
		For Aluminized Steel Gate And Post, Add	*1,562.93*	
		For Powder Coated Gate And Post, Add	*846.59*	
		For 1" Mesh Fabric, Add	*1,416.41*	
		For 1-1/4" Mesh Fabric, Add	*911.71*	
		For 1-3/4" Mesh Fabric, Add	*566.56*	
		For 2-1/8" Mesh Fabric, Deduct	*-283.28*	
		For 22' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*547.56*	
		For 22' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*708.80*	
32 31 13 13-0344	EA	24' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	4,057.95	168.19
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-666.16*	
		For Aluminized Steel Gate And Post, Add	*1,705.37*	
		For Powder Coated Gate And Post, Add	*923.74*	
		For 1" Mesh Fabric, Add	*1,545.49*	
		For 1-1/4" Mesh Fabric, Add	*994.80*	
		For 1-3/4" Mesh Fabric, Add	*618.20*	
		For 2-1/8" Mesh Fabric, Deduct	*-309.10*	
		For 24' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*588.13*	
		For 24' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*757.29*	
32 31 13 13-0345	EA	26' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	4,414.58	189.22
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-721.19*	
		For Aluminized Steel Gate And Post, Add	*1,846.25*	
		For Powder Coated Gate And Post, Add	*1,000.05*	
		For 1" Mesh Fabric, Add	*1,673.16*	
		For 1-1/4" Mesh Fabric, Add	*1,076.98*	
		For 1-3/4" Mesh Fabric, Add	*669.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-334.63*	
		For 26' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*628.35*	
		For 26' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*805.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0346	EA	28' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	4,793.05	216.21
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-776.93*	
		For Aluminized Steel Gate And Post, Add	*1,988.95*	
		For Powder Coated Gate And Post, Add	*1,077.35*	
		For 1" Mesh Fabric, Add	*1,802.48*	
		For 1-1/4" Mesh Fabric, Add	*1,160.22*	
		For 1-3/4" Mesh Fabric, Add	*720.99*	
		For 2-1/8" Mesh Fabric, Deduct	*-360.50*	
		For 28' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*668.97*	
		For 28' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*853.97*	
32 31 13 13-0347	EA	30' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	5,199.12	252.29
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-832.78*	
		For Aluminized Steel Gate And Post, Add	*2,131.92*	
		For Powder Coated Gate And Post, Add	*1,154.79*	
		For 1" Mesh Fabric, Add	*1,932.05*	
		For 1-1/4" Mesh Fabric, Add	*1,243.62*	
		For 1-3/4" Mesh Fabric, Add	*772.82*	
		For 2-1/8" Mesh Fabric, Deduct	*-386.41*	
		For 30' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*709.65*	
		For 30' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*902.58*	
32 31 13 13-0348		**7' Fence Height** *(32 31 13 13-0287)*		
32 31 13 13-0349	EA	3' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	496.04	36.70
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-72.32*	
		For Aluminized Steel Gate And Post, Add	*185.13*	
		For Powder Coated Gate And Post, Add	*100.28*	
		For 1" Mesh Fabric, Add	*167.78*	
		For 1-1/4" Mesh Fabric, Add	*107.99*	
		For 1-3/4" Mesh Fabric, Add	*67.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-33.56*	
		For 3' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*88.40*	
		For 3' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*124.97*	
32 31 13 13-0350	EA	4' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	623.09	36.70
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-96.14*	
		For Aluminized Steel Gate And Post, Add	*246.12*	
		For Powder Coated Gate And Post, Add	*133.31*	
		For 1" Mesh Fabric, Add	*223.04*	
		For 1-1/4" Mesh Fabric, Add	*143.57*	
		For 1-3/4" Mesh Fabric, Add	*89.22*	
		For 2-1/8" Mesh Fabric, Deduct	*-44.61*	
		For 4' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*106.33*	
		For 4' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*146.86*	
32 31 13 13-0351	EA	5' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	731.61	38.62
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-115.43*	
		For Aluminized Steel Gate And Post, Add	*295.51*	
		For Powder Coated Gate And Post, Add	*160.07*	
		For 1" Mesh Fabric, Add	*267.81*	
		For 1-1/4" Mesh Fabric, Add	*172.38*	
		For 1-3/4" Mesh Fabric, Add	*107.12*	
		For 2-1/8" Mesh Fabric, Deduct	*-53.56*	
		For 5' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*121.61*	
		For 5' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*165.26*	
32 31 13 13-0352	EA	6' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	896.47	46.98
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-141.64*	
		For Aluminized Steel Gate And Post, Add	*362.59*	
		For Powder Coated Gate And Post, Add	*196.40*	
		For 1" Mesh Fabric, Add	*328.60*	
		For 1-1/4" Mesh Fabric, Add	*211.51*	
		For 1-3/4" Mesh Fabric, Add	*131.44*	
		For 2-1/8" Mesh Fabric, Deduct	*-65.72*	
		For 6' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*140.94*	
		For 6' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*189.40*	
32 31 13 13-0353	EA	7' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	1,060.17	54.99
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-167.85*	
		For Aluminized Steel Gate And Post, Add	*429.70*	
		For Powder Coated Gate And Post, Add	*232.75*	
		For 1" Mesh Fabric, Add	*389.41*	
		For 1-1/4" Mesh Fabric, Add	*250.66*	
		For 1-3/4" Mesh Fabric, Add	*155.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-77.88*	
		For 7' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*160.28*	
		For 7' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*212.71*	
32 31 13 13-0354	EA	8' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	1,225.04	63.25
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-194.06*	
		For Aluminized Steel Gate And Post, Add	*496.78*	
		For Powder Coated Gate And Post, Add	*269.09*	
		For 1" Mesh Fabric, Add	*450.21*	
		For 1-1/4" Mesh Fabric, Add	*289.79*	
		For 1-3/4" Mesh Fabric, Add	*180.08*	
		For 2-1/8" Mesh Fabric, Deduct	*-90.04*	
		For 8' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*179.62*	
		For 8' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*236.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0355	EA	9' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	1,388.75	71.25
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-220.27*	
		For Aluminized Steel Gate And Post, Add	*563.88*	
		For Powder Coated Gate And Post, Add	*305.44*	
		For 1" Mesh Fabric, Add	*511.02*	
		For 1-1/4" Mesh Fabric, Add	*328.93*	
		For 1-3/4" Mesh Fabric, Add	*204.41*	
		For 2-1/8" Mesh Fabric, Deduct	*-102.20*	
		For 9' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*198.95*	
		For 9' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*259.31*	
32 31 13 13-0356	EA	10' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	1,528.43	79.62
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-241.75*	
		For Aluminized Steel Gate And Post, Add	*618.88*	
		For Powder Coated Gate And Post, Add	*335.23*	
		For 1" Mesh Fabric, Add	*560.86*	
		For 1-1/4" Mesh Fabric, Add	*361.01*	
		For 1-3/4" Mesh Fabric, Add	*224.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-112.17*	
		For 10' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*215.53*	
		For 10' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*279.83*	
32 31 13 13-0357	EA	10' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,931.51	79.62
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-317.33*	
		For Aluminized Steel Gate And Post, Add	*812.36*	
		For Powder Coated Gate And Post, Add	*440.03*	
		For 1" Mesh Fabric, Add	*736.20*	
		For 1-1/4" Mesh Fabric, Add	*473.87*	
		For 1-3/4" Mesh Fabric, Add	*294.48*	
		For 2-1/8" Mesh Fabric, Deduct	*-147.24*	
		For 10' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*293.94*	
		For 10' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*382.95*	
32 31 13 13-0358	EA	12' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,206.52	108.11
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-352.84*	
		For Aluminized Steel Gate And Post, Add	*903.27*	
		For Powder Coated Gate And Post, Add	*489.27*	
		For 1" Mesh Fabric, Add	*818.59*	
		For 1-1/4" Mesh Fabric, Add	*526.91*	
		For 1-3/4" Mesh Fabric, Add	*327.44*	
		For 2-1/8" Mesh Fabric, Deduct	*-163.72*	
		For 12' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*322.71*	
		For 12' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*419.63*	
32 31 13 13-0359	EA	14' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,545.14	116.48
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-411.65*	
		For Aluminized Steel Gate And Post, Add	*1,053.82*	
		For Powder Coated Gate And Post, Add	*570.82*	
		For 1" Mesh Fabric, Add	*955.03*	
		For 1-1/4" Mesh Fabric, Add	*614.73*	
		For 1-3/4" Mesh Fabric, Add	*382.01*	
		For 2-1/8" Mesh Fabric, Deduct	*-191.01*	
		For 14' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*365.13*	
		For 14' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*469.97*	
32 31 13 13-0360	EA	16' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,861.74	126.15
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-465.55*	
		For Aluminized Steel Gate And Post, Add	*1,191.80*	
		For Powder Coated Gate And Post, Add	*645.56*	
		For 1" Mesh Fabric, Add	*1,080.07*	
		For 1-1/4" Mesh Fabric, Add	*695.22*	
		For 1-3/4" Mesh Fabric, Add	*432.03*	
		For 2-1/8" Mesh Fabric, Deduct	*-216.01*	
		For 16' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*404.68*	
		For 16' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*517.44*	
32 31 13 13-0361	EA	18' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	3,211.98	137.65
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-524.76*	
		For Aluminized Steel Gate And Post, Add	*1,343.39*	
		For Powder Coated Gate And Post, Add	*727.67*	
		For 1" Mesh Fabric, Add	*1,217.45*	
		For 1-1/4" Mesh Fabric, Add	*783.64*	
		For 1-3/4" Mesh Fabric, Add	*486.98*	
		For 2-1/8" Mesh Fabric, Deduct	*-243.49*	
		For 18' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*447.33*	
		For 18' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*568.03*	
32 31 13 13-0362	EA	20' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	3,563.69	151.43
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-582.96*	
		For Aluminized Steel Gate And Post, Add	*1,492.37*	
		For Powder Coated Gate And Post, Add	*808.37*	
		For 1" Mesh Fabric, Add	*1,352.46*	
		For 1-1/4" Mesh Fabric, Add	*870.55*	
		For 1-3/4" Mesh Fabric, Add	*540.98*	
		For 2-1/8" Mesh Fabric, Deduct	*-270.49*	
		For 20' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*489.40*	
		For 20' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*618.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0363	EA	22' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	3,924.55	168.19
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-641.15*	
		For Aluminized Steel Gate And Post, Add	*1,641.34*	
		For Powder Coated Gate And Post, Add	*889.06*	
		For 1" Mesh Fabric, Add	*1,487.47*	
		For 1-1/4" Mesh Fabric, Add	*957.45*	
		For 1-3/4" Mesh Fabric, Add	*594.99*	
		For 2-1/8" Mesh Fabric, Deduct	*-297.49*	
		For 22' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*565.53*	
		For 22' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*726.77*	
32 31 13 13-0364	EA	24' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	4,298.05	189.22
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-699.34*	
		For Aluminized Steel Gate And Post, Add	*1,790.31*	
		For Powder Coated Gate And Post, Add	*969.75*	
		For 1" Mesh Fabric, Add	*1,622.47*	
		For 1-1/4" Mesh Fabric, Add	*1,044.35*	
		For 1-3/4" Mesh Fabric, Add	*648.99*	
		For 2-1/8" Mesh Fabric, Deduct	*-324.49*	
		For 24' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*607.60*	
		For 24' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*776.76*	
32 31 13 13-0365	EA	26' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	4,689.60	216.21
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-757.54*	
		For Aluminized Steel Gate And Post, Add	*1,939.29*	
		For Powder Coated Gate And Post, Add	*1,050.45*	
		For 1" Mesh Fabric, Add	*1,757.48*	
		For 1-1/4" Mesh Fabric, Add	*1,131.25*	
		For 1-3/4" Mesh Fabric, Add	*702.99*	
		For 2-1/8" Mesh Fabric, Deduct	*-351.50*	
		For 26' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*649.67*	
		For 26' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*826.74*	
32 31 13 13-0366	EA	28' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	5,108.19	252.29
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-815.73*	
		For Aluminized Steel Gate And Post, Add	*2,088.27*	
		For Powder Coated Gate And Post, Add	*1,131.15*	
		For 1" Mesh Fabric, Add	*1,892.49*	
		For 1-1/4" Mesh Fabric, Add	*1,218.16*	
		For 1-3/4" Mesh Fabric, Add	*757.00*	
		For 2-1/8" Mesh Fabric, Deduct	*-378.50*	
		For 28' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*691.73*	
		For 28' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*876.73*	
32 31 13 13-0367	EA	30' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	5,570.08	302.72
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-873.92*	
		For Aluminized Steel Gate And Post, Add	*2,237.24*	
		For Powder Coated Gate And Post, Add	*1,211.84*	
		For 1" Mesh Fabric, Add	*2,027.50*	
		For 1-1/4" Mesh Fabric, Add	*1,305.06*	
		For 1-3/4" Mesh Fabric, Add	*811.00*	
		For 2-1/8" Mesh Fabric, Deduct	*-405.50*	
		For 30' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*733.79*	
		For 30' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*926.72*	

32 31 13 13-0368 8' Fence Height *(32 31 13 13-0287)*

32 31 13 13-0369	EA	3' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	580.17	39.81
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-86.37*	
		For Aluminized Steel Gate And Post, Add	*221.10*	
		For Powder Coated Gate And Post, Add	*119.76*	
		For 1" Mesh Fabric, Add	*200.37*	
		For 1-1/4" Mesh Fabric, Add	*128.97*	
		For 1-3/4" Mesh Fabric, Add	*80.15*	
		For 2-1/8" Mesh Fabric, Deduct	*-40.07*	
		For 3' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*96.64*	
		For 3' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*133.21*	
32 31 13 13-0370	EA	4' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	733.72	39.81
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-115.16*	
		For Aluminized Steel Gate And Post, Add	*294.80*	
		For Powder Coated Gate And Post, Add	*159.68*	
		For 1" Mesh Fabric, Add	*267.16*	
		For 1-1/4" Mesh Fabric, Add	*171.97*	
		For 1-3/4" Mesh Fabric, Add	*106.87*	
		For 2-1/8" Mesh Fabric, Deduct	*-53.43*	
		For 4' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*117.49*	
		For 4' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*158.02*	
32 31 13 13-0371	EA	5' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	855.62	44.35
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-135.44*	
		For Aluminized Steel Gate And Post, Add	*346.71*	
		For Powder Coated Gate And Post, Add	*187.80*	
		For 1" Mesh Fabric, Add	*314.21*	
		For 1-1/4" Mesh Fabric, Add	*202.25*	
		For 1-3/4" Mesh Fabric, Add	*125.68*	
		For 2-1/8" Mesh Fabric, Deduct	*-62.84*	
		For 5' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*133.35*	
		For 5' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*177.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0372	EA	6' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	981.13	50.21
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-155.72*	
		For Aluminized Steel Gate And Post, Add	*398.64*	
		For Powder Coated Gate And Post, Add	*215.93*	
		For 1" Mesh Fabric, Add	*361.27*	
		For 1-1/4" Mesh Fabric, Add	*232.54*	
		For 1-3/4" Mesh Fabric, Add	*144.51*	
		For 2-1/8" Mesh Fabric, Deduct	*-72.25*	
		For 6' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*149.21*	
		For 6' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*197.67*	
32 31 13 13-0373	EA	7' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	1,120.38	60.49
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-176.00*	
		For Aluminized Steel Gate And Post, Add	*450.56*	
		For Powder Coated Gate And Post, Add	*244.05*	
		For 1" Mesh Fabric, Add	*408.32*	
		For 1-1/4" Mesh Fabric, Add	*262.83*	
		For 1-3/4" Mesh Fabric, Add	*163.33*	
		For 2-1/8" Mesh Fabric, Deduct	*-81.66*	
		For 7' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*165.06*	
		For 7' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*217.49*	
32 31 13 13-0374	EA	8' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	1,258.45	70.42
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-196.28*	
		For Aluminized Steel Gate And Post, Add	*502.49*	
		For Powder Coated Gate And Post, Add	*272.18*	
		For 1" Mesh Fabric, Add	*455.38*	
		For 1-1/4" Mesh Fabric, Add	*293.12*	
		For 1-3/4" Mesh Fabric, Add	*182.15*	
		For 2-1/8" Mesh Fabric, Deduct	*-91.08*	
		For 8' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*180.92*	
		For 8' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*237.31*	
32 31 13 13-0375	EA	9' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	1,397.71	80.82
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-216.57*	
		For Aluminized Steel Gate And Post, Add	*554.41*	
		For Powder Coated Gate And Post, Add	*300.31*	
		For 1" Mesh Fabric, Add	*502.43*	
		For 1-1/4" Mesh Fabric, Add	*323.41*	
		For 1-3/4" Mesh Fabric, Add	*200.97*	
		For 2-1/8" Mesh Fabric, Deduct	*-100.49*	
		For 9' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*196.78*	
		For 9' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*257.14*	
32 31 13 13-0376	EA	10' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	1,536.95	91.22
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-236.85*	
		For Aluminized Steel Gate And Post, Add	*606.33*	
		For Powder Coated Gate And Post, Add	*328.43*	
		For 1" Mesh Fabric, Add	*549.49*	
		For 1-1/4" Mesh Fabric, Add	*353.69*	
		For 1-3/4" Mesh Fabric, Add	*219.80*	
		For 2-1/8" Mesh Fabric, Deduct	*-109.90*	
		For 10' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*212.65*	
		For 10' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*276.95*	
32 31 13 13-0377	EA	10' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,219.52	108.11
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-355.28*	
		For Aluminized Steel Gate And Post, Add	*909.51*	
		For Powder Coated Gate And Post, Add	*492.65*	
		For 1" Mesh Fabric, Add	*824.25*	
		For 1-1/4" Mesh Fabric, Add	*530.55*	
		For 1-3/4" Mesh Fabric, Add	*329.70*	
		For 2-1/8" Mesh Fabric, Deduct	*-164.85*	
		For 10' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*316.20*	
		For 10' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*405.21*	
32 31 13 13-0378	EA	12' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,609.36	116.48
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-423.69*	
		For Aluminized Steel Gate And Post, Add	*1,084.65*	
		For Powder Coated Gate And Post, Add	*587.52*	
		For 1" Mesh Fabric, Add	*982.96*	
		For 1-1/4" Mesh Fabric, Add	*632.71*	
		For 1-3/4" Mesh Fabric, Add	*393.18*	
		For 2-1/8" Mesh Fabric, Deduct	*-196.59*	
		For 12' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*364.27*	
		For 12' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*461.19*	
32 31 13 13-0379	EA	14' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	3,008.76	126.15
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-493.11*	
		For Aluminized Steel Gate And Post, Add	*1,262.37*	
		For Powder Coated Gate And Post, Add	*683.78*	
		For 1" Mesh Fabric, Add	*1,144.02*	
		For 1-1/4" Mesh Fabric, Add	*736.38*	
		For 1-3/4" Mesh Fabric, Add	*457.61*	
		For 2-1/8" Mesh Fabric, Deduct	*-228.80*	
		For 14' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*412.92*	
		For 14' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*517.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0380	EA	16' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	3,424.33	137.65
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-564.58*	
		For Aluminized Steel Gate And Post, Add	*1,445.32*	
		For Powder Coated Gate And Post, Add	*782.88*	
		For 1" Mesh Fabric, Add	*1,309.82*	
		For 1-1/4" Mesh Fabric, Add	*843.10*	
		For 1-3/4" Mesh Fabric, Add	*523.93*	
		For 2-1/8" Mesh Fabric, Deduct	*-261.96*	
		For 16' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*462.78*	
		For 16' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*575.54*	
32 31 13 13-0381	EA	18 Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	3,846.83	151.43
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-636.05*	
		For Aluminized Steel Gate And Post, Add	*1,628.28*	
		For Powder Coated Gate And Post, Add	*881.98*	
		For 1" Mesh Fabric, Add	*1,475.62*	
		For 1-1/4" Mesh Fabric, Add	*949.83*	
		For 1-3/4" Mesh Fabric, Add	*590.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-295.12*	
32 31 13 13-0382	EA	20' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	4,273.03	168.19
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-706.49*	
		For Aluminized Steel Gate And Post, Add	*1,808.61*	
		For Powder Coated Gate And Post, Add	*979.66*	
		For 1" Mesh Fabric, Add	*1,639.05*	
		For 1-1/4" Mesh Fabric, Add	*1,055.02*	
		For 1-3/4" Mesh Fabric, Add	*655.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-327.81*	
		For 20' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*561.87*	
		For 20' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*690.49*	
32 31 13 13-0383	EA	22' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	4,706.43	189.22
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-775.91*	
		For Aluminized Steel Gate And Post, Add	*1,986.34*	
		For Powder Coated Gate And Post, Add	*1,075.93*	
		For 1" Mesh Fabric, Add	*1,800.12*	
		For 1-1/4" Mesh Fabric, Add	*1,158.70*	
		For 1-3/4" Mesh Fabric, Add	*720.05*	
		For 2-1/8" Mesh Fabric, Deduct	*-360.02*	
		For 22' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*644.59*	
		For 22' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*805.83*	
32 31 13 13-0384	EA	24' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	5,168.76	216.21
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-847.38*	
		For Aluminized Steel Gate And Post, Add	*2,169.29*	
		For Powder Coated Gate And Post, Add	*1,175.03*	
		For 1" Mesh Fabric, Add	*1,965.92*	
		For 1-1/4" Mesh Fabric, Add	*1,265.42*	
		For 1-3/4" Mesh Fabric, Add	*786.37*	
		For 2-1/8" Mesh Fabric, Deduct	*-393.18*	
		For 24' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*694.45*	
		For 24' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*863.61*	
32 31 13 13-0385	EA	26' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	5,658.13	252.29
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-918.84*	
		For Aluminized Steel Gate And Post, Add	*2,352.24*	
		For Powder Coated Gate And Post, Add	*1,274.13*	
		For 1" Mesh Fabric, Add	*2,131.72*	
		For 1-1/4" Mesh Fabric, Add	*1,372.14*	
		For 1-3/4" Mesh Fabric, Add	*852.69*	
		For 2-1/8" Mesh Fabric, Deduct	*-426.34*	
		For 26' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*744.31*	
		For 26' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*921.38*	
32 31 13 13-0386	EA	28' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	6,185.36	302.72
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-989.29*	
		For Aluminized Steel Gate And Post, Add	*2,532.58*	
		For Powder Coated Gate And Post, Add	*1,371.81*	
		For 1" Mesh Fabric, Add	*2,295.15*	
		For 1-1/4" Mesh Fabric, Add	*1,477.34*	
		For 1-3/4" Mesh Fabric, Add	*918.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-459.03*	
		For 28' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*793.55*	
		For 28' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*978.55*	
32 31 13 13-0387	EA	30' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	6,788.36	378.44
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,059.73*	
		For Aluminized Steel Gate And Post, Add	*2,712.92*	
		For Powder Coated Gate And Post, Add	*1,469.50*	
		For 1" Mesh Fabric, Add	*2,458.58*	
		For 1-1/4" Mesh Fabric, Add	*1,582.53*	
		For 1-3/4" Mesh Fabric, Add	*983.43*	
		For 2-1/8" Mesh Fabric, Deduct	*-491.72*	
		For 30' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*842.80*	
		For 30' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*1,035.73*	

32 31 13 13-0388 10' Fence Height *(32 31 13 13-0287)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0389	EA	3' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	728.48	44.23
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-111.68*	
		For Aluminized Steel Gate And Post, Add	*285.91*	
		For Powder Coated Gate And Post, Add	*154.87*	
		For 1" Mesh Fabric, Add	*259.11*	
		For 1-1/4" Mesh Fabric, Add	*166.78*	
		For 1-3/4" Mesh Fabric, Add	*103.64*	
		For 2-1/8" Mesh Fabric, Deduct	*-51.82*	
		For 3' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*111.49*	
		For 3' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*148.06*	
32 31 13 13-0390	EA	4' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	927.02	44.23
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-148.91*	
		For Aluminized Steel Gate And Post, Add	*381.21*	
		For Powder Coated Gate And Post, Add	*206.49*	
		For 1" Mesh Fabric, Add	*345.47*	
		For 1-1/4" Mesh Fabric, Add	*222.37*	
		For 1-3/4" Mesh Fabric, Add	*138.19*	
		For 2-1/8" Mesh Fabric, Deduct	*-69.09*	
		For 4' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*137.29*	
		For 4' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*177.82*	
32 31 13 13-0391	EA	5' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,072.77	46.15
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-175.14*	
		For Aluminized Steel Gate And Post, Add	*448.36*	
		For Powder Coated Gate And Post, Add	*242.86*	
		For 1" Mesh Fabric, Add	*406.33*	
		For 1-1/4" Mesh Fabric, Add	*261.55*	
		For 1-3/4" Mesh Fabric, Add	*162.53*	
		For 2-1/8" Mesh Fabric, Deduct	*-81.27*	
		For 5' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*156.64*	
		For 5' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*200.29*	
32 31 13 13-0392	EA	6' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,246.13	57.38
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-201.37*	
		For Aluminized Steel Gate And Post, Add	*515.51*	
		For Powder Coated Gate And Post, Add	*279.23*	
		For 1" Mesh Fabric, Add	*467.18*	
		For 1-1/4" Mesh Fabric, Add	*300.71*	
		For 1-3/4" Mesh Fabric, Add	*186.87*	
		For 2-1/8" Mesh Fabric, Deduct	*-93.44*	
		For 6' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*175.99*	
		For 6' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*224.45*	
32 31 13 13-0393	EA	7' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,418.77	68.03
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-227.59*	
		For Aluminized Steel Gate And Post, Add	*582.64*	
		For Powder Coated Gate And Post, Add	*315.60*	
		For 1" Mesh Fabric, Add	*528.02*	
		For 1-1/4" Mesh Fabric, Add	*339.87*	
		For 1-3/4" Mesh Fabric, Add	*211.21*	
		For 2-1/8" Mesh Fabric, Deduct	*-105.60*	
		For 7' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*195.33*	
		For 7' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*247.76*	
32 31 13 13-0394	EA	8' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,591.62	79.26
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-253.82*	
		For Aluminized Steel Gate And Post, Add	*649.79*	
		For Powder Coated Gate And Post, Add	*351.97*	
		For 1" Mesh Fabric, Add	*588.87*	
		For 1-1/4" Mesh Fabric, Add	*379.04*	
		For 1-3/4" Mesh Fabric, Add	*235.55*	
		For 2-1/8" Mesh Fabric, Deduct	*-117.77*	
		For 8' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*214.68*	
		For 8' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*271.07*	
32 31 13 13-0395	EA	9' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,763.78	90.03
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-280.05*	
		For Aluminized Steel Gate And Post, Add	*716.93*	
		For Powder Coated Gate And Post, Add	*388.34*	
		For 1" Mesh Fabric, Add	*649.72*	
		For 1-1/4" Mesh Fabric, Add	*418.21*	
		For 1-3/4" Mesh Fabric, Add	*259.89*	
		For 2-1/8" Mesh Fabric, Deduct	*-129.94*	
		For 9' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*234.03*	
		For 9' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*294.39*	
32 31 13 13-0396	EA	10' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,937.16	101.14
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-306.28*	
		For Aluminized Steel Gate And Post, Add	*784.08*	
		For Powder Coated Gate And Post, Add	*424.71*	
		For 1" Mesh Fabric, Add	*710.57*	
		For 1-1/4" Mesh Fabric, Add	*457.38*	
		For 1-3/4" Mesh Fabric, Add	*284.23*	
		For 2-1/8" Mesh Fabric, Deduct	*-142.11*	
		For 10' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*253.39*	
		For 10' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*317.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0397	EA	10' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	2,811.01	120.18
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-459.42*	
		For Aluminized Steel Gate And Post, Add	*1,176.11*	
		For Powder Coated Gate And Post, Add	*637.06*	
		For 1" Mesh Fabric, Add	*1,065.85*	
		For 1-1/4" Mesh Fabric, Add	*686.06*	
		For 1-3/4" Mesh Fabric, Add	*426.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-213.17*	
		For 10' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*377.30*	
		For 10' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*466.31*	
32 31 13 13-0398	EA	12' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	3,056.48	129.27
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-500.27*	
		For Aluminized Steel Gate And Post, Add	*1,280.68*	
		For Powder Coated Gate And Post, Add	*693.70*	
		For 1" Mesh Fabric, Add	*1,160.62*	
		For 1-1/4" Mesh Fabric, Add	*747.07*	
		For 1-3/4" Mesh Fabric, Add	*464.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-232.12*	
		For 12' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*409.20*	
		For 12' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*506.12*	
32 31 13 13-0399	EA	14' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	3,480.99	140.21
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-573.77*	
		For Aluminized Steel Gate And Post, Add	*1,468.84*	
		For Powder Coated Gate And Post, Add	*795.62*	
		For 1" Mesh Fabric, Add	*1,331.14*	
		For 1-1/4" Mesh Fabric, Add	*856.83*	
		For 1-3/4" Mesh Fabric, Add	*532.46*	
		For 2-1/8" Mesh Fabric, Deduct	*-266.23*	
		For 14' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*460.24*	
		For 14' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*565.08*	
32 31 13 13-0400	EA	16' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	3,954.68	152.85
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-655.44*	
		For Aluminized Steel Gate And Post, Add	*1,677.93*	
		For Powder Coated Gate And Post, Add	*908.88*	
		For 1" Mesh Fabric, Add	*1,520.63*	
		For 1-1/4" Mesh Fabric, Add	*978.79*	
		For 1-3/4" Mesh Fabric, Add	*608.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-304.13*	
		For 16' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*516.09*	
		For 16' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*628.85*	
32 31 13 13-0401	EA	18' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	4,436.38	168.19
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-737.12*	
		For Aluminized Steel Gate And Post, Add	*1,887.02*	
		For Powder Coated Gate And Post, Add	*1,022.14*	
		For 1" Mesh Fabric, Add	*1,710.11*	
		For 1-1/4" Mesh Fabric, Add	*1,100.76*	
		For 1-3/4" Mesh Fabric, Add	*684.04*	
		For 2-1/8" Mesh Fabric, Deduct	*-342.02*	
		For 18' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*571.91*	
		For 18' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*692.61*	
32 31 13 13-0402	EA	20' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	4,930.54	186.80
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-819.30*	
		For Aluminized Steel Gate And Post, Add	*2,097.41*	
		For Powder Coated Gate And Post, Add	*1,136.10*	
		For 1" Mesh Fabric, Add	*1,900.78*	
		For 1-1/4" Mesh Fabric, Add	*1,223.49*	
		For 1-3/4" Mesh Fabric, Add	*760.31*	
		For 2-1/8" Mesh Fabric, Deduct	*-380.16*	
		For 20' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*628.06*	
		For 20' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*756.68*	
32 31 13 13-0403	EA	22' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	5,439.31	210.25
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-901.49*	
		For Aluminized Steel Gate And Post, Add	*2,307.81*	
		For Powder Coated Gate And Post, Add	*1,250.06*	
		For 1" Mesh Fabric, Add	*2,091.45*	
		For 1-1/4" Mesh Fabric, Add	*1,346.22*	
		For 1-3/4" Mesh Fabric, Add	*836.58*	
		For 2-1/8" Mesh Fabric, Deduct	*-418.29*	
		For 22' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*718.26*	
		For 22' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*879.50*	
32 31 13 13-0404	EA	24' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	5,964.64	240.07
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-983.16*	
		For Aluminized Steel Gate And Post, Add	*2,516.90*	
		For Powder Coated Gate And Post, Add	*1,363.32*	
		For 1" Mesh Fabric, Add	*2,280.94*	
		For 1-1/4" Mesh Fabric, Add	*1,468.19*	
		For 1-3/4" Mesh Fabric, Add	*912.38*	
		For 2-1/8" Mesh Fabric, Deduct	*-456.19*	
		For 24' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*774.11*	
		For 24' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*943.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0405	EA	26' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	6,520.96	280.28
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,064.84*	
		For Aluminized Steel Gate And Post, Add	*2,725.99*	
		For Powder Coated Gate And Post, Add	*1,476.58*	
		For 1" Mesh Fabric, Add	*2,470.43*	
		For 1-1/4" Mesh Fabric, Add	*1,590.16*	
		For 1-3/4" Mesh Fabric, Add	*988.17*	
		For 2-1/8" Mesh Fabric, Deduct	*-494.09*	
		For 26' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*829.96*	
		For 26' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*1,007.03*	
32 31 13 13-0406	EA	28' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	7,124.02	336.11
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,146.51*	
		For Aluminized Steel Gate And Post, Add	*2,935.08*	
		For Powder Coated Gate And Post, Add	*1,589.83*	
		For 1" Mesh Fabric, Add	*2,659.91*	
		For 1-1/4" Mesh Fabric, Add	*1,712.13*	
		For 1-3/4" Mesh Fabric, Add	*1,063.96*	
		For 2-1/8" Mesh Fabric, Deduct	*-531.98*	
		For 28' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*885.79*	
		For 28' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*1,070.79*	
32 31 13 13-0407	EA	30' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	7,818.50	420.49
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,229.21*	
		For Aluminized Steel Gate And Post, Add	*3,146.77*	
		For Powder Coated Gate And Post, Add	*1,704.50*	
		For 1" Mesh Fabric, Add	*2,851.76*	
		For 1-1/4" Mesh Fabric, Add	*1,835.62*	
		For 1-3/4" Mesh Fabric, Add	*1,140.71*	
		For 2-1/8" Mesh Fabric, Deduct	*-570.35*	
		For 30' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*942.23*	
		For 30' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*1,135.16*	

32 31 13 13-0408 12' Fence Height *(32 31 13 13-0287)*

32 31 13 13-0409	EA	3' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	910.02	49.13
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-142.96*	
		For Aluminized Steel Gate And Post, Add	*365.97*	
		For Powder Coated Gate And Post, Add	*198.23*	
		For 1" Mesh Fabric, Add	*331.66*	
		For 1-1/4" Mesh Fabric, Add	*213.48*	
		For 1-3/4" Mesh Fabric, Add	*132.66*	
		For 2-1/8" Mesh Fabric, Deduct	*-66.33*	
		For 3' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*166.41*	
32 31 13 13-0410	EA	4' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	1,164.15	49.13
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-190.61*	
		For Aluminized Steel Gate And Post, Add	*487.95*	
		For Powder Coated Gate And Post, Add	*264.31*	
		For 1" Mesh Fabric, Add	*442.20*	
		For 1-1/4" Mesh Fabric, Add	*284.64*	
		For 1-3/4" Mesh Fabric, Add	*176.88*	
		For 2-1/8" Mesh Fabric, Deduct	*-88.44*	
		For 4' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*161.75*	
		For 4' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*202.28*	
32 31 13 13-0411	EA	5' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	1,348.65	50.93
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-224.18*	
		For Aluminized Steel Gate And Post, Add	*573.90*	
		For Powder Coated Gate And Post, Add	*310.86*	
		For 1" Mesh Fabric, Add	*520.10*	
		For 1-1/4" Mesh Fabric, Add	*334.78*	
		For 1-3/4" Mesh Fabric, Add	*208.04*	
		For 2-1/8" Mesh Fabric, Deduct	*-104.02*	
		For 5' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*185.41*	
		For 5' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*229.06*	
32 31 13 13-0412	EA	6' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	1,564.76	63.25
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-257.75*	
		For Aluminized Steel Gate And Post, Add	*659.85*	
		For Powder Coated Gate And Post, Add	*357.42*	
		For 1" Mesh Fabric, Add	*597.99*	
		For 1-1/4" Mesh Fabric, Add	*384.91*	
		For 1-3/4" Mesh Fabric, Add	*239.19*	
		For 2-1/8" Mesh Fabric, Deduct	*-119.60*	
		For 6' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*209.06*	
		For 6' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*257.52*	
32 31 13 13-0413	EA	7' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	721.91	75.67
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-92.77*	
		For Aluminized Steel Gate And Post, Add	*237.48*	
		For Powder Coated Gate And Post, Add	*128.64*	
		For 1" Mesh Fabric, Add	*215.22*	
		For 1-1/4" Mesh Fabric, Add	*138.53*	
		For 1-3/4" Mesh Fabric, Add	*86.09*	
		For 2-1/8" Mesh Fabric, Deduct	*-43.04*	
		For 7' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*116.23*	
		For 7' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*168.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0414	EA	8' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	814.78	87.63
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-103.46*	
		For Aluminized Steel Gate And Post, Add	*264.84*	
		For Powder Coated Gate And Post, Add	*143.46*	
		For 1" Mesh Fabric, Add	*240.02*	
		For 1-1/4" Mesh Fabric, Add	*154.49*	
		For 1-3/4" Mesh Fabric, Add	*96.01*	
		For 2-1/8" Mesh Fabric, Deduct	*-48.00*	
		For 8' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*126.46*	
		For 8' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*182.85*	
32 31 13 13-0415	EA	9' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	908.85	99.94
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-114.15*	
		For Aluminized Steel Gate And Post, Add	*292.21*	
		For Powder Coated Gate And Post, Add	*158.28*	
		For 1" Mesh Fabric, Add	*264.82*	
		For 1-1/4" Mesh Fabric, Add	*170.46*	
		For 1-3/4" Mesh Fabric, Add	*105.93*	
		For 2-1/8" Mesh Fabric, Deduct	*-52.96*	
		For 9' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*136.70*	
		For 9' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*197.06*	
32 31 13 13-0416	EA	10' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	1,002.95	112.25
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-124.84*	
		For Aluminized Steel Gate And Post, Add	*319.58*	
		For Powder Coated Gate And Post, Add	*173.11*	
		For 1" Mesh Fabric, Add	*289.62*	
		For 1-1/4" Mesh Fabric, Add	*186.42*	
		For 1-3/4" Mesh Fabric, Add	*115.85*	
		For 2-1/8" Mesh Fabric, Deduct	*-57.92*	
		For 10' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*146.94*	
		For 10' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*211.24*	
32 31 13 13-0417	EA	10' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,328.50	133.54
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-173.93*	
		For Aluminized Steel Gate And Post, Add	*445.26*	
		For Powder Coated Gate And Post, Add	*241.18*	
		For 1" Mesh Fabric, Add	*403.52*	
		For 1-1/4" Mesh Fabric, Add	*259.74*	
		For 1-3/4" Mesh Fabric, Add	*161.41*	
		For 2-1/8" Mesh Fabric, Deduct	*-80.70*	
		For 10' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*209.81*	
		For 10' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*298.82*	
32 31 13 13-0418	EA	12' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,450.98	143.76
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-191.16*	
		For Aluminized Steel Gate And Post, Add	*489.37*	
		For Powder Coated Gate And Post, Add	*265.08*	
		For 1" Mesh Fabric, Add	*443.49*	
		For 1-1/4" Mesh Fabric, Add	*285.47*	
		For 1-3/4" Mesh Fabric, Add	*177.40*	
		For 2-1/8" Mesh Fabric, Deduct	*-88.70*	
		For 12' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*227.86*	
		For 12' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*324.78*	
32 31 13 13-0419	EA	14' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,636.32	155.70
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-219.12*	
		For Aluminized Steel Gate And Post, Add	*560.95*	
		For Powder Coated Gate And Post, Add	*303.85*	
		For 1" Mesh Fabric, Add	*508.36*	
		For 1-1/4" Mesh Fabric, Add	*327.22*	
		For 1-3/4" Mesh Fabric, Add	*203.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-101.67*	
		For 14' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*252.18*	
		For 14' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*357.02*	
32 31 13 13-0420	EA	16' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,845.17	169.76
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-250.33*	
		For Aluminized Steel Gate And Post, Add	*640.84*	
		For Powder Coated Gate And Post, Add	*347.12*	
		For 1" Mesh Fabric, Add	*580.76*	
		For 1-1/4" Mesh Fabric, Add	*373.83*	
		For 1-3/4" Mesh Fabric, Add	*232.31*	
		For 2-1/8" Mesh Fabric, Deduct	*-116.15*	
		For 16' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*278.42*	
		For 16' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*391.18*	
32 31 13 13-0421	EA	18' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	5,276.30	186.94
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-884.13*	
		For Aluminized Steel Gate And Post, Add	*2,263.38*	
		For Powder Coated Gate And Post, Add	*1,226.00*	
		For 1" Mesh Fabric, Add	*2,051.19*	
		For 1-1/4" Mesh Fabric, Add	*1,320.30*	
		For 1-3/4" Mesh Fabric, Add	*820.47*	
		For 2-1/8" Mesh Fabric, Deduct	*-410.24*	
		For 18' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*658.16*	
		For 18' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*778.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0422	EA	20' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	5,866.60	207.55
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-983.16*	
		For Aluminized Steel Gate And Post, Add	*2,516.90*	
		For Powder Coated Gate And Post, Add	*1,363.32*	
		For 1" Mesh Fabric, Add	*2,280.94*	
		For 1-1/4" Mesh Fabric, Add	*1,468.19*	
		For 1-3/4" Mesh Fabric, Add	*912.38*	
		For 2-1/8" Mesh Fabric, Deduct	*-456.19*	
		For 20' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*724.19*	
		For 20' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*852.81*	
32 31 13 13-0423	EA	22' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	6,467.77	233.54
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,081.17*	
		For Aluminized Steel Gate And Post, Add	*2,767.80*	
		For Powder Coated Gate And Post, Add	*1,499.23*	
		For 1" Mesh Fabric, Add	*2,508.32*	
		For 1-1/4" Mesh Fabric, Add	*1,614.55*	
		For 1-3/4" Mesh Fabric, Add	*1,003.33*	
		For 2-1/8" Mesh Fabric, Deduct	*-501.66*	
		For 22' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*823.68*	
		For 22' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*984.92*	
32 31 13 13-0424	EA	24' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	7,095.65	266.78
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,180.20*	
		For Aluminized Steel Gate And Post, Add	*3,021.32*	
		For Powder Coated Gate And Post, Add	*1,636.55*	
		For 1" Mesh Fabric, Add	*2,738.07*	
		For 1-1/4" Mesh Fabric, Add	*1,762.44*	
		For 1-3/4" Mesh Fabric, Add	*1,095.23*	
		For 2-1/8" Mesh Fabric, Deduct	*-547.61*	
		For 24' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*889.71*	
		For 24' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*1,058.87*	
32 31 13 13-0425	EA	26' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	7,747.06	311.53
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,277.19*	
		For Aluminized Steel Gate And Post, Add	*3,269.62*	
		For Powder Coated Gate And Post, Add	*1,771.04*	
		For 1" Mesh Fabric, Add	*2,963.09*	
		For 1-1/4" Mesh Fabric, Add	*1,907.28*	
		For 1-3/4" Mesh Fabric, Add	*1,185.24*	
		For 2-1/8" Mesh Fabric, Deduct	*-592.62*	
		For 26' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*954.54*	
		For 26' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*1,131.61*	
32 31 13 13-0426	EA	28' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	8,455.85	373.47
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,375.20*	
		For Aluminized Steel Gate And Post, Add	*3,520.52*	
		For Powder Coated Gate And Post, Add	*1,906.95*	
		For 1" Mesh Fabric, Add	*3,190.47*	
		For 1-1/4" Mesh Fabric, Add	*2,053.64*	
		For 1-3/4" Mesh Fabric, Add	*1,276.19*	
		For 2-1/8" Mesh Fabric, Deduct	*-638.09*	
		For 28' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*1,019.96*	
		For 28' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*1,204.96*	
32 31 13 13-0427	EA	30' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	9,265.61	467.22
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,474.23*	
		For Aluminized Steel Gate And Post, Add	*3,774.04*	
		For Powder Coated Gate And Post, Add	*2,044.27*	
		For 1" Mesh Fabric, Add	*3,420.22*	
		For 1-1/4" Mesh Fabric, Add	*2,201.52*	
		For 1-3/4" Mesh Fabric, Add	*1,368.09*	
		For 2-1/8" Mesh Fabric, Deduct	*-684.04*	
		For 30' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*1,085.97*	
		For 30' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*1,278.90*	

32 31 13 13-0428 Vinyl Coated Without Barb Wire Arm *(32 31 13 13-0286)*

Note: Industrial swing gate. Includes posts (3" diameter posts for up to 6' wide gate, 4" diameter to 13' wide, 6-5/8" diameter for 18' wide, 8-5/8" diameter for over 18' wide), 2" diameter schedule pipe frame, offset hinges, cap and hardware (drop rod, center locking device, gate keeper, catch bolt and tension bands). Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.

32 31 13 13-0429 4' Fence Height *(32 31 13 13-0428)*

32 31 13 13-0430	EA	3' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	205.36	29.89
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-21.69*	
		For 1" Mesh Fabric, Add	*50.33*	
		For 1-1/4" Mesh Fabric, Add	*32.40*	
		For 1-3/4" Mesh Fabric, Add	*20.13*	
		For 2-1/8" Mesh Fabric, Deduct	*-10.07*	
		For 3' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*58.70*	
		For 3' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*95.27*	
32 31 13 13-0431	EA	4' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	243.92	29.89
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-28.92*	
		For 1" Mesh Fabric, Add	*67.10*	
		For 1-1/4" Mesh Fabric, Add	*43.19*	
		For 1-3/4" Mesh Fabric, Add	*26.84*	
		For 2-1/8" Mesh Fabric, Deduct	*-13.42*	
		For 4' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*66.90*	
		For 4' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*107.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0432	EA	5' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	282.05	31.80
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-34.95*	
		For 1" Mesh Fabric, Add	*81.09*	
		For 1-1/4" Mesh Fabric, Add	*52.19*	
		For 1-3/4" Mesh Fabric, Add	*32.44*	
		For 2-1/8" Mesh Fabric, Deduct	*-16.22*	
		For 5' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*74.40*	
		For 5' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*118.05*	
32 31 13 13-0433	EA	6' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	333.31	38.25
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-40.98*	
		For 1" Mesh Fabric, Add	*95.06*	
		For 1-1/4" Mesh Fabric, Add	*61.19*	
		For 1-3/4" Mesh Fabric, Add	*38.03*	
		For 2-1/8" Mesh Fabric, Deduct	*-19.01*	
		For 6' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*81.89*	
		For 6' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*130.35*	
32 31 13 13-0434	EA	7' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	384.58	44.59
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-47.00*	
		For 1" Mesh Fabric, Add	*109.05*	
		For 1-1/4" Mesh Fabric, Add	*70.19*	
		For 1-3/4" Mesh Fabric, Add	*43.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-21.81*	
		For 7' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*89.38*	
		For 7' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*141.81*	
32 31 13 13-0435	EA	8' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	435.84	50.93
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-53.03*	
		For 1" Mesh Fabric, Add	*123.03*	
		For 1-1/4" Mesh Fabric, Add	*79.19*	
		For 1-3/4" Mesh Fabric, Add	*49.21*	
		For 2-1/8" Mesh Fabric, Deduct	*-24.61*	
		For 8' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*96.88*	
		For 8' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*153.27*	
32 31 13 13-0436	EA	9' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	487.12	57.38
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-59.06*	
		For 1" Mesh Fabric, Add	*137.01*	
		For 1-1/4" Mesh Fabric, Add	*88.19*	
		For 1-3/4" Mesh Fabric, Add	*54.80*	
		For 2-1/8" Mesh Fabric, Deduct	*-27.40*	
		For 9' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*104.38*	
		For 9' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*164.74*	
32 31 13 13-0437	EA	10' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	538.37	63.72
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-65.08*	
		For 1" Mesh Fabric, Add	*150.98*	
		For 1-1/4" Mesh Fabric, Add	*97.19*	
		For 1-3/4" Mesh Fabric, Add	*60.39*	
		For 2-1/8" Mesh Fabric, Deduct	*-30.20*	
		For 10' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*111.88*	
		For 10' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*176.18*	
32 31 13 13-0438	EA	10' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	654.08	63.72
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-86.78*	
		For 1" Mesh Fabric, Add	*201.32*	
		For 1-1/4" Mesh Fabric, Add	*129.58*	
		For 1-3/4" Mesh Fabric, Add	*80.53*	
		For 2-1/8" Mesh Fabric, Deduct	*-40.26*	
		For 10' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*158.68*	
		For 10' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*247.69*	
32 31 13 13-0439	EA	12' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	760.29	68.27
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-104.13*	
		For 1" Mesh Fabric, Add	*241.58*	
		For 1-1/4" Mesh Fabric, Add	*155.50*	
		For 1-3/4" Mesh Fabric, Add	*96.63*	
		For 2-1/8" Mesh Fabric, Deduct	*-48.32*	
		For 12' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*176.80*	
		For 12' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*273.72*	
32 31 13 13-0440	EA	14' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	868.62	73.52
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-121.48*	
		For 1" Mesh Fabric, Add	*281.84*	
		For 1-1/4" Mesh Fabric, Add	*181.41*	
		For 1-3/4" Mesh Fabric, Add	*112.74*	
		For 2-1/8" Mesh Fabric, Deduct	*-56.37*	
		For 14' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*194.90*	
		For 14' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*299.74*	
32 31 13 13-0441	EA	16' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	979.57	79.62
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-138.84*	
		For 1" Mesh Fabric, Add	*322.10*	
		For 1-1/4" Mesh Fabric, Add	*207.33*	
		For 1-3/4" Mesh Fabric, Add	*128.84*	
		For 2-1/8" Mesh Fabric, Deduct	*-64.42*	
		For 16' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*213.01*	
		For 16' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*325.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0442	EA	18' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,136.09	100.86
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-156.19*	
		For 1" Mesh Fabric, Add	*362.37*	
		For 1-1/4" Mesh Fabric, Add	*233.25*	
		For 1-3/4" Mesh Fabric, Add	*144.95*	
		For 2-1/8" Mesh Fabric, Deduct	*-72.47*	
		For 18' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*231.10*	
		For 18' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*351.80*	
32 31 13 13-0443	EA	20' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,250.29	108.11
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-173.55*	
		For 1" Mesh Fabric, Add	*402.63*	
		For 1-1/4" Mesh Fabric, Add	*259.17*	
		For 1-3/4" Mesh Fabric, Add	*161.05*	
		For 2-1/8" Mesh Fabric, Deduct	*-80.53*	
		For 20' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*249.21*	
		For 20' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*377.83*	
32 31 13 13-0444	EA	22' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,367.83	116.48
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-190.90*	
		For 1" Mesh Fabric, Add	*442.90*	
		For 1-1/4" Mesh Fabric, Add	*285.08*	
		For 1-3/4" Mesh Fabric, Add	*177.16*	
		For 2-1/8" Mesh Fabric, Deduct	*-88.58*	
		For 22' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*301.39*	
		For 22' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*462.63*	
32 31 13 13-0445	EA	24' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,489.53	126.15
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-208.26*	
		For 1" Mesh Fabric, Add	*483.16*	
		For 1-1/4" Mesh Fabric, Add	*311.00*	
		For 1-3/4" Mesh Fabric, Add	*193.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-96.63*	
		For 24' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*319.50*	
		For 24' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*488.66*	
32 31 13 13-0446	EA	26' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,616.52	137.65
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-225.61*	
		For 1" Mesh Fabric, Add	*523.42*	
		For 1-1/4" Mesh Fabric, Add	*336.92*	
		For 1-3/4" Mesh Fabric, Add	*209.37*	
		For 2-1/8" Mesh Fabric, Deduct	*-104.68*	
		For 26' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*337.61*	
		For 26' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*514.68*	
32 31 13 13-0447	EA	28' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,750.42	151.43
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-242.97*	
		For 1" Mesh Fabric, Add	*563.69*	
		For 1-1/4" Mesh Fabric, Add	*362.83*	
		For 1-3/4" Mesh Fabric, Add	*225.47*	
		For 2-1/8" Mesh Fabric, Deduct	*-112.74*	
		For 28' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*355.71*	
		For 28' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*540.71*	
32 31 13 13-0448	EA	30' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,893.48	168.19
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-260.32*	
		For 1" Mesh Fabric, Add	*603.95*	
		For 1-1/4" Mesh Fabric, Add	*388.75*	
		For 1-3/4" Mesh Fabric, Add	*241.58*	
		For 2-1/8" Mesh Fabric, Deduct	*-120.79*	
		For 30' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*373.81*	
		For 30' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*566.74*	

32 31 13 13-0449 5' Fence Height *(32 31 13 13-0428)*

32 31 13 13-0450	EA	3' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	239.01	31.80
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-26.88*	
		For 1" Mesh Fabric, Add	*62.37*	
		For 1-1/4" Mesh Fabric, Add	*40.14*	
		For 1-3/4" Mesh Fabric, Add	*24.95*	
		For 2-1/8" Mesh Fabric, Deduct	*-12.47*	
		For 3' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*61.74*	
		For 3' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*98.31*	
32 31 13 13-0451	EA	4' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	286.80	31.80
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-35.84*	
		For 1" Mesh Fabric, Add	*83.15*	
		For 1-1/4" Mesh Fabric, Add	*53.52*	
		For 1-3/4" Mesh Fabric, Add	*33.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-16.63*	
		For 4' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*70.96*	
		For 4' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*111.49*	
32 31 13 13-0452	EA	5' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	328.62	33.84
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-42.56*	
		For 1" Mesh Fabric, Add	*98.75*	
		For 1-1/4" Mesh Fabric, Add	*63.56*	
		For 1-3/4" Mesh Fabric, Add	*39.50*	
		For 2-1/8" Mesh Fabric, Deduct	*-19.75*	
		For 5' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*78.86*	
		For 5' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*122.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0453	EA	6' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	384.78	40.64
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-49.28*	
		For 1" Mesh Fabric, Add	*114.34*	
		For 1-1/4" Mesh Fabric, Add	*73.60*	
		For 1-3/4" Mesh Fabric, Add	*45.73*	
		For 2-1/8" Mesh Fabric, Deduct	*-22.87*	
		For 6' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*86.76*	
		For 6' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*135.22*	
32 31 13 13-0454	EA	7' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	440.96	47.35
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-56.00*	
		For 1" Mesh Fabric, Add	*129.93*	
		For 1-1/4" Mesh Fabric, Add	*83.63*	
		For 1-3/4" Mesh Fabric, Add	*51.97*	
		For 2-1/8" Mesh Fabric, Deduct	*-25.99*	
		For 7' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*94.67*	
		For 7' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*147.10*	
32 31 13 13-0455	EA	8' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	498.31	54.52
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-62.72*	
		For 1" Mesh Fabric, Add	*145.52*	
		For 1-1/4" Mesh Fabric, Add	*93.67*	
		For 1-3/4" Mesh Fabric, Add	*58.21*	
		For 2-1/8" Mesh Fabric, Deduct	*-29.10*	
		For 8' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*102.57*	
		For 8' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*158.96*	
32 31 13 13-0456	EA	9 Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	554.47	61.33
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-69.44*	
		For 1" Mesh Fabric, Add	*161.11*	
		For 1-1/4" Mesh Fabric, Add	*103.70*	
		For 1-3/4" Mesh Fabric, Add	*64.44*	
		For 2-1/8" Mesh Fabric, Deduct	*-32.22*	
32 31 13 13-0457	EA	10' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	610.63	68.03
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-76.16*	
		For 1" Mesh Fabric, Add	*176.70*	
		For 1-1/4" Mesh Fabric, Add	*113.74*	
		For 1-3/4" Mesh Fabric, Add	*70.68*	
		For 2-1/8" Mesh Fabric, Deduct	*-35.34*	
		For 10' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*118.38*	
		For 10' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*182.68*	
32 31 13 13-0458	EA	10' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	778.41	68.27
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-107.53*	
		For 1" Mesh Fabric, Add	*249.46*	
		For 1-1/4" Mesh Fabric, Add	*160.57*	
		For 1-3/4" Mesh Fabric, Add	*99.78*	
		For 2-1/8" Mesh Fabric, Deduct	*-49.89*	
		For 10' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*170.85*	
		For 10' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*259.86*	
32 31 13 13-0459	EA	12' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	908.87	73.52
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-129.03*	
		For 1" Mesh Fabric, Add	*299.35*	
		For 1-1/4" Mesh Fabric, Add	*192.68*	
		For 1-3/4" Mesh Fabric, Add	*119.74*	
		For 2-1/8" Mesh Fabric, Deduct	*-59.87*	
		For 12' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*191.41*	
		For 12' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*288.33*	
32 31 13 13-0460	EA	14' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,041.95	79.62
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-150.53*	
		For 1" Mesh Fabric, Add	*349.24*	
		For 1-1/4" Mesh Fabric, Add	*224.80*	
		For 1-3/4" Mesh Fabric, Add	*139.70*	
		For 2-1/8" Mesh Fabric, Deduct	*-69.85*	
		For 14' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*211.94*	
		For 14' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*316.78*	
32 31 13 13-0461	EA	16' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,220.60	100.86
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-172.04*	
		For 1" Mesh Fabric, Add	*399.13*	
		For 1-1/4" Mesh Fabric, Add	*256.91*	
		For 1-3/4" Mesh Fabric, Add	*159.65*	
		For 2-1/8" Mesh Fabric, Deduct	*-79.83*	
		For 16' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*232.49*	
		For 16' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*345.25*	
32 31 13 13-0462	EA	18 Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,356.94	108.11
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-193.55*	
		For 1" Mesh Fabric, Add	*449.02*	
		For 1-1/4" Mesh Fabric, Add	*289.03*	
		For 1-3/4" Mesh Fabric, Add	*179.61*	
		For 2-1/8" Mesh Fabric, Deduct	*-89.80*	
32 31 13 13-0463	EA	20' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,496.61	116.48
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-215.05*	
		For 1" Mesh Fabric, Add	*498.91*	
		For 1-1/4" Mesh Fabric, Add	*321.14*	
		For 1-3/4" Mesh Fabric, Add	*199.57*	
		For 2-1/8" Mesh Fabric, Deduct	*-99.78*	
		For 20' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*273.56*	
		For 20' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*402.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0464	EA	22' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,640.44	126.15
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-236.55*	
		For 1" Mesh Fabric, Add	*548.80*	
		For 1-1/4" Mesh Fabric, Add	*353.25*	
		For 1-3/4" Mesh Fabric, Add	*219.52*	
		For 2-1/8" Mesh Fabric, Deduct	*-109.76*	
		For 22' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*328.17*	
		For 22' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*489.41*	
32 31 13 13-0465	EA	24' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,789.57	137.65
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-258.06*	
		For 1" Mesh Fabric, Add	*598.70*	
		For 1-1/4" Mesh Fabric, Add	*385.37*	
		For 1-3/4" Mesh Fabric, Add	*239.48*	
		For 2-1/8" Mesh Fabric, Deduct	*-119.74*	
		For 24' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*348.72*	
		For 24' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*517.88*	
32 31 13 13-0466	EA	26' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,945.60	151.43
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-279.56*	
		For 1" Mesh Fabric, Add	*648.59*	
		For 1-1/4" Mesh Fabric, Add	*417.48*	
		For 1-3/4" Mesh Fabric, Add	*259.44*	
		For 2-1/8" Mesh Fabric, Deduct	*-129.72*	
		For 26' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*369.26*	
		For 26' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*546.33*	
32 31 13 13-0467	EA	28' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,110.79	168.19
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-301.07*	
		For 1" Mesh Fabric, Add	*698.48*	
		For 1-1/4" Mesh Fabric, Add	*449.60*	
		For 1-3/4" Mesh Fabric, Add	*279.39*	
		For 2-1/8" Mesh Fabric, Deduct	*-139.70*	
		For 28' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*389.80*	
		For 28' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*574.80*	
32 31 13 13-0468	EA	30' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,288.63	189.22
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-322.58*	
		For 1" Mesh Fabric, Add	*748.37*	
		For 1-1/4" Mesh Fabric, Add	*481.71*	
		For 1-3/4" Mesh Fabric, Add	*299.35*	
		For 2-1/8" Mesh Fabric, Deduct	*-149.67*	
		For 30' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*410.33*	
		For 30' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*603.26*	

32 31 13 13-0469 6' Fence Height *(32 31 13 13-0428)*

32 31 13 13-0470	EA	3' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	255.69	34.08
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-28.73*	
		For 1" Mesh Fabric, Add	*66.65*	
		For 1-1/4" Mesh Fabric, Add	*42.90*	
		For 1-3/4" Mesh Fabric, Add	*26.66*	
		For 2-1/8" Mesh Fabric, Deduct	*-13.33*	
		For 3' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*62.82*	
		For 3' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*99.39*	
32 31 13 13-0471	EA	4' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	306.76	34.08
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-38.30*	
		For 1" Mesh Fabric, Add	*88.87*	
		For 1-1/4" Mesh Fabric, Add	*57.20*	
		For 1-3/4" Mesh Fabric, Add	*35.55*	
		For 2-1/8" Mesh Fabric, Deduct	*-17.77*	
		For 4' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*72.40*	
		For 4' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*112.93*	
32 31 13 13-0472	EA	5' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	351.39	36.23
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-45.49*	
		For 1" Mesh Fabric, Add	*105.53*	
		For 1-1/4" Mesh Fabric, Add	*67.93*	
		For 1-3/4" Mesh Fabric, Add	*42.21*	
		For 2-1/8" Mesh Fabric, Deduct	*-21.11*	
		For 5' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*80.58*	
		For 5' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*124.23*	
32 31 13 13-0473	EA	6' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	412.40	43.75
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-52.67*	
		For 1" Mesh Fabric, Add	*122.19*	
		For 1-1/4" Mesh Fabric, Add	*78.65*	
		For 1-3/4" Mesh Fabric, Add	*48.88*	
		For 2-1/8" Mesh Fabric, Deduct	*-24.44*	
		For 6' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*88.75*	
		For 6' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*137.21*	
32 31 13 13-0474	EA	7' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	473.43	51.41
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-59.85*	
		For 1" Mesh Fabric, Add	*138.86*	
		For 1-1/4" Mesh Fabric, Add	*89.38*	
		For 1-3/4" Mesh Fabric, Add	*55.54*	
		For 2-1/8" Mesh Fabric, Deduct	*-27.77*	
		For 7' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*96.92*	
		For 7' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*149.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0475	EA	8' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	533.24	58.58
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-67.03*	
		For 1" Mesh Fabric, Add	*155.52*	
		For 1-1/4" Mesh Fabric, Add	*100.10*	
		For 1-3/4" Mesh Fabric, Add	*62.21*	
		For 2-1/8" Mesh Fabric, Deduct	*-31.10*	
		For 8' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*105.10*	
		For 8' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*161.49*	
32 31 13 13-0476	EA	9' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	594.28	66.11
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-74.22*	
		For 1" Mesh Fabric, Add	*172.18*	
		For 1-1/4" Mesh Fabric, Add	*110.83*	
		For 1-3/4" Mesh Fabric, Add	*68.87*	
		For 2-1/8" Mesh Fabric, Deduct	*-34.44*	
		For 9' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*113.27*	
		For 9' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*173.63*	
32 31 13 13-0477	EA	10' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	655.30	73.64
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-81.40*	
		For 1" Mesh Fabric, Add	*188.84*	
		For 1-1/4" Mesh Fabric, Add	*121.55*	
		For 1-3/4" Mesh Fabric, Add	*75.54*	
		For 2-1/8" Mesh Fabric, Deduct	*-37.77*	
		For 10' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*121.45*	
		For 10' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*185.75*	
32 31 13 13-0478	EA	10' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	833.58	73.52
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-114.91*	
		For 1" Mesh Fabric, Add	*266.60*	
		For 1-1/4" Mesh Fabric, Add	*171.60*	
		For 1-3/4" Mesh Fabric, Add	*106.64*	
		For 2-1/8" Mesh Fabric, Deduct	*-53.32*	
		For 10' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*175.19*	
		For 10' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*264.20*	
32 31 13 13-0479	EA	12' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	974.54	79.62
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-137.90*	
		For 1" Mesh Fabric, Add	*319.92*	
		For 1-1/4" Mesh Fabric, Add	*205.92*	
		For 1-3/4" Mesh Fabric, Add	*127.97*	
		For 2-1/8" Mesh Fabric, Deduct	*-63.98*	
		For 12' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*196.61*	
		For 12' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*293.53*	
32 31 13 13-0480	EA	14' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,182.72	108.11
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-160.88*	
		For 1" Mesh Fabric, Add	*373.24*	
		For 1-1/4" Mesh Fabric, Add	*240.25*	
		For 1-3/4" Mesh Fabric, Add	*149.30*	
		For 2-1/8" Mesh Fabric, Deduct	*-74.65*	
		For 14' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*218.01*	
		For 14' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*322.85*	
32 31 13 13-0481	EA	16' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,330.27	116.48
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-183.86*	
		For 1" Mesh Fabric, Add	*426.56*	
		For 1-1/4" Mesh Fabric, Add	*274.57*	
		For 1-3/4" Mesh Fabric, Add	*170.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-85.31*	
		For 16' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*239.42*	
		For 16' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*352.18*	
32 31 13 13-0482	EA	18' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,481.99	126.15
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-206.84*	
		For 1" Mesh Fabric, Add	*479.88*	
		For 1-1/4" Mesh Fabric, Add	*308.89*	
		For 1-3/4" Mesh Fabric, Add	*191.95*	
		For 2-1/8" Mesh Fabric, Deduct	*-95.98*	
		For 18' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*260.82*	
		For 18' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*381.52*	
32 31 13 13-0483	EA	20' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,661.64	137.65
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-234.07*	
		For 1" Mesh Fabric, Add	*543.05*	
		For 1-1/4" Mesh Fabric, Add	*349.55*	
		For 1-3/4" Mesh Fabric, Add	*217.22*	
		For 2-1/8" Mesh Fabric, Deduct	*-108.61*	
		For 20' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*284.72*	
		For 20' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*413.34*	
32 31 13 13-0484	EA	22' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,807.02	151.43
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-253.58*	
		For 1" Mesh Fabric, Add	*588.31*	
		For 1-1/4" Mesh Fabric, Add	*378.68*	
		For 1-3/4" Mesh Fabric, Add	*235.32*	
		For 2-1/8" Mesh Fabric, Deduct	*-117.66*	
		For 22' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*338.16*	
		For 22' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*499.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0485	EA	24' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,975.98	168.19
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-275.79*	
		For 1" Mesh Fabric, Add	*639.84*	
		For 1-1/4" Mesh Fabric, Add	*411.85*	
		For 1-3/4" Mesh Fabric, Add	*255.93*	
		For 2-1/8" Mesh Fabric, Deduct	*-127.97*	
		For 24' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*359.12*	
		For 24' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*528.28*	
32 31 13 13-0486	EA	26' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,161.69	189.22
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-298.77*	
		For 1" Mesh Fabric, Add	*693.16*	
		For 1-1/4" Mesh Fabric, Add	*446.17*	
		For 1-3/4" Mesh Fabric, Add	*277.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-138.63*	
		For 26' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*380.53*	
		For 26' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*557.60*	
32 31 13 13-0487	EA	28' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,365.45	216.21
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-321.76*	
		For 1" Mesh Fabric, Add	*746.48*	
		For 1-1/4" Mesh Fabric, Add	*480.49*	
		For 1-3/4" Mesh Fabric, Add	*298.59*	
		For 2-1/8" Mesh Fabric, Deduct	*-149.30*	
		For 28' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*401.93*	
		For 28' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*586.93*	
32 31 13 13-0488	EA	30' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,596.24	252.29
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-344.74*	
		For 1" Mesh Fabric, Add	*799.80*	
		For 1-1/4" Mesh Fabric, Add	*514.81*	
		For 1-3/4" Mesh Fabric, Add	*319.92*	
		For 2-1/8" Mesh Fabric, Deduct	*-159.96*	
		For 30' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*423.34*	
		For 30' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*616.27*	

32 31 13 13-0489 7' Fence Height *(32 31 13 13-0428)*

32 31 13 13-0490	EA	3' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	271.28	36.70
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-30.17*	
		For 1" Mesh Fabric, Add	*70.00*	
		For 1-1/4" Mesh Fabric, Add	*45.06*	
		For 1-3/4" Mesh Fabric, Add	*28.00*	
		For 2-1/8" Mesh Fabric, Deduct	*-14.00*	
		For 3' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*63.67*	
		For 3' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*100.24*	
32 31 13 13-0491	EA	4' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	324.93	36.70
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-40.23*	
		For 1" Mesh Fabric, Add	*93.34*	
		For 1-1/4" Mesh Fabric, Add	*60.08*	
		For 1-3/4" Mesh Fabric, Add	*37.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-18.67*	
		For 4' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*73.53*	
		For 4' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*114.06*	
32 31 13 13-0492	EA	5' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	370.78	38.62
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-47.78*	
		For 1" Mesh Fabric, Add	*110.85*	
		For 1-1/4" Mesh Fabric, Add	*71.35*	
		For 1-3/4" Mesh Fabric, Add	*44.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-22.17*	
		For 5' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*81.92*	
		For 5' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*125.57*	
32 31 13 13-0493	EA	6' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	436.12	46.98
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-55.32*	
		For 1" Mesh Fabric, Add	*128.35*	
		For 1-1/4" Mesh Fabric, Add	*82.61*	
		For 1-3/4" Mesh Fabric, Add	*51.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-25.67*	
		For 6' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*90.31*	
		For 6' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*138.77*	
32 31 13 13-0494	EA	7' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	500.26	54.99
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-62.87*	
		For 1" Mesh Fabric, Add	*145.85*	
		For 1-1/4" Mesh Fabric, Add	*93.88*	
		For 1-3/4" Mesh Fabric, Add	*58.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-29.17*	
		For 7' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*98.69*	
		For 7' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*151.12*	
32 31 13 13-0495	EA	8' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	565.61	63.25
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-70.41*	
		For 1" Mesh Fabric, Add	*163.36*	
		For 1-1/4" Mesh Fabric, Add	*105.15*	
		For 1-3/4" Mesh Fabric, Add	*65.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-32.67*	
		For 8' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*107.08*	
		For 8' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*163.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0496	EA	9' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	629.75	71.25
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-77.96*	
		For 1" Mesh Fabric, Add	*180.86*	
		For 1-1/4" Mesh Fabric, Add	*116.41*	
		For 1-3/4" Mesh Fabric, Add	*72.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-36.17*	
		For 9' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*115.46*	
		For 9' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*175.82*	
32 31 13 13-0497	EA	10' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	695.10	79.62
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-85.50*	
		For 1" Mesh Fabric, Add	*198.36*	
		For 1-1/4" Mesh Fabric, Add	*127.68*	
		For 1-3/4" Mesh Fabric, Add	*79.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-39.67*	
		For 10' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*123.86*	
		For 10' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*188.16*	
32 31 13 13-0498	EA	10' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	882.85	79.62
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-120.70*	
		For 1" Mesh Fabric, Add	*280.03*	
		For 1-1/4" Mesh Fabric, Add	*180.25*	
		For 1-3/4" Mesh Fabric, Add	*112.01*	
		For 2-1/8" Mesh Fabric, Deduct	*-56.01*	
		For 10' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*178.58*	
		For 10' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*267.59*	
32 31 13 13-0499	EA	12' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,097.18	108.11
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-144.84*	
		For 1" Mesh Fabric, Add	*336.03*	
		For 1-1/4" Mesh Fabric, Add	*216.29*	
		For 1-3/4" Mesh Fabric, Add	*134.41*	
		For 2-1/8" Mesh Fabric, Deduct	*-67.21*	
		For 12' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*200.68*	
		For 12' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*297.60*	
32 31 13 13-0500	EA	14' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,250.92	116.48
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-168.98*	
		For 1" Mesh Fabric, Add	*392.04*	
		For 1-1/4" Mesh Fabric, Add	*252.35*	
		For 1-3/4" Mesh Fabric, Add	*156.82*	
		For 2-1/8" Mesh Fabric, Deduct	*-78.41*	
		For 14' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*222.77*	
		For 14' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*327.61*	
32 31 13 13-0501	EA	16' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,408.79	126.15
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-193.12*	
		For 1" Mesh Fabric, Add	*448.04*	
		For 1-1/4" Mesh Fabric, Add	*288.39*	
		For 1-3/4" Mesh Fabric, Add	*179.21*	
		For 2-1/8" Mesh Fabric, Deduct	*-89.61*	
		For 16' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*244.86*	
		For 16' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*357.62*	
32 31 13 13-0502	EA	18' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,571.98	137.65
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-217.26*	
		For 1" Mesh Fabric, Add	*504.05*	
		For 1-1/4" Mesh Fabric, Add	*324.44*	
		For 1-3/4" Mesh Fabric, Add	*201.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-100.81*	
		For 18' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*266.93*	
		For 18' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*387.63*	
32 31 13 13-0503	EA	20' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,742.05	151.43
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-241.40*	
		For 1" Mesh Fabric, Add	*560.05*	
		For 1-1/4" Mesh Fabric, Add	*360.49*	
		For 1-3/4" Mesh Fabric, Add	*224.02*	
		For 2-1/8" Mesh Fabric, Deduct	*-112.01*	
		For 20' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*289.02*	
		For 20' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*417.64*	
32 31 13 13-0504	EA	22' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,921.28	168.19
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-265.54*	
		For 1" Mesh Fabric, Add	*616.04*	
		For 1-1/4" Mesh Fabric, Add	*396.53*	
		For 1-3/4" Mesh Fabric, Add	*246.42*	
		For 2-1/8" Mesh Fabric, Deduct	*-123.21*	
		For 22' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*345.17*	
		For 22' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*506.41*	
32 31 13 13-0505	EA	24' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,113.18	189.22
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-289.68*	
		For 1" Mesh Fabric, Add	*672.05*	
		For 1-1/4" Mesh Fabric, Add	*432.59*	
		For 1-3/4" Mesh Fabric, Add	*268.82*	
		For 2-1/8" Mesh Fabric, Deduct	*-134.41*	
		For 24' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*367.26*	
		For 24' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*536.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0506	EA	26' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,323.13	216.21
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-313.82*	
		For 1" Mesh Fabric, Add	*728.07*	
		For 1-1/4" Mesh Fabric, Add	*468.64*	
		For 1-3/4" Mesh Fabric, Add	*291.23*	
		For 2-1/8" Mesh Fabric, Deduct	*-145.61*	
		For 26' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*389.36*	
		For 26' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*566.43*	
32 31 13 13-0507	EA	28' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,560.08	252.29
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-337.96*	
		For 1" Mesh Fabric, Add	*784.07*	
		For 1-1/4" Mesh Fabric, Add	*504.69*	
		For 1-3/4" Mesh Fabric, Add	*313.63*	
		For 2-1/8" Mesh Fabric, Deduct	*-156.81*	
		For 28' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*411.44*	
		For 28' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*596.44*	
32 31 13 13-0508	EA	30' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,840.37	302.72
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-362.10*	
		For 1" Mesh Fabric, Add	*840.08*	
		For 1-1/4" Mesh Fabric, Add	*540.74*	
		For 1-3/4" Mesh Fabric, Add	*336.03*	
		For 2-1/8" Mesh Fabric, Deduct	*-168.02*	
		For 30' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*433.52*	
		For 30' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*626.45*	

32 31 13 13-0509 8' Fence Height *(32 31 13 13-0428)*

32 31 13 13-0510	EA	3' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	314.61	39.81
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-36.57*	
		For 1" Mesh Fabric, Add	*84.85*	
		For 1-1/4" Mesh Fabric, Add	*54.62*	
		For 1-3/4" Mesh Fabric, Add	*33.94*	
		For 2-1/8" Mesh Fabric, Deduct	*-16.97*	
		For 3' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*67.43*	
		For 3' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*104.00*	
32 31 13 13-0511	EA	4' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	379.63	39.81
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-48.77*	
		For 1" Mesh Fabric, Add	*113.13*	
		For 1-1/4" Mesh Fabric, Add	*72.82*	
		For 1-3/4" Mesh Fabric, Add	*45.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-22.63*	
		For 4' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*78.54*	
		For 4' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*119.07*	
32 31 13 13-0512	EA	5' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	422.98	39.81
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-56.89*	
		For 1" Mesh Fabric, Add	*131.99*	
		For 1-1/4" Mesh Fabric, Add	*84.96*	
		For 1-3/4" Mesh Fabric, Add	*52.80*	
		For 2-1/8" Mesh Fabric, Deduct	*-26.40*	
		For 5' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*87.27*	
		For 5' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*130.92*	
32 31 13 13-0513	EA	6' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	497.41	50.21
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-65.02*	
		For 1" Mesh Fabric, Add	*150.85*	
		For 1-1/4" Mesh Fabric, Add	*97.10*	
		For 1-3/4" Mesh Fabric, Add	*60.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-30.17*	
		For 6' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*96.00*	
		For 6' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*144.46*	
32 31 13 13-0514	EA	7' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	571.83	60.49
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-73.15*	
		For 1" Mesh Fabric, Add	*169.70*	
		For 1-1/4" Mesh Fabric, Add	*109.23*	
		For 1-3/4" Mesh Fabric, Add	*67.88*	
		For 2-1/8" Mesh Fabric, Deduct	*-33.94*	
		For 7' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*104.72*	
		For 7' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*157.15*	
32 31 13 13-0515	EA	8' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	645.07	70.42
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-81.28*	
		For 1" Mesh Fabric, Add	*188.56*	
		For 1-1/4" Mesh Fabric, Add	*121.37*	
		For 1-3/4" Mesh Fabric, Add	*75.42*	
		For 2-1/8" Mesh Fabric, Deduct	*-37.71*	
		For 8' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*113.45*	
		For 8' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*169.84*	
32 31 13 13-0516	EA	9' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	719.51	80.82
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-89.40*	
		For 1" Mesh Fabric, Add	*207.42*	
		For 1-1/4" Mesh Fabric, Add	*133.51*	
		For 1-3/4" Mesh Fabric, Add	*82.97*	
		For 2-1/8" Mesh Fabric, Deduct	*-41.48*	
		For 9' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*122.18*	
		For 9' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*182.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0517	EA	10' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	793.92	91.22
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-97.53*	
		For 1" Mesh Fabric, Add	*226.27*	
		For 1-1/4" Mesh Fabric, Add	*145.64*	
		For 1-3/4" Mesh Fabric, Add	*90.51*	
		For 2-1/8" Mesh Fabric, Deduct	*-45.25*	
		For 10' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*130.92*	
		For 10' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*195.22*	
32 31 13 13-0518	EA	10' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,104.94	108.11
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-146.30*	
		For 1" Mesh Fabric, Add	*339.40*	
		For 1-1/4" Mesh Fabric, Add	*218.47*	
		For 1-3/4" Mesh Fabric, Add	*135.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-67.88*	
		For 10' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*193.60*	
		For 10' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*282.61*	
32 31 13 13-0519	EA	12' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,285.96	116.48
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-175.55*	
		For 1" Mesh Fabric, Add	*407.28*	
		For 1-1/4" Mesh Fabric, Add	*262.16*	
		For 1-3/4" Mesh Fabric, Add	*162.91*	
		For 2-1/8" Mesh Fabric, Deduct	*-81.46*	
		For 12' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*218.70*	
		For 12' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*315.62*	
32 31 13 13-0520	EA	14' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,471.15	126.15
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-204.81*	
		For 1" Mesh Fabric, Add	*475.16*	
		For 1-1/4" Mesh Fabric, Add	*305.85*	
		For 1-3/4" Mesh Fabric, Add	*190.07*	
		For 2-1/8" Mesh Fabric, Deduct	*-95.03*	
		For 14' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*243.79*	
		For 14' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*348.63*	
32 31 13 13-0521	EA	16' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,661.63	137.65
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-234.07*	
		For 1" Mesh Fabric, Add	*543.05*	
		For 1-1/4" Mesh Fabric, Add	*349.55*	
		For 1-3/4" Mesh Fabric, Add	*217.22*	
		For 2-1/8" Mesh Fabric, Deduct	*-108.61*	
		For 16' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*268.88*	
		For 16' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*381.64*	
32 31 13 13-0522	EA	18' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,859.01	151.43
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-263.33*	
		For 1" Mesh Fabric, Add	*610.92*	
		For 1-1/4" Mesh Fabric, Add	*393.24*	
		For 1-3/4" Mesh Fabric, Add	*244.37*	
		For 2-1/8" Mesh Fabric, Deduct	*-122.18*	
		For 18' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*293.96*	
		For 18' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*414.66*	
32 31 13 13-0523	EA	20' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,065.56	168.19
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-292.59*	
		For 1" Mesh Fabric, Add	*678.80*	
		For 1-1/4" Mesh Fabric, Add	*436.93*	
		For 1-3/4" Mesh Fabric, Add	*271.52*	
		For 2-1/8" Mesh Fabric, Deduct	*-135.76*	
		For 20' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*319.05*	
		For 20' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*447.67*	
32 31 13 13-0524	EA	22' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,284.75	189.22
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-321.85*	
		For 1" Mesh Fabric, Add	*746.69*	
		For 1-1/4" Mesh Fabric, Add	*480.63*	
		For 1-3/4" Mesh Fabric, Add	*298.67*	
		For 2-1/8" Mesh Fabric, Deduct	*-149.34*	
		For 22' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*378.21*	
		For 22' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*539.45*	
32 31 13 13-0525	EA	24' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,521.98	216.21
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-351.11*	
		For 1" Mesh Fabric, Add	*814.57*	
		For 1-1/4" Mesh Fabric, Add	*524.32*	
		For 1-3/4" Mesh Fabric, Add	*325.83*	
		For 2-1/8" Mesh Fabric, Deduct	*-162.91*	
		For 24' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*403.30*	
		For 24' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*572.46*	
32 31 13 13-0526	EA	26' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,786.24	252.29
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-380.36*	
		For 1" Mesh Fabric, Add	*882.45*	
		For 1-1/4" Mesh Fabric, Add	*568.01*	
		For 1-3/4" Mesh Fabric, Add	*352.98*	
		For 2-1/8" Mesh Fabric, Deduct	*-176.49*	
		For 26' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*428.40*	
		For 26' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*605.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0527	EA	28' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,093.82	302.72
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-409.62*	
		For 1" Mesh Fabric, Add	*950.33*	
		For 1-1/4" Mesh Fabric, Add	*611.70*	
		For 1-3/4" Mesh Fabric, Add	*380.13*	
		For 2-1/8" Mesh Fabric, Deduct	*-190.07*	
		For 28' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*453.48*	
		For 28' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*638.48*	
32 31 13 13-0528	EA	30' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,477.16	378.44
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-438.88*	
		For 1" Mesh Fabric, Add	*1,018.21*	
		For 1-1/4" Mesh Fabric, Add	*655.40*	
		For 1-3/4" Mesh Fabric, Add	*407.28*	
		For 2-1/8" Mesh Fabric, Deduct	*-203.64*	
		For 30' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*478.57*	
		For 30' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*671.50*	
32 31 13 13-0529		**10' Fence Height** *(32 31 13 13-0428)*		
32 31 13 13-0530	EA	3' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	359.11	44.23
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-42.43*	
		For 1" Mesh Fabric, Add	*98.43*	
		For 1-1/4" Mesh Fabric, Add	*63.36*	
		For 1-3/4" Mesh Fabric, Add	*39.37*	
		For 2-1/8" Mesh Fabric, Deduct	*-19.69*	
		For 3' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*70.86*	
		For 3' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*107.43*	
32 31 13 13-0531	EA	4' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	434.53	44.23
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-56.57*	
		For 1" Mesh Fabric, Add	*131.24*	
		For 1-1/4" Mesh Fabric, Add	*84.48*	
		For 1-3/4" Mesh Fabric, Add	*52.50*	
		For 2-1/8" Mesh Fabric, Deduct	*-26.25*	
		For 4' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*83.12*	
		For 4' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*123.65*	
32 31 13 13-0532	EA	5' Wide x 10' High Gate Single Vinyl Coated Without Barbed Wire Arm	490.67	46.15
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-66.00*	
		For 1" Mesh Fabric, Add	*153.12*	
		For 1-1/4" Mesh Fabric, Add	*98.56*	
		For 1-3/4" Mesh Fabric, Add	*61.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-30.62*	
		For 5' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*92.61*	
		For 5' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*136.26*	
32 31 13 13-0533	EA	6' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	574.42	57.38
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-75.43*	
		For 1" Mesh Fabric, Add	*174.99*	
		For 1-1/4" Mesh Fabric, Add	*112.64*	
		For 1-3/4" Mesh Fabric, Add	*69.99*	
		For 2-1/8" Mesh Fabric, Deduct	*-35.00*	
		For 6' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*102.10*	
		For 6' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*150.56*	
32 31 13 13-0534	EA	7' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	656.99	68.03
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-84.86*	
		For 1" Mesh Fabric, Add	*196.86*	
		For 1-1/4" Mesh Fabric, Add	*126.72*	
		For 1-3/4" Mesh Fabric, Add	*78.75*	
		For 2-1/8" Mesh Fabric, Deduct	*-39.37*	
		For 7' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*111.59*	
		For 7' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*164.02*	
32 31 13 13-0535	EA	8' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	740.75	79.26
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-94.28*	
		For 1" Mesh Fabric, Add	*218.74*	
		For 1-1/4" Mesh Fabric, Add	*140.80*	
		For 1-3/4" Mesh Fabric, Add	*87.50*	
		For 2-1/8" Mesh Fabric, Deduct	*-43.75*	
		For 8' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*121.08*	
		For 8' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*177.47*	
32 31 13 13-0536	EA	9' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	823.31	90.03
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-103.71*	
		For 1" Mesh Fabric, Add	*240.62*	
		For 1-1/4" Mesh Fabric, Add	*154.88*	
		For 1-3/4" Mesh Fabric, Add	*96.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-48.12*	
		For 9' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*130.58*	
		For 9' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*190.94*	
32 31 13 13-0537	EA	10' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	907.08	101.14
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-113.14*	
		For 1" Mesh Fabric, Add	*262.49*	
		For 1-1/4" Mesh Fabric, Add	*168.96*	
		For 1-3/4" Mesh Fabric, Add	*105.00*	
		For 2-1/8" Mesh Fabric, Deduct	*-52.50*	
		For 10' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*140.08*	
		For 10' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*204.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0538	EA	10' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,265.89	120.18
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-169.71*	
		For 1" Mesh Fabric, Add	*393.72*	
		For 1-1/4" Mesh Fabric, Add	*253.43*	
		For 1-3/4" Mesh Fabric, Add	*157.49*	
		For 2-1/8" Mesh Fabric, Deduct	*-78.74*	
		For 10' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*207.33*	
		For 10' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*296.34*	
32 31 13 13-0539	EA	12' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,474.53	129.27
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-203.65*	
		For 1" Mesh Fabric, Add	*472.47*	
		For 1-1/4" Mesh Fabric, Add	*304.12*	
		For 1-3/4" Mesh Fabric, Add	*188.99*	
		For 2-1/8" Mesh Fabric, Deduct	*-94.49*	
		For 12' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*235.19*	
		For 12' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*332.11*	
32 31 13 13-0540	EA	14' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,688.06	140.21
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-237.59*	
		For 1" Mesh Fabric, Add	*551.21*	
		For 1-1/4" Mesh Fabric, Add	*354.80*	
		For 1-3/4" Mesh Fabric, Add	*220.49*	
		For 2-1/8" Mesh Fabric, Deduct	*-110.24*	
		For 14' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*263.02*	
		For 14' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*367.86*	
32 31 13 13-0541	EA	16' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,907.17	152.85
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-271.53*	
		For 1" Mesh Fabric, Add	*629.96*	
		For 1-1/4" Mesh Fabric, Add	*405.49*	
		For 1-3/4" Mesh Fabric, Add	*251.98*	
		For 2-1/8" Mesh Fabric, Deduct	*-125.99*	
		For 16' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*290.86*	
		For 16' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*403.62*	
32 31 13 13-0542	EA	18' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,134.29	168.19
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-305.48*	
		For 1" Mesh Fabric, Add	*708.70*	
		For 1-1/4" Mesh Fabric, Add	*456.18*	
		For 1-3/4" Mesh Fabric, Add	*283.48*	
		For 2-1/8" Mesh Fabric, Deduct	*-141.74*	
		For 18' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*318.68*	
		For 18' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*439.38*	
32 31 13 13-0543	EA	20' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,371.15	186.80
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-339.42*	
		For 1" Mesh Fabric, Add	*787.45*	
		For 1-1/4" Mesh Fabric, Add	*506.86*	
		For 1-3/4" Mesh Fabric, Add	*314.98*	
		For 2-1/8" Mesh Fabric, Deduct	*-157.49*	
		For 20' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*346.52*	
		For 20' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*475.14*	
32 31 13 13-0544	EA	22' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,622.62	210.25
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-373.36*	
		For 1" Mesh Fabric, Add	*866.19*	
		For 1-1/4" Mesh Fabric, Add	*557.55*	
		For 1-3/4" Mesh Fabric, Add	*346.48*	
		For 2-1/8" Mesh Fabric, Deduct	*-173.24*	
		For 22' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*408.43*	
		For 22' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*569.67*	
32 31 13 13-0545	EA	24 Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,893.37	240.07
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-407.30*	
		For 1" Mesh Fabric, Add	*944.94*	
		For 1-1/4" Mesh Fabric, Add	*608.24*	
		For 1-3/4" Mesh Fabric, Add	*377.97*	
		For 2-1/8" Mesh Fabric, Deduct	*-188.99*	
32 31 13 13-0546	EA	26' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,195.11	280.28
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-441.24*	
		For 1" Mesh Fabric, Add	*1,023.68*	
		For 1-1/4" Mesh Fabric, Add	*658.92*	
		For 1-3/4" Mesh Fabric, Add	*409.47*	
		For 2-1/8" Mesh Fabric, Deduct	*-204.74*	
		For 26' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*464.11*	
		For 26' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*641.18*	
32 31 13 13-0547	EA	28' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,543.59	336.11
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-475.18*	
		For 1" Mesh Fabric, Add	*1,102.42*	
		For 1-1/4" Mesh Fabric, Add	*709.61*	
		For 1-3/4" Mesh Fabric, Add	*440.97*	
		For 2-1/8" Mesh Fabric, Deduct	*-220.48*	
		For 28' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*491.94*	
		For 28' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*676.94*	
32 31 13 13-0548	EA	30' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,978.06	420.49
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-509.13*	
		For 1" Mesh Fabric, Add	*1,181.17*	
		For 1-1/4" Mesh Fabric, Add	*760.30*	
		For 1-3/4" Mesh Fabric, Add	*472.47*	
		For 2-1/8" Mesh Fabric, Deduct	*-236.23*	
		For 30' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*519.78*	
		For 30' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*712.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0549		12' Fence Height *(32 31 13 13-0428)*		
32 31 13 13-0550	EA	3' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	463.16	49.13
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-59.17*	
		For 1" Mesh Fabric, Add	*137.27*	
		For 1-1/4" Mesh Fabric, Add	*88.36*	
		For 1-3/4" Mesh Fabric, Add	*54.91*	
		For 2-1/8" Mesh Fabric, Deduct	*-27.45*	
		For 3' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*80.68*	
		For 3' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*117.25*	
32 31 13 13-0551	EA	4' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	568.06	49.13
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-78.84*	
		For 1" Mesh Fabric, Add	*182.90*	
		For 1-1/4" Mesh Fabric, Add	*117.73*	
		For 1-3/4" Mesh Fabric, Add	*73.16*	
		For 2-1/8" Mesh Fabric, Deduct	*-36.58*	
		For 4' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*96.18*	
		For 4' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*136.71*	
32 31 13 13-0552	EA	5' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	651.51	50.93
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-93.47*	
		For 1" Mesh Fabric, Add	*216.84*	
		For 1-1/4" Mesh Fabric, Add	*139.58*	
		For 1-3/4" Mesh Fabric, Add	*86.74*	
		For 2-1/8" Mesh Fabric, Deduct	*-43.37*	
		For 5' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*108.72*	
		For 5' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*152.37*	
32 31 13 13-0553	EA	6' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	753.59	63.25
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-105.66*	
		For 1" Mesh Fabric, Add	*245.13*	
		For 1-1/4" Mesh Fabric, Add	*157.78*	
		For 1-3/4" Mesh Fabric, Add	*98.05*	
		For 2-1/8" Mesh Fabric, Deduct	*-49.03*	
		For 6' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*119.84*	
		For 6' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*168.30*	
32 31 13 13-0554	EA	7' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	862.92	75.67
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-119.21*	
		For 1" Mesh Fabric, Add	*276.56*	
		For 1-1/4" Mesh Fabric, Add	*178.01*	
		For 1-3/4" Mesh Fabric, Add	*110.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-55.31*	
		For 7' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*131.74*	
		For 7' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*184.17*	
32 31 13 13-0555	EA	8' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	971.02	87.63
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-132.75*	
		For 1" Mesh Fabric, Add	*307.98*	
		For 1-1/4" Mesh Fabric, Add	*198.24*	
		For 1-3/4" Mesh Fabric, Add	*123.19*	
		For 2-1/8" Mesh Fabric, Deduct	*-61.60*	
		For 8' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*143.65*	
		For 8' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*200.04*	
32 31 13 13-0556	EA	9' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	1,080.32	99.94
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-146.30*	
		For 1" Mesh Fabric, Add	*339.41*	
		For 1-1/4" Mesh Fabric, Add	*218.47*	
		For 1-3/4" Mesh Fabric, Add	*135.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-67.88*	
		For 9' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*155.56*	
		For 9' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*215.92*	
32 31 13 13-0557	EA	10' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	1,182.42	112.25
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-158.49*	
		For 1" Mesh Fabric, Add	*367.69*	
		For 1-1/4" Mesh Fabric, Add	*236.68*	
		For 1-3/4" Mesh Fabric, Add	*147.08*	
		For 2-1/8" Mesh Fabric, Deduct	*-73.54*	
		For 10' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*166.68*	
		For 10' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*230.98*	
32 31 13 13-0558	EA	10' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,668.20	133.54
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-237.65*	
		For 1" Mesh Fabric, Add	*551.35*	
		For 1-1/4" Mesh Fabric, Add	*354.89*	
		For 1-3/4" Mesh Fabric, Add	*220.54*	
		For 2-1/8" Mesh Fabric, Deduct	*-110.27*	
		For 10' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*247.19*	
		For 10' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*336.20*	
32 31 13 13-0559	EA	12' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,993.69	143.76
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-292.92*	
		For 1" Mesh Fabric, Add	*679.57*	
		For 1-1/4" Mesh Fabric, Add	*437.42*	
		For 1-3/4" Mesh Fabric, Add	*271.83*	
		For 2-1/8" Mesh Fabric, Deduct	*-135.91*	
		For 12' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*287.56*	
		For 12' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*384.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0560	EA	14' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,291.72	155.70
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-342.01*	
		For 1" Mesh Fabric, Add	*793.46*	
		For 1-1/4" Mesh Fabric, Add	*510.73*	
		For 1-3/4" Mesh Fabric, Add	*317.38*	
		For 2-1/8" Mesh Fabric, Deduct	*-158.69*	
		For 14' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*324.27*	
		For 14' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*429.11*	
32 31 13 13-0561	EA	16' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,594.20	169.76
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-390.77*	
		For 1" Mesh Fabric, Add	*906.59*	
		For 1-1/4" Mesh Fabric, Add	*583.55*	
		For 1-3/4" Mesh Fabric, Add	*362.64*	
		For 2-1/8" Mesh Fabric, Deduct	*-181.32*	
		For 16' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*360.81*	
		For 16' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*473.57*	
32 31 13 13-0562	EA	18' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,901.95	186.94
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-438.89*	
		For 1" Mesh Fabric, Add	*1,018.22*	
		For 1-1/4" Mesh Fabric, Add	*655.41*	
		For 1-3/4" Mesh Fabric, Add	*407.29*	
		For 2-1/8" Mesh Fabric, Deduct	*-203.64*	
		For 18' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*396.95*	
		For 18' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*517.65*	
32 31 13 13-0563	EA	20' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,223.88	207.55
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-487.65*	
		For 1" Mesh Fabric, Add	*1,131.36*	
		For 1-1/4" Mesh Fabric, Add	*728.23*	
		For 1-3/4" Mesh Fabric, Add	*452.54*	
		For 2-1/8" Mesh Fabric, Deduct	*-226.27*	
		For 20' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*433.49*	
		For 20' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*562.11*	
32 31 13 13-0564	EA	22' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,562.41	233.54
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-536.42*	
		For 1" Mesh Fabric, Add	*1,244.49*	
		For 1-1/4" Mesh Fabric, Add	*801.05*	
		For 1-3/4" Mesh Fabric, Add	*497.80*	
		For 2-1/8" Mesh Fabric, Deduct	*-248.90*	
		For 22' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*504.09*	
		For 22' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*665.33*	
32 31 13 13-0565	EA	24' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,922.21	266.78
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-585.18*	
		For 1" Mesh Fabric, Add	*1,357.63*	
		For 1-1/4" Mesh Fabric, Add	*873.87*	
		For 1-3/4" Mesh Fabric, Add	*543.05*	
		For 2-1/8" Mesh Fabric, Deduct	*-271.53*	
		For 24' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*540.63*	
		For 24' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*709.79*	
32 31 13 13-0566	EA	26' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	4,325.10	311.53
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-635.58*	
		For 1" Mesh Fabric, Add	*1,474.54*	
		For 1-1/4" Mesh Fabric, Add	*949.13*	
		For 1-3/4" Mesh Fabric, Add	*589.81*	
		For 2-1/8" Mesh Fabric, Deduct	*-294.91*	
		For 26' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*578.12*	
		For 26' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*755.19*	
32 31 13 13-0567	EA	28' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	4,771.25	373.47
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-684.34*	
		For 1" Mesh Fabric, Add	*1,587.67*	
		For 1-1/4" Mesh Fabric, Add	*1,021.95*	
		For 1-3/4" Mesh Fabric, Add	*635.07*	
		For 2-1/8" Mesh Fabric, Deduct	*-317.53*	
		For 28' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*614.65*	
		For 28' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*799.65*	
32 31 13 13-0568	EA	30' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	5,312.93	467.22
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-733.11*	
		For 1" Mesh Fabric, Add	*1,700.81*	
		For 1-1/4" Mesh Fabric, Add	*1,094.77*	
		For 1-3/4" Mesh Fabric, Add	*680.32*	
		For 2-1/8" Mesh Fabric, Deduct	*-340.16*	
		For 30' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*651.18*	
		For 30' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*844.11*	

32 31 13 13-0569 Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0286)*

Note: Includes posts (3" diameter posts for up to 15' wide gate and 4" diameter over 15' wide), caps, upper and lower rails, track brackets, roller gate wheel carrier, track rollers, 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes truss rod, latches, track rollers with brackets, pipe track clamps and two wheel carriers. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating. See CSI section 32 31 13 13-0672 for additonal gate accessories, 32 31 13 13-0744 for gate repacement parts.

32 31 13 13-0570 4' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0569)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0571	EA	10' Long x 4' High Chain Link Galvanized Steel Sliding Gate	2,775.57	461.11
		For 1" Mesh Fabric, Add	*806.18*	
		For 1-1/4" Mesh Fabric, Add	*518.92*	
		For 1-3/4" Mesh Fabric, Add	*322.47*	
		For 2-1/8" Mesh Fabric, Deduct	*-161.24*	
		For Gate With Barb Wire Arm, Add	*203.86*	
		For Vinyl Coated, Add	*555.98*	
32 31 13 13-0572	EA	12' Long x 4' High Chain Link Galvanized Steel Sliding Gate	3,337.24	556.72
		For 1" Mesh Fabric, Add	*967.41*	
		For 1-1/4" Mesh Fabric, Add	*622.70*	
		For 1-3/4" Mesh Fabric, Add	*386.97*	
		For 2-1/8" Mesh Fabric, Deduct	*-193.48*	
		For Gate With Barb Wire Arm, Add	*244.63*	
		For Vinyl Coated, Add	*667.18*	
32 31 13 13-0573	EA	14' Long x 4' High Chain Link Galvanized Steel Sliding Gate	3,893.71	649.48
		For 1" Mesh Fabric, Add	*1,128.65*	
		For 1-1/4" Mesh Fabric, Add	*726.49*	
		For 1-3/4" Mesh Fabric, Add	*451.46*	
		For 2-1/8" Mesh Fabric, Deduct	*-225.73*	
		For Gate With Barb Wire Arm, Add	*285.41*	
		For Vinyl Coated, Add	*778.38*	
32 31 13 13-0574	EA	16' Long x 4' High Chain Link Galvanized Steel Sliding Gate	4,458.24	746.51
		For 1" Mesh Fabric, Add	*1,289.89*	
		For 1-1/4" Mesh Fabric, Add	*830.27*	
		For 1-3/4" Mesh Fabric, Add	*515.96*	
		For 2-1/8" Mesh Fabric, Deduct	*-257.98*	
		For Gate With Barb Wire Arm, Add	*326.18*	
		For Vinyl Coated, Add	*889.58*	
32 31 13 13-0575	EA	18' Long x 4' High Chain Link Galvanized Steel Sliding Gate	5,015.58	839.84
		For 1" Mesh Fabric, Add	*1,451.13*	
		For 1-1/4" Mesh Fabric, Add	*934.06*	
		For 1-3/4" Mesh Fabric, Add	*580.45*	
		For 2-1/8" Mesh Fabric, Deduct	*-290.23*	
		For Gate With Barb Wire Arm, Add	*366.95*	
		For Vinyl Coated, Add	*1,000.78*	
32 31 13 13-0576	EA	20' Long x 4' High Chain Link Galvanized Steel Sliding Gate	5,555.67	924.50
		For 1" Mesh Fabric, Add	*1,612.36*	
		For 1-1/4" Mesh Fabric, Add	*1,037.84*	
		For 1-3/4" Mesh Fabric, Add	*644.94*	
		For 2-1/8" Mesh Fabric, Deduct	*-322.47*	
		For Gate With Barb Wire Arm, Add	*407.72*	
		For Vinyl Coated, Add	*1,111.97*	
32 31 13 13-0577	EA	24' Long x 4' High Chain Link Galvanized Steel Sliding Gate	6,641.85	1,113.30
		For 1" Mesh Fabric, Add	*1,920.63*	
		For 1-1/4" Mesh Fabric, Add	*1,236.27*	
		For 1-3/4" Mesh Fabric, Add	*768.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-384.13*	
		For Gate With Barb Wire Arm, Add	*485.68*	
		For Vinyl Coated, Add	*1,324.58*	
32 31 13 13-0578	EA	30' Long x 4' High Chain Link Galvanized Steel Sliding Gate	9,762.72	2,101.45
		For 1" Mesh Fabric, Add	*2,418.54*	
		For 1-1/4" Mesh Fabric, Add	*1,556.76*	
		For 1-3/4" Mesh Fabric, Add	*967.42*	
		For 2-1/8" Mesh Fabric, Deduct	*-483.71*	
		For Gate With Barb Wire Arm, Add	*611.58*	
		For Vinyl Coated, Add	*1,667.96*	
32 31 13 13-0579	EA	40' Long x 4' High Chain Link Galvanized Steel Sliding Gate	13,016.97	2,801.92
		For 1" Mesh Fabric, Add	*3,224.72*	
		For 1-1/4" Mesh Fabric, Add	*2,075.68*	
		For 1-3/4" Mesh Fabric, Add	*1,289.89*	
		For 2-1/8" Mesh Fabric, Deduct	*-644.94*	
		For Gate With Barb Wire Arm, Add	*815.45*	
		For Vinyl Coated, Add	*2,223.95*	
32 31 13 13-0580		**5' High Chain Link Galvanized Steel Sliding Gate** *(32 31 13 13-0569)*		
32 31 13 13-0581	EA	10' Long x 5' High Chain Link Galvanized Steel Sliding Gate	2,911.51	501.88
		For 1" Mesh Fabric, Add	*829.87*	
		For 1-1/4" Mesh Fabric, Add	*534.17*	
		For 1-3/4" Mesh Fabric, Add	*331.95*	
		For 2-1/8" Mesh Fabric, Deduct	*-165.97*	
		For Gate With Barb Wire Arm, Add	*209.85*	
		For Vinyl Coated, Add	*572.33*	
32 31 13 13-0582	EA	12' Long x 5' High Chain Link Galvanized Steel Sliding Gate	3,492.41	601.61
		For 1" Mesh Fabric, Add	*995.85*	
		For 1-1/4" Mesh Fabric, Add	*641.01*	
		For 1-3/4" Mesh Fabric, Add	*398.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-199.17*	
		For Gate With Barb Wire Arm, Add	*251.82*	
		For Vinyl Coated, Add	*686.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0583	EA	14' Long x 5' High Chain Link Galvanized Steel Sliding Gate	4,074.24	701.76
		For 1" Mesh Fabric, Add	*1,161.82*	
		For 1-1/4" Mesh Fabric, Add	*747.84*	
		For 1-3/4" Mesh Fabric, Add	*464.73*	
		For 2-1/8" Mesh Fabric, Deduct	*-232.36*	
		For Gate With Barb Wire Arm, Add	*293.79*	
		For Vinyl Coated, Add	*801.26*	
32 31 13 13-0584	EA	16' Long x 5' High Chain Link Galvanized Steel Sliding Gate	4,656.67	802.20
		For 1" Mesh Fabric, Add	*1,327.80*	
		For 1-1/4" Mesh Fabric, Add	*854.68*	
		For 1-3/4" Mesh Fabric, Add	*531.12*	
		For 2-1/8" Mesh Fabric, Deduct	*-265.56*	
		For Gate With Barb Wire Arm, Add	*335.77*	
		For Vinyl Coated, Add	*915.73*	
32 31 13 13-0585	EA	18' Long x 5' High Chain Link Galvanized Steel Sliding Gate	5,238.42	902.20
		For 1" Mesh Fabric, Add	*1,493.77*	
		For 1-1/4" Mesh Fabric, Add	*961.51*	
		For 1-3/4" Mesh Fabric, Add	*597.51*	
		For 2-1/8" Mesh Fabric, Deduct	*-298.75*	
		For Gate With Barb Wire Arm, Add	*377.73*	
		For Vinyl Coated, Add	*1,030.19*	
32 31 13 13-0586	EA	20' Long x 5' High Chain Link Galvanized Steel Sliding Gate	5,820.55	1,002.50
		For 1" Mesh Fabric, Add	*1,659.75*	
		For 1-1/4" Mesh Fabric, Add	*1,068.34*	
		For 1-3/4" Mesh Fabric, Add	*663.90*	
		For 2-1/8" Mesh Fabric, Deduct	*-331.95*	
		For Gate With Barb Wire Arm, Add	*419.71*	
		For Vinyl Coated, Add	*1,144.65*	
32 31 13 13-0587	EA	24' Long x 5' High Chain Link Galvanized Steel Sliding Gate	6,953.78	1,204.35
		For 1" Mesh Fabric, Add	*1,977.08*	
		For 1-1/4" Mesh Fabric, Add	*1,272.61*	
		For 1-3/4" Mesh Fabric, Add	*790.83*	
		For 2-1/8" Mesh Fabric, Deduct	*-395.42*	
		For Gate With Barb Wire Arm, Add	*499.95*	
		For Vinyl Coated, Add	*1,363.51*	
32 31 13 13-0588	EA	30' Long x 5' High Chain Link Galvanized Steel Sliding Gate	8,731.34	1,504.09
		For 1" Mesh Fabric, Add	*2,489.62*	
		For 1-1/4" Mesh Fabric, Add	*1,602.51*	
		For 1-3/4" Mesh Fabric, Add	*995.85*	
		For 2-1/8" Mesh Fabric, Deduct	*-497.92*	
		For Gate With Barb Wire Arm, Add	*629.56*	
		For Vinyl Coated, Add	*1,716.98*	
32 31 13 13-0589	EA	40' Long x 5' High Chain Link Galvanized Steel Sliding Gate	11,641.08	2,004.99
		For 1" Mesh Fabric, Add	*3,319.49*	
		For 1-1/4" Mesh Fabric, Add	*2,136.68*	
		For 1-3/4" Mesh Fabric, Add	*1,327.80*	
		For 2-1/8" Mesh Fabric, Deduct	*-663.90*	
		For Gate With Barb Wire Arm, Add	*839.41*	
		For Vinyl Coated, Add	*2,289.30*	
32 31 13 13-0590		6' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0569)*		
32 31 13 13-0591	EA	10' Long x 6' High Chain Link Galvanized Steel Sliding Gate	3,122.57	588.40
		For 1" Mesh Fabric, Add	*846.46*	
		For 1-1/4" Mesh Fabric, Add	*544.85*	
		For 1-3/4" Mesh Fabric, Add	*338.58*	
		For 2-1/8" Mesh Fabric, Deduct	*-169.29*	
		For Gate With Barb Wire Arm, Add	*214.05*	
		For Vinyl Coated, Add	*583.76*	
32 31 13 13-0592	EA	12' Long x 6' High Chain Link Galvanized Steel Sliding Gate	3,742.96	703.89
		For 1" Mesh Fabric, Add	*1,015.75*	
		For 1-1/4" Mesh Fabric, Add	*653.82*	
		For 1-3/4" Mesh Fabric, Add	*406.30*	
		For 2-1/8" Mesh Fabric, Deduct	*-203.15*	
		For Gate With Barb Wire Arm, Add	*256.86*	
		For Vinyl Coated, Add	*700.52*	
32 31 13 13-0593	EA	14' Long x 6' High Chain Link Galvanized Steel Sliding Gate	4,366.52	821.09
		For 1" Mesh Fabric, Add	*1,185.04*	
		For 1-1/4" Mesh Fabric, Add	*762.79*	
		For 1-3/4" Mesh Fabric, Add	*474.02*	
		For 2-1/8" Mesh Fabric, Deduct	*-237.01*	
		For Gate With Barb Wire Arm, Add	*299.67*	
		For Vinyl Coated, Add	*817.27*	
32 31 13 13-0594	EA	16' Long x 6' High Chain Link Galvanized Steel Sliding Gate	4,990.60	938.57
		For 1" Mesh Fabric, Add	*1,354.33*	
		For 1-1/4" Mesh Fabric, Add	*871.75*	
		For 1-3/4" Mesh Fabric, Add	*541.73*	
		For 2-1/8" Mesh Fabric, Deduct	*-270.87*	
		For Gate With Barb Wire Arm, Add	*342.48*	
		For Vinyl Coated, Add	*934.02*	
32 31 13 13-0595	EA	18' Long x 6' High Chain Link Galvanized Steel Sliding Gate	5,614.17	1,055.77
		For 1" Mesh Fabric, Add	*1,523.63*	
		For 1-1/4" Mesh Fabric, Add	*980.73*	
		For 1-3/4" Mesh Fabric, Add	*609.45*	
		For 2-1/8" Mesh Fabric, Deduct	*-304.73*	
		For Gate With Barb Wire Arm, Add	*385.28*	
		For Vinyl Coated, Add	*1,050.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0596	EA	20' Long x 6' High Chain Link Galvanized Steel Sliding Gate	6,245.65	1,176.94
		For 1" Mesh Fabric, Add	*1,692.92*	
		For 1-1/4" Mesh Fabric, Add	*1,089.70*	
		For 1-3/4" Mesh Fabric, Add	*677.17*	
		For 2-1/8" Mesh Fabric, Deduct	*-338.58*	
		For Gate With Barb Wire Arm, Add	*428.09*	
		For Vinyl Coated, Add	*1,167.53*	
32 31 13 13-0597	EA	24' Long x 6' High Chain Link Galvanized Steel Sliding Gate	7,451.66	1,407.92
		For 1" Mesh Fabric, Add	*2,016.60*	
		For 1-1/4" Mesh Fabric, Add	*1,298.04*	
		For 1-3/4" Mesh Fabric, Add	*806.64*	
		For 2-1/8" Mesh Fabric, Deduct	*-403.32*	
		For Gate With Barb Wire Arm, Add	*509.94*	
		For Vinyl Coated, Add	*1,390.76*	
32 31 13 13-0598	EA	30' Long x 6' High Chain Link Galvanized Steel Sliding Gate	9,358.26	1,760.37
		For 1" Mesh Fabric, Add	*2,539.38*	
		For 1-1/4" Mesh Fabric, Add	*1,634.54*	
		For 1-3/4" Mesh Fabric, Add	*1,015.75*	
		For 2-1/8" Mesh Fabric, Deduct	*-507.88*	
		For Gate With Barb Wire Arm, Add	*642.14*	
		For Vinyl Coated, Add	*1,751.30*	
32 31 13 13-0599	EA	40' Long x 6' High Chain Link Galvanized Steel Sliding Gate	12,475.74	2,346.06
		For 1" Mesh Fabric, Add	*3,385.84*	
		For 1-1/4" Mesh Fabric, Add	*2,179.39*	
		For 1-3/4" Mesh Fabric, Add	*1,354.33*	
		For 2-1/8" Mesh Fabric, Deduct	*-677.17*	
		For Gate With Barb Wire Arm, Add	*856.19*	
		For Vinyl Coated, Add	*2,335.06*	

32 31 13 13-0600 7' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0569)*

32 31 13 13-0601	EA	10' Long x 7' High Chain Link Galvanized Steel Sliding Gate	3,334.74	656.30
		For 1" Mesh Fabric, Add	*879.63*	
		For 1-1/4" Mesh Fabric, Add	*566.20*	
		For 1-3/4" Mesh Fabric, Add	*351.85*	
		For 2-1/8" Mesh Fabric, Deduct	*-175.93*	
		For Gate With Barb Wire Arm, Add	*222.44*	
		For Vinyl Coated, Add	*606.64*	
32 31 13 13-0602	EA	12' Long x 7' High Chain Link Galvanized Steel Sliding Gate	4,000.68	787.00
		For 1" Mesh Fabric, Add	*1,055.59*	
		For 1-1/4" Mesh Fabric, Add	*679.46*	
		For 1-3/4" Mesh Fabric, Add	*422.24*	
		For 2-1/8" Mesh Fabric, Deduct	*-211.12*	
		For Gate With Barb Wire Arm, Add	*266.93*	
		For Vinyl Coated, Add	*727.99*	
32 31 13 13-0603	EA	14' Long x 7' High Chain Link Galvanized Steel Sliding Gate	4,668.72	918.82
		For 1" Mesh Fabric, Add	*1,231.48*	
		For 1-1/4" Mesh Fabric, Add	*792.68*	
		For 1-3/4" Mesh Fabric, Add	*492.59*	
		For 2-1/8" Mesh Fabric, Deduct	*-246.30*	
		For Gate With Barb Wire Arm, Add	*311.41*	
		For Vinyl Coated, Add	*849.30*	
32 31 13 13-0604	EA	16' Long x 7' High Chain Link Galvanized Steel Sliding Gate	5,334.52	1,049.52
		For 1" Mesh Fabric, Add	*1,407.41*	
		For 1-1/4" Mesh Fabric, Add	*905.92*	
		For 1-3/4" Mesh Fabric, Add	*562.96*	
		For 2-1/8" Mesh Fabric, Deduct	*-281.48*	
		For Gate With Barb Wire Arm, Add	*355.90*	
		For Vinyl Coated, Add	*970.63*	
32 31 13 13-0605	EA	18' Long x 7' High Chain Link Galvanized Steel Sliding Gate	6,001.55	1,180.92
		For 1" Mesh Fabric, Add	*1,583.33*	
		For 1-1/4" Mesh Fabric, Add	*1,019.16*	
		For 1-3/4" Mesh Fabric, Add	*633.33*	
		For 2-1/8" Mesh Fabric, Deduct	*-316.67*	
		For Gate With Barb Wire Arm, Add	*400.38*	
		For Vinyl Coated, Add	*1,091.96*	
32 31 13 13-0606	EA	20' Long x 7' High Chain Link Galvanized Steel Sliding Gate	6,667.67	1,311.76
		For 1" Mesh Fabric, Add	*1,759.26*	
		For 1-1/4" Mesh Fabric, Add	*1,132.40*	
		For 1-3/4" Mesh Fabric, Add	*703.70*	
		For 2-1/8" Mesh Fabric, Deduct	*-351.85*	
		For Gate With Barb Wire Arm, Add	*444.87*	
		For Vinyl Coated, Add	*1,213.28*	
32 31 13 13-0607	EA	24' Long x 7' High Chain Link Galvanized Steel Sliding Gate	7,965.60	1,573.99
		For 1" Mesh Fabric, Add	*2,095.63*	
		For 1-1/4" Mesh Fabric, Add	*1,348.91*	
		For 1-3/4" Mesh Fabric, Add	*838.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-419.13*	
		For Gate With Barb Wire Arm, Add	*529.93*	
		For Vinyl Coated, Add	*1,445.26*	
32 31 13 13-0608	EA	30' Long x 7' High Chain Link Galvanized Steel Sliding Gate	10,001.49	1,967.49
		For 1" Mesh Fabric, Add	*2,638.89*	
		For 1-1/4" Mesh Fabric, Add	*1,698.59*	
		For 1-3/4" Mesh Fabric, Add	*1,055.56*	
		For 2-1/8" Mesh Fabric, Deduct	*-527.78*	
		For Gate With Barb Wire Arm, Add	*667.31*	
		For Vinyl Coated, Add	*1,819.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0609	EA	40' Long x 7' High Chain Link Galvanized Steel Sliding Gate	13,335.34	2,623.36
		For 1" Mesh Fabric, Add	*3,518.52*	
		For 1-1/4" Mesh Fabric, Add	*2,264.79*	
		For 1-3/4" Mesh Fabric, Add	*1,407.41*	
		For 2-1/8" Mesh Fabric, Deduct	*-703.70*	
		For Gate With Barb Wire Arm, Add	*889.74*	
		For Vinyl Coated, Add	*2,426.57*	

32 31 13 13-0610 8' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0569)*

32 31 13 13-0611	EA	10' Long x 8' High Chain Link Galvanized Steel Sliding Gate	3,504.05	710.99
		For 1" Mesh Fabric, Add	*905.70*	
		For 1-1/4" Mesh Fabric, Add	*582.98*	
		For 1-3/4" Mesh Fabric, Add	*362.28*	
		For 2-1/8" Mesh Fabric, Deduct	*-181.14*	
		For Gate With Barb Wire Arm, Add	*229.03*	
		For Vinyl Coated, Add	*624.62*	
32 31 13 13-0612	EA	12' Long x 8' High Chain Link Galvanized Steel Sliding Gate	4,200.77	851.20
		For 1" Mesh Fabric, Add	*1,086.83*	
		For 1-1/4" Mesh Fabric, Add	*699.57*	
		For 1-3/4" Mesh Fabric, Add	*434.73*	
		For 2-1/8" Mesh Fabric, Deduct	*-217.37*	
		For Gate With Barb Wire Arm, Add	*274.83*	
		For Vinyl Coated, Add	*749.54*	
32 31 13 13-0613	EA	14' Long x 8' High Chain Link Galvanized Steel Sliding Gate	4,900.98	993.12
		For 1" Mesh Fabric, Add	*1,267.97*	
		For 1-1/4" Mesh Fabric, Add	*816.16*	
		For 1-3/4" Mesh Fabric, Add	*507.19*	
		For 2-1/8" Mesh Fabric, Deduct	*-253.59*	
		For Gate With Barb Wire Arm, Add	*320.64*	
		For Vinyl Coated, Add	*874.46*	
32 31 13 13-0614	EA	16' Long x 8' High Chain Link Galvanized Steel Sliding Gate	5,601.46	1,135.03
		For 1" Mesh Fabric, Add	*1,449.11*	
		For 1-1/4" Mesh Fabric, Add	*932.76*	
		For 1-3/4" Mesh Fabric, Add	*579.64*	
		For 2-1/8" Mesh Fabric, Deduct	*-289.82*	
		For Gate With Barb Wire Arm, Add	*366.44*	
		For Vinyl Coated, Add	*999.38*	
32 31 13 13-0615	EA	18' Long x 8' High Chain Link Galvanized Steel Sliding Gate	6,300.38	1,276.38
		For 1" Mesh Fabric, Add	*1,630.25*	
		For 1-1/4" Mesh Fabric, Add	*1,049.35*	
		For 1-3/4" Mesh Fabric, Add	*652.10*	
		For 2-1/8" Mesh Fabric, Deduct	*-326.05*	
		For Gate With Barb Wire Arm, Add	*412.25*	
		For Vinyl Coated, Add	*1,124.31*	
32 31 13 13-0616	EA	20' Long x 8' High Chain Link Galvanized Steel Sliding Gate	7,000.98	1,418.44
		For 1" Mesh Fabric, Add	*1,811.38*	
		For 1-1/4" Mesh Fabric, Add	*1,165.95*	
		For 1-3/4" Mesh Fabric, Add	*724.55*	
		For 2-1/8" Mesh Fabric, Deduct	*-362.28*	
		For Gate With Barb Wire Arm, Add	*458.05*	
		For Vinyl Coated, Add	*1,249.23*	
32 31 13 13-0617	EA	24' Long x 8' High Chain Link Galvanized Steel Sliding Gate	8,364.86	1,702.27
		For 1" Mesh Fabric, Add	*2,157.72*	
		For 1-1/4" Mesh Fabric, Add	*1,388.88*	
		For 1-3/4" Mesh Fabric, Add	*863.09*	
		For 2-1/8" Mesh Fabric, Deduct	*-431.54*	
		For Gate With Barb Wire Arm, Add	*545.63*	
		For Vinyl Coated, Add	*1,488.08*	
32 31 13 13-0618	EA	30' Long x 8' High Chain Link Galvanized Steel Sliding Gate	10,502.54	2,128.15
		For 1" Mesh Fabric, Add	*2,717.08*	
		For 1-1/4" Mesh Fabric, Add	*1,748.92*	
		For 1-3/4" Mesh Fabric, Add	*1,086.83*	
		For 2-1/8" Mesh Fabric, Deduct	*-543.42*	
		For Gate With Barb Wire Arm, Add	*687.08*	
		For Vinyl Coated, Add	*1,873.85*	
32 31 13 13-0619	EA	40' Long x 8' High Chain Link Galvanized Steel Sliding Gate	13,999.13	2,835.45
		For 1" Mesh Fabric, Add	*3,622.77*	
		For 1-1/4" Mesh Fabric, Add	*2,331.90*	
		For 1-3/4" Mesh Fabric, Add	*1,449.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-724.55*	
		For Gate With Barb Wire Arm, Add	*916.10*	
		For Vinyl Coated, Add	*2,498.46*	

32 31 13 13-0620 9' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0569)*

32 31 13 13-0621	EA	10' Long x 9' High Chain Link Galvanized Steel Sliding Gate	3,704.12	775.62
		For 1" Mesh Fabric, Add	*936.49*	
		For 1-1/4" Mesh Fabric, Add	*602.80*	
		For 1-3/4" Mesh Fabric, Add	*374.60*	
		For 2-1/8" Mesh Fabric, Deduct	*-187.30*	
		For Gate With Barb Wire Arm, Add	*236.81*	
		For Vinyl Coated, Add	*645.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0622	EA	12' Long x 9' High Chain Link Galvanized Steel Sliding Gate	4,439.16	927.91
		For 1" Mesh Fabric, Add	*1,123.79*	
		For 1-1/4" Mesh Fabric, Add	*723.36*	
		For 1-3/4" Mesh Fabric, Add	*449.52*	
		For 2-1/8" Mesh Fabric, Deduct	*-224.76*	
		For Gate With Barb Wire Arm, Add	*284.18*	
		For Vinyl Coated, Add	*775.03*	
32 31 13 13-0623	EA	14' Long x 9' High Chain Link Galvanized Steel Sliding Gate	5,178.68	1,082.33
		For 1" Mesh Fabric, Add	*1,311.09*	
		For 1-1/4" Mesh Fabric, Add	*843.92*	
		For 1-3/4" Mesh Fabric, Add	*524.44*	
		For 2-1/8" Mesh Fabric, Deduct	*-262.22*	
		For Gate With Barb Wire Arm, Add	*331.54*	
		For Vinyl Coated, Add	*904.20*	
32 31 13 13-0624	EA	16' Long x 9' High Chain Link Galvanized Steel Sliding Gate	5,919.42	1,237.46
		For 1" Mesh Fabric, Add	*1,498.39*	
		For 1-1/4" Mesh Fabric, Add	*964.48*	
		For 1-3/4" Mesh Fabric, Add	*599.36*	
		For 2-1/8" Mesh Fabric, Deduct	*-299.68*	
		For Gate With Barb Wire Arm, Add	*378.90*	
		For Vinyl Coated, Add	*1,033.37*	
32 31 13 13-0625	EA	18' Long x 9' High Chain Link Galvanized Steel Sliding Gate	6,659.21	1,392.02
		For 1" Mesh Fabric, Add	*1,685.69*	
		For 1-1/4" Mesh Fabric, Add	*1,085.04*	
		For 1-3/4" Mesh Fabric, Add	*674.28*	
		For 2-1/8" Mesh Fabric, Deduct	*-337.14*	
		For Gate With Barb Wire Arm, Add	*426.27*	
		For Vinyl Coated, Add	*1,162.55*	
32 31 13 13-0626	EA	20' Long x 9' High Chain Link Galvanized Steel Sliding Gate	7,398.96	1,546.57
		For 1" Mesh Fabric, Add	*1,872.99*	
		For 1-1/4" Mesh Fabric, Add	*1,205.60*	
		For 1-3/4" Mesh Fabric, Add	*749.20*	
		For 2-1/8" Mesh Fabric, Deduct	*-374.60*	
		For Gate With Barb Wire Arm, Add	*473.63*	
		For Vinyl Coated, Add	*1,291.72*	
32 31 13 13-0627	EA	24' Long x 9' High Chain Link Galvanized Steel Sliding Gate	8,840.44	1,855.68
		For 1" Mesh Fabric, Add	*2,231.10*	
		For 1-1/4" Mesh Fabric, Add	*1,436.11*	
		For 1-3/4" Mesh Fabric, Add	*892.44*	
		For 2-1/8" Mesh Fabric, Deduct	*-446.22*	
		For Gate With Barb Wire Arm, Add	*564.19*	
		For Vinyl Coated, Add	*1,538.69*	
32 31 13 13-0628	EA	30' Long x 9' High Chain Link Galvanized Steel Sliding Gate	11,097.17	2,319.36
		For 1" Mesh Fabric, Add	*2,809.48*	
		For 1-1/4" Mesh Fabric, Add	*1,808.40*	
		For 1-3/4" Mesh Fabric, Add	*1,123.79*	
		For 2-1/8" Mesh Fabric, Deduct	*-561.90*	
		For Gate With Barb Wire Arm, Add	*710.44*	
		For Vinyl Coated, Add	*1,937.57*	
32 31 13 13-0629	EA	40' Long x 9' High Chain Link Galvanized Steel Sliding Gate	14,801.30	3,094.99
		For 1" Mesh Fabric, Add	*3,745.99*	
		For 1-1/4" Mesh Fabric, Add	*2,411.21*	
		For 1-3/4" Mesh Fabric, Add	*1,498.39*	
		For 2-1/8" Mesh Fabric, Deduct	*-749.20*	
		For Gate With Barb Wire Arm, Add	*947.26*	
		For Vinyl Coated, Add	*2,583.44*	
32 31 13 13-0630		**10' High Chain Link Galvanized Steel Sliding Gate** *(32 31 13 13-0569)*		
32 31 13 13-0631	EA	10' Long x 10' High Chain Link Galvanized Steel Sliding Gate	3,951.85	853.19
		For 1" Mesh Fabric, Add	*976.78*	
		For 1-1/4" Mesh Fabric, Add	*628.73*	
		For 1-3/4" Mesh Fabric, Add	*390.71*	
		For 2-1/8" Mesh Fabric, Deduct	*-195.36*	
		For Gate With Barb Wire Arm, Add	*247.00*	
		For Vinyl Coated, Add	*673.64*	
32 31 13 13-0632	EA	12' Long x 10' High Chain Link Galvanized Steel Sliding Gate	4,742.21	1,023.80
		For 1" Mesh Fabric, Add	*1,172.13*	
		For 1-1/4" Mesh Fabric, Add	*754.47*	
		For 1-3/4" Mesh Fabric, Add	*468.85*	
		For 2-1/8" Mesh Fabric, Deduct	*-234.43*	
		For Gate With Barb Wire Arm, Add	*296.40*	
		For Vinyl Coated, Add	*808.37*	
32 31 13 13-0633	EA	14' Long x 10' High Chain Link Galvanized Steel Sliding Gate	5,533.17	1,194.70
		For 1" Mesh Fabric, Add	*1,367.49*	
		For 1-1/4" Mesh Fabric, Add	*880.22*	
		For 1-3/4" Mesh Fabric, Add	*547.00*	
		For 2-1/8" Mesh Fabric, Deduct	*-273.50*	
		For Gate With Barb Wire Arm, Add	*345.80*	
		For Vinyl Coated, Add	*943.10*	
32 31 13 13-0634	EA	16' Long x 10' High Chain Link Galvanized Steel Sliding Gate	6,323.29	1,365.30
		For 1" Mesh Fabric, Add	*1,562.84*	
		For 1-1/4" Mesh Fabric, Add	*1,005.97*	
		For 1-3/4" Mesh Fabric, Add	*625.14*	
		For 2-1/8" Mesh Fabric, Deduct	*-312.57*	
		For Gate With Barb Wire Arm, Add	*395.20*	
		For Vinyl Coated, Add	*1,077.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0635	EA	18' Long x 10' High Chain Link Galvanized Steel Sliding Gate	7,113.32	1,535.78
		For 1" Mesh Fabric, Add	*1,758.19*	
		For 1-1/4" Mesh Fabric, Add	*1,131.71*	
		For 1-3/4" Mesh Fabric, Add	*703.28*	
		For 2-1/8" Mesh Fabric, Deduct	*-351.64*	
		For Gate With Barb Wire Arm, Add	*444.60*	
		For Vinyl Coated, Add	*1,212.55*	
32 31 13 13-0636	EA	20' Long x 10' High Chain Link Galvanized Steel Sliding Gate	7,903.68	1,706.39
		For 1" Mesh Fabric, Add	*1,953.55*	
		For 1-1/4" Mesh Fabric, Add	*1,257.45*	
		For 1-3/4" Mesh Fabric, Add	*781.42*	
		For 2-1/8" Mesh Fabric, Deduct	*-390.71*	
		For Gate With Barb Wire Arm, Add	*494.00*	
		For Vinyl Coated, Add	*1,347.27*	
32 31 13 13-0637	EA	24' Long x 10' High Chain Link Galvanized Steel Sliding Gate	9,446.37	2,048.46
		For 1" Mesh Fabric, Add	*2,327.06*	
		For 1-1/4" Mesh Fabric, Add	*1,497.88*	
		For 1-3/4" Mesh Fabric, Add	*930.83*	
		For 2-1/8" Mesh Fabric, Deduct	*-465.41*	
		For Gate With Barb Wire Arm, Add	*588.45*	
		For Vinyl Coated, Add	*1,604.87*	
32 31 13 13-0638	EA	30' Long x 10' High Chain Link Galvanized Steel Sliding Gate	11,855.53	2,559.58
		For 1" Mesh Fabric, Add	*2,930.32*	
		For 1-1/4" Mesh Fabric, Add	*1,886.18*	
		For 1-3/4" Mesh Fabric, Add	*1,172.13*	
		For 2-1/8" Mesh Fabric, Deduct	*-586.06*	
		For Gate With Barb Wire Arm, Add	*741.00*	
		For Vinyl Coated, Add	*2,020.91*	
32 31 13 13-0639	EA	40' Long x 10' High Chain Link Galvanized Steel Sliding Gate	15,803.30	3,410.78
		For 1" Mesh Fabric, Add	*3,907.10*	
		For 1-1/4" Mesh Fabric, Add	*2,514.92*	
		For 1-3/4" Mesh Fabric, Add	*1,562.84*	
		For 2-1/8" Mesh Fabric, Deduct	*-781.42*	
		For Gate With Barb Wire Arm, Add	*988.00*	
		For Vinyl Coated, Add	*2,694.55*	

32 31 13 13-0640 Sliding Cantilever Gate, Single Track, Manually Operated Exposed Roller *(32 31 13 13-0286)*

Note: Includes posts (3" diameter posts for up to 15' wide gate and 4" diameter over 15' wide), caps, upper rail, track brackets, roller gate wheel carrier, metal track rollers for rail, 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes truss rod, latches, single track, track rollers with brackets, pipe track clamps and two wheel carriers. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating. Width listed on tasks is opening width of gate. See CSI section 32 31 11 00-0021 for gate operators.

32 31 13 13-0641	EA	5' High x 10' Wide Galvanized Cantilever Sliding Gate	7,705.45	568.23
		For 1" Mesh Fabric, Add	*2,857.52*	
		For 1-1/4" Mesh Fabric, Add	*1,839.32*	
		For 1-3/4" Mesh Fabric, Add	*1,143.01*	
		For 2-1/8" Mesh Fabric, Deduct	*-571.50*	
		For Gate With Single Barb Wire Arm, Add	*722.59*	
		For Gate With Double Barb Wire Arm, Add	*1,051.04*	
		For Aluminized Steel Gate And Post, Add	*3,153.12*	
		For Powder Coated Gate And Post, Add	*1,379.49*	
		For Vinyl Coated, Add	*1,970.70*	
32 31 13 13-0642	EA	5' High x 12' Wide Galvanized Cantilever Sliding Gate	8,436.73	710.29
		For 1" Mesh Fabric, Add	*3,052.03*	
		For 1-1/4" Mesh Fabric, Add	*1,964.53*	
		For 1-3/4" Mesh Fabric, Add	*1,220.81*	
		For 2-1/8" Mesh Fabric, Deduct	*-610.41*	
		For Gate With Single Barb Wire Arm, Add	*771.78*	
		For Gate With Double Barb Wire Arm, Add	*1,122.59*	
		For Aluminized Steel Gate And Post, Add	*3,367.76*	
		For Powder Coated Gate And Post, Add	*1,473.40*	
		For Vinyl Coated, Add	*2,104.85*	
32 31 13 13-0643	EA	5' High x 15' Wide Galvanized Cantilever Sliding Gate	9,174.17	852.34
		For 1" Mesh Fabric, Add	*3,249.23*	
		For 1-1/4" Mesh Fabric, Add	*2,091.46*	
		For 1-3/4" Mesh Fabric, Add	*1,299.69*	
		For 2-1/8" Mesh Fabric, Deduct	*-649.85*	
		For Gate With Single Barb Wire Arm, Add	*821.64*	
		For Gate With Double Barb Wire Arm, Add	*1,195.12*	
		For Aluminized Steel Gate And Post, Add	*3,585.36*	
		For Powder Coated Gate And Post, Add	*1,568.59*	
		For Vinyl Coated, Add	*2,240.85*	
32 31 13 13-0644	EA	5' High x 20' Wide Galvanized Cantilever Sliding Gate	10,738.32	1,136.45
		For 1" Mesh Fabric, Add	*3,682.45*	
		For 1-1/4" Mesh Fabric, Add	*2,370.31*	
		For 1-3/4" Mesh Fabric, Add	*1,472.98*	
		For 2-1/8" Mesh Fabric, Deduct	*-736.49*	
		For Gate With Single Barb Wire Arm, Add	*931.20*	
		For Gate With Double Barb Wire Arm, Add	*1,354.47*	
		For Aluminized Steel Gate And Post, Add	*4,063.40*	
		For Powder Coated Gate And Post, Add	*1,777.74*	
		For Vinyl Coated, Add	*2,539.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0645	EA	6' High x 15' Wide Galvanized Cantilever Sliding Gate	9,965.60	1,136.45
		For 1" Mesh Fabric, Add	*3,346.32*	
		For 1-1/4" Mesh Fabric, Add	*2,153.95*	
		For 1-3/4" Mesh Fabric, Add	*1,338.53*	
		For 2-1/8" Mesh Fabric, Deduct	*-669.26*	
		For Gate With Single Barb Wire Arm, Add	*846.20*	
		For Gate With Double Barb Wire Arm, Add	*1,230.83*	
		For Aluminized Steel Gate And Post, Add	*3,692.49*	
		For Powder Coated Gate And Post, Add	*1,615.46*	
		For Vinyl Coated, Add	*2,307.81*	
32 31 13 13-0646	EA	6' High x 20' Wide Galvanized Cantilever Sliding Gate	11,646.71	1,491.59
		For 1" Mesh Fabric, Add	*3,768.63*	
		For 1-1/4" Mesh Fabric, Add	*2,425.78*	
		For 1-3/4" Mesh Fabric, Add	*1,507.45*	
		For 2-1/8" Mesh Fabric, Deduct	*-753.73*	
		For Gate With Single Barb Wire Arm, Add	*952.99*	
		For Gate With Double Barb Wire Arm, Add	*1,386.16*	
		For Aluminized Steel Gate And Post, Add	*4,158.48*	
		For Powder Coated Gate And Post, Add	*1,819.34*	
		For Vinyl Coated, Add	*2,599.05*	
32 31 13 13-0647	EA	6' High x 25' Wide Galvanized Cantilever Sliding Gate	15,468.40	1,846.74
		For 1" Mesh Fabric, Add	*5,122.09*	
		For 1-1/4" Mesh Fabric, Add	*3,296.98*	
		For 1-3/4" Mesh Fabric, Add	*2,048.84*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,024.42*	
		For Gate With Single Barb Wire Arm, Add	*1,295.24*	
		For Gate With Double Barb Wire Arm, Add	*1,883.99*	
		For Aluminized Steel Gate And Post, Add	*5,651.97*	
		For Powder Coated Gate And Post, Add	*2,472.74*	
		For Vinyl Coated, Add	*3,532.48*	
32 31 13 13-0648	EA	6' High x 30' Wide Galvanized Cantilever Sliding Gate	17,398.87	2,201.88
		For 1" Mesh Fabric, Add	*5,652.87*	
		For 1-1/4" Mesh Fabric, Add	*3,638.63*	
		For 1-3/4" Mesh Fabric, Add	*2,261.15*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,130.57*	
		For Gate With Single Barb Wire Arm, Add	*1,429.46*	
		For Gate With Double Barb Wire Arm, Add	*2,079.22*	
		For Aluminized Steel Gate And Post, Add	*6,237.65*	
		For Powder Coated Gate And Post, Add	*2,728.97*	
		For Vinyl Coated, Add	*3,898.53*	
32 31 13 13-0649	EA	6' High x 36' Wide Galvanized Cantilever Sliding Gate	20,424.06	2,414.97
		For 1" Mesh Fabric, Add	*6,783.45*	
		For 1-1/4" Mesh Fabric, Add	*4,366.36*	
		For 1-3/4" Mesh Fabric, Add	*2,713.38*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,356.69*	
		For Gate With Single Barb Wire Arm, Add	*1,715.35*	
		For Gate With Double Barb Wire Arm, Add	*2,495.06*	
		For Aluminized Steel Gate And Post, Add	*7,485.18*	
		For Powder Coated Gate And Post, Add	*3,274.77*	
		For Vinyl Coated, Add	*4,678.24*	
32 31 13 13-0650	EA	8' High x 15' Wide Galvanized Cantilever Sliding Gate	11,642.40	1,420.56
		For 1" Mesh Fabric, Add	*3,828.55*	
		For 1-1/4" Mesh Fabric, Add	*2,464.35*	
		For 1-3/4" Mesh Fabric, Add	*1,531.42*	
		For 2-1/8" Mesh Fabric, Deduct	*-765.71*	
		For Gate With Single Barb Wire Arm, Add	*968.14*	
		For Gate With Double Barb Wire Arm, Add	*1,408.20*	
		For Aluminized Steel Gate And Post, Add	*4,224.60*	
		For Powder Coated Gate And Post, Add	*1,848.26*	
		For Vinyl Coated, Add	*2,640.38*	
32 31 13 13-0651	EA	8' High x 20' Wide Galvanized Cantilever Sliding Gate	13,745.86	1,917.76
		For 1" Mesh Fabric, Add	*4,310.99*	
		For 1-1/4" Mesh Fabric, Add	*2,774.89*	
		For 1-3/4" Mesh Fabric, Add	*1,724.40*	
		For 2-1/8" Mesh Fabric, Deduct	*-862.20*	
		For Gate With Single Barb Wire Arm, Add	*1,090.14*	
		For Gate With Double Barb Wire Arm, Add	*1,585.65*	
		For Aluminized Steel Gate And Post, Add	*4,756.96*	
		For Powder Coated Gate And Post, Add	*2,081.17*	
		For Vinyl Coated, Add	*2,973.10*	
32 31 13 13-0652	EA	8' High x 25' Wide Galvanized Cantilever Sliding Gate	18,299.41	2,414.97
		For 1" Mesh Fabric, Add	*5,859.22*	
		For 1-1/4" Mesh Fabric, Add	*3,771.45*	
		For 1-3/4" Mesh Fabric, Add	*2,343.69*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,171.84*	
		For Gate With Single Barb Wire Arm, Add	*1,481.64*	
		For Gate With Double Barb Wire Arm, Add	*2,155.12*	
		For Aluminized Steel Gate And Post, Add	*6,465.35*	
		For Powder Coated Gate And Post, Add	*2,828.59*	
		For Vinyl Coated, Add	*4,040.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0653	EA	8' High x 30' Wide Galvanized Cantilever Sliding Gate	20,545.82	2,841.14
		For 1" Mesh Fabric, Add	*6,465.64*	
		For 1-1/4" Mesh Fabric, Add	*4,161.79*	
		For 1-3/4" Mesh Fabric, Add	*2,586.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,293.13*	
		For Gate With Single Barb Wire Arm, Add	*1,634.99*	
		For Gate With Double Barb Wire Arm, Add	*2,378.17*	
		For Aluminized Steel Gate And Post, Add	*7,134.50*	
		For Powder Coated Gate And Post, Add	*3,121.35*	
		For Vinyl Coated, Add	*4,459.07*	
32 31 13 13-0654	EA	8' High x 36' Wide Galvanized Cantilever Sliding Gate	24,086.75	3,125.25
		For 1" Mesh Fabric, Add	*7,758.77*	
		For 1-1/4" Mesh Fabric, Add	*4,994.15*	
		For 1-3/4" Mesh Fabric, Add	*3,103.51*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,551.75*	
		For Gate With Single Barb Wire Arm, Add	*1,961.99*	
		For Gate With Double Barb Wire Arm, Add	*2,853.80*	
		For Aluminized Steel Gate And Post, Add	*8,561.40*	
		For Powder Coated Gate And Post, Add	*3,745.61*	
		For Vinyl Coated, Add	*5,350.88*	
32 31 13 13-0655	EA	10' High x 15' Wide Galvanized Cantilever Sliding Gate	13,310.78	1,704.68
		For 1" Mesh Fabric, Add	*4,307.12*	
		For 1-1/4" Mesh Fabric, Add	*2,772.40*	
		For 1-3/4" Mesh Fabric, Add	*1,722.85*	
		For 2-1/8" Mesh Fabric, Deduct	*-861.42*	
		For Gate With Single Barb Wire Arm, Add	*1,089.16*	
		For Gate With Double Barb Wire Arm, Add	*1,584.23*	
		For Aluminized Steel Gate And Post, Add	*4,752.68*	
		For Powder Coated Gate And Post, Add	*2,079.30*	
		For Vinyl Coated, Add	*2,970.43*	
32 31 13 13-0656	EA	10' High x 20' Wide Galvanized Cantilever Sliding Gate	15,429.00	2,201.88
		For 1" Mesh Fabric, Add	*4,795.98*	
		For 1-1/4" Mesh Fabric, Add	*3,087.07*	
		For 1-3/4" Mesh Fabric, Add	*1,918.39*	
		For 2-1/8" Mesh Fabric, Deduct	*-959.20*	
		For Gate With Single Barb Wire Arm, Add	*1,212.78*	
		For Gate With Double Barb Wire Arm, Add	*1,764.04*	
		For Aluminized Steel Gate And Post, Add	*5,292.12*	
		For Powder Coated Gate And Post, Add	*2,315.30*	
		For Vinyl Coated, Add	*3,307.57*	
32 31 13 13-0657	EA	10' High x 25' Wide Galvanized Cantilever Sliding Gate	20,267.22	2,557.02
		For 1" Mesh Fabric, Add	*6,591.63*	
		For 1-1/4" Mesh Fabric, Add	*4,242.89*	
		For 1-3/4" Mesh Fabric, Add	*2,636.65*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,318.33*	
		For Gate With Single Barb Wire Arm, Add	*1,666.85*	
		For Gate With Double Barb Wire Arm, Add	*2,424.51*	
		For Aluminized Steel Gate And Post, Add	*7,273.52*	
		For Powder Coated Gate And Post, Add	*3,182.17*	
		For Vinyl Coated, Add	*4,545.95*	
32 31 13 13-0658	EA	10' High x 30' Wide Galvanized Cantilever Sliding Gate	22,687.88	2,983.19
		For 1" Mesh Fabric, Add	*7,273.85*	
		For 1-1/4" Mesh Fabric, Add	*4,682.02*	
		For 1-3/4" Mesh Fabric, Add	*2,909.54*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,454.77*	
		For Gate With Single Barb Wire Arm, Add	*1,839.37*	
		For Gate With Double Barb Wire Arm, Add	*2,675.44*	
		For Aluminized Steel Gate And Post, Add	*8,026.32*	
		For Powder Coated Gate And Post, Add	*3,511.52*	
		For Vinyl Coated, Add	*5,016.45*	
32 31 13 13-0659	EA	10' High x 36' Wide Galvanized Cantilever Sliding Gate	26,600.40	3,267.30
		For 1" Mesh Fabric, Add	*8,728.62*	
		For 1-1/4" Mesh Fabric, Add	*5,618.42*	
		For 1-3/4" Mesh Fabric, Add	*3,491.45*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,745.72*	
		For Gate With Single Barb Wire Arm, Add	*2,207.24*	
		For Gate With Double Barb Wire Arm, Add	*3,210.53*	
		For Aluminized Steel Gate And Post, Add	*9,631.58*	
		For Powder Coated Gate And Post, Add	*4,213.82*	
		For Vinyl Coated, Add	*6,019.74*	
32 31 13 13-0660	EA	12' High x 15' Wide Galvanized Cantilever Sliding Gate	15,717.24	1,917.76
		For 1" Mesh Fabric, Add	*5,168.54*	
		For 1-1/4" Mesh Fabric, Add	*3,326.88*	
		For 1-3/4" Mesh Fabric, Add	*2,067.42*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,033.71*	
		For Gate With Single Barb Wire Arm, Add	*1,306.99*	
		For Gate With Double Barb Wire Arm, Add	*1,901.07*	
		For Aluminized Steel Gate And Post, Add	*5,703.22*	
		For Powder Coated Gate And Post, Add	*2,495.16*	
		For Vinyl Coated, Add	*3,564.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0661	EA	12' High x 20' Wide Galvanized Cantilever Sliding Gate	18,208.87	2,414.97
		For 1" Mesh Fabric, Add	*5,819.84*	
		For 1-1/4" Mesh Fabric, Add	*3,746.10*	
		For 1-3/4" Mesh Fabric, Add	*2,327.94*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,163.97*	
		For Gate With Single Barb Wire Arm, Add	*1,471.68*	
		For Gate With Double Barb Wire Arm, Add	*2,140.63*	
		For Aluminized Steel Gate And Post, Add	*6,421.89*	
		For Powder Coated Gate And Post, Add	*2,809.58*	
		For Vinyl Coated, Add	*4,013.68*	
32 31 13 13-0662	EA	12' High x 25' Wide Galvanized Cantilever Sliding Gate	23,724.01	2,770.11
		For 1" Mesh Fabric, Add	*7,909.95*	
		For 1-1/4" Mesh Fabric, Add	*5,091.46*	
		For 1-3/4" Mesh Fabric, Add	*3,163.98*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,581.99*	
		For Gate With Single Barb Wire Arm, Add	*2,000.22*	
		For Gate With Double Barb Wire Arm, Add	*2,909.41*	
		For Aluminized Steel Gate And Post, Add	*8,728.22*	
		For Powder Coated Gate And Post, Add	*3,818.60*	
		For Vinyl Coated, Add	*5,455.14*	
32 31 13 13-0663	EA	12' High x 30' Wide Galvanized Cantilever Sliding Gate	26,316.28	3,125.25
		For 1" Mesh Fabric, Add	*8,728.62*	
		For 1-1/4" Mesh Fabric, Add	*5,618.42*	
		For 1-3/4" Mesh Fabric, Add	*3,491.45*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,745.72*	
		For Gate With Single Barb Wire Arm, Add	*2,207.24*	
		For Gate With Double Barb Wire Arm, Add	*3,210.53*	
		For Aluminized Steel Gate And Post, Add	*9,631.58*	
		For Powder Coated Gate And Post, Add	*4,213.82*	
		For Vinyl Coated, Add	*6,019.74*	
32 31 13 13-0664	EA	12' High x 36' Wide Galvanized Cantilever Sliding Gate	29,857.23	3,409.36
		For 1" Mesh Fabric, Add	*10,021.75*	
		For 1-1/4" Mesh Fabric, Add	*6,450.78*	
		For 1-3/4" Mesh Fabric, Add	*4,008.70*	
		For 2-1/8" Mesh Fabric, Deduct	*-2,004.35*	
		For Gate With Single Barb Wire Arm, Add	*2,534.24*	
		For Gate With Double Barb Wire Arm, Add	*3,686.16*	
		For Aluminized Steel Gate And Post, Add	*11,058.48*	
		For Powder Coated Gate And Post, Add	*4,838.09*	
		For Vinyl Coated, Add	*6,911.55*	

32 31 13 13-0665 Sliding Cantilever Gate, Double Track, Manually Operated Exposed Roller

(32 31 13 13-0286)

Note: Includes 4" posts, caps, rails, wheel, rollers, 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes truss rod, latches, upper and lower tracks, track brackets, metal track rollers with brackets for rails, pipe track clamps and two wheel carriers. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating. Width listed on tasks is opening width of gate. See CSI section 32 31 11 00-0021 for gate operators.

32 31 13 13-0666	EA	6' High x 32' Wide Galvanized Cantilever Sliding Gate, Double Track	26,859.78	2,983.19
		For Gate With Single Barb Wire Arm, Add	*2,454.54*	
		For Gate With Double Barb Wire Arm, Add	*3,570.23*	
		For Aluminized Steel Gate And Post, Add	*10,710.70*	
		For Powder Coated Gate And Post, Add	*4,685.93*	
		For Vinyl Coated, Add	*6,694.19*	
32 31 13 13-0667	EA	6' High x 36' Wide Galvanized Cantilever Sliding Gate, Double Track	29,359.90	2,485.99
		For Gate With Single Barb Wire Arm, Add	*2,682.67*	
		For Gate With Double Barb Wire Arm, Add	*3,902.07*	
		For Aluminized Steel Gate And Post, Add	*11,706.20*	
		For Powder Coated Gate And Post, Add	*5,121.46*	
		For Vinyl Coated, Add	*7,316.37*	
32 31 13 13-0668	EA	6' High x 40' Wide Galvanized Cantilever Sliding Gate, Double Track	39,152.31	2,983.19
		For Gate With Single Barb Wire Arm, Add	*3,650.45*	
		For Gate With Double Barb Wire Arm, Add	*5,309.75*	
		For Aluminized Steel Gate And Post, Add	*15,929.25*	
		For Powder Coated Gate And Post, Add	*6,969.05*	
		For Vinyl Coated, Add	*9,955.78*	
32 31 13 13-0669	EA	8' High x 32' Wide Galvanized Cantilever Sliding Gate, Double Track	32,743.13	2,983.19
		For Gate With Single Barb Wire Arm, Add	*2,945.44*	
		For Gate With Double Barb Wire Arm, Add	*4,284.28*	
		For Aluminized Steel Gate And Post, Add	*12,852.84*	
		For Powder Coated Gate And Post, Add	*5,623.12*	
		For Vinyl Coated, Add	*8,033.03*	
32 31 13 13-0670	EA	8' High x 36' Wide Galvanized Cantilever Sliding Gate, Double Track	35,800.10	3,267.30
		For Gate With Single Barb Wire Arm, Add	*3,219.20*	
		For Gate With Double Barb Wire Arm, Add	*4,682.48*	
		For Aluminized Steel Gate And Post, Add	*14,047.44*	
		For Powder Coated Gate And Post, Add	*6,145.75*	
		For Vinyl Coated, Add	*8,779.65*	
32 31 13 13-0671	EA	8' High x 40' Wide Galvanized Cantilever Sliding Gate, Double Track	40,288.77	3,551.41
		For Gate With Single Barb Wire Arm, Add	*3,650.45*	
		For Gate With Double Barb Wire Arm, Add	*5,309.75*	
		For Aluminized Steel Gate And Post, Add	*15,929.25*	
		For Powder Coated Gate And Post, Add	*6,969.05*	
		For Vinyl Coated, Add	*9,955.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0672		**Gate Accessories** *(32 31 13 13-0286)*		
32 31 13 13-0673	EA	3" Wheel Diameter, 1" Wheel Width, Black Rubber, Spring-loaded Gate Caster Note: 100 Lb. max weight capacity	63.63	14.38
32 31 13 13-0674	EA	4" Wheel Diameter, 1-1/4" Wheel Width, Black Rubber, Spring-loaded Gate Caster Note: 225 Lb. max weight capacity	74.14	14.38
32 31 13 13-0675	EA	6" Wheel Diameter, 2" Wheel Width, Black Rubber, Spring-loaded Gate Caster Note: 550 Lb. max weight capacity	141.66	14.38
32 31 13 13-0676	EA	Gate Center Stop, Cast Steel, Ground	39.79	
32 31 13 13-0677	EA	Gate Latch, Malleable Galvanized Steel	51.38	
32 31 13 13-0678	EA	Gate Keeper, Full Length, Galvanized Steel	229.09	
32 31 13 13-0679	EA	Gate Keeper Hold-Open For Cantilever Gate	121.13	22.72
32 31 13 13-0680	EA	Heavy-Duty Gate Latch, Malleable Galvanized Steel	67.96	
32 31 13 13-0681	EA	Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For 3' To 5' High Gate	1,145.44	
32 31 13 13-0682	EA	Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For >5' To 8' High Gate	1,228.20	
32 31 13 13-0683	EA	Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For >8' To 12' High Gate	1,310.96	
32 31 13 13-0684	LF	Aluminum V-Groove Gate Track	62.88	12.68
32 31 13 13-0685	LF	Galvanized Steel V-Groove Gate Track	46.93	12.68
32 31 13 13-0686		**Accessories** *(32 31 13 13)*		
32 31 13 13-0687		**Barbed And Concertina Wire** *(32 31 13 13-0686)*		
32 31 13 13-0688		**Single Strand Barbed Wire** *(32 31 13 13-0687)*		
32 31 13 13-0689	LF	12-1/2 Gauge, 4 Points, 5" O. C., ASTM A121, Class 1, Galvanized Barbed Wire, Per Strand Note: Includes clips. 4 points 12-1/2 Gauge, Class I.	1.34	0.60
		For >500 To 2,000, Deduct	*-0.06*	
		For >2,000 To 5,000, Deduct	*-0.09*	
32 31 13 13-0690	LF	12-1/2 Gauge, 4 Points, 5" O. C., ASTM A121, Class 3, Galvanized Barbed Wire, Per Strand	1.39	0.60
		For >500 To 2,000, Deduct	*-0.06*	
		For >2,000 To 5,000, Deduct	*-0.09*	
32 31 13 13-0691	LF	Vinyl Coated Barbed Wire (Fused), Per Strand Note: Includes clips.	1.50	0.60
		For >500 To 2,000, Deduct	*-0.06*	
		For >2,000 To 5,000, Deduct	*-0.10*	
32 31 13 13-0692	EA	Chain Link 2-1/2" (2-3/8" OD) x 1-5/8", 3 Strand, 45 Degree, Galvanized Steel, Barbed Wire Single Arm Mounted On Top Of Post	18.24	9.56
32 31 13 13-0693	EA	Chain Link 2-1/2" (2-3/8" OD) x 1-5/8", 6 Strand, 45 Degree, Galvanized Steel, Barbed Wire V-Barb Arm Mounted On Top Of Post	30.81	11.47
32 31 13 13-0694	EA	Barbed Wire Eye Tops (For Single Strand) Mounted On Top Of Post	15.46	9.56
32 31 13 13-0695		**Galvanized Steel Concertina (Razor) Wire, Single Coil** *(32 31 13 13-0687)*		
32 31 13 13-0696	LF	18" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	6.13	0.84
		For >500 To 1,500, Deduct	*-0.52*	
		For >1,500 To 5,000, Deduct	*-1.04*	
		For >5,000, Deduct	*-1.47*	
		For Ground Installation, Deduct	*-0.60*	
		For Double Coil (Helix), Add	*4.94*	
32 31 13 13-0697	LF	18" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	9.26	0.84
		For >500 To 1,500, Deduct	*-0.78*	
		For >1,500 To 5,000, Deduct	*-1.57*	
		For >5,000, Deduct	*-2.21*	
		For Ground Installation, Deduct	*-0.90*	
		For Double Coil (Helix), Add	*7.47*	
32 31 13 13-0698	LF	18" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	12.26	0.84
		For >500 To 1,500, Deduct	*-1.04*	
		For >1,500 To 5,000, Deduct	*-2.08*	
		For >5,000, Deduct	*-2.93*	
		For Ground Installation, Deduct	*-1.20*	
		For Double Coil (Helix), Add	*9.87*	
32 31 13 13-0699	LF	24" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	10.62	0.84
		For >500 To 1,500, Deduct	*-0.86*	
		For >1,500 To 5,000, Deduct	*-1.73*	
		For >5,000, Deduct	*-2.39*	
		For Ground Installation, Deduct	*-0.66*	
		For Double Coil (Helix), Add	*9.30*	
32 31 13 13-0700	LF	24" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	16.06	0.84
		For >500 To 1,500, Deduct	*-1.30*	
		For >1,500 To 5,000, Deduct	*-2.61*	
		For >5,000, Deduct	*-3.61*	
		For Ground Installation, Deduct	*-1.00*	
		For Double Coil (Helix), Add	*14.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0701	LF	24" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	21.21	0.84
		For >500 To 1,500, Deduct	*-1.72*	
		For >1,500 To 5,000, Deduct	*-3.45*	
		For >5,000, Deduct	*-4.77*	
		For Ground Installation, Deduct	*-1.32*	
		For Double Coil (Helix), Add	*18.58*	
32 31 13 13-0702	LF	30" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	34.26	0.84
		For >500 To 1,500, Deduct	*-2.64*	
		For >1,500 To 5,000, Deduct	*-5.29*	
		For >5,000, Deduct	*-7.15*	
		For Ground Installation, Deduct	*-0.75*	
		For Double Coil (Helix), Add	*32.77*	
32 31 13 13-0703	LF	30" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	51.86	0.84
		For >500 To 1,500, Deduct	*-4.00*	
		For >1,500 To 5,000, Deduct	*-8.00*	
		For >5,000, Deduct	*-10.82*	
		For Ground Installation, Deduct	*-1.12*	
		For Double Coil (Helix), Add	*49.62*	
32 31 13 13-0704	LF	30" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	68.53	0.84
		For >500 To 1,500, Deduct	*-5.29*	
		For >1,500 To 5,000, Deduct	*-10.58*	
		For >5,000, Deduct	*-14.30*	
		For Ground Installation, Deduct	*-1.50*	
		For Double Coil (Helix), Add	*65.54*	

32 31 13 13-0705 Stainless Steel Concertina (Razor) Wire, Single Coil *(32 31 13 13-0687)*

32 31 13 13-0706	LF	18" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	11.50	0.84
		For >500 To 1,500, Deduct	*-0.92*	
		For >1,500 To 5,000, Deduct	*-1.84*	
		For >5,000, Deduct	*-2.54*	
		For Ground Installation, Deduct	*-0.60*	
		For Double Coil (Helix), Add	*10.31*	
32 31 13 13-0707	LF	18" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	17.39	0.84
		For >500 To 1,500, Deduct	*-1.39*	
		For >1,500 To 5,000, Deduct	*-2.79*	
		For >5,000, Deduct	*-3.84*	
		For Ground Installation, Deduct	*-0.90*	
		For Double Coil (Helix), Add	*15.60*	
32 31 13 13-0708	LF	18" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	23.00	0.84
		For >500 To 1,500, Deduct	*-1.84*	
		For >1,500 To 5,000, Deduct	*-3.69*	
		For >5,000, Deduct	*-5.08*	
		For Ground Installation, Deduct	*-1.20*	
		For Double Coil (Helix), Add	*20.61*	
32 31 13 13-0709	LF	24" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	15.18	0.84
		For >500 To 1,500, Deduct	*-1.20*	
		For >1,500 To 5,000, Deduct	*-2.41*	
		For >5,000, Deduct	*-3.30*	
		For Ground Installation, Deduct	*-0.66*	
		For Double Coil (Helix), Add	*13.86*	
32 31 13 13-0710	LF	24" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	22.96	0.84
		For >500 To 1,500, Deduct	*-1.82*	
		For >1,500 To 5,000, Deduct	*-3.64*	
		For >5,000, Deduct	*-4.99*	
		For Ground Installation, Deduct	*-1.00*	
		For Double Coil (Helix), Add	*20.97*	
32 31 13 13-0711	LF	24" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	30.32	0.84
		For >500 To 1,500, Deduct	*-2.41*	
		For >1,500 To 5,000, Deduct	*-4.81*	
		For >5,000, Deduct	*-6.59*	
		For Ground Installation, Deduct	*-1.32*	
		For Double Coil (Helix), Add	*27.69*	
32 31 13 13-0712	LF	30" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	51.50	0.84
		For >500 To 1,500, Deduct	*-3.94*	
		For >1,500 To 5,000, Deduct	*-7.87*	
		For >5,000, Deduct	*-10.60*	
		For Ground Installation, Deduct	*-0.75*	
		For Double Coil (Helix), Add	*50.01*	
32 31 13 13-0713	LF	30" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	77.98	0.84
		For >500 To 1,500, Deduct	*-5.96*	
		For >1,500 To 5,000, Deduct	*-11.92*	
		For >5,000, Deduct	*-16.04*	
		For Ground Installation, Deduct	*-1.12*	
		For Double Coil (Helix), Add	*75.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0714	LF	30" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	103.00	0.84
		For >500 To 1,500, Deduct	*-7.87*	
		For >1,500 To 5,000, Deduct	*-15.75*	
		For >5,000, Deduct	*-21.20*	
		For Ground Installation, Deduct	*-1.50*	
		For Double Coil (Helix), Add	*100.01*	

32 31 13 13-0715 Grounding For Gates *(32 31 13 13-0686)*

Note: Includes two of each of the following per opening: 5/8 ground rods, clamps, braided straps and #6 bare copper wire.

32 31 13 13-0716	OPNG	Grounding For Gates Note: Per opening	539.80	

32 31 13 13-0717 Coiled Spring Reinforcing Wire *(32 31 13 13-0686)*

32 31 13 13-0718 Galvanized Steel *(32 31 13 13-0717)*

32 31 13 13-0719	LF	7 Gauge, Galvanized Steel, Reinforcing Wire Coiled Spring	1.42	0.60

32 31 13 13-0720 Vinyl Coated Steel *(32 31 13 13-0717)*

32 31 13 13-0721	LF	9 Gauge, Vinyl Coated Steel, Reinforcing Wire Coiled Spring	1.41	0.60

32 31 13 13-0722 Bending Of Fabric Around Pipe Railings *(32 31 13 13-0686)*

Note: Only where specified.

32 31 13 13-0723	LF	Bend Chain Link Fence Fabric Around Pipe Railing, Top	1.87	
32 31 13 13-0724	LF	Bend Chain Link Fence Fabric Around Pipe Railing, Bottom	1.63	

32 31 13 13-0725 Mounting Plate With Anchors Or Bolts *(32 31 13 13-0686)*

Note: For drilling for anchor or bolts, installing post on or against flat surface.

32 31 13 13-0726	EA	Mounting Plate For 1-5/8" Diameter Post	51.12	
32 31 13 13-0727	EA	Mounting Plate For 2" Diameter Post	51.94	
32 31 13 13-0728	EA	Mounting Plate For 2-1/2" Diameter Post	53.44	
32 31 13 13-0729	EA	Mounting Plate For 3" Diameter Post	64.27	
32 31 13 13-0730	EA	Mounting Plate For 4" Diameter Post	73.84	
32 31 13 13-0731	EA	Mounting Plate For 6-5/8" Diameter Post	85.46	
32 31 13 13-0732	EA	Mounting Plate For 8-5/8" Diameter Post	100.68	

32 31 13 13-0733 Tension Bar *(32 31 13 13-0686)*

32 31 13 13-0734	EA	3' Long x 5/8" Wide x 3/16" Thick Galvanized Steel Tension Bar	20.12	
32 31 13 13-0735	EA	3-1/2' Long x 5/8" Wide x 3/16" Thick Galvanized Steel Tension Bar	21.43	
32 31 13 13-0736	EA	4' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	26.70	
32 31 13 13-0737	EA	5' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	31.04	
32 31 13 13-0738	EA	6' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	36.83	
32 31 13 13-0739	EA	7' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	42.88	
32 31 13 13-0740	EA	8' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	48.53	
32 31 13 13-0741	EA	9' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	58.46	
32 31 13 13-0742	EA	10' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	70.01	

32 31 13 13-0743 Fence And Gate Repair And Replacement *(32 31 13 13)*

32 31 13 13-0744 Fence And Gate Parts Replacement *(32 31 13 13-0743)*

32 31 13 13-0745	EA	Cantilever Roller Assembly, Ball Bearing With Fittings, Replacement	147.15	
32 31 13 13-0746	EA	Sliding Gate Roller Assembly Replacement	144.84	
32 31 13 13-0747	EA	Rod And Lock Gate Keeper Replacement	146.14	
32 31 13 13-0748	EA	Galvanized Gate Holdback Replacement	32.43	
32 31 13 13-0749	LF	3/8" Cross Bracing Rod Replacement	1.87	
32 31 13 13-0750	LF	1-5/8" Diagonal Pipe Bracing Replacement	2.91	
32 31 13 13-0751	EA	2-3/8" To 2-1/2" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	29.41	
32 31 13 13-0752	EA	2-7/8" To 3" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	33.74	
32 31 13 13-0753	EA	3-1/2" To 4" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	38.14	
32 31 13 13-0754	EA	4-1/2" To 5" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement Note: 180 degree commercial malleable	41.28	
32 31 13 13-0755	EA	5-9/16" To 6" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement Note: 180 degree commercial malleable	49.05	
32 31 13 13-0756	EA	6-1/2" To 6-5/8" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	56.34	
32 31 13 13-0757	EA	8-5/8" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	93.07	
32 31 13 13-0758	EA	2-1/2" x 2" Off Set Gate Hinge Replacement	30.28	
32 31 13 13-0759	EA	3" x 2" Off Set Gate Hinge Replacement	31.62	
32 31 13 13-0760	EA	4" x 2" Off Set Gate Hinge Replacement	33.73	
32 31 13 13-0761	EA	6-5/8" x 2" Off Set Gate Hinge Replacement	54.83	
32 31 13 13-0762	EA	8-5/8" x 2" Off Set Gate Hinge Replacement	86.07	
32 31 13 13-0763	EA	1-5/8" Aluminum Die-Cast Post Cap Replacement	6.82	
32 31 13 13-0764	EA	2" Aluminum Die-Cast Post Cap Replacement	7.50	
32 31 13 13-0765	EA	2-1/2" Aluminum Die-Cast Post Cap Replacement	8.76	
32 31 13 13-0766	EA	3" Aluminum Die-Cast Post Cap Replacement	10.22	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0767	EA	2" Galvanized Post Cap Replacement	7.56	
32 31 13 13-0768	EA	2-1/2" Galvanized Post Cap Replacement	8.18	
32 31 13 13-0769	EA	3" Galvanized Post Cap Replacement	9.36	
32 31 13 13-0770	EA	4" Galvanized Post Cap Replacement	13.84	
32 31 13 13-0771	EA	6-5/8" Galvanized Post Cap Replacement	25.85	
32 31 13 13-0772	EA	8-5/8" Galvanized Post Cap Replacement	42.35	
32 31 13 13-0773	EA	1-5/8" Boulevard Clamp Replacement	12.63	
32 31 13 13-0774	EA	2" Boulevard Clamp Replacement	15.38	
32 31 13 13-0775	EA	2-1/2" Boulevard Clamp Replacement	18.05	
32 31 13 13-0776	EA	3" Boulevard Clamp Replacement	21.90	
32 31 13 13-0777	EA	1-5/8" Gate Brace Or End Rail Clamp Replacement	12.38	
32 31 13 13-0778	EA	2" Gate Brace Or End Rail Clamp Replacement	15.05	
32 31 13 13-0779	EA	2-1/2" Gate Brace Or End Rail Clamp Replacement	17.71	
32 31 13 13-0780	EA	3" Gate Brace Or End Rail Clamp Replacement	21.54	
32 31 13 13-0781	EA	1-3/8" Heavy-Duty Galvanized Tension Band With Bolt, Replacement	13.00	
32 31 13 13-0782	EA	1-5/8" Heavy-Duty Galvanized Tension Band With Bolt, Replacement	13.11	
32 31 13 13-0783	EA	2" Heavy-Duty Galvanized Tension Band With Bolt, Replacement	13.40	
32 31 13 13-0784	EA	2-1/2" Heavy-Duty Galvanized Tension Band With Bolt, Replacement	13.27	
32 31 13 13-0785	EA	3" Heavy-Duty Galvanized Tension Band With Bolt, Replacement	13.49	
32 31 13 13-0786	EA	3-1/2" Heavy-Duty Galvanized Tension Band With Bolt, Replacement	13.66	
32 31 13 13-0787	EA	4" Heavy-Duty Galvanized Tension Band With Bolt, Replacement	14.18	
32 31 13 13-0788	EA	6-5/8" Heavy-Duty Galvanized Tension Band With Bolt, Replacement	17.95	
32 31 13 13-0789	EA	6" x 6" Wheel, Roller Gate Wheel Carrier, Replacement	83.89	
32 31 13 13-0790	EA	8" x 6" Wheel, Roller Gate Wheel Carrier, Replacement	94.97	
32 31 13 13-0791	EA	12" x 8" Wheel, Roller Gate Wheel Carrier, Replacement	111.58	
32 31 13 13-0792	EA	Heavy Malleable Cast Rolling Gate Track Wheel, Replacement	86.65	

32 31 13 13-0793 Removal And Reinstallation Of Chain Link Fences *(32 31 13 13)*

Note: Includes removal, storage, cleaning and reinstallation of fence fabric, rails and other components. Excludes post work. See CSI section 32 31 13 13-0001 for new post holes where required, 32 31 13 13-0058 for new fence posts where required.

32 31 13 13-0794	LF	Removal And Reinstallation Of Chain Link Fence Up To 5' Height	23.91	
32 31 13 13-0795	LF	Removal And Reinstallation Of Chain Link Fence 6' To 12' Height	35.86	

32 31 13 13-0796 Ballfield Fencing *(32 31 13 13)*

See CSI section 32 31 13 13-0001 for auguring holes and concrete.

32 31 13 13-0797 Concrete Bases For Ballfield Poles, Cast In Place *(32 31 13 13-0796)*

Note: Includes excavation/drilling, concrete, reinforcement, forms for exposed base, anchors/supports and backfill.

32 31 13 13-0798	VLF	2-1/2' Diameter Concrete Base For Ballfield Poles	145.26	
32 31 13 13-0799	VLF	3' Diameter Concrete Base For Ballfield Poles	171.64	
32 31 13 13-0800	VLF	3-1/2' Diameter Concrete Base For Ballfield Poles	215.79	
32 31 13 13-0801	VLF	4' Diameter Concrete Base For Ballfield Poles	255.29	

32 31 13 13-0802 Ballfield Poles *(32 31 13 13-0796)*

32 31 13 13-0803	EA	20' Galvanized Steel Pole, 24" Diameter At Base For Ballfield Netting Note: 10' above grade	8,576.21	733.97
32 31 13 13-0804	EA	25' Galvanized Steel Pole, 24" Diameter At Base For Ballfield Netting Note: 15' above grade	10,638.64	917.46
32 31 13 13-0805	EA	30' Galvanized Steel Pole, 24" Diameter At Base For Ballfield Netting Note: 20' above grade	12,227.65	1,100.95
32 31 13 13-0806	EA	40' Galvanized Steel Pole, 24" Diameter At Base For Ballfield Netting Note: 30' above grade	16,435.62	1,284.44
32 31 13 13-0807	EA	50' Galvanized Steel Pole, 24" Diameter At Base For Ballfield Netting Note: 40' above grade	22,021.86	1,467.94
32 31 13 13-0808	EA	60' Galvanized Steel Pole, 24" Diameter At Base For Ballfield Netting Note: 50' above grade	24,609.01	1,651.43

32 31 13 13-0809 Ballfield Nylon Netting *(32 31 13 13-0796)*

Note: Excludes fastening clips and cabeling See CSI section 05 15 00 00-0000 for cabling and accessories.

32 31 13 13-0810	LF	10' High, #18 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting	1.82	
32 31 13 13-0811	LF	10' High, #21 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting	1.87	
32 31 13 13-0812	LF	10' High, #36 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting	2.10	
32 31 13 13-0813	LF	10' High, #42 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting	2.38	
32 31 13 13-0814	LF	10' High, #48 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting	2.64	
32 31 13 13-0815	LF	10' High, #60 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting	3.52	
32 31 13 13-0816	LF	10' High, #72 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting	4.00	
32 31 13 13-0817	LF	10' High, #96 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting	5.21	

32 31 13 13-0818 Ballfield Chainlink Netting *(32 31 13 13-0796)*

Note: Excludes fastening clips and cabeling See CSI section 05 15 00 00-0000 for cabling and accessories.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0819	SF	#9 Gauge Chain Link Fabric, 2" Mesh For Ballfield Netting	3.94	1.26
		For 13 Gauge Fabric, Deduct	*-0.63*	
		For 11 Gauge Fabric, Deduct	*-0.35*	
		For 6 Gauge Fabric, Add	*1.13*	
		For 1" Mesh Fabric, Add	*1.06*	
		For 1-3/4" Mesh Fabric, Add	*0.42*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.21*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.28*	
32 31 13 13-0820		Ballfield Netting Accessories *(32 31 13 13-0796)*		
32 31 13 13-0821	EA	Sliding Clip For Ballfield Netting	8.97	
32 31 13 13-0822	EA	1/4" Utility Spring Swing Clip For Ballfield Netting	4.01	
32 31 13 13-0823	EA	5/16" Utility Spring Swing Clip For Ballfield Netting	4.22	
32 31 13 13-0824	EA	3/8" Utility Spring Swing Clip For Ballfield Netting	4.54	
32 31 13 33		**Chain Link Backstops** *(32 31 13)*		
32 31 13 33-0001		Regulation Baseball Backstop *(32 31 13 33)*		
		See CSI section 32 31 13 13-0001 for auguring holes and concrete.		
32 31 13 33-0002	EA	20'-6" Wide x 13' High Baseball Backstop Prefabricated With Hood, Galvanized	14,590.85	2,363.28
32 31 13 33-0003	EA	34' Wide x 17'-6" High Baseball Backstop Prefabricated With Hood, Galvanized	21,055.69	3,151.04
32 31 13 33-0004	EA	48'-3-1/2" Wide x 24' High Baseball Backstop Prefabricated With Hood, Galvanized	26,845.49	3,676.21
32 31 13 33-0005	EA	20'-6" Wide x 13' High Baseball Backstop Prefabricated With Hood, Vinyl Coated	20,511.74	2,363.28
32 31 13 33-0006	EA	34' Wide x 17'-6" High Baseball Backstop Prefabricated With Hood, Vinyl Coated	29,915.22	3,151.04
32 31 13 33-0007	EA	48'-3-1/2" Wide x 24' High Baseball Backstop Prefabricated With Hood, Vinyl Coated	38,537.01	3,676.21
32 31 13 33-0008	SF	2" Thick Polyethylene Foam, 18 Oz Vinyl Cover, Padding Installed On Chain Link Backstop	15.68	
32 31 13 33-0009	SF	3" Thick Polyethylene Foam, 18 Oz Vinyl Cover, Padding Installed On Chain Link Backstop	18.71	
32 31 13 33-0010		Regulation Softball Backstop *(32 31 13 33)*		
		See CSI section 32 31 13 13-0001 for auguring holes and concrete.		
32 31 13 33-0011		14' High Softball Backstop *(32 31 13 33-0010)*		
		Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
32 31 13 33-0012	EA	14' Softball Backstop, Galvanized Regulation	12,567.72	2,470.51
32 31 13 33-0013	EA	14' Softball Backstop, Vinyl Coated Regulation	16,814.27	2,470.51
32 31 13 33-0014		18' High Softball Backstop *(32 31 13 33-0010)*		
		Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
32 31 13 33-0015	EA	18' Softball Backstop, Galvanized Regulation	14,665.01	2,746.52
32 31 13 33-0016	EA	18' Softball Backstop Vinyl Coated Regulation	19,801.97	2,746.52
32 31 13 33-0017		20' High Softball Backstop *(32 31 13 33-0010)*		
		Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
32 31 13 33-0018	EA	20' Softball Backstop, Galvanized Regulation	16,594.95	2,895.83
32 31 13 33-0019	EA	20' Softball Backstop, Vinyl Coated Regulation	22,690.88	2,895.83
32 31 13 33-0020		22' High Softball Backstop *(32 31 13 33-0010)*		
		Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
32 31 13 33-0021	EA	22' Softball Backstop, Galvanized Regulation	19,102.16	2,983.19
32 31 13 33-0022	EA	22' Softball Backstop, Vinyl Coated Regulation	26,430.90	2,983.19
32 31 13 33-0023		24' High Softball Backstop *(32 31 13 33-0010)*		
		Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
32 31 13 33-0024	EA	24' Softball Backstop, Galvanized Regulation	22,718.74	3,409.36
32 31 13 33-0025	EA	24' Softball Backstop, Vinyl Coated Regulation	31,828.29	3,409.36
32 31 16		**Welded Wire Fences and Gates** *(32 31)*		
32 31 16 00-0001		Welded Wire Fence *(32 31 16)*		
32 31 16 00-0002		12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh *(32 31 16 00-0001)*		
		Note: Posts 5' on center.		
32 31 16 00-0003	LF	3' High, 12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh, Posts At 5'	11.57	2.10
32 31 16 00-0004	LF	5' High, 12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh, Posts At 5'	12.45	2.10
32 31 16 00-0005		14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh *(32 31 16 00-0001)*		
		Note: Posts 5' on center.		
32 31 16 00-0006	LF	3' High, 14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh, Posts At 5'	11.39	2.10
32 31 16 00-0007	LF	5' High, 14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh, Posts At 5'	12.17	2.10

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 31 19 Decorative Metal Fences and Gates *(32 31)*

See CSI section 32 31 13 13-0001 for drilling and grouting.

32 31 19 00-0001 Wrought Iron Fence *(32 31 19)*

Note: Factory primed.

32 31 19 00-0002 Wrought Iron Fence, 3/4" Verticals At >3" To 4" On Center *(32 31 19 00-0001)*

Note: Factory primed 8 foot long panel sections.

32 31 19 00-0003	LF	3' High Wrought Iron Fence, 3/4" Square Solid Verticals At >3" To 4" On Center With 2" Square Posts, Set 8' On Center	58.72	13.15
		For 6' Length Fence Panels With Posts Set 6' O.C., Add	*10.65*	
		For Verticals Up To 2" On Center, Add	*10.37*	
		For Verticals >2" To 2-1/2" On Center, Add	*6.48*	
		For Verticals >2-1/2" To 3" On Center, Add	*2.59*	
		For Verticals >4" To 6" On Center, Deduct	*-2.92*	
		For Pickets Extending Above Top Rail, Add	*5.37*	
		For Curved Pickets Extending Above Top Rail, Add	*12.51*	
32 31 19 00-0004	LF	4' High Wrought Iron Fence, 3/4" Square Solid Verticals At >3" To 4" On Center With 2" Square Posts, Set 8' On Center	75.27	16.74
		For 6' Length Fence Panels With Posts Set 6' O.C., Add	*13.55*	
		For Verticals Up To 2" On Center, Add	*13.75*	
		For Verticals >2" To 2-1/2" On Center, Add	*8.60*	
		For Verticals >2-1/2" To 3" On Center, Add	*3.44*	
		For Verticals >4" To 6" On Center, Deduct	*-3.87*	
		For Pickets Extending Above Top Rail, Add	*6.99*	
		For Curved Pickets Extending Above Top Rail, Add	*16.39*	
32 31 19 00-0005	LF	5' High Wrought Iron Fence, 3/4" Square Solid Verticals At >3" To 4" On Center With 2" Square Posts, Set 8' On Center	89.34	17.46
		For 6' Length Fence Panels With Posts Set 6' O.C., Add	*15.86*	
		For Verticals Up To 2" On Center, Add	*17.34*	
		For Verticals >2" To 2-1/2" On Center, Add	*10.84*	
		For Verticals >2-1/2" To 3" On Center, Add	*4.34*	
		For Verticals >4" To 6" On Center, Deduct	*-4.88*	
		For Pickets Extending Above Top Rail, Add	*8.53*	
		For Curved Pickets Extending Above Top Rail, Add	*20.25*	
32 31 19 00-0006	LF	6' High Wrought Iron Fence, 3/4" Square Solid Verticals At >3" To 4" On Center With 2" Square Posts, Set 8' On Center	108.15	21.04
		For 6' Length Fence Panels With Posts Set 6' O.C., Add	*19.18*	
		For Verticals Up To 2" On Center, Add	*21.11*	
		For Verticals >2" To 2-1/2" On Center, Add	*13.19*	
		For Verticals >2-1/2" To 3" On Center, Add	*5.28*	
		For Verticals >4" To 6" On Center, Deduct	*-5.94*	
		For Pickets Extending Above Top Rail, Add	*10.36*	
		For Curved Pickets Extending Above Top Rail, Add	*24.60*	
32 31 19 00-0007	LF	7' High Wrought Iron Fence, 3/4" Square Solid Verticals At >3" To 4" On Center With 2" Square Posts, Set 8' On Center	126.52	22.26
		For 6' Length Fence Panels With Posts Set 6' O.C., Add	*22.10*	
		For Verticals Up To 2" On Center, Add	*26.24*	
		For Verticals >2" To 2-1/2" On Center, Add	*16.40*	
		For Verticals >2-1/2" To 3" On Center, Add	*6.56*	
		For Verticals >4" To 6" On Center, Deduct	*-7.38*	
		For Pickets Extending Above Top Rail, Add	*12.48*	
		For Curved Pickets Extending Above Top Rail, Add	*29.99*	
32 31 19 00-0008	LF	8' High Wrought Iron Fence, 3/4" Square Solid Verticals At >3" To 4" On Center With 3" Square Posts, Set 8' On Center	144.89	23.43
		For 6' Length Fence Panels With Posts Set 6' O.C., Add	*25.01*	
		For Verticals Up To 2" On Center, Add	*31.37*	
		For Verticals >2" To 2-1/2" On Center, Add	*19.60*	
		For Verticals >2-1/2" To 3" On Center, Add	*7.84*	
		For Verticals >4" To 6" On Center, Deduct	*-8.82*	
		For Pickets Extending Above Top Rail, Add	*14.60*	
		For Curved Pickets Extending Above Top Rail, Add	*35.37*	
32 31 19 00-0009	LF	10' High Wrought Iron Fence, 3/4" Square Solid Verticals At >3" To 4" On Center With 3" Square Posts, Set 8' On Center	176.07	26.30
		For 6' Length Fence Panels With Posts Set 6' O.C., Add	*30.09*	
		For Verticals Up To 2" On Center, Add	*39.51*	
		For Verticals >2" To 2-1/2" On Center, Add	*24.69*	
		For Verticals >2-1/2" To 3" On Center, Add	*9.88*	
		For Verticals >4" To 6" On Center, Deduct	*-11.11*	
		For Pickets Extending Above Top Rail, Add	*18.06*	
		For Curved Pickets Extending Above Top Rail, Add	*44.07*	
32 31 19 00-0010	LF	12' High Wrought Iron Fence, 3/4" Square Solid Verticals At >3" To 4" On Center With 3" Square Posts, Set 8' On Center	208.03	29.89
		For 6' Length Fence Panels With Posts Set 6' O.C., Add	*35.39*	
		For Verticals Up To 2" On Center, Add	*47.44*	
		For Verticals >2" To 2-1/2" On Center, Add	*29.65*	
		For Verticals >2-1/2" To 3" On Center, Add	*11.86*	
		For Verticals >4" To 6" On Center, Deduct	*-13.34*	
		For Pickets Extending Above Top Rail, Add	*21.52*	
		For Curved Pickets Extending Above Top Rail, Add	*52.66*	

32 31 19 00-0011 Wrought Iron Gates *(32 31 19 00-0001)*

Note: Factory primed.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0012		**Single Wrought Iron Gates** *(32 31 19 00-0011)* Note: Factory primed.		
32 31 19 00-0013	LF	3' Single Wrought Iron Gate, Hardware And Associated Trim	72.27	16.02
32 31 19 00-0014	LF	4' Single Wrought Iron Gate, Hardware And Associated Trim	94.83	19.85
32 31 19 00-0015	LF	5' Single Wrought Iron Gate, Hardware And Associated Trim	115.79	23.91
32 31 19 00-0016	LF	6' Single Wrought Iron Gate, Hardware And Associated Trim	140.69	28.69
32 31 19 00-0017	LF	8' Single Wrought Iron Gate, Hardware And Associated Trim	188.16	31.80
32 31 19 00-0018	LF	10' Single Wrought Iron Gate, Hardware And Associated Trim	227.50	35.15
32 31 19 00-0019	LF	12' Single Wrought Iron Gate, Hardware And Associated Trim	266.10	39.93
32 31 19 00-0020		**Double Wrought Iron Gates** *(32 31 19 00-0011)* Note: Factory primed.		
32 31 19 00-0021	LF	3' Double Wrought Iron Gate, Hardware And Associated Trim	88.30	14.34
32 31 19 00-0022	LF	4' Double Wrought Iron Gate, Hardware And Associated Trim	115.89	17.94
32 31 19 00-0023	LF	5' Double Wrought Iron Gate, Hardware And Associated Trim	140.91	21.52
32 31 19 00-0024	LF	6' Double Wrought Iron Gate, Hardware And Associated Trim	170.73	25.82
32 31 19 00-0025	LF	8' Double Wrought Iron Gate, Hardware And Associated Trim	229.40	28.69
32 31 19 00-0026	LF	10' Double Wrought Iron Gate, Hardware And Associated Trim	277.83	31.56
32 31 19 00-0027	LF	12' Double Wrought Iron Gate, Hardware And Associated Trim	325.53	35.86
32 31 19 00-0028		**Repair Or Replace Wrought Iron Fence** *(32 31 19 00-0001)*		
32 31 19 00-0029	LF	Removal And Replacement Of Wrought Iron Picket	23.37	
32 31 19 00-0030	LF	Removal And Replacement Of Wrought Iron Post	34.78	
32 31 19 00-0031	EA	Straighten Wrought Iron Post	95.64	
32 31 19 00-0032		**Steel Tube Fence, Powder Coated** *(32 31 19)* Note: Pickets are 3/4" square x 16 gauge.		
32 31 19 00-0033		**Steel Tube Fence, With Two 1" Square, 16 Gauge Rails** *(32 31 19 00-0032)* Note: 6 foot long panel sections.		
32 31 19 00-0034	LF	3' Steel Tube Fence, 3/4" Square, 16 GA, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	84.64	13.15
		For Verticals Up To 2" On Center, Add	*11.77*	
		For Verticals >2" To 2-1/2" On Center, Add	*5.89*	
		For Verticals >3" To 4" On Center, Deduct	*-5.89*	
		For Verticals >4" To 6" On Center, Deduct	*-11.77*	
		For Pickets Extending Above Top Rail, Add	*6.29*	
		For Curved Pickets Extending Above Top Rail, Add	*11.06*	
		For Solid Pickets, Add	*17.11*	
		For Aluminum With Satin Finish, Add	*13.80*	
		For Third Rail, Add	*4.42*	
		For 1" Square x 14 Gauge Pickets, Add	*14.72*	
		For 3" Square Posts, Add	*7.36*	
32 31 19 00-0035	LF	3'-6" Steel Tube Fence, 3/4" Square, 16 GA, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	90.58	14.06
		For Verticals Up To 2" On Center, Add	*12.49*	
		For Verticals >2" To 2-1/2" On Center, Add	*6.25*	
		For Verticals >3" To 4" On Center, Deduct	*-6.25*	
		For Verticals >4" To 6" On Center, Deduct	*-12.49*	
		For Pickets Extending Above Top Rail, Add	*6.72*	
		For Curved Pickets Extending Above Top Rail, Add	*11.79*	
		For Solid Pickets, Add	*18.27*	
		For Aluminum With Satin Finish, Add	*14.52*	
		For Third Rail, Add	*4.68*	
		For 1" Square x 14 Gauge Pickets, Add	*15.62*	
		For 3" Square Posts, Add	*7.81*	
32 31 19 00-0036	LF	4' Steel Tube Fence, 3/4" Square, 16 GA, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	95.85	15.55
		For Verticals Up To 2" On Center, Add	*13.08*	
		For Verticals >2" To 2-1/2" On Center, Add	*6.54*	
		For Verticals >3" To 4" On Center, Deduct	*-6.54*	
		For Verticals >4" To 6" On Center, Deduct	*-13.08*	
		For Pickets Extending Above Top Rail, Add	*7.08*	
		For Curved Pickets Extending Above Top Rail, Add	*12.42*	
		For Solid Pickets, Add	*19.28*	
		For Aluminum With Satin Finish, Add	*15.05*	
		For Third Rail, Add	*4.90*	
		For 1" Square x 14 Gauge Pickets, Add	*16.35*	
		For 3" Square Posts, Add	*8.17*	
32 31 19 00-0037	LF	5' Steel Tube Fence, 3/4" Square, 16 GA, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	102.18	17.46
		For Verticals Up To 2" On Center, Add	*13.41*	
		For Verticals >2" To 2-1/2" On Center, Add	*6.70*	
		For Verticals >3" To 4" On Center, Deduct	*-6.70*	
		For Verticals >4" To 6" On Center, Deduct	*-13.41*	
		For Pickets Extending Above Top Rail, Add	*7.46*	
		For Curved Pickets Extending Above Top Rail, Add	*13.03*	
		For Solid Pickets, Add	*20.35*	
		For Aluminum With Satin Finish, Add	*14.84*	
		For Third Rail, Add	*5.03*	
		For 1" Square x 14 Gauge Pickets, Add	*16.76*	
		For 3" Square Posts, Add	*8.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0038	LF	6' Steel Tube Fence, 3/4" Square, 16 GA, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	118.45	19.72
		For Verticals Up To 2" On Center, Add	*15.80*	
		For Verticals >2" To 2-1/2" On Center, Add	*7.90*	
		For Verticals >3" To 4" On Center, Deduct	*-7.90*	
		For Verticals >4" To 6" On Center, Deduct	*-15.80*	
		For Pickets Extending Above Top Rail, Add	*8.69*	
		For Curved Pickets Extending Above Top Rail, Add	*15.20*	
		For Solid Pickets, Add	*23.69*	
		For Aluminum With Satin Finish, Add	*17.78*	
		For Third Rail, Add	*5.93*	
		For 1" Square x 14 Gauge Pickets, Add	*19.75*	
		For 3" Square Posts, Add	*9.88*	
32 31 19 00-0039	LF	7' Steel Tube Fence, 3/4" Square, 16 GA, Verticals At >2-1/2" To 3" On Center With 3" Square Posts	135.58	21.52
		For Verticals Up To 2" On Center, Add	*18.51*	
		For Verticals >2" To 2-1/2" On Center, Add	*9.26*	
		For Verticals >3" To 4" On Center, Deduct	*-9.26*	
		For Verticals >4" To 6" On Center, Deduct	*-18.51*	
		For Pickets Extending Above Top Rail, Add	*10.02*	
		For Curved Pickets Extending Above Top Rail, Add	*17.57*	
		For Solid Pickets, Add	*27.28*	
		For Aluminum With Satin Finish, Add	*21.31*	
		For Third Rail, Add	*6.94*	
		For 1" Square x 14 Gauge Pickets, Add	*23.14*	
		For 4" Square Posts, Add	*32.39*	
32 31 19 00-0040	LF	8' Steel Tube Fence, 3/4" Square, 16 GA, Verticals At >2-1/2" To 3" On Center With 3" Square Posts	152.98	23.43
		For Verticals Up To 2" On Center, Add	*21.22*	
		For Verticals >2" To 2-1/2" On Center, Add	*10.61*	
		For Verticals >3" To 4" On Center, Deduct	*-10.61*	
		For Verticals >4" To 6" On Center, Deduct	*-21.22*	
		For Pickets Extending Above Top Rail, Add	*11.36*	
		For Curved Pickets Extending Above Top Rail, Add	*19.96*	
		For Solid Pickets, Add	*30.91*	
		For Aluminum With Satin Finish, Add	*24.80*	
		For Third Rail, Add	*7.96*	
		For 1" Square x 14 Gauge Pickets, Add	*26.53*	
		For 4" Square Posts, Add	*37.14*	
32 31 19 00-0041	LF	9' Steel Tube Fence, 3/4" Square, 16 GA, Verticals At >2-1/2" To 3" On Center With 3" Square Posts	177.80	25.11
		For Verticals Up To 2" On Center, Add	*25.52*	
		For Verticals >2" To 2-1/2" On Center, Add	*12.76*	
		For Verticals >3" To 4" On Center, Deduct	*-12.76*	
		For Verticals >4" To 6" On Center, Deduct	*-25.52*	
		For Pickets Extending Above Top Rail, Add	*13.36*	
		For Curved Pickets Extending Above Top Rail, Add	*23.54*	
		For Solid Pickets, Add	*36.24*	
		For Aluminum With Satin Finish, Add	*30.75*	
		For Third Rail, Add	*9.57*	
		For 1" Square x 14 Gauge Pickets, Add	*31.90*	
		For 4" Square Posts, Add	*44.66*	
32 31 19 00-0042	LF	10' Steel Tube Fence, 3/4" Square, 16 GA, Verticals At >2-1/2" To 3" On Center With 4" Square Posts	202.87	26.89
		For Verticals Up To 2" On Center, Add	*29.81*	
		For Verticals >2" To 2-1/2" On Center, Add	*14.91*	
		For Verticals >3" To 4" On Center, Deduct	*-14.91*	
		For Verticals >4" To 6" On Center, Deduct	*-29.81*	
		For Pickets Extending Above Top Rail, Add	*15.36*	
		For Curved Pickets Extending Above Top Rail, Add	*27.14*	
		For Solid Pickets, Add	*41.61*	
		For Aluminum With Satin Finish, Add	*36.65*	
		For Third Rail, Add	*11.18*	
		For 1" Square x 14 Gauge Pickets, Add	*37.27*	
		For 6" Square Posts, Add	*52.17*	
32 31 19 00-0043	LF	12' Steel Tube Fence, 3/4" Square, 16 GA, Verticals At >2-1/2" To 3" On Center With 4" Square Posts	238.92	29.89
		For Verticals Up To 2" On Center, Add	*35.83*	
		For Verticals >2" To 2-1/2" On Center, Add	*17.91*	
		For Verticals >3" To 4" On Center, Deduct	*-17.91*	
		For Verticals >4" To 6" On Center, Deduct	*-35.83*	
		For Pickets Extending Above Top Rail, Add	*18.22*	
		For Curved Pickets Extending Above Top Rail, Add	*32.25*	
		For Solid Pickets, Add	*49.27*	
		For Aluminum With Satin Finish, Add	*44.78*	
		For Third Rail, Add	*13.44*	
		For 1" Square x 14 Gauge Pickets, Add	*44.79*	
		For 6" Square Posts, Add	*62.70*	
32 31 19 00-0044	LF	14' Steel Tube Fence, 3/4" Square, 16 GA, Verticals At >2-1/2" To 3" On Center With 4" Square Posts	255.93	32.28
		For Verticals Up To 2" On Center, Add	*38.27*	
		For Verticals >2" To 2-1/2" On Center, Add	*19.14*	
		For Verticals >3" To 4" On Center, Deduct	*-19.14*	
		For Verticals >4" To 6" On Center, Deduct	*-38.27*	
		For Pickets Extending Above Top Rail, Add	*19.49*	
		For Curved Pickets Extending Above Top Rail, Add	*34.50*	
		For Solid Pickets, Add	*52.74*	
		For Aluminum With Satin Finish, Add	*47.73*	
		For Third Rail, Add	*14.35*	
		For 1" Square x 14 Gauge Pickets, Add	*47.84*	
		For 6" Square Posts, Add	*66.98*	

32 31 19 00-0045 Steel Tube Swing Gates *(32 31 19 00-0032)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0046		3' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)*		
32 31 19 00-0047	EA	3' Wide x 3' High Steel Tube Single Swing Gate	771.97	25.46
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*167.95*	
		For Aluminum With Satin Finish, Add	*197.16*	
		For Third Rail, Add	*52.16*	
		For 1" Square x 14 Gauge Pickets, Add	*69.55*	
32 31 19 00-0048	EA	3'-6" Wide x 3' High Steel Tube Single Swing Gate	858.48	26.66
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*187.15*	
		For Aluminum With Satin Finish, Add	*221.50*	
		For Third Rail, Add	*58.38*	
		For 1" Square x 14 Gauge Pickets, Add	*77.84*	
32 31 19 00-0049	EA	4' Wide x 3' High Steel Tube Single Swing Gate	949.96	28.21
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*207.38*	
		For Aluminum With Satin Finish, Add	*246.79*	
		For Third Rail, Add	*64.88*	
		For 1" Square x 14 Gauge Pickets, Add	*86.51*	
32 31 19 00-0050	EA	5' Wide x 3' High Steel Tube Single Swing Gate	999.29	30.25
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*218.03*	
		For Aluminum With Satin Finish, Add	*258.90*	
		For Third Rail, Add	*68.13*	
		For 1" Square x 14 Gauge Pickets, Add	*90.84*	
32 31 19 00-0051	EA	6' Wide x 3' High Steel Tube Single Swing Gate	1,117.10	36.23
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*243.19*	
		For Aluminum With Satin Finish, Add	*286.17*	
		For Third Rail, Add	*75.62*	
		For 1" Square x 14 Gauge Pickets, Add	*100.83*	
32 31 19 00-0052	EA	7' Wide x 3' High Steel Tube Single Swing Gate	1,189.69	42.20
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*258.18*	
		For Aluminum With Satin Finish, Add	*299.88*	
		For Third Rail, Add	*79.72*	
		For 1" Square x 14 Gauge Pickets, Add	*106.30*	
32 31 19 00-0053	EA	8' Wide x 3' High Steel Tube Single Swing Gate	1,299.29	48.54
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*281.40*	
		For Aluminum With Satin Finish, Add	*324.15*	
		For Third Rail, Add	*86.51*	
		For 1" Square x 14 Gauge Pickets, Add	*115.34*	
32 31 19 00-0054	EA	9' Wide x 3' High Steel Tube Single Swing Gate	1,394.50	54.52
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*301.48*	
		For Aluminum With Satin Finish, Add	*344.64*	
		For Third Rail, Add	*92.30*	
		For 1" Square x 14 Gauge Pickets, Add	*123.07*	
32 31 19 00-0055	EA	10' Wide x 3' High Steel Tube Single Swing Gate	1,478.39	60.49
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*319.01*	
		For Aluminum With Satin Finish, Add	*361.74*	
		For Third Rail, Add	*97.25*	
		For 1" Square x 14 Gauge Pickets, Add	*129.67*	
32 31 19 00-0056	EA	6' Wide x 3' High Steel Tube Double Swing Gate	1,613.47	50.93
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*351.55*	
		For Aluminum With Satin Finish, Add	*415.18*	
		For Third Rail, Add	*109.53*	
		For 1" Square x 14 Gauge Pickets, Add	*146.05*	
32 31 19 00-0057	EA	7' Wide x 3' High Steel Tube Double Swing Gate	1,718.84	53.32
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*374.72*	
		For Aluminum With Satin Finish, Add	*443.57*	
		For Third Rail, Add	*116.90*	
		For 1" Square x 14 Gauge Pickets, Add	*155.87*	
32 31 19 00-0058	EA	8' Wide x 3' High Steel Tube Double Swing Gate	1,899.91	56.54
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*414.75*	
		For Aluminum With Satin Finish, Add	*493.58*	
		For Third Rail, Add	*129.76*	
		For 1" Square x 14 Gauge Pickets, Add	*173.02*	
32 31 19 00-0059	EA	9' Wide x 3' High Steel Tube Double Swing Gate	1,990.71	58.58
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*434.73*	
		For Aluminum With Satin Finish, Add	*518.13*	
		For Third Rail, Add	*136.12*	
		For 1" Square x 14 Gauge Pickets, Add	*181.50*	
32 31 19 00-0060	EA	10' Wide x 3' High Steel Tube Double Swing Gate	2,064.54	60.49
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*450.89*	
		For Aluminum With Satin Finish, Add	*537.59*	
		For Third Rail, Add	*141.21*	
		For 1" Square x 14 Gauge Pickets, Add	*188.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0061	EA	12' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,324.67	72.44
		For Solid Pickets, Add	*506.73*	
		For Aluminum With Satin Finish, Add	*599.49*	
		For Third Rail, Add	*158.03*	
		For 1" Square x 14 Gauge Pickets, Add	*210.71*	
32 31 19 00-0062	EA	14' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,549.01	84.40
		For Solid Pickets, Add	*554.52*	
		For Aluminum With Satin Finish, Add	*650.65*	
		For Third Rail, Add	*172.17*	
		For 1" Square x 14 Gauge Pickets, Add	*229.56*	
32 31 19 00-0063	EA	16' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,738.04	97.20
		For Solid Pickets, Add	*594.18*	
		For Aluminum With Satin Finish, Add	*690.15*	
		For Third Rail, Add	*183.48*	
		For 1" Square x 14 Gauge Pickets, Add	*244.63*	
32 31 19 00-0064	EA	18' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,896.42	109.03
		For Solid Pickets, Add	*627.13*	
		For Aluminum With Satin Finish, Add	*721.52*	
		For Third Rail, Add	*192.66*	
		For 1" Square x 14 Gauge Pickets, Add	*256.89*	
32 31 19 00-0065	EA	20' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,026.51	120.98
		For Solid Pickets, Add	*653.71*	
		For Aluminum With Satin Finish, Add	*744.41*	
		For Third Rail, Add	*199.73*	
		For 1" Square x 14 Gauge Pickets, Add	*266.31*	

32 31 19 00-0066 4' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)*

32 31 19 00-0067	EA	3' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	891.11	23.91
		For Solid Pickets, Add	*194.45*	
		For Aluminum With Satin Finish, Add	*231.02*	
		For Third Rail, Add	*60.78*	
		For 1" Square x 14 Gauge Pickets, Add	*81.04*	
32 31 19 00-0068	EA	3'-6" Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	963.84	27.85
		For Solid Pickets, Add	*210.59*	
		For Aluminum With Satin Finish, Add	*251.49*	
		For Third Rail, Add	*66.01*	
		For 1" Square x 14 Gauge Pickets, Add	*88.02*	
32 31 19 00-0069	EA	4' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,039.55	29.89
		For Solid Pickets, Add	*227.17*	
		For Aluminum With Satin Finish, Add	*271.52*	
		For Third Rail, Add	*71.24*	
		For 1" Square x 14 Gauge Pickets, Add	*94.99*	
32 31 19 00-0070	EA	5' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,102.07	31.80
		For Solid Pickets, Add	*240.79*	
		For Aluminum With Satin Finish, Add	*287.58*	
		For Third Rail, Add	*75.48*	
		For 1" Square x 14 Gauge Pickets, Add	*100.64*	
32 31 19 00-0071	EA	6' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,189.05	38.25
		For Solid Pickets, Add	*258.93*	
		For Aluminum With Satin Finish, Add	*305.07*	
		For Third Rail, Add	*80.57*	
		For 1" Square x 14 Gauge Pickets, Add	*107.43*	
32 31 19 00-0072	EA	7' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,306.18	44.59
		For Solid Pickets, Add	*283.85*	
		For Aluminum With Satin Finish, Add	*331.60*	
		For Third Rail, Add	*87.92*	
		For 1" Square x 14 Gauge Pickets, Add	*117.23*	
32 31 19 00-0073	EA	8' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,466.66	50.93
		For Solid Pickets, Add	*318.52*	
		For Aluminum With Satin Finish, Add	*371.14*	
		For Third Rail, Add	*98.52*	
		For 1" Square x 14 Gauge Pickets, Add	*131.36*	
32 31 19 00-0074	EA	9' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,623.37	57.38
		For Solid Pickets, Add	*352.35*	
		For Aluminum With Satin Finish, Add	*409.54*	
		For Third Rail, Add	*108.84*	
		For 1" Square x 14 Gauge Pickets, Add	*145.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0075	EA	10' Wide x 4' High Steel Tube Single Swing Gate	1,772.54	63.72
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*384.48*	
		For Aluminum With Satin Finish, Add	*445.69*	
		For Third Rail, Add	*118.59*	
		For 1" Square x 14 Gauge Pickets, Add	*158.13*	
32 31 19 00-0076	EA	6' Wide x 4' High Steel Tube Double Swing Gate	1,782.23	53.80
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*388.90*	
		For Aluminum With Satin Finish, Add	*462.04*	
		For Third Rail, Add	*121.56*	
		For 1" Square x 14 Gauge Pickets, Add	*162.08*	
32 31 19 00-0077	EA	7' Wide x 4' High Steel Tube Double Swing Gate	1,927.68	55.71
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*421.18*	
		For Aluminum With Satin Finish, Add	*502.99*	
		For Third Rail, Add	*132.02*	
		For 1" Square x 14 Gauge Pickets, Add	*176.03*	
32 31 19 00-0078	EA	8' Wide x 4' High Steel Tube Double Swing Gate	2,079.10	59.78
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*454.35*	
		For Aluminum With Satin Finish, Add	*543.04*	
		For Third Rail, Add	*142.48*	
		For 1" Square x 14 Gauge Pickets, Add	*189.98*	
32 31 19 00-0079	EA	9' Wide x 4' High Steel Tube Double Swing Gate	2,198.16	61.69
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*480.69*	
		For Aluminum With Satin Finish, Add	*576.06*	
		For Third Rail, Add	*150.96*	
		For 1" Square x 14 Gauge Pickets, Add	*201.29*	
32 31 19 00-0080	EA	10' Wide x 4' High Steel Tube Double Swing Gate	2,298.37	63.72
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*502.79*	
		For Aluminum With Satin Finish, Add	*603.44*	
		For Third Rail, Add	*158.03*	
		For 1" Square x 14 Gauge Pickets, Add	*210.71*	
32 31 19 00-0081	EA	12' Wide x 4' High Steel Tube Double Swing Gate	2,609.92	76.39
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*570.02*	
		For Aluminum With Satin Finish, Add	*679.68*	
		For Third Rail, Add	*178.53*	
		For 1" Square x 14 Gauge Pickets, Add	*238.04*	
32 31 19 00-0082	EA	14' Wide x 4' High Steel Tube Double Swing Gate	2,883.75	89.18
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*628.76*	
		For Aluminum With Satin Finish, Add	*744.62*	
		For Third Rail, Add	*196.20*	
		For 1" Square x 14 Gauge Pickets, Add	*261.60*	
32 31 19 00-0083	EA	16' Wide x 4' High Steel Tube Double Swing Gate	3,121.79	101.85
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*679.45*	
		For Aluminum With Satin Finish, Add	*798.81*	
		For Third Rail, Add	*211.18*	
		For 1" Square x 14 Gauge Pickets, Add	*281.57*	
32 31 19 00-0084	EA	18' Wide x 4' High Steel Tube Double Swing Gate	3,327.79	114.65
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*722.93*	
		For Aluminum With Satin Finish, Add	*843.40*	
		For Third Rail, Add	*223.76*	
		For 1" Square x 14 Gauge Pickets, Add	*298.35*	
32 31 19 00-0085	EA	20' Wide x 4' High Steel Tube Double Swing Gate	3,503.62	127.44
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*759.62*	
		For Aluminum With Satin Finish, Add	*878.93*	
		For Third Rail, Add	*234.08*	
		For 1" Square x 14 Gauge Pickets, Add	*312.11*	

32 31 19 00-0086 5' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)*

32 31 19 00-0087	EA	3' Wide x 5' High Steel Tube Single Swing Gate	969.50	27.85
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*211.86*	
		For Aluminum With Satin Finish, Add	*253.19*	
		For Third Rail, Add	*66.44*	
		For 1" Square x 14 Gauge Pickets, Add	*88.58*	
32 31 19 00-0088	EA	3'-6" Wide x 5' High Steel Tube Single Swing Gate	1,022.59	29.89
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*223.36*	
		For Aluminum With Satin Finish, Add	*266.43*	
		For Third Rail, Add	*69.97*	
		For 1" Square x 14 Gauge Pickets, Add	*93.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0089	EA	4' Wide x 5' High Steel Tube Single Swing Gate	1,073.80	31.80
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*234.43*	
		For Aluminum With Satin Finish, Add	*279.10*	
		For Third Rail, Add	*73.36*	
		For 1" Square x 14 Gauge Pickets, Add	*97.82*	
32 31 19 00-0090	EA	5' Wide x 5' High Steel Tube Single Swing Gate	1,147.62	33.84
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*250.59*	
		For Aluminum With Satin Finish, Add	*298.56*	
		For Third Rail, Add	*78.45*	
		For 1" Square x 14 Gauge Pickets, Add	*104.60*	
32 31 19 00-0091	EA	6' Wide x 5' High Steel Tube Single Swing Gate	1,248.99	40.64
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*271.88*	
		For Aluminum With Satin Finish, Add	*319.82*	
		For Third Rail, Add	*84.53*	
		For 1" Square x 14 Gauge Pickets, Add	*112.71*	
32 31 19 00-0092	EA	7' Wide x 5' High Steel Tube Single Swing Gate	1,382.40	47.35
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*300.37*	
		For Aluminum With Satin Finish, Add	*350.70*	
		For Third Rail, Add	*93.01*	
		For 1" Square x 14 Gauge Pickets, Add	*124.01*	
32 31 19 00-0093	EA	8' Wide x 5' High Steel Tube Single Swing Gate	1,567.89	54.52
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*340.49*	
		For Aluminum With Satin Finish, Add	*396.66*	
		For Third Rail, Add	*105.31*	
		For 1" Square x 14 Gauge Pickets, Add	*140.41*	
32 31 19 00-0094	EA	9' Wide x 5' High Steel Tube Single Swing Gate	1,748.40	61.33
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*379.58*	
		For Aluminum With Satin Finish, Add	*441.68*	
		For Third Rail, Add	*117.32*	
		For 1" Square x 14 Gauge Pickets, Add	*156.43*	
32 31 19 00-0095	EA	10' Wide x 5' High Steel Tube Single Swing Gate	1,925.16	68.03
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*417.83*	
		For Aluminum With Satin Finish, Add	*485.55*	
		For Third Rail, Add	*129.05*	
		For 1" Square x 14 Gauge Pickets, Add	*172.07*	
32 31 19 00-0096	EA	6' Wide x 5' High Steel Tube Double Swing Gate	1,905.76	46.98
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*418.74*	
		For Aluminum With Satin Finish, Add	*511.37*	
		For Third Rail, Add	*132.87*	
		For 1" Square x 14 Gauge Pickets, Add	*177.16*	
32 31 19 00-0097	EA	7' Wide x 5' High Steel Tube Double Swing Gate	2,020.46	54.76
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*442.87*	
		For Aluminum With Satin Finish, Add	*535.72*	
		For Third Rail, Add	*139.80*	
		For 1" Square x 14 Gauge Pickets, Add	*186.40*	
32 31 19 00-0098	EA	8' Wide x 5' High Steel Tube Double Swing Gate	2,136.49	63.01
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*467.20*	
		For Aluminum With Satin Finish, Add	*559.87*	
		For Third Rail, Add	*146.72*	
		For 1" Square x 14 Gauge Pickets, Add	*195.63*	
32 31 19 00-0099	EA	9' Wide x 5' High Steel Tube Double Swing Gate	2,294.54	70.89
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*501.08*	
		For Aluminum With Satin Finish, Add	*597.23*	
		For Third Rail, Add	*156.90*	
		For 1" Square x 14 Gauge Pickets, Add	*209.20*	
32 31 19 00-0100	EA	10' Wide x 5' High Steel Tube Double Swing Gate	2,433.74	78.67
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*530.73*	
		For Aluminum With Satin Finish, Add	*628.93*	
		For Third Rail, Add	*165.67*	
		For 1" Square x 14 Gauge Pickets, Add	*220.89*	
32 31 19 00-0101	EA	12' Wide x 5' High Steel Tube Double Swing Gate	2,769.70	87.51
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*604.44*	
		For Aluminum With Satin Finish, Add	*718.47*	
		For Third Rail, Add	*188.99*	
		For 1" Square x 14 Gauge Pickets, Add	*251.98*	
32 31 19 00-0102	EA	14' Wide x 5' High Steel Tube Double Swing Gate	3,072.49	97.07
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*670.50*	
		For Aluminum With Satin Finish, Add	*796.88*	
		For Third Rail, Add	*209.63*	
		For 1" Square x 14 Gauge Pickets, Add	*279.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0103	EA	16' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,343.97	107.71
		For Solid Pickets, Add	*729.31*	
		For Aluminum With Satin Finish, Add	*864.72*	
		For Third Rail, Add	*227.72*	
		For 1" Square x 14 Gauge Pickets, Add	*303.63*	
32 31 19 00-0104	EA	18' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,589.26	119.67
		For Solid Pickets, Add	*781.94*	
		For Aluminum With Satin Finish, Add	*922.91*	
		For Third Rail, Add	*243.55*	
		For 1" Square x 14 Gauge Pickets, Add	*324.73*	
32 31 19 00-0105	EA	20' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,808.32	133.06
		For Solid Pickets, Add	*828.37*	
		For Aluminum With Satin Finish, Add	*971.47*	
		For Third Rail, Add	*257.12*	
		For 1" Square x 14 Gauge Pickets, Add	*342.83*	
32 31 19 00-0106		**6' Fence Height Steel Tube Swing Gates, 2 Rail** *(32 31 19 00-0045)*		
32 31 19 00-0107	EA	3' Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,009.90	30.60
		For Solid Pickets, Add	*220.32*	
		For Aluminum With Satin Finish, Add	*261.55*	
		For Third Rail, Add	*68.84*	
		For 1" Square x 14 Gauge Pickets, Add	*91.79*	
32 31 19 00-0108	EA	3'-6" Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,061.80	32.28
		For Solid Pickets, Add	*231.64*	
		For Aluminum With Satin Finish, Add	*274.97*	
		For Third Rail, Add	*72.37*	
		For 1" Square x 14 Gauge Pickets, Add	*96.50*	
32 31 19 00-0109	EA	4' Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,114.55	34.08
		For Solid Pickets, Add	*243.09*	
		For Aluminum With Satin Finish, Add	*288.25*	
		For Third Rail, Add	*75.91*	
		For 1" Square x 14 Gauge Pickets, Add	*101.21*	
32 31 19 00-0110	EA	5' Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,179.31	36.23
		For Solid Pickets, Add	*257.18*	
		For Aluminum With Satin Finish, Add	*304.83*	
		For Third Rail, Add	*80.29*	
		For 1" Square x 14 Gauge Pickets, Add	*107.05*	
32 31 19 00-0111	EA	6' Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,324.52	43.75
		For Solid Pickets, Add	*288.15*	
		For Aluminum With Satin Finish, Add	*338.18*	
		For Third Rail, Add	*89.48*	
		For 1" Square x 14 Gauge Pickets, Add	*119.30*	
32 31 19 00-0112	EA	7' Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,479.15	51.41
		For Solid Pickets, Add	*321.24*	
		For Aluminum With Satin Finish, Add	*374.35*	
		For Third Rail, Add	*99.37*	
		For 1" Square x 14 Gauge Pickets, Add	*132.49*	
32 31 19 00-0113	EA	8' Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,651.45	58.58
		For Solid Pickets, Add	*358.40*	
		For Aluminum With Satin Finish, Add	*416.36*	
		For Third Rail, Add	*110.68*	
		For 1" Square x 14 Gauge Pickets, Add	*147.57*	
32 31 19 00-0114	EA	9' Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,817.42	66.11
		For Solid Pickets, Add	*394.04*	
		For Aluminum With Satin Finish, Add	*455.92*	
		For Third Rail, Add	*121.42*	
		For 1" Square x 14 Gauge Pickets, Add	*161.90*	
32 31 19 00-0115	EA	10' Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	2,019.15	73.64
		For Solid Pickets, Add	*437.72*	
		For Aluminum With Satin Finish, Add	*506.23*	
		For Third Rail, Add	*134.85*	
		For 1" Square x 14 Gauge Pickets, Add	*179.80*	
32 31 19 00-0116	EA	6' Wide x 6' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,980.36	50.69
		For Solid Pickets, Add	*434.73*	
		For Aluminum With Satin Finish, Add	*529.01*	
		For Third Rail, Add	*137.68*	
		For 1" Square x 14 Gauge Pickets, Add	*183.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0117	EA	7' Wide x 6' High Steel Tube Double Swing Gate	2,099.57	59.42
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*459.68*	
		For Aluminum With Satin Finish, Add	*553.53*	
		For Third Rail, Add	*144.74*	
		For 1" Square x 14 Gauge Pickets, Add	*192.99*	
32 31 19 00-0118	EA	8' Wide x 6' High Steel Tube Double Swing Gate	2,217.48	67.66
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*484.43*	
		For Aluminum With Satin Finish, Add	*578.25*	
		For Third Rail, Add	*151.81*	
		For 1" Square x 14 Gauge Pickets, Add	*202.42*	
32 31 19 00-0119	EA	9' Wide x 6' High Steel Tube Double Swing Gate	2,359.32	76.39
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*514.47*	
		For Aluminum With Satin Finish, Add	*609.56*	
		For Third Rail, Add	*160.58*	
		For 1" Square x 14 Gauge Pickets, Add	*214.10*	
32 31 19 00-0120	EA	10' Wide x 6' High Steel Tube Double Swing Gate	2,580.32	85.12
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*562.33*	
		For Aluminum With Satin Finish, Add	*664.62*	
		For Third Rail, Add	*175.28*	
		For 1" Square x 14 Gauge Pickets, Add	*233.70*	
32 31 19 00-0121	EA	12' Wide x 6' High Steel Tube Double Swing Gate	3,024.45	94.81
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*660.18*	
		For Aluminum With Satin Finish, Add	*785.43*	
		For Third Rail, Add	*206.52*	
		For 1" Square x 14 Gauge Pickets, Add	*275.36*	
32 31 19 00-0122	EA	14' Wide x 6' High Steel Tube Double Swing Gate	3,169.09	105.93
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*690.36*	
		For Aluminum With Satin Finish, Add	*814.62*	
		For Third Rail, Add	*215.00*	
		For 1" Square x 14 Gauge Pickets, Add	*286.66*	
32 31 19 00-0123	EA	16' Wide x 6' High Steel Tube Double Swing Gate	3,480.33	117.88
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*757.83*	
		For Aluminum With Satin Finish, Add	*892.61*	
		For Third Rail, Add	*235.78*	
		For 1" Square x 14 Gauge Pickets, Add	*314.37*	
32 31 19 00-0124	EA	18' Wide x 6' High Steel Tube Double Swing Gate	3,767.25	131.15
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*819.52*	
		For Aluminum With Satin Finish, Add	*961.52*	
		For Third Rail, Add	*254.43*	
		For 1" Square x 14 Gauge Pickets, Add	*339.25*	
32 31 19 00-0125	EA	20' Wide x 6' High Steel Tube Double Swing Gate	4,034.93	146.33
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*876.50*	
		For Aluminum With Satin Finish, Add	*1,022.29*	
		For Third Rail, Add	*271.26*	
		For 1" Square x 14 Gauge Pickets, Add	*361.67*	

32 31 19 00-0126 7' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)*

32 31 19 00-0127	EA	3' Wide x 7' High Steel Tube Single Swing Gate	1,070.21	33.12
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*233.33*	
		For Aluminum With Satin Finish, Add	*276.25*	
		For Third Rail, Add	*72.80*	
		For 1" Square x 14 Gauge Pickets, Add	*97.06*	
32 31 19 00-0128	EA	3'-6" Wide x 7' High Steel Tube Single Swing Gate	1,124.47	34.91
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*245.14*	
		For Aluminum With Satin Finish, Add	*290.16*	
		For Third Rail, Add	*76.47*	
		For 1" Square x 14 Gauge Pickets, Add	*101.96*	
32 31 19 00-0129	EA	4' Wide x 7' High Steel Tube Single Swing Gate	1,178.97	36.70
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*256.99*	
		For Aluminum With Satin Finish, Add	*304.03*	
		For Third Rail, Add	*80.15*	
		For 1" Square x 14 Gauge Pickets, Add	*106.86*	
32 31 19 00-0130	EA	5' Wide x 7' High Steel Tube Single Swing Gate	1,233.59	38.62
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*268.86*	
		For Aluminum With Satin Finish, Add	*317.90*	
		For Third Rail, Add	*83.82*	
		For 1" Square x 14 Gauge Pickets, Add	*111.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0131	EA	6' Wide x 7' High Steel Tube Single Swing Gate	1,428.32	46.98
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*310.79*	
		For Aluminum With Satin Finish, Add	*365.01*	
		For Third Rail, Add	*96.54*	
		For 1" Square x 14 Gauge Pickets, Add	*128.73*	
32 31 19 00-0132	EA	7' Wide x 7' High Steel Tube Single Swing Gate	1,606.77	54.99
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*349.15*	
		For Aluminum With Satin Finish, Add	*407.79*	
		For Third Rail, Add	*108.14*	
		For 1" Square x 14 Gauge Pickets, Add	*144.18*	
32 31 19 00-0133	EA	8' Wide x 7' High Steel Tube Single Swing Gate	1,737.42	63.25
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*376.66*	
		For Aluminum With Satin Finish, Add	*435.69*	
		For Third Rail, Add	*116.05*	
		For 1" Square x 14 Gauge Pickets, Add	*154.73*	
32 31 19 00-0134	EA	9' Wide x 7' High Steel Tube Single Swing Gate	1,885.72	71.25
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*408.24*	
		For Aluminum With Satin Finish, Add	*469.42*	
		For Third Rail, Add	*125.38*	
		For 1" Square x 14 Gauge Pickets, Add	*167.17*	
32 31 19 00-0135	EA	10' Wide x 7' High Steel Tube Single Swing Gate	2,067.26	79.62
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*447.20*	
		For Aluminum With Satin Finish, Add	*512.58*	
		For Third Rail, Add	*137.11*	
		For 1" Square x 14 Gauge Pickets, Add	*182.82*	
32 31 19 00-0136	EA	6' Wide x 7' High Steel Tube Double Swing Gate	2,096.41	54.28
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*460.05*	
		For Aluminum With Satin Finish, Add	*559.10*	
		For Third Rail, Add	*145.59*	
		For 1" Square x 14 Gauge Pickets, Add	*194.12*	
32 31 19 00-0137	EA	7' Wide x 7' High Steel Tube Double Swing Gate	2,220.73	63.48
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*486.05*	
		For Aluminum With Satin Finish, Add	*584.55*	
		For Third Rail, Add	*152.94*	
		For 1" Square x 14 Gauge Pickets, Add	*203.93*	
32 31 19 00-0138	EA	8' Wide x 7' High Steel Tube Double Swing Gate	2,346.35	73.16
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*512.25*	
		For Aluminum With Satin Finish, Add	*609.81*	
		For Third Rail, Add	*160.29*	
		For 1" Square x 14 Gauge Pickets, Add	*213.73*	
32 31 19 00-0139	EA	9' Wide x 7' High Steel Tube Double Swing Gate	2,472.53	82.37
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*538.67*	
		For Aluminum With Satin Finish, Add	*635.83*	
		For Third Rail, Add	*167.79*	
		For 1" Square x 14 Gauge Pickets, Add	*223.71*	
32 31 19 00-0140	EA	10' Wide x 7' High Steel Tube Double Swing Gate	2,784.74	92.05
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*606.84*	
		For Aluminum With Satin Finish, Add	*717.07*	
		For Third Rail, Add	*189.13*	
		For 1" Square x 14 Gauge Pickets, Add	*252.17*	
32 31 19 00-0141	EA	12' Wide x 7' High Steel Tube Double Swing Gate	3,363.43	102.69
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*734.78*	
		For Aluminum With Satin Finish, Add	*877.07*	
		For Third Rail, Add	*230.26*	
		For 1" Square x 14 Gauge Pickets, Add	*307.02*	
32 31 19 00-0142	EA	14' Wide x 7' High Steel Tube Double Swing Gate	3,331.09	115.12
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*724.84*	
		For Aluminum With Satin Finish, Add	*851.39*	
		For Third Rail, Add	*225.17*	
		For 1" Square x 14 Gauge Pickets, Add	*300.23*	
32 31 19 00-0143	EA	16' Wide x 7' High Steel Tube Double Swing Gate	3,610.47	128.39
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*784.84*	
		For Aluminum With Satin Finish, Add	*918.04*	
		For Third Rail, Add	*243.27*	
		For 1" Square x 14 Gauge Pickets, Add	*324.36*	
32 31 19 00-0144	EA	18' Wide x 7' High Steel Tube Double Swing Gate	3,944.11	143.58
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*856.65*	
		For Aluminum With Satin Finish, Add	*998.60*	
		For Third Rail, Add	*265.04*	
		For 1" Square x 14 Gauge Pickets, Add	*353.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0145	EA	20' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	4,166.72	160.19
		For Solid Pickets, Add	*903.19*	
		For Aluminum With Satin Finish, Add	*1,044.08*	
		For Third Rail, Add	*278.18*	
		For 1" Square x 14 Gauge Pickets, Add	*370.91*	
32 31 19 00-0146		**8' Fence Height Steel Tube Swing Gates, 2 Rail** *(32 31 19 00-0045)*		
32 31 19 00-0147	EA	3' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,163.03	35.86
		For Solid Pickets, Add	*253.61*	
		For Aluminum With Satin Finish, Add	*300.49*	
		For Third Rail, Add	*79.16*	
		For 1" Square x 14 Gauge Pickets, Add	*105.54*	
32 31 19 00-0148	EA	3'-6" Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,219.89	37.78
		For Solid Pickets, Add	*265.96*	
		For Aluminum With Satin Finish, Add	*314.86*	
		For Third Rail, Add	*82.97*	
		For 1" Square x 14 Gauge Pickets, Add	*110.63*	
32 31 19 00-0149	EA	4' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,280.53	39.81
		For Solid Pickets, Add	*279.15*	
		For Aluminum With Satin Finish, Add	*330.36*	
		For Third Rail, Add	*87.07*	
		For 1" Square x 14 Gauge Pickets, Add	*116.10*	
32 31 19 00-0150	EA	5' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,335.74	44.35
		For Solid Pickets, Add	*290.54*	
		For Aluminum With Satin Finish, Add	*340.74*	
		For Third Rail, Add	*90.18*	
		For 1" Square x 14 Gauge Pickets, Add	*120.24*	
32 31 19 00-0151	EA	6' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,579.23	50.21
		For Solid Pickets, Add	*344.03*	
		For Aluminum With Satin Finish, Add	*405.99*	
		For Third Rail, Add	*107.15*	
		For 1" Square x 14 Gauge Pickets, Add	*142.86*	
32 31 19 00-0152	EA	7' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,759.20	60.49
		For Solid Pickets, Add	*382.19*	
		For Aluminum With Satin Finish, Add	*445.99*	
		For Third Rail, Add	*118.31*	
		For 1" Square x 14 Gauge Pickets, Add	*157.75*	
32 31 19 00-0153	EA	8' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,839.98	70.42
		For Solid Pickets, Add	*398.13*	
		For Aluminum With Satin Finish, Add	*456.77*	
		For Third Rail, Add	*122.13*	
		For 1" Square x 14 Gauge Pickets, Add	*162.84*	
32 31 19 00-0154	EA	9' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,974.73	80.82
		For Solid Pickets, Add	*426.11*	
		For Aluminum With Satin Finish, Add	*483.21*	
		For Third Rail, Add	*129.90*	
		For 1" Square x 14 Gauge Pickets, Add	*173.20*	
32 31 19 00-0155	EA	10' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	2,092.50	91.22
		For Solid Pickets, Add	*450.28*	
		For Aluminum With Satin Finish, Add	*504.56*	
		For Third Rail, Add	*136.41*	
		For 1" Square x 14 Gauge Pickets, Add	*181.87*	
32 31 19 00-0156	EA	6' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,278.45	57.98
		For Solid Pickets, Add	*500.22*	
		For Aluminum With Satin Finish, Add	*608.97*	
		For Third Rail, Add	*158.46*	
		For 1" Square x 14 Gauge Pickets, Add	*211.28*	
32 31 19 00-0157	EA	7' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,418.18	69.94
		For Solid Pickets, Add	*529.10*	
		For Aluminum With Satin Finish, Add	*635.50*	
		For Third Rail, Add	*166.37*	
		For 1" Square x 14 Gauge Pickets, Add	*221.83*	
32 31 19 00-0158	EA	8' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,554.71	81.41
		For Solid Pickets, Add	*557.35*	
		For Aluminum With Satin Finish, Add	*661.67*	
		For Third Rail, Add	*174.15*	
		For 1" Square x 14 Gauge Pickets, Add	*232.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0159	EA	9' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,669.95	93.49
		For Solid Pickets, Add	*580.72*	
		For Aluminum With Satin Finish, Add	*680.85*	
		For Third Rail, Add	*180.22*	
		For 1" Square x 14 Gauge Pickets, Add	*240.30*	
32 31 19 00-0160	EA	10' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,101.81	105.45
		For Solid Pickets, Add	*675.32*	
		For Aluminum With Satin Finish, Add	*795.03*	
		For Third Rail, Add	*210.05*	
		For 1" Square x 14 Gauge Pickets, Add	*280.07*	
32 31 19 00-0161	EA	12' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,861.78	118.72
		For Solid Pickets, Add	*843.45*	
		For Aluminum With Satin Finish, Add	*1,005.86*	
		For Third Rail, Add	*264.19*	
		For 1" Square x 14 Gauge Pickets, Add	*352.25*	
32 31 19 00-0162	EA	14' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,539.55	133.90
		For Solid Pickets, Add	*767.70*	
		For Aluminum With Satin Finish, Add	*889.66*	
		For Third Rail, Add	*236.77*	
		For 1" Square x 14 Gauge Pickets, Add	*315.69*	
32 31 19 00-0163	EA	16' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,793.07	151.47
		For Solid Pickets, Add	*820.99*	
		For Aluminum With Satin Finish, Add	*943.23*	
		For Third Rail, Add	*252.03*	
		For 1" Square x 14 Gauge Pickets, Add	*336.04*	
32 31 19 00-0164	EA	18' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	4,181.90	170.72
		For Solid Pickets, Add	*904.34*	
		For Aluminum With Satin Finish, Add	*1,035.02*	
		For Third Rail, Add	*277.05*	
		For 1" Square x 14 Gauge Pickets, Add	*369.40*	
32 31 19 00-0165	EA	20' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	4,273.87	192.36
		For Solid Pickets, Add	*920.39*	
		For Aluminum With Satin Finish, Add	*1,034.80*	
		For Third Rail, Add	*279.31*	
		For 1" Square x 14 Gauge Pickets, Add	*372.42*	

32 31 19 00-0166 Replace Steel Tube Fence Pickets *(32 31 19 00-0032)*

32 31 19 00-0167	LF	Removal And Replacement Of 3/4" Square x 16 Gauge Steel Tube Fence Picket	33.96	
		For 1" Square x 14 Gauge Pickets, Add	*1.01*	

32 31 19 00-0168 Removal And Reinstallation Of Ornamental Fences *(32 31 19)*

Note: Including storage and cleaning. Excludes augering and concrete.

32 31 19 00-0169	LF	Removal And Reinstallation Of Ornamental Fence Up To 5' Height	53.80	
32 31 19 00-0170	LF	Removal And Reinstallation Of Ornamental Fence, 6' Height	59.17	
32 31 19 00-0171	LF	Removal And Reinstallation Of Ornamental Fence, 7' Height	64.56	
32 31 19 00-0172	LF	Removal And Reinstallation Of Ornamental Fence, 8' Height	69.94	
32 31 19 00-0173	LF	Removal And Reinstallation Of Ornamental Fence, 9' Height	75.32	
32 31 19 00-0174	LF	Removal And Reinstallation Of Ornamental Fence, 10' Height	80.69	
32 31 19 00-0175	LF	Removal And Reinstallation Of Ornamental Fence 12' Height	89.66	

32 31 19 00-0176 Hot Dipped Galvanized Steel Tube Fence *(32 31 19)*

32 31 19 00-0177 Hot Dipped Galvanized Steel Tube Fence, 4 Rail *(32 31 19 00-0176)*

32 31 19 00-0178	LF	8' Hot Dip Galvanized Steel Tube Security Fence Assembly Note: Includes four 2" x 2" x 1/8" thick hot dip galvanized horizontail rails, 3/4" square x 11 gauge hot dip galvanized pickets at 4" o.c. max. with curve at top and with anti-climb end, 3" square x 1/8" thick hot dip galvanized steel tube posts at 8' o.c. max with welded cap and closed exposed end, 12" diameter x 48" deep concrete footing at posts.	249.72	55.23

32 31 19 00-0179 Hot Dipped Galvanized Steel Tube Double Gate Assembly *(32 31 19 00-0176)*

32 31 19 00-0180	EA	8' Wide x 7' High Double Gate, Hot Dip Galvanized Steel With Hot Dip Galvanized Steel Header Beam Note: Includes two (2) 4'-0" x7'-0" gates, hot dip galvanized frame and pickets with three (3) minimum heavy duty hinges per leaf; 2" x 4" x 3/16" hot dip galvanized steel header beam, gate frame: 2" x 2" x 3/16" hot dip galvanized steel tube, welded at mitered corners; 3/4" square X 11 gauge hot dip galvanized pickets at 4" on centers; 2" x 2" x 3/16" thick hot dip galvanized horizontal rails; 4" x 4" x 3/16" hot dip galvanized steel post, weld cap (1/8" thick) and close exposed end, 12" diameter x 48" deep concrete footing at posts; 1/8" thick hot dip galvanized steel plate; cane bolt and hasp, typical both gate leaf; flush 16" diameter X 18" deep concrete footing; high security lockset.	1,618.29	300.38

32 31 26 Wire Fences and Gates *(32 31)*

32 31 26 13 Wire Fences with Steel Posts *(32 31 26)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 26 13-0001		**Chicken Wire** *(32 31 26 13)*		
		Note: Posts at 4'.		
32 31 26 13-0002	LF	4' High, 1" Mesh, Chicken Wire Fence, Metal Posts At 4'	9.87	2.10
32 31 26 13-0003	LF	6' High, 2" Mesh, Chicken Wire Fence, Metal Posts At 4'	10.78	2.10
32 31 26 13-0004		**Wire And Screen** *(32 31 26 13)*		
32 31 26 13-0005		**Wire And Screen For Partitions And Fences** *(32 31 26 13-0004)*		
		Note: Excludes framing and post.		
32 31 26 13-0006		**Screen Wire** *(32 31 26 13-0005)*		
32 31 26 13-0007	LF	Screen Wire, 48" Wide Rolls	13.23	1.16
32 31 26 13-0008		**Hog Wire** *(32 31 26 13-0005)*		
32 31 26 13-0009	SF	4" x 4" Hog Wire For Fencing	2.34	0.92
32 31 26 13-0010	SF	6" x 6" Hog Wire For Fencing	2.45	1.05
32 31 26 13-0011		**Non-Climb Horse Fence** *(32 31 26 13-0005)*		
32 31 26 13-0012	LF	4' Non-Climb Woven, 12.5 Gauge, Horse Fence	11.02	3.71
32 31 26 13-0013	LF	5' Non-Climb Woven, 12.5 Gauge, Horse Fence	14.17	4.63
32 31 26 13-0014	LF	6' Non-Climb Woven, 12.5 Gauge, Horse Fence	17.85	5.57
32 31 26 13-0015		**Screen For Partitions And Ceilings** *(32 31 26 13-0004)*		
		Note: Can be used to support insulation on walls and ceilings.		
32 31 26 13-0016	SF	1" Mesh Chicken Wire	2.18	0.65
32 31 26 13-0017		**Wicket Fence** *(32 31 26 13)*		
32 31 26 13-0018	LF	Steel Wicket Fence, Painted	74.99	6.07
32 31 29		**Wood Fences and Gates** *(32 31)*		
		See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.		
32 31 29 00-0001		**Basket Weave** *(32 31 29)*		
		Note: 3/8" x 4" boards, 4" x 4" post		
32 31 29 00-0002	LF	6' High #1 Cedar Basket Weave Fence 3/8" x 4" Boards, 4" x 4" Post	48.77	4.20
		For Fastening With Screws Instead Of Nails, Add	*2.88*	
32 31 29 00-0003	LF	6' High, Pressure Treated Pine Basket Weave 3/8" x 4" Boards, 4" x 4" Post	32.62	4.20
		For Fastening With Screws Instead Of Nails, Add	*2.10*	
32 31 29 00-0004		**Board Fence** *(32 31 29)*		
		Note: 1x4" board, 2x4" rail, 4x4" post.		
32 31 29 00-0005	LF	Two 2" x 4" Rails, 3' High 1" x 4" Boards, Preservative Treated Board Fence	31.98	4.20
		For 1" x 6" Boards, Deduct	*-3.41*	
		For 1" x 3" Boards (Stockade Top), Add	*4.25*	
		For Fastening With Screws Instead Of Nails, Add	*2.08*	
32 31 29 00-0006	LF	Two 2" x 4" Rails, 4' High 1" x 4" Boards, Preservative Treated Board Fence	35.56	4.20
		For 1" x 6" Boards, Deduct	*-3.71*	
		For 1" x 3" Boards (Stockade Top), Add	*4.60*	
		For Fastening With Screws Instead Of Nails, Add	*2.30*	
32 31 29 00-0007	LF	Three 2" x 4" Rails, 5' High 1" x 4" Boards, Preservative Treated Board Fence	39.62	4.20
		For 1" x 6" Boards, Deduct	*-3.96*	
		For 1" x 3" Boards (Stockade Top), Add	*4.86*	
		For Fastening With Screws Instead Of Nails, Add	*2.52*	
32 31 29 00-0008	LF	Three 2" x 4" Rails, 6' High 1" x 4" Boards, Preservative Treated Board Fence	42.28	4.20
		For 1" x 6" Boards, Deduct	*-4.16*	
		For 1" x 3" Boards (Stockade Top), Add	*5.09*	
		For Fastening With Screws Instead Of Nails, Add	*2.68*	
32 31 29 00-0009	LF	Three 2" x 4" Rails, 8' High 1" x 4" Boards, Preservative Treated Board Fence	45.13	4.20
		For 1" x 6" Boards, Deduct	*-4.37*	
		For 1" x 3" Boards (Stockade Top), Add	*5.32*	
		For Fastening With Screws Instead Of Nails, Add	*2.84*	
32 31 29 00-0010	LF	Two 2" x 4" Rails, 3' High 1" x 4" #2 Grade Western Cedar Board Fence	34.11	4.20
		For 1" x 6" Boards, Deduct	*-3.49*	
		For 1" x 3" Boards (Stockade Top), Add	*4.31*	
		For Fastening With Screws Instead Of Nails, Add	*2.19*	
32 31 29 00-0011	LF	Two 2" x 4" Rails, 4' High 1" x 4" #2 Grade Western Cedar Board Fence	37.20	4.20
		For 1" x 6" Boards, Deduct	*-3.77*	
		For 1" x 3" Boards (Stockade Top), Add	*4.65*	
		For Fastening With Screws Instead Of Nails, Add	*2.38*	
32 31 29 00-0012	LF	Three 2" x 4" Rails, 5' High 1" x 4" #2 Grade Western Cedar Board Fence	39.62	4.20
		For 1" x 6" Boards, Deduct	*-3.96*	
		For 1" x 3" Boards (Stockade Top), Add	*4.86*	
		For Fastening With Screws Instead Of Nails, Add	*2.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 29 00-0013	LF	Three 2" x 4" Rails, 6' High 1" x 4" #2 Grade Western Cedar Board Fence	42.28	4.20
		For 1" x 6" Boards, Deduct	*-4.16*	
		For 1" x 3" Boards (Stockade Top), Add	*5.09*	
		For Fastening With Screws Instead Of Nails, Add	*2.68*	
32 31 29 00-0014	LF	Three 2" x 4" Rails, 8' High 1" x 4" #2 Grade Western Cedar Board Fence	45.13	4.20
		For 1" x 6" Boards, Deduct	*-4.37*	
		For 1" x 3" Boards (Stockade Top), Add	*5.32*	
		For Fastening With Screws Instead Of Nails, Add	*2.84*	
32 31 29 00-0015	LF	Two 2" x 4" Rails, 3' High 1" x 4" #1 Grade Cedar Board Fence	34.12	4.20
		For 1" x 6" Boards, Deduct	*-3.49*	
		For 1" x 3" Boards (Stockade Top), Add	*4.31*	
		For Fastening With Screws Instead Of Nails, Add	*2.19*	
32 31 29 00-0016	LF	Two 2" x 4" Rails, 4' High 1" x 4" #1 Grade Cedar Board Fence	44.48	4.20
		For 1" x 6" Boards, Deduct	*-4.07*	
		For 1" x 3" Boards (Stockade Top), Add	*4.87*	
		For Fastening With Screws Instead Of Nails, Add	*2.74*	
32 31 29 00-0017	LF	Three 2" x 4" Rails, 5' High 1" x 4" #1 Grade Cedar Board Fence	46.59	4.20
		For 1" x 6" Boards, Deduct	*-4.24*	
		For 1" x 3" Boards (Stockade Top), Add	*5.07*	
		For Fastening With Screws Instead Of Nails, Add	*2.87*	
32 31 29 00-0018	LF	Three 2" x 4" Rails, 6' High 1" x 4" #1 Grade Cedar Board Fence	50.08	4.20
		For 1" x 6" Boards, Deduct	*-4.47*	
		For 1" x 3" Boards (Stockade Top), Add	*5.32*	
		For Fastening With Screws Instead Of Nails, Add	*3.07*	
32 31 29 00-0019	LF	Three 2" x 4" Rails, 8' High 1" x 4" #1 Grade Cedar Board Fence	53.83	4.20
		For 1" x 6" Boards, Deduct	*-4.72*	
		For 1" x 3" Boards (Stockade Top), Add	*5.58*	
		For Fastening With Screws Instead Of Nails, Add	*3.27*	
32 31 29 00-0020		**Shadow Box** *(32 31 29)*		
		Note: 1x6" board, 2x4" Rail, 4x4" post.		
32 31 29 00-0021	LF	Shadow Box, 3 - 2" x 4" Rails, 6' High 1" x 6" Pressure Treated Pine	67.29	4.20
		For Fastening With Screws Instead Of Nails, Add	*3.80*	
32 31 29 00-0022	LF	Shadow Box, 3 - 2" x 4" Rails, 4' High 1" x 4" #1 Cedar	84.48	4.20
		For Fastening With Screws Instead Of Nails, Add	*4.74*	
32 31 29 00-0023	LF	Shadow Box, 3 - 2" x 4" Rails, 6' High 1" x 4" #1 Cedar	91.98	4.20
		For Fastening With Screws Instead Of Nails, Add	*5.14*	
32 31 29 00-0024	LF	Shadow Box, 3 - 2" x 4" Rails, 8' High 1" x 4" #1 Cedar	98.83	4.20
		For Fastening With Screws Instead Of Nails, Add	*5.52*	
32 31 29 00-0025		**Open Rail Fence** *(32 31 29)*		
32 31 29 00-0026		**Post And Rail Fence, Ranch Style** *(32 31 29 00-0025)*		
32 31 29 00-0027	LF	Post And Rail Fence, 2 Rails, 3' High #1 Cedar	31.91	4.20
32 31 29 00-0028	LF	Post And Rail Fence, 2 Rails, 3' High #2 Cedar	25.15	4.20
32 31 29 00-0029	LF	Post And Rail Fence, 3 Rails, 4' High #1 Cedar	37.68	4.20
32 31 29 00-0030	LF	Post And Rail Fence, 3 Rails, 4' High #2 Cedar	27.14	4.20
32 31 29 00-0031		**Split Rail Fence** *(32 31 29 00-0025)*		
32 31 29 00-0032	LF	Split Rail Fence, 2 Rails, 3' High #1 Cedar	30.17	4.20
32 31 29 00-0033	LF	Split Rail Fence, 2 Rails, 3' High #2 Cedar	25.07	4.20
32 31 29 00-0034	LF	Split Rail Fence, 3 Rail, 4' High #1 Cedar	34.36	4.20
32 31 29 00-0035	LF	Split Rail Fence, 3 Rail, 4' High #2 Cedar	28.12	4.20
32 31 29 00-0036		**Picket Fence** *(32 31 29)*		
32 31 29 00-0037	LF	Picket Fence, 2 Rail, 3' High, Pressure Treated	36.46	4.20
		For Fastening With Screws Instead Of Nails, Add	*2.32*	
32 31 29 00-0038	LF	Picket Fence, 2 Rail, 3' High #1 Cedar	34.13	4.20
		For Fastening With Screws Instead Of Nails, Add	*2.21*	
32 31 29 00-0039		**Wood Fence Post Accessories** *(32 31 29)*		
32 31 29 00-0040	EA	3-1/2" x 3-1/2" Copper, Pyramid Slip Over, Wood Fence Post Cap	50.90	
32 31 29 00-0041	EA	4" x 4" Copper, Pyramid Slip Over, Wood Fence Post Cap	56.85	
32 31 29 00-0042	EA	6" x 6" Copper, Pyramid Slip Over, Wood Fence Post Cap	61.98	
32 31 29 00-0043	EA	8" x 8" Copper, Pyramid Slip Over, Wood Fence Post Cap	90.94	
32 31 29 00-0044		**Wood Gate** *(32 31 29)*		
32 31 29 00-0045		**Board Fence Gates, Pressure Treated Wood** *(32 31 29 00-0044)*		
		Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (treated lumber).		
32 31 29 00-0046	EA	3' To 5' High x 3' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	475.54	145.45
32 31 29 00-0047	EA	3' To 5' High x 3'-6" Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	526.24	154.17
32 31 29 00-0048	EA	3' To 5' High x 4' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	588.55	168.72
32 31 29 00-0049	EA	3' To 5' High x 5' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	668.79	177.45
32 31 29 00-0050	EA	3' To 5' High x 6' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	749.02	186.18
32 31 29 00-0051	EA	>5' To 8' High x 3' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	605.56	191.99

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 29 00-0052	EA	>5' To 8' High x 3'-6" Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	659.94	200.72
32 31 29 00-0053	EA	>5' To 8' High x 4' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	714.32	209.44
32 31 29 00-0054	EA	>5' To 8' High x 5' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	805.63	218.18
32 31 29 00-0055	EA	>5' To 8' High x 6' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	878.48	226.90
32 31 29 00-0056		**Board Fence Gates, Grade 2 Cedar** *(32 31 29 00-0044)*		
		Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (cedar lumber)		
32 31 29 00-0057	EA	3' To 5' High x 3' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	761.12	131.29
32 31 29 00-0058	EA	3' To 5' High x 3'-6" Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	787.95	139.18
32 31 29 00-0059	EA	3' To 5' High x 4' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	828.98	152.30
32 31 29 00-0060	EA	3' To 5' High x 5' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	874.28	160.18
32 31 29 00-0061	EA	3' To 5' High x 6' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	930.65	168.06
32 31 29 00-0062	EA	>5' To 8' High x 3' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	900.54	173.31
32 31 29 00-0063	EA	>5' To 8' High x 3'-6" Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	934.75	181.18
32 31 29 00-0064	EA	>5' To 8' High x 4' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	987.44	189.06
32 31 29 00-0065	EA	>5' To 8' High x 5' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	1,040.12	196.94
32 31 29 00-0066	EA	>5' To 8' High x 6' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	1,092.80	204.82
32 31 29 00-0067		**Board Fence Gates, Grade 1 Cedar** *(32 31 29 00-0044)*		
		Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (cedar lumber)		
32 31 29 00-0068	EA	3' To 5' High x 3' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	816.51	131.29
32 31 29 00-0069	EA	3' To 5' High x 3'-6" Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	850.72	139.18
32 31 29 00-0070	EA	3' To 5' High x 4' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	895.45	152.30
32 31 29 00-0071	EA	3' To 5' High x 5' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	948.14	160.18
32 31 29 00-0072	EA	3' To 5' High x 6' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	1,000.81	168.06
32 31 29 00-0073	EA	>5' To 8' High x 3' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	974.40	173.31
32 31 29 00-0074	EA	>5' To 8' High x 3'-6" Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	1,008.61	181.18
32 31 29 00-0075	EA	>5' To 8' High x 4' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	1,061.30	189.06
32 31 29 00-0076	EA	>5' To 8' High x 5' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	1,113.98	196.94
32 31 29 00-0077	EA	>5' To 8' High x 6' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	1,185.12	204.82
32 31 29 00-0078		**Pressure Treated Wood Fence Posts** *(32 31 29)*		
		See CSI section 32 31 13 13-0001 for drilling augering, 32 31 56 00-0017 for barbed wire.		
32 31 29 00-0079	EA	4' High, Pressure Treated Wood Fence Posts, Set In Soil, Earth Fill	45.23	14.55
32 31 29 00-0080	EA	6' High, Pressure Treated Wood Fence Posts, Set In Soil, Earth Fill	51.06	14.55
32 31 29 00-0081	EA	4' High, Pressure Treated Wood Fence Posts, Set In Concrete	79.48	27.93
32 31 29 00-0082	EA	6' High, Pressure Treated Wood Fence Posts, Set In Concrete	86.13	27.93
32 31 56		**Wild Life Deterrent Fence** *(32 31)*		
32 31 56 00-0001		**Barbed Wire Fences** *(32 31 56)*		
		Note: Excludes post holes and fill See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.		
32 31 56 00-0002		**Fence Posts** *(32 31 56 00-0001)*		
32 31 56 00-0003		**Fence Post Soil, Set In Concrete** *(32 31 56 00-0002)*		
32 31 56 00-0004	EA	Barbed Wire Fence Post, Galvanized Set In Concrete In Soil	116.17	9.56
		For Bracing On Corner Post, End Post And Pull Post, Add	*187.23*	
32 31 56 00-0005	EA	Barbed Wire Fence Post, Vinyl Coated Set In Concrete In Soil	155.87	9.56
		For Bracing On Corner Post, End Post And Pull Post, Add	*253.53*	
32 31 56 00-0006		**Post In Rock** *(32 31 56 00-0002)*		
32 31 56 00-0007	EA	Barbed Wire Fence Post, Galvanized Grouted In Rock	114.07	9.56
		For Bracing On Corner Post, End Post And Pull Post, Add	*184.08*	
32 31 56 00-0008	EA	Barbed Wire Fence Post, Vinyl Coated Grouted In Rock	153.77	9.56
		For Bracing On Corner Post, End Post And Pull Post, Add	*250.38*	
32 31 56 00-0009		**Studded Steel T-Posts, Enamel Paint Finish** *(32 31 56 00-0001)*		
		Note: Posts for barb wire, chain link or welded wire mesh.		
32 31 56 00-0010	EA	5' Studded Steel T-Post, Driven Into Earth	30.26	
32 31 56 00-0011	EA	5'-6" Studded Steel T-Post, Driven Into Earth	30.99	
32 31 56 00-0012	EA	6' Studded Steel T-Post, Driven Into Earth	32.37	
32 31 56 00-0013	EA	6'-6" Studded Steel T-Post, Driven Into Earth	33.74	
32 31 56 00-0014	EA	7' Studded Steel T-Post, Driven Into Earth	35.55	
32 31 56 00-0015	EA	8' Studded Steel T-Post, Driven Into Earth	39.99	
32 31 56 00-0016	EA	10' Studded Steel T-Post, Driven Into Earth	48.50	
32 31 56 00-0017		**Barbed Wire** *(32 31 56 00-0001)*		
		Note: Per strand.		
32 31 56 00-0018	LF	Galvanized Barbed Wire For Wild Life Deterrent Fencing, Per Strand	1.06	0.48
32 31 56 00-0019	LF	Vinyl Coated Barbed Wire, For Wild Life Deterrent Fencing, Per Strand	1.22	0.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 56 00-0020		**Barbed Wire Fence, Farm Style, With Wood Posts** *(32 31 56 00-0001)* Note: Based on post at 10' centers, two corner post and two pull post per 300 lf.		
32 31 56 00-0021	LF	4'-6" Height, Three (3) Strand Barbed Wire Fence With Wood Posts Note: Posts at 10' maximum.	12.82	3.11

32 32 Retaining Walls *(32 30)*

32 32 13 Cast-In-Place Concrete Retaining Wall *(32 32)*

Note: System includes all necessary forms (4 uses), 3000 PSI concrete with an 8" chute, all necessary reinforcing steel, and underdrain. Exposed concrete is patched and rubbed. Excludes initial site grading, subbase preparation or finish grading.

32 32 13 00-0001		**Concrete Retaining Walls** *(32 32 13)* Note: System elements include all necessary forms (4 uses), 3000 PSI concrete with an 8" chute, all necessary reinforcing steel, and underdrain. Exposed concrete is patched and rubbed. Excludes initial site grading, subbase preparation or finish grading.		
32 32 13 00-0002	LF	4' High With Base, 10" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	420.47	155.66
		For >3:1 Sloped Soil At Top, Add	*9.29*	
32 32 13 00-0003	LF	6' High With Base, 10" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	524.26	191.54
		For >3:1 Sloped Soil At Top, Add	*11.99*	
32 32 13 00-0004	LF	8' High With Base, 10" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	570.85	206.60
		For >3:1 Sloped Soil At Top, Add	*13.40*	
32 32 13 00-0005	LF	10' High With Base, 13" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	726.44	255.46
		For >3:1 Sloped Soil At Top, Add	*18.33*	
32 32 13 00-0006	LF	12' High With Base, 14" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	837.13	293.43
		For >3:1 Sloped Soil At Top, Add	*21.26*	
32 32 13 00-0007	LF	16' High With Base, 16" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	1,211.60	430.47
		For >3:1 Sloped Soil At Top, Add	*29.82*	
32 32 13 00-0008	LF	20' High With Base, 18" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	1,663.62	594.29
		For >3:1 Sloped Soil At Top, Add	*40.37*	
32 32 13 00-0009	LF	4' High With Base, 12" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	461.96	169.99
		For >3:1 Sloped Soil At Top, Add	*10.37*	
32 32 13 00-0010	LF	6' High With Base, 12" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	565.14	204.83
		For >3:1 Sloped Soil At Top, Add	*13.23*	
32 32 13 00-0011	LF	8' High With Base, 12" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	598.10	213.72
		For >3:1 Sloped Soil At Top, Add	*14.51*	
32 32 13 00-0012	LF	10' High With Base, 16" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	822.07	286.42
		For >3:1 Sloped Soil At Top, Add	*21.18*	
32 32 13 00-0013	LF	12' High With Base, 18" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	1,042.80	367.91
		For >3:1 Sloped Soil At Top, Add	*26.09*	
32 32 13 00-0014	LF	16' High With Base, 21" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	1,564.24	557.67
		For >3:1 Sloped Soil At Top, Add	*38.17*	
32 32 13 00-0015	LF	20' High With Base, 24" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	2,207.63	787.18
		For >3:1 Sloped Soil At Top, Add	*53.83*	

32 32 16 Precast Concrete Retaining Walls *(32 32)*

32 32 16 00-0001		**Precast Retaining Walls** *(32 32 16)* Note: Tied-back earth walls. Includes precast filter fabric, soil reinforcing mesh and cast-in-place coping. Excludes concrete leveling pad, or select earth excavation and backfill.		
32 32 16 00-0002	SF	10-15' High, Tied-back, Precast Concrete Retaining Walls	106.56	15.39
32 32 16 00-0003	SF	16-20' High, Tied-back, Precast Concrete Retaining Walls	109.45	12.36
32 32 16 00-0004	SF	21-25' High, Tied-back, Precast Concrete Retaining Walls	113.55	10.31
32 32 16 00-0005	SF	26-30' High, Tied-back, Precast Concrete Retaining Walls	122.79	10.31
32 32 16 00-0006	SF	>30' High, Tied-back, Precast Concrete Retaining Walls	129.92	8.79

32 32 23 Segmental Retaining Walls *(32 32)*

32 32 23 13 Segmental Concrete Unit Masonry Retaining Walls *(32 32 23)*

32 32 23 13-0001		**Modular Retaining Wall Systems** *(32 32 23 13)* Note: Includes installation, material and manufacturer's wall design. Includes stone wall, cap stones, #57 stone backing, Geo-Grid (2/3 height of wall), miradrain and fill with earth, and compaction. Includes cap at top, pins, and installation. Excludes initial site grading, subbase preparation or finish grading.		
32 32 23 13-0002		**"Amastone" Type Modular Retaining Wall Systems** *(32 32 23 13-0001)*		
32 32 23 13-0003	SF	Up To 4' Height "Amastone" Type Modular Retaining Wall System	75.31	9.46
		For >3:1 Sloped Soil At Top, Add	*4.79*	
32 32 23 13-0004	SF	4 To 8' Height "Amastone" Type Modular Retaining Wall System	79.46	9.96
		For >3:1 Sloped Soil At Top, Add	*5.06*	
32 32 23 13-0005	SF	8 To 12' Height "Amastone" Type Modular Retaining Wall System	82.80	10.95
		For >3:1 Sloped Soil At Top, Add	*5.18*	
32 32 23 13-0006	SF	12 To 16' Height "Amastone" Type Modular Retaining Wall System	86.34	11.95
		For >3:1 Sloped Soil At Top, Add	*5.31*	
32 32 23 13-0007		**"Diamond" Type Modular Retaining Wall Systems** *(32 32 23 13-0001)*		
32 32 23 13-0008	SF	Up To 4' Height "Diamond" Type Modular Retaining Wall System	78.26	9.46
		For >3:1 Sloped Soil At Top, Add	*5.04*	
32 32 23 13-0009	SF	4 To 8' Height "Diamond" Type Modular Retaining Wall System	82.41	9.96
		For >3:1 Sloped Soil At Top, Add	*5.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 23 13-0010	SF	8 To 12' Height "Diamond" Type Modular Retaining Wall System	85.74	10.95
		For >3:1 Sloped Soil At Top, Add	*5.43*	
32 32 23 13-0011	SF	12 To 16' Height "Diamond" Type Modular Retaining Wall System	89.28	11.95
		For >3:1 Sloped Soil At Top, Add	*5.56*	

32 32 23 13-0012 "Keystone" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*

32 32 23 13-0013	SF	Up To 4' Height "Keystone" Type Modular Retaining Wall System	85.30	9.46
		For >3:1 Sloped Soil At Top, Add	*5.64*	
32 32 23 13-0014	SF	4 To 8' Height "Keystone" Type Modular Retaining Wall System	89.45	9.96
		For >3:1 Sloped Soil At Top, Add	*5.91*	
32 32 23 13-0015	SF	8 To 12' Height "Keystone" Type Modular Retaining Wall System	92.79	10.95
		For >3:1 Sloped Soil At Top, Add	*6.02*	
32 32 23 13-0016	SF	12 To 16' Height "Keystone" Type Modular Retaining Wall System	96.33	11.95
		For >3:1 Sloped Soil At Top, Add	*6.16*	

32 32 23 13-0017 "Criblock" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*

32 32 23 13-0018	SF	Up To 4' Height "Criblock" Type Modular Retaining Wall System	75.31	9.46
		For >3:1 Sloped Soil At Top, Add	*4.79*	
		For Gravel Backfill Instead Of Earth, Add	*0.25*	
32 32 23 13-0019	SF	4 To 8' Height "Criblock" Type Modular Retaining Wall System	79.46	9.96
		For >3:1 Sloped Soil At Top, Add	*5.06*	
		For Gravel Backfill Instead Of Earth, Add	*0.25*	
32 32 23 13-0020	SF	8 To 12' Height "Criblock" Type Modular Retaining Wall System	82.80	10.95
		For >3:1 Sloped Soil At Top, Add	*5.18*	
		For Gravel Backfill Instead Of Earth, Add	*0.25*	
32 32 23 13-0021	SF	12 To 16' Height "Criblock" Type Modular Retaining Wall System	86.34	11.95
		For >3:1 Sloped Soil At Top, Add	*5.31*	
		For Gravel Backfill Instead Of Earth, Add	*0.25*	

32 32 23 13-0022 "Versa-Lok" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*

32 32 23 13-0023	SF	Up To 4' Height "Versa-Lok" Type Modular Retaining Wall System	66.37	9.46
		For >3:1 Sloped Soil At Top, Add	*4.03*	
32 32 23 13-0024	SF	4 To 8' Height "Versa-Lok" Type Modular Retaining Wall System	73.46	9.96
		For >3:1 Sloped Soil At Top, Add	*4.55*	
32 32 23 13-0025	SF	8 To 12' Height "Versa-Lok" Type Modular Retaining Wall System	76.85	10.95
		For >3:1 Sloped Soil At Top, Add	*4.67*	
32 32 23 13-0026	SF	12 To 16' Height "Versa-Lok" Type Modular Retaining Wall System	79.84	11.95
		For >3:1 Sloped Soil At Top, Add	*4.75*	

32 32 23 13-0027 Retaining Wall Cap Block Restoration *(32 32 23 13-0001)*

Note: Includes removal of existing cap block and installation of new cap block to match.

32 32 23 13-0028	LF	Removal And Reinstall Retaining Wall Cap Block And Pins	41.55	
		For >3:1 Sloped Soil At Top, Add	*2.36*	

32 32 26 Metal Crib Retaining Walls *(32 32)*

32 32 26 00-0001 Bin Type Retaining Wall *(32 32 26)*

32 32 26 00-0002 Vertical Bin Walls *(32 32 26 00-0001)*

Note: Excludes excavation and backfill.

32 32 26 00-0003	SF	5.5' Vertical Bin Retaining Wall, Wall Heights To 11'	81.12
32 32 26 00-0004	SF	7.7' Vertical Bin Retaining Wall, Wall Heights, 8.33' To 16.33'	95.90
32 32 26 00-0005	SF	9.9' Vertical Bin Retaining Wall, Wall Heights, 13.67' To 21.67'	111.72
32 32 26 00-0006	SF	12.1' Vertical Bin Retain Wall, Wall Heights 17.67' To 25.67'	120.58
32 32 26 00-0007	SF	14.3' Vertical Bin Retain Wall, Wall Heights 20.33' To 28.33'	134.76
32 32 26 00-0008	SF	16.5' Vertical Bin Retain Wall, Wall Heights 20.33' To 28.33'	143.62

32 32 26 00-0009 Battered Bin Walls *(32 32 26 00-0001)*

Note: Excludes excavation and backfill.

32 32 26 00-0010	SF	5.5' Battered Bin Retain Wall, Wall Heights To 11'	72.41
32 32 26 00-0011	SF	7.7' Battered Bin Retain Wall, Wall Heights 8.33' To 16.33'	78.32
32 32 26 00-0012	SF	9.9' Battered Bin Retain Wall, Wall Heights 13.67' To 21.67'	88.11
32 32 26 00-0013	SF	12.1' Battered Bin Retain Wall, Wall Heights 17.67' To 25.67'	98.45
32 32 26 00-0014	SF	14.3' Battered Bin Retain Wall, Wall Heights 20.33' To 28.33'	115.27
32 32 26 00-0015	SF	16.5' Battered Bin Retain Wall, Wall Heights 20.33' To 28.33'	118.22

32 32 26 00-0016 Aluminized Steel Bin *(32 32 26)*

Note: Excludes excavation and backfill.

32 32 26 00-0017	SF	4' High, 5.5' Deep Aluminized Steel Bin	48.88	5.72
		For >3:1 Sloped Soil At Top, Add	*3.18*	
		For Galvanized Type, Deduct	*-3.75*	
32 32 26 00-0018	SF	8' High, 5.5' Deep Aluminized Steel Bin	54.68	5.72
		For >3:1 Sloped Soil At Top, Add	*3.67*	
		For Galvanized Type, Deduct	*-4.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 26 00-0019	SF	10' High, 7.7' Deep Aluminized Steel Bin	58.40	6.26
		For >3:1 Sloped Soil At Top, Add	*3.91*	
		For Galvanized Type, Deduct	*-4.60*	
32 32 26 00-0020	SF	12' High, 7.7' Deep Aluminized Steel Bin	66.52	7.06
		For >3:1 Sloped Soil At Top, Add	*4.45*	
		For Galvanized Type, Deduct	*-5.24*	
32 32 26 00-0021	SF	16' High, 7.7' Deep Aluminized Steel Bin	64.09	7.33
		For >3:1 Sloped Soil At Top, Add	*4.21*	
		For Galvanized Type, Deduct	*-4.96*	
32 32 26 00-0022	SF	16' High, 9.9' Deep Aluminized Steel Bin	71.38	7.45
		For >3:1 Sloped Soil At Top, Add	*4.81*	
		For Galvanized Type, Deduct	*-5.66*	
32 32 26 00-0023	SF	20' High, 9.9' Deep Aluminized Steel Bin	79.16	7.86
		For >3:1 Sloped Soil At Top, Add	*5.38*	
		For Galvanized Type, Deduct	*-6.33*	
32 32 26 00-0024	SF	20' High, 12.1' Deep Aluminized Steel Bin	81.06	8.25
		For >3:1 Sloped Soil At Top, Add	*5.50*	
		For Galvanized Type, Deduct	*-6.47*	
32 32 26 00-0025	SF	24' High, 12.1' Deep Aluminized Steel Bin	85.24	8.25
		For >3:1 Sloped Soil At Top, Add	*5.84*	
		For Galvanized Type, Deduct	*-6.87*	
32 32 26 00-0026	SF	24' High, 14.3' Deep Aluminized Steel Bin	89.41	8.39
		For >3:1 Sloped Soil At Top, Add	*6.18*	
		For Galvanized Type, Deduct	*-7.28*	
32 32 26 00-0027	SF	28' High, 14.3' Deep Aluminized Steel Bin	92.38	8.52
		For >3:1 Sloped Soil At Top, Add	*6.41*	
		For Galvanized Type, Deduct	*-7.55*	

32 32 29 Timber Retaining Walls *(32 32)*

32 32 29 00-0001 Wood Post Retaining Walls *(32 32 29)*

Note: System includes wood posts installed side-by-side to various heights, and underdrain. Excludes initial site grading, subbase preparation or finish grading.

32 32 29 00-0002	LF	4" x 4", 1' High, Redwood, Wood Post Retaining Walls	93.39	30.89
		For >3:1 Sloped Soil At Top, Add	*2.70*	
32 32 29 00-0003	LF	4" x 4", 2' High, Redwood, Wood Post Retaining Walls	182.74	60.47
		For >3:1 Sloped Soil At Top, Add	*5.26*	
32 32 29 00-0004	LF	4" x 4", 1' High, Cedar, Wood Post Retaining Walls	89.34	30.89
		For >3:1 Sloped Soil At Top, Add	*2.35*	
32 32 29 00-0005	LF	4" x 4", 2' High, Cedar, Wood Post Retaining Walls	174.87	60.47
		For >3:1 Sloped Soil At Top, Add	*4.59*	
32 32 29 00-0006	LF	4" x 4", 1' High, Pressure Treated Lumber, Wood Post Retaining Walls	84.41	26.99
		For >3:1 Sloped Soil At Top, Add	*2.58*	
32 32 29 00-0007	LF	4" x 4", 2' High, Pressure Treated Lumber, Wood Post Retaining Walls	165.25	52.78
		For >3:1 Sloped Soil At Top, Add	*5.07*	
32 32 29 00-0008	LF	4" x 4", 1' High, Creosoted Lumber, Wood Post Retaining Walls	74.70	23.95
		For >3:1 Sloped Soil At Top, Add	*2.28*	
32 32 29 00-0009	LF	4" x 4", 2' High, Creosoted Lumber, Wood Post Retaining Walls	135.07	43.35
		For >3:1 Sloped Soil At Top, Add	*4.11*	
32 32 29 00-0010	LF	6" x 6", 2' High, Redwood, Wood Post Retaining Walls	250.01	73.27
		For >3:1 Sloped Soil At Top, Add	*8.80*	
32 32 29 00-0011	LF	6" x 6", 4' High, Redwood, Wood Post Retaining Walls	494.10	143.61
		For >3:1 Sloped Soil At Top, Add	*17.60*	
32 32 29 00-0012	LF	6" x 6", 2' High, Cedar, Wood Post Retaining Walls	245.51	73.27
		For >3:1 Sloped Soil At Top, Add	*8.42*	
32 32 29 00-0013	LF	6" x 6", 4' High, Cedar, Wood Post Retaining Walls	482.85	143.61
		For >3:1 Sloped Soil At Top, Add	*16.64*	
32 32 29 00-0014	LF	6" x 6", 2' High, Pressure Treated Lumber, Wood Post Retaining Walls	215.80	59.50
		For >3:1 Sloped Soil At Top, Add	*8.22*	
32 32 29 00-0015	LF	6" x 6", 4' High, Pressure Treated Lumber, Wood Post Retaining Walls	428.54	117.48
		For >3:1 Sloped Soil At Top, Add	*16.45*	
32 32 29 00-0016	LF	6" x 6", 2' High, Creosoted Lumber, Wood Post Retaining Walls	172.87	47.58
		For >3:1 Sloped Soil At Top, Add	*6.60*	
32 32 29 00-0017	LF	6" x 6", 4' High, Creosoted Lumber, Wood Post Retaining Walls	340.30	93.10
		For >3:1 Sloped Soil At Top, Add	*13.10*	
32 32 29 00-0018	LF	8" x 8", 4' High, Redwood, Wood Post Retaining Walls	625.86	158.77
		For >3:1 Sloped Soil At Top, Add	*26.20*	
32 32 29 00-0019	LF	8" x 8", 6' High, Redwood, Wood Post Retaining Walls	1,171.00	296.42
		For >3:1 Sloped Soil At Top, Add	*49.15*	
32 32 29 00-0020	LF	8" x 8", 4' High, Cedar, Wood Post Retaining Walls	603.36	158.77
		For >3:1 Sloped Soil At Top, Add	*24.29*	
32 32 29 00-0021	LF	8" x 8", 6' High, Cedar, Wood Post Retaining Walls	1,128.25	296.42
		For >3:1 Sloped Soil At Top, Add	*45.52*	
32 32 29 00-0022	LF	8" x 8", 4' High, Pressure Treated Lumber, Wood Post Retaining Walls	595.85	183.16
		For >3:1 Sloped Soil At Top, Add	*19.51*	
32 32 29 00-0023	LF	8" x 8", 6' High, Pressure Treated Lumber, Wood Post Retaining Walls	1,111.61	342.05
		For >3:1 Sloped Soil At Top, Add	*36.34*	
32 32 29 00-0024	LF	8" x 8", 4' High, Creosoted Lumber, Wood Post Retaining Walls	481.70	148.05
		For >3:1 Sloped Soil At Top, Add	*15.78*	
32 32 29 00-0025	LF	8" x 8", 6' High, Creosoted Lumber, Wood Post Retaining Walls	893.42	274.64
		For >3:1 Sloped Soil At Top, Add	*29.26*	
32 32 29 00-0026	LF	4' High, Cedar, Random Diameter Poles, Wood Post Retaining Walls	178.37	61.02
		For >3:1 Sloped Soil At Top, Add	*4.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 29 00-0027	LF	6' High, Cedar, Random Diameter Poles, Wood Post Retaining Walls	266.43	91.58
		For >3:1 Sloped Soil At Top, Add	*7.08*	
32 32 29 00-0028	LF	8' High, Cedar, Random Diameter Poles, Wood Post Retaining Walls	354.39	122.03
		For >3:1 Sloped Soil At Top, Add	*9.37*	
32 32 29 00-0029	LF	4' High Creosoted Lumber, Random Diameter Poles, Wood Post Retaining Walls	124.12	34.46
		For >3:1 Sloped Soil At Top, Add	*4.69*	
32 32 29 00-0030	LF	6' High Creosoted Lumber, Random Diameter Poles, Wood Post Retaining Walls	180.52	49.75
		For >3:1 Sloped Soil At Top, Add	*6.89*	
32 32 29 00-0031	LF	8' High Creosoted Lumber, Random Diameter Poles, Wood Post Retaining Walls	244.56	67.19
		For >3:1 Sloped Soil At Top, Add	*9.37*	

32 32 29 00-0032 Post And Board Retaining Walls *(32 32 29)*

Note: System includes all the elements that must go into a wall that resists lateral pressure. System elements include posts and boards, cap, underdrain, and deadman where required. Excludes initial site grading, subbase preparation or finish grading.

32 32 29 00-0033	LF	4" x 4" Post, 4' Spacing, 3' High, 2" Planking, Redwood, Post And Board Retaining Walls	77.48	18.31
		For >3:1 Sloped Soil At Top, Add	*3.47*	
32 32 29 00-0034	LF	4" x 4" Post, 2' Spacing, 4' High, 2" Planking, Redwood, Post And Board Retaining Walls	117.70	31.32
		For >3:1 Sloped Soil At Top, Add	*4.69*	
32 32 29 00-0035	LF	6" x 6" Post, 4' Spacing, 5' High 2" Planking, Redwood, Post And Board Retaining Walls	155.48	38.91
		For >3:1 Sloped Soil At Top, Add	*6.60*	
32 32 29 00-0036	LF	6" x 6" Post, 3' Spacing, 6' High, 2" Planking, Redwood, Post And Board Retaining Walls	217.09	55.16
		For >3:1 Sloped Soil At Top, Add	*9.08*	
32 32 29 00-0037	LF	6" x 6" With Deadman, 3' Spacing, 8' High, 2" Planking, Redwood, Post And Board Retaining Walls	284.09	71.75
		For >3:1 Sloped Soil At Top, Add	*11.95*	
32 32 29 00-0038	LF	8" x 8" Post, 2' Spacing, 8' High, 2" Planking, Redwood, Post And Board Retaining Walls	585.44	141.97
		For >3:1 Sloped Soil At Top, Add	*25.63*	
32 32 29 00-0039	LF	8" x 8" With Deadman, 2' Spacing, 9' High, 2" Planking, Redwood, Post And Board Retaining Walls	663.19	157.26
		For >3:1 Sloped Soil At Top, Add	*29.64*	
32 32 29 00-0040	LF	4" x 4" Post, 4' Spacing, 3' High, 2" Planking, Cedar, Post And Board Retaining Walls	78.43	19.08
		For >3:1 Sloped Soil At Top, Add	*3.42*	
32 32 29 00-0041	LF	4" x 4" With Deadman, 2' Spacing, 4' High 2" Planking, Cedar, Post And Board Retaining Walls	137.53	33.92
		For >3:1 Sloped Soil At Top, Add	*5.93*	
32 32 29 00-0042	LF	6" x 6" Post, 4' Spacing, 4' High 2" Planking, Cedar, Post And Board Retaining Walls	135.18	33.27
		For >3:1 Sloped Soil At Top, Add	*5.83*	
32 32 29 00-0043	LF	6" x 6" Post, 3' Spacing, 5' High 2" Planking, Cedar, Post And Board Retaining Walls	188.94	47.79
		For >3:1 Sloped Soil At Top, Add	*7.94*	
32 32 29 00-0044	LF	6" x 6" Post, 2' Spacing, 6' High 2" Planking, Cedar, Post And Board Retaining Walls	293.28	76.30
		For >3:1 Sloped Soil At Top, Add	*11.95*	
32 32 29 00-0045	LF	6 x 6 Post With Deadman, 3' Spacing, 6' High, 2" Planking, Cedar	233.10	58.63
		For >3:1 Sloped Soil At Top, Add	*9.85*	
32 32 29 00-0046	LF	8 x 8 Post With Deadman, 2' Spacing, 8' High, 2" Planking, Cedar	605.76	146.53
		For >3:1 Sloped Soil At Top, Add	*26.58*	
32 32 29 00-0047	LF	4 x 4 Post, 4' Spacing, 3' High 2" Planking, Pressure Treated	93.59	35.23
		For >3:1 Sloped Soil At Top, Add	*1.96*	
32 32 29 00-0048	LF	4 x 4 Post, 3' Spacing, 4' High 2" Planking, Pressure Treated	135.81	50.07
		For >3:1 Sloped Soil At Top, Add	*3.03*	
32 32 29 00-0049	LF	4 x 4 Post With Deadman, 2' Space, 5' High, 2" Planking, Pressure Treat	199.24	68.71
		For >3:1 Sloped Soil At Top, Add	*5.26*	
32 32 29 00-0050	LF	6 x 6 Post, 3' Spacing, 6' High, 2" Planking, Pressure Treated	352.35	115.97
		For >3:1 Sloped Soil At Top, Add	*10.23*	
32 32 29 00-0051	LF	6 x 6 Post, 2' Spacing, 7' High, 2" Planking, Pressure Treated	357.98	115.97
		For >3:1 Sloped Soil At Top, Add	*10.71*	
32 32 29 00-0052	LF	6 x 6 Post With Deadman, 3' Spacing 8' High, 2" Planking, Pressure Treat	335.37	111.41
		For >3:1 Sloped Soil At Top, Add	*9.56*	
32 32 29 00-0053	LF	8 x 8 Post With Deadman, 2' Spacing 10' High, 2" Planking, Pressure Treated	791.55	256.31
		For >3:1 Sloped Soil At Top, Add	*23.72*	
32 32 29 00-0054	LF	4 x 4 Post, 4' Spacing, 3' High Creosoted 2" Planking	93.59	35.23
		For >3:1 Sloped Soil At Top, Add	*1.96*	
32 32 29 00-0055	LF	4 x 4 Post, 3' Spacing, 4' High Creosoted, 2" Planking	135.81	50.07
		For >3:1 Sloped Soil At Top, Add	*3.03*	
32 32 29 00-0056	LF	4 x 4 Post With Deadman, 2' Spacing, 5' High, Creosoted, 2" Planking	199.24	68.71
		For >3:1 Sloped Soil At Top, Add	*5.26*	
32 32 29 00-0057	LF	6 x 6 Post, 3' Spacing, 6' High Creosoted, 2" Planking	250.81	85.51
		For >3:1 Sloped Soil At Top, Add	*6.79*	
32 32 29 00-0058	LF	6" x 6" Post, 2' Spacing, 7' High, 2" Planking, Creosoted, Post And Board Retaining Walls	352.35	115.97
		For >3:1 Sloped Soil At Top, Add	*10.23*	
32 32 29 00-0059	LF	6" x 6" Post With Deadman, 3' Spacing, 8' High, 2" Planking, Creosoted, Post And Board Retaining Walls	335.37	111.41
		For >3:1 Sloped Soil At Top, Add	*9.56*	
32 32 29 00-0060	LF	8" x 8" Post With Deadman, 2' Spacing, 10' High, Creosoted, 2" Planking, Post And Board Retaining Walls	791.55	256.31
		For >3:1 Sloped Soil At Top, Add	*23.72*	

32 32 29 00-0061 Wood Tie Retaining Walls, Rod Connector At 4' *(32 32 29)*

Note: The system includes all the elements that must go into a wall that resists lateral pressure. System elements include: wood ties, threaded rod (1/2" diameter), underdrain, and deadman where required. Excludes initial site grading, subbase preparation or finish grading.

32 32 29 00-0062 Redwood *(32 32 29 00-0061)*

32 32 29 00-0063	LF	2' High, 6" x 6" Wood Tie Wall	129.10	37.50
		For >3:1 Sloped Soil At Top, Add	*4.59*	
32 32 29 00-0064	LF	4' High, 6" x 6" Wood Tie Wall Deadman At 6'	294.69	85.51
		For >3:1 Sloped Soil At Top, Add	*10.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 29 00-0065	LF	6' High, 6" x 6" Wood Tie Wall Deadman At 6'	440.99	128.21
		For >3:1 Sloped Soil At Top, Add	*15.68*	
32 32 29 00-0066	LF	4' High, 8" x 8" Wood Tie Wall Deadman At 6'	433.52	109.89
		For >3:1 Sloped Soil At Top, Add	*18.17*	
32 32 29 00-0067	LF	6' High, 8" x 8" Wood Tie Wall Deadman At 6'	651.53	164.85
		For >3:1 Sloped Soil At Top, Add	*27.35*	
32 32 29 00-0068	LF	8' High, 8" x 8" Wood Tie Wall Deadman At 6'	860.95	216.76
		For >3:1 Sloped Soil At Top, Add	*36.34*	

32 32 29 00-0069 Cedar *(32 32 29 00-0061)*

32 32 29 00-0070	LF	2' High, 6" x 6" Wood Tie Wall	126.85	37.50
		For >3:1 Sloped Soil At Top, Add	*4.40*	
32 32 29 00-0071	LF	4' High, 6" x 6" Wood Tie Wall Deadman At 6'	287.94	85.51
		For >3:1 Sloped Soil At Top, Add	*9.95*	
32 32 29 00-0072	LF	6' High, 6" x 6" Wood Tie Wall Deadman At 6'	431.99	128.21
		For >3:1 Sloped Soil At Top, Add	*14.92*	
32 32 29 00-0073	LF	4' High, 8" x 8" Wood Tie Wall Deadman At 6'	417.77	109.89
		For >3:1 Sloped Soil At Top, Add	*16.83*	
32 32 29 00-0074	LF	6' High, 8" x 8" Wood Tie Wall Deadman At 6'	629.03	164.85
		For >3:1 Sloped Soil At Top, Add	*25.44*	
32 32 29 00-0075	LF	8' High, 8" x 8" Wood Tie Wall Deadman At 6'	829.45	216.76
		For >3:1 Sloped Soil At Top, Add	*33.66*	

32 32 29 00-0076 Creosoted Wood *(32 32 29 00-0061)*

32 32 29 00-0077	LF	2' High, 6" x 8" Wood Tie Wall	137.88	49.75
		For >3:1 Sloped Soil At Top, Add	*3.26*	
32 32 29 00-0078	LF	4' High, 6" x 8" Wood Tie Wall Deadman At 6'	315.60	114.45
		For >3:1 Sloped Soil At Top, Add	*7.36*	
32 32 29 00-0079	LF	6' High, 6" x 8" Wood Tie Wall Deadman At 6'	468.19	169.39
		For >3:1 Sloped Soil At Top, Add	*11.00*	
32 32 29 00-0080	LF	4' High, 7" x 9" Wood Tie Wall Deadman At 6'	634.16	230.42
		For >3:1 Sloped Soil At Top, Add	*14.73*	
32 32 29 00-0081	LF	6' High, 7" x 9" Wood Tie Wall Deadman At 6'	923.28	335.65
		For >3:1 Sloped Soil At Top, Add	*21.42*	
32 32 29 00-0082	LF	8' High, 7" x 9" Wood Tie Wall Deadman At 6'	1,225.31	445.00
		For >3:1 Sloped Soil At Top, Add	*28.50*	

32 32 29 00-0083 Pressure Treated Wood *(32 32 29 00-0061)*

32 32 29 00-0084	LF	2' High, 6" x 6" Wood Tie Wall	112.72	30.99
		For >3:1 Sloped Soil At Top, Add	*4.31*	
32 32 29 00-0085	LF	4' High, 6" x 6" Wood Tie Wall Deadman At 6'	256.30	70.23
		For >3:1 Sloped Soil At Top, Add	*9.85*	
32 32 29 00-0086	LF	6' High, 6" x 6" Wood Tie Wall Deadman At 6'	383.88	105.35
		For >3:1 Sloped Soil At Top, Add	*14.73*	
32 32 29 00-0087	LF	4' High, 8" x 8" Wood Tie Wall Deadman At 6'	411.91	126.69
		For >3:1 Sloped Soil At Top, Add	*13.48*	
32 32 29 00-0088	LF	6' High, 8" x 8" Wood Tie Wall Deadman At 6'	619.33	189.34
		For >3:1 Sloped Soil At Top, Add	*20.46*	
32 32 29 00-0089	LF	8' High, 8" x 8" Wood Tie Wall Deadman At 6'	820.72	251.76
		For >3:1 Sloped Soil At Top, Add	*26.97*	

32 32 53 Stone Retaining Walls *(32 32)*

32 32 53 00-0001 Stone Retaining Walls *(32 32 53)*

Note: Construction is either dry set or mortar set. System includes concrete base, crushed stone, underdrain, and backfill. Standard design to have 12" thick top with vertical backside and sloped face at 2" per foot of height. Excludes initial site grading, subbase preparation or finish grading.

32 32 53 00-0002 Stone Retaining Walls *(32 32 53 00-0001)*

Note: Stone at $16.00/ton.

32 32 53 00-0003	LF	$16.00/ton 3' High Stone Retaining Wall, Dry Set	502.19	224.19
		For >3:1 Sloped Soil At Top, Add	*4.57*	
32 32 53 00-0004	LF	$16.00/ton 4' High Stone Retaining Wall, Dry Set	592.21	266.71
		For >3:1 Sloped Soil At Top, Add	*4.99*	
32 32 53 00-0005	LF	$16.00/ton 6' High Stone Retaining Wall, Dry Set	777.39	354.36
		For >3:1 Sloped Soil At Top, Add	*5.84*	
32 32 53 00-0006	LF	$16.00/ton 8' High Stone Retaining Wall, Dry Set	1,196.86	554.04
		For >3:1 Sloped Soil At Top, Add	*7.54*	
32 32 53 00-0007	LF	$16.00/ton 10' High Stone Retaining Wall, Dry Set	1,554.51	724.75
		For >3:1 Sloped Soil At Top, Add	*8.92*	
32 32 53 00-0008	LF	$16.00/ton 12' High Stone Retaining Wall, Dry Set	1,928.80	902.52
		For >3:1 Sloped Soil At Top, Add	*10.51*	
32 32 53 00-0009	LF	$16.00/ton 3' High Stone Retaining Wall, Mortar Set	450.70	198.49
		For >3:1 Sloped Soil At Top, Add	*4.57*	
32 32 53 00-0010	LF	$16.00/ton 4' High Stone Retaining Wall, Mortar Set	528.47	234.85
		For >3:1 Sloped Soil At Top, Add	*4.99*	
32 32 53 00-0011	LF	$16.00/ton 6' High Stone Retaining Wall, Mortar Set	683.30	307.24
		For >3:1 Sloped Soil At Top, Add	*5.84*	
32 32 53 00-0012	LF	$16.00/ton 8' High Stone Retaining Wall, Mortar Set	1,045.42	478.35
		For >3:1 Sloped Soil At Top, Add	*7.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 53 00-0013	LF	$16.00/ton 10' High Stone Retaining Wall, Mortar Set	1,342.07	618.58
		For >3:1 Sloped Soil At Top, Add	*8.92*	
32 32 53 00-0014	LF	$16.00/ton 12' High Stone Retaining Wall, Mortar Set	1,666.76	771.55
		For >3:1 Sloped Soil At Top, Add	*10.51*	
32 32 53 00-0015		**Stone Retaining Walls** *(32 32 53 00-0001)*		
		Note: Stone at $32.00/ton.		
32 32 53 00-0016	LF	$32.00/ton 3' High Stone Retaining Wall, Dry Set	518.43	224.19
		For >3:1 Sloped Soil At Top, Add	*5.95*	
32 32 53 00-0017	LF	$32.00/ton 4' High Stone Retaining Wall, Dry Set	614.70	266.71
		For >3:1 Sloped Soil At Top, Add	*6.90*	
32 32 53 00-0018	LF	$32.00/ton 6' High Stone Retaining Wall, Dry Set	809.88	354.36
		For >3:1 Sloped Soil At Top, Add	*8.60*	
32 32 53 00-0019	LF	$32.00/ton 8' High Stone Retaining Wall, Dry Set	1,244.34	554.04
		For >3:1 Sloped Soil At Top, Add	*11.58*	
32 32 53 00-0020	LF	$32.00/ton 10' High Stone Retaining Wall, Dry Set	1,619.48	724.75
		For >3:1 Sloped Soil At Top, Add	*14.44*	
32 32 53 00-0021	LF	$32.00/ton 12' High Stone Retaining Wall, Dry Set	2,011.27	902.52
		For >3:1 Sloped Soil At Top, Add	*17.52*	
32 32 53 00-0022	LF	$32.00/ton 3' High Stone Retaining Wall, Mortar Set	466.94	198.49
		For >3:1 Sloped Soil At Top, Add	*5.95*	
32 32 53 00-0023	LF	$32.00/ton 4' High Stone Retaining Wall, Mortar Set	550.96	234.85
		For >3:1 Sloped Soil At Top, Add	*6.90*	
32 32 53 00-0024	LF	$32.00/ton 6' High Stone Retaining Wall, Mortar Set	715.79	307.24
		For >3:1 Sloped Soil At Top, Add	*8.60*	
32 32 53 00-0025	LF	$32.00/ton 8' High Stone Retaining Wall, Mortar Set	1,092.90	478.35
		For >3:1 Sloped Soil At Top, Add	*11.58*	
32 32 53 00-0026	LF	$32.00/ton 10' High Stone Retaining Wall, Mortar Set	1,407.04	618.58
		For >3:1 Sloped Soil At Top, Add	*14.44*	
32 32 53 00-0027	LF	$32.00/ton 12' High Stone Retaining Wall, Mortar Set	1,749.23	771.55
		For >3:1 Sloped Soil At Top, Add	*17.52*	
32 32 53 00-0028		**Stone Retaining Walls** *(32 32 53 00-0001)*		
		Note: Stone at $48.00/ton.		
32 32 53 00-0029	LF	$48.00/ton 3' High Stone Retaining Wall, Dry Set	535.92	224.19
		For >3:1 Sloped Soil At Top, Add	*7.43*	
32 32 53 00-0030	LF	$48.00/ton 4' High Stone Retaining Wall, Dry Set	636.94	266.71
		For >3:1 Sloped Soil At Top, Add	*8.79*	
32 32 53 00-0031	LF	$48.00/ton 6' High Stone Retaining Wall, Dry Set	841.12	354.36
		For >3:1 Sloped Soil At Top, Add	*11.26*	
32 32 53 00-0032	LF	$48.00/ton 8' High Stone Retaining Wall, Dry Set	1,291.83	554.04
		For >3:1 Sloped Soil At Top, Add	*15.61*	
32 32 53 00-0033	LF	$48.00/ton 10' High Stone Retaining Wall, Dry Set	1,684.45	724.75
		For >3:1 Sloped Soil At Top, Add	*19.97*	
32 32 53 00-0034	LF	$48.00/ton 12' High Stone Retaining Wall, Dry Set	2,094.98	902.52
		For >3:1 Sloped Soil At Top, Add	*24.64*	
32 32 53 00-0035	LF	$48.00/ton 3' High Stone Retaining Wall, Mortar Set	484.43	198.49
		For >3:1 Sloped Soil At Top, Add	*7.43*	
32 32 53 00-0036	LF	$48.00/ton 4' High Stone Retaining Wall, Mortar Set	573.45	234.85
		For >3:1 Sloped Soil At Top, Add	*8.82*	
32 32 53 00-0037	LF	$48.00/ton 6' High Stone Retaining Wall, Mortar Set	747.03	307.24
		For >3:1 Sloped Soil At Top, Add	*11.26*	
32 32 53 00-0038	LF	$48.00/ton 8' High Stone Retaining Wall, Mortar Set	1,140.39	478.35
		For >3:1 Sloped Soil At Top, Add	*15.61*	
32 32 53 00-0039	LF	$48.00/ton 10' High Stone Retaining Wall, Mortar Set	1,472.01	618.58
		For >3:1 Sloped Soil At Top, Add	*19.97*	
32 32 53 00-0040	LF	$48.00/ton 12' High Stone Retaining Wall, Mortar Set	1,832.94	771.55
		For >3:1 Sloped Soil At Top, Add	*24.64*	
32 32 53 00-0041		**Stone Retaining Walls** *(32 32 53 00-0001)*		
		Note: Stone at $64.00/ton.		
32 32 53 00-0042	LF	$64.00/ton 3' High Stone Retaining Wall, Dry Set	553.42	224.19
		For >3:1 Sloped Soil At Top, Add	*8.92*	
32 32 53 00-0043	LF	$64.00/ton 4' High Stone Retaining Wall, Dry Set	634.69	266.71
		For >3:1 Sloped Soil At Top, Add	*8.60*	
32 32 53 00-0044	LF	$64.00/ton 6' High Stone Retaining Wall, Dry Set	874.85	354.36
		For >3:1 Sloped Soil At Top, Add	*14.13*	
32 32 53 00-0045	LF	$64.00/ton 8' High Stone Retaining Wall, Dry Set	1,341.81	554.04
		For >3:1 Sloped Soil At Top, Add	*19.86*	
32 32 53 00-0046	LF	$64.00/ton 10' High Stone Retaining Wall, Dry Set	1,751.93	724.75
		For >3:1 Sloped Soil At Top, Add	*25.70*	
32 32 53 00-0047	LF	$64.00/ton 12' High Stone Retaining Wall, Dry Set	2,179.95	902.52
		For >3:1 Sloped Soil At Top, Add	*31.86*	
32 32 53 00-0048	LF	$64.00/ton 3' High Stone Retaining Wall, Mortar Set	501.93	198.49
		For >3:1 Sloped Soil At Top, Add	*8.92*	
32 32 53 00-0049	LF	$64.00/ton 4' High Stone Retaining Wall, Mortar Set	595.94	234.85
		For >3:1 Sloped Soil At Top, Add	*10.73*	
32 32 53 00-0050	LF	$64.00/ton 6' High Stone Retaining Wall, Mortar Set	780.76	307.24
		For >3:1 Sloped Soil At Top, Add	*14.13*	
32 32 53 00-0051	LF	$64.00/ton 8' High Stone Retaining Wall, Mortar Set	1,190.37	478.35
		For >3:1 Sloped Soil At Top, Add	*19.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 53 00-0052	LF	$64.00/ton 10' High Stone Retaining Wall, Mortar Set	1,539.49	618.58
		For >3:1 Sloped Soil At Top, Add	*25.70*	
32 32 53 00-0053	LF	$64.00/ton 12' High Stone Retaining Wall, Mortar Set	1,917.91	771.55
		For >3:1 Sloped Soil At Top, Add	*31.86*	

32 33 Site Furnishings *(32 30)*

32 33 23 Site Trash and Litter Receptacles *(32 33)*

32 33 23 00-0001 Steel Trash Containment *(32 33 23)*

32 33 23 00-0002 Steel Frame Surrounded With Kiln-Dried Wood *(32 33 23 00-0001)*

32 33 23 00-0003	EA	13" x 13" x 30" Ash Receptacle Steel Frame, Kiln Dried Wood	588.23	62.78
32 33 23 00-0004	EA	24" x 24" x 30" High Open Top Trash Container Steel Frame, Kiln Dried Wood	561.83	62.78
32 33 23 00-0005	EA	21" x 21" x 31" High Flat Top Trash Container Steel Frame, Kiln Dried Wood	561.83	62.78
32 33 23 00-0006	EA	24" x 24" x 31" High, Flat Top Trash Container Steel Frame, Kiln Dried Wood	532.14	62.78
32 33 23 00-0007	EA	18" x 18" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood	588.23	62.78
32 33 23 00-0008	EA	23" x 23" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood	532.14	62.78
32 33 23 00-0009	EA	24" x 24" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood	726.80	62.78

32 33 23 00-0010 Square Steel Frames Surrounded With Flat Steel *(32 33 23 00-0001)*

32 33 23 00-0011	EA	26" Diameter x 34" High Open Top Trash Square Container Steel Frame, Flat Steel Surround	1,058.85	62.78
32 33 23 00-0012	EA	26" Diameter x 34" High Dome Top Trash Square Container Steel Frame, Flat Steel Surround	1,142.70	62.78
32 33 23 00-0013	EA	26" Diameter x 39" High Dome Top Trash Square Container Steel Frame, Flat Steel Surround	1,142.70	62.78

32 33 23 00-0014 Round Steel Pipe And Flat Steel Frames *(32 33 23 00-0001)*

Note: Surrounded with kiln-dried wood.

32 33 23 00-0015	EA	21" Diameter x 32" High Open Top Trash Container Steel Pipe, Flat Steel Frame, Kiln Dried Wood	1,561.94	62.78
32 33 23 00-0016	EA	21" Diameter x 32" High Flat Top Trash Steel Container Pipe, Flat Steel Frame, Kiln Dried Wood	1,681.73	62.78
32 33 23 00-0017	EA	21" Diameter x 39" High Dome Top Trash Steel Container Pipe, Flat Steel Frame, Kiln Dried Wood	1,936.27	62.78
32 33 23 00-0018	EA	21" Diameter x 40" High HPR Top Trash Container Steel Pipe, Flat Steel Frame, Kiln Dried Wood	1,756.59	62.78

32 33 23 00-0019 Round Steel Pipe Surrounded With Perforated *(32 33 23 00-0001)*

32 33 23 00-0020	EA	21" Diameter x 32" High Open Top Trash Container Perforated Round Steel Pipe	1,397.24	62.78
32 33 23 00-0021	EA	21" Diameter x 32" High Flat Top Trash Container Perforated Round Steel Pipe	1,517.02	62.78
32 33 23 00-0022	EA	21" Diameter x 39" High Dome Top Trash Container Perforated Round Steel Pipe	1,771.57	62.78
32 33 23 00-0023	EA	21" Diameter x 40" High HPR Top Trash Container Perforated Round Steel Pipe	1,606.86	62.78

32 33 23 00-0024 Round Steel Pipe Frames Surrounded With Welded Wire *(32 33 23 00-0001)*

32 33 23 00-0025	EA	21" Diameter x 32" High Flat Top Trash Container Steel Pipe Frame, Welded Wire Surround	1,112.75	62.78
32 33 23 00-0026	EA	21" Diameter x 32" High Open Top Trash Steel Container Pipe Frame, Welded Wire Surround	1,232.54	62.78
32 33 23 00-0027	EA	21" Diameter x 39" High Dome Top Trash Steel Container Pipe Frame, Welded Wire Surround	1,487.08	62.78
32 33 23 00-0028	EA	21" Diameter x 40" High HPR Top Trash Container Steel Pipe Frame, Welded Wire Surround	1,322.37	62.78

32 33 23 00-0029 Litter Baskets *(32 33 23)*

32 33 23 00-0030 Round Wire Litter Baskets *(32 33 23 00-0029)*

32 33 23 00-0031	EA	1.33' Diameter x 1.83' High Round Wire Litter Basket	195.51	6.38
32 33 23 00-0032	EA	1.5' Diameter x 1.83' High Round Wire Litter Basket	246.75	6.38
32 33 23 00-0033	EA	1.75' Diameter x 2.33' High Round Wire Litter Basket	333.69	6.38
32 33 23 00-0034	EA	1.83' Diameter x 2.83' High Round Wire Litter Basket	382.75	6.38

32 33 23 00-0035 Trash Can/Wire Basket Holder *(32 33 23 00-0029)*

32 33 23 00-0036	EA	Steel Post, Single Holder	282.10	51.26
32 33 23 00-0037	EA	Steel Post, Double Holder	380.16	51.26
32 33 23 00-0038	EA	Redwood Post, Single Holder	170.15	51.26
32 33 23 00-0039	EA	Redwood Post, Double Holder	198.60	51.26

32 33 23 00-0040 Litter Receptacles, Freestanding *(32 33 23 00-0029)*

Note: Includes 1-1/2" outside diameter steel leg supports. Wall mounted, includes 3/8" x 3" steel wall plates. Surface mounted, includes 2-1/2" outside diameter steel tube with floor flange, embedded to include 2-1/2" outside diameter steel tube.

32 33 23 00-0041	EA	16" Diameter x 28" High Litter Receptacle, Freestanding Or Embedded	1,570.08	26.16
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0042	EA	16" Diameter x 32" High Litter Receptacle, Freestanding Or Embedded	1,652.56	26.16
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0043	EA	20" Diameter x 36" High Litter Receptacle, Freestanding Or Embedded	1,926.17	39.23
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 23 00-0044	EA	20" Diameter x 40" High Litter Receptacle, Freestanding Embedded	2,008.66	39.23
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0045	EA	16" Diameter x 28" High Litter Receptacle, Pole Mount With Pole	2,091.15	39.23
		For Powder Coated Sand Pan, Add	*50.00*	
		For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add	*22.50*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0046	EA	16" Diameter x 32" High Litter Receptacle, Pole Mount With Pole	2,173.64	39.23
		For Powder Coated Sand Pan, Add	*50.00*	
		For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add	*22.50*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0047	EA	16" Diameter x 28" High Litter Receptacle, Wall Mount	1,734.24	34.00
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
		For 1-1/2" x 6" Diameter Metal Cover Plate , Add	*20.00*	
32 33 23 00-0048	EA	16" Diameter x 32" High Litter Receptacle, Wall Mount	1,816.73	34.00
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
		For 1-1/2" x 6" Diameter Metal Cover Plate , Add	*20.00*	

32 33 23 00-0049 Ash Receptacles *(32 33 23)*

32 33 23 00-0050	EA	12" Diameter x 21" High Ash Receptacle, Freestanding Or Embedded	673.48	26.16
		For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add	*22.50*	
		For Sand Pan, Add	*110.00*	
		For Bowl And Funnel, Add	*120.00*	
32 33 23 00-0051	EA	18" Square Concrete Exposed Aggregate x 36" High Ash Receptacles With 3-1/2" ID iron Pipe With Cap Square Concrete With Steel Liner	288.40	26.16

32 33 23 00-0052 Trash Receptacles *(32 33 23)*

32 33 23 00-0053	EA	Outdoor Covered Steel Receptacle With Liner	1,289.62	26.16
32 33 23 00-0054	EA	Driftwood And Sable Receptacle, 35 Gallon With Liner And Frame	557.49	26.16
32 33 23 00-0055	EA	24" x 24" Square Trash Containment With Exposed Aggregate Finish	726.34	26.16
32 33 23 00-0056	EA	30" x 30" Square Trash Containment With Exposed Aggregate Finish	758.01	28.77
32 33 23 00-0057	EA	36" x 36" Square Trash Containment With Exposed Aggregate Finish	816.10	31.38
32 33 23 00-0058	EA	32 Gallon, Open Round Trash Receptacle, Recycled Plastic Lumber	551.86	20.92
32 33 23 00-0059	EA	32 Gallon, Round Trash Receptacle With Liner And Lid, Recycled Plastic Lumber	658.12	20.92
32 33 23 00-0060	EA	24" x 24" Square 18" High Trash Receptacle, Fiberglass	1,163.21	26.16

32 33 23 00-0061 Trash Containers (Dumpsters) *(32 33 23)*

32 33 23 00-0062	EA	1 CY Straight Side Trash Dumpster	319.14	
32 33 23 00-0063	EA	1.5 CY Straight Side Trash Dumpster	478.72	
32 33 23 00-0064	EA	2 CY Straight Side Trash Dumpster	638.29	
32 33 23 00-0065	EA	2 CY Sloped Side Trash Dumpster	638.29	
32 33 23 00-0066	EA	3 CY Sloped Side Trash Dumpster	957.43	
32 33 23 00-0067	EA	4 CY Sloped Side Trash Dumpster	1,276.57	
32 33 23 00-0068	EA	6 CY Sloped Side Trash Dumpster	1,914.86	
32 33 23 00-0069	EA	8 CY Sloped Side Trash Dumpster	2,553.15	

32 33 33 Site Manufactured Planters *(32 33)*

32 33 33 00-0001 Precast Concrete Planters *(32 33 33)*

32 33 33 00-0002 Circular Precast Concrete Planters *(32 33 33 00-0001)*

32 33 33 00-0003	EA	24" Diameter, 17" Height, Circular Precast Concrete Planter	687.96	31.70
32 33 33 00-0004	EA	24" Diameter, 24" Height, Circular Precast Concrete Planter	771.66	38.03
32 33 33 00-0005	EA	24" Diameter, 33" Height, Circular Precast Concrete Planter	842.68	38.03
32 33 33 00-0006	EA	30" Diameter, 17" Height, Circular Precast Concrete Planter	915.95	44.38
32 33 33 00-0007	EA	30" Diameter, 30" Height, Circular Precast Concrete Planter	1,110.49	57.06
32 33 33 00-0008	EA	36" Diameter, 24" Height, Circular Precast Concrete Planter	1,206.58	57.06
32 33 33 00-0009	EA	36" Diameter, 30" Height, Circular Precast Concrete Planter	1,359.21	63.39
32 33 33 00-0010	EA	48" Diameter, 17" Height, Circular Precast Concrete Planter	1,434.41	63.39
32 33 33 00-0011	EA	48" Diameter, 24" Height, Circular Precast Concrete Planter	1,601.88	79.25
32 33 33 00-0012	EA	48" Diameter, 30" Height, Circular Precast Concrete Planter	1,703.94	84.32
32 33 33 00-0013	EA	48" Diameter, 36" Height, Circular Precast Concrete Planter	1,775.48	88.76
32 33 33 00-0014	EA	60" Diameter, 17" Height, Circular Precast Concrete Planter	1,611.60	79.25
32 33 33 00-0015	EA	60" Diameter, 24" Height, Circular Precast Concrete Planter	1,773.39	88.76
32 33 33 00-0016	EA	60" Diameter, 36" Height, Circular Precast Concrete Planter	2,264.41	95.09
32 33 33 00-0017	EA	72" Diameter, 36" Height, Circular Precast Concrete Planter	2,937.61	120.45
32 33 33 00-0018	EA	84" Diameter, 36" Height, Circular Precast Concrete Planter	3,407.74	126.79

32 33 33 00-0019 Square Precast Concrete Planters *(32 33 33 00-0001)*

32 33 33 00-0020	EA	36" Square, 30" Height, Square Precast Concrete Planter	1,394.53	82.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 33 00-0021	EA	42" Square, 30" Height, Square Precast Concrete Planter	1,594.30	88.76
32 33 33 00-0022	EA	60" Square, 36" Height, Square Precast Concrete Planter	2,502.69	101.44
32 33 33 00-0023	EA	72" Square, 36" Height, Square Precast Concrete Planter	2,669.94	107.77
32 33 33 00-0024		**Rectangular Precast Concrete Planters** *(32 33 33 00-0001)*		
32 33 33 00-0025	EA	33" x 18", 20" Height, Rectangular Precast Concrete Planter	802.99	38.03
32 33 33 00-0026	EA	48" x 18", 20" Height, Rectangular Precast Concrete Planter	947.56	57.06
32 33 33 00-0027	EA	60" x 18", 20" Height, Rectangular Precast Concrete Planter	1,098.11	63.39
32 33 33 00-0028	EA	72" x 18", 20" Height, Rectangular Precast Concrete Planter	1,253.04	79.25
32 33 33 00-0029		**Fiberglass Planters** *(32 33 33)*		
32 33 33 00-0030		**Circular Fiberglass Planters** *(32 33 33 00-0029)*		
32 33 33 00-0031	EA	36" Diameter, 27" High, Circular Fiberglass Planter	2,140.24	31.70
32 33 33 00-0032	EA	60" Diameter, 39" High, Circular Fiberglass Planter	3,571.56	31.70
32 33 33 00-0033	EA	36" Diameter, 24" High, Circular Fiberglass Planter	1,422.01	31.70
32 33 33 00-0034	EA	60" Diameter, 24" High, Circular Fiberglass Planter	2,817.02	31.70
32 33 33 00-0035		**Tapered Circular Fiberglass Planters** *(32 33 33 00-0029)*		
32 33 33 00-0036	EA	24" Diameter, 20" High, Tapered Circular Fiberglass Planter	823.76	31.70
32 33 33 00-0037	EA	30" Diameter, 25" High, Tapered Circular Fiberglass Planter	1,214.56	31.70
32 33 33 00-0038	EA	36" Diameter, 30" High, Tapered Circular Fiberglass Planter	2,176.56	31.70
32 33 33 00-0039	EA	40" Diameter, 36" High, Tapered Circular Fiberglass Planter	3,045.20	31.70
32 33 33 00-0040		**Square Fiberglass Planters** *(32 33 33 00-0029)*		
32 33 33 00-0041	EA	24" Square, 21" High, Square Fiberglass Planter	1,086.36	31.70
32 33 33 00-0042	EA	24" Square, 24" High, Square Fiberglass Planter	1,110.85	31.70
32 33 33 00-0043	EA	30" Square, 12" High, Square Fiberglass Planter	1,123.80	31.70
32 33 33 00-0044	EA	30" Square, 21" High, Square Fiberglass Planter	1,276.81	31.70
32 33 33 00-0045	EA	30" Square, 24" High, Square Fiberglass Planter	1,388.28	31.70
32 33 33 00-0046		**Rectangular Fiberglass Planters** *(32 33 33 00-0029)*		
32 33 33 00-0047	EA	48" x 12", 12" High, Rectangular Fiberglass Planter	1,252.58	31.70
32 33 33 00-0048	EA	48" x 12", 21" High, Rectangular Fiberglass Planter	1,343.99	31.70
32 33 33 00-0049	EA	48" x 24", 12" High, Rectangular Fiberglass Planter	1,755.67	31.70
32 33 33 00-0050	EA	48" x 24", 21" High, Rectangular Fiberglass Planter	1,938.51	31.70
32 33 33 00-0051		**Timber Planters** *(32 33 33)*		
32 33 33 00-0052		**Square Timber Planters** *(32 33 33 00-0051)*		
32 33 33 00-0053	EA	14" Square, 30" High, Square Timber Planter	661.52	62.78
32 33 33 00-0054	EA	21" Square, 30" High, Square Timber Planter	661.52	62.78
32 33 33 00-0055	EA	27" Square, 30" High, Square Timber Planter	1,259.31	62.78
32 33 33 00-0056	EA	34" Square, 30" High, Square Timber Planter	1,090.92	62.78
32 33 33 00-0057	EA	41" Square, 36" High, Square Timber Planter	1,301.41	62.78
32 33 33 00-0058	EA	54" Square, 36" High, Square Timber Planter	3,355.80	62.78
32 33 33 00-0059	EA	81" Square, 36" High, Square Timber Planter	5,048.14	62.78
32 33 33 00-0060		**Rectangular Timber Planters** *(32 33 33 00-0051)*		
32 33 33 00-0061	EA	21" x 14", 30" High, Rectangular Timber Planter	653.10	62.78
32 33 33 00-0062	EA	27" x 14", 30" High, Rectangular Timber Planter	728.87	62.78
32 33 33 00-0063	EA	27" x 21", 30" High, Rectangular Timber Planter	956.20	62.78
32 33 33 00-0064	EA	34" x 21", 30" High, Rectangular Timber Planter	1,057.24	62.78
32 33 33 00-0065	EA	41" x 21", 30" High, Rectangular Timber Planter	1,360.35	62.78
32 33 33 00-0066	EA	34" x 27", 30" High, Rectangular Timber Planter	1,579.26	62.78
32 33 33 00-0067	EA	41" x 27", 30" High, Rectangular Timber Planter	1,764.49	62.78
32 33 33 00-0068	EA	54" x 27", 30" High, Rectangular Timber Planter	2,294.93	62.78
32 33 33 00-0069	EA	54" x 34", 30" High, Rectangular Timber Planter	2,589.61	62.78
32 33 33 00-0070	EA	68" x 34", 36" High, Rectangular Timber Planter	2,951.66	62.78
32 33 33 00-0071	EA	54" x 41", 36" High, Rectangular Timber Planter	2,808.52	62.78
32 33 33 00-0072	EA	68" x 41", 36" High, Rectangular Timber Planter	3,178.99	62.78
32 33 33 00-0073	EA	81" x 41", 36" High, Rectangular Timber Planter	3,557.87	62.78
32 33 43		**Site Seating and Tables** *(32 33)*		
32 33 43 13		**Site Seating** *(32 33 43)*		
32 33 43 13-0001		Benches (Landscapeforms) *(32 33 43 13)*		
		Note: Excludes embedding in concrete See CSI section 32 31 13 13-0001 for drilling and concrete.		
32 33 43 13-0002	EA	72" Backless Wood Or PolySite Bench (Landscapeforms Balustrade)	1,543.07	104.62
32 33 43 13-0003	EA	72" Backed Wood Or PolySite Bench (Landscapeforms Balustrade)	1,916.53	104.62
32 33 43 13-0004	EA	96" Backed Wood Bench (Landscapeforms Balustrade)	2,156.62	104.62
32 33 43 13-0005	EA	End Loop Arms For Backed Bench (Landscapeforms Balustrade)	185.70	26.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 13-0006	EA	72" Backless Wood Or PolySite Bench (Landscapeforms Gretchen's)	1,682.25	104.62
32 33 43 13-0007	EA	96" Backless Wood Bench (Landscapeforms Gretchen's)	1,896.82	104.62
32 33 43 13-0008	EA	72" Backed Wood Or PolySite Bench (Landscapeforms Gretchen's)	2,064.99	104.62
32 33 43 13-0009	EA	96" Backed Wood Bench (Landscapeforms Gretchen's)	2,325.96	104.62
32 33 43 13-0010	EA	72" Backed Wood Or PolySite Bench With Armrest (Landscapeforms Gretchen's)	2,354.95	104.62
32 33 43 13-0011	EA	96" Backed Wood Bench With Armrest (Landscapeforms Gretchen's)	2,615.92	104.62
32 33 43 13-0012	EA	59" Backed Wood Or Metal Rod Bench (Landscapeforms Hyde Park)	3,042.28	104.62
32 33 43 13-0013	EA	75" Backed Wood Or Metal Rod Bench (Landscapeforms Hyde Park)	3,302.31	104.62
32 33 43 13-0014	EA	42" Backless Metal Grid Bench (Landscapeforms Manistee)	882.29	78.47
32 33 43 13-0015	EA	62" Backless Metal Grid Bench (Landscapeforms Manistee)	950.72	78.47
32 33 43 13-0016	EA	72" Backless Metal Grid Bench (Landscapeforms Manistee)	1,031.63	91.55
32 33 43 13-0017	EA	82" Backless Metal Grid Bench (Landscapeforms Manistee)	1,195.86	91.55
32 33 43 13-0018	EA	42" Backed Metal Grid Bench (Landscapeforms Manistee)	1,100.06	91.55
32 33 43 13-0019	EA	62" Backed Metal Grid Bench (Landscapeforms Manistee)	1,168.49	91.55
32 33 43 13-0020	EA	72" Backed Metal Grid Bench (Landscapeforms Manistee)	1,263.08	104.62
32 33 43 13-0021	EA	82" Backed Metal Grid Bench (Landscapeforms Manistee)	1,441.00	104.62
32 33 43 13-0022	EA	42" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,223.23	91.55
32 33 43 13-0023	EA	62" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,317.83	104.62
32 33 43 13-0024	EA	72" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,386.26	104.62
32 33 43 13-0025	EA	82" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,564.18	104.62
32 33 43 13-0026	EA	72" Backless Solid Wood Bench (Landscapeforms Palisade)	2,459.34	104.62
32 33 43 13-0027	EA	96" Backless Solid Wood Bench (Landscapeforms Palisade)	2,818.89	104.62
32 33 43 13-0028	EA	70" Backless Perforated Metal Bench (Landscapeforms Petoskey)	1,596.42	104.62
32 33 43 13-0029	EA	70" Dual Support Backed Perforated Metal Bench (Landscapeforms Petoskey)	1,916.53	104.62
32 33 43 13-0030	EA	70" Quad Support Backed Perforated Metal Bench (Landscapeforms Petoskey)	2,076.59	104.62
32 33 43 13-0031	EA	72" Backed Wood Bench (Landscapeforms Plainwell)	2,024.40	104.62
32 33 43 13-0032	EA	72" Backed Wood Bench With Center Arm (Landscapeforms Plainwell)	2,238.97	104.62
32 33 43 13-0033	EA	96" Backed Wood Bench (Landscapeforms Plainwell)	2,470.94	104.62
32 33 43 13-0034	EA	96" Backed Wood Bench With Center Arm (Landscapeforms Plainwell)	2,685.51	104.62
32 33 43 13-0035	EA	96" Backed Wood Bench With Two Center Arms (Landscapeforms Plainwell)	2,905.88	104.62
32 33 43 13-0036	EA	72" Backed Aluminum Bench (Landscapeforms Plainwell)	2,563.73	104.62
32 33 43 13-0037	EA	72" Backed Aluminum Bench With Center Arm (Landscapeforms Plainwell)	2,778.30	104.62
32 33 43 13-0038	EA	96" Backed Aluminum Bench (Landscapeforms Plainwell)	3,132.05	104.62
32 33 43 13-0039	EA	96" Backed Aluminum Bench With Center Arm (Landscapeforms Plainwell)	3,358.22	104.62
32 33 43 13-0040	EA	96" Backed Aluminum Bench With Two Center Arms (Landscapeforms Plainwell)	3,566.99	104.62
32 33 43 13-0041	EA	Backless Metal Grid Seats For Straight Runs (Landscapeforms Plexus)	585.85	26.16
32 33 43 13-0042	EA	Backless Metal Grid Seats For 60 Degree Radius (Landscapeforms Plexus)	783.02	26.16
32 33 43 13-0043	EA	Backless Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	783.02	26.16
32 33 43 13-0044	EA	Backed Metal Grid Seats For Straight Runs (Landscapeforms Plexus)	713.43	26.16
32 33 43 13-0045	EA	Narrow-Backed Metal Grid Seats For 60 Degree Radius (Landscapeforms Plexus)	881.61	26.16
32 33 43 13-0046	EA	Narrow-Backed Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	881.61	26.16
32 33 43 13-0047	EA	Wide-Backed Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	881.61	26.16
32 33 43 13-0048	EA	Armrest For Metal Grid Seats (Landscapeforms Plexus)	185.70	26.16
32 33 43 13-0049	EA	Backless Straight Metal Grid Seats (Landscapeforms Presidio)	817.81	26.16
32 33 43 13-0050	EA	Backless Straight Metal Grid Seats With One Arm (Landscapeforms Presidio)	904.80	26.16
32 33 43 13-0051	EA	Backless Straight Metal Grid Seats With Two Arms (Landscapeforms Presidio)	991.79	26.16
32 33 43 13-0052	EA	Backless Angled Metal Grid Seats (Landscapeforms Presidio)	985.99	26.16
32 33 43 13-0053	EA	Backless Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,072.98	26.16
32 33 43 13-0054	EA	Backless Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,159.97	26.16
32 33 43 13-0055	EA	Backed Straight Metal Grid Seats (Landscapeforms Presidio)	974.39	26.16
32 33 43 13-0056	EA	Backed Straight Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,061.38	26.16
32 33 43 13-0057	EA	Backed Straight Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,148.37	26.16
32 33 43 13-0058	EA	Narrow-Backed Angled Metal Grid Seats (Landscapeforms Presidio)	1,188.96	26.16
32 33 43 13-0059	EA	Narrow-Backed Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,275.95	26.16
32 33 43 13-0060	EA	Narrow-Backed Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,362.94	26.16
32 33 43 13-0061	EA	Wide-Backed Angled Metal Grid Seats (Landscapeforms Presidio)	1,188.96	26.16
32 33 43 13-0062	EA	Wide-Backed Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,275.95	26.16
32 33 43 13-0063	EA	Wide-Backed Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,362.94	26.16
32 33 43 13-0064	EA	48" Backless Horizontal Strap Bench (Landscapeforms Scarborough)	1,659.05	104.62
32 33 43 13-0065	EA	72" Backless Horizontal Strap Bench (Landscapeforms Scarborough)	1,682.25	104.62
32 33 43 13-0066	EA	96" Backless Horizontal Strap Bench (Landscapeforms Scarborough)	2,036.00	104.62
32 33 43 13-0067	EA	48" Backless Woven Bench (Landscapeforms Scarborough)	2,459.34	104.62
32 33 43 13-0068	EA	72" Backless Woven Bench (Landscapeforms Scarborough)	2,894.28	104.62
32 33 43 13-0069	EA	96" Backless Woven Bench (Landscapeforms Scarborough)	3,306.02	104.62
32 33 43 13-0070	EA	24" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	1,345.89	104.62
32 33 43 13-0071	EA	48" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	1,775.03	104.62
32 33 43 13-0072	EA	72" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	1,815.63	104.62
32 33 43 13-0073	EA	72" Backed Horizontal Strap Bench With Center Arm (Landscapeforms Scarborough)	2,082.39	104.62
32 33 43 13-0074	EA	96" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	2,343.36	104.62
32 33 43 13-0075	EA	96" Backed Horizontal Strap Bench With Center Arm (Landscapeforms Scarborough)	2,615.92	104.62
32 33 43 13-0076	EA	96" Backed Horizontal Strap Bench With Two Intermediate Arms (Landscapeforms Scarborough)	2,882.68	104.62
32 33 43 13-0077	EA	24" Backed Woven Bench (Landscapeforms Scarborough)	2,343.36	104.62
32 33 43 13-0078	EA	48" Backed Woven Bench (Landscapeforms Scarborough)	2,824.69	104.62
32 33 43 13-0079	EA	72" Backed Woven Bench (Landscapeforms Scarborough)	3,294.42	104.62
32 33 43 13-0080	EA	72" Backed Woven Bench With Center Arm (Landscapeforms Scarborough)	3,566.99	104.62
32 33 43 13-0081	EA	96" Backed Woven Bench (Landscapeforms Scarborough)	4,146.91	104.62
32 33 43 13-0082	EA	96" Backed Woven Bench With Center Arm (Landscapeforms Scarborough)	4,413.67	104.62
32 33 43 13-0083	EA	96" Backed Woven Bench With Two Intermediate Arms (Landscapeforms Scarborough)	4,674.63	104.62
32 33 43 13-0084	EA	32" Backed Strap Or Perforated Bench (Landscapeforms Town Square)	1,139.96	91.55
32 33 43 13-0085	EA	49" Backed Strap Or Perforated Bench (Landscapeforms Town Square)	1,366.13	91.55
32 33 43 13-0086	EA	49" Backed Strap Or Perforated Bench With Divider (Landscapeforms Town Square)	1,487.91	91.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 13-0087	EA	70" Backed Strap Or Perforated Bench (Landscapeforms Town Square)	1,740.24	104.62
32 33 43 13-0088	EA	70" Backed Strap Or Perforated Bench With Two Dividers (Landscapeforms Town Square)	1,966.41	104.62
32 33 43 13-0089		Benches (Columbia Cascade, TimberForm) *(32 33 43 13)*		
32 33 43 13-0090		Wood Benches (Columbia Cascade, TimberForm) *(32 33 43 13-0089)*		
		Note: Includes powder coated steel frames.		
32 33 43 13-0091	EA	70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-6-E)	924.72	52.32
32 33 43 13-0092	EA	94" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-8-E)	1,060.20	52.32
32 33 43 13-0093	EA	118" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-10-E)	1,358.22	52.32
32 33 43 13-0094	EA	70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-6-P)	965.38	52.32
32 33 43 13-0095	EA	94" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-8-P)	1,100.84	52.32
32 33 43 13-0096	EA	118" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-10-P)	1,412.41	52.32
32 33 43 13-0097	EA	70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-6-E)	1,412.41	52.32
32 33 43 13-0098	EA	94" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-8-E)	1,642.70	52.32
32 33 43 13-0099	EA	118" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-10-E)	2,116.83	52.32
32 33 43 13-0100	EA	70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-6-P)	1,480.14	52.32
32 33 43 13-0101	EA	94" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-8-P)	1,710.43	52.32
32 33 43 13-0102	EA	118" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-10-P)	2,211.65	52.32
32 33 43 13-0103	EA	70" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-6-E)	2,726.42	52.32
32 33 43 13-0104	EA	94" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-8-E)	3,200.54	52.32
32 33 43 13-0105	EA	118" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-10-E)	4,189.43	52.32
32 33 43 13-0106	EA	70" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-6-P)	2,794.15	52.32
32 33 43 13-0107	EA	94" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-8-P)	3,268.27	52.32
32 33 43 13-0108	EA	118" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-10-P)	4,284.26	52.32
32 33 43 13-0109	EA	70" Length, Embedment Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-6-E)	1,073.75	52.32
32 33 43 13-0110	EA	94" Length, Embedment Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-8-E)	1,209.21	52.32
32 33 43 13-0111	EA	70" Length, Pedestal Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-6-P)	1,114.39	52.32
32 33 43 13-0112	EA	94" Length, Pedestal Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-8-P)	1,249.85	52.32
32 33 43 13-0113	EA	46" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-4-E)	1,791.71	52.32
32 33 43 13-0114	EA	70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-6-E)	2,116.83	52.32
32 33 43 13-0115	EA	46" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-4-P)	1,900.08	52.32
32 33 43 13-0116	EA	70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-6-P)	2,225.20	52.32
32 33 43 13-0117	EA	70" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-6)	1,129.72	78.47
32 33 43 13-0118	EA	94" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-8)	1,183.90	78.47
32 33 43 13-0119	EA	118" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-10)	1,603.84	78.47
32 33 43 13-0120	EA	46" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-4-E)	870.55	52.32
32 33 43 13-0121	EA	70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-6-E)	1,006.02	52.32
32 33 43 13-0122	EA	94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-8-E)	1,141.48	52.32
32 33 43 13-0123	EA	118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-10-E)	1,466.60	52.32
32 33 43 13-0124	EA	142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-12-E)	1,602.06	52.32
32 33 43 13-0125	EA	46" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-4-P)	884.10	52.32
32 33 43 13-0126	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-6-P)	1,019.56	52.32
32 33 43 13-0127	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-8-P)	1,155.03	52.32
32 33 43 13-0128	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-10-P)	1,507.23	52.32
32 33 43 13-0129	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-12-P)	1,642.70	52.32
32 33 43 13-0130	EA	70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-6-E)	1,493.69	52.32
32 33 43 13-0131	EA	94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-8-E)	1,723.98	52.32
32 33 43 13-0132	EA	118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-10-E)	2,225.20	52.32
32 33 43 13-0133	EA	142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-12-E)	2,455.49	52.32
32 33 43 13-0134	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-6-P)	1,520.78	52.32
32 33 43 13-0135	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-8-P)	1,751.07	52.32
32 33 43 13-0136	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-10-P)	2,265.84	52.32
32 33 43 13-0137	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-12-P)	2,496.13	52.32
32 33 43 13-0138	EA	70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-6-E)	1,493.69	52.32
32 33 43 13-0139	EA	82" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-7-E)	2,103.28	52.32
32 33 43 13-0140	EA	94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-8-E)	1,872.99	52.32
32 33 43 13-0141	EA	118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-10-E)	2,469.03	52.32
32 33 43 13-0142	EA	142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-12-E)	2,699.32	52.32
32 33 43 13-0143	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-6-P)	1,710.43	52.32
32 33 43 13-0144	EA	82" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-7-P)	2,143.92	52.32
32 33 43 13-0145	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-8-P)	1,900.08	52.32
32 33 43 13-0146	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-10-P)	2,509.67	52.32
32 33 43 13-0147	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-12-P)	2,739.96	52.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 13-0148	EA	70" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-6)	1,576.75	78.47
32 33 43 13-0149	EA	94" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-8)	1,820.59	78.47
32 33 43 13-0150	EA	118" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-10)	2,335.35	78.47
32 33 43 13-0151	EA	70" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-6)	1,725.76	78.47
32 33 43 13-0152	EA	94" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-8)	1,969.60	78.47
32 33 43 13-0153	EA	118" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-10)	2,565.64	78.47
32 33 43 13-0154		**Recycled Plastic Benches (Columbia Cascade, TimberForm)** *(32 33 43 13-0089)* Note: Includes powder coated steel frames.		
32 33 43 13-0155	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-6-E)	1,263.40	52.32
32 33 43 13-0156	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-8-E)	1,723.98	52.32
32 33 43 13-0157	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-6-P)	1,304.04	52.32
32 33 43 13-0158	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-8-P)	1,764.62	52.32
32 33 43 13-0159	EA	46" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-4-E)	1,981.36	52.32
32 33 43 13-0160	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-6-E)	2,320.02	52.32
32 33 43 13-0161	EA	46" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-4-P)	2,089.73	52.32
32 33 43 13-0162	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-6-P)	2,428.39	52.32
32 33 43 13-0163	EA	70" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-6)	1,265.18	78.47
32 33 43 13-0164	EA	94" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-8)	1,522.57	78.47
32 33 43 13-0165	EA	118" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-10)	1,793.49	78.47
32 33 43 13-0166	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-6-E)	1,033.09	52.32
32 33 43 13-0167	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-8-E)	1,385.32	52.32
32 33 43 13-0168	EA	118" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-10-E)	1,656.25	52.32
32 33 43 13-0169	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-6-P)	1,073.75	52.32
32 33 43 13-0170	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-8-P)	1,425.96	52.32
32 33 43 13-0171	EA	118" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-10-P)	1,710.43	52.32
32 33 43 13-0172	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-6-E)	1,642.70	52.32
32 33 43 13-0173	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-8-E)	2,211.65	52.32
32 33 43 13-0174	EA	118" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-10-E)	2,685.78	52.32
32 33 43 13-0175	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-6-P)	1,710.43	52.32
32 33 43 13-0176	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-8-P)	2,306.48	52.32
32 33 43 13-0177	EA	118" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-10-P)	2,780.60	52.32
32 33 43 13-0178	EA	70" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-6-E)	3,200.54	52.32
32 33 43 13-0179	EA	94" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-8-E)	4,406.18	52.32
32 33 43 13-0180	EA	118" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-10-E)	4,880.30	52.32
32 33 43 13-0181	EA	70" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-6-P)	3,268.27	52.32
32 33 43 13-0182	EA	94" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-8-P)	4,501.00	52.32
32 33 43 13-0183	EA	118" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-10-P)	4,975.13	52.32
32 33 43 13-0184	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-6-E)	2,008.45	52.32
32 33 43 13-0185	EA	82" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-7-E)	2,794.15	52.32
32 33 43 13-0186	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-8-E)	2,672.23	52.32
32 33 43 13-0187	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-10-E)	3,065.08	52.32
32 33 43 13-0188	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-12-E)	4,121.70	52.32
32 33 43 13-0189	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-6-P)	2,035.55	52.32
32 33 43 13-0190	EA	82" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-7-P)	2,834.79	52.32
32 33 43 13-0191	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-8-P)	2,712.87	52.32
32 33 43 13-0192	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-10-P)	3,105.72	52.32
32 33 43 13-0193	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-12-P)	4,189.43	52.32
32 33 43 13-0194	EA	70" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-6)	1,915.41	78.47
32 33 43 13-0195	EA	94" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-8)	2,579.19	78.47
32 33 43 13-0196	EA	118" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-10)	3,188.78	78.47
32 33 43 13-0197	EA	70" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-6)	2,145.70	78.47
32 33 43 13-0198	EA	94" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-8)	2,863.66	78.47
32 33 43 13-0199	EA	118" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-10)	3,148.14	78.47
32 33 43 13-0200	EA	46" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-4-E)	924.74	52.32
32 33 43 13-0201	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-6-E)	1,209.21	52.32
32 33 43 13-0202	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-8-E)	1,629.15	52.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 13-0203	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-10-E)	1,913.63	52.32
32 33 43 13-0204	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-12-E)	2,225.20	52.32
32 33 43 13-0205	EA	46" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-4-P)	951.83	52.32
32 33 43 13-0206	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-6-P)	1,236.31	52.32
32 33 43 13-0207	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-8-P)	1,669.79	52.32
32 33 43 13-0208	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-10-P)	1,954.27	52.32
32 33 43 13-0209	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-12-P)	2,279.38	52.32
32 33 43 13-0210	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-6-E)	1,791.71	52.32
32 33 43 13-0211	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-8-E)	2,455.49	52.32
32 33 43 13-0212	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-10-E)	3,024.44	52.32
32 33 43 13-0213	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-12-E)	3,403.74	52.32
32 33 43 13-0214	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-6-P)	1,818.80	52.32
32 33 43 13-0215	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-8-P)	2,496.13	52.32
32 33 43 13-0216	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-10-P)	3,065.08	52.32
32 33 43 13-0217	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-12-P)	3,457.92	52.32

32 33 43 53 Site Tables *(32 33 43)*

32 33 43 53-0001 Tables *(32 33 43 53)*

32 33 43 53-0002 Tables (Wabash) *(32 33 43 53-0001)*

32 33 43 53-0003	EA	Spyder ADA Round Table (Wabash SY203P)	2,719.03	94.16
32 33 43 53-0004	EA	Shelter With 6' Table (Wabash SH105P)	8,225.94	94.16
32 33 43 53-0005	EA	46" Round Table With Attached Chairs, Bench Seats, Solid Top With Square Perforation Seats, Portable/Surface Mount (Wabash CA2Q50C)	2,501.19	94.16
32 33 43 53-0006	EA	46" Round Table With Attached Chairs, Bench Seats, Solid Top With Square Perforation Seats, Inground (Wabash CA2Q50I)	2,682.57	104.62

32 33 43 53-0007 Tables (Landscapeforms) *(32 33 43 53-0001)*

32 33 43 53-0008	EA	Plexus Companion Table For Backed Seat, Straight Runs	777.57	97.82
32 33 43 53-0009	EA	Companion Table For Narrow-Backed Seat, For 60 Degree Radius (Landscapeforms Plexus)	963.15	97.82
32 33 43 53-0010	EA	Companion Table For Narrow-Backed Seat, For 120 Degree Radius (Landscapeforms Plexus)	963.15	97.82
32 33 43 53-0011	EA	Companion Table For Wide-Backed Seat, For 120 Degree Radius (Landscapeforms Plexus)	963.15	97.82
32 33 43 53-0012	EA	6-Person Picnic Table (Landscapeforms Manistee)	2,833.27	97.82
32 33 43 53-0013	EA	4-Person Picnic Table (Landscapeforms Manistee)	2,521.51	97.82
32 33 43 53-0014	EA	2-Person Picnic Table (Landscapeforms Manistee)	2,235.72	97.82
32 33 43 53-0015	EA	Umbrella Stand For Picnic Table (Landscapeforms)	231.97	
32 33 43 53-0016	EA	32" x 72" Picnic Table (Landscapeforms Petoskey)	2,247.27	94.16
32 33 43 53-0017	EA	62" Backless Metal Rod Bench (Landscapeforms Petoskey)	1,195.86	73.24
32 33 43 53-0018	EA	29" Backless Metal Rod Bench (Landscapeforms Petoskey)	1,004.26	73.24
32 33 43 53-0019	EA	58" x 54" x 30" Wood Or PolySite Picnic Table With Benches (Landscapeforms Gretchen)	2,624.68	94.16
32 33 43 53-0020	EA	3 Seat Table, Backless, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	2,521.51	97.82
32 33 43 53-0021	EA	4 Seat Table, Backless, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	2,521.51	97.82
32 33 43 53-0022	EA	5 Seat Table, Backless, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	3,261.95	97.82
32 33 43 53-0023	EA	6 Seat Table, Backless, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	3,261.95	97.82
32 33 43 53-0024	EA	3 Seat Table, Backless, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	2,690.38	97.82
32 33 43 53-0025	EA	4 Seat Table, Backless, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	2,690.38	97.82
32 33 43 53-0026	EA	5 Seat Table, Backless, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,430.82	97.82
32 33 43 53-0027	EA	6 Seat Table, Backless, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,430.82	97.82
32 33 43 53-0028	EA	3 Seat Table, Backless, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	2,625.43	97.82
32 33 43 53-0029	EA	4 Seat Table, Backless, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	2,625.43	97.82
32 33 43 53-0030	EA	5 Seat Table, Backless, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	3,417.83	97.82
32 33 43 53-0031	EA	6 Seat Table, Backless, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	3,417.83	97.82
32 33 43 53-0032	EA	3 Seat Table, Backless, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	2,794.30	97.82
32 33 43 53-0033	EA	4 Seat Table, Backless, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	2,794.30	97.82
32 33 43 53-0034	EA	5 Seat Table, Backless, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,586.70	97.82
32 33 43 53-0035	EA	6 Seat Table, Backless, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,586.70	97.82
32 33 43 53-0036	EA	3 Seat Table, Backed, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	2,677.39	97.82
32 33 43 53-0037	EA	4 Seat Table, Backed, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	2,677.39	97.82
32 33 43 53-0038	EA	5 Seat Table, Backed, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	3,430.82	97.82
32 33 43 53-0039	EA	6 Seat Table, Backed, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	3,430.82	97.82
32 33 43 53-0040	EA	3 Seat Table, Backed, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	2,846.26	97.82
32 33 43 53-0041	EA	4 Seat Table, Backed, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	2,846.26	97.82
32 33 43 53-0042	EA	5 Seat Table, Backed, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,599.69	97.82
32 33 43 53-0043	EA	6 Seat Table, Backed, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,599.69	97.82
32 33 43 53-0044	EA	3 Seat Table, Backed, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	2,807.29	97.82
32 33 43 53-0045	EA	4 Seat Table, Backed, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	2,807.29	97.82
32 33 43 53-0046	EA	5 Seat Table, Backed, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	3,625.67	97.82
32 33 43 53-0047	EA	6 Seat Table, Backed, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	3,625.67	97.82
32 33 43 53-0048	EA	3 Seat Table, Backed, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	2,976.16	97.82
32 33 43 53-0049	EA	4 Seat Table, Backed, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	2,976.16	97.82
32 33 43 53-0050	EA	5 Seat Table, Backed, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,794.55	97.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 53-0051	EA	6 Seat Table, Backed, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,794.55	97.82
32 33 43 53-0052	EA	3 Seat Table, Backless, Grid Seats And Catena Top (Landscapeforms Carousel)	2,343.36	97.82
32 33 43 53-0053	EA	4 Seat Table, Backless, Grid Seats And Catena Top (Landscapeforms Carousel)	2,343.36	97.82
32 33 43 53-0054	EA	5 Seat Table, Backless, Grid Seats And Catena Top (Landscapeforms Carousel)	3,074.05	97.82
32 33 43 53-0055	EA	6 Seat Table, Backless, Grid Seats And Catena Top (Landscapeforms Carousel)	3,074.05	97.82
32 33 43 53-0056	EA	3 Seat Table, Backless, Grid Seats And Steelhead Top (Landscapeforms Carousel)	2,436.14	97.82
32 33 43 53-0057	EA	4 Seat Table, Backless, Grid Seats And Steelhead Top (Landscapeforms Carousel)	2,436.14	97.82
32 33 43 53-0058	EA	5 Seat Table, Backless, Grid Seats And Steelhead Top (Landscapeforms Carousel)	3,155.24	97.82
32 33 43 53-0059	EA	6 Seat Table, Backless, Grid Seats And Steelhead Top (Landscapeforms Carousel)	3,155.24	97.82
32 33 43 53-0060	EA	3 Seat Table, Backless, Perforated Seats And Catena Top (Landscapeforms Carousel)	2,447.74	97.82
32 33 43 53-0061	EA	4 Seat Table, Backless, Perforated Seats And Catena Top (Landscapeforms Carousel)	2,447.74	97.82
32 33 43 53-0062	EA	5 Seat Table, Backless, Perforated Seats And Catena Top (Landscapeforms Carousel)	3,213.24	97.82
32 33 43 53-0063	EA	6 Seat Table, Backless, Perforated Seats And Catena Top (Landscapeforms Carousel)	3,213.24	97.82
32 33 43 53-0064	EA	3 Seat Table, Backless, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	2,528.93	97.82
32 33 43 53-0065	EA	4 Seat Table, Backless, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	2,528.93	97.82
32 33 43 53-0066	EA	5 Seat Table, Backless, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	3,294.42	97.82
32 33 43 53-0067	EA	6 Seat Table, Backless, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	3,294.42	97.82
32 33 43 53-0068	EA	3 Seat Table, Backed, Grid Seats And Catena Top (Landscapeforms Carousel)	2,494.13	97.82
32 33 43 53-0069	EA	4 Seat Table, Backed, Grid Seats And Catena Top (Landscapeforms Carousel)	2,494.13	97.82
32 33 43 53-0070	EA	5 Seat Table, Backed, Grid Seats And Catena Top (Landscapeforms Carousel)	3,236.43	97.82
32 33 43 53-0071	EA	6 Seat Table, Backed, Grid Seats And Catena Top (Landscapeforms Carousel)	3,236.43	97.82
32 33 43 53-0072	EA	3 Seat Table, Backed, Grid Seats And Steelhead Top (Landscapeforms Carousel)	2,581.12	97.82
32 33 43 53-0073	EA	4 Seat Table, Backed, Grid Seats And Steelhead Top (Landscapeforms Carousel)	2,581.12	97.82
32 33 43 53-0074	EA	5 Seat Table, Backed, Grid Seats And Steelhead Top (Landscapeforms Carousel)	3,317.62	97.82
32 33 43 53-0075	EA	6 Seat Table, Backed, Grid Seats And Steelhead Top (Landscapeforms Carousel)	3,317.62	97.82
32 33 43 53-0076	EA	3 Seat Table, Backed, Perforated Seats And Catena Top (Landscapeforms Carousel)	2,639.11	97.82
32 33 43 53-0077	EA	4 Seat Table, Backed, Perforated Seats And Catena Top (Landscapeforms Carousel)	2,639.11	97.82
32 33 43 53-0078	EA	5 Seat Table, Backed, Perforated Seats And Catena Top (Landscapeforms Carousel)	3,462.60	97.82
32 33 43 53-0079	EA	6 Seat Table, Backed, Perforated Seats And Catena Top (Landscapeforms Carousel)	3,462.60	97.82
32 33 43 53-0080	EA	3 Seat Table, Backed, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	2,720.30	97.82
32 33 43 53-0081	EA	4 Seat Table, Backed, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	2,720.30	97.82
32 33 43 53-0082	EA	5 Seat Table, Backed, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	3,543.79	97.82
32 33 43 53-0083	EA	6 Seat Table, Backed, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	3,543.79	97.82
32 33 43 53-0084		Tables (Columbia Cascade Co. - TimberForm) *(32 33 43 53-0001)*		
32 33 43 53-0085	EA	Table With Four Chairs (Columbia Cascade Co. 2052-E)	5,027.20	122.20
32 33 43 53-0086	EA	Table With Four Chairs (Columbia Cascade Co. 2052-P)	6,134.06	122.20
32 33 43 53-0087	EA	Accessible Table With Three Chairs (Columbia Cascade Co. 2053-E)	4,243.18	122.20
32 33 43 53-0088	EA	Accessible Table With Three Chairs (Columbia Cascade Co. 2053-P)	5,288.54	122.20
32 33 43 53-0089	EA	Table With Four Seats (Columbia Cascade Co. 2054-E)	2,828.86	122.20
32 33 43 53-0090	EA	Table With Four Seats (Columbia Cascade Co. 2054-P)	3,074.83	122.20
32 33 43 53-0091	EA	Accessible Table With Three Seats (Columbia Cascade Co. 2055-E)	2,413.79	122.20
32 33 43 53-0092	EA	Accessible Table With Three Seats (Columbia Cascade Co. 2055-P)	2,629.01	122.20
32 33 43 53-0093	EA	Integral Table With Four Seats (Columbia Cascade Co. 2056-E)	3,151.69	122.20
32 33 43 53-0094	EA	Integral Table With Four Seats (Columbia Cascade Co. 2056-P)	3,366.92	122.20
32 33 43 53-0095	EA	Integral Table With Four Seats (Columbia Cascade Co. 2056-R)	5,088.69	122.20
32 33 43 53-0096	EA	Accessible Integral Table With Four Seats (Columbia Cascade Co. 2057-E)	2,798.11	122.20
32 33 43 53-0097	EA	Accessible Integral Table With Four Seats (Columbia Cascade Co. 2057-P)	3,013.34	122.20
32 33 43 53-0098	EA	Accessible Integral Table With Four Seats (Columbia Cascade Co. 2057-R)	4,735.11	122.20
32 33 43 53-0099	EA	Standard Picnic Table And Seats (Columbia Cascade Co. 2062)	3,474.53	122.20
32 33 43 53-0100	EA	Standard Picnic Table And Seats (Columbia Cascade Co. 2062-P)	3,720.49	122.20
32 33 43 53-0101	EA	Accessible Picnic Table And Seats (Columbia Cascade Co. 2063-E)	4,058.70	122.20
32 33 43 53-0102	EA	Accessible Picnic Table And Seats (Columbia Cascade Co. 2063-P)	4,304.67	122.20
32 33 43 53-0103	EA	Accessible Picnic Table And Benches (Columbia Cascade Co. 2072-E)	5,088.69	122.20
32 33 43 53-0104	EA	Accessible Picnic Table And Benches (Columbia Cascade Co. 2072-P)	5,334.66	122.20
32 33 43 53-0105	EA	Standard Picnic Table And Benches (Columbia Cascade Co. 2073-E)	5,088.69	122.20
32 33 43 53-0106	EA	Standard Picnic Table And Benches (Columbia Cascade Co. 2073-P)	5,334.66	122.20
32 33 43 53-0107	EA	Standard Picnic Table And Seats (Columbia Cascade Co. 2074-6)	1,196.10	48.86
32 33 43 53-0108	EA	Accessible Picnic Table And Seats (Columbia Cascade Co. 2075-6)	1,595.80	48.86
32 33 43 53-0109	EA	Gameboard (Columbia Cascade Co. 2095)	344.41	24.48
32 33 43 53-0110	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2162-6-E)	3,474.53	122.20
32 33 43 53-0111	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2162-8-E)	3,966.46	122.20
32 33 43 53-0112	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2162-6-P)	3,720.49	122.20
32 33 43 53-0113	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2162-8-P)	4,212.43	122.20
32 33 43 53-0114	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2163-6-E)	3,858.85	122.20
32 33 43 53-0115	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2163-8-E)	4,350.79	122.20
32 33 43 53-0116	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2163-6-P)	4,104.82	122.20
32 33 43 53-0117	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2163-8-P)	4,596.76	122.20
32 33 43 53-0118	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2164-6)	3,256.08	48.86
32 33 43 53-0119	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2164-8)	3,655.78	48.86
32 33 43 53-0120	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2165-6)	3,640.41	48.86
32 33 43 53-0121	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2165-8)	4,040.11	48.86
32 33 43 53-0122	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2638-6-E)	8,194.04	122.20
32 33 43 53-0123	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2638-6-P)	9,054.93	122.20
32 33 43 53-0124	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2639-6-E)	8,194.04	122.20
32 33 43 53-0125	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2639-6-P)	9,054.93	122.20
32 33 43 53-0126	EA	Round Table With Center Support (Columbia Cascade Co. 2902-0030-E)	2,029.47	122.20
32 33 43 53-0127	EA	Round Table With Center Support (Columbia Cascade Co. 2902-0036-E)	2,229.31	122.20
32 33 43 53-0128	EA	Round Table With Center Support (Columbia Cascade Co. 2902-0042-E)	2,429.16	122.20
32 33 43 53-0129	EA	Round Table With Center Support (Columbia Cascade Co. 2902-0030-P)	2,167.82	122.20

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 53-0130	EA	Round Table With Center Support (Columbia Cascade Co. 2902-0036-P)	2,367.67	122.20
32 33 43 53-0131	EA	Round Table With Center Support (Columbia Cascade Co. 2902-0042-P)	2,567.52	122.20
32 33 43 53-0132	EA	Square Table With Center Support (Columbia Cascade Co. 2902-3030-E)	1,983.35	122.20
32 33 43 53-0133	EA	Square Table With Center Support (Columbia Cascade Co. 2902-3636-E)	2,121.70	122.20
32 33 43 53-0134	EA	Square Table With Center Support (Columbia Cascade Co. 2902-4242-E)	2,260.06	122.20
32 33 43 53-0135	EA	Square Table With Center Support (Columbia Cascade Co. 2902-3030-P)	2,121.70	122.20
32 33 43 53-0136	EA	Square Table With Center Support (Columbia Cascade Co. 2902-3636-P)	2,260.06	122.20
32 33 43 53-0137	EA	Square Table With Center Support (Columbia Cascade Co. 2902-4242-P)	2,398.42	122.20
32 33 43 53-0138	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0030-E)	1,921.85	122.20
32 33 43 53-0139	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0036-E)	2,121.70	122.20
32 33 43 53-0140	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0042-E)	2,321.55	122.20
32 33 43 53-0141	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0030-P)	1,921.85	122.20
32 33 43 53-0142	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0036-P)	2,121.70	122.20
32 33 43 53-0143	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0042-P)	2,321.55	122.20
32 33 43 53-0144	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0030-L)	1,921.85	122.20
32 33 43 53-0145	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0036-L)	2,121.70	122.20
32 33 43 53-0146	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0042-L)	2,321.55	122.20
32 33 43 53-0147	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-3030-E)	1,829.62	122.20
32 33 43 53-0148	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-3636-E)	1,967.97	122.20
32 33 43 53-0149	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-4242-E)	2,106.33	122.20
32 33 43 53-0150	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-3030-P)	1,829.62	122.20
32 33 43 53-0151	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-3636-P)	1,967.97	122.20
32 33 43 53-0152	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-4242-P)	2,106.33	122.20
32 33 43 53-0153	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-3030-L)	1,829.62	122.20
32 33 43 53-0154	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-3636-L)	1,967.97	122.20
32 33 43 53-0155	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-4242-L)	2,106.33	122.20
32 33 43 53-0156	EA	Round Table With Center Support (Columbia Cascade Co. 2912-0030-E)	1,752.75	122.20
32 33 43 53-0157	EA	Round Table With Center Support (Columbia Cascade Co. 2912-0036-E)	1,952.60	122.20
32 33 43 53-0158	EA	Round Table With Center Support (Columbia Cascade Co. 2912-0042-E)	2,152.45	122.20
32 33 43 53-0159	EA	Round Table With Center Support (Columbia Cascade Co. 2912-0030-P)	1,891.11	122.20
32 33 43 53-0160	EA	Round Table With Center Support (Columbia Cascade Co. 2912-0036-P)	2,090.96	122.20
32 33 43 53-0161	EA	Round Table With Center Support (Columbia Cascade Co. 2912-0042-P)	2,290.81	122.20
32 33 43 53-0162	EA	Square Table With Center Support (Columbia Cascade Co. 2912-3030-E)	1,629.77	122.20
32 33 43 53-0163	EA	Square Table With Center Support (Columbia Cascade Co. 2912-3636-E)	1,752.75	122.20
32 33 43 53-0164	EA	Square Table With Center Support (Columbia Cascade Co. 2912-4242-E)	1,891.11	122.20
32 33 43 53-0165	EA	Square Table With Center Support (Columbia Cascade Co. 2912-3030-P)	1,752.75	122.20
32 33 43 53-0166	EA	Square Table With Center Support (Columbia Cascade Co. 2912-3636-P)	1,891.11	122.20
32 33 43 53-0167	EA	Square Table With Center Support (Columbia Cascade Co. 2912-4242-P)	2,029.47	122.20
32 33 43 53-0168	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0030-E)	1,844.99	122.20
32 33 43 53-0169	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0036-E)	2,044.84	122.20
32 33 43 53-0170	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0042-E)	2,244.69	122.20
32 33 43 53-0171	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0030-P)	1,844.99	122.20
32 33 43 53-0172	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0036-P)	2,044.84	122.20
32 33 43 53-0173	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0042-P)	2,244.69	122.20
32 33 43 53-0174	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0030-L)	1,844.99	122.20
32 33 43 53-0175	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0036-L)	2,044.84	122.20
32 33 43 53-0176	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0042-L)	2,244.69	122.20
32 33 43 53-0177	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-3030-E)	1,737.38	122.20
32 33 43 53-0178	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-3636-E)	1,875.73	122.20
32 33 43 53-0179	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-4242-E)	2,014.09	122.20
32 33 43 53-0180	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-3030-P)	1,737.38	122.20
32 33 43 53-0181	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-3636-P)	1,875.73	122.20
32 33 43 53-0182	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-4242-P)	2,014.09	122.20
32 33 43 53-0183	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-3030-L)	1,737.38	122.20
32 33 43 53-0184	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-3636-L)	1,875.73	122.20
32 33 43 53-0185	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-4242-L)	2,014.09	122.20
32 33 43 53-0186	EA	Round Table With Center Support (Columbia Cascade Co. 2922-0030-E)	1,629.77	122.20
32 33 43 53-0187	EA	Round Table With Center Support (Columbia Cascade Co. 2922-0036-E)	1,691.26	122.20
32 33 43 53-0188	EA	Round Table With Center Support (Columbia Cascade Co. 2922-0042-E)	1,752.75	122.20
32 33 43 53-0189	EA	Round Table With Center Support (Columbia Cascade Co. 2922-0030-P)	1,768.12	122.20
32 33 43 53-0190	EA	Round Table With Center Support (Columbia Cascade Co. 2922-0036-P)	1,829.62	122.20
32 33 43 53-0191	EA	Round Table With Center Support (Columbia Cascade Co. 2922-0042-P)	1,891.11	122.20
32 33 43 53-0192	EA	Square Table With Center Support (Columbia Cascade Co. 2922-3030-E)	1,614.39	122.20
32 33 43 53-0193	EA	Square Table With Center Support (Columbia Cascade Co. 2922-3636-E)	1,660.51	122.20
32 33 43 53-0194	EA	Square Table With Center Support (Columbia Cascade Co. 2922-4242-E)	1,706.63	122.20
32 33 43 53-0195	EA	Square Table With Center Support (Columbia Cascade Co. 2922-3030-P)	1,752.75	122.20
32 33 43 53-0196	EA	Square Table With Center Support (Columbia Cascade Co. 2922-3636-P)	1,798.87	122.20
32 33 43 53-0197	EA	Square Table With Center Support (Columbia Cascade Co. 2922-4242-P)	1,844.99	122.20
32 33 43 53-0198	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0030-E)	1,660.51	122.20
32 33 43 53-0199	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0036-E)	1,722.01	122.20
32 33 43 53-0200	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0042-E)	1,783.50	122.20
32 33 43 53-0201	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0030-P)	1,660.51	122.20
32 33 43 53-0202	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0036-P)	1,722.01	122.20
32 33 43 53-0203	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0042-P)	1,783.50	122.20
32 33 43 53-0204	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0030-L)	1,660.51	122.20
32 33 43 53-0205	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0036-L)	1,722.01	122.20
32 33 43 53-0206	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0042-L)	1,783.50	122.20
32 33 43 53-0207	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-3030-E)	1,660.51	122.20
32 33 43 53-0208	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-3636-E)	1,706.63	122.20
32 33 43 53-0209	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-4242-E)	1,752.75	122.20
32 33 43 53-0210	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-3030-P)	1,660.51	122.20

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 53-0211	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-3636-P)	1,706.63	122.20
32 33 43 53-0212	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-4242-P)	1,752.75	122.20
32 33 43 53-0213	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-3030-L)	1,660.51	122.20
32 33 43 53-0214	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-3636-L)	1,706.63	122.20
32 33 43 53-0215	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-4242-L)	1,752.75	122.20
32 33 43 53-0216	EA	Round Table With Center Support (Columbia Cascade Co. 2932-0030-E)	1,691.26	122.20
32 33 43 53-0217	EA	Round Table With Center Support (Columbia Cascade Co. 2932-0036-E)	1,752.75	122.20
32 33 43 53-0218	EA	Round Table With Center Support (Columbia Cascade Co. 2932-0042-E)	1,814.24	122.20
32 33 43 53-0219	EA	Round Table With Center Support (Columbia Cascade Co. 2932-0030-P)	1,829.62	122.20
32 33 43 53-0220	EA	Round Table With Center Support (Columbia Cascade Co. 2932-0036-P)	1,891.11	122.20
32 33 43 53-0221	EA	Round Table With Center Support (Columbia Cascade Co. 2932-0042-P)	1,952.60	122.20
32 33 43 53-0222	EA	Square Table With Center Support (Columbia Cascade Co. 2932-3030-E)	1,798.87	122.20
32 33 43 53-0223	EA	Square Table With Center Support (Columbia Cascade Co. 2932-3636-E)	1,844.99	122.20
32 33 43 53-0224	EA	Square Table With Center Support (Columbia Cascade Co. 2932-4242-E)	1,891.11	122.20
32 33 43 53-0225	EA	Square Table With Center Support (Columbia Cascade Co. 2932-3030-P)	1,937.23	122.20
32 33 43 53-0226	EA	Square Table With Center Support (Columbia Cascade Co. 2932-3636-P)	1,983.35	122.20
32 33 43 53-0227	EA	Square Table With Center Support (Columbia Cascade Co. 2932-4242-P)	2,029.47	122.20
32 33 43 53-0228	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0030-E)	1,768.12	122.20
32 33 43 53-0229	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0036-E)	1,829.62	122.20
32 33 43 53-0230	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0042-E)	1,891.11	122.20
32 33 43 53-0231	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0030-P)	1,768.12	122.20
32 33 43 53-0232	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0036-P)	1,829.62	122.20
32 33 43 53-0233	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0042-P)	1,891.11	122.20
32 33 43 53-0234	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0030-L)	1,768.12	122.20
32 33 43 53-0235	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0036-L)	1,829.62	122.20
32 33 43 53-0236	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0042-L)	1,891.11	122.20
32 33 43 53-0237	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-3030-E)	1,875.73	122.20
32 33 43 53-0238	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-3636-E)	1,921.85	122.20
32 33 43 53-0239	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-4242-E)	1,967.97	122.20
32 33 43 53-0240	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-3030-P)	1,875.73	122.20
32 33 43 53-0241	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-3636-P)	1,921.85	122.20
32 33 43 53-0242	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-4242-P)	1,967.97	122.20
32 33 43 53-0243	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-3030-L)	1,875.73	122.20
32 33 43 53-0244	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-3636-L)	1,921.85	122.20
32 33 43 53-0245	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-4242-L)	1,967.97	122.20
32 33 43 53-0246	EA	Square Table With Center Support (Columbia Cascade Co. 2942-3030-E)	1,429.92	122.20
32 33 43 53-0247	EA	Square Table With Center Support (Columbia Cascade Co. 2942-3636-E)	1,476.04	122.20
32 33 43 53-0248	EA	Square Table With Center Support (Columbia Cascade Co. 2942-4242-E)	1,522.16	122.20
32 33 43 53-0249	EA	Square Table With Center Support (Columbia Cascade Co. 2942-3030-P)	1,568.27	122.20
32 33 43 53-0250	EA	Square Table With Center Support (Columbia Cascade Co. 2942-3636-P)	1,614.39	122.20
32 33 43 53-0251	EA	Square Table With Center Support (Columbia Cascade Co. 2942-4242-P)	1,660.51	122.20
32 33 43 53-0252	EA	Round Table With Center Support (Columbia Cascade Co. 2962-0030-E)	1,691.26	122.20
32 33 43 53-0253	EA	Round Table With Center Support (Columbia Cascade Co. 2962-0036-E)	1,752.75	122.20
32 33 43 53-0254	EA	Round Table With Center Support (Columbia Cascade Co. 2962-0042-E)	1,814.24	122.20
32 33 43 53-0255	EA	Round Table With Center Support (Columbia Cascade Co. 2962-0030-P)	1,522.16	122.20
32 33 43 53-0256	EA	Round Table With Center Support (Columbia Cascade Co. 2962-0036-P)	1,583.65	122.20
32 33 43 53-0257	EA	Round Table With Center Support (Columbia Cascade Co. 2962-0042-P)	1,645.14	122.20
32 33 43 53-0258	EA	Square Table With Center Support (Columbia Cascade Co. 2962-3030-E)	1,399.17	122.20
32 33 43 53-0259	EA	Square Table With Center Support (Columbia Cascade Co. 2962-3636-E)	1,445.29	122.20
32 33 43 53-0260	EA	Square Table With Center Support (Columbia Cascade Co. 2962-4242-E)	1,491.41	122.20
32 33 43 53-0261	EA	Square Table With Center Support (Columbia Cascade Co. 2962-3030-P)	1,537.53	122.20
32 33 43 53-0262	EA	Square Table With Center Support (Columbia Cascade Co. 2962-3636-P)	1,583.65	122.20
32 33 43 53-0263	EA	Square Table With Center Support (Columbia Cascade Co. 2962-4242-P)	1,629.77	122.20
32 33 43 53-0264		**Picnic Tables** *(32 33 43 53)*		
32 33 43 53-0265		**Wooden Picnic Tables** *(32 33 43 53-0264)*		
32 33 43 53-0266	EA	6' Permanent Rectangular Redwood Table	1,177.36	78.47
32 33 43 53-0267		**Portable Picnic Tables** *(32 33 43 53-0264)*		
32 33 43 53-0268	EA	6' Wood Table With Aluminum Frame	1,590.39	52.32
32 33 43 53-0269	EA	6' Aluminum Table And Frame	2,308.42	52.32
32 33 43 53-0270	EA	8' Aluminum Table And Frame	2,754.35	65.39
32 33 43 53-0271	EA	6' Steel Table And Frame	1,360.21	52.32
32 33 43 53-0272	EA	8' Steel Table And Frame	1,558.02	65.39
32 33 43 53-0273		**Concrete Picnic Tables** *(32 33 43 53-0264)*		
32 33 43 53-0274	EA	72" Long x 72" Wide, Precast Concrete, One Piece, Rectangular Picnic Table With Two Integral Benches (Quikcrete QLBT72PT)	2,700.30	209.25
32 33 43 53-0275	EA	96" Long x 72" Wide, Precast Concrete, One Piece, Rectangular Picnic Table With Two Integral Benches (Quick Crete QLBT96PT Or QLMR96PT) Note: Standard sealer	3,113.58	
32 33 43 53-0276	EA	102" Long x 72" Wide, Precast Concrete, One Piece, Rectangular Picnic Table With Two Integral Benches And Handicap Access On Two Ends (Quick Crete QLMR102PTADA) Note: Standard sealer	3,123.51	
32 33 43 53-0277	EA	42" Diameter, Precast Concrete, Round Food Court Table Set With Four Benches (Quick Crete QR42FC) Note: Includes table top, four benches and mounting hardware.	3,305.15	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 53-0278		**Plastic Picnic Tables** *(32 33 43 53-0264)* Note: Manufactured from recycled plastic.		
32 33 43 53-0279		**Pedestal Tables - 4' Square, 2 Seats** *(32 33 43 53-0278)*		
32 33 43 53-0280	EA	3" x 4" Slats, Pedestal Table, 4' Square, 2 Seats	1,610.59	78.47
32 33 43 53-0281	EA	4" x 4" Slats, Pedestal Table, 4' Square, 2 Seats	1,765.00	78.47
32 33 43 53-0282		**Pedestal Tables - 4' Square, 4 Seats** *(32 33 43 53-0278)*		
32 33 43 53-0283	EA	3" x 4" Slats, Pedestal Table, 4' Square, 4 Seats	2,111.32	78.47
32 33 43 53-0284	EA	4" x 4" Slats, Pedestal Table, 4' Square, 4 Seats	2,318.67	78.47
32 33 43 53-0285		**Recycled Plastic Tables** *(32 33 43 53-0278)*		
32 33 43 53-0286	EA	6' Standard "Step-Over" Table, Recycled Plastic Lumber	2,765.70	78.47
32 33 43 53-0287	EA	6' " Walk-Through" Table, Recycled Plastic Lumber	2,303.28	78.47
32 33 43 53-0288	EA	7' Reinforced "Step-Over" Table, Recycled Plastic Lumber, ADA Ends	2,515.79	78.47
32 33 43 53-0289	EA	8' " Walk-Through" Table, Recycled Plastic Lumber, ADA Ends	2,352.58	78.47
32 33 43 53-0290	EA	8' Reinforced "Step-Over" Table, Recycled Plastic Lumber, ADA Ends	2,960.79	78.47
32 33 43 53-0291	EA	4' Youth Table, Recycled Plastic Lumber	1,177.47	62.78
32 33 53		**Site Grills** *(32 33)*		
32 33 53 00-0001		**Picnic Grills** *(32 33 53)*		
32 33 53 00-0002	EA	20" Wide x 14" Deep x 8-1/2" High Adjustable Grill Note: 11 gauge with galvanized steel post.	456.73	
32 33 53 00-0003	EA	20" Wide x 14" Deep x 8-1/2" High Adjustable Grill Note: 7 gauge with galvanized steel post.	488.51	
32 33 63		**Skate Board Deterrent** *(32 33)*		
32 33 63 00-0001		**Skate Stoppers** *(32 33 63)*		
32 33 63 00-0002	EA	Aluminum Architectural Series Pieces, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	69.31	
		For >59 To 99, Deduct	*-7.35*	
		For >99 To 249, Deduct	*-9.30*	
		For >249, Deduct	*-11.25*	
32 33 63 00-0003	EA	Aluminum Fixed Angle Series Pieces, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	73.33	
		For >59 To 99, Deduct	*-7.91*	
		For >99 To 249, Deduct	*-9.98*	
		For >249, Deduct	*-12.05*	
32 33 63 00-0004	EA	Aluminum Fixed Radius Series Pieces, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	52.22	
		For >59 To 99, Deduct	*-4.96*	
		For >99 To 249, Deduct	*-6.39*	
		For >249, Deduct	*-7.83*	
32 33 63 00-0005	EA	Aluminum Bench Clips, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	42.16	
		For >59 To 99, Deduct	*-3.55*	
		For >99 To 249, Deduct	*-4.68*	
		For >249, Deduct	*-5.82*	
32 33 63 00-0006	EA	Aluminum Curve Clips, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	45.92	
		For >59 To 99, Deduct	*-4.07*	
		For >99 To 249, Deduct	*-5.32*	
		For >249, Deduct	*-6.57*	
32 33 63 00-0007	EA	Aluminum Hand Rail, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	44.02	
		For >59 To 99, Deduct	*-3.81*	
		For >99 To 249, Deduct	*-5.00*	
		For >249, Deduct	*-6.19*	
32 33 63 00-0008	EA	Aluminum 2" x 3" x 0.25" Flat Cap, Skate Stopper Note: Includes drilling and anchoring into suitable surface material.	41.54	
		For >59 To 99, Deduct	*-3.46*	
		For >99 To 249, Deduct	*-4.58*	
		For >249, Deduct	*-5.69*	
32 33 63 00-0009	EA	Aluminum 6" Diameter x 0.25" Rumble Disc, Skate Stopper Note: Includes drilling and anchoring into suitable surface material.	56.91	
		For >59 To 99, Deduct	*-5.61*	
		For >99 To 249, Deduct	*-7.19*	
		For >249, Deduct	*-8.77*	
32 33 63 00-0010	EA	Aluminum 4" x 17" x 0.25" Flat Strap, Skate Stopper Note: Includes drilling and anchoring into suitable surface material.	103.04	
		For >59 To 99, Deduct	*-12.07*	
		For >99 To 249, Deduct	*-15.03*	
		For >249, Deduct	*-17.99*	

32 39 Manufactured Site Specialties *(32 30)*

Note: Excludes core drilling (where needed), augering, concrete footing and compaction See CSI section 02 41 19 13-0081 for

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

concrete core drilling, 02 41 19 13-0219 for asphalt core drilling, 32 31 13 13-0002 for augering, 32 31 13 13-0019 for concrete footing, 32 31 13 13-0045 for compaction of earth.

32 39 13 Manufactured Metal Bollards *(32 39)*

32 39 13 00-0001 Metal Pipe Bollards *(32 39 13)*

Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill for post and post holes.

32 39 13 00-0002 Steel Pipe Bollard, Schedule 40 Pipe, Painted Or Powered Coated *(32 39 13 00-0001)*

32 39 13 00-0003	LF	4" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	69.44	14.06
		For Galvanized Steel, Add	*7.03*	
		For 304 Stainless Steel, Add	*55.80*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*136.44*	
		For Each Sleeve For Removable, Lockable Bollard (Includes Tamper Proof Screw), Add	*94.14*	
		For Schedule 80, Add	*9.01*	
		For Concrete Fill, Add Per LF Of Pipe Bollard	*11.01*	
32 39 13 00-0004	LF	6" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	93.30	14.06
		For Galvanized Steel, Add	*11.08*	
		For 304 Stainless Steel, Add	*88.01*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*136.44*	
		For Each Sleeve For Removable, Lockable Bollard (Includes Tamper Proof Screw), Add	*94.14*	
		For Schedule 80, Add	*12.59*	
		For Concrete Fill, Add Per LF Of Pipe Bollard	*15.50*	
32 39 13 00-0005	LF	8" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	131.85	17.57
		For Galvanized Steel, Add	*16.44*	
		For 304 Stainless Steel, Add	*130.55*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*178.60*	
		For Each Sleeve For Removable, Lockable Bollard, Add	*206.30*	
		For Schedule 80, Add	*18.02*	
		For Concrete Fill, Add Per LF Of Pipe Bollard	*20.70*	
32 39 13 00-0006	LF	10" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	174.47	21.09
		For Galvanized Steel, Add	*22.49*	
		For 304 Stainless Steel, Add	*178.61*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*206.68*	
		For Each Sleeve For Removable, Lockable Bollard, Add	*220.34*	
		For Schedule 80, Add	*24.06*	
		For Concrete Fill, Add Per LF Of Pipe Bollard	*25.30*	
32 39 13 00-0007	LF	12" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	220.41	28.11
		For Galvanized Steel, Add	*27.91*	
		For 304 Stainless Steel, Add	*221.64*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*283.92*	
		For Each Sleeve For Removable, Lockable Bollard, Add	*307.46*	
		For Schedule 80, Add	*30.25*	
		For Concrete Fill, Add Per LF Of Pipe Bollard	*29.49*	

32 39 23 Manufactured Concrete Bollards *(32 39)*

32 39 23 00-0001 Concrete Bollards *(32 39 23)*

Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any.

32 39 23 00-0002 Concrete Bollard, Exposed Aggregate *(32 39 23 00-0001)*

32 39 23 00-0003	EA	12" x 12" x 30" High Concrete Bollard, Light Media Blast Note: Surface mounted with anchor bolts embedded into grout pockets.	682.22	112.47
32 39 23 00-0004	EA	12" Diameter x 30" High Concrete Bollard, Light Media Blast. Note: Surface mounted with anchor bolts embedded into grout pockets.	682.22	112.47

32 39 25 Manufactured Wood Bollards *(32 39)*

32 39 25 00-0001 Wood Bollards *(32 39 25)*

Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill.

32 39 25 00-0002 Wood Bollard, Pressure Treated Timber *(32 39 25 00-0001)*

32 39 25 00-0003	LF	4" x 4", Pressure Treated Wood Bollard	25.30	11.25
		For Each Sleeve For Removable, Lockable Bollard, Add	*139.98*	
32 39 25 00-0004	LF	6" x 6", Pressure Treated Wood Bollard	28.26	11.25
		For Each Sleeve For Removable, Lockable Bollard, Add	*139.98*	
32 39 25 00-0005	LF	8" x 8", Pressure Treated Wood Bollard	35.58	12.65
		For Each Sleeve For Removable, Lockable Bollard, Add	*220.62*	
32 39 25 00-0006	LF	10" x 10", Pressure Treated Wood Bollard	49.76	16.86
		For Each Sleeve For Removable, Lockable Bollard, Add	*237.48*	
32 39 25 00-0007	LF	12" x 12", Pressure Treated Wood Bollard	68.05	22.49
		For Each Sleeve For Removable, Lockable Bollard, Add	*334.98*	

32 39 27 Manufactured Plastic Bollards *(32 39)*

32 39 27 00-0001 Plastic Bollards *(32 39 27)*

See CSI section 32 31 13 13-0001 for augering and filling holes for bollards.

32 39 27 00-0002 Recycled Plastic Bollards *(32 39 27 00-0001)*

32 39 27 00-0003	EA	6" x 6" x 33" Surface Mounted Recycled Plastic Bollard Note: Includes anchor bolts.	373.12	56.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 39 27 00-0004	EA	6" Diameter x 6' Steel Reinforced Recycled Plastic Bollard	605.17	56.23
32 39 27 00-0005		**Plastic Bollard Covers** *(32 39 27 00-0001)*		
32 39 27 00-0006	EA	4" x 60", 1/8" Thick LDPE Bollard Cover, Fits 4" To 4-1/2" Pipe	95.77	13.42
		For Reflective Tape, Add	*10.94*	
32 39 27 00-0007	EA	6" x 60", 1/8" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	103.58	14.77
		For Reflective Tape, Add	*10.94*	
32 39 27 00-0008	EA	3" x 60", 1/4" Thick LDPE Bollard Cover, Fits 3" To 3 1/2" Pipe	130.23	13.42
		For Reflective Tape, Add	*10.94*	
32 39 27 00-0009	EA	3-1/2" x 52", 1/4" Thick LDPE Bollard Cover, Fits 3 -1/2" To 4" Pipe	130.23	13.42
		For Reflective Tape, Add	*10.94*	
32 39 27 00-0010	EA	3-1/2" x 68", 1/4" Thick LDPE Bollard Cover, Fits 3-1/2" To 4" Pipe	146.32	13.42
		For Reflective Tape, Add	*10.94*	
32 39 27 00-0011	EA	4" x 52", 1/4" Thick LDPE Bollard Cover, Fits 4' To 4-1/2" Pipe	130.23	13.42
		For Reflective Tape, Add	*10.94*	
32 39 27 00-0012	EA	4" x 60", 1/4" Thick LDPE Bollard Cover, Fits 4" To 4-1/2" Pipe	132.53	13.42
		For Reflective Tape, Add	*10.94*	
32 39 27 00-0013	EA	5" x 52", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe	130.23	13.42
		For Reflective Tape, Add	*10.94*	
32 39 27 00-0014	EA	5" x 60", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe	132.53	13.42
		For Reflective Tape, Add	*10.94*	
32 39 27 00-0015	EA	5" x 72", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe	185.38	13.42
		For Reflective Tape, Add	*10.94*	
32 39 27 00-0016	EA	6" x 52", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	132.91	14.77
		For Reflective Tape, Add	*10.94*	
32 39 27 00-0017	EA	6" x 65", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	169.68	14.77
		For Reflective Tape, Add	*10.94*	
32 39 27 00-0018	EA	6" x 84", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	193.19	14.77
		For Reflective Tape, Add	*10.94*	
32 39 27 00-0019	EA	7" x 56", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	163.17	16.12
		For Reflective Tape, Add	*10.94*	
32 39 27 00-0020	EA	8" x 52", 1/4" Thick LDPE Bollard Cover, Fits 7" To 7-5/16" Pipe	176.95	16.12
		For Reflective Tape, Add	*10.94*	
32 39 27 00-0021	EA	8" x 69", 1/4" Thick LDPE Bollard Cover, Fits 8" To 8-5/8" Pipe	176.95	16.12
		For Reflective Tape, Add	*10.94*	
32 39 27 00-0022	EA	10" x 69", 1/4" Thick LDPE Bollard Cover, Fits 10" To 11" Pipe	239.01	16.12
		For Reflective Tape, Add	*10.94*	
32 39 29		**Manufactured Stone Bollards** *(32 39)*		
32 39 29 00-0001		Stone Bollards *(32 39 29)*		
32 39 29 00-0002		Granite Bollards *(32 39 29 00-0001)*		
32 39 29 00-0003	EA	16" x 16" x 30" Granite Bollard, Smooth Matt Finish Note: Surface mounted with anchors embedded into grout pockets.	1,737.19	140.58
32 39 29 00-0004	EA	16" x 16" x 54" Granite Bollard, Smooth Matt Finish Note: Surface mounted with anchors embedded into grout pockets.	2,193.80	196.81
32 39 29 00-0005	EA	12" x 12" x 24" Granite Bollard, Rough Finish, Pyramid Top Note: Surface mounted with anchors embedded into grout pockets.	1,059.48	140.58
32 39 29 00-0006	EA	12" Diameter x 18" Granite Bollard, Smooth Matt Finish Note: Flat Top, surface mounted with anchors embedded into grout pockets.	1,601.53	112.47
32 39 29 00-0007	EA	24" x 24" x 20" Granite Bollard, Octagonal Cross Section Note: Smooth matt finish, flat top, surface mounted with anchors embedded into grout pockets.	2,408.97	112.47

32 80 Irrigation *(32)*

32 82 Irrigation Pumps *(32 80)*

32 82 00 00-0001		Variable Frequency Booster Pump Stations *(32 82)*		
32 82 00 00-0002	EA	200 GPM, 7.5 HP, 4" Suction/Discharge Connections, Variable Frequency, Horizontal Booster Pump Station (Rain Bird®) Note: Includes marine grade aluminum enclosure, separate NEMA 3R electrical controls enclosure, circuit breaker motor protection, surge protection, fan and louver cooling, glycerin filled pressure gauges, pump thermal switch and auto restart capability.	36,795.80	344.31
		For Pump Bypass Manifold With Isolation Valves, Add	*677.93*	
		For Externally Mounted Pump Station Fault Alarm Light, Add	*811.14*	
		For Flow Switch, Add	*1,353.48*	
		For Pressure Relief Valve With Relief Piping, Add	*1,838.74*	
		For Environmental Package With Heater And Insulation, Add	*3,924.86*	

32 84 Planting Irrigation *(32 80)*

32 84 13 Drip Irrigation *(32 84)*

32 84 13 00-0001		Drip Emitter Irrigation Devices *(32 84 13)*		
32 84 13 00-0002		Drip Emitter Irrigation Valves *(32 84 13 00-0001)*		
32 84 13 00-0003	EA	1/2" Air/Vacuum Relief Valve For Drip Emitter Irrigation Systems (Rain Bird® ARV050)	51.14	12.47
32 84 13 00-0004	EA	1", Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LFV100)	78.66	12.47
32 84 13 00-0005	EA	3/4", Anti-Siphon, Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LFV075)	76.74	12.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 13 00-0006	EA	3/4", Latching Solenoid, Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LFV075TBOS)	102.60	12.47
32 84 13 00-0007		**Drip Emitter Irrigation Filters** *(32 84 13 00-0001)*		
32 84 13 00-0008	EA	3/4" Inlet/Outlet, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® QKCHK-075)	157.25	12.47
32 84 13 00-0009	EA	1" Inlet/Outlet, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® QKCHK-100)	158.67	12.47
32 84 13 00-0010	EA	3/4" Inlet/Outlet, Inline Wye Filter For Drip Emitter Irrigation Systems (Rain Bird® RBY075MPTX)	63.16	12.47
32 84 13 00-0011	EA	1" Inlet/Outlet, Inline Wye Filter For Drip Emitter Irrigation Systems (Rain Bird® RBY100MPTX)	64.30	12.47
32 84 13 00-0012	EA	1" Inlet/Outlet, Pressure Regulating, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® PRB-QCHK-100)	170.49	12.47
32 84 13 00-0013	EA	3/4" Inlet/Outlet, Pressure Regulating, Inline RBY Filter For Drip Emitter Irrigation Systems (Rain Bird® PRF075RBY)	80.27	12.47
32 84 13 00-0014	EA	1" Inlet/Outlet, Pressure Regulating, Inline RBY Filter For Drip Emitter Irrigation Systems (Rain Bird® PRF100RBY)	89.19	12.47
32 84 13 00-0015		**Drip Emitter Irrigation Pressure Regulators** *(32 84 13 00-0001)*		
32 84 13 00-0016	EA	3/4", 6 To 300 GPH, 30 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-L30X-075)	62.00	12.47
32 84 13 00-0017	EA	3/4", 120 To 600 GPH, 30 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-M30X-075)	62.00	12.47
32 84 13 00-0018	EA	3/4", 120 To 600 GPH, 40 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-M40X-075)	62.00	12.47
32 84 13 00-0019	EA	1", 120 To 900 GPH, 40 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-M40X-100)	71.38	12.47
32 84 13 00-0020		**Drip Emitter Irrigation Tubing** *(32 84 13 00-0001)*		
		Note: Includes surface installation and covering of tubing with existing pine straw, pine bark etc.		
32 84 13 00-0021	LF	1/4", Landscape Dripline With Extruded Non-Pressure Compensating Drip Emitters (Rain Bird® LDQ0806100)	4.58	1.74
32 84 13 00-0022	LF	1/2", Landscape Dripline With Extruded Pressure Compensating Drip Emitters (Rain Bird® XFD0612100)	4.37	1.99
32 84 13 00-0023	LF	1/4", UV-Resistant, Polyethylene, Distribution Tubing For Drip Emitter Irrigation Systems (Rain Bird® XQ100)	3.68	1.74
		For Shallow Trenching And Backfill By Hand, Add	*7.16*	
32 84 13 00-0024	LF	1/2", UV-Resistant, Polyethylene, Distribution Tubing For Drip Emitter Irrigation Systems (Rain Bird® XT700100)	4.32	1.99
		For Shallow Trenching And Backfill By Hand, Add	*7.76*	
32 84 13 00-0025		**Drip Emitter Irrigation Fittings** *(32 84 13 00-0001)*		
32 84 13 00-0026	EA	1/4", Barbed Coupling For Irrigation Tubing (Rain Bird® XBF1CONN)	3.29	
32 84 13 00-0027	EA	1/4", Barbed Elbow For Irrigation Tubing (Rain Bird® XBF2EL)	3.33	
32 84 13 00-0028	EA	1/4", Barbed Tee For Irrigation Tubing (Rain Bird® XBF3TEE)	3.38	
32 84 13 00-0029	EA	1/4", Self Piercing Barbed Coupling For Irrigation Tubing (Rain Bird® SPB025)	3.54	
32 84 13 00-0030	EA	1/4", Plug For Irrigation Tubing (Rain Bird® EMAGPX)	3.27	
32 84 13 00-0031	EA	17mm, Barbed Coupling For Irrigation Tubing (Rain Bird® XFFCOUP)	3.46	
		For Compression Fitting, Add	*0.34*	
32 84 13 00-0032	EA	17mm, Barbed Elbow For Irrigation Tubing (Rain Bird® XFF-ELBOW)	3.56	
		For Compression Fitting, Add	*0.44*	
32 84 13 00-0033	EA	17mm, Barbed Tee For Irrigation Tubing (Rain Bird® XFF-TEE)	3.61	
		For Compression Fitting, Add	*0.49*	
32 84 13 00-0034	EA	17mm, Barbed Male Adapter For Irrigation Tubing (Rain Bird® XFFMA050)	3.63	
		For Compression Fitting, Add	*0.51*	
32 84 13 00-0035	EA	17mm, Barbed Cross For Irrigation Tubing (Rain Bird® XFDCROSS)	3.84	
		For Compression Fitting, Add	*0.72*	
32 84 13 00-0036	EA	1/2", Plug For Irrigation Tubing (Rain Bird® MDCFCAP)	4.07	
32 84 13 00-0037	EA	12 Gauge, Galvanized Stake For Irrigation Tubing (Rain Bird® TDS050BEND)	2.01	
32 84 13 00-0038		**Drip Emitters** *(32 84 13 00-0001)*		
32 84 13 00-0039	EA	0.5 To 2 GPH, Single Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rain Bird® XB20PC)	6.75	
32 84 13 00-0040	EA	5 To 24 GPH, Single Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rain Bird® PC24)	7.66	
32 84 13 00-0041	EA	0.5 To 2 GPH, Six Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rain Bird® XB056)	15.78	
32 84 13 00-0042		**Drip Emitter Irrigation Micro-Bubblers, Sprays And Misters** *(32 84 13 00-0001)*		
32 84 13 00-0043	EA	Adjustable Stream Bubbler With Spike For Drip Emitter Irrigation Systems (Rain Bird® SXB360SPYK)	26.34	11.22
32 84 13 00-0044	EA	Adjustable Micro Spray With Spike For Drip Emitter Irrigation Systems (Rain Bird® XS360TSPYK)	26.39	11.22
32 84 13 00-0045	EA	12" Height, Riser Assembly With Pressure Compensating Nozzle For Drip Emitter Irrigation Systems (Rain Bird® SQADP12 With SQFUL)	28.90	11.22
32 84 13 00-0046	EA	24" Height, Riser Assembly With Pressure Compensating Nozzle For Drip Emitter Irrigation Systems (Rain Bird® SQADP24 With SQFUL)	29.17	11.22
32 84 13 00-0047	EA	4" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rain Bird® XP-400X With SQFUL)	42.04	14.70
		Note: Includes nozzle.		
32 84 13 00-0048	EA	6" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rain Bird® XP-600X With SQFUL)	45.28	14.70
		Note: Includes nozzle.		
32 84 13 00-0049	EA	12" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rain Bird® XP1200X With SQFUL)	45.45	14.70
		Note: Includes nozzle.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 13 00-0050		**Subsurface Drip Emitter Irrigation Tubing (Rain Bird® XFS)** *(32 84 13 00-0001)* Note: Brown or purple tubing. Includes layout, trenching 4" to 6", installing tubing and backfilling trench.		
32 84 13 00-0051	LF	0.536" ID, 0.634" OD, Subsurface Drip Emitter Irrigation Tubing (Rain Bird® XFS Copper Shield)	5.01	2.18
32 84 23		**Underground Sprinklers** *(32 84)*		
32 84 23 00-0001		**Sprinkler Heads** *(32 84 23)*		
32 84 23 00-0002		**Spray Sprinkler Heads** *(32 84 23 00-0001)* Note: Includes plastic riser and case. Includes spray, variable arc or bubbler nozzle with partial or full circle coverage.		
32 84 23 00-0003	EA	2" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1802P)	37.16	13.77
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0004	EA	4" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1804P)	35.33	13.77
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0005	EA	6" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1806P)	42.14	13.77
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0006	EA	12" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1812P)	47.84	13.77
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0007	EA	4" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1804-SAM)	37.89	13.77
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0008	EA	6" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1806-SAM)	47.48	13.77
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0009	EA	12" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1812-SAM)	52.09	13.77
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0010	EA	4" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1804-PRS)	40.62	13.77
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0011	EA	6" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1806-PRS)	49.36	13.77
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0012	EA	12" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1812-PRS)	53.67	13.77
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0013	EA	4" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1804-SAM-PRS)	41.71	13.77
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0014	EA	6" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1806-SAM-PRS)	55.13	13.77
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0015	EA	12" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1812-SAM-PRS)	59.38	13.77
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0016	EA	Bubbler Head With Screen, 1/2" NPT (Rain Bird® 1300)	31.74	13.77
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0017	EA	Pressure Compensating Bubbler With Screen, 1/2" NPT (Rain Bird® 1400)	36.01	13.77
32 84 23 00-0018		**Gear-Drive, Rotary Sprinkler Heads** *(32 84 23 00-0001)* Note: Maximum spacing is equivalent to maximum radius.		
32 84 23 00-0019		**1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Heads** *(32 84 23 00-0018)* Note: Includes plastic riser and case, standard rubber cover and nozzle with partial or full circle coverage.		
32 84 23 00-0020	EA	4" Pop-Up Height, 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 3504PC)	50.64	13.77
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0021	EA	4" Pop-Up Height, 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 3504-PC-SAM)	52.15	13.77
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0022		**3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Heads** *(32 84 23 00-0018)* Note: Includes plastic riser and case, standard rubber cover and nozzle with partial or full circle coverage.		
32 84 23 00-0023	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 5004-PLPC)	46.99	13.77
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0024	EA	6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 5006-PLPC)	63.38	13.77
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0025	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5004-PLPCS)	50.03	13.77
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0026	EA	6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5006-PLPCS)	65.81	13.77
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0027	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Pressure Regulator (Rain Bird® 5004+PCR)	51.24	13.77
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0028	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5004+FCSR)	53.67	13.77
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0029	EA	6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5006+PCSR)	69.45	13.77
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0030	EA	12" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5012+PCSR)	79.17	13.77
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0031	EA	Shrub Type, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5000S-PLPCS)	53.37	13.77
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0032	EA	Shrub Type, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5000S+PCSR)	63.08	13.77
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0033		1" Inlet, Up To 65' Spacing, Gear-Drive, Rotary Sprinkler Heads *(32 84 23 00-0018)*		
		Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage.		
32 84 23 00-0034	EA	4" Pop-Up Height, 1" Inlet, Up To 65' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® F4PC)	86.15	13.77
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
		For Stainless Steel Riser And High Speed Rotor, Add	*44.68*	
32 84 23 00-0035		1" Inlet, Up To 80' Spacing, Gear-Drive, Rotary Sprinkler Heads *(32 84 23 00-0018)*		
		Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage.		
32 84 23 00-0036	EA	5" Pop-Up Height, 1" Inlet, Up To 80' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 8005)	121.36	13.77
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0037		Impact-Drive Sprinkler Heads *(32 84 23 00-0001)*		
		Note: Includes partial or full circle coverage. Maximum spacing is equivalent to maximum radius.		
32 84 23 00-0038	EA	1/2" Inlet, Up To 45' Spacing, Pop-Up, Impact-Drive Rotary Sprinkler Head (Rain Bird® 2045A-08)	69.15	13.77
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0039	EA	1/2" Inlet, Up To 45' Spacing, Riser Mounted, Plastic Body, Impact-Drive Sprinkler Head (Rain Bird® 2045-PJ08)	54.58	13.77
32 84 23 00-0040	EA	3/4" Inlet, Up To 51' Spacing, Riser Mounted, Brass/Bronze Body, Impact-Drive Sprinkler Head (Rain Bird® 35A-ADJ-TNTB)	103.12	13.77
32 84 23 00-0041		Electric Remote Control Irrigation Valves *(32 84 23)*		
32 84 23 00-0042		0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valves (Rain Bird® DV Series) *(32 84 23 00-0041)*		
		Note: 15 to 150 PSI.		
32 84 23 00-0043	EA	3/4", 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 75DV)	156.67	57.39
32 84 23 00-0044	EA	1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 100DV)	156.67	57.39
32 84 23 00-0045	EA	1", 0.2 To 40 GPM, Slip-On, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 100DVSS)	173.07	65.42
32 84 23 00-0046	EA	1", 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Angle Valve (Rain Bird® 100DVA)	157.88	57.39
32 84 23 00-0047		0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valves With Flow Control (Rain Bird® DVF Series) *(32 84 23 00-0041)*		
		Note: 15 to 150 PSI.		
32 84 23 00-0048	EA	1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rain Bird® 100DVF)	157.88	57.39
32 84 23 00-0049	EA	1", 0.2 To 40 GPM, Slip-On, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rain Bird® 100DVFSS)	174.89	65.42
32 84 23 00-0050	EA	1", 0.2 To 40 GPM, Male x Barb, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rain Bird® 100DVFMB)	176.10	65.42
32 84 23 00-0051		0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves (Rain Bird® PEB Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI.		
32 84 23 00-0052	EA	1", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 100PEB)	255.01	57.39
32 84 23 00-0053	EA	1-1/2", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 150PEB)	297.50	57.39
32 84 23 00-0054	EA	2", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 200PEB)	352.13	57.39
32 84 23 00-0055		5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves With Pressure Regulator (Rain Bird® PEB PRS-D Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0056	EA	1", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 100PEB PRS-D)	362.00	64.50
32 84 23 00-0057	EA	1-1/2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 150PEB PRS-D)	404.49	64.50
32 84 23 00-0058	EA	2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 200PEB PRS-D)	459.13	64.50
32 84 23 00-0059		20 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves With Pressure Regulator And Scrubber Valve (Rain Bird® PESB PRS-D Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		

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32 84 23 00-0060	EA	1", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 100PESB PRS-D)	422.71	64.50
32 84 23 00-0061	EA	1-1/2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 150PESB PRS-D)	465.20	64.50
32 84 23 00-0062	EA	2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 200PESB PRS-D)	519.83	64.50
32 84 23 00-0063		0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves (Hunter IBV Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure.		
32 84 23 00-0064	EA	1", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-101G-B)	375.86	57.39
32 84 23 00-0065	EA	1-1/2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-151G-B)	571.22	57.39
32 84 23 00-0066	EA	2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-201G-B)	588.88	57.39
32 84 23 00-0067	EA	3", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-301G-B)	1,375.19	77.47
32 84 23 00-0068		5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves (Rain Bird® EFB-CP Series) *(32 84 23 00-0041)*		
		Note: 15 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0069	EA	1", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 100EFB-CP)	348.83	64.50
32 84 23 00-0070	EA	1-1/4", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 125EFB-CP)	406.92	64.50
32 84 23 00-0071	EA	1-1/2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 150EFB-CP)	469.99	64.50
32 84 23 00-0072	EA	2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 200EFB-CP)	553.04	64.50
32 84 23 00-0073		0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves (Hunter IBV FS Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.		
32 84 23 00-0074	EA	1", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-101G-B-FS)	458.02	64.50
32 84 23 00-0075	EA	1-1/2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-151G-B-FS)	689.80	64.50
32 84 23 00-0076	EA	2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-201G-B-FS)	709.67	64.50
32 84 23 00-0077	EA	3", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-301G-B-FS)	1,466.81	64.50
32 84 23 00-0078		0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV ACCU-SYNC Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.		
32 84 23 00-0079	EA	1", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-101G-B ACCU-SYNC-ADJ)	464.16	57.39
32 84 23 00-0080	EA	1-1/2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-151G-B ACCU-SYNC-ADJ)	659.51	57.39
32 84 23 00-0081	EA	2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-201G-B ACCU-SYNC-ADJ)	677.17	57.39
32 84 23 00-0082	EA	3", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-301G-B ACCU-SYNC-ADJ)	1,463.49	77.47
32 84 23 00-0083		5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves With Pressure Regulator (Rain Bird® EFB-CP PRS-D Series) *(32 84 23 00-0041)*		
		Note: 15 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0084	EA	1", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 100EFB-CP PRS-D)	439.89	64.50
32 84 23 00-0085	EA	1-1/4", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 125EFB-CP PRS-D)	497.98	64.50
32 84 23 00-0086	EA	1-1/2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 150EFB-CP PRS-D)	561.05	64.50
32 84 23 00-0087	EA	2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 200EFB-CP PRS-D)	644.09	64.50
32 84 23 00-0088		0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV FS ACCU-SYNC Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.		
32 84 23 00-0089	EA	1", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-101G-B-FS ACCU-SYNC-ADJ)	546.32	64.50
32 84 23 00-0090	EA	1-1/2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-151G-B-FS ACCU-SYNC-ADJ)	778.10	64.50
32 84 23 00-0091	EA	2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-201G-B-FS ACCU-SYNC-ADJ)	797.96	64.50
32 84 23 00-0092	EA	3", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-301G-B-FS ACCU-SYNC-ADJ)	1,555.10	64.50

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0093		Other Electric Remote Control Valves/Accessories *(32 84 23 00-0041)*		
32 84 23 00-0094	EA	Pressure Regulator Module For Electric Remote Control Valves (Rain Bird® PRS-DIAL)	136.97	
32 84 23 00-0095		Irrigation Valve Boxes *(32 84 23)* Note: Includes lid.		
32 84 23 00-0096	EA	6" Round Irrigation Valve Box With Lid (Rain Bird® PVB-6RND)	96.56	41.32
32 84 23 00-0097	EA	7" Round Irrigation Valve Box With Lid (Rain Bird® VB-7RND)	110.90	41.32
32 84 23 00-0098	EA	10" Round Irrigation Valve Box With Lid (Rain Bird® VB-10RND)	145.52	54.40
32 84 23 00-0099	EA	21.8" x 16.6" x 12" Depth, Rectangular Irrigation Valve Box With Lid (Rain Bird® VB-STD)	255.33	79.42
32 84 23 00-0100	EA	21.8" x 16.6" x 12" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-STDH)	260.78	79.42
32 84 23 00-0101	EA	26.3" x 19.8" x 12.1" Depth, Rectangular Irrigation Valve Box With Lid (Rain Bird® VB-JMB)	299.92	79.42
32 84 23 00-0102	EA	26.3" x 19.8" x 12.1" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-JMBH)	304.58	79.42
32 84 23 00-0103	EA	33.1" x 23.8" x 15" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-SPRH)	528.23	79.42
32 84 23 00-0104	EA	40.3" x 27.1" x 18" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-MAXH)	817.90	79.42
32 84 23 00-0105		Irrigation Controllers *(32 84 23)*		
32 84 23 00-0106		Irrigation Controllers *(32 84 23 00-0105)*		
32 84 23 00-0107		Irrigation Controllers (Rain Bird®) *(32 84 23 00-0106)*		
32 84 23 00-0108		Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP Series) *(32 84 23 00-0107)*		
32 84 23 00-0109		Four Program, Modular Irrigation Controllers (Rain Bird® ESP-ME Series) *(32 84 23 00-0108)*		
32 84 23 00-0110		Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-MEI Series) *(32 84 23 00-0109)*		
32 84 23 00-0111	EA	4-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	398.41	41.85
32 84 23 00-0112	EA	7-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	557.22	41.85
32 84 23 00-0113	EA	10-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	716.05	41.85
32 84 23 00-0114	EA	13-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	874.87	41.85
32 84 23 00-0115	EA	16-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	991.84	41.85
32 84 23 00-0116	EA	19-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	1,155.90	41.85
32 84 23 00-0117	EA	22-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	1,319.96	41.85
32 84 23 00-0118		Four Program, Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-ME Series) *(32 84 23 00-0109)*		
32 84 23 00-0119	EA	4-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	460.29	41.85
32 84 23 00-0120	EA	7-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	619.10	41.85
32 84 23 00-0121	EA	10-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	777.93	41.85
32 84 23 00-0122	EA	13-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	936.75	41.85
32 84 23 00-0123	EA	16-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	1,053.72	41.85
32 84 23 00-0124	EA	19-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	1,217.78	41.85
32 84 23 00-0125	EA	22-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	1,381.84	41.85
32 84 23 00-0126		Four Program, Modular Irrigation Controllers (Rain Bird® ESP-SMTE Series) *(32 84 23 00-0108)*		
32 84 23 00-0127		Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-SMTEI Series) *(32 84 23 00-0126)*		
32 84 23 00-0128	EA	4-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	613.36	41.85
32 84 23 00-0129	EA	7-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	772.18	41.85
32 84 23 00-0130	EA	10-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	931.00	41.85
32 84 23 00-0131	EA	13-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	1,089.83	41.85
32 84 23 00-0132	EA	16-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	1,206.79	41.85
32 84 23 00-0133	EA	19-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	1,370.86	41.85
32 84 23 00-0134	EA	22-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	1,534.91	41.85
32 84 23 00-0135		Four Program, Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-SMTE Series) *(32 84 23 00-0126)*		
32 84 23 00-0136	EA	4-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	659.73	41.85
32 84 23 00-0137	EA	7-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	818.54	41.85
32 84 23 00-0138	EA	10-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	977.37	41.85
32 84 23 00-0139	EA	13-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	1,136.19	41.85
32 84 23 00-0140	EA	16-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	1,253.16	41.85
32 84 23 00-0141	EA	19-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	1,417.22	41.85
32 84 23 00-0142	EA	22-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	1,581.28	41.85
32 84 23 00-0143		Accessories For ESP-ME/MEI Irrigation Controllers *(32 84 23 00-0108)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0144	EA	3-Station Expansion Module For ESP Series Irrigation Controllers (Rain Bird® ESP-SM3) Note: Use task for increasing capacity of existing ESP series irrigation controllers up to a maximum of 22-stations.	164.05	
32 84 23 00-0145	EA	6-Station Expansion Module For ESP Series Irrigation Controllers (Rain Bird® ESP-SM6) Note: Use task for increasing capacity of existing ESP series irrigation controllers up to a maximum of 22-stations.	315.20	
32 84 23 00-0146	EA	Smart Controller Upgrade Kit For ESP Series Irrigation Controllers (Rain Bird® ESPSMTEUPG)	416.00	
32 84 23 00-0147		Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LX Series) *(32 84 23 00-0107)*		
32 84 23 00-0148		Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LX Basic Series) *(32 84 23 00-0147)*		
32 84 23 00-0149	EA	12-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	928.89	41.85
32 84 23 00-0150	EA	16-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,128.09	41.85
32 84 23 00-0151	EA	20-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,330.30	41.85
32 84 23 00-0152	EA	24-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,529.50	41.85
32 84 23 00-0153	EA	28-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,731.70	41.85
32 84 23 00-0154	EA	32-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,930.90	41.85
32 84 23 00-0155	EA	36-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	2,133.10	41.85
32 84 23 00-0156	EA	40-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	2,332.30	41.85
32 84 23 00-0157	EA	44-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	2,534.51	41.85
32 84 23 00-0158	EA	48-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	2,733.71	41.85
32 84 23 00-0159		Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LXME Series) *(32 84 23 00-0147)*		
32 84 23 00-0160	EA	8-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	909.77	41.85
32 84 23 00-0161	EA	12-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,108.95	41.85
32 84 23 00-0162	EA	16-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,311.15	41.85
32 84 23 00-0163	EA	20-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,510.36	41.85
32 84 23 00-0164	EA	24-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,712.56	41.85
32 84 23 00-0165	EA	28-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,911.76	41.85
32 84 23 00-0166	EA	32-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	2,113.97	41.85
32 84 23 00-0167	EA	36-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	2,313.17	41.85
32 84 23 00-0168	EA	40-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	2,515.37	41.85
32 84 23 00-0169	EA	44-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	2,714.58	41.85
32 84 23 00-0170	EA	48-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	2,916.78	41.85
32 84 23 00-0171		Accessories For ESP-LX/LXME Irrigation Controllers *(32 84 23 00-0147)*		
32 84 23 00-0172	EA	Powder Coated Steel Wall Cabinet For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMM)	652.32	
32 84 23 00-0173	EA	Powder Coated Steel Cabinet And Pedestal For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMPED + LXMM) Note: Excludes concrete foundation.	1,507.23	
32 84 23 00-0174	EA	Stainless Steel Wall Cabinet For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMSS)	1,410.10	
32 84 23 00-0175	EA	Stainless Steel Cabinet And Pedestal For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMSSPED + LXMMSS) Note: Excludes concrete foundation.	3,127.83	
32 84 23 00-0176	EA	4-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM4) Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations.	199.20	
32 84 23 00-0177	EA	8-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM8) Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations.	401.41	
32 84 23 00-0178	EA	12-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM12) Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations.	621.24	
32 84 23 00-0179	EA	Flow Smart Water Management Module For ESP-LXME Irrigation Controllers (Rain Bird® FSM-LXME)	226.25	
32 84 23 00-0180		Three Program, Battery-Operated, Buriable Irrigation Control Modules (Rain Bird® TBOS-II Series) *(32 84 23 00-0107)*		
32 84 23 00-0181		Three Program, Battery-Operated, Buriable Irrigation Control Modules (Rain Bird® TBOS-II Series) *(32 84 23 00-0180)*		
32 84 23 00-0182	EA	1-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series)	440.67	41.85
32 84 23 00-0183	EA	2-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series)	535.04	41.85
32 84 23 00-0184	EA	4-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series)	672.75	41.85
32 84 23 00-0185		Accessories For TBOS-II Series Irrigation Controllers *(32 84 23 00-0180)*		
32 84 23 00-0186	EA	Field Transmitter For TBOS-II Series Irrigation Controllers (Rain Bird® TBOS2FTUS)	525.19	
32 84 23 00-0187	EA	Potted Latching Solenoid For TBOS-II Series Irrigation Controllers (Rain Bird® TBOSPSOL)	115.34	31.38
32 84 23 00-0188		Accessories For Irrigation Controllers (Rain Bird®) *(32 84 23 00-0107)*		
32 84 23 00-0189	EA	Wired Rain Sensor For Irrigation Controllers (Rain Bird® RSDBEX)	175.07	31.38
32 84 23 00-0190	EA	Wireless Rain Sensor And Controller Interface For Irrigation Controllers (Rain Bird® WR2RC)	348.80	31.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0191	EA	Wireless Rain/Freeze Sensor And Controller Interface For Irrigation Controllers (Rain Bird® WR2RFC)	366.81	31.38
32 84 23 00-0192	EA	Soil Moisture Sensor And Controller Interface For Irrigation Controllers (Rain Bird® SMRT-Y)	522.87	31.38
32 84 23 00-0193		Two-Wire Decoder Systems *(32 84 23 00-0105)*		
32 84 23 00-0194		Two-Wire Decoder Systems (Rain Bird®) *(32 84 23 00-0193)*		
32 84 23 00-0195		Controllers For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series) *(32 84 23 00-0194)* Note: Includes water resistant cabinet.		
32 84 23 00-0196	EA	50-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series)	2,586.17	41.85
32 84 23 00-0197	EA	125-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series)	3,783.73	41.85
32 84 23 00-0198	EA	200-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series)	4,981.26	41.85
32 84 23 00-0199		Field Decoders For Two-Wire Decoder Systems (Rain Bird®) *(32 84 23 00-0194)*		
32 84 23 00-0200	EA	One Individual Valve Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD101TURF)	323.95	41.85
32 84 23 00-0201	EA	One Pair Of Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD102TURF)	410.90	41.85
32 84 23 00-0202	EA	Two Pair Of Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD202TURF)	610.90	41.85
32 84 23 00-0203	EA	Up To Four Individual Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD401TURF)	738.11	41.85
32 84 23 00-0204	EA	Up To Six Individual Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD601TURF)	1,208.78	41.85
32 84 23 00-0205		Accessories For Two-Wire Decoder Systems (Rain Bird®) *(32 84 23 00-0194)*		
32 84 23 00-0206	EA	50-Station Replacement Base Module For ESP-LXD Series Two Wire Decoder Based Controllers (Rain Bird® MOD50-LXD)	1,938.19	
32 84 23 00-0207	EA	75-Station Expansion Module For ESP-LXD Series Two Wire Decoder Based Controllers (Rain Bird® SPLXDSM75)	1,197.54	
32 84 23 00-0208	EA	Line Surge Protection For ESP-LXD Series Two-Wire Decoder Systems (Rain Bird® LSP1TURF)	245.76	36.62
32 84 23 00-0209	EA	Sensor Decoder Interface For ESP-LXD Series Two-Wire Decoder Systems (Rain Bird® SD210TURF)	1,057.47	41.85
32 84 23 00-0210		Calsense Controllers *(32 84 23 00-0105)*		
32 84 23 00-0211		Irrigation Controllers *(32 84 23 00-0210)*		
32 84 23 00-0212	EA	6 Station ET-Driven Irrigation Controller (Calsense ET2000E-6)	2,977.72	104.62
32 84 23 00-0213	EA	8 Station ET-Driven Irrigation Controller (Calsense ET2000E-8)	3,840.86	117.70
32 84 23 00-0214	EA	12 Station ET-Driven Irrigation Controller (Calsense ET2000E-12)	5,270.57	130.78
32 84 23 00-0215	EA	16 Station ET-Driven Irrigation Controller (Calsense ET2000E-16)	5,798.51	130.78
32 84 23 00-0216	EA	24 Station ET-Driven Irrigation Controller (Calsense ET2000E-24)	6,854.78	143.86
32 84 23 00-0217	EA	32 Station ET-Driven Irrigation Controller (Calsense ET2000E-32)	8,271.20	143.86
32 84 23 00-0218	EA	40 Station ET-Driven Irrigation Controller (Calsense ET2000E-40)	9,366.12	156.93
32 84 23 00-0219	EA	48 Station ET-Driven Irrigation Controller (Calsense ET2000E-48)	10,486.38	156.93
32 84 23 00-0220	EA	Upgrade Existing Calsense Controller To ET2000E (Calsense ET2000E-UPGRADE)	3,031.12	52.32
32 84 23 00-0221	EA	Upgrade Existing Calsense Controller With 8 Additional Stations (Calsense STATION UPGRADE)	1,275.22	52.32
32 84 23 00-0222		Irrigation Controller Accessories *(32 84 23 00-0210)*		
32 84 23 00-0223	EA	Set Of 10 Keys For Calsense Controllers Or Enclosures (Calsense KEY-1)	123.62	
32 84 23 00-0224	EA	Spare Lock For Enclosures (Calsense PAD)	133.92	
32 84 23 00-0225	EA	Hardware And Software For Up To 4 Additional Light Circuits (Calsense L)	160.08	13.08
32 84 23 00-0226	EA	Transformer For Irrigation Controllers (Calsense TR-1)	233.39	52.32
32 84 23 00-0227	EA	AC Line Protection For Irrigation Controllers (Calsense TP-110)	632.56	52.32
32 84 23 00-0228	EA	Transient Protection Board For Irrigation Controller Stations (Calsense TP-1)	838.59	52.32
		For Outdoor Gray Powder Coated Stainless Steel Enclosure, Add	*373.81*	
32 84 23 00-0229		Sensors For Irrigation Controllers *(32 84 23 00-0210)*		
32 84 23 00-0230		Flow Sensors *(32 84 23 00-0229)*		
32 84 23 00-0231	EA	1-1/2" Polyvinyl Chloride (PVC) Schedule 80 Tee Mounted Flow Meter (Calsense FM 1.5)	1,470.34	78.47
		For Flow Meter Replacement Insert Only, Deduct	*-1,070.71*	
32 84 23 00-0232	EA	2" Polyvinyl Chloride (PVC) Schedule 80 Tee Mounted Flow Meter (Calsense FM 2)	1,521.85	78.47
		For Flow Meter Replacement Insert Only, Deduct	*-1,122.22*	
32 84 23 00-0233	EA	3" Polyvinyl Chloride (PVC) Schedule 80 Tee Mounted Flow Meter (Calsense FM 3)	1,573.36	78.47
		For Flow Meter Replacement Insert Only, Deduct	*-1,173.73*	
32 84 23 00-0234	EA	1" Brass Tee Mounted Flow Meter (Calsense FM 1B)	1,741.57	104.62
		For Flow Meter Replacement Insert Only, Deduct	*-1,341.63*	
32 84 23 00-0235	EA	1-1/4" Brass Tee Mounted Flow Meter (Calsense FM 1.25B)	1,870.33	104.62
		For Flow Meter Replacement Insert Only, Deduct	*-1,470.39*	
32 84 23 00-0236	EA	1-1/2" Brass Tee Mounted Flow Meter (Calsense FM 1.5B)	1,921.84	104.62
		For Flow Meter Replacement Insert Only, Deduct	*-1,521.90*	
32 84 23 00-0237	EA	2" Brass Tee Mounted Flow Meter (Calsense FM 2B)	2,256.63	104.62
		For Flow Meter Replacement Insert Only, Deduct	*-1,728.51*	
32 84 23 00-0238	EA	2" Pipe Saddle Mounted Insertion Flow Meter (Calsense FMBX) Note: For 4" and larger pipe. Excludes pipe saddle.	1,752.82	52.32
		For Flow Meter Replacement Insert Only, Deduct	*-1,224.70*	
32 84 23 00-0239		Moisture Sensors *(32 84 23 00-0229)*		
32 84 23 00-0240	EA	Soil Moisture Sensor (Calsense 1000-S)	619.29	39.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0241		**Weather Sensors** *(32 84 23 00-0229)*		
32 84 23 00-0242	EA	Wind Gage, Irrigation Weather Sensor (Calsense WG-1)	1,690.06	104.62
32 84 23 00-0243	EA	Tipping Rain Bucket, Irrigation Weather Sensor (Calsense RB-1)	1,950.82	209.25
32 84 23 00-0244	EA	ET Gage, Irrigation Weather Sensor (Calsense ETG)	3,854.93	156.93
32 84 23 00-0245		**Weather Sensor Accessories** *(32 84 23 00-0229)*		
32 84 23 00-0246	EA	Ceramic Cup For ET Gage Weather Sensor (Calsense ETG-C)	1,134.75	
32 84 23 00-0247	EA	Removal And Replacement Of Circuit Board For ET Gage Weather Sensor (Calsense ETG-PCB)	2,139.12	
32 84 23 00-0248	EA	Vandal Resistant Mounting Base For ET Gage Enclosure (Calsense ETGE-BASE)	1,134.75	52.32
32 84 23 00-0249	EA	Vandal Resistant Stainless Steel Enclosure For ET Gage (Calsense ETGE)	2,614.76	52.32
32 84 23 00-0250		**Antennas For Irrigation Controllers** *(32 84 23 00-0210)* Note: Excludes antenna cable.		
32 84 23 00-0251	EA	Local Radio Dome Antenna (Calsense LR-DOME)	593.93	52.32
32 84 23 00-0252	EA	Local Radio Stick Antenna (Calsense LR-STICK)	864.34	52.32
32 84 23 00-0253	EA	Local Radio Yagi Antenna (Calsense LR-YAGI)	968.97	104.62
32 84 23 00-0254	EA	Local Radio And Calsense Radio, Remote Dome Antenna (Calsense LR-DOME-RR)	593.93	52.32
32 84 23 00-0255	EA	Local Radio And Calsense Radio, Enhanced Remote Dome Antenna (Calsense LR-DOME-RRE)	593.93	52.32
32 84 23 00-0256	EA	GPRS Stubby Antenna (Calsense GR-STUBBY)	593.93	52.32
32 84 23 00-0257	EA	GPRS Stick Antenna (Calsense GR-STICK)	864.34	52.32
32 84 23 00-0258	EA	Spread Spectrum Dome Antenna (Calsense SR-DOME)	593.93	52.32
32 84 23 00-0259	EA	Spread Spectrum Stick Antenna (Calsense SR-STICK)	864.34	52.32
32 84 23 00-0260	EA	Spread Spectrum Yagi Antenna (Calsense SR-YAGI)	968.97	104.62
32 84 23 00-0261	EA	Spread Spectrum And Calsense Radio, Remote Dome Antenna (Calsense SR-DOME-RR)	593.93	52.32
32 84 23 00-0262	EA	Spread Spectrum And Calsense Radio, Enhanced Remote Dome Antenna (Calsense SR-DOME-RRE)	593.93	52.32
32 84 23 00-0263	EA	Spread Spectrum Stubby Antenna (Calsense SR-STUBBY)	593.93	52.32
32 84 23 00-0264	EA	WiFi Stubby Antenna (Calsense WEN-STUBBY)	593.93	52.32
32 84 23 00-0265	LF	Antenna Cable With End Connectors (Calsense LMR-400-DB)	16.19	0.63
32 84 23 00-0266	EA	Surge Protection Device For Antenna (Calsense ANT-PROT)	593.14	26.16
32 84 23 00-0267	EA	5' High, Non-Penetrating, Antenna Tripod Mount (Calsense ANT-TRIP5)	967.35	52.32
32 84 23 00-0268	EA	3' Antenna Stand Off Mount For 3" Maximum Tower Leg (Calsense ANT-SOM)	836.98	
32 84 23 00-0269	EA	Local Radio Frequency Filter (Calsense LR-FILTER)	1,184.65	
32 84 23 00-0270	EA	Spread Spectrum Frequency Filter (Calsense SR-FILTER)	875.61	
32 84 23 00-0271		**Pedestals And Enclosures For Irrigation Controllers** *(32 84 23 00-0210)*		
32 84 23 00-0272	EA	15 Amperes, Circuit Breaker With Enclosure For Irrigation Controllers (Calsense SSE-BREAKER)	543.23	78.47
32 84 23 00-0273	EA	Standard Gray Powder Coated Stainless Steel Controller Enclosure (Calsense C-BOX)	1,315.11	130.78
32 84 23 00-0274	EA	Indoor Wall Mount, Stainless Steel Back Panel (Calsense SSBP) Note: Includes GFI and receptacle.	1,456.66	52.32
32 84 23 00-0275	EA	Standard Gray Powder Coated Stainless Steel Pedestal (Calsense PD-1) Note: Includes factory installed transient protection board and AC line protection.	1,739.55	39.24
32 84 23 00-0276	EA	Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE) Note: Includes factory installed transient protection board and AC line protection.	5,449.77	39.24
32 84 23 00-0277	EA	Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-R) Note: Includes factory installed transient protection board, AC line protection and dome antenna.	6,156.23	39.24
32 84 23 00-0278	EA	Double-Wide Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-D) Note: Includes factory installed transient protection boards and AC line protection. Pre-wired for two controllers.	8,932.92	78.47
32 84 23 00-0279	EA	Double-Wide Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-D-R) Note: Includes factory installed transient protection boards, AC line protection and dome antenna. Pre-wired for two controllers.	9,363.11	78.47
32 84 23 00-0280	EA	Bolt Mounting Template For Heavy-Duty Stainless Steel Enclosures (Calsense SSE-CAM)	307.10	
32 84 23 00-0281	EA	Stainless Steel Fully Enclosed Riser For Calsense SSE Enclosures (Calsense SSE-PED)	992.71	
32 84 23 00-0282		**Central Computer For Irrigation Control Systems** *(32 84 23 00-0210)*		
32 84 23 00-0283	EA	Central Computer For Irrigation Control Systems (Calsense COMP-2) Note: Includes a minimum of 133 MHz Pentium, 32 Meg Ram, 1.2 GB hard drive, 14.4 modem and a printer. Excludes Command Center Water Management software.	6,870.69	
32 84 23 00-0284	EA	Command Center Water Management Software For Central Computer (Calsense COMM-1)	12,161.80	
32 84 23 00-0285	EA	Up To 5 Simultaneous Users Capacity, Calsense Advantage Client/Server Database Add-On (Calsense CS-5) Note: Package price for up to 5 users. Includes remote communication through internet connection.	2,334.99	
32 84 23 00-0286	EA	>5 To 10 Simultaneous Users Capacity, Calsense Advantage Client/Server Database Add-On (Calsense CS-10) Note: Package price for 6 to 10 users. Includes remote communication through internet connection.	4,596.72	
32 84 23 00-0287	EA	Data Logger With Phone Modem For Irrigation Control Systems (Calsense DL-2)	7,400.94	
32 84 23 00-0288	EA	GPRS Radio For Use At Central Computer (Calsense DTR-G)	4,424.87	
32 84 23 00-0289		**Data Access Service** *(32 84 23 00-0210)*		
32 84 23 00-0290	EA	1 Month, Data Access Plan For Up To 2 Controllers (Calsense COMM-1MN) Note: For communication between GPRS unit and up to 2 controllers.	37.46	
32 84 23 00-0291	EA	1 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-1YR) Note: For communication between GPRS unit and up to 2 controllers.	409.71	
32 84 23 00-0292	EA	5 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-5YR) Note: For communication between GPRS unit and up to 2 controllers.	1,755.90	
32 84 23 00-0293	EA	1 Month, Data Access Plan For Up To 2 Controllers (Calsense COMM-1MN-M) Note: For communication between GPRS unit and multiple controllers.	152.18	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0294	EA	1 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-1YR-M) Note: For communication between GPRS unit and multiple controllers.	1,638.84	
32 84 23 00-0295	EA	5 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-5YR-M) Note: For communication between GPRS unit and multiple controllers.	7,023.60	
32 84 23 00-0296		**Communication Options For Irrigation Controllers** *(32 84 23 00-0210)*		
32 84 23 00-0297	EA	FCC License Fee (Calsense)	251.32	
32 84 23 00-0298	EA	P.C.I.A. And/or A.P.C.O. Fee (Calsense) Note: Per frequency or frequency pair.	485.44	
32 84 23 00-0299	EA	Hardware Communication Option For Irrigation Controllers (Calsense M) Note: Allows multiple controllers to be chained together via a communications cable and share one phone line.	1,357.90	
32 84 23 00-0300	EA	Phone Line Communication Option For Irrigation Controllers (Calsense R)	1,428.13	
32 84 23 00-0301	EA	Ethernet Communication Option For Irrigation Controllers (Calsense EN)	1,428.13	
32 84 23 00-0302	EA	WiFi Communication Option For Irrigation Controllers (Calsense WEN)	2,926.50	
32 84 23 00-0303	EA	Local Radio Communication Option For Irrigation Controllers (Calsense LR)	3,722.51	
32 84 23 00-0304	EA	Spread Spectrum Radio Communication Option For Irrigation Controllers (Calsense SR)	3,722.51	
32 84 23 00-0305	EA	GPRS Radio Modem Communication Option For Irrigation Controllers (Calsense GR)	3,722.51	
32 84 23 00-0306	EA	Fiber Optic Modem Communication Option For Irrigation Controllers (Calsense FOM)	11,940.12	
32 84 23 00-0307	EA	Communication Hub For Irrigation Controllers (Calsense HUB) Note: Accepts up to two communication options. Excludes communication options.	4,600.10	
32 84 23 00-0308		**Retrofit Options For Irrigation Controllers** *(32 84 23 00-0210)*		
32 84 23 00-0309		**Weather Retrofits For Irrigation Controllers** *(32 84 23 00-0308)*		
32 84 23 00-0310	EA	Add One Flow Sensor Interface To An Existing Calsense Controller (Calsense F-RETRO)	1,825.40	
32 84 23 00-0311	EA	Add One ET Gage Interface To An Existing Calsense Controller (Calsense G-RETRO)	1,825.40	
32 84 23 00-0312	EA	Add One Tipping Rain Bucket Interface To An Existing Calsense Controller (Calsense RB-RETRO)	1,825.40	
32 84 23 00-0313	EA	Add One Wind Gage Interface To An Existing Calsense Controller (Calsense WG-RETRO)	1,825.40	
32 84 23 00-0314		**Phone Communication Retrofits For Irrigation Controllers** *(32 84 23 00-0308)*		
32 84 23 00-0315	EA	Add The Ability To Chain To Another Calsense Controller With The Phone Line Communication Option And Share One Phone Line (Calsense M-RETRO)	1,919.05	
32 84 23 00-0316	EA	Add The Phone Line Communication Option To An Existing Calsense Controller (Calsense R-RETRO)	2,270.23	
32 84 23 00-0317	EA	Add The Phone Line Communication Option And The Ability To Chain To Another Calsense Controller And Share One Phone Line (Calsense MLR-RETRO)	3,639.83	
32 84 23 00-0318		**Local Radio Communication Retrofits For Irrigation Controllers** *(32 84 23 00-0308)*		
32 84 23 00-0319	EA	Add The Ability To Chain To Another Calsense Controller With The Local Radio Communication Option And Share One Local Radio (Calsense ML-RETRO)	2,153.17	
32 84 23 00-0320	EA	Add The Local Radio Communication Option To An Existing Calsense Controller (Calsense LR-RETRO)	4,541.19	
32 84 23 00-0321	EA	Add The Local Radio Communication Option And The Ability To Chain To Another Calsense Controller And Share One Local Radio (Calsense MLR-RETRO)	5,899.09	
32 84 23 00-0322		**Spread Spectrum Radio Communication Retrofits For Irrigation Controllers** *(32 84 23 00-0308)*		
32 84 23 00-0323	EA	Add The Ability To Chain To Another Calsense Controller With The Spread Spectrum Radio Communication Option And Share One Spread Spectrum Radio (Calsense MS-Retro)	2,153.17	
32 84 23 00-0324	EA	Add The Spread Spectrum Radio Communication Option To An Existing Calsense Controller (Calsense SR-RETRO)	4,541.19	
32 84 23 00-0325	EA	Add The Spread Spectrum Radio Communication Option And The Ability To Chain To Another Calsense Controller And Share One Spread Spectrum Radio (Calsense MSR-RETRO)	5,899.09	
32 84 23 00-0326		**Ethernet Communication Retrofits For Irrigation Controllers** *(32 84 23 00-0308)*		
32 84 23 00-0327	EA	Add The Ability To Chain To Another Calsense Controller With The Ethernet Communication Option And Share One Ethernet Device (Calsense ME-Retro)	2,153.17	
32 84 23 00-0328	EA	Add The Ethernet Communication Option To An Existing Calsense Controller (Calsense EN-RETRO)	2,270.23	
32 84 23 00-0329	EA	Add The Ethernet Communication Option And The Ability To Chain To Another Calsense Controller And Share One Ethernet Device (Calsense MEN-RETRO)	3,639.83	
32 84 23 00-0330		**GPRS Radio Modem Communication Retrofits For Irrigation Controllers** *(32 84 23 00-0308)*		
32 84 23 00-0331	EA	Add The Ability To Chain To Another Calsense Controller With The GPRS Communication Option And Share One GPRS Modem (Calsense MG-RETRO)	2,153.17	
32 84 23 00-0332	EA	Add The GPRS Communication Option To An Existing Calsense Controller (Calsense GR-RETRO)	4,541.19	
32 84 23 00-0333	EA	Add The GPRS Communication Option And The Ability To Chain To Another Calsense Controller And Share One GPRS Modem (Calsense MGR-RETRO)	5,899.09	
32 84 23 00-0334		**Radio Remote Units For Irrigation Controllers** *(32 84 23 00-0210)*		
32 84 23 00-0335	EA	Enhanced Radio Remote Hand-Held Transmitter With Carry Case (Calsense RRe-TRAN)	2,164.88	
32 84 23 00-0336	EA	Calsense Integrated Radio Remote Receiver Board (Calsense RR/RRe) Note: Includes polyvinyl chloride (PVC) stick antenna. Excludes antenna cable.	463.56	
32 84 23 00-0337	EA	Wall Mount Charger For Hand-Held Transmitter (Calsense RRTRAN-CHG)	199.00	
32 84 23 00-0338	EA	Removal And Replacement Of Battery For Hand-Held Transmitter (Calsense RRTRAN-BAT)	353.93	

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32 84 23 00-0339	EA	Polyvinyl Chloride (PVC) Stick Antenna For Radio Remote Receiver Board (Calsense RR-ANT) Note: Excludes antenna cable.	225.16	13.08
32 84 23 00-0340	EA	Whip Antenna For Radio Remote Receiver Board (Calsense RRe-WHIP) Note: Excludes antenna cable.	435.87	13.08
32 84 23 00-0341	EA	Dome Antenna For Radio Remote Receiver Board (Calsense RR-Dome/RRe-Dome) Note: Excludes antenna cable.	470.99	13.08
32 84 23 00-0342		**Satellite Irrigation Controllers (Rain Bird® ESP-SAT)** *(32 84 23 00-0105)* Note: Satellite controllers compatible with Maxi-Con Central Control. Includes link communication with SEMET at the controller and stainless steel cabinet. Excludes concrete pad.		
32 84 23 00-0343	EA	12 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP12SATLS)	5,082.40	235.41
32 84 23 00-0344	EA	24 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP24SATLS)	5,359.84	248.49
32 84 23 00-0345	EA	40 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP40SATLS)	7,441.21	261.57
32 84 23 00-0346		**Irrigation Valves** *(32 84 23)*		
32 84 23 00-0347		**Reduced Pressure Zone Valves With QT Shut-Offs** *(32 84 23 00-0346)* Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 009 QT series).		
32 84 23 00-0348	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M3 QT series)	917.06	47.36
32 84 23 00-0349	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,087.78	57.84
32 84 23 00-0350	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,647.85	67.31
32 84 23 00-0351	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,741.12	77.28
32 84 23 00-0352	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	2,087.61	99.71
32 84 23 00-0353		**Brass Quick-Coupling Irrigation Valves** *(32 84 23 00-0346)*		
32 84 23 00-0354	EA	3/4", 1-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 3RC)	169.51	41.32
		For Valve Key, Add	*44.62*	
32 84 23 00-0355	EA	3/4", 2-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 33DRC)	174.67	41.32
		For Locking Cover, Add	*25.00*	
		For Valve Key, Add	*44.62*	
32 84 23 00-0356	EA	1", 1-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 44RC)	231.43	41.32
		For Valve Key, Add	*114.12*	
32 84 23 00-0357	EA	1", 2-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 44LRC)	252.07	41.32
		For Valve Key, Add	*114.12*	
32 84 23 00-0358	EA	1", 1-Piece Brass Body, Non-Potable (Purple) Quick-Coupling Irrigation Valve (Rain Bird® 5NP)	242.35	41.32
32 84 23 00-0359	EA	1", 2-Piece Brass Body, Non-Potable (Purple) Quick-Coupling Irrigation Valve (Rain Bird® 44NP)	252.07	41.32
32 84 23 00-0360		**Anti-Siphon Pressure Type Vacuum Breaker** *(32 84 23 00-0346)* Note: Pressure: 15 to 150 PSI, temperature: 33 to 140 degrees Fahrenheit.		
32 84 23 00-0361	EA	3/4" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT)	315.84	34.90
32 84 23 00-0362	EA	1" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT)	453.61	39.88
32 84 23 00-0363	EA	1-1/4" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT)	825.56	46.12
32 84 23 00-0364	EA	1-1/2" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT)	1,005.77	51.10
32 84 23 00-0365	EA	2" Anti-Siphon Pressure Type Vacuum Breaker	1,013.43	62.33
32 84 23 00-0366		**Manual Sprinkler Control Valves** *(32 84 23 00-0346)*		
32 84 23 00-0367	EA	3/4" Manual Sprinkler Control Valves, With Union	107.52	33.65
32 84 23 00-0368	EA	1" Manual Sprinkler Control Valves, With Union	131.07	36.15
32 84 23 00-0369	EA	1-1/4" Manual Sprinkler Control Valves, With Union	201.73	45.74
32 84 23 00-0370	EA	1-1/2" Manual Sprinkler Control Valves, With Union	239.25	52.73
32 84 23 00-0371	EA	2" Manual Sprinkler Control Valves, With Union	321.57	62.33
32 84 23 00-0372		**Irrigation Piping** *(32 84 23)*		
32 84 23 00-0373		**Irrigation Piping With Fittings, On Grade With Pipe Stabilizers** *(32 84 23 00-0372)* Note: Install stabilizers every 20', at change of direction and at sprinkler heads less than 12" tall.		
32 84 23 00-0374		**Schedule 40 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, On Grade With Pipe Stabilizers** *(32 84 23 00-0373)*		
32 84 23 00-0375	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	3.37	1.15
		For >1,000, Deduct	*-0.17*	
32 84 23 00-0376	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	4.10	1.43
		For >1,000, Deduct	*-0.21*	
32 84 23 00-0377	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	4.93	1.72
		For >1,000, Deduct	*-0.25*	
32 84 23 00-0378	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	6.51	2.18
		For >1,000, Deduct	*-0.33*	
32 84 23 00-0379	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	8.15	2.73
		For >1,000, Deduct	*-0.41*	
32 84 23 00-0380	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	10.34	3.19
		For >1,000, Deduct	*-0.52*	
32 84 23 00-0381	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	14.18	4.59
		For >1,000, Deduct	*-0.71*	
32 84 23 00-0382	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	18.47	5.74
		For >1,000, Deduct	*-0.92*	

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32 84 23 00-0383	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	26.19	7.17
		For >1,000, Deduct	*-1.31*	

32 84 23 00-0384 Class 200, SDR-21 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, On Grade With Pipe Stabilizers *(32 84 23 00-0373)*

32 84 23 00-0385	LF	3/4" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers	3.88	1.43
		For >1,000, Deduct	*-0.19*	
32 84 23 00-0386	LF	1" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers	4.57	1.72
		For >1,000, Deduct	*-0.23*	
32 84 23 00-0387	LF	1-1/2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers	6.26	2.18
		For >1,000, Deduct	*-0.31*	
32 84 23 00-0388	LF	2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers	7.94	2.73
		For >1,000, Deduct	*-0.40*	
32 84 23 00-0389	LF	2-1/2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers	10.01	3.19
		For >1,000, Deduct	*-0.50*	
32 84 23 00-0390	LF	3" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	14.06	4.59
		For >1,000, Deduct	*-0.70*	
32 84 23 00-0391	LF	4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	19.15	5.74
		For >1,000, Deduct	*-0.96*	
32 84 23 00-0392	LF	6" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	30.49	7.17
		For >1,000, Deduct	*-1.52*	

32 84 23 00-0393 Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, On Grade With Pipe Stabilizers *(32 84 23 00-0373)*

32 84 23 00-0394	LF	3/4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	4.07	1.43
		For >1,000, Deduct	*-0.20*	
32 84 23 00-0395	LF	1" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	4.82	1.72
		For >1,000, Deduct	*-0.24*	
32 84 23 00-0396	LF	1-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	6.73	2.18
		For >1,000, Deduct	*-0.34*	
32 84 23 00-0397	LF	2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	8.73	2.73
		For >1,000, Deduct	*-0.44*	
32 84 23 00-0398	LF	2-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	11.28	3.19
		For >1,000, Deduct	*-0.56*	
32 84 23 00-0399	LF	3" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	14.18	4.59
		For >1,000, Deduct	*-0.71*	
32 84 23 00-0400	LF	4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	18.47	5.74
		For >1,000, Deduct	*-0.92*	
32 84 23 00-0401	LF	6" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	26.61	7.17
		For >1,000, Deduct	*-1.33*	

32 84 23 00-0402 Irrigation Piping With Fittings, Trenching, Cover, Backfilled And Compacted

(32 84 23 00-0372)

Note: Install thrust blocks per Caltrans details for 3" piping and larger, upstream of remote control valve.

32 84 23 00-0403 Schedule 40 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 12" Of Cover, Backfilled And Compacted *(32 84 23 00-0402)*

32 84 23 00-0404	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	6.57	1.43
		For >1,000, Deduct	*-0.33*	
32 84 23 00-0405	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	7.41	1.72
		For >1,000, Deduct	*-0.37*	
32 84 23 00-0406	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	8.99	2.18
		For >1,000, Deduct	*-0.45*	
32 84 23 00-0407	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	10.62	2.73
		For >1,000, Deduct	*-0.53*	
32 84 23 00-0408	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	12.81	3.19
		For >1,000, Deduct	*-0.64*	
32 84 23 00-0409	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	16.65	4.59
		For >1,000, Deduct	*-0.83*	
32 84 23 00-0410	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	20.93	5.74
		For >1,000, Deduct	*-1.05*	
32 84 23 00-0411	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	28.65	7.17
		For >1,000, Deduct	*-1.43*	

32 84 23 00-0412 Schedule 40 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 18" Of Cover, Backfilled And Compacted *(32 84 23 00-0402)*

32 84 23 00-0413	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	6.87	1.43
		For >1,000, Deduct	*-0.34*	
32 84 23 00-0414	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	7.71	1.72
		For >1,000, Deduct	*-0.39*	
32 84 23 00-0415	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	9.28	2.18
		For >1,000, Deduct	*-0.46*	
32 84 23 00-0416	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	10.91	2.73
		For >1,000, Deduct	*-0.55*	
32 84 23 00-0417	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	13.11	3.19
		For >1,000, Deduct	*-0.66*	
32 84 23 00-0418	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	16.95	4.59
		For >1,000, Deduct	*-0.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0419	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	21.22	5.74
		For >1,000, Deduct	*-1.06*	
32 84 23 00-0420	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	28.94	7.17
		For >1,000, Deduct	*-1.45*	
32 84 23 00-0421		**Schedule 40 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 24" Of Cover, Backfilled And Compacted** *(32 84 23 00-0402)*		
32 84 23 00-0422	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	7.17	1.43
		For >1,000, Deduct	*-0.36*	
32 84 23 00-0423	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	8.00	1.72
		For >1,000, Deduct	*-0.40*	
32 84 23 00-0424	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	9.58	2.18
		For >1,000, Deduct	*-0.48*	
32 84 23 00-0425	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	11.21	2.73
		For >1,000, Deduct	*-0.56*	
32 84 23 00-0426	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	13.40	3.19
		For >1,000, Deduct	*-0.67*	
32 84 23 00-0427	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	17.25	4.59
		For >1,000, Deduct	*-0.86*	
32 84 23 00-0428	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	21.53	5.74
		For >1,000, Deduct	*-1.08*	
32 84 23 00-0429	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	29.25	7.17
		For >1,000, Deduct	*-1.46*	
32 84 23 00-0430		**Class 200, SDR-21 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 12" Of Cover, Backfilled And Compacted** *(32 84 23 00-0402)*		
32 84 23 00-0431	LF	3/4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	6.45	1.43
		For >1,000, Deduct	*-0.32*	
32 84 23 00-0432	LF	1" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	7.22	1.72
		For >1,000, Deduct	*-0.36*	
32 84 23 00-0433	LF	1-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	9.00	2.18
		For >1,000, Deduct	*-0.45*	
32 84 23 00-0434	LF	2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	11.00	2.73
		For >1,000, Deduct	*-0.55*	
32 84 23 00-0435	LF	2-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	13.43	3.19
		For >1,000, Deduct	*-0.67*	
32 84 23 00-0436	LF	3" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	16.52	4.59
		For >1,000, Deduct	*-0.83*	
32 84 23 00-0437	LF	4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	21.62	5.74
		For >1,000, Deduct	*-1.08*	
32 84 23 00-0438	LF	6" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	32.96	7.17
		For >1,000, Deduct	*-1.65*	
32 84 23 00-0439		**Class 200, SDR-21 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 18" Of Cover, Backfilled And Compacted** *(32 84 23 00-0402)*		
32 84 23 00-0440	LF	3/4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	6.75	1.43
		For >1,000, Deduct	*-0.34*	
32 84 23 00-0441	LF	1" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	7.52	1.72
		For >1,000, Deduct	*-0.38*	
32 84 23 00-0442	LF	1-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	9.29	2.18
		For >1,000, Deduct	*-0.46*	
32 84 23 00-0443	LF	2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	11.29	2.73
		For >1,000, Deduct	*-0.56*	
32 84 23 00-0444	LF	2-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	13.73	3.19
		For >1,000, Deduct	*-0.69*	
32 84 23 00-0445	LF	3" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	16.82	4.59
		For >1,000, Deduct	*-0.84*	
32 84 23 00-0446	LF	4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	21.91	5.74
		For >1,000, Deduct	*-1.10*	
32 84 23 00-0447	LF	6" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	33.25	7.17
		For >1,000, Deduct	*-1.66*	
32 84 23 00-0448		**Class 200, SDR-21 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 24" Of Cover, Backfilled And Compacted** *(32 84 23 00-0402)*		
32 84 23 00-0449	LF	3/4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	7.05	1.43
		For >1,000, Deduct	*-0.35*	
32 84 23 00-0450	LF	1" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	7.81	1.72
		For >1,000, Deduct	*-0.39*	
32 84 23 00-0451	LF	1-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 124" Of Cover, Backfilled And Compacted	9.59	2.18
		For >1,000, Deduct	*-0.48*	
32 84 23 00-0452	LF	2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	11.59	2.73
		For >1,000, Deduct	*-0.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0453	LF	2-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	14.02	3.19
		For >1,000, Deduct	*-0.70*	
32 84 23 00-0454	LF	3" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	17.12	4.59
		For >1,000, Deduct	*-0.86*	
32 84 23 00-0455	LF	4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	22.22	5.74
		For >1,000, Deduct	*-1.11*	
32 84 23 00-0456	LF	6" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	33.56	7.17
		For >1,000, Deduct	*-1.68*	

32 84 23 00-0457 Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 12" Of Cover, Backfilled And Compacted *(32 84 23 00-0402)*

32 84 23 00-0458	LF	3/4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	6.53	1.43
		For >1,000, Deduct	*-0.33*	
32 84 23 00-0459	LF	1" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	7.29	1.72
		For >1,000, Deduct	*-0.36*	
32 84 23 00-0460	LF	1-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	9.21	2.18
		For >1,000, Deduct	*-0.46*	
32 84 23 00-0461	LF	2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	11.19	2.73
		For >1,000, Deduct	*-0.56*	
32 84 23 00-0462	LF	2-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	13.75	3.19
		For >1,000, Deduct	*-0.69*	
32 84 23 00-0463	LF	3" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	16.65	4.59
		For >1,000, Deduct	*-0.83*	
32 84 23 00-0464	LF	4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	20.93	5.74
		For >1,000, Deduct	*-1.05*	
32 84 23 00-0465	LF	6" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	29.07	7.17
		For >1,000, Deduct	*-1.45*	

32 84 23 00-0466 Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 18" Of Cover, Backfilled And Compacted *(32 84 23 00-0402)*

32 84 23 00-0467	LF	3/4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	6.83	1.43
		For >1,000, Deduct	*-0.34*	
32 84 23 00-0468	LF	1" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	7.59	1.72
		For >1,000, Deduct	*-0.38*	
32 84 23 00-0469	LF	1-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	9.50	2.18
		For >1,000, Deduct	*-0.48*	
32 84 23 00-0470	LF	2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	11.48	2.73
		For >1,000, Deduct	*-0.57*	
32 84 23 00-0471	LF	2-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	14.05	3.19
		For >1,000, Deduct	*-0.70*	
32 84 23 00-0472	LF	3" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	16.95	4.59
		For >1,000, Deduct	*-0.85*	
32 84 23 00-0473	LF	4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	21.22	5.74
		For >1,000, Deduct	*-1.06*	
32 84 23 00-0474	LF	6" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	29.36	7.17
		For >1,000, Deduct	*-1.47*	

32 84 23 00-0475 Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 24" Of Cover, Backfilled And Compacted *(32 84 23 00-0402)*

32 84 23 00-0476	LF	3/4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	7.13	1.43
		For >1,000, Deduct	*-0.36*	
32 84 23 00-0477	LF	1" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	7.88	1.72
		For >1,000, Deduct	*-0.39*	
32 84 23 00-0478	LF	1-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	9.80	2.18
		For >1,000, Deduct	*-0.49*	
32 84 23 00-0479	LF	2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	11.78	2.73
		For >1,000, Deduct	*-0.59*	
32 84 23 00-0480	LF	2-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	14.34	3.19
		For >1,000, Deduct	*-0.72*	
32 84 23 00-0481	LF	3" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	17.25	4.59
		For >1,000, Deduct	*-0.86*	
32 84 23 00-0482	LF	4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	21.53	5.74
		For >1,000, Deduct	*-1.08*	
32 84 23 00-0483	LF	6" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	29.67	7.17
		For >1,000, Deduct	*-1.48*	

32 84 23 00-0484 Irrigation Riser Piping With Fittings *(32 84 23 00-0372)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0485	EA	1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 6" Exposed, Type IV Note: Includes #4 steel reinforcing bar, stainless steel hose clamp	20.89	3.44
32 84 23 00-0486	EA	3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 6" Exposed, Type IV Note: Includes #4 steel reinforcing bar, stainless steel hose clamp	22.38	4.30
32 84 23 00-0487	EA	1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 12" Exposed, Type IV Note: Includes #4 steel reinforcing bar, stainless steel hose clamp	22.26	4.02
32 84 23 00-0488	EA	3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 12" Exposed, Type IV Note: Includes #4 steel reinforcing bar, stainless steel hose clamp	24.08	5.02
32 84 23 00-0489	EA	1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 24" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	44.82	6.02
32 84 23 00-0490	EA	3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 24" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	47.41	7.53
32 84 23 00-0491	EA	1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 36" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	52.51	7.74
32 84 23 00-0492	EA	3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 36" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	55.85	9.69
32 84 23 00-0493	EA	1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 48" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	60.22	9.46
32 84 23 00-0494	EA	3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 48" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	64.29	11.84

32 84 23 00-0495 Irrigation Crossover Piping With Fittings *(32 84 23 00-0372)*

Note: Install per Caltrans details. Includes thrust blocks, HDPE sleeve pipe and fittings, 3" pvc irrigation piping and 1" electrical pvc conduit. Excludes #5 concrete irrigation pull boxes on ends, electrical control wiring. See CSI section 32 84 23 00-0095 for #5 concrete pull box, 32 84 23 00-0539 for irrigation wiring.

32 84 23 00-0496 Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 24" Open Trench *(32 84 23 00-0495)*

32 84 23 00-0497	LF	6" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 24" Open Trench Installation	37.20
		For >1,000, Deduct	*-1.86*
32 84 23 00-0498	LF	8" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 24" Open Trench Installation	51.60
		For >1,000, Deduct	*-2.58*
32 84 23 00-0499	LF	10" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 24" Open Trench Installation	70.08
		For >1,000, Deduct	*-3.50*
32 84 23 00-0500	LF	12" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 24" Open Trench Installation	91.73
		For >1,000, Deduct	*-4.59*

32 84 23 00-0501 Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 36" Open Trench *(32 84 23 00-0495)*

32 84 23 00-0502	LF	6" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	38.08
		For >1,000, Deduct	*-1.90*
32 84 23 00-0503	LF	8" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	52.59
		For >1,000, Deduct	*-2.63*
32 84 23 00-0504	LF	10" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	71.16
		For >1,000, Deduct	*-3.56*
32 84 23 00-0505	LF	12" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	92.91
		For >1,000, Deduct	*-4.65*

32 84 23 00-0506 Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 48" Open Trench *(32 84 23 00-0495)*

32 84 23 00-0507	LF	6" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 48" Open Trench Installation	38.98
		For >1,000, Deduct	*-1.95*
32 84 23 00-0508	LF	8" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	53.57
		For >1,000, Deduct	*-2.68*
32 84 23 00-0509	LF	10" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	72.24
		For >1,000, Deduct	*-3.61*
32 84 23 00-0510	LF	12" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	94.10
		For >1,000, Deduct	*-4.71*

32 84 23 00-0511 Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), Directional Bore *(32 84 23 00-0495)*

32 84 23 00-0512	LF	6" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), Directional Bore Installation	103.73
		For >1,000, Deduct	*-5.19*
32 84 23 00-0513	LF	8" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), Directional Bore Installation	131.59
		For >1,000, Deduct	*-6.58*
32 84 23 00-0514	LF	10" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), Directional Bore Installation	156.70
		For >1,000, Deduct	*-7.84*
32 84 23 00-0515	LF	12" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), Directional Bore Installation	184.99
		For >1,000, Deduct	*-9.25*

32 84 23 00-0516 Below Ground Cam Adapter Assembly *(32 84 23 00-0372)*

Note: Includes minimum 6" depth gravel or crushed rock, woven wire cloth, jumbo valve box with 15" x 21.5" cover, 1-1/2" brass ball valve, 1-1/2" aluminum male cam adapter x female NPT, 1-1/2" PVC elbow, 2" PVC reducing tee, 30" PVC pipe

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0517	EA	Below Ground Cam Adapter Assembly Note: Includes 6" depth gravel or crushed rock, woven wire cloth, jumbo valve box with 15" x 21.5" cover, 1-1/2" brass ball valve, 1-1/2" aluminum male cam adapter x female NPT, 1-1/2" PVC elbow, 2" PVC reducing tee, 30" PVC pipe.	771.47	
32 84 23 00-0518		**Above Ground Cam Adapter Assembly** *(32 84 23 00-0372)* Note: Includes concrete thrust block, 1-1/2" plastic ball valve, 1-1/2" aluminum male cam adapter x female NPT, 1-1/2" PVC elbow, 2" PVC reducing tee, 30" PVC pipe		
32 84 23 00-0519	EA	Above Ground Cam Adapter Assembly Note: Includes concrete thrust block, 1-1/2" plastic ball valve, 1-1/2" aluminum male cam adapter x female NPT, 1-1/2" PVC elbow, 2" PVC reducing tee, 30" PVC pipe.	475.25	
32 84 23 00-0520		**Thrust Block** *(32 84 23 00-0372)*		
32 84 23 00-0521	EA	Thrust Block For 1-1/2" Pipe Size And Smaller	41.34	
32 84 23 00-0522	EA	Thrust Block For 2" Pipe	71.01	
32 84 23 00-0523	EA	Thrust Block For 3" And 4" Pipe	100.68	
32 84 23 00-0524	EA	Thrust Block For 6" Pipe	160.78	
32 84 23 00-0525	EA	Thrust Block For 8" Pipe	228.71	
32 84 23 00-0526		**Irrigation Swing Joints** *(32 84 23)*		
32 84 23 00-0527	EA	3/4" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint (Rain Bird® TSJ12075)	64.61	22.84
32 84 23 00-0528	EA	1" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint (Rain Bird® TSJ12)	73.46	25.50
32 84 23 00-0529	EA	1" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint With 70 PSI Pressure Regulator (Rain Bird® TSJ100PRS)	97.74	25.50
32 84 23 00-0530	EA	1/2" Diameter, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type I Note: Consists of three threaded 90-degree elbows and 12" threaded pipe.	48.17	29.77
32 84 23 00-0531	EA	3/4" Diameter, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type I Note: Consists of three threaded 90-degree elbows and 12" threaded pipe.	64.38	39.71
32 84 23 00-0532	EA	1" Diameter, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type I Note: Consists of three threaded 90-degree elbows and 12" threaded pipe.	81.13	48.70
32 84 23 00-0533	EA	1/2" Diameter, 24" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type II Note: Consists of one threaded 90-degree elbow, one threaded x socket 90 degree elbow, one adapter and 24" threaded pipe.	68.43	30.24
32 84 23 00-0534	EA	3/4" Diameter, 24" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type II Note: Consists of one threaded 90-degree elbow, one threaded x socket 90 degree elbow, one adapter and 24" threaded pipe.	90.50	40.11
32 84 23 00-0535	EA	1" Diameter, 24" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type II Note: Consists of one threaded 90-degree elbow, one threaded x socket 90 degree elbow, one adapter and 24" threaded pipe.	111.40	49.19
32 84 23 00-0536	EA	1/2" Diameter, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type III Note: Consists of two street 90-degree elbows.	38.76	18.52
32 84 23 00-0537	EA	3/4" Diameter, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type III Note: Consists of two street 90-degree elbows.	51.82	24.69
32 84 23 00-0538	EA	1" Diameter, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type III Note: Consists of two street 90-degree elbows.	61.69	30.61
32 84 23 00-0539		**Irrigation Control Wire** *(32 84 23)* Note: Excludes excavation and backfill.		
32 84 23 00-0540		**18 AWG, Irrigation Control Wire, Buried In Trench** *(32 84 23 00-0539)*		
32 84 23 00-0541	CLF	1-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	56.09	17.22
32 84 23 00-0542	CLF	2-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	73.87	20.09
32 84 23 00-0543	CLF	3-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	85.02	22.96
32 84 23 00-0544	CLF	4-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	97.39	25.83
32 84 23 00-0545	CLF	5-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	110.93	28.70
32 84 23 00-0546	CLF	6-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	132.94	31.56
32 84 23 00-0547	CLF	7-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	154.00	34.43
32 84 23 00-0548	CLF	8-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	167.35	37.30
32 84 23 00-0549	CLF	9-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	183.85	40.17
32 84 23 00-0550	CLF	10-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	202.85	43.04
32 84 23 00-0551	CLF	11-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	209.76	45.91
32 84 23 00-0552	CLF	12-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	217.91	48.78
32 84 23 00-0553	CLF	13-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	229.88	51.65
32 84 23 00-0554		**16 AWG, Irrigation Control Wire, Buried In Trench** *(32 84 23 00-0539)*		
32 84 23 00-0555	CLF	1-Conductor, 16 AWG, Irrigation Control Wire, Buried In Trench	59.29	17.22
32 84 23 00-0556		**14 AWG, Irrigation Control Wire, Buried In Trench** *(32 84 23 00-0539)*		
32 84 23 00-0557	CLF	1-Conductor, 14 AWG, Irrigation Control Wire, Buried In Trench	59.30	17.22
32 84 23 00-0558		**12 AWG, Irrigation Control Wire, Buried In Trench** *(32 84 23 00-0539)*		
32 84 23 00-0559	CLF	1-Conductor, 12 AWG, Irrigation Control Wire, Buried In Trench	80.46	17.22
32 84 23 00-0560		**10 AWG, Irrigation Control Wire, Buried In Trench** *(32 84 23 00-0539)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0561	CLF	1-Conductor, 10 AWG, Irrigation Control Wire, Buried In Trench	107.28	17.22
32 84 23 00-0562		**Root Watering Systems** *(32 84 23)* Note: Includes swing assembly.		
32 84 23 00-0563	EA	0.25 GPM Bubbler On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-1401)	103.83	22.96
		For Root Watering Sand Sock, Add	*5.58*	
32 84 23 00-0564	EA	0.25 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1401)	111.87	22.96
		For Root Watering Sand Sock, Add	*5.58*	
32 84 23 00-0565	EA	0.5 GPM Bubbler On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-1402)	103.83	22.96
		For Root Watering Sand Sock, Add	*5.58*	
32 84 23 00-0566	EA	0.5 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1402)	111.87	22.96
		For Root Watering Sand Sock, Add	*5.58*	
32 84 23 00-0567	EA	1 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1404)	111.87	22.96
		For Root Watering Sand Sock, Add	*5.58*	
32 84 23 00-0568	EA	0.25 GPM Bubbler On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-1401)	90.13	20.09
		For Root Watering Sand Sock, Add	*5.01*	
32 84 23 00-0569	EA	0.25 GPM Bubbler And Check Valve On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-C-1401)	97.84	20.09
		For Root Watering Sand Sock, Add	*5.01*	
32 84 23 00-0570	EA	0.5 GPM Bubbler On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-1402)	90.13	20.09
		For Root Watering Sand Sock, Add	*5.01*	
32 84 23 00-0571	EA	0.5 GPM Bubbler And Check Valve On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-C-1402)	97.84	20.09
		For Root Watering Sand Sock, Add	*5.01*	
32 84 23 00-0572	EA	0.25 GPM Bubbler On Riser, 10" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-S-B-1401)	61.01	17.22
		For Root Watering Sand Sock, Add	*4.44*	
32 84 23 00-0573	EA	0.25 GPM Bubbler And Check Valve On Riser, 10" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-S-B-C-1401)	68.35	17.22
		For Root Watering Sand Sock, Add	*4.44*	

32 90 Planting *(32)*

Note: Plant installation includes the initial watering only. The extended watering period for the establishment of lawns, plants and trees is addressed on a per plant per amount per occurrence basis as directed in the specification. cvs = cultivar or cultivated varities. See CSI section 32 01 90 26-0000 for additional "extended watering period" tasks.

32 91 Planting Preparation *(32 90)*

32 91 13 Soil Preparation *(32 91)*

32 91 13 16 Mulching *(32 91 13)*

32 91 13 16-0001		**Mulch** *(32 91 13 16)* Note: Includes loading, delivery up to 15 miles and spreading. 1 CY = 108 SF of mulch spread 3" thick. See CSI section 01 74 19 00-0040 for hauling greater than 15 miles.		
32 91 13 16-0002	CY	Pine Bark Nugget Mulch	149.79	
		For >5 To 20, Deduct	*-11.75*	
		For >20 To 50, Deduct	*-17.63*	
		For >50, Deduct	*-25.12*	
		For Work On Slopes >2.5:1, Add	*17.05*	
32 91 13 16-0003	CY	Hardwood Bark Nugget Mulch	147.21	
		For >5 To 20, Deduct	*-11.62*	
		For >20 To 50, Deduct	*-17.44*	
		For >50, Deduct	*-24.80*	
		For Work On Slopes >2.5:1, Add	*17.05*	
32 91 13 16-0004	CY	Pine Wood Chip Mulch	142.04	
		For >5 To 20, Deduct	*-11.37*	
		For >20 To 50, Deduct	*-17.05*	
		For >50, Deduct	*-24.15*	
		For Work On Slopes >2.5:1, Add	*17.05*	
32 91 13 16-0005	CY	Hardwood Chip Mulch	152.37	
		For >5 To 20, Deduct	*-11.88*	
		For >20 To 50, Deduct	*-17.82*	
		For >50, Deduct	*-25.44*	
		For Work On Slopes >2.5:1, Add	*17.05*	
32 91 13 16-0006	CY	Shredded Hardwood Mulch	152.37	
		For >5 To 20, Deduct	*-11.88*	
		For >20 To 50, Deduct	*-17.82*	
		For >50, Deduct	*-25.44*	
		For Work On Slopes >2.5:1, Add	*17.05*	
32 91 13 16-0007	CY	Shredded Pine Mulch	129.14	
		For >5 To 20, Deduct	*-10.72*	
		For >20 To 50, Deduct	*-16.08*	
		For >50, Deduct	*-22.54*	
		For Work On Slopes >2.5:1, Add	*17.05*	
32 91 13 16-0008	CY	Shredded Cedar Mulch	179.47	
		For >5 To 20, Deduct	*-13.24*	
		For >20 To 50, Deduct	*-19.85*	
		For >50, Deduct	*-28.83*	
		For Work On Slopes >2.5:1, Add	*17.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 91 13 16-0009	CY	Shredded Cypress Mulch	175.60	
		For >5 To 20, Deduct	*-13.04*	
		For >20 To 50, Deduct	*-19.56*	
		For >50, Deduct	*-28.34*	
		For Work On Slopes >2.5:1, Add	*17.05*	
32 91 13 16-0010	CY	Shredded Redwood Mulch	185.92	
		For >5 To 20, Deduct	*-13.56*	
		For >20 To 50, Deduct	*-20.34*	
		For >50, Deduct	*-29.63*	
		For Work On Slopes >2.5:1, Add	*17.05*	
32 91 13 16-0011	CY	Pea Gravel Mulch	137.12	
		For >5 To 20, Deduct	*-11.12*	
		For >20 To 50, Deduct	*-16.68*	
		For >50, Deduct	*-23.53*	
		For Work On Slopes >2.5:1, Add	*17.05*	
32 91 13 16-0012	CY	Chunk Recycled Tire Mulch	289.25	
		For >5 To 20, Deduct	*-19.89*	
		For >20 To 50, Deduct	*-29.84*	
		For >50, Deduct	*-44.30*	
		For Work On Slopes >2.5:1, Add	*21.71*	
32 91 13 16-0013	CY	Chunk Colored Recycled Tire Mulch	467.34	
		For >5 To 20, Deduct	*-28.80*	
		For >20 To 50, Deduct	*-43.19*	
		For >50, Deduct	*-66.56*	
		For Work On Slopes >2.5:1, Add	*21.71*	
32 91 13 16-0014	CY	Shredded Recycled Tire Mulch	469.92	
		For >5 To 20, Deduct	*-28.92*	
		For >20 To 50, Deduct	*-43.39*	
		For >50, Deduct	*-66.88*	
		For Work On Slopes >2.5:1, Add	*21.71*	
32 91 13 16-0015	CY	Shredded Colored Recycled Tire Mulch	826.12	
		For >5 To 20, Deduct	*-46.73*	
		For >20 To 50, Deduct	*-70.10*	
		For >50, Deduct	*-111.41*	
		For Work On Slopes >2.5:1, Add	*21.71*	
32 91 13 16-0016	EA	Pine Straw Mulch Bale Note: Covers 50 SF at a thickness of 2" to 4" forming a uniform mat through which none of the original ground surface can be seen.	13.79	
		For >100 To 250, Deduct	*-0.93*	
		For >250 To 500, Deduct	*-1.17*	
		For >500, Deduct	*-1.62*	
		For Work On Slopes >2.5:1, Add	*0.96*	
32 91 13 16-0017	EA	Wheat Straw Mulch Bale Note: Covers 350 SF forming a uniform mat through which 20 to 40% of the original ground surface can be seen.	14.20	
		For >100 To 250, Deduct	*-0.89*	
		For >250 To 500, Deduct	*-1.07*	
		For >500, Deduct	*-1.60*	
		For Work On Slopes >2.5:1, Add	*0.72*	
32 91 13 16-0018	CY	Stone/Gravel Mulch, Marble Chips	328.18	
		For >5 To 20, Deduct	*-20.67*	
		For >20 To 50, Deduct	*-31.01*	
		For >50, Deduct	*-47.42*	
		For Work On Slopes >2.5:1, Add	*17.05*	
32 91 13 16-0019	CY	Stone Mulch, Decomposed Granite Chips	145.94	
		For >5 To 20, Deduct	*-11.56*	
		For >20 To 50, Deduct	*-17.34*	
		For >50, Deduct	*-24.64*	
		For Work On Slopes >2.5:1, Add	*17.05*	

32 91 13 16-0020 Compost Soil Amendment (AgriService) *(32 91 13 16)*

Note: Includes loading, delivery up to 15 miles and spreading. See CSI section 01 74 19 00-0040 for hauling greater than 15 miles.

32 91 13 16-0021	CY	Humic Compost (OIM) Note: (Agri Service or Equal)	106.83	
		For Work On Slopes >2.5:1, Add	*17.05*	
		For >100 To 1,000, Deduct	*-18.13*	
		For >1,000, Deduct	*-27.74*	

32 91 13 26 Planting Beds *(32 91 13)*

Note: Not for use when installing trees and shrubs.

32 91 13 26-0001 Plant Bed Preparation *(32 91 13 26)*

Note: Not for use when installing trees and shrubs.

32 91 13 26-0002	SF	Up To 8" Deep, Prepare And Mix Plant Bed, By Machine Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	1.33	
		For Work On Slopes >2.5:1, Add	*0.27*	
32 91 13 26-0003	SF	>8" To 13" Deep, Prepare And Mix Plant Bed, By Machine Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	1.53	
		For Work On Slopes >2.5:1, Add	*0.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 91 13 26-0004	SF	>13" To 18" Deep, Prepare And Mix Plant Bed, By Machine Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	1.80	
		For Work On Slopes >2.5:1, Add	*0.36*	
32 91 13 26-0005	SF	Up To 8" Deep, Prepare And Mix Plant Bed By Hand Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	6.05	
		For Work On Slopes >2.5:1, Add	*1.21*	
32 91 13 26-0006	SF	>8" To 13" Deep, Prepare And Mix Plant Bed By Hand Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	6.95	
		For Work On Slopes >2.5:1, Add	*1.39*	
32 91 13 26-0007	SF	>13" To 18" Deep, Prepare And Mix Plant Bed By Hand Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	8.17	
		For Work On Slopes >2.5:1, Add	*1.63*	
32 91 13 26-0008		**Planting Pit Preparation** *(32 91 13 26)* Note: Not for use when installing trees and shrubs.		
32 91 13 26-0009	CY	Excavate Planting Pit By Hand, Sandy Soil Note: For use with existing planting pits.	104.62	
		For Work On Slopes >2.5:1, Add	*20.92*	
32 91 13 26-0010	CY	Excavate Planting Pit By Hand, Heavy Soil Note: For use with existing planting pits.	209.25	
		For Work On Slopes >2.5:1, Add	*41.85*	
32 91 13 26-0011	CY	Excavate Planting Pit By Machine, Sandy Soil Note: For use with existing planting pits.	16.55	
		For Work On Slopes >2.5:1, Add	*3.31*	
32 91 13 26-0012	CY	Excavate Planting Pit By Machine, Heavy Soil Note: For use with existing planting pits.	21.53	
		For Work On Slopes >2.5:1, Add	*4.31*	
32 91 13 26-0013	CY	Backfill Planting Pit By Hand With Topsoil From Stockpile	92.97	
		For Work On Slopes >2.5:1, Add	*18.59*	
32 91 13 26-0014	CY	Backfill Planting Pit By Hand With Contractor Furnished Planting Mix	130.55	
		For Work On Slopes >2.5:1, Add	*17.02*	
32 91 13 26-0015	CY	Backfill Planting Pit By Machine, With Topsoil From Stockpile	9.02	
		For Work On Slopes >2.5:1, Add	*1.80*	
32 91 13 26-0016	CY	Backfill Planting Pit By Machine, With Contractor Furnished Planting Mix	68.27	
		For Work On Slopes >2.5:1, Add	*4.56*	
32 91 13 26-0017		**Weed Barrier** *(32 91 13 26)*		
32 91 13 26-0018	SY	Up To 3 Oz./SY Non-Woven, Polypropylene Weed Barrier	2.59	
		For Work On Slopes >2.5:1, Add	*0.17*	
32 91 13 26-0019	SY	4 Oz./SY Woven, Polypropylene Weed Barrier	3.50	
		For Work On Slopes >2.5:1, Add	*0.17*	
32 91 13 26-0020	SY	5 Oz./SY Woven, Needle Punched Polypropylene Weed Barrier	3.90	
		For Work On Slopes >2.5:1, Add	*0.17*	
32 91 13 33		**Soil Conditioners** *(32 91 13)*		
32 91 13 33-0001		**Spread Soil Conditioners** *(32 91 13 33)*		
32 91 13 33-0002	SY	Aluminum Sulfate 1 Lb./SY, Push Spreader	0.49	
32 91 13 33-0003	MSF	Aluminum Sulfate 110 Lb./MSF Tractor Spreader	46.55	
32 91 13 33-0004	MSF	Fertilizer, 20 Lb./MSF, Push Spreader	8.57	
32 91 13 33-0005	MSF	Fertilizer, 20 Lb./MSF, Tractor Spread	3.52	
32 91 13 33-0006	MSF	Fertilizer, 20 Lb./MSF, Truck Spread	6.30	
32 91 13 33-0007	SY	Pelletized Lime, 1 Lb./SY, Push Spreader	0.12	
32 91 13 33-0008	MSF	Pelitized Lime, 110 Lb./MSF, Tractor Spreader	8.88	
32 91 13 33-0009	SY	Perlite, 1" Deep, Push Spreader	4.23	
32 91 13 33-0010	MSF	Perlite, 1" Deep, Tractor Spreader	439.55	
32 91 13 33-0011	SY	Vermiculite, Push Spreader	3.93	
32 91 13 33-0012	MSF	Vermiculite, Tractor Spreader	429.37	
32 91 13 33-0013	SY	Humate Granular Soil Conditioner, 0.10 Lb./SY, Push Spreader	0.24	
32 91 13 33-0014	MSF	Humate Granular Soil Conditioner, 10 Lb./MSF, Tractor Spreader	21.71	
32 91 13 36		**Lawn Bed Preparation** *(32 91 13)*		
32 91 13 36-0001		**Lawn Bed Preparation** *(32 91 13 36)*		
32 91 13 36-0002	MSF	Rake Topsoil With Machine	103.36	
32 91 13 36-0003	MSF	Rake Topsoil By Hand	83.69	
32 91 13 36-0004	MSF	Screen Loam By Hand	55.80	
32 91 13 36-0005	SY	Roll Topsoil With Machine	1.33	
32 91 13 36-0006	SY	Roll Topsoil By Hand	3.74	
32 91 13 36-0007	MSF	Removal Of Rocks And Debris With Machine	12.22	
32 91 13 36-0008	MSF	Removal Of Rocks And Debris By Hand	38.03	
32 91 13 36-0009	MSF	Root Raking And Loading, No Boulders	63.97	
		For >45 to 225, Deduct	*-44.78*	
		For >225, Deduct	*-57.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 91 13 36-0010	MSF	Root Raking And Loading, With Boulders	106.61	
		For >45 to 225, Deduct	*-74.63*	
		For >225, Deduct	*-95.95*	
32 91 13 36-0011	MSF	Up To 6" Deep Tilling Topsoil With Tractor	5.73	
32 91 13 36-0012	MSF	>6" To 12" Deep Tilling Topsoil With Tractor	11.61	
		For Work On Slopes >2.5:1, Add	*2.32*	
32 91 13 36-0013	SY	Up To 2" Deep Tilling Topsoil With Rototiller	0.89	
32 91 13 36-0014	SY	>2" To 4" Deep Tilling Topsoil With Rototiller	1.06	
32 91 13 36-0015	SY	>4" To 6" Deep Tilling Topsoil With Rototiller	1.33	
32 91 13 36-0016	LF	"V" Cut Soil For Edge Of Planting Beds	1.48	

32 91 13 36-0017 Sod Removal *(32 91 13 36)*

32 91 13 36-0018	SY	Removal Of Sod By Hand	7.06	
		For Work On Slopes >2.5:1, Add	*1.41*	
32 91 13 36-0019	SY	Removal Of Sod With Machine	0.77	
		For Work On Slopes >2.5:1, Add	*0.15*	
32 91 13 36-0020	SY	Pile Sod By Hand	4.18	
		For Work On Slopes >2.5:1, Add	*0.84*	
32 91 13 36-0021	SY	Pile Sod With Machine	1.45	
		For Work On Slopes >2.5:1, Add	*0.29*	

32 91 19 Landscape Grading *(32 91)*

32 91 19 13 Topsoil Placement and Grading *(32 91 19)*

32 91 19 13-0001 Remove And Stockpile Topsoil On Site *(32 91 19 13)*

32 91 19 13-0002	CY	Removal Of Topsoil, 4" Deep Stockpile On Site	6.03	
32 91 19 13-0003	CY	Removal Of Topsoil, 6" Deep Stockpile On Site	5.97	

32 91 19 13-0004 Screening Topsoil *(32 91 19 13)*

32 91 19 13-0005	CY	Screen Topsoil With Vibrating Screen, Wet Material (Organic)	12.87	
32 91 19 13-0006	CY	Screen Topsoil With Vibrating Screen, Dry Material	8.58	

32 91 19 13-0007 Spreading Topsoil From Stockpile *(32 91 19 13)*

32 91 19 13-0008	CY	Spread Topsoil By Machine From Stockpile	9.87	
32 91 19 13-0009	CY	Spread Topsoil By Hand From Stockpile	79.86	

32 91 19 13-0010 Furnish And Place Imported Screened Topsoil *(32 91 19 13)*

Note: Includes delivery up to 15 miles from the closest approved source and spread by machine. Excludes hand spreading. See CSI section 01 74 19 00-0040 for hauling greater than 15 miles, 31 23 16 36-0030 for hand spreading.

32 91 19 13-0011	SY	Furnish And Place Imported Screened Topsoil, 2" Deep	4.18	
		For Unscreened, Deduct	*-0.48*	
32 91 19 13-0012	SY	Furnish And Place Imported Screened Topsoil, 4" Deep	7.99	
		For Unscreened, Deduct	*-0.95*	
32 91 19 13-0013	SY	Furnish And Place Imported Screened Topsoil, 6" Deep	11.51	
		For Unscreened, Deduct	*-1.43*	
32 91 19 13-0014	SY	Furnish And Place Imported Screened Topsoil, 9" Deep	16.55	
		For Unscreened, Deduct	*-2.14*	
32 91 19 13-0015	SY	Furnish And Place Imported Screened Topsoil, 12" Deep	21.58	
		For Unscreened, Deduct	*-2.86*	
32 91 19 13-0016	CY	Furnish And Place Imported Screened Topsoil, Over 12" Deep	58.53	
		For Unscreened, Deduct	*-8.57*	

32 91 19 13-0017 Scarify Soil For Planting Preparation *(32 91 19 13)*

Note: Ripped in multiple directions with 3" maximum clods.

32 91 19 13-0018	MSF	Up To 5,000 SF Scarify Up To 8" Soil With Machine	77.43	
32 91 19 13-0019	MSF	>5,000 To 20,000 SF Scarify Up To 8" Soil With Machine	54.19	
32 91 19 13-0020	MSF	>20,000 SF Scarify Up To 8" Soil With Machine	31.82	

32 92 Turf and Grasses *(32 90)*

32 92 16 Plugging *(32 92)*

32 92 16 00-0001 Bermuda Or Centipede Plugging, 1" Deep *(32 92 16)*

Note: Includes fine grade and soil preparation.

32 92 16 00-0002 6" On Center Plugging *(32 92 16 00-0001)*

32 92 16 00-0003	MSF	Plugging By Hand, 6" On Center	269.44	
32 92 16 00-0004	MSF	Plugging By Walk Behind Planter, 6" On Center	36.57	
32 92 16 00-0005	MSF	Plugging By Towed Planter, 6" On Center	27.09	

32 92 16 00-0006 9" On Center Plugging *(32 92 16 00-0001)*

32 92 16 00-0007	MSF	Plugging By Hand, 9" On Center	206.71	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 16 00-0008	MSF	Plugging By Walk Behind Planter, 9" On Center	28.66	
32 92 16 00-0009	MSF	Plugging By Towed Planter, 9" On Center	20.31	

32 92 16 00-0010 12" On Center Plugging *(32 92 16 00-0001)*

32 92 16 00-0011	MSF	Plugging By Hand, 12" On Center	174.11	
32 92 16 00-0012	MSF	Plugging By Walk Behind Planter, 12" On Center	19.42	
32 92 16 00-0013	MSF	Plugging By Towed Planter, 12" On Center	13.00	

32 92 19 Seeding *(32 92)*

32 92 19 13 Mechanical Seeding *(32 92 19)*

Note: Includes fertilizing, liming, mixing, seeding and initial watering.

32 92 19 13-0001 Tractor Spreader Mechanical Seeding *(32 92 19 13)*

Note: Excludes straw.

32 92 19 13-0002	MSF	California Native Grass Mix, Tractor Spreader	51.57	
		For >5 To 20, Deduct	*-3.28*	
		For >20 To 45, Deduct	*-5.98*	
		For >45, Deduct	*-9.39*	
32 92 19 13-0003	MSF	Common Bluegrass, Tractor Spreader Note: 4 Lbs./MSF spread rate.	54.89	
32 92 19 13-0004	MSF	Tall Fescue, Tractor Spreader Note: 5.5 Lbs./MSF spread rate.	43.67	
32 92 19 13-0005	MSF	Rye, Tractor Spreader Note: 10 Lbs./MSF spread rate.	44.46	
32 92 19 13-0006	MSF	Shade Mix, Tractor Spreader Note: 6 Lbs./MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.	48.51	
32 92 19 13-0007	MSF	Turf Mix, Tractor Spreader Note: 4 Lbs./MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.	51.41	
32 92 19 13-0008	MSF	Slope Mix, Tractor Spreader Note: 6 Lbs./MSF spread rate.	47.54	
32 92 19 13-0009	MSF	Utility Mix, Tractor Spreader Note: 7 Lbs./MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.	42.71	
32 92 19 13-0010	MSF	Wild Flower Mix, Tractor Spreader Note: 0.10 Lbs./MSF spread rate.	33.61	
32 92 19 13-0011	MSF	Crown Vetch Mix, Tractor Spreader Note: 4 Lbs./MSF spread rate.	105.59	
32 92 19 13-0012	MSF	Athletic Mix, Tractor Spreader Note: 8 Lbs./MSF spread rate. Mixture of three varieties of drought resistant bluegrass, tall fescue and Kentucky bluegrass.	63.02	
32 92 19 13-0013	MSF	White Clover Mix, Tractor Spreader Note: 7 Lbs./MSF spread rate.	33.51	
32 92 19 13-0014	MSF	Ladino Clover Mix, Tractor Spreader Note: 7 Lbs./MSF spread rate.	37.38	
32 92 19 13-0015	MSF	Bermuda, Tractor Spreader Note: 10 Lbs./MSF spread rate.	51.95	

32 92 19 13-0016 Hydro Or Air Mechanical Seeding *(32 92 19 13)*

32 92 19 13-0017	MSF	California Native Grass Mix, Hydro Or Air Seeding	104.49	
		For >5 To 20, Deduct	*-6.86*	
		For >20 To 45, Deduct	*-12.75*	
		For >45, Deduct	*-20.28*	
		For Spot Areas Up To 1, Add	*113.87*	
		For >1 To 4, Add	*73.31*	
		For >4 To 7.5, Add	*49.76*	
		For >7.5 To 10, Add	*24.88*	
		For >45, Deduct	*-8.50*	
32 92 19 13-0018	MSF	Common Bluegrass, Hydro Or Air Seeding Note: 4 Lbs./MSF spread rate.	110.03	
		For Spot Areas Up To 1, Add	*116.08*	
		For >1 To 4, Add	*74.42*	
		For >4 To 7.5, Add	*50.32*	
		For >7.5 To 10, Add	*25.16*	
		For >45, Deduct	*-8.78*	
		For Tackifier, Add	*4.57*	
32 92 19 13-0019	MSF	Tall Fescue, Hydro Or Air Seeding Note: 5.5 Lbs./MSF spread rate.	116.80	
		For Spot Areas Up To 1, Add	*118.79*	
		For >1 To 4, Add	*75.78*	
		For >4 To 7.5, Add	*50.99*	
		For >7.5 To 10, Add	*25.50*	
		For >45, Deduct	*-9.12*	
		For Tackifier, Add	*4.57*	
32 92 19 13-0020	MSF	Rye, Hydro Or Air Spread Note: 10 Lbs./MSF spread rate.	110.31	
		For Spot Areas Up To 1, Add	*116.20*	
		For >1 To 4, Add	*74.48*	
		For >4 To 7.5, Add	*50.34*	
		For >7.5 To 10, Add	*25.17*	
		For >45, Deduct	*-8.79*	
		For Tackifier, Add	*4.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 19 13-0021	MSF	Shade Mix, Hydro Or Air Seeding	110.03	
		Note: 6 Lbs./MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.		
		For Spot Areas Up To 1, Add	*116.08*	
		For >1 To 4, Add	*74.42*	
		For >4 To 7.5, Add	*50.32*	
		For >7.5 To 10, Add	*25.16*	
		For >45, Deduct	*-8.78*	
		For Tackifier, Add	*4.57*	
32 92 19 13-0022	MSF	Turf Mix, Hydro Or Air Seeding	116.80	
		Note: 4 Lbs./MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.		
		For Spot Areas Up To 1, Add	*118.79*	
		For >1 To 4, Add	*75.78*	
		For >4 To 7.5, Add	*50.99*	
		For >7.5 To 10, Add	*25.50*	
		For >45, Deduct	*-9.12*	
		For Tackifier, Add	*4.57*	
32 92 19 13-0023	MSF	Slope Mix, Hydro Or Air Seeding	113.90	
		Note: 6 Lbs./MSF spread rate.		
		For Spot Areas Up To 1, Add	*117.63*	
		For >1 To 4, Add	*75.20*	
		For >4 To 7.5, Add	*50.70*	
		For >7.5 To 10, Add	*25.35*	
		For >45, Deduct	*-8.97*	
		For Tackifier, Add	*4.57*	
32 92 19 13-0024	MSF	Utility Mix, Hydro Or Air Seeding	111.55	
		Note: 7 Lbs./MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.		
		For Spot Areas Up To 1, Add	*116.69*	
		For >1 To 4, Add	*74.73*	
		For >4 To 7.5, Add	*50.47*	
		For >7.5 To 10, Add	*25.23*	
		For >45, Deduct	*-8.85*	
		For Tackifier, Add	*4.57*	
32 92 19 13-0025	MSF	Wild Flower Mix, Hydro Or Air Seeding	104.02	
		Note: 0.10 Lbs./MSF spread rate.		
		For Spot Areas Up To 1, Add	*113.68*	
		For >1 To 4, Add	*73.22*	
		For >4 To 7.5, Add	*49.71*	
		For >7.5 To 10, Add	*24.86*	
		For >45, Deduct	*-8.48*	
		For Tackifier, Add	*4.57*	
32 92 19 13-0026	MSF	Crown Vetch Mix, Hydro Or Air Seeding	171.95	
		Note: 4 Lbs./MSF spread rate.		
		For Spot Areas Up To 1, Add	*140.85*	
		For >1 To 4, Add	*86.81*	
		For >4 To 7.5, Add	*56.51*	
		For >7.5 To 10, Add	*28.25*	
		For >45, Deduct	*-11.87*	
		For Tackifier, Add	*4.57*	
32 92 19 13-0027	MSF	Athletic Mix, Hydro Or Air Seeding	150.68	
		Note: 8 Lbs./MSF spread rate. Mixture of three varieties of drought resistant bluegrass, tall fescue and Kentucky bluegrass.		
		For Spot Areas Up To 1, Add	*132.34*	
		For >1 To 4, Add	*82.55*	
		For >4 To 7.5, Add	*54.38*	
		For >7.5 To 10, Add	*27.19*	
		For >45, Deduct	*-10.81*	
		For Tackifier, Add	*4.57*	
32 92 19 13-0028	MSF	White Clover Mix, Hydro Or Air Seeding	94.84	
		Note: 7 Lbs./MSF spread rate.		
		For Spot Areas Up To 1, Add	*110.01*	
		For >1 To 4, Add	*71.38*	
		For >4 To 7.5, Add	*48.80*	
		For >7.5 To 10, Add	*24.40*	
		For >45, Deduct	*-8.02*	
		For Tackifier, Add	*4.57*	
32 92 19 13-0029	MSF	Ladino Clover Mix, Hydro Or Air Seeding	106.16	
		Note: 7 Lbs./MSF spread rate.		
		For Spot Areas Up To 1, Add	*114.54*	
		For >1 To 4, Add	*73.65*	
		For >4 To 7.5, Add	*49.93*	
		For >7.5 To 10, Add	*24.96*	
		For >45, Deduct	*-8.58*	
		For Tackifier, Add	*4.57*	
32 92 19 13-0030	MSF	60% Kentucky Bluegrass, 20% Creeping Red Fescue, 10% Red Top And 10% Domestic Rye, Hydro Or Air Spread	111.96	
		Note: 4 Lbs./MSF spread rate.		
		For Spot Areas Up To 1, Add	*116.86*	
		For >1 To 4, Add	*74.81*	
		For >4 To 7.5, Add	*50.51*	
		For >7.5 To 10, Add	*25.25*	
		For >45, Deduct	*-8.87*	
		For Tackifier, Add	*4.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 19 13-0031	MSF	2,500 Lb./Acre, High Performance - Flexible Growth Medium Note: Applied with seed. Excludes seed.	140.78	
		For Spot Areas Up To 1, Add	*92.36*	
		For >1 To 4, Add	*54.37*	
		For >4 To 7.5, Add	*33.74*	
		For >7.5 To 10, Add	*16.87*	
		For >45, Deduct	*-8.68*	
32 92 19 13-0032	MSF	3,000 Lb./Acre, High Performance - Flexible Growth Medium Note: Applied with seed. Excludes seed.	164.02	
		For Spot Areas Up To 1, Add	*103.45*	
		For >1 To 4, Add	*60.32*	
		For >4 To 7.5, Add	*37.04*	
		For >7.5 To 10, Add	*18.52*	
		For >45, Deduct	*-9.92*	
32 92 19 13-0033	MSF	3,500 Lb./Acre, High Performance - Flexible Growth Medium Note: Applied with seed. Excludes seed.	187.36	
		For Spot Areas Up To 1, Add	*114.69*	
		For >1 To 4, Add	*66.38*	
		For >4 To 7.5, Add	*40.41*	
		For >7.5 To 10, Add	*20.21*	
		For >45, Deduct	*-11.17*	
32 92 19 13-0034	MSF	4,000 Lb./Acre, High Performance - Flexible Growth Medium Note: Applied with seed. Excludes seed.	210.75	
		For Spot Areas Up To 1, Add	*126.01*	
		For >1 To 4, Add	*72.49*	
		For >4 To 7.5, Add	*43.83*	
		For >7.5 To 10, Add	*21.91*	
		For >45, Deduct	*-12.43*	
32 92 19 13-0035	MSF	4,500 Lb./Acre, High Performance - Flexible Growth Medium Note: Applied with seed. Excludes seed.	234.26	
		For Spot Areas Up To 1, Add	*137.52*	
		For >1 To 4, Add	*78.72*	
		For >4 To 7.5, Add	*47.32*	
		For >7.5 To 10, Add	*23.66*	
		For >45, Deduct	*-13.70*	

32 92 19 19 Seeding by Hand *(32 92 19)*

Note: Includes fertilizing, liming, mixing, seeding and initial watering. See CSI section 32 91 13 16-0017 for wheat straw mulch.

32 92 19 19-0001 Push Spreader Or Hand Seeding *(32 92 19 19)*

Note: Excludes straw.

32 92 19 19-0002	MSF	California Native Grass Mix, Push Spreader Or Hand	127.99	
		For >5 To 20, Deduct	*-9.01*	
		For >20 To 45, Deduct	*-17.45*	
		For >45, Deduct	*-28.49*	
32 92 19 19-0003	MSF	Common Bluegrass, Push Spreader Or Hand Note: 4 Lbs./MSF spread rate.	131.31	
		For >5 To 20, Deduct	*-9.18*	
		For >20 To 45, Deduct	*-17.69*	
		For >45, Deduct	*-28.82*	
32 92 19 19-0004	MSF	Tall Fescue, Push Spreader Or Hand Note: 5.5 Lbs./MSF spread rate.	120.09	
		For >5 To 20, Deduct	*-8.62*	
		For >20 To 45, Deduct	*-16.85*	
		For >45, Deduct	*-27.70*	
32 92 19 19-0005	MSF	Rye, Push Spreader Or Hand Note: 10 Lbs./MSF spread rate.	120.88	
		For >5 To 20, Deduct	*-8.66*	
		For >20 To 45, Deduct	*-16.91*	
		For >45, Deduct	*-27.78*	
32 92 19 19-0006	MSF	Shade Mix, Push Spreader Or Hand Note: 6 Lbs./MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.	124.93	
		For >5 To 20, Deduct	*-8.86*	
		For >20 To 45, Deduct	*-17.22*	
		For >45, Deduct	*-28.18*	
32 92 19 19-0007	MSF	Turf Mix, Push Spreader Or Hand Note: 4 Lbs./MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.	127.83	
		For >5 To 20, Deduct	*-9.01*	
		For >20 To 45, Deduct	*-17.43*	
		For >45, Deduct	*-28.47*	
32 92 19 19-0008	MSF	Slope Mix, Push Spreader Or Hand Note: 6 Lbs./MSF spread rate.	123.96	
		For >5 To 20, Deduct	*-8.81*	
		For >20 To 45, Deduct	*-17.14*	
		For >45, Deduct	*-28.09*	
32 92 19 19-0009	MSF	Utility Mix, Push Spreader Or Hand Note: 7 Lbs./MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.	119.13	
		For >5 To 20, Deduct	*-8.57*	
		For >20 To 45, Deduct	*-16.78*	
		For >45, Deduct	*-27.60*	
32 92 19 19-0010	MSF	Wild Flower Mix, Push Spreader Or Hand Note: 0.10 Lbs./MSF spread rate.	110.03	
		For >5 To 20, Deduct	*-8.12*	
		For >20 To 45, Deduct	*-16.10*	
		For >45, Deduct	*-26.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 19 19-0011	MSF	Crown Vetch Mix, Push Spreader Or Hand	182.01	
		Note: 4 Lbs./MSF spread rate.		
		For >5 To 20, Deduct	*-11.72*	
		For >20 To 45, Deduct	*-21.50*	
		For >45, Deduct	*-33.89*	
32 92 19 19-0012	MSF	Athletic Mix, Push Spreader Or Hand	139.44	
		Note: 8 Lbs./MSF spread rate. Mixture of drought resistant bluegrass, tall fescue and Kentucky bluegrass.		
		For >5 To 20, Deduct	*-9.59*	
		For >20 To 45, Deduct	*-18.30*	
		For >45, Deduct	*-29.64*	
32 92 19 19-0013	MSF	White Clover Mix, Push Spreader Or Hand	109.93	
		Note: 7 Lbs./MSF spread rate.		
		For >5 To 20, Deduct	*-8.11*	
		For >20 To 45, Deduct	*-16.09*	
		For >45, Deduct	*-26.68*	
32 92 19 19-0014	MSF	Ladino Clover Mix, Push Spreader Or Hand	113.80	
		Note: 7 Lbs./MSF spread rate.		
		For >5 To 20, Deduct	*-8.31*	
		For >20 To 45, Deduct	*-16.38*	
		For >45, Deduct	*-27.07*	
32 92 19 19-0015	MSF	100% Kentucky Bluegrass, Push Spreader Or Hand	133.15	
		Note: 3.3 Lbs./MSF spread rate.		
		For >5 To 20, Deduct	*-9.27*	
		For >20 To 45, Deduct	*-17.83*	
		For >45, Deduct	*-29.01*	
32 92 19 19-0016	MSF	70% Kentucky Bluegrass And 30% Fescue, Push Spreader Or Hand	127.83	
		Note: 3.3 Lbs./MSF spread rate.		
		For >5 To 20, Deduct	*-9.01*	
		For >20 To 45, Deduct	*-17.43*	
		For >45, Deduct	*-28.47*	
32 92 19 19-0017	MSF	50% Kentucky Bluegrass And 50% Fescue, Push Spreader Or Hand	123.96	
		Note: 3.3 Lbs./MSF spread rate.		
		For >5 To 20, Deduct	*-8.81*	
		For >20 To 45, Deduct	*-17.14*	
		For >45, Deduct	*-28.09*	
32 92 19 19-0018	MSF	50% Kentucky Bluegrass And 50% Perennial Rye, Push Spreader Or Hand	131.70	
		Note: 4.4 Lbs./MSF spread rate.		
		For >5 To 20, Deduct	*-9.20*	
		For >20 To 45, Deduct	*-17.72*	
		For >45, Deduct	*-28.86*	
32 92 19 19-0019	MSF	60% Kentucky Bluegrass, 20% Creeping Red Fescue, 10% Red Top And 10% Domestic Rye, Push Spreader Or Hand	125.90	
		Note: 3.3 Lbs./MSF spread rate.		
		For >5 To 20, Deduct	*-8.91*	
		For >20 To 45, Deduct	*-17.29*	
		For >45, Deduct	*-28.28*	
32 92 19 19-0020	MSF	40% Creeping Red Fescue, 30% Kentucky Bluegrass, 10% Red Top, And 20% Blue Tag Perennial Rye, Push Spreader Or Hand	127.83	
		Note: 3.3 Lbs./MSF spread rate.		
		For >5 To 20, Deduct	*-9.01*	
		For >20 To 45, Deduct	*-17.43*	
		For >45, Deduct	*-28.47*	
32 92 19 19-0021	MSF	Bermuda, Push Spreader Or Hand	128.37	
		Note: 10 Lbs./MSF spread rate.		
		For >5 To 20, Deduct	*-9.03*	
		For >20 To 45, Deduct	*-17.47*	
		For >45, Deduct	*-28.53*	

32 92 23 Sodding *(32 92)*

Note: Includes raking preparation, water thoroughly and allow surface to dry before planting, rolling of sod, sanding seams for (up to 16" wide by 24" long) squares or (up to 24" wide by 54" long) rolls and initial watering within 2 hours after planting.

32 92 23 00-0001 Bermuda Sod *(32 92 23)*

32 92 23 00-0002	MSF	Up To 1,000 SF, Bermuda Sod, Installed On Level Ground	1,815.19
32 92 23 00-0003	MSF	>1,000 To 4,000 SF, Bermuda Sod, Installed On Level Ground	1,531.00
32 92 23 00-0004	MSF	>4,000 To 8,000 SF, Bermuda Sod, Installed On Level Ground	1,303.18
32 92 23 00-0005	MSF	>8,000 SF, Bermuda Sod, Installed On Level Ground	1,141.02
32 92 23 00-0006	MSF	Up To 1,000 SF, Bermuda Sod, Installed On Sloped (>1:6) Ground With Stakes	2,226.49
32 92 23 00-0007	MSF	>1,000 To 4,000 SF, Bermuda Sod, Installed On Sloped (>1:6) Ground With Stakes	1,879.20
32 92 23 00-0008	MSF	>4,000 To 8,000 SF, Bermuda Sod, Installed On Sloped (>1:6) Ground With Stakes	1,543.40
32 92 23 00-0009	MSF	>8,000 SF, Bermuda Sod, Installed On Sloped (>1:6) Ground With Stakes	1,345.29

32 92 23 00-0010 Zoysia Sod *(32 92 23)*

32 92 23 00-0011	MSF	Up To 1,000 SF, Zoysia Sod, Installed On Level Ground	2,633.78
32 92 23 00-0012	MSF	>1,000 To 4,000 SF, Zoysia Sod, Installed On Level Ground	2,142.89
32 92 23 00-0013	MSF	>4,000 To 8,000 SF, Zoysia Sod, Installed On Level Ground	1,813.09
32 92 23 00-0014	MSF	>8,000 SF, Zoysia Sod, Installed On Level Ground	1,548.94
32 92 23 00-0015	MSF	Up To 1,000 SF, Zoysia Sod, Installed On Sloped (>1:6) Ground With Stakes	3,042.33
32 92 23 00-0016	MSF	>1,000 To 4,000 SF, Zoysia Sod, Installed On Sloped (>1:6) Ground With Stakes	2,491.09
32 92 23 00-0017	MSF	>4,000 To 8,000 SF, Zoysia Sod, Installed On Sloped (>1:6) Ground With Stakes	2,053.31
32 92 23 00-0018	MSF	>8,000 SF, Zoysia Sod, Installed On Sloped (>1:6) Ground With Stakes	1,753.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 92 23 00-0019 Tall Fescue Sod *(32 92 23)*

32 92 23 00-0020	MSF	Up To 1,000 SF, Tall Fescue Sod, Installed On Level Ground	2,596.01	
		For Hybrid Fescue "Marathon", Add	*173.32*	
32 92 23 00-0021	MSF	>1,000 To 4,000 SF, Tall Fescue Sod, Installed On Level Ground	2,114.56	
		For Hybrid Fescue "Marathon", Add	*130.56*	
32 92 23 00-0022	MSF	>4,000 To 8,000 SF, Tall Fescue Sod, Installed On Level Ground	1,789.48	
		For Hybrid Fescue "Marathon", Add	*109.18*	
32 92 23 00-0023	MSF	>8,000 SF, Tall Fescue Sod, Installed On Level Ground	1,530.06	
		For Hybrid Fescue "Marathon", Add	*87.79*	
32 92 23 00-0024	MSF	Up To 1,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes	3,004.56	
		For Hybrid Fescue "Marathon", Add	*173.32*	
32 92 23 00-0025	MSF	>1,000 To 4,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes	2,462.76	
		For Hybrid Fescue "Marathon", Add	*130.56*	
32 92 23 00-0026	MSF	>4,000 To 8,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes	2,029.70	
		For Hybrid Fescue "Marathon", Add	*109.18*	
32 92 23 00-0027	MSF	>8,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes	1,734.33	
		For Hybrid Fescue "Marathon", Add	*87.79*	

32 92 23 00-0028 Centipede Sod *(32 92 23)*

32 92 23 00-0029	MSF	Up To 1,000 SF, Centipede Sod, Installed On Level Ground	2,318.40	
32 92 23 00-0030	MSF	>1,000 To 4,000 SF, Centipede Sod, Installed On Level Ground	1,906.35	
32 92 23 00-0031	MSF	>4,000 To 8,000 SF, Centipede Sod, Installed On Level Ground	1,615.97	
32 92 23 00-0032	MSF	>8,000 SF, Centipede Sod, Installed On Level Ground	1,391.25	
32 92 23 00-0033	MSF	Up To 1,000 SF, Centipede Sod, Installed On Sloped (>1:6) Ground With Stakes	2,726.95	
32 92 23 00-0034	MSF	>1,000 To 4,000 SF, Centipede Sod, Installed On Sloped (>1:6) Ground With Stakes	2,254.55	
32 92 23 00-0035	MSF	>4,000 To 8,000 SF, Centipede Sod, Installed On Sloped (>1:6) Ground With Stakes	1,856.19	
32 92 23 00-0036	MSF	>8,000 SF, Centipede Sod, Installed On Sloped (>1:6) Ground With Stakes	1,595.52	

32 92 23 00-0037 Kentucky Blue Grass Sod *(32 92 23)*

32 92 23 00-0038	MSF	Up To 1,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground	2,207.19	
32 92 23 00-0039	MSF	>1,000 To 4,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground	1,822.94	
32 92 23 00-0040	MSF	>4,000 To 8,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground	1,546.47	
32 92 23 00-0041	MSF	>8,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground	1,335.65	
32 92 23 00-0042	MSF	Up To 1,000 SF, Kentucky Blue Grass Sod, Installed On Sloped (>1:6) Ground With Stakes	2,615.74	
32 92 23 00-0043	MSF	>1,000 To 4,000 SF, Kentucky Blue Grass Sod, Installed On Sloped (>1:6) Ground With Stakes	2,171.14	
32 92 23 00-0044	MSF	>4,000 To 8,000 SF, Kentucky Blue Grass Sod, Installed On Sloped (>1:6) Ground With Stakes	1,786.69	
32 92 23 00-0045	MSF	>8,000 SF, Kentucky Blue Grass Sod, Installed On Sloped (>1:6) Ground With Stakes	1,539.92	

32 93 Plants *(32 90)*

32 93 13 Ground Covers *(32 93)*

Note: Materials only. See CSI section 32 93 83 00-0057 for installation and planting of ground cover.

32 93 13 00-0001 Ornamental Grasses *(32 93 13)*

32 93 13 00-0002	EA	1 Gallon, Cortaderia selloana - Pampas Grass	36.60	
32 93 13 00-0003	EA	2 Gallon, Cortaderia selloana - Pampas Grass	67.65	
32 93 13 00-0004	EA	3 Gallon, Cortaderia selloana - Pampas Grass	122.95	
32 93 13 00-0005	EA	5 Gallon, Cortaderia selloana - Pampas Grass	223.77	
32 93 13 00-0006	EA	1 Gallon, Distichlis spicata - Saltgrass	11.86	
32 93 13 00-0007	EA	5 Gallon, Distichlis spicata - Saltgrass	31.02	
32 93 13 00-0008	EA	1 Quart, Imperata cylindrica - Japanese Blood Grass	28.01	
32 93 13 00-0009	EA	1 Gallon, Imperata cylindrica - Japanese Blood Grass	37.25	
32 93 13 00-0010	EA	2 Gallon, Imperata cylindrica - Japanese Blood Grass	39.87	
32 93 13 00-0011	EA	1 Quart, Koeleria glauca - Blue Hair Grass	27.94	
32 93 13 00-0012	EA	1 Gallon, Koeleria glauca - Blue Hair Grass	37.25	
32 93 13 00-0013	EA	3 Gallon, Koeleria glauca - Blue Hair Grass	90.12	
32 93 13 00-0014	EA	1 Gallon, Miscanthus sinensis 'Gracillimus' - Maiden Grass	35.36	
32 93 13 00-0015	EA	3 Gallon, Miscanthus sinensis 'Gracillimus' - Maiden Grass	45.83	
32 93 13 00-0016	EA	5 Gallon, Miscanthus sinensis 'Gracillimus' - Maiden Grass	87.62	
32 93 13 00-0017	EA	1 Gallon, Miscanthus sinensis 'Zebrinus' - Zebra Grass	32.82	
32 93 13 00-0018	EA	3 Gallon, Miscanthus sinensis 'Zebrinus' - Zebra Grass	51.60	
32 93 13 00-0019	EA	5 Gallon, Miscanthus sinensis 'Zebrinus' - Zebra Grass	88.31	
32 93 13 00-0020	EA	1 Gallon, Monathochloe littoralis - Shore Grass	14.83	
32 93 13 00-0021	EA	1 Quart, Pennisetum setaceum - Fountain Grass	30.55	
32 93 13 00-0022	EA	1 Gallon, Pennisetum setaceum - Fountain Grass	31.59	
32 93 13 00-0023	EA	3 Gallon, Pennisetum setaceum - Fountain Grass	69.69	
32 93 13 00-0024	EA	1 Gallon, Saccharum ravennae - Ravenna Grass	96.74	
32 93 13 00-0025	EA	3 Gallon, Saccharum ravennae - Ravenna Grass	108.67	
32 93 13 00-0026	EA	7 Gallon, Saccharum ravennae - Ravenna Grass	179.28	
32 93 13 00-0027	EA	1 Gallon, Spartina pectinata - Variegated Cord Grass	52.53	
32 93 13 00-0028	EA	2 Gallon, Spartina pectinata - Variegated Cord Grass	78.62	
32 93 13 00-0029	EA	1 Quart, Stipa gigantea - Giant Feather Grass	40.10	
32 93 13 00-0030	EA	1 Gallon, Stipa gigantea - Giant Feather Grass	55.87	
32 93 13 00-0031	EA	1 Gallon, Triglochin maritima - Arrow Grass	8.90	

32 93 13 00-0032 Ground Covers *(32 93 13)*

32 93 13 00-0033	EA	1 Gallon Agave Attenuata - Century Plant	13.05	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 13 00-0034	EA	5 Gallon Agave Attenuata - Century Plant	35.17	
32 93 13 00-0035	EA	15 Gallon Agave Attenuata - Century Plant	116.30	
32 93 13 00-0036	EA	1 Gallon Ceanothus 'Carmel Creeper' - Wild Lilac	11.13	
32 93 13 00-0037	EA	5 Gallon Ceanothus 'Carmel Creeper' - Wild Lilac	30.98	
32 93 13 00-0038	EA	1 Gallon Ceanothus 'Yankee Point' - Wild Lilac	11.13	
32 93 13 00-0039	EA	5 Gallon Ceanothus 'Yankee Point' - Wild Lilac	28.94	
32 93 13 00-0040	EA	1 Gallon Dietes Vegata - Fortnight Lily	9.76	
32 93 13 00-0041	EA	5 Gallon Dietes Vegata - Fortnight Lily	24.05	
32 93 13 00-0042	EA	1 Gallon Juncus Patens ' Elk Blue' - California Gray Rush	18.13	
32 93 13 00-0043	EA	5 Gallon Juncus Patens ' Elk Blue' - California Gray Rush	47.63	
32 93 13 00-0044	EA	4" Pot Miscanthus 'Morning Light' - NCN	13.59	
32 93 13 00-0045	EA	20 Count Flat Miscanthus 'Morning Light' - NCN	200.52	
32 93 13 00-0046	EA	1 Gallon Nassella Tenuissima - Mexican Feather Grass	18.13	
32 93 13 00-0047	EA	1 Gallon Trachelospermum Jasminoides - Star Jasmine	9.86	
32 93 13 00-0048	EA	5 Gallon Trachelospermum Jasminoides - Star Jasmine	24.70	
32 93 13 00-0049	EA	1 Gallon Westringia Fruticosa - Coast Rosemary	9.76	
32 93 13 00-0050	EA	5 Gallon Westringia Fruticosa - Coast Rosemary	24.05	
32 93 13 00-0051	EA	15 Gallon Westringia Fruticosa - Coast Rosemary	98.71	
32 93 13 00-0052	EA	1 Quart Carex 'Bowles Golden' - Variegated Japanese Sedge	46.99	
32 93 13 00-0053	EA	1 Gallon Carex 'Bowles Golden' - Variegated Japanese Sedge	61.18	
32 93 13 00-0054	EA	2 Gallon Juniperus horizontalis 'Plumosa Compacta' - Andorra Creeping Juniper	77.44	
32 93 13 00-0055	EA	1 Quart Waldsteinia ternata - Barren Strawberry	13.30	
32 93 13 00-0056	EA	1 Gallon Waldsteinia ternata - Barren Strawberry	31.92	
32 93 13 00-0057	EA	1 Gallon Cotoneaster dammeri - Bearberry Cotoneaster	43.44	
32 93 13 00-0058	EA	2 Gallon Cotoneaster dammeri - Bearberry Cotoneaster	82.45	
32 93 13 00-0059	EA	5 Gallon Cotoneaster dammeri - Bearberry Cotoneaster	145.41	
32 93 13 00-0060	EA	1 Gallon Liriope muscari 'Big Blue' - Big Blue Liriope	14.88	
32 93 13 00-0061	EA	1 Gallon Distictis buccinatoria - Blood Red Trumpet Vine	27.49	
32 93 13 00-0062	EA	5 Gallon Distictis buccinatoria - Blood Red Trumpet Vine	96.64	
32 93 13 00-0063	EA	1 Gallon Juniperus horizontalis "Wiltoni' - Blue Rug Juniper	36.08	
32 93 13 00-0064	EA	4" Pot Parthenocissus tricuspidata - Boston Ivy	17.73	
32 93 13 00-0065	EA	1 Gallon Parthenocissus tricuspidata - Boston Ivy	40.43	
32 93 13 00-0066	EA	5 Gallon Parthenocissus tricuspidata - Boston Ivy	110.65	
32 93 13 00-0067	EA	3 Gallon Bougainvillea spectabilis - Bougainvillea	46.50	
32 93 13 00-0068	EA	1 Quart Iberis sempervirens - Candytuft	13.30	
32 93 13 00-0069	EA	1 Gallon Iberis sempervirens - Candytuft	31.92	
32 93 13 00-0070	EA	1 Gallon Gelsemium sempervirens - Carolina Jessamine	38.30	
32 93 13 00-0071	EA	5 Gallon Gelsemium sempervirens - Carolina Jessamine	138.31	
32 93 13 00-0072	EA	3" Pot Ajuga reptans - Carpet Bugle	7.98	
32 93 13 00-0073	EA	1 Quart Ajuga reptans - Carpet Bugle	13.30	
32 93 13 00-0074	EA	1 Gallon Ajuga reptans - Carpet Bugle	31.92	
32 93 13 00-0075	EA	24 Plant Flat Ajuga reptans - Carpet Bugle	137.42	
32 93 13 00-0076	EA	1 Gallon Macfadyena unguis-cati - Cat Claw Vine	31.92	
32 93 13 00-0077	EA	5 Gallon Macfadyena unguis-cati - Cat Claw Vine	138.31	
32 93 13 00-0078	EA	1 Gallon Wisteria sinensis - Chinese Wisteria Vine	41.67	
32 93 13 00-0079	EA	3 Gallon Wisteria sinensis - Chinese Wisteria Vine	92.21	
32 93 13 00-0080	EA	5 Gallon Wisteria sinensis - Chinese Wisteria Vine	138.31	
32 93 13 00-0081	EA	1 Gallon Ranunculaceae - Clematis Varieties	45.81	
32 93 13 00-0082	EA	2 Gallon Ranunculaceae - Clematis Varieties	84.73	
32 93 13 00-0083	EA	1 Gallon Hydrangea petiolaris - Climbing Hydrangea	57.63	
32 93 13 00-0084	EA	2 Gallon Hydrangea petiolaris - Climbing Hydrangea	108.17	
32 93 13 00-0085	EA	5 Gallon Hydrangea petiolaris - Climbing Hydrangea	177.32	
32 93 13 00-0086	EA	4" Pot Lantana camera - Common Lantana	7.98	
32 93 13 00-0087	EA	1 Gallon Lantana camera - Common Lantana	23.05	
32 93 13 00-0088	EA	1 Gallon Gardenia jasminoides 'Radicans' - Creeping Gardenia	27.49	
32 93 13 00-0089	EA	5 Gallon Gardenia jasminoides 'Radicans' - Creeping Gardenia	90.43	
32 93 13 00-0090	EA	2 Quart Lysimachia nummularia - Creeping Jenny	13.30	
32 93 13 00-0091	EA	1 Gallon Lysimachia nummularia - Creeping Jenny	25.71	
32 93 13 00-0092	EA	2 Quart Liriope spicata - Creeping Lilytuft	23.05	
32 93 13 00-0093	EA	1 Gallon Liriope spicata - Creeping Lilytuft	41.67	
32 93 13 00-0094	EA	5 Gallon Liriope spicata - Creeping Lilytuft	87.78	
32 93 13 00-0095	EA	Bare Root Liriope spicata - Creeping Liriope	5.81	
32 93 13 00-0096	EA	3" Pot Rosmarinus officinalis 'Prostratus' - Creeping Rosemary	7.98	
32 93 13 00-0097	EA	1 Gallon Rosmarinus officinalis 'Prostratus' - Creeping Rosemary	31.92	
32 93 13 00-0098	EA	2-1/4" Pot Securigera varia - Crown Vetch	5.32	
32 93 13 00-0099	EA	50 Plant Flat Securigera varia - Crown Vetch	179.98	
32 93 13 00-0100	EA	1 Quart Senecio cineraria - Dusty Miller	13.30	
32 93 13 00-0101	EA	1 Gallon Senecio cineraria - Dusty Miller	31.92	
32 93 13 00-0102	EA	2 Gallon Aristolochia macrophylla - Dutchman's Pipe	110.83	
32 93 13 00-0103	EA	5 Gallon Aristolochia macrophylla - Dutchman's Pipe	203.03	
32 93 13 00-0104	EA	1 Gallon Ilex cornuta - Dwarf Holly	24.08	
32 93 13 00-0105	EA	3 Gallon Ilex cornuta - Dwarf Holly	51.60	
32 93 13 00-0106	EA	3 Gallon Rhaphiolepis umbellata 'Minor' - Dwarf Indian Hawthorn	51.60	
32 93 13 00-0107	EA	1 Gallon Tradescantia spathacea - Dwarf Oyster Plant	17.20	
32 93 13 00-0108	EA	2" To 3" Pot Hedera helix - English Ivy	7.98	
32 93 13 00-0109	EA	12" To 15" Runners Hedera helix - English Ivy	13.30	
32 93 13 00-0110	EA	1 Gallon Hedera helix - English Ivy	31.92	
32 93 13 00-0111	EA	50 Plant Flat Hedera helix - English Ivy	184.42	
32 93 13 00-0112	EA	4" Pot Lavandula angustifolia - English Lavender	11.53	
32 93 13 00-0113	EA	1 Quart Lavandula angustifolia - English Lavender	22.17	
32 93 13 00-0114	EA	1 Gallon Lavandula angustifolia - English Lavender	36.35	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 13 00-0115	EA	1 Gallon Euonymus fortunei 'Kewensis' - Wintercreeper	34.58	
32 93 13 00-0116	EA	2 Gallon Euonymus fortunei 'Kewensis' - Wintercreeper	69.16	
32 93 13 00-0117	EA	1 Quart Arundo donax - Giant Reed	42.56	
32 93 13 00-0118	EA	1 Gallon Arundo donax - Giant Reed	61.18	
32 93 13 00-0119	EA	1 Gallon Lonicera x heckrottii - Gold Flame Honeysuckle	36.35	
32 93 13 00-0120	EA	2 Gallon Lonicera x heckrottii - Gold Flame Honeysuckle	69.16	
32 93 13 00-0121	EA	1 Quart Hakonechloa macra 'Aureola' - Golden Variegated Hakone Grass	46.99	
32 93 13 00-0122	EA	1 Gallon Hakonechloa macra 'Aureola' - Golden Variegated Hakone Grass	70.93	
32 93 13 00-0123	EA	3" Pot Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle	7.98	
32 93 13 00-0124	EA	1 Gallon Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle	36.35	
32 93 13 00-0125	EA	2 Gallon Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle	69.16	
32 93 13 00-0126	EA	1 Gallon Hardenbergia violacea - Happy Wanderer	31.92	
32 93 13 00-0127	EA	5 Gallon Hardenbergia violacea - Happy Wanderer	106.39	
32 93 13 00-0128	EA	3 Gallon Hibiscus, Assorted Colors	41.57	
32 93 13 00-0129	EA	1 Gallon Acorus gramineus - Japanese Sweet Flag	33.25	
32 93 13 00-0130	EA	1 Gallon Jasminum volubile - Wax Jasmine	16.75	
32 93 13 00-0131	EA	1 Gallon Jasminum volubile - Wax Jasmine	41.57	
32 93 13 00-0132	EA	1 Gallon Juniperus davurica 'Parsonii' - Parson's Juniper	20.89	
32 93 13 00-0133	EA	3 Gallon Juniperus davurica 'Parsonii' - Parson's Juniper	46.50	
32 93 13 00-0134	EA	1 Gallon Cissus antarctica - Kangaroo Vine	25.71	
32 93 13 00-0135	EA	5 Gallon Cissus antarctica - Kangaroo Vine	80.68	
32 93 13 00-0136	EA	1 Quart Stachys byzantina - Lamb's Ear	13.30	
32 93 13 00-0137	EA	1 Quart Stachys byzantina - Lamb's Ear	31.92	
32 93 13 00-0138	EA	1 Gallon Lantana spp. Various Colors	18.82	
32 93 13 00-0139	EA	1 Gallon Lantana sellowiana - Trailing Lantana	12.38	
32 93 13 00-0140	EA	1 Gallon Cocculus laurifolius - Laurel-leaf Snailseed	25.71	
32 93 13 00-0141	EA	5 Gallon Cocculus laurifolius - Laurel-leaf Snailseed	92.21	
32 93 13 00-0142	EA	1 Gallon Liriope Evergreen Giant, 6 To 8 Bibs Minimum	18.82	
32 93 13 00-0143	EA	1 Gallon Variegated Liriope Evergreen Giant, 6 To 8 Bibs Minimum	23.74	
32 93 13 00-0144	EA	3 Gallon Variegated Liriope Evergreen Giant, 6 To 8 Bibs Minimum	37.96	
32 93 13 00-0145	EA	1 Quart Moss Phlox, Creeping Phlox	13.30	
32 93 13 00-0146	EA	1 Gallon Moss Phlox, Creeping Phlox	31.92	
32 93 13 00-0147	EA	1 Gallon Nephrolepis exaltata - Common Boston Fern	16.75	
32 93 13 00-0148	EA	4" Pot Ophiopogon Japonicus - Mondo grass	7.98	
32 93 13 00-0149	EA	1 Gallon Ophiopogon Japonicus - Mondo grass	31.92	
32 93 13 00-0150	EA	5 Gallon Ophiopogon Japonicus - Mondo grass	73.59	
32 93 13 00-0151	EA	2' To 3' High Oregon Holly-Grape	36.85	
32 93 13 00-0152	EA	1 Gallon Pachysandra terminalis - Pachysandra	48.00	
32 93 13 00-0153	EA	2-1/4" Pot Vinca minor - Periwinkle	4.43	
32 93 13 00-0154	EA	4" Pot Vinca minor - Periwinkle	13.30	
32 93 13 00-0155	EA	Bare Root Vinca minor - Periwinkle	4.43	
32 93 13 00-0156	EA	1 Quart Nepeta mussinii - Persian Catmint	13.30	
32 93 13 00-0157	EA	1 Gallon Nepeta mussinii - Persian Catmint	27.49	
32 93 13 00-0158	EA	1 Gallon Coprosma kirkii - Prostrate Coprosma	22.17	
32 93 13 00-0159	EA	5 Gallon Coprosma kirkii - Prostrate Coprosma	80.68	
32 93 13 00-0160	EA	1 Gallon Juniperus Horizontalis - Prostrate Juniper	36.35	
32 93 13 00-0161	EA	3 Gallon Juniperus Horizontalis - Prostrate Juniper	78.02	
32 93 13 00-0162	EA	5 Gallon Juniperus Horizontalis - Prostrate Juniper	115.26	
32 93 13 00-0163	EA	1 Quart Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper	31.66	
32 93 13 00-0164	EA	1 Gallon Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper	82.03	
32 93 13 00-0165	EA	24 Plant Flat Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper	137.43	
32 93 13 00-0166	EA	1 Gallon Tradescantia spathacea - Rhoeo Discolor "Dwarf"	16.75	
32 93 13 00-0167	EA	1 Quart Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue	18.62	
32 93 13 00-0168	EA	1 Gallon Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue	33.25	
32 93 13 00-0169	EA	2 Gallon Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue	51.87	
32 93 13 00-0170	EA	1 Gallon Hymenocallis latifolia - Spider Lily	20.64	
32 93 13 00-0171	EA	3 Gallon Hymenocallis latifolia - Spider Lily	55.04	
32 93 13 00-0172	EA	1 Quart Hypericum perforatum - St. John's Wort	13.30	
32 93 13 00-0173	EA	1 Gallon Hypericum perforatum - St. John's Wort	31.92	
32 93 13 00-0174	EA	5 Gallon Hypericum perforatum - St. John's Wort	82.45	
32 93 13 00-0175	EA	24" To 30" High Viburnum awabuki - Sweet Viburnum	112.21	
32 93 13 00-0176	EA	1 Gallon Campsis radicans - Trumpet Creeper	48.76	
32 93 13 00-0177	EA	2 Gallon Campsis radicans - Trumpet Creeper	73.59	
32 93 13 00-0178	EA	5 Gallon Campsis radicans - Trumpet Creeper	177.32	
32 93 13 00-0179	EA	2-1/4" Pot Vinca major - Variegated Greater Periwinkle	4.43	
32 93 13 00-0180	EA	4" Pot Vinca major - Variegated Greater Periwinkle	13.30	
32 93 13 00-0181	EA	Bare Root Vinca major - Variegated Greater Periwinkle	4.43	
32 93 13 00-0182	EA	1 Quart Carex hachijoensis - Variegated Japanese Sedge	23.94	
32 93 13 00-0183	EA	1 Gallon Carex hachijoensis - Variegated Japanese Sedge	33.25	
32 93 13 00-0184	EA	2 Gallon Carex hachijoensis - Variegated Japanese Sedge	51.87	
32 93 13 00-0185	EA	1 Gallon Liriope muscari 'Variegata' - Variegated Lilyturf	36.35	
32 93 13 00-0186	EA	2 Quart Verbena peruviana "St. Paul" - St. Paul Verbena	16.85	
32 93 13 00-0187	EA	1 Gallon Verbena peruviana "St. Paul" - St. Paul Verbena	25.71	
32 93 13 00-0188	EA	48 Plant Flat Vinca minor - Lesser Periwinkle	158.03	
32 93 13 00-0189	EA	3" Pot Parthenocissus quinquefolia - Virginia Creeper	7.98	
32 93 13 00-0190	EA	1 Gallon Parthenocissus quinquefolia - Virginia Creeper	41.67	
32 93 13 00-0191	EA	1 Gallon Jasminum polyanthum - Winter Jasmine	31.92	
32 93 13 00-0192	EA	2 Gallon Jasminum polyanthum - Winter Jasmine	63.84	
32 93 13 00-0193	EA	5 Gallon Jasminum polyanthum - Winter Jasmine	110.83	
32 93 13 00-0194	EA	1 Gallon Cistaceae - Wrinkleleaf Rock Rose	25.71	
32 93 13 00-0195	EA	5 Gallon Cistaceae - Wrinkleleaf Rock Rose	87.78	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 13 00-0196	EA	1 Gallon Acmispon galaber - Common Deerweed	18.92	
32 93 13 00-0197	EA	1 Gallon Acacia redolens - Bank Catclaw	7.84	
32 93 13 00-0198	EA	5 Gallon Acacia redolens - Bank Catclaw	24.32	
32 93 13 00-0199	EA	15 Gallon Acacia redolens - Bank Catclaw	94.58	
32 93 13 00-0200	EA	1 Gallon Achillea filipendulina - Fernleaf Yarrow	11.62	
32 93 13 00-0201	EA	1 Gallon Achillea millefolium - Common Yarrow	10.54	
32 93 13 00-0202	EA	5 Gallon Achillea millefolium - Common Yarrow	32.43	
32 93 13 00-0203	EA	1 Gallon Achillea millefolium 'Paprika' - Red Yarrow	11.62	
32 93 13 00-0204	EA	1 Gallon Achillea 'Moonshine' - Yellow yarrow	11.62	
32 93 13 00-0205	EA	1 Gallon Agave americana - Century Plant	15.94	
32 93 13 00-0206	EA	5 Gallon Agave americana - Century Plant	43.24	
32 93 13 00-0207	EA	15 Gallon Agave americana - Century Plant	132.42	
32 93 13 00-0208	EA	24" Box Agave americana - Century Plant	472.92	
32 93 13 00-0209	EA	1 Gallon Agave vilmoriniana - Octopus Agave	15.94	
32 93 13 00-0210	EA	5 Gallon Agave vilmoriniana - Octopus Agave	43.24	
32 93 13 00-0211	EA	15 Gallon Agave vilmoriniana - Octopus Agave	132.42	
32 93 13 00-0212	EA	24" Box Agave vilmoriniana - Octopus Agave	472.92	
32 93 13 00-0213	EA	5 Gallon Nolina parryi - Giant Nolina	43.24	

32 93 23 Plants and Bulbs *(32 93)*

Note: Materials only. See CSI section 32 93 83 00-0057 for installation and planting of bulbs and annuals.

32 93 23 00-0001 Perennials *(32 93 23)*

32 93 23 00-0002	EA	2 Quart Assorted Daylilies	25.71	
32 93 23 00-0003	EA	1 Gallon Assorted Daylilies	36.35	
32 93 23 00-0004	EA	2 Gallon Assorted Daylilies	60.29	
32 93 23 00-0005	EA	1 Quart Azure Penstemon	13.30	
32 93 23 00-0006	EA	1 Gallon Azure Penstemon	33.25	
32 93 23 00-0007	EA	1 Quart Balloon Flower	13.30	
32 93 23 00-0008	EA	1 Gallon Balloon Flower	33.25	
32 93 23 00-0009	EA	1 Quart Black-eyed Susan	13.30	
32 93 23 00-0010	EA	1 Gallon Black-eyed Susan	33.25	
32 93 23 00-0011	EA	2 Gallon Black-eyed Susan	43.00	
32 93 23 00-0012	EA	1 Quart Blackberry Lily	13.30	
32 93 23 00-0013	EA	1 Gallon Blackberry Lily	33.25	
32 93 23 00-0014	EA	1 Quart Blank Flower	13.30	
32 93 23 00-0015	EA	1 Gallon Blank Flower	30.59	
32 93 23 00-0016	EA	2 Gallon Blank Flower	43.00	
32 93 23 00-0017	EA	1 Quart Blazing Star, Gayfeather	13.30	
32 93 23 00-0018	EA	1 Gallon Blazing Star, Gayfeather	33.25	
32 93 23 00-0019	EA	1 Quart Bloodred Geranium	22.61	
32 93 23 00-0020	EA	1 Gallon Bloodred Geranium	38.13	
32 93 23 00-0021	EA	1 Quart Blue Plumbago	13.30	
32 93 23 00-0022	EA	1 Gallon Blue Plumbago	33.25	
32 93 23 00-0023	EA	1 Quart Blue Star	23.94	
32 93 23 00-0024	EA	1 Gallon Blue Star	38.13	
32 93 23 00-0025	EA	1 Quart Cardinal Flower	13.30	
32 93 23 00-0026	EA	1 Gallon Cardinal Flower	33.25	
32 93 23 00-0027	EA	4" Pot Columbine	7.98	
32 93 23 00-0028	EA	1 Quart Columbine	13.30	
32 93 23 00-0029	EA	1 Gallon Columbine	33.25	
32 93 23 00-0030	EA	1 Quart Common Globeflower	13.30	
32 93 23 00-0031	EA	1 Gallon Common Globeflower	33.25	
32 93 23 00-0032	EA	1 Quart Cottage Pink, Scotch Pink	13.30	
32 93 23 00-0033	EA	1 Quart Cottage Pink, Scotch Pink	33.25	
32 93 23 00-0034	EA	1 Gallon Astilbe 'Deutschland'	47.88	
32 93 23 00-0035	EA	1 Quart Diploid	16.85	
32 93 23 00-0036	EA	1 Gallon Diploid	38.13	
32 93 23 00-0037	EA	3 Gallon Diploid	65.61	
32 93 23 00-0038	EA	4" Pot Dune Sunflower	18.98	
32 93 23 00-0039	EA	1 Quart Evans Begonia	23.94	
32 93 23 00-0040	EA	1 Gallon Evans Begonia	43.00	
32 93 23 00-0041	EA	1 Quart False Dragonhead	13.30	
32 93 23 00-0042	EA	1 Gallon False Dragonhead	33.25	
32 93 23 00-0043	EA	1 Quart False Spirea	13.30	
32 93 23 00-0044	EA	1 Gallon False Spirea	43.00	
32 93 23 00-0045	EA	3 Gallon False Spirea	59.40	
32 93 23 00-0046	EA	2 Quart False Sunflower	21.28	
32 93 23 00-0047	EA	1 Gallon False Sunflower	33.25	
32 93 23 00-0048	EA	2 Gallon False Sunflower	43.00	
32 93 23 00-0049	EA	1 Gallon Foxglove	30.59	
32 93 23 00-0050	EA	2 Gallon Foxglove	43.00	
32 93 23 00-0051	EA	3 Gallon Foxglove	62.06	
32 93 23 00-0052	EA	1 Gallon Francee Hostas	53.84	
32 93 23 00-0053	EA	1 Quart Garden Phlox	13.30	
32 93 23 00-0054	EA	1 Gallon Garden Phlox	33.25	
32 93 23 00-0055	EA	2 Quart Golden Groundsel	28.37	
32 93 23 00-0056	EA	2 Gallon Golden Groundsel	57.19	
32 93 23 00-0057	EA	1 Quart Golden Star	13.30	
32 93 23 00-0058	EA	1 Gallon Golden Star	33.25	
32 93 23 00-0059	EA	1 Quart Goldenrod	13.30	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 23 00-0060	EA	1 Gallon Goldenrod	33.25	
32 93 23 00-0061	EA	1 Gallon Happy Returns Daylillies	61.92	
32 93 23 00-0062	EA	4" Pot Hardy Aster, Michaelmas Daisy	7.98	
32 93 23 00-0063	EA	1 Quart Hardy Aster, Michaelmas Daisy	13.30	
32 93 23 00-0064	EA	1 Gallon Hardy Aster, Michaelmas Daisy	33.25	
32 93 23 00-0065	EA	1 Quart Hardy Chrysanthemum	11.53	
32 93 23 00-0066	EA	6" To 8" Pot Hardy Chrysanthemum	19.07	
32 93 23 00-0067	EA	1 Gallon Hardy Chrysanthemum	30.59	
32 93 23 00-0068	EA	1 Gallon Herbaceous Peony	47.44	
32 93 23 00-0069	EA	2 Gallon Herbaceous Peony	75.81	
32 93 23 00-0070	EA	3 Gallon Herbaceous Peony	99.75	
32 93 23 00-0071	EA	4" Pot Japanese Anemone	7.98	
32 93 23 00-0072	EA	1 Quart Japanese Anemone	23.94	
32 93 23 00-0073	EA	2 Gallon Japanese Anemone	43.00	
32 93 23 00-0074	EA	2" Pot Japanese Spurge	4.73	
32 93 23 00-0075	EA	6" Pot Japanese Spurge	7.09	
32 93 23 00-0076	EA	1 Gallon Japanese Spurge	30.54	
32 93 23 00-0077	EA	1 Quart Oriental Poppy	19.07	
32 93 23 00-0078	EA	1 Gallon Oriental Poppy	38.13	
32 93 23 00-0079	EA	48 Plant Flat Pachysandra terminalis	158.03	
32 93 23 00-0080	EA	1 Gallon Pacific Coast Iris	26.16	
32 93 23 00-0081	EA	3 Gallon Pacific Coast Iris	49.66	
32 93 23 00-0082	EA	1 Gallon Palace Purple Coral Bells	50.34	
32 93 23 00-0083	EA	4" Pot Perennial Salvia	7.98	
32 93 23 00-0084	EA	1 Quart Perennial Salvia	13.30	
32 93 23 00-0085	EA	1 Gallon Perennial Salvia	33.25	
32 93 23 00-0086	EA	1 Quart Pincushion Flower	13.30	
32 93 23 00-0087	EA	1 Gallon Pincushion Flower	33.25	
32 93 23 00-0088	EA	2 Quart Plantain Lily	25.71	
32 93 23 00-0089	EA	1 Gallon Plantain Lily	36.35	
32 93 23 00-0090	EA	2 Gallon Plantain Lily	60.29	
32 93 23 00-0091	EA	3 Gallon Plantain Lily	113.94	
32 93 23 00-0092	EA	2 Quart Purple Coneflower	23.94	
32 93 23 00-0093	EA	1 Gallon Purple Coneflower	33.25	
32 93 23 00-0094	EA	2 Gallon Purple Coneflower	43.00	
32 93 23 00-0095	EA	1 Quart Purple Loosestrife	13.30	
32 93 23 00-0096	EA	1 Gallon Purple Loosestrife	33.25	
32 93 23 00-0097	EA	1 Quart Rose Mallow	26.16	
32 93 23 00-0098	EA	2 Gallon Rose Mallow	47.44	
32 93 23 00-0099	EA	3 Gallon Rose Mallow	81.13	
32 93 23 00-0100	EA	1 Gallon Autumn Joy Sedum	50.69	
32 93 23 00-0101	EA	1 Quart Siberian Iris	22.61	
32 93 23 00-0102	EA	2 Gallon Siberian Iris	43.00	
32 93 23 00-0103	EA	3 Gallon Siberian Iris	59.40	
32 93 23 00-0104	EA	1 Quart Speedwell	13.30	
32 93 23 00-0105	EA	1 Gallon Speedwell	33.25	
32 93 23 00-0106	EA	1 Quart Tetraploid	33.25	
32 93 23 00-0107	EA	1 Gallon Tetraploid	62.06	
32 93 23 00-0108	EA	3 Gallon Tetraploid	84.68	
32 93 23 00-0109	EA	1 Quart Threadleaf Coreopsis	13.30	
32 93 23 00-0110	EA	1 Gallon Threadleaf Coreopsis	33.25	
32 93 23 00-0111	EA	1 Quart Torch Lily	13.30	
32 93 23 00-0112	EA	1 Quart Bluebeard	23.94	
32 93 23 00-0113	EA	1 Gallon Bluebeard	35.47	
32 93 23 00-0114	EA	2 Gallon Bluebeard	51.87	
32 93 23 00-0115	EA	1 Gallon Anemopsis californica - Yerba Mansa	13.34	
32 93 23 00-0116	EA	1 Gallon Artemisia palmeri - San Diego Sagewort	11.86	
32 93 23 00-0117	EA	1 Gallon Arthrocnemum subterminale - Parish's Pickleweed	14.83	
32 93 23 00-0118	EA	1 Gallon Cressa truxillensis - Alkali Weed	14.83	
32 93 23 00-0119	EA	1 Gallon Frankenia salina - Alkali Heath	11.86	
32 93 23 00-0120	EA	4" Pot Jaumea carnosa - Salt Marsh Daisy	5.94	
32 93 23 00-0121	EA	1 Gallon Jaumea carnosa - Salt Marsh Daisy	11.87	
32 93 23 00-0122	EA	1 Gallon Juncus acutus - Spiny Rush	11.86	
32 93 23 00-0123	EA	5 Gallon Juncus acutus - Spiny Rush	31.02	
32 93 23 00-0124	EA	1 Gallon Limonium californicum - Sea Lavender	11.86	
32 93 23 00-0125	EA	1 Gallon Salicornia virginica - Deer Weed	11.86	
32 93 23 00-0126	EA	1 Gallon Suaeda esteroa - Sea Blite	14.83	
32 93 23 00-0127	EA	1 Gallon Suaeda taxifolia - Wooly Sea Blite	11.86	
32 93 23 00-0128		**Annuals** *(32 93 23)*		
32 93 23 00-0129	EA	2-1/2" Pot Annual Flowers	6.17	
32 93 23 00-0130	EA	3" Pot Annual Flowers	8.35	
32 93 23 00-0131	EA	4" Pot Annual Flowers	17.84	
32 93 23 00-0132	EA	5-1/2" Pot Annual Flowers	23.73	
32 93 23 00-0133	EA	6" Pot Annual Flowers	46.98	
32 93 23 00-0134	EA	8" Pot Annual Flowers	78.30	
32 93 23 00-0135	EA	36 Plant Flat Annual Flowers	102.50	
32 93 23 00-0136	EA	48 Plant Flat Annual Flowers	116.27	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 23 00-0137		**Bulbs** *(32 93 23)*		
32 93 23 00-0138	EA	Top Size Allium giganteum - Giant Ornamental Onion	21.46	
32 93 23 00-0139	EA	Top Size Allium sphaerocephalum - Drumstick Ornamental Onion	1.24	
32 93 23 00-0140	EA	Top Size Crocus Hybrid	1.40	
32 93 23 00-0141	EA	Top Size Eranthis hyemalis - Winter Aconite	1.82	
32 93 23 00-0142	EA	Top Size Galanthus nivalis - Snowdrops	2.31	
32 93 23 00-0143	EA	Top Size Iris reticulata cvs - Dutch Iris	0.91	
32 93 23 00-0144	EA	Top Size Muscari armeniacum - Grape Hyacinth	1.07	
32 93 23 00-0145	EA	Top Size Muscari latifolium - Grape Hyacinth	1.24	
32 93 23 00-0146	EA	Narcissus 'Carlton' - Carlton Daffodil DNI	7.43	
32 93 23 00-0147	EA	Narcissus 'Dutch Master' - Dutch Master Daffodil DNI	3.55	
32 93 23 00-0148	EA	Narcissus 'February Gold' - February Gold Daffodil DNI	3.71	
32 93 23 00-0149	EA	Narcissus 'Ice Follies' - Ice Follies Daffodil DNI	3.71	
32 93 23 00-0150	EA	Narcissus 'Mount Hood' - Mount Hood Daffodil DNI	3.88	
32 93 23 00-0151	EA	Narcissus 'Papillon Blanc' - Papillon Blanc Daffodil DNI	4.13	
32 93 23 00-0152	EA	Narcissus 'Pipit' - Pipit Daffodil DNI	3.88	
32 93 23 00-0153	EA	Narcissus 'Salome' - Salome Daffodil DNI	3.63	
32 93 23 00-0154	EA	Narcissus 'Tete A Tete' - Tete A Tete Daffodil DNI	3.88	
32 93 23 00-0155	EA	Narcissus 'Thalia' - Thalia Daffodil DNI	3.88	
32 93 23 00-0156	EA	Top Size Scilla siberica - Siberian Squill	1.16	
32 93 23 00-0157	EA	Top Size Tulip 'Angelique' - Angelique Tulip	3.30	
32 93 23 00-0158	EA	Top Size Tulip 'Apeldoorn' - Apeldoorn Tulip	2.48	
32 93 23 00-0159	EA	Top Size Tulip 'Apricot Beauty' - Apricot Beauty Tulip	3.30	
32 93 23 00-0160	EA	Top Size Tulip 'Big Smile' - Big Smile Tulip	2.89	
32 93 23 00-0161	EA	Top Size Tulip 'Black Parrot' - Black Parrot Tulip	4.13	
32 93 23 00-0162	EA	Top Size Tulip 'Blue Heron' - Blue Heron Tulip	3.14	
32 93 23 00-0163	EA	Top Size Tulip 'Cardinal' - Cardinal Tulip	2.72	
32 93 23 00-0164	EA	Top Size Tulip 'Christmas Marvel' - Christmas Marvel Tulip	3.05	
32 93 23 00-0165	EA	Top Size Tulip clusiana - Species Tulip	3.05	
32 93 23 00-0166	EA	Top Size Tulip 'Elizabeth Arden' - Elizabeth Arden Tulip	3.05	
32 93 23 00-0167	EA	Top Size Tulip 'Golden Apledoorn' - Golden Apledoorn Tulip	2.48	
32 93 23 00-0168	EA	Top Size Tulip 'Golden Emperor' - Golden Emperor Tulip	2.39	
32 93 23 00-0169	EA	Top Size Tulip 'Halcro' - Halcro Tulip	2.48	
32 93 23 00-0170	EA	Top Size Tulip 'Ivory Floridale' - Ivory FloradaleTulip	4.13	
32 93 23 00-0171	EA	Top Size Tulip 'Orange Emperor' - Orange Emperor Tulip	2.48	
32 93 23 00-0172	EA	Top Size Tulip 'Passionale' - Passionale Tulip	3.30	
32 93 23 00-0173	EA	Top Size Tulip 'Peach Blossom' - Peach Blossom Tulip	3.55	
32 93 23 00-0174	EA	Top Size Tulip 'Peer Gynt' - Peer Gynt Tulip	3.71	
32 93 23 00-0175	EA	Top Size Tulip 'Pink Diamond' - Pink Diamond Tulip	2.97	
32 93 23 00-0176	EA	Top Size Tulip 'Pink Emperor' - Pink Emperor Tulip	2.81	
32 93 23 00-0177	EA	Top Size Tulip praetens 'Fusilier' - Praetens Fusilier Tulip	3.05	
32 93 23 00-0178	EA	Top Size Tulip 'Princeps' - Princeps Tulip	3.05	
32 93 23 00-0179	EA	Top Size Tulip 'Red Riding Hood' - Red Riding Hood Tulip	2.39	
32 93 23 00-0180	EA	Top Size Tulip saxatilis - Species Tulip	1.65	
32 93 23 00-0181	EA	Top Size Tulip 'Shirley - Shirley Tulip	2.48	
32 93 23 00-0182	EA	Top Size Tulip 'Spring Green' - Spring Green Tulip	3.22	
32 93 23 00-0183	EA	Top Size Tulip 'White Emperor' - White Emperor Tulip	2.48	
32 93 23 00-0184		**Localized Landscaping** *(32 93 23)*		
32 93 23 00-0185	EA	Tipuana Tipu - Tipu Tree, 15 Gallon	407.33	
32 93 23 00-0186	EA	Tipuana Tipu - Tipu Tree, 24" Box	1,205.36	
32 93 23 00-0187	EA	Euryops Pectinatus - Euryops, 1 Gallon	22.62	
32 93 23 00-0188	EA	Euryops Pectinatus - Euryops, 5 Gallon	82.26	
32 93 23 00-0189	EA	Photinia X Fraseri - Photinia, 1 Gallon	39.08	
32 93 23 00-0190	EA	Photinia X Fraseri - Photinia, 5 Gallon	106.53	
32 93 23 00-0191	EA	Photinia X Fraseri - Photinia, 15 Gallon	394.87	
32 93 23 00-0192	EA	Rhapiolepis Indica 'Enchantress' - Indian Hawthorn, 1 Gallon	81.85	
32 93 23 00-0193	EA	Rhapiolepis Indica 'Enchantress' - Indian Hawthorn, 5 Gallon	328.64	
32 93 23 00-0194	EA	Sienna Artemisiodes - Feathery Cassia, 1 Gallon	34.96	
32 93 23 00-0195	EA	Vinca Major - Periwinkle, 1 Gallon	30.85	
32 93 23 00-0196	EA	Vinca Major - Periwinkle, 3 Gallon	61.70	
32 93 23 00-0197	EA	Agave Attienuata - Foxtail Agave, 1 Gallon	46.98	
32 93 23 00-0198	EA	Agave Attienuata - Foxtail Agave, 5 Gallon	237.28	
32 93 23 00-0199	EA	Artemesia 'Powis Castle' - Artemesia, 1 Gallon	79.73	
32 93 23 00-0200	EA	Dietes Bicolor - Fortnight Lilly, 4" Pot	9.49	
32 93 23 00-0201	EA	Dietes Bicolor - Fortnight Lilly, 1 Gallon	16.61	
32 93 23 00-0202	EA	Dietes Bicolor - Fortnight Lilly, 3 Gallon	52.20	
32 93 23 00-0203	EA	Helianthemum Nummularium - Sunrose, 1 Gallon	75.83	
32 93 23 00-0204	EA	1 Gallon Hesperaloe parvifolia - Red Yucca	56.00	
32 93 23 00-0205	EA	5 Gallon Hesperaloe parvifolia - Red Yucca	151.86	
32 93 23 00-0206	EA	Hypericun Calycium - Aaron's Beard, 4" Pot	9.49	
32 93 23 00-0207	EA	Hypericun Calycium - Aaron's Beard, 1 Gallon	33.22	
32 93 23 00-0208	EA	Lantana Montevidensis - Lantana Sellowiana, 1 Gallon	26.10	
32 93 23 00-0209	EA	Leucadendron Discolor ' Flame Tips' - Leucadendron, 1 Gallon	56.95	
32 93 23 00-0210	EA	Leucadendron Discolor ' Flame Tips' - Leucadendron, 5 Gallon	237.28	
32 93 23 00-0211	EA	Myoporum Pacificum - Myoporum, 1 Gallon	27.71	
32 93 23 00-0212	EA	Rosmarinus Offinalis - Trailing Rosemary, 1 Gallon	23.73	
32 93 23 00-0213	EA	Rosmarinus Offinalis - Trailing Rosemary, 5 Gallon	71.18	
32 93 23 00-0214	EA	Salvia Greggii - Autumn Sage, 1 Gallon	16.93	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 23 00-0215	EA	Salvia Greggii - Autumn Sage, 2 Gallon	71.18	
32 93 23 00-0216	EA	Salvia Greggii - Autumn Sage, 5 Gallon	128.13	
32 93 23 00-0217	EA	Senecio Mandraliscae - Senecio, 1 Gallon	39.77	
32 93 23 00-0218	EA	Senecio Mandraliscae - Senecio, 5 Gallon	151.86	
32 93 23 00-0219	EA	Trachelospermum Jasminoides - Star Jasmine, 1 Gallon	32.66	
32 93 23 00-0220	EA	Trachelospermum Jasminoides - Star Jasmine, 3 Gallon	69.51	
32 93 23 00-0221	EA	Trachelospermum Jasminoides - Star Jasmine, 5 Gallon	130.80	
32 93 23 00-0222	EA	Tradessantia Pallida 'Purpurea' - Purple Heart, 1 Gallon	35.59	
32 93 23 00-0223	EA	Verbena Tenuisecta - Moss Verbena, 1 Gallon	18.51	
32 93 23 00-0224	EA	Verbena Tenuisecta - Moss Verbena, 5 Gallon	66.44	
32 93 23 00-0225	EA	Westringia Fruticosa - Coast Rosemary, 1 Gallon	47.46	
32 93 23 00-0226	EA	Westringia Fruticosa - Coast Rosemary, 3 Gallon	90.17	
32 93 23 00-0227	EA	Westringia Fruticosa - Coast Rosemary, 5 Gallon	128.13	

32 93 33 Shrubs *(32 93)*

Note: (cvs = cultivar or cultivated varities) materials only. See CSI section 32 93 83 00-0033 for installation and planting of shurbs.

32 93 33 00-0001 Shrubs *(32 93 33)*

32 93 33 00-0002	EA	1 Gallon Abelia x grandiflora - Abelia	22.62	
32 93 33 00-0003	EA	3 Gallon Abelia x grandiflora - Abelia	46.07	
32 93 33 00-0004	EA	5 Gallon Abelia x grandiflora - Abelia	88.43	
32 93 33 00-0005	EA	3 Gallon Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	105.93	
32 93 33 00-0006	EA	18" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	154.82	
32 93 33 00-0007	EA	24" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	172.74	
32 93 33 00-0008	EA	30" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	218.37	
32 93 33 00-0009	EA	36" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	242.82	
32 93 33 00-0010	EA	18" Balled and Burlapped, Aesculus parviflora - Bottlebrush Buckeye	48.89	
32 93 33 00-0011	EA	24" Balled and Burlapped, Aesculus parviflora - Bottlebrush Buckeye	65.19	
32 93 33 00-0012	EA	30" Balled and Burlapped, Aesculus parviflora - Bottlebrush Buckeye	81.48	
32 93 33 00-0013	EA	36" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	44.47	
32 93 33 00-0014	EA	42" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	52.31	
32 93 33 00-0015	EA	48" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	62.78	
32 93 33 00-0016	EA	60" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	73.24	
32 93 33 00-0017	EA	72" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	88.93	
32 93 33 00-0018	EA	36" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry	43.16	
32 93 33 00-0019	EA	42" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry	45.77	
32 93 33 00-0020	EA	48" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry	48.39	
32 93 33 00-0021	EA	60" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry	54.93	
32 93 33 00-0022	EA	36" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry	43.81	
32 93 33 00-0023	EA	42" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry	46.43	
32 93 33 00-0024	EA	48" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry	49.04	
32 93 33 00-0025	EA	60" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry	51.66	
32 93 33 00-0026	EA	1 Gallon Aspidistra elatior - Cast Iron Plant	8.99	
32 93 33 00-0027	EA	2 Gallon Aspidistra elatior - Cast Iron Plant	20.79	
32 93 33 00-0028	EA	1 Gallon Baccharis pilularis 'Pigeon Point' - Dwarf Coyote Brush	9.86	
32 93 33 00-0029	EA	5 Gallon Baccharis pilularis 'Pigeon Point' - Dwarf Coyote Brush	24.38	
32 93 33 00-0030	EA	1 Gallon Baccharis pilularis 'Twin Peaks' - Dwarf Coyote Brush	9.86	
32 93 33 00-0031	EA	5 Gallon Baccharis pilularis 'Twin Peaks' - Dwarf Coyote Brush	24.38	
32 93 33 00-0032	EA	1 Gallon Aucuba japonica "Variegata" - Gold Dust Plant	10.54	
32 93 33 00-0033	EA	3 Gallon Aucuba japonica "Variegata" - Gold Dust Plant	23.18	
32 93 33 00-0034	EA	5 Gallon Aucuba japonica "Variegata" - Gold Dust Plant	31.33	
32 93 33 00-0035	EA	1 Gallon Bauhinia purpurea - Orange-eye Butterfly Bush	11.24	
32 93 33 00-0036	EA	2 Gallon Bauhinia purpurea - Orange-eye Butterfly Bush	16.44	
32 93 33 00-0037	EA	15" To 18" Berberis - Northern Bayberry	46.92	
32 93 33 00-0038	EA	2' To 2-1/2' Berberis - Northern Bayberry	59.57	
32 93 33 00-0039	EA	2-1/2' To 3' Berberis - Northern Bayberry	83.46	
32 93 33 00-0040	EA	1 Gallon Berberis Buxifolia 'Nana' - Barberry	11.13	
32 93 33 00-0041	EA	5 Gallon Berberis Buxifolia 'Nana' - Barberry	26.82	
32 93 33 00-0042	EA	18" To 24" Berberis julianae - Dwarf Wintergreen Barberry	50.16	
32 93 33 00-0043	EA	2' To 2-1/2' Berberis julianae - Dwarf Wintergreen Barberry	64.21	
32 93 33 00-0044	EA	2-1/2' To 3' Berberis julianae - Dwarf Wintergreen Barberry	82.05	
32 93 33 00-0045	EA	1 Gallon Berberis thunbergii - Crimson Pygmy Barberry	13.49	
32 93 33 00-0046	EA	2 Gallon Berberis thunbergii - Crimson Pygmy Barberry	26.55	
32 93 33 00-0047	EA	3 Gallon Berberis thunbergii - Crimson Pygmy Barberry	32.45	
32 93 33 00-0048	EA	1 Gallon Berberis x mentorensis - Mentor Barberry	12.79	
32 93 33 00-0049	EA	5 Gallon Berberis x mentorensis - Mentor Barberry	36.11	
32 93 33 00-0050	EA	2' To 3' Berberis x mentorensis - Mentor Barberry	50.16	
32 93 33 00-0051	EA	3' To 4' Berberis x mentorensis - Mentor Barberry	77.41	
32 93 33 00-0052	EA	1 Gallon Buxus microphylla japonica - Japanese Boxwood	14.61	
32 93 33 00-0053	EA	5 Gallon Buxus microphylla japonica - Japanese Boxwood	39.20	
32 93 33 00-0054	EA	12" To 15" Buxus microphylla japonica - Japanese Boxwood	41.73	
32 93 33 00-0055	EA	15" To 18" Buxus microphylla japonica - Japanese Boxwood	53.67	
32 93 33 00-0056	EA	18" To 24" Buxus microphylla japonica - Japanese Boxwood	71.51	
32 93 33 00-0057	EA	24" To 30" Buxus microphylla japonica - Japanese Boxwood	107.34	
32 93 33 00-0058	EA	30" To 36" Buxus microphylla japonica - Japanese Boxwood	149.07	
32 93 33 00-0059	EA	12" To 15" Buxus sempervirens - Common Boxwood	41.73	
32 93 33 00-0060	EA	15" To 18" Buxus sempervirens - Common Boxwood	53.67	
32 93 33 00-0061	EA	18" To 24" Buxus sempervirens - Common Boxwood	71.51	
32 93 33 00-0062	EA	24" To 30" Buxus sempervirens - Common Boxwood	107.34	
32 93 33 00-0063	EA	2 Gallon Buxus Hybrid - Boxwood Cultivars	27.46	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0064	EA	5 Gallon Buxus Hybrid - Boxwood Cultivars	45.77	
32 93 33 00-0065	EA	5 Gallon Buxus microphylla & cvs - Little leaf Boxwood	120.32	
32 93 33 00-0066	EA	18" Balled and Burlapped, Buxus microphylla & cvs - Little leaf Boxwood	65.39	
32 93 33 00-0067	EA	24" Balled and Burlapped, Buxus microphylla & cvs - Little leaf Boxwood	88.93	
32 93 33 00-0068	EA	30" Balled and Burlapped, Buxus microphylla & cvs - Little leaf Boxwood	120.32	
32 93 33 00-0069	EA	1 Gallon Callistemon citrinus ' Little John' - Dwarf Bottle Bush	10.54	
32 93 33 00-0070	EA	5 Gallon Callistemon citrinus ' Little John' - Dwarf Bottle Bush	32.43	
32 93 33 00-0071	EA	15 Gallon Callistemon citrinus ' Little John' - Dwarf Bottle Bush	105.39	
32 93 33 00-0072	EA	5 Gallon Calycanthus floridus - Common Sweetshrub	43.16	
32 93 33 00-0073	EA	30" Balled and Burlapped, Calycanthus floridus - Common Sweetshrub	39.23	
32 93 33 00-0074	EA	36" Balled and Burlapped, Calycanthus floridus - Common Sweetshrub	52.31	
32 93 33 00-0075	EA	1 Gallon Camellia "Sasanqua" - Camellia	16.76	
32 93 33 00-0076	EA	3 Gallon Camellia "Sasanqua" - Camellia	35.75	
32 93 33 00-0077	EA	5 Gallon Camellia "Sasanqua" - Camellia	59.43	
32 93 33 00-0078	EA	7 Gallon Camellia "Sasanqua" - Camellia	88.50	
32 93 33 00-0079	EA	15 Gallon Camellia "Sasanqua" - Camellia	229.62	
32 93 33 00-0080	EA	1 Gallon Camellia japonica - Camellia	16.76	
32 93 33 00-0081	EA	3 Gallon Camellia japonica - Camellia	35.75	
32 93 33 00-0082	EA	5 Gallon Camellia japonica - Camellia	59.43	
32 93 33 00-0083	EA	5 Gallon Ceanothus americanus - New Jersey Tea	43.16	
32 93 33 00-0084	EA	1 Gallon Ceanothus Griseus Horizontalis 'Yankee Point' - Yankee Point Ceanothus	11.13	
32 93 33 00-0085	EA	5 Gallon Ceanothus Griseus Horizontalis 'Yankee Point' - Yankee Point Ceanothus	28.94	
32 93 33 00-0086	EA	5 Gallon Celastrus scandens - Bittersweet	43.16	
32 93 33 00-0087	EA	36" Balled and Burlapped, Celastrus scandens - Bittersweet	36.62	
32 93 33 00-0088	EA	5 Gallon Cephalanthus occidentalis - Buttonbush	43.16	
32 93 33 00-0089	EA	24" Balled and Burlapped, Cephalanthus occidentalis - Buttonbush	32.70	
32 93 33 00-0090	EA	30" Balled and Burlapped, Cephalanthus occidentalis - Buttonbush	36.62	
32 93 33 00-0091	EA	36" Balled and Burlapped, Cephalanthus occidentalis - Buttonbush	39.23	
32 93 33 00-0092	EA	18" To 24" Chaenomeles speciosa - Flowering Quince	37.65	
32 93 33 00-0093	EA	2' To 3' Chaenomeles speciosa - Flowering Quince	50.16	
32 93 33 00-0094	EA	3' To 4' Chaenomeles speciosa - Flowering Quince	77.41	
32 93 33 00-0095	EA	3 Gallon Clethra alnifolia & cvs - Summersweet Clethra	41.85	
32 93 33 00-0096	EA	18" Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra	45.12	
32 93 33 00-0097	EA	24" Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra	50.35	
32 93 33 00-0098	EA	30" Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra	52.97	
32 93 33 00-0099	EA	36" Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra	62.12	
32 93 33 00-0100	EA	1 Gallon Cistus Hybridus - White Rockrose	9.86	
32 93 33 00-0101	EA	5 Gallon Cistus Hybridus - White Rockrose	24.38	
32 93 33 00-0102	EA	1 Gallon Coleonema Pulchellum - Confetti Bush	9.86	
32 93 33 00-0103	EA	5 Gallon Coleonema Pulchellum - Confetti Bush	24.38	
32 93 33 00-0104	EA	15 Gallon Coleonema Pulchellum - Confetti Bush	114.17	
32 93 33 00-0105	EA	2' To 3' Cornus mas - Cornelian Cherry	59.57	
32 93 33 00-0106	EA	3' To 4' Cornus mas - Cornelian Cherry	74.46	
32 93 33 00-0107	EA	4' To 5' Cornus mas - Cornelian Cherry	95.40	
32 93 33 00-0108	EA	5' To 6' Cornus mas - Cornelian Cherry	131.08	
32 93 33 00-0109	EA	5 Gallon Cornus alba & cvs - Tartarian Dogwood	39.23	
32 93 33 00-0110	EA	36" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood	27.46	
32 93 33 00-0111	EA	48" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood	31.39	
32 93 33 00-0112	EA	60" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood	39.23	
32 93 33 00-0113	EA	72" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood	47.08	
32 93 33 00-0114	EA	36" Balled and Burlapped, Cornus amomum - Silky Dogwood	39.23	
32 93 33 00-0115	EA	5 Gallon Cornus obliqua - Blue Fruited Dogwood	43.16	
32 93 33 00-0116	EA	5 Gallon Cornus racemosa - Gray Dogwood	43.16	
32 93 33 00-0117	EA	36" Balled and Burlapped, Cornus racemosa - Gray Dogwood	39.23	
32 93 33 00-0118	EA	48" Balled and Burlapped, Cornus racemosa - Gray Dogwood	45.77	
32 93 33 00-0119	EA	60" Balled and Burlapped, Cornus racemosa - Gray Dogwood	49.70	
32 93 33 00-0120	EA	72" Balled and Burlapped, Cornus racemosa - Gray Dogwood	60.16	
32 93 33 00-0121	EA	36" Balled and Burlapped, Cornus sanguinea & cvs - Bloodtwig Dogwood	42.50	
32 93 33 00-0122	EA	48" Balled and Burlapped, Cornus sanguinea & cvs - Bloodtwig Dogwood	47.74	
32 93 33 00-0123	EA	60" Balled and Burlapped, Cornus sanguinea & cvs - Bloodtwig Dogwood	54.27	
32 93 33 00-0124	EA	24" Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood	34.00	
32 93 33 00-0125	EA	30" Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood	39.23	
32 93 33 00-0126	EA	36" Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood	41.85	
32 93 33 00-0127	EA	48" Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood	45.77	
32 93 33 00-0128	EA	60" Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood	51.01	
32 93 33 00-0129	EA	5 Gallon Corylus americana - American Filbert	40.54	
32 93 33 00-0130	EA	30" Balled and Burlapped, Corylus americana - American Filbert	45.77	
32 93 33 00-0131	EA	36" Balled and Burlapped, Corylus americana - American Filbert	49.04	
32 93 33 00-0132	EA	48" Balled and Burlapped, Corylus americana - American Filbert	52.97	
32 93 33 00-0133	EA	24" Balled and Burlapped, Corylus avellena - Contorted Hazelnut	130.78	
32 93 33 00-0134	EA	30" Balled and Burlapped, Corylus avellena - Contorted Hazelnut	170.02	
32 93 33 00-0135	EA	36" Balled and Burlapped, Corylus avellena - Contorted Hazelnut	183.10	
32 93 33 00-0136	EA	42" Balled and Burlapped, Corylus avellena - Contorted Hazelnut	235.41	
32 93 33 00-0137	EA	48" Balled and Burlapped, Corylus avellena - Contorted Hazelnut	287.72	
32 93 33 00-0138	EA	60" Balled and Burlapped, Corylus avellena - Contorted Hazelnut	326.96	
32 93 33 00-0139	EA	5' To 6' Cotinus coggygria - Smoke Tree	125.18	
32 93 33 00-0140	EA	6' To 8' Cotinus coggygria - Smoke Tree	187.70	
32 93 33 00-0141	EA	8' To 10' Cotinus coggygria - Smoke Tree	283.10	
32 93 33 00-0142	EA	5 Gallon Cotoneaster acutifolia & cvs - Peking Cotoneaster	32.70	
32 93 33 00-0143	EA	18" Balled and Burlapped, Cotoneaster acutifolia & cvs - Peking Cotoneaster	32.70	
32 93 33 00-0144	EA	24" Balled and Burlapped, Cotoneaster acutifolia & cvs - Peking Cotoneaster	34.00	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0145	EA	12" To 15" Spread Cotoneaster adpressus - Creeping Cotoneaster	31.33	
32 93 33 00-0146	EA	3 Gallon Cotoneaster apiculata & cvs - Cranberry Cotoneaster	34.00	
32 93 33 00-0147	EA	18" Balled and Burlapped, Cotoneaster apiculata & cvs - Cranberry Cotoneaster	32.70	
32 93 33 00-0148	EA	24" Balled and Burlapped, Cotoneaster apiculata & cvs - Cranberry Cotoneaster	34.00	
32 93 33 00-0149	EA	1 Gallon Cotoneaster divaricatus - Spreading Cotoneaster	13.49	
32 93 33 00-0150	EA	2' To 3' Cotoneaster divaricatus - Spreading Cotoneaster	41.73	
32 93 33 00-0151	EA	3' To 4' Cotoneaster divaricatus - Spreading Cotoneaster	56.34	
32 93 33 00-0152	EA	4' To 5' Cotoneaster divaricatus - Spreading Cotoneaster	95.40	
32 93 33 00-0153	EA	1 Gallon Cotoneaster glaucophyllus - Gray Leaf Cotoneaster	9.86	
32 93 33 00-0154	EA	5 Gallon Cotoneaster glaucophyllus - Gray Leaf Cotoneaster	24.38	
32 93 33 00-0155	EA	1 Gallon Cotoneaster horizontalis - Rockspray Cotoneaster	13.49	
32 93 33 00-0156	EA	2 Gallon Cotoneaster horizontalis - Rockspray Cotoneaster	26.55	
32 93 33 00-0157	EA	1 Gallon Cotoneaster lacteus - Red Clusterberry	9.86	
32 93 33 00-0158	EA	5 Gallon Cotoneaster lacteus - Red Clusterberry	24.38	
32 93 33 00-0159	EA	15 Gallon Cotoneaster lacteus - Red Clusterberry	96.78	
32 93 33 00-0160	EA	1 Gallon Dendromecon harfordii - Island Bush Poppy	27.02	
32 93 33 00-0161	EA	5 Gallon Dendromecon harfordii - Island Bush Poppy	67.56	
32 93 33 00-0162	EA	18" Balled and Burlapped, Deutzia gracilis - Slender Deutzia	33.35	
32 93 33 00-0163	EA	24" Balled and Burlapped, Deutzia gracilis - Slender Deutzia	36.62	
32 93 33 00-0164	EA	30" Balled and Burlapped, Deutzia gracilis - Slender Deutzia	47.08	
32 93 33 00-0165	EA	36" Balled and Burlapped, Deutzia gracilis - Slender Deutzia	54.93	
32 93 33 00-0166	EA	42" Balled and Burlapped, Deutzia gracilis - Slender Deutzia	62.78	
32 93 33 00-0167	EA	24" Balled and Burlapped, Diervilla sessilifolia - Southern Bush Honeysuckle	52.31	
32 93 33 00-0168	EA	30" Balled and Burlapped, Diervilla sessilifolia - Southern Bush Honeysuckle	62.78	
32 93 33 00-0169	EA	36" Balled and Burlapped, Diervilla sessilifolia - Southern Bush Honeysuckle	73.24	
32 93 33 00-0170	EA	2 Gallon Diervilla splendens - Splendens Bush Honeysuckle	19.62	
32 93 33 00-0171	EA	36" Balled and Burlapped, Diervilla splendens - Splendens Bush Honeysuckle	47.08	
32 93 33 00-0172	EA	48" Balled and Burlapped, Diervilla splendens - Splendens Bush Honeysuckle	62.78	
32 93 33 00-0173	EA	3' To 4' Elaeagnus umbellata - Autumn Olive	39.06	
32 93 33 00-0174	EA	4' To 5' Elaeagnus umbellata - Autumn Olive	53.67	
32 93 33 00-0175	EA	5' To 6' Elaeagnus umbellata - Autumn Olive	64.21	
32 93 33 00-0176	EA	3' To 4' Elaeagnus angustiflolia - Russian Olive	62.52	
32 93 33 00-0177	EA	1 Gallon Euonymus - Gold Spot	11.24	
32 93 33 00-0178	EA	2 Gallon Euonymus - Gold Spot	23.60	
32 93 33 00-0179	EA	5 Gallon Euonymus - Gold Spot	32.46	
32 93 33 00-0180	EA	1 Gallon Euonymus alatus - Winged Euonymus	9.60	
32 93 33 00-0181	EA	3 Gallon Euonymus alatus - Winged Euonymus	27.67	
32 93 33 00-0182	EA	24" Balled and Burlapped, Euonymus alatus - Winged Euonymus	37.30	
32 93 33 00-0183	EA	30" Balled and Burlapped, Euonymus alatus - Winged Euonymus	46.62	
32 93 33 00-0184	EA	36" Balled and Burlapped, Euonymus alatus - Winged Euonymus	64.07	
32 93 33 00-0185	EA	42" Balled and Burlapped, Euonymus alatus - Winged Euonymus	79.11	
32 93 33 00-0186	EA	48" Balled and Burlapped, Euonymus alatus - Winged Euonymus	93.25	
32 93 33 00-0187	EA	54" Balled and Burlapped, Euonymus alatus - Winged Euonymus	120.32	
32 93 33 00-0188	EA	5 Gallon Euonymus alatus - Winged Euonymus	34.59	
32 93 33 00-0189	EA	60" Balled and Burlapped, Euonymus alatus - Winged Euonymus	150.40	
32 93 33 00-0190	EA	30" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus	58.85	
32 93 33 00-0191	EA	36" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus	69.97	
32 93 33 00-0192	EA	42" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus	91.55	
32 93 33 00-0193	EA	48" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus	109.86	
32 93 33 00-0194	EA	60" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus	136.01	
32 93 33 00-0195	EA	18" To 24" Euonymus alatus - Winged Burning Bush	41.73	
32 93 33 00-0196	EA	2' To 2-1/2' Euonymus alatus - Winged Burning Bush	49.17	
32 93 33 00-0197	EA	2-1/2' To 3' Euonymus alatus - Winged Burning Bush	67.16	
32 93 33 00-0198	EA	3' To 3-1/2' Euonymus alatus - Winged Burning Bush	80.50	
32 93 33 00-0199	EA	3-1/2 To 4' Euonymus alatus - Winged Burning Bush	101.30	
32 93 33 00-0200	EA	4' To 5' Euonymus alatus - Winged Burning Bush	143.03	
32 93 33 00-0201	EA	5' To 6' Euonymus alatus - Winged Burning Bush	178.85	
32 93 33 00-0202	EA	6' To 8' Euonymus alatus - Winged Burning Bush	208.64	
32 93 33 00-0203	EA	15" To 18" Euonymus alatus - Dwarf Winged Burning Bush	41.73	
32 93 33 00-0204	EA	18" To 24" Euonymus alatus - Dwarf Winged Burning Bush	47.63	
32 93 33 00-0205	EA	2' To 2-1/2' Euonymus alatus - Dwarf Winged Burning Bush	58.17	
32 93 33 00-0206	EA	2-1/2' To 3' Euonymus alatus - Dwarf Winged Burning Bush	82.05	
32 93 33 00-0207	EA	3' To 3-1/2' Euonymus alatus - Dwarf Winged Burning Bush	96.94	
32 93 33 00-0208	EA	3-1/2' To 4' Euonymus alatus - Dwarf Winged Burning Bush	116.19	
32 93 33 00-0209	EA	4' To 5' Euonymus alatus - Dwarf Winged Burning Bush	163.96	
32 93 33 00-0210	EA	5' To 6' Euonymus alatus - Dwarf Winged Burning Bush	193.74	
32 93 33 00-0211	EA	36" Balled and Burlapped, Euonymus atropurpurea - Eastern Wahoo	35.31	
32 93 33 00-0212	EA	1 Gallon Euonymus fortunei - Wintercreeper	13.49	
32 93 33 00-0213	EA	2 Gallon Euonymus fortunei - Wintercreeper	26.55	
32 93 33 00-0214	EA	3 Gallon Euonymus fortunei - Wintercreeper	32.46	
32 93 33 00-0215	EA	5 Gallon Euonymus fortunei - Wintercreeper	38.50	
32 93 33 00-0216	EA	2' To 3' Forsythia - Korean Forsythia	29.79	
32 93 33 00-0217	EA	3' To 4' Forsythia - Korean Forsythia	37.65	
32 93 33 00-0218	EA	4' To 5' Forsythia - Korean Forsythia	46.92	
32 93 33 00-0219	EA	30" Balled and Burlapped, Forsythia cvs - Forsythia cultivars	30.08	
32 93 33 00-0220	EA	36" Balled and Burlapped, Forsythia cvs - Forsythia cultivars	33.35	
32 93 33 00-0221	EA	48" Balled and Burlapped, Forsythia cvs - Forsythia cultivars	35.97	
32 93 33 00-0222	EA	18" Balled and Burlapped, Forsythia viridissima & cvs - Green Forsythia	31.39	
32 93 33 00-0223	EA	24" Balled and Burlapped, Forsythia viridissima & cvs - Green Forsythia	41.85	
32 93 33 00-0224	EA	24" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia	31.39	
32 93 33 00-0225	EA	30" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia	36.62	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0226	EA	36" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia	43.16	
32 93 33 00-0227	EA	42" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia	49.70	
32 93 33 00-0228	EA	48" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia	57.54	
32 93 33 00-0229	EA	2 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla	44.47	
32 93 33 00-0230	EA	3 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla	62.12	
32 93 33 00-0231	EA	5 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla	65.39	
32 93 33 00-0232	EA	15" Balled and Burlapped, Fothergilla gardenii & cvs - Dwarf Fothergilla	68.01	
32 93 33 00-0233	EA	18" Balled and Burlapped, Fothergilla gardenii & cvs - Dwarf Fothergilla	73.24	
32 93 33 00-0234	EA	24" Balled and Burlapped, Fothergilla gardenii & cvs - Dwarf Fothergilla	88.93	
32 93 33 00-0235	EA	24" Balled and Burlapped, Fothergilla major - Large Fothergilla	115.09	
32 93 33 00-0236	EA	30" Balled and Burlapped, Fothergilla major - Large Fothergilla	130.78	
32 93 33 00-0237	EA	1 Gallon Gardenia jasminoides - Cape Jasmine	9.69	
32 93 33 00-0238	EA	3 Gallon Gardenia jasminoides - Cape Jasmine	25.43	
32 93 33 00-0239	EA	5 Gallon Gardenia jasminoides - Cape Jasmine	32.46	
32 93 33 00-0240	EA	5 Gallon Border Forsythia - Goldenbells	36.11	
32 93 33 00-0241	EA	2' To 3' Border Forsythia - Goldenbells	29.79	
32 93 33 00-0242	EA	3' To 4' Border Forsythia - Goldenbells	37.65	
32 93 33 00-0243	EA	4' To 5' Border Forsythia - Goldenbells	46.93	
32 93 33 00-0244	EA	5' To 6' Border Forsythia - Goldenbells	56.34	
32 93 33 00-0245	EA	6' To 8' Border Forsythia - Goldenbells	77.41	
32 93 33 00-0246	EA	36" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel	91.55	
32 93 33 00-0247	EA	48" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel	149.09	
32 93 33 00-0248	EA	60" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel	188.33	
32 93 33 00-0249	EA	72" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel	287.72	
32 93 33 00-0250	EA	84" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel	326.96	
32 93 33 00-0251	EA	1 Gallon Hedychuium gartdnerum - Variegated Ginger	5.56	
32 93 33 00-0252	EA	3 Gallon Hedychuium gartdnerum - Variegated Ginger	19.55	
32 93 33 00-0253	EA	5 Gallon Hedychuium gartdnerum - Variegated Ginger	37.60	
32 93 33 00-0254	EA	1 Gallon Hibiscus rosa-sinensis - Hibiscus	14.26	
32 93 33 00-0255	EA	3 Gallon Hibiscus rosa-sinensis - Hibiscus	24.06	
32 93 33 00-0256	EA	5 Gallon Hibiscus rosa-sinensis - Hibiscus	36.40	
32 93 33 00-0257	EA	5 Gallon Hibiscus syriacus - Rose Of Sharon	37.65	
32 93 33 00-0258	EA	2' To 3' Hibiscus syriacus - Rose Of Sharon	32.03	
32 93 33 00-0259	EA	3' To 4' Hibiscus syriacus - Rose Of Sharon	43.27	
32 93 33 00-0260	EA	4' To 5' Hibiscus syriacus - Rose Of Sharon	62.52	
32 93 33 00-0261	EA	5' To 6' Hibiscus syriacus - Rose Of Sharon	86.41	
32 93 33 00-0262	EA	2 Gallon Hydrangea - Blue Hydrangea	26.55	
32 93 33 00-0263	EA	5 Gallon Hydrangea - Blue Hydrangea	37.37	
32 93 33 00-0264	EA	2' To 3' Hydrangea paniculata "Grandiflora" - Peegee Hydrangea	41.73	
32 93 33 00-0265	EA	3' To 4' Hydrangea paniculata "Grandiflora" - Peegee Hydrangea	47.63	
32 93 33 00-0266	EA	2 Gallon Hydrangea quercifloia - Oakleaf Hydrangea	26.55	
32 93 33 00-0267	EA	5 Gallon Hydrangea arborescens & cvs - Smooth Hydrangea	45.77	
32 93 33 00-0268	EA	30" Balled and Burlapped, Hydrangea arborescens & cvs - Smooth Hydrangea	49.70	
32 93 33 00-0269	EA	36" Balled and Burlapped, Hydrangea arborescens & cvs - Smooth Hydrangea	57.54	
32 93 33 00-0270	EA	4 Gallon Hydrangea macrophylla & cvs - Bigleaf Hydrangea	60.16	
32 93 33 00-0271	EA	18" Balled and Burlapped, Hydrangea macrophylla & cvs - Bigleaf Hydrangea	47.08	
32 93 33 00-0272	EA	24" Balled and Burlapped, Hydrangea macrophylla & cvs - Bigleaf Hydrangea	62.78	
32 93 33 00-0273	EA	3 Gallon Hydrangea paniculata & cvs - Panicle Hydrangea	27.46	
32 93 33 00-0274	EA	5 Gallon Hydrangea paniculata & cvs - Panicle Hydrangea	32.70	
32 93 33 00-0275	EA	18" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea	28.12	
32 93 33 00-0276	EA	24" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea	30.08	
32 93 33 00-0277	EA	30" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea	34.00	
32 93 33 00-0278	EA	36" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea	39.23	
32 93 33 00-0279	EA	48" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea	52.31	
32 93 33 00-0280	EA	18" Balled and Burlapped, Hydrangea quercifolia & cvs - Oakleaf Hydrangea	37.93	
32 93 33 00-0281	EA	24" Balled and Burlapped, Hydrangea quercifolia & cvs - Oakleaf Hydrangea	43.16	
32 93 33 00-0282	EA	30" Balled and Burlapped, Hydrangea quercifolia & cvs - Oakleaf Hydrangea	51.01	
32 93 33 00-0283	EA	2 Gallon Hypericum kalmianum - St. John's Wort	26.55	
32 93 33 00-0284	EA	3 Gallon Hypericum kalmianun - Kalm St. John's Wort	31.39	
32 93 33 00-0285	EA	24" Balled and Burlapped, Hypericum kalmianun - Kalm St. John's Wort	34.00	
32 93 33 00-0286	EA	1 Gallon Ilex "Carissa" - Holly	13.49	
32 93 33 00-0287	EA	2 Gallon Ilex "Carissa" - Holly	26.55	
32 93 33 00-0288	EA	5 Gallon Ilex "Carissa" - Holly	37.37	
32 93 33 00-0289	EA	18" To 24" Ilex - Gulftide Sweet Holly	35.83	
32 93 33 00-0290	EA	2' To 2-1/2' Ilex - Gulftide Sweet Holly	45.38	
32 93 33 00-0291	EA	2-1/2' To 3' Ilex - Gulftide Sweet Holly	58.87	
32 93 33 00-0292	EA	3' To 3-1/2' Ilex - Gulftide Sweet Holly	71.51	
32 93 33 00-0293	EA	3 Gallon Ilex cornuta - Dwarf Horned Holly	26.76	
32 93 33 00-0294	EA	1 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	13.49	
32 93 33 00-0295	EA	2 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	26.55	
32 93 33 00-0296	EA	5 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	38.50	
32 93 33 00-0297	EA	1 Gallon Ilex crenata - Hellers Japanese Holly	13.49	
32 93 33 00-0298	EA	2 Gallon Ilex crenata - Hellers Japanese Holly	29.51	
32 93 33 00-0299	EA	3 Gallon Ilex crenata - Hellers Japanese Holly	38.50	
32 93 33 00-0300	EA	2 Gallon Ilex crenata - Hetzi Japanese Holly	29.50	
32 93 33 00-0301	EA	3 Gallon Ilex crenata - Hetzi Japanese Holly	35.55	
32 93 33 00-0302	EA	2' To 3' Ilex crenata - Hetzi Japanese Holly	71.51	
32 93 33 00-0303	EA	3' To 4' Ilex crenata - Hetzi Japanese Holly	95.40	
32 93 33 00-0304	EA	2' To 3' Ilex opaca - American Holly	95.40	
32 93 33 00-0305	EA	3' To 4' Ilex opaca - American Holly	157.92	
32 93 33 00-0306	EA	4' To 5' Ilex opaca - American Holly	202.60	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0307	EA	5' To 6' Ilex opaca - American Holly	244.32	
32 93 33 00-0308	EA	6' To 7' Ilex opaca - American Holly	342.67	
32 93 33 00-0309	EA	7' To 8' Ilex opaca - American Holly	476.85	
32 93 33 00-0310	EA	8' To 10' Ilex opaca - American Holly	685.34	
32 93 33 00-0311	EA	10' To 12' Ilex opaca - American Holly	1,043.05	
32 93 33 00-0312	EA	12' To 14' Ilex opaca - American Holly	1,266.44	
32 93 33 00-0313	EA	14' To 16' Ilex opaca - American Holly	1,564.43	
32 93 33 00-0314	EA	2' To 3' Ilex verticillata - Winterberry (Female)	95.40	
32 93 33 00-0315	EA	3' To 4' Ilex verticillata - Winterberry (Female)	125.18	
32 93 33 00-0316	EA	2' To 3' Ilex verticillata - Winterberry (Male)	77.41	
32 93 33 00-0317	EA	3' To 4' Ilex verticillata - Winterberry (Male)	107.34	
32 93 33 00-0318	EA	4' To 5' Ilex verticillata - Winterberry (Male)	125.18	
32 93 33 00-0319	EA	1 Gallon Ilex vomitoria - Yaupon Holly	12.65	
32 93 33 00-0320	EA	3 Gallon Ilex vomitoria - Yaupon Holly	25.43	
32 93 33 00-0321	EA	10 Gallon Ilex vomitoria - Yaupon Holly	89.36	
32 93 33 00-0322	EA	18" Balled and Burlapped, Ilex glabra compacta & cvs - Compact Inkberry Holly	40.54	
32 93 33 00-0323	EA	24" Balled and Burlapped, Ilex glabra compacta & cvs - Compact Inkberry Holly	45.77	
32 93 33 00-0324	EA	3 Gallon Ilex meserveae & cvs - Blue Holly	52.31	
32 93 33 00-0325	EA	18" Balled and Burlapped, Ilex meserveae & cvs - Blue Holly	48.39	
32 93 33 00-0326	EA	24" Balled and Burlapped, Ilex meservae & cvs - Blue Holly	58.85	
32 93 33 00-0327	EA	5 Gallon Ilex verticillata & cvs - Common Winterberry	43.16	
32 93 33 00-0328	EA	24" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	43.16	
32 93 33 00-0329	EA	30" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	45.77	
32 93 33 00-0330	EA	36" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	54.93	
32 93 33 00-0331	EA	42" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	61.47	
32 93 33 00-0332	EA	48" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	65.39	
32 93 33 00-0333	EA	60" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	83.70	
32 93 33 00-0334	EA	4' To 5' Ilex x attenuata "Foster" - Holly	154.97	
32 93 33 00-0335	EA	5' To 6' Ilex x attenuata "Foster" - Holly	205.55	
32 93 33 00-0336	EA	6' To 7' Ilex x attenuata "Foster" - Holly	183.91	
32 93 33 00-0337	EA	7' To 8' Ilex x attenuata "Foster" - Holly	357.56	
32 93 33 00-0338	EA	1 Gallon Jasimnum - Jasmine	3.46	
32 93 33 00-0339	EA	3 Gallon Jasimnum - Jasmine	13.54	
32 93 33 00-0340	EA	3 Gallon Jasimnum - Orange Jasmine	10.53	
32 93 33 00-0341	EA	4' - 5' Jasimnum - Orange Jasmine	120.32	
32 93 33 00-0342	EA	6' - 7' Jasimnum - Orange Jasmine	240.64	
32 93 33 00-0343	EA	8' - 10' Jasimnum - Orange Jasmine	324.86	
32 93 33 00-0344	EA	3 Gallon Juniperus chinesis cvs - Chinese Juniper	45.77	
32 93 33 00-0345	EA	5 Gallon Juniperus chinesis cvs - Chinese Juniper	51.01	
32 93 33 00-0346	EA	18" Balled and Burlapped, Juniperus chinesis cvs - Chinese Juniper	68.01	
32 93 33 00-0347	EA	24" Balled and Burlapped, Juniperus chinesis cvs - Chinese Juniper	88.93	
32 93 33 00-0348	EA	30" Balled and Burlapped, Juniperus chinesis cvs - Chinese Juniper	104.63	
32 93 33 00-0349	EA	36" Balled and Burlapped, Juniperus chinesis cvs - Chinese Juniper	141.25	
32 93 33 00-0350	EA	48" Balled and Burlapped, Juniperus chinesis cvs - Chinese Juniper	193.56	
32 93 33 00-0351	EA	1 Gallon Juniperus horizontalis cvs - Creeping Juniper	21.81	
32 93 33 00-0352	EA	3 Gallon Juniperus horizontalis cvs - Creeping Juniper	45.77	
32 93 33 00-0353	EA	5 Gallon Juniperus horizontalis cvs - Creeping Juniper	51.01	
32 93 33 00-0354	EA	15" Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper	54.93	
32 93 33 00-0355	EA	18" Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper	60.16	
32 93 33 00-0356	EA	24" Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper	73.24	
32 93 33 00-0357	EA	30" Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper	88.93	
32 93 33 00-0358	EA	3 Gallon Juniperus procumbens cvs - Japanese Garden Juniper	35.31	
32 93 33 00-0359	EA	18" Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper	41.85	
32 93 33 00-0360	EA	24" Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper	57.54	
32 93 33 00-0361	EA	30" Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper	73.24	
32 93 33 00-0362	EA	36" Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper	88.93	
32 93 33 00-0363	EA	3 Gallon Juniperus sabina cvs - Savin Juniper	32.70	
32 93 33 00-0364	EA	5 Gallon Juniperus sabina cvs - Savin Juniper	39.23	
32 93 33 00-0365	EA	4 Gallon Juniperus virginiana cvs - Red Cedar Juniper	34.00	
32 93 33 00-0366	EA	36" Balled and Burlapped, Juniperus virginiana cvs - Red Cedar Juniper	65.39	
32 93 33 00-0367	EA	48" Balled and Burlapped, Juniperus virginiana cvs - Red Cedar Juniper	102.01	
32 93 33 00-0368	EA	60" Balled and Burlapped, Juniperus virginiana cvs - Red Cedar Juniper	128.17	
32 93 33 00-0369	EA	15" To 18" Kalmia latifolia - Mountain Laurel	53.67	
32 93 33 00-0370	EA	18" To 24" Kalmia latifolia - Mountain Laurel	71.51	
32 93 33 00-0371	EA	2' To 3' Kalmia latifolia - Mountain Laurel	104.25	
32 93 33 00-0372	EA	4' To 5' Kalmia latifolia - Mountain Laurel	190.65	
32 93 33 00-0373	EA	5' To 6' Kalmia latifolia - Mountain Laurel	292.09	
32 93 33 00-0374	EA	6' To 8' Kalmia latifolia - Mountain Laurel	447.06	
32 93 33 00-0375	EA	1 Gallon Kerria japonica - Kerria	11.94	
32 93 33 00-0376	EA	5 Gallon Kerria japonica - Kerria	37.37	
32 93 33 00-0377	EA	24" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	37.93	
32 93 33 00-0378	EA	30" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	43.16	
32 93 33 00-0379	EA	36" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	47.08	
32 93 33 00-0380	EA	42" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	54.93	
32 93 33 00-0381	EA	48" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	62.78	
32 93 33 00-0382	EA	60" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	78.47	
32 93 33 00-0383	EA	1 Gallon Lagerstroemia indica - Crape Myrtle	8.99	
32 93 33 00-0384	EA	5 Gallon Lagerstroemia indica - Crape Myrtle	32.03	
32 93 33 00-0385	EA	3' To 4' Lagerstroemia indica - Crape Myrtle	44.68	
32 93 33 00-0386	EA	4' To 5' Lagerstroemia indica - Crape Myrtle	65.61	
32 93 33 00-0387	EA	5' To 6' Lagerstroemia indica - Crape Myrtle	104.25	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0388	EA	7' To 8' Lagerstroemia indica - Crape Myrtle	135.36	
32 93 33 00-0389	EA	9' To 10' Lagerstroemia indica - Crape Myrtle	180.48	
32 93 33 00-0390	EA	11' To 12' Lagerstroemia indica - Crape Myrtle	376.00	
32 93 33 00-0391	EA	1 Gallon Leucothoe axillaris - Coast Leucothoe	13.49	
32 93 33 00-0392	EA	2 Gallon Leucothoe axillaris - Coast Leucothoe	29.51	
32 93 33 00-0393	EA	3 Gallon Leucothoe axillaris - Coast Leucothoe	35.55	
32 93 33 00-0394	EA	1 Gallon Ligustrum lucidum - Glossy Privet	8.29	
32 93 33 00-0395	EA	5 Gallon Ligustrum lucidum - Glossy Privet	25.43	
32 93 33 00-0396	EA	15 Gallon Ligustrum lucidum - Glossy Privet	119.14	
32 93 33 00-0397	EA	1 Gallon Ligustrum sinense - Variegated Chinese Privet	8.29	
32 93 33 00-0398	EA	2 Gallon Ligustrum sinense - Variegated Chinese Privet	17.84	
32 93 33 00-0399	EA	3 Gallon Ligustrum sinense - Variegated Chinese Privet	23.18	
32 93 33 00-0400	EA	36" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet	39.23	
32 93 33 00-0401	EA	48" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet	57.54	
32 93 33 00-0402	EA	60" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet	73.24	
32 93 33 00-0403	EA	72" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet	83.70	
32 93 33 00-0404	EA	5 Gallon Lindera benzoin - Spicebush	43.16	
32 93 33 00-0405	EA	36" Balled and Burlapped, Lindera benzoin - Spicebush	36.62	
32 93 33 00-0406	EA	48" Balled and Burlapped, Lindera benzoin - Spicebush	44.47	
32 93 33 00-0407	EA	2' To 3' Lonicera fragrantissima - Winter Honeysuckle	71.51	
32 93 33 00-0408	EA	3' To 4' Lonicera fragrantissima - Winter Honeysuckle	86.40	
32 93 33 00-0409	EA	30" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle	39.23	
32 93 33 00-0410	EA	36" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle	47.08	
32 93 33 00-0411	EA	42" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle	52.31	
32 93 33 00-0412	EA	48" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle	57.54	
32 93 33 00-0413	EA	1 Gallon Myrica cerifera - Wax Myrtle	7.52	
32 93 33 00-0414	EA	4 Gallon Myrica cerifera - Wax Myrtle	24.06	
32 93 33 00-0415	EA	7 Gallon Myrica cerifera - Wax Myrtle	52.64	
32 93 33 00-0416	EA	10 Gallon Myrica cerifera - Wax Myrtle	78.21	
32 93 33 00-0417	EA	15 Gallon Myrica cerifera - Wax Myrtle	120.32	
32 93 33 00-0418	EA	45 Gallon Myrica cerifera - Wax Myrtle	360.96	
32 93 33 00-0419	EA	1' - 2' Myrica cerifera - Wax Myrtle	10.53	
32 93 33 00-0420	EA	3' - 4' Myrica cerifera - Wax Myrtle	36.10	
32 93 33 00-0421	EA	5' - 6' Myrica cerifera - Wax Myrtle	66.18	
32 93 33 00-0422	EA	7' - 8' Myrica cerifera - Wax Myrtle	90.24	
32 93 33 00-0423	EA	9' - 10' Myrica cerifera - Wax Myrtle	120.32	
32 93 33 00-0424	EA	11' - 12' Myrica cerifera - Wax Myrtle	183.49	
32 93 33 00-0425	EA	3 Gallon Myrica pensylvanica - Northern Bayberry	39.23	
32 93 33 00-0426	EA	24" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry	64.08	
32 93 33 00-0427	EA	30" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry	94.16	
32 93 33 00-0428	EA	36" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry	112.47	
32 93 33 00-0429	EA	48" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry	117.70	
32 93 33 00-0430	EA	1 Gallon Nandina domestica - Heavenly Bamboo	13.49	
32 93 33 00-0431	EA	2 Gallon Nandina domestica - Heavenly Bamboo	29.51	
32 93 33 00-0432	EA	5 Gallon Nandina domestica - Heavenly Bamboo	44.68	
32 93 33 00-0433	EA	1 Gallon Osmanthus fragrans - Fragrant Tea Olive	8.29	
32 93 33 00-0434	EA	3 Gallon Osmanthus fragrans - Fragrant Tea Olive	22.48	
32 93 33 00-0435	EA	1 Gallon Philadelphus - Evergreen Mockorange	11.52	
32 93 33 00-0436	EA	5 Gallon Philadelphus - Evergreen Mockorange	37.37	
32 93 33 00-0437	EA	36" Balled and Burlapped, Philadelphus x virginalis & cvs - Mockorange	39.23	
32 93 33 00-0438	EA	42" Balled and Burlapped, Philadelphus x virginalis & cvs - Mockorange	45.77	
32 93 33 00-0439	EA	48" Balled and Burlapped, Philadelphus x virginalis & cvs - Mockorange	52.31	
32 93 33 00-0440	EA	24" Balled and Burlapped, Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	39.23	
32 93 33 00-0441	EA	30" Balled and Burlapped, Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	45.77	
32 93 33 00-0442	EA	36" Balled and Burlapped, Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	52.31	
32 93 33 00-0443	EA	42" Balled and Burlapped, Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	65.39	
32 93 33 00-0444	EA	48" Balled and Burlapped, Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	78.47	
32 93 33 00-0445	EA	12" To 15" Spread Pieris - Mountain Andromeda	36.11	
32 93 33 00-0446	EA	15" To 18" Spread Pieris - Mountain Andromeda	77.41	
32 93 33 00-0447	EA	12" To 15" Pieris japonica - Japanese Andromeda	46.93	
32 93 33 00-0448	EA	15" To 18" Pieris japonica - Japanese Andromeda	53.67	
32 93 33 00-0449	EA	18" To 24" Pieris japonica - Japanese Andromeda	67.16	
32 93 33 00-0450	EA	2' To 2-1/2' Pieris japonica - Japanese Andromeda	95.40	
32 93 33 00-0451	EA	2-1/2' To 3' Pieris japonica - Japanese Andromeda	113.24	
32 93 33 00-0452	EA	24" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	40.74	
32 93 33 00-0453	EA	30" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	52.15	
32 93 33 00-0454	EA	36" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	62.74	
32 93 33 00-0455	EA	48" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	80.67	
32 93 33 00-0456	EA	60" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	96.96	
32 93 33 00-0457	EA	72" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	141.78	
32 93 33 00-0458	EA	30" Balled and Burlapped, Pinus mugo compacta - Dwarf Mugo Pine	88.00	
32 93 33 00-0459	EA	36" Balled and Burlapped, Pinus mugo compacta - Dwarf Mugo Pine	105.93	
32 93 33 00-0460	EA	48" Balled and Burlapped, Pinus mugo compacta - Dwarf Mugo Pine	140.96	
32 93 33 00-0461	EA	1 Gallon Pittosporum - Pittosporum	4.96	
32 93 33 00-0462	EA	3 Gallon Pittosporum - Pittosporum	12.78	
32 93 33 00-0463	EA	1 Gallon Pittosporum - Varigated Pittosporum	4.96	
32 93 33 00-0464	EA	3 Gallon Pittosporum - Varigated Pittosporum	12.78	
32 93 33 00-0465	EA	5 Gallon Pittosporum - Varigated Pittosporum	22.41	
32 93 33 00-0466	EA	2 Gallon Potentilla fruticosa & cvs - Bush Cinquefoil	22.23	
32 93 33 00-0467	EA	5 Gallon Potentilla fruticosa & cvs - Bush Cinquefoil	31.39	
32 93 33 00-0468	EA	18" Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil	23.54	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0469	EA	24" Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil	26.16	
32 93 33 00-0470	EA	30" Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil	37.93	
32 93 33 00-0471	EA	36" Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil	43.81	
32 93 33 00-0472	EA	1 Gallon Prunus caroliniana - Carolina Cherry Laurel	5.60	
32 93 33 00-0473	EA	5 Gallon Prunus caroliniana - Carolina Cherry Laurel	14.01	
32 93 33 00-0474	EA	15 Gallon Prunus caroliniana - Carolina Cherry Laurel	83.51	
32 93 33 00-0475	EA	15" To 18" Prunus laurocerasus - Cherry Laurel	21.36	
32 93 33 00-0476	EA	18" To 24" Prunus laurocerasus - Cherry Laurel	26.44	
32 93 33 00-0477	EA	24" To 30" Prunus laurocerasus - Cherry Laurel	34.40	
32 93 33 00-0478	EA	15" To 18" Prunus triloba - Double White Flowering Almond	19.08	
32 93 33 00-0479	EA	18" To 24" Prunus triloba - Double White Flowering Almond	24.42	
32 93 33 00-0480	EA	3' To 4' Prunus triloba - Double White Flowering Almond	38.95	
32 93 33 00-0481	EA	4' To 6' Prunus triloba - Double White Flowering Almond	77.99	
32 93 33 00-0482	EA	5 Gallon Prunus triloba - Pink Flowering Almond	23.46	
32 93 33 00-0483	EA	18" To 24" Prunus triloba - Pink Flowering Almond	26.35	
32 93 33 00-0484	EA	2' To 3' Prunus triloba - Pink Flowering Almond	30.64	
32 93 33 00-0485	EA	2' To 3' Prunus virginiana - Brilliant Chokeberry	20.83	
32 93 33 00-0486	EA	3' To 4' Prunus virginiana - Brilliant Chokeberry	25.56	
32 93 33 00-0487	EA	4' To 5' Prunus virginiana - Brilliant Chokeberry	30.64	
32 93 33 00-0488	EA	5' To 6' Prunus virginiana - Brilliant Chokeberry	35.10	
32 93 33 00-0489	EA	1 Gallon Punica granatum - Dwarf Pomegranate	8.85	
32 93 33 00-0490	EA	3 Gallon Punica granatum - Dwarf Pomegranate	26.13	
32 93 33 00-0491	EA	7 Gallon Punica granatum - Dwarf Pomegranate	53.67	
32 93 33 00-0492	EA	1 Gallon Pyracantha koidzumi "Santa Cruz" - Pyracantha	11.24	
32 93 33 00-0493	EA	5 Gallon Pyracantha koidzumi "Santa Cruz" - Pyracantha	37.37	
32 93 33 00-0494	EA	5 Gallon Espalier Pyracantha koidzumi "Santa Cruz" - Pyracantha	77.41	
32 93 33 00-0495	EA	1 Gallon Ralphiolepis indica - Indian Hawthorne	8.99	
32 93 33 00-0496	EA	2 Gallon Ralphiolepis indica - Indian Hawthorne	17.14	
32 93 33 00-0497	EA	5 Gallon Ralphiolepis indica - Indian Hawthorne	30.49	
32 93 33 00-0498	EA	1 Gallon Rhamnus californica - Coffeeberry	13.67	
32 93 33 00-0499	EA	5 Gallon Rhamnus californica - Coffeeberry	39.08	
32 93 33 00-0500	EA	15 Gallon Rhamnus californica - Coffeeberry	117.29	
32 93 33 00-0501	EA	4' To 5' Rhamnus frangula "Columnaris" - Tallhedge	68.56	
32 93 33 00-0502	EA	5' To 6' Rhamnus frangula "Columnaris" - Tallhedge	93.99	
32 93 33 00-0503	EA	6' To 8' Rhamnus frangula "Columnaris" - Tallhedge	122.23	
32 93 33 00-0504	EA	10' To 12' Rhamnus frangula "Columnaris" - Tallhedge	223.53	
32 93 33 00-0505	EA	1 Gallon Rhododendron - Azalea Evergreen Hybrids	14.61	
32 93 33 00-0506	EA	2 Gallon Rhododendron - Azalea Evergreen Hybrids	29.50	
32 93 33 00-0507	EA	3 Gallon Rhododendron - Azalea Evergreen Hybrids	38.50	
32 93 33 00-0508	EA	5 Gallon Rhododendron - Azalea Evergreen Hybrids	44.68	
32 93 33 00-0509	EA	15" To 18" Rhododendron - Azalea Evergreen Hybrids	52.26	
32 93 33 00-0510	EA	18" To 24" Rhododendron - Azalea Evergreen Hybrids	65.61	
32 93 33 00-0511	EA	2' To 2-1/2' Rhododendron - Azalea Evergreen Hybrids	95.40	
32 93 33 00-0512	EA	2-1/2' To 3' Rhododendron - Azalea Evergreen Hybrids	134.03	
32 93 33 00-0513	EA	1 Gallon Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	16.44	
32 93 33 00-0514	EA	2 Gallon Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	29.50	
32 93 33 00-0515	EA	15' To 18' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	50.72	
32 93 33 00-0516	EA	18" To 24" Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	65.61	
32 93 33 00-0517	EA	2' To 3' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	95.40	
32 93 33 00-0518	EA	3' To 4' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	140.08	
32 93 33 00-0519	EA	4' To 5' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	187.70	
32 93 33 00-0520	EA	5 Gallon Rhododendron - Boxleaf Azara	37.37	
32 93 33 00-0521	EA	15 Gallon Rhododendron - Boxleaf Azara	134.03	
32 93 33 00-0522	EA	15" To 18" Rhododendron - Carolina Rhododendron	42.29	
32 93 33 00-0523	EA	18" To 24" Rhododendron - Carolina Rhododendron	74.46	
32 93 33 00-0524	EA	24" To 30" Rhododendron - Carolina Rhododendron	110.29	
32 93 33 00-0525	EA	2' To 3' Rhododendron - Five-leafed Azalea	50.16	
32 93 33 00-0526	EA	3' To 4' Rhododendron - Five-leafed Azalea	65.61	
32 93 33 00-0527	EA	4' To 5' Rhododendron - Five-leafed Azalea	86.41	
32 93 33 00-0528	EA	15" To 18" Rhododendron - Ghent Azalea	50.16	
32 93 33 00-0529	EA	18" To 24" Rhododendron - Ghent Azalea	62.52	
32 93 33 00-0530	EA	2' To 3' Rhododendron - Ghent Azalea	101.30	
32 93 33 00-0531	EA	3' To 4' Rhododendron - Ghent Azalea	140.08	
32 93 33 00-0532	EA	4' To 5' Rhododendron - Ghent Azalea	187.70	
32 93 33 00-0533	EA	5' To 6' Rhododendron - Ghent Azalea	250.37	
32 93 33 00-0534	EA	1 Gallon Rhododendron - Hybrid Rhododendron	16.44	
32 93 33 00-0535	EA	2 Gallon Rhododendron - Hybrid Rhododendron	35.55	
32 93 33 00-0536	EA	3 Gallon Rhododendron - Hybrid Rhododendron	50.44	
32 93 33 00-0537	EA	5 Gallon Rhododendron - Hybrid Rhododendron	56.34	
32 93 33 00-0538	EA	15" To 18" Rhododendron - Hybrid Rhododendron	47.63	
32 93 33 00-0539	EA	18" To 24" Rhododendron - Hybrid Rhododendron	65.61	
32 93 33 00-0540	EA	24" To 30" Rhododendron - Hybrid Rhododendron	89.36	
32 93 33 00-0541	EA	30" To 36" Rhododendron - Hybrid Rhododendron	104.25	
32 93 33 00-0542	EA	36" To 42" Rhododendron - Hybrid Rhododendron	149.07	
32 93 33 00-0543	EA	42" To 48" Rhododendron - Hybrid Rhododendron	184.75	
32 93 33 00-0544	EA	15" To 18" Rhododendron - Pjm Rhododendron	53.67	
32 93 33 00-0545	EA	18" To 24" Rhododendron - Pjm Rhododendron	65.61	
32 93 33 00-0546	EA	2' To 2-1/2' Rhododendron - Pjm Rhododendron	95.40	
32 93 33 00-0547	EA	2-1/2 To 3' Rhododendron - Pjm Rhododendron	122.23	
32 93 33 00-0548	EA	3' To 3-1/2' Rhododendron - Pjm Rhododendron	149.07	
32 93 33 00-0549	EA	12" To 15" Rhododendron - Torch Azalea	41.73	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0550	EA	15" To 18" Rhododendron - Torch Azalea	50.16	
32 93 33 00-0551	EA	18" To 24" Rhododendron - Torch Azalea	62.52	
32 93 33 00-0552	EA	2' To 3' Rhododendron - Torch Azalea	104.25	
32 93 33 00-0553	EA	3 Gallon Rhododendron cvs - Lepidote Rhododendron	47.08	
32 93 33 00-0554	EA	5 Gallon Rhododendron cvs - Lepidote Rhododendron	57.54	
32 93 33 00-0555	EA	18" Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron	70.62	
32 93 33 00-0556	EA	24" Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron	88.93	
32 93 33 00-0557	EA	30" Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron	104.63	
32 93 33 00-0558	EA	36" Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron	125.55	
32 93 33 00-0559	EA	1 Gallon Rhus glabra - Dwarf Smooth Sumac	13.49	
32 93 33 00-0560	EA	5 Gallon Rhus glabra - Dwarf Smooth Sumac	37.37	
32 93 33 00-0561	EA	2 Gallon Rhus aromatica & cvs - Fragrant Sumac	31.39	
32 93 33 00-0562	EA	5 Gallon Rhus aromatica & cvs - Fragrant Sumac	43.16	
32 93 33 00-0563	EA	18" Balled and Burlapped, Rhus aromatica & cvs - Fragrant Sumac	49.70	
32 93 33 00-0564	EA	24" Balled and Burlapped, Rhus aromatica & cvs - Fragrant Sumac	65.39	
32 93 33 00-0565	EA	36" Balled and Burlapped, Rhus glabra - Smooth Sumac	39.23	
32 93 33 00-0566	EA	48" Balled and Burlapped, Rhus typhina & cvs - Staghorn Sumac	65.39	
32 93 33 00-0567	EA	72" Balled and Burlapped, Rhus typhina & cvs - Staghorn Sumac	104.63	
32 93 33 00-0568	EA	15" Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant	35.31	
32 93 33 00-0569	EA	18" Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant	40.54	
32 93 33 00-0570	EA	24" Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant	58.85	
32 93 33 00-0571	EA	30" Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant	78.47	
32 93 33 00-0572	EA	1 Gallon Rosa hybrids & cvs - Shrub Rose	21.58	
32 93 33 00-0573	EA	2 Gallon Rosa hybrids & cvs - Shrub Rose	26.16	
32 93 33 00-0574	EA	3 Gallon Rosa hybrids & cvs - Shrub Rose	32.70	
32 93 33 00-0575	EA	2 Gallon Rosa rugosa & cvs - Rugosa Rose	23.54	
32 93 33 00-0576	EA	3 Gallon Rosa rugosa & cvs - Rugosa Rose	30.08	
32 93 33 00-0577	EA	5 Gallon Sambucus canadensis - American Elder	43.16	
32 93 33 00-0578	EA	2 Gallon Sarcococca hookeriana humilis - Himalayan Sarcococca	19.39	
32 93 33 00-0579	EA	3 Gallon Sarcococca hookeriana humilis - Himalayan Sarcococca	28.38	
32 93 33 00-0580	EA	1 Gallon Sarcococca humilis - Fragrant Sarcococca	10.54	
32 93 33 00-0581	EA	5 Gallon Sarcococca humilis - Fragrant Sarcococca	27.54	
32 93 33 00-0582	EA	5 Gallon Senna artemisioides - Feathery Cassia	32.43	
32 93 33 00-0583	EA	15 Gallon Senna artemisioides - Feathery Cassia	129.04	
32 93 33 00-0584	EA	24" Box Senna artemisioides - Feathery Cassia	405.36	
32 93 33 00-0585	EA	1 Gallon Skimmia japonica - Japanese Skimmia	13.49	
32 93 33 00-0586	EA	2 Gallon Skimmia japonica - Japanese Skimmia	26.83	
32 93 33 00-0587	EA	5 Gallon Skimmia japonica - Japanese Skimmia	43.27	
32 93 33 00-0588	EA	3' To 4' Spiraea - Garland Spirea	62.52	
32 93 33 00-0589	EA	4' To 5' Spiraea - Garland Spirea	95.40	
32 93 33 00-0590	EA	5 Gallon Spiraea - Snowmound Spirea	37.37	
32 93 33 00-0591	EA	18" To 24" Spiraea - Snowmound Spirea	30.63	
32 93 33 00-0592	EA	2' To 3' Spiraea - Snowmound Spirea	43.27	
32 93 33 00-0593	EA	3' To 4' Spiraea - Snowmound Spirea	50.16	
32 93 33 00-0594	EA	4' To 5' Spiraea - Snowmound Spirea	86.40	
32 93 33 00-0595	EA	1 Gallon Spiraea japonica & cvs - Japanese Spirea	13.49	
32 93 33 00-0596	EA	2 Gallon Spiraea japonica & cvs - Japanese Spirea	26.55	
32 93 33 00-0597	EA	3 Gallon Spiraea japonica & cvs - Japanese Spirea	30.73	
32 93 33 00-0598	EA	5 Gallon Spiraea japonica & cvs - Japanese Spirea	33.35	
32 93 33 00-0599	EA	18" Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea	34.00	
32 93 33 00-0600	EA	24" Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea	39.23	
32 93 33 00-0601	EA	30" Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea	44.47	
32 93 33 00-0602	EA	36" Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea	51.66	
32 93 33 00-0603	EA	2 Gallon Spiraea nipponica & cvs - Nippon Spiraea	20.93	
32 93 33 00-0604	EA	5 Gallon Spiraea nipponica & cvs - Nippon Spiraea	31.39	
32 93 33 00-0605	EA	18" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea	28.77	
32 93 33 00-0606	EA	24" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea	34.00	
32 93 33 00-0607	EA	30" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea	39.23	
32 93 33 00-0608	EA	36" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea	44.47	
32 93 33 00-0609	EA	48" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea	57.54	
32 93 33 00-0610	EA	1 Gallon Spiraea x bumalda & cvs - Bumalda Spirea	13.49	
32 93 33 00-0611	EA	2 Gallon Spiraea x bumalda & cvs - Bumalda Spirea	24.19	
32 93 33 00-0612	EA	4 Gallon Spiraea x bumalda & cvs - Bumalda Spirea	31.39	
32 93 33 00-0613	EA	18" Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea	27.46	
32 93 33 00-0614	EA	24" Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea	33.35	
32 93 33 00-0615	EA	30" Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea	39.23	
32 93 33 00-0616	EA	36" Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea	44.47	
32 93 33 00-0617	EA	5 Gallon Spiraea x vanhouttei & cvs - Vanhoutte Spirea	31.39	
32 93 33 00-0618	EA	18" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	31.39	
32 93 33 00-0619	EA	24" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	36.62	
32 93 33 00-0620	EA	30" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	49.70	
32 93 33 00-0621	EA	36" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	57.54	
32 93 33 00-0622	EA	42" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	68.01	
32 93 33 00-0623	EA	5 Gallon Staphylea trifolia - Bladdernut	44.15	
32 93 33 00-0624	EA	2 Gallon Stephanandra incisa & cvs - Cutleaf Stephanadra	31.39	
32 93 33 00-0625	EA	5 Gallon Stephanandra incisa & cvs - Cutleaf Stephanadra	34.00	
32 93 33 00-0626	EA	24" Balled and Burlapped, Stephanandra incisa & cvs - Cutleaf Stephanadra	39.23	
32 93 33 00-0627	EA	30" Balled and Burlapped, Stephanandra incisa & cvs - Cutleaf Stephanadra	47.08	
32 93 33 00-0628	EA	2 Gallon Symphoricarpos albus - Common Snowberry	32.70	
32 93 33 00-0629	EA	5 Gallon Symphoricarpos albus - Common Snowberry	34.66	
32 93 33 00-0630	EA	24" Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac	57.54	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0631	EA	30" Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac	71.93	
32 93 33 00-0632	EA	36" Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac	83.70	
32 93 33 00-0633	EA	42" Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac	96.78	
32 93 33 00-0634	EA	18" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	57.54	
32 93 33 00-0635	EA	24" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	62.78	
32 93 33 00-0636	EA	30" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	71.93	
32 93 33 00-0637	EA	36" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	83.70	
32 93 33 00-0638	EA	42" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	96.78	
32 93 33 00-0639	EA	60" Balled and Burlapped, Syringa villosa & cvs - Late Lilac	45.77	
32 93 33 00-0640	EA	72" Balled and Burlapped, Syringa villosa & cvs - Late Lilac	49.70	
32 93 33 00-0641	EA	36" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	39.23	
32 93 33 00-0642	EA	42' Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	44.47	
32 93 33 00-0643	EA	48" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	49.70	
32 93 33 00-0644	EA	60" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	57.54	
32 93 33 00-0645	EA	72" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	70.62	
32 93 33 00-0646	EA	5 Gallon Syringa x chinensis & cvs - Chinese Lilac	32.70	
32 93 33 00-0647	EA	36" Balled and Burlapped, Syringa x hyacinthiflora & cvs - Hybrid Lilac	37.93	
32 93 33 00-0648	EA	48" Balled and Burlapped, Syringa x hyacinthiflora & cvs - Hybrid Lilac	49.70	
32 93 33 00-0649	EA	48" Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew	207.94	
32 93 33 00-0650	EA	54" Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew	232.79	
32 93 33 00-0651	EA	60" Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew	256.33	
32 93 33 00-0652	EA	72" Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew	308.65	
32 93 33 00-0653	EA	18" Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	54.93	
32 93 33 00-0654	EA	24" Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	71.93	
32 93 33 00-0655	EA	30" Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	83.70	
32 93 33 00-0656	EA	36" Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	91.55	
32 93 33 00-0657	EA	15" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	54.93	
32 93 33 00-0658	EA	18" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	71.93	
32 93 33 00-0659	EA	24" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	85.01	
32 93 33 00-0660	EA	30" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	100.70	
32 93 33 00-0661	EA	36" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	151.71	
32 93 33 00-0662	EA	36" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	83.70	
32 93 33 00-0663	EA	48" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	112.47	
32 93 33 00-0664	EA	60" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	170.02	
32 93 33 00-0665	EA	72" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	248.49	
32 93 33 00-0666	EA	84" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	285.11	
32 93 33 00-0667	EA	96" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	330.88	
32 93 33 00-0668	EA	15" Balled and Burlapped, Thuja occidentalis cvs - Dwarf Arborvitae	36.62	
32 93 33 00-0669	EA	18" Balled and Burlapped, Thuja occidentalis cvs - Dwarf Arborvitae	51.01	
32 93 33 00-0670	EA	24" Balled and Burlapped, Thuja occidentalis cvs - Dwarf Arborvitae	71.93	
32 93 33 00-0671	EA	3' To 4' Viburnum dilatatum - Linden Viburnum	62.52	
32 93 33 00-0672	EA	4' To 5' Viburnum dilatatum - Linden Viburnum	95.40	
32 93 33 00-0673	EA	5' To 6' Viburnum dilatatum - Linden Viburnum	125.18	
32 93 33 00-0674	EA	1 Gallon Viburnum japonicum - Japanese Viburnum	7.59	
32 93 33 00-0675	EA	3 Gallon Viburnum japonicum - Japanese Viburnum	20.79	
32 93 33 00-0676	EA	5 Gallon Viburnum plicatum - Japanese Snowball	37.37	
32 93 33 00-0677	EA	5' To 6' Viburnum plicatum - Japanese Snowball	140.08	
32 93 33 00-0678	EA	2' To 3' Viburnum rhytidophyllum - Leatherleaf Viburnum	65.61	
32 93 33 00-0679	EA	3' To 4' Viburnum rhytidophyllum - Leatherleaf Viburnum	77.41	
32 93 33 00-0680	EA	4' To 5' Viburnum rhytidophyllum - Leatherleaf Viburnum	108.89	
32 93 33 00-0681	EA	30" Balled and Burlapped, Viburnum burkwoodii & cvs - Burkwood Viburnum	71.93	
32 93 33 00-0682	EA	36" Balled and Burlapped, Viburnum burkwoodii & cvs - Burkwood Viburnum	86.32	
32 93 33 00-0683	EA	24" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum	65.39	
32 93 33 00-0684	EA	30" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum	78.47	
32 93 33 00-0685	EA	36" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum	91.55	
32 93 33 00-0686	EA	42" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum	104.63	
32 93 33 00-0687	EA	36" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	36.62	
32 93 33 00-0688	EA	42" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	39.23	
32 93 33 00-0689	EA	48" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	45.77	
32 93 33 00-0690	EA	60" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	52.31	
32 93 33 00-0691	EA	72" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	57.54	
32 93 33 00-0692	EA	30" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	35.31	
32 93 33 00-0693	EA	36" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	39.23	
32 93 33 00-0694	EA	42" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	49.70	
32 93 33 00-0695	EA	48" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	57.54	
32 93 33 00-0696	EA	60" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	78.47	
32 93 33 00-0697	EA	72" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	94.16	
32 93 33 00-0698	EA	36" Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	39.23	
32 93 33 00-0699	EA	48" Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	52.31	
32 93 33 00-0700	EA	5' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	65.39	
32 93 33 00-0701	EA	6' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	91.55	
32 93 33 00-0702	EA	7' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	130.78	
32 93 33 00-0703	EA	8' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	183.10	
32 93 33 00-0704	EA	9' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	235.41	
32 93 33 00-0705	EA	30" Balled and Burlapped, Viburnum plicatum tomentosum & cvs - Doublefile Viburnum	47.08	
32 93 33 00-0706	EA	36" Balled and Burlapped, Viburnum plicatum tomentosum & cvs - Doublefile Viburnum	52.31	
32 93 33 00-0707	EA	36" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	94.16	
32 93 33 00-0708	EA	48" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	143.86	
32 93 33 00-0709	EA	60" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	183.10	
32 93 33 00-0710	EA	72" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	222.33	
32 93 33 00-0711	EA	84" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	274.64	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0712	EA	96" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	326.96	
32 93 33 00-0713	EA	108" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	392.35	
32 93 33 00-0714	EA	120" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	457.74	
32 93 33 00-0715	EA	30" Balled and Burlapped, Viburnum sargenti & cvs - Sargent Viburnum	39.89	
32 93 33 00-0716	EA	36" Balled and Burlapped, Viburnum sargenti & cvs - Sargent Viburnum	43.81	
32 93 33 00-0717	EA	48" Balled and Burlapped, Viburnum sargenti & cvs - Sargent Viburnum	49.70	
32 93 33 00-0718	EA	60" Balled and Burlapped, Viburnum sargenti & cvs - Sargent Viburnum	57.54	
32 93 33 00-0719	EA	72" Balled and Burlapped, Viburnum sargenti & cvs - Sargent Viburnum	66.05	
32 93 33 00-0720	EA	18" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	37.93	
32 93 33 00-0721	EA	24" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	45.77	
32 93 33 00-0722	EA	30" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	54.93	
32 93 33 00-0723	EA	36" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	62.78	
32 93 33 00-0724	EA	42" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	75.85	
32 93 33 00-0725	EA	48" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	83.70	
32 93 33 00-0726	EA	30" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	65.39	
32 93 33 00-0727	EA	36" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	78.47	
32 93 33 00-0728	EA	42" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	91.55	
32 93 33 00-0729	EA	48" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	104.63	
32 93 33 00-0730	EA	60" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	117.70	
32 93 33 00-0731	EA	30" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum	83.70	
32 93 33 00-0732	EA	36" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum	94.16	
32 93 33 00-0733	EA	42" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum	107.24	
32 93 33 00-0734	EA	48" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum	122.94	
32 93 33 00-0735	EA	2' To 3' Viburum opulus "Roseum" - Fragrant Snowball	77.41	
32 93 33 00-0736	EA	3' To 4' Viburum opulus "Roseum" - Fragrant Snowball	95.40	
32 93 33 00-0737	EA	4' To 5' Viburum opulus "Roseum" - Fragrant Snowball	140.08	
32 93 33 00-0738	EA	5 Gallon Weigela florida & cvs - Old Fashioned Weigela	43.16	
32 93 33 00-0739	EA	24" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	39.23	
32 93 33 00-0740	EA	30" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	44.47	
32 93 33 00-0741	EA	36" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	49.70	
32 93 33 00-0742	EA	42" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	57.54	
32 93 33 00-0743	EA	48" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	65.39	
32 93 33 00-0744	EA	1 Gallon Xylosma congestum - Shiny Xylosma	8.99	
32 93 33 00-0745	EA	5 Gallon Xylosma congestum - Shiny Xylosma	25.43	
32 93 33 00-0746	EA	15 Gallon Xylosma congestum - Shiny Xylosma	111.83	
32 93 33 00-0747	EA	1 Gallon Yucca aloifolia - Spanish Bayonet	7.59	
32 93 33 00-0748	EA	3 Gallon Yucca aloifolia - Spanish Bayonet	20.09	
32 93 33 00-0749	EA	1 Gallon Yucca filamentosa - Adams Needle	10.54	
32 93 33 00-0750	EA	3 Gallon Yucca filamentosa - Adams Needle	20.51	
32 93 33 00-0751	EA	5 Gallon Yucca filamentosa - Adams Needle	32.46	
32 93 33 00-0752	EA	3' Juniperus chinensis - Columnar Chinese Juniper	76.70	
32 93 33 00-0753	EA	4' Juniperus chinensis - Columnar Chinese Juniper	105.28	
32 93 33 00-0754	EA	5' Juniperus chinensis - Columnar Chinese Juniper	165.44	
32 93 33 00-0755	EA	6' Juniperus chinensis - Columnar Chinese Juniper	192.51	
32 93 33 00-0756	EA	7' Juniperus chinensis - Columnar Chinese Juniper	252.67	
32 93 33 00-0757	EA	2 Gallon Chrysobalanus icaco - Cocoplum Red Tip	15.04	
32 93 33 00-0758	EA	3 Gallon Chrysobalanus icaco - Cocoplum Red Tip	21.06	
32 93 33 00-0759	EA	5 Gallon Chrysobalanus icaco - Cocoplum Red Tip	50.99	
32 93 33 00-0760	EA	2 Gallon Chrysobalanus icaco - Cocoplum Green Tip	15.04	
32 93 33 00-0761	EA	3 Gallon Chrysobalanus icaco - Cocoplum Green Tip	21.06	

32 93 43 Trees *(32 93)*

Note: (cvs = cultivar or cultivated varities) materials only. See CSI section 32 93 83 00-0001 for installation and planting of trees.

32 93 43 00-0001 Deciduous Ornamental Trees *(32 93 43)*

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0002	EA	6' Clump Form Acer ginnala & cvs - Amur Maple	287.06	
32 93 43 00-0003	EA	7' Clump Form Acer ginnala & cvs - Amur Maple	350.85	
32 93 43 00-0004	EA	8' Clump Form Acer ginnala & cvs - Amur Maple	398.70	
32 93 43 00-0005	EA	10' Clump Form Acer ginnala & cvs - Amur Maple	462.49	
32 93 43 00-0006	EA	12' Clump Form Acer ginnala & cvs - Amur Maple	526.28	
32 93 43 00-0007	EA	14' Clump Form Acer ginnala & cvs - Amur Maple	621.97	
32 93 43 00-0008	EA	1-1/2" To 2" Caliper Acer griseum - Paperbark Maple	285.63	
32 93 43 00-0009	EA	2" To 2-1/2" Caliper Acer griseum - Paperbark Maple	1,020.66	
32 93 43 00-0010	EA	2-1/2" To 3" Caliper Acer griseum - Paperbark Maple	1,275.83	
32 93 43 00-0011	EA	5' Clump Form Acer griseum - Paperbark Maple	255.17	
32 93 43 00-0012	EA	1-1/2" Caliper Aesculus californica - California Buckeye	637.91	
32 93 43 00-0013	EA	2" Caliper Aesculus californica - California Buckeye	829.29	
32 93 43 00-0014	EA	2-1/2" Caliper Aesculus californica - California Buckeye	956.87	
32 93 43 00-0015	EA	3" Caliper Aesculus californica - California Buckeye	1,084.45	
32 93 43 00-0016	EA	3-1/2" Caliper Aesculus californica - California Buckeye	1,275.83	
32 93 43 00-0017	EA	36" Balled and Burlapped, Amelanchier alnifolia & cvs - Saskatoon Serviceberry	104.63	
32 93 43 00-0018	EA	48" Balled and Burlapped, Amelanchier alnifolia & cvs - Saskatoon Serviceberry	130.78	
32 93 43 00-0019	EA	60" Balled and Burlapped, Amelanchier alnifolia & cvs - Saskatoon Serviceberry	162.17	
32 93 43 00-0020	EA	60" Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry	130.78	
32 93 43 00-0021	EA	72" Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry	156.94	
32 93 43 00-0022	EA	7' Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry	183.10	
32 93 43 00-0023	EA	8' Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry	209.25	
32 93 43 00-0024	EA	5' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	235.41	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0025	EA	6' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	261.57	
32 93 43 00-0026	EA	7' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	300.80	
32 93 43 00-0027	EA	8' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	340.03	
32 93 43 00-0028	EA	9' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	392.35	
32 93 43 00-0029	EA	7' Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry	300.80	
32 93 43 00-0030	EA	8' Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry	353.11	
32 93 43 00-0031	EA	9' Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry	405.43	
32 93 43 00-0032	EA	10' Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry	444.66	
32 93 43 00-0033	EA	30" Balled and Burlapped, Amelanchier stolonifera & cvs - Running Serviceberry	104.63	
32 93 43 00-0034	EA	48" Balled and Burlapped, Amelanchier stolonifera & cvs - Running Serviceberry	222.33	
32 93 43 00-0035	EA	60" Balled and Burlapped, Amelanchier stolonifera & cvs - Running Serviceberry	287.72	
32 93 43 00-0036	EA	2' To 4' Amelemchier - Juneberry	31.85	
32 93 43 00-0037	EA	4' To 5' Amelemchier - Juneberry	33.41	
32 93 43 00-0038	EA	5' To 6' Amelemchier - Juneberry	39.78	
32 93 43 00-0039	EA	6' To 8' Amelemchier - Juneberry	47.46	
32 93 43 00-0040	EA	15 Gallon Chilopsis linearis - Desert Willow	69.77	
32 93 43 00-0041	EA	24" Box Chilopsis linearis - Desert Willow	224.68	
32 93 43 00-0042	EA	36" Box Chilopsis linearis - Desert Willow	591.26	
32 93 43 00-0043	EA	15 Gallon Chionanthus retusus - Chinese Fringe Tree	69.77	
32 93 43 00-0044	EA	24" Box Chionanthus retusus - Chinese Fringe Tree	189.20	
32 93 43 00-0045	EA	36" Box Chionanthus retusus - Chinese Fringe Tree	650.38	
32 93 43 00-0046	EA	1 Gallon Handroanthus impetiginosus (Tabebuia avellanedae) - Pink Trumpet Tree	11.71	
32 93 43 00-0047	EA	5 Gallon Handroanthus impetiginosus (Tabebuia avellanedae) - Pink Trumpet Tree	28.97	
32 93 43 00-0048	EA	15 Gallon Handroanthus impetiginosus (Tabebuia avellanedae) - Pink Trumpet Tree	93.42	
32 93 43 00-0049	EA	1 Gallon Jacaranda mimosifolia - Jacaranda	7.69	
32 93 43 00-0050	EA	5 Gallon Jacaranda mimosifolia - Jacaranda	21.29	
32 93 43 00-0051	EA	15 Gallon Jacaranda mimosifolia - Jacaranda	57.94	
32 93 43 00-0052	EA	24" Box Jacaranda mimosifolia - Jacaranda	189.20	
32 93 43 00-0053	EA	36" Box Jacaranda mimosifolia - Jacaranda	532.13	
32 93 43 00-0054	EA	1 Gallon Koelreuteria bipinnata - Chinese Flame Tree	7.69	
32 93 43 00-0055	EA	5 Gallon Koelreuteria bipinnata - Chinese Flame Tree	21.29	
32 93 43 00-0056	EA	15 Gallon Koelreuteria bipinnata - Chinese Flame Tree	69.77	
32 93 43 00-0057	EA	5 Gallon Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	29.68	
32 93 43 00-0058	EA	15 Gallon Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	125.09	
32 93 43 00-0059	EA	24" Box Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	339.22	
32 93 43 00-0060	EA	36" Box Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	954.04	
32 93 43 00-0061	EA	48" Box Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	2,438.12	
32 93 43 00-0062	EA	5 Gallon Liquidambar styraciflua 'Festival' - Festival Sweetgum	29.68	
32 93 43 00-0063	EA	15 Gallon Liquidambar styraciflua 'Festival' - Festival Sweetgum	125.09	
32 93 43 00-0064	EA	24" Box Liquidambar styraciflua 'Festival' - Festival Sweetgum	339.22	
32 93 43 00-0065	EA	36" Box Liquidambar styraciflua 'Festival' - Festival Sweetgum	954.04	
32 93 43 00-0066	EA	48" Box Liquidambar styraciflua 'Festival' - Festival Sweetgum	2,438.12	
32 93 43 00-0067	EA	5 Gallon Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	29.68	
32 93 43 00-0068	EA	15 Gallon Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	125.09	
32 93 43 00-0069	EA	24" Box Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	339.22	
32 93 43 00-0070	EA	36" Box Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	954.04	
32 93 43 00-0071	EA	48" Box Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	2,438.12	
32 93 43 00-0072	EA	15 Gallon Macadamia integrifolia - Smoothshell macadamia	177.38	
32 93 43 00-0073	EA	2' To 3' Magnolia Virginiana - Sweetbay Magnolia	60.45	
32 93 43 00-0074	EA	3' To 4' Magnolia Virginiana - Sweetbay Magnolia	90.67	
32 93 43 00-0075	EA	4' To 5' Magnolia Virginiana - Sweetbay Magnolia	113.34	
32 93 43 00-0076	EA	5' To 6' Magnolia Virginiana - Sweetbay Magnolia	141.16	
32 93 43 00-0077	EA	4' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	239.22	
32 93 43 00-0078	EA	5' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	318.96	
32 93 43 00-0079	EA	6' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	414.64	
32 93 43 00-0080	EA	7' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	462.49	
32 93 43 00-0081	EA	8' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	558.17	
32 93 43 00-0082	EA	9' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	621.97	
32 93 43 00-0083	EA	4' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	239.22	
32 93 43 00-0084	EA	5' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	318.96	
32 93 43 00-0085	EA	6' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	414.64	
32 93 43 00-0086	EA	7' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	462.49	
32 93 43 00-0087	EA	8' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	558.17	
32 93 43 00-0088	EA	9' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	621.97	
32 93 43 00-0089	EA	1 Gallon Melaleuca saligna (Callistemon salignus) - White Bottle Brush	6.80	
32 93 43 00-0090	EA	5 Gallon Melaleuca saligna (Callistemon salignus) - White Bottle Brush	32.52	
32 93 43 00-0091	EA	15 Gallon Melaleuca saligna (Callistemon salignus) - White Bottle Brush	56.17	
32 93 43 00-0092	EA	15 Gallon Melia azedarach - China Berry	67.39	
32 93 43 00-0093	EA	24" Box Melia azedarach - China Berry	222.30	
32 93 43 00-0094	EA	1 Gallon Pittosporum undulatum - Victorian Box	25.79	
32 93 43 00-0095	EA	5 Gallon Pittosporum undulatum - Victorian Box	55.56	
32 93 43 00-0096	EA	15 Gallon Pittosporum undulatum - Victorian Box	313.50	
32 93 43 00-0097	EA	24" Box Pittosporum undulatum - Victorian Box	754.00	
32 93 43 00-0098	EA	36" Box Pittosporum undulatum - Victorian Box	2,182.62	
32 93 43 00-0099	EA	48" Box Pittosporum undulatum - Victorian Box	4,960.50	
32 93 43 00-0100	EA	5 Gallon Platanus Racemosa - California Sycamore	21.29	
32 93 43 00-0101	EA	15 Gallon Platanus Racemosa - California Sycamore	57.94	
32 93 43 00-0102	EA	24" Box Platanus Racemosa - California Sycamore	189.20	
32 93 43 00-0103	EA	36" Box Platanus Racemosa - California Sycamore	532.13	
32 93 43 00-0104	EA	1 Gallon Platanus racemosa, Multi Trunk - Western Sycamore	6.82	
32 93 43 00-0105	EA	5 Gallon Platanus racemosa, Multi Trunk - Western Sycamore	28.89	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0106	EA	20 Gallon Prunus subhirtella - Flowering Cherry	394.55	
32 93 43 00-0107	EA	1-1/2" To 2" Caliper Prunus subhirtella - Flowering Cherry	407.84	
32 93 43 00-0108	EA	2" To 2-1/2" Caliper Prunus subhirtella - Flowering Cherry	509.75	
32 93 43 00-0109	EA	3-1/2" To 4" Caliper Prunus subhirtella - Flowering Cherry	1,063.80	
32 93 43 00-0110	EA	3" To 3-1/2" Caliper Prunus subhirtella - Flowering Cherry	819.90	
32 93 43 00-0111	EA	4" To 5" Caliper Prunus subhirtella - Flowering Cherry	1,595.70	
32 93 43 00-0112	EA	5 Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	101.91	
32 93 43 00-0113	EA	15 Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	279.14	
32 93 43 00-0114	EA	20 Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	363.53	
32 93 43 00-0115	EA	5' To 6' Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	115.20	
32 93 43 00-0116	EA	6' To 8' Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	221.54	
32 93 43 00-0117	EA	1-1/2" To 2" Caliper Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	407.84	
32 93 43 00-0118	EA	2" To 2-1/2" Caliper Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	487.59	
32 93 43 00-0119	EA	1-1/2" To 1-3/4" Caliper Prunus subhirtella - Weeping Cherry	319.23	
32 93 43 00-0120	EA	1-1/4" To 1-1/2" Caliper Prunus subhirtella - Weeping Cherry	265.84	
32 93 43 00-0121	EA	1-3/4" To 2" Caliper Prunus subhirtella - Weeping Cherry	389.90	
32 93 43 00-0122	EA	2" To 2-1/2" Caliper Prunus subhirtella - Weeping Cherry	465.44	
32 93 43 00-0123	EA	2-1/2" To 3" Caliper Prunus subhirtella - Weeping Cherry	598.36	
32 93 43 00-0124	EA	15 Gallon Pyrus Calleryana x 'Aristocrat' - Flowering Pear	308.04	
32 93 43 00-0125	EA	20 Gallon Pyrus Calleryana x 'Aristocrat' - Flowering Pear	385.05	
32 93 43 00-0126	EA	1-1/2" To 2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	400.45	
32 93 43 00-0127	EA	2" To 2-1/2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	477.46	
32 93 43 00-0128	EA	2-1/2" To 3" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	646.89	
32 93 43 00-0129	EA	3" To 3-1/2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	847.12	
32 93 43 00-0130	EA	3-1/2" To 4" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	1,078.14	
32 93 43 00-0131	EA	15 Gallon Pyrus Calleryana x "Bradford" - Flowering Pear	308.04	
32 93 43 00-0132	EA	20 Gallon Pyrus Calleryana x "Bradford" - Flowering Pear	385.05	
32 93 43 00-0133	EA	1-1/2" To 2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	261.84	
32 93 43 00-0134	EA	2" To 2-1/2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	400.45	
32 93 43 00-0135	EA	2-1/2" To 3" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	477.05	
32 93 43 00-0136	EA	3" To 3-1/2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	646.89	
32 93 43 00-0137	EA	3-1/2" To 4" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	847.12	
32 93 43 00-0138	EA	5 Gallon Pyrus calleryana 'Chanticleer' - Chanticleer Flowering Pear	26.28	
32 93 43 00-0139	EA	15 Gallon Pyrus calleryana 'Chanticleer' - Chanticleer Flowering Pear	68.32	
32 93 43 00-0140	EA	24" Box Pyrus calleryana 'Chanticleer' - Chanticleer Flowering Pear	236.50	
32 93 43 00-0141	EA	36" Box Pyrus calleryana 'Chanticleer' - Chanticleer Flowering Pear	630.67	
32 93 43 00-0142	EA	1-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	561.11	
32 93 43 00-0143	EA	2" Caliper Pyrus calleryana & cvs - Callery Pear	701.39	
32 93 43 00-0144	EA	2-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	869.73	
32 93 43 00-0145	EA	3" Caliper Pyrus calleryana & cvs - Callery Pear	981.95	
32 93 43 00-0146	EA	3-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	1,094.17	
32 93 43 00-0147	EA	4" Caliper Pyrus calleryana & cvs - Callery Pear	1,402.78	
32 93 43 00-0148	EA	5 Gallon Quercus kelloggii - California Black Oak	53.21	
32 93 43 00-0149	EA	15 Gallon Quercus kelloggii - California Black Oak	94.60	
32 93 43 00-0150	EA	1 Gallon Quercus lobata - Valley Oak	10.63	
32 93 43 00-0151	EA	5 Gallon Quercus lobata - Valley Oak	31.92	
32 93 43 00-0152	EA	15 Gallon Quercus lobata - Valley Oak	95.77	
32 93 43 00-0153	EA	1 Gallon Ribes aureum - Golden Current	5.97	
32 93 43 00-0154	EA	5 Gallon Ribes aureum - Golden Current	17.07	
32 93 43 00-0155	EA	1 Gallon Ribes sanguineum - Red Flowering Currant	5.97	
32 93 43 00-0156	EA	5 Gallon Ribes sanguineum - Red Flowering Currant	17.07	
32 93 43 00-0157	EA	1 Gallon Ribes viburnifolium - Evergreen Currant	5.97	
32 93 43 00-0158	EA	5 Gallon Ribes viburnifolium - Evergreen Currant	17.07	
32 93 43 00-0159	EA	8' Cassia leptophlia - Gold Medallion Tree	413.23	
32 93 43 00-0160	EA	10' Cassia leptophlia - Gold Medallion Tree	524.49	
32 93 43 00-0161	EA	12' Cassia leptophlia - Gold Medallion Tree	635.74	
32 93 43 00-0162	EA	5 Gallon Celtis Sinensis - Chinese Hackberry	46.64	
32 93 43 00-0163	EA	15 Gallon Celtis Sinensis - Chinese Hackberry	122.97	
32 93 43 00-0164	EA	24" Box Celtis Sinensis - Chinese Hackberry	402.82	
32 93 43 00-0165	EA	36" Box Celtis Sinensis - Chinese Hackberry	1,176.66	
32 93 43 00-0166	EA	15 Gallon Cercis canadensis - American Redbud, Eastern Redbud	93.42	
32 93 43 00-0167	EA	24" Box Cercis canadensis - American Redbud, Eastern Redbud	224.68	
32 93 43 00-0168	EA	36" Box Cercis canadensis - American Redbud, Eastern Redbud	591.26	
32 93 43 00-0169	EA	1 Gallon Cercis occidentalis - Western Redbud	7.69	
32 93 43 00-0170	EA	5 Gallon Cercis occidentalis - Western Redbud	28.97	
32 93 43 00-0171	EA	15 Gallon Cercis occidentalis - Western Redbud	93.42	
32 93 43 00-0172	EA	24" Box Cercis occidentalis - Western Redbud	224.68	
32 93 43 00-0173	EA	36" Box Cercis occidentalis - Western Redbud	650.38	
32 93 43 00-0174	EA	1 Gallon Chitalpa tashkentensis - Chitalpa	5.32	
32 93 43 00-0175	EA	5 Gallon Chitalpa tashkentensis - Chitalpa	16.56	
32 93 43 00-0176	EA	15 Gallon Chitalpa tashkentensis - Chitalpa	57.94	
32 93 43 00-0177	EA	24" Box Chitalpa tashkentensis - Chitalpa	189.20	
32 93 43 00-0178	EA	36" Box Chitalpa tashkentensis - Chitalpa	532.13	
32 93 43 00-0179	EA	6' Magnolia grandiflora 'St. Mary's'	476.80	
32 93 43 00-0180	EA	8' Magnolia grandiflora 'St. Mary's'	842.36	
32 93 43 00-0181	EA	10' Magnolia grandiflora 'St. Mary's'	1,058.51	
32 93 43 00-0182	EA	12' Magnolia grandiflora 'St. Mary's'	1,271.48	
32 93 43 00-0183	EA	14' Magnolia grandiflora 'St. Mary's'	1,478.10	
32 93 43 00-0184	EA	16' Magnolia grandiflora 'St. Mary's'	1,748.28	
32 93 43 00-0185	EA	24" Box Magnolia grandiflora 'St. Mary's'	524.49	
32 93 43 00-0186	EA	6' Prunus cerasifera - Purple Leaf Plum	247.94	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0187	EA	8' Prunus cerasifera - Purple Leaf Plum	286.08	
32 93 43 00-0188	EA	10' Prunus cerasifera - Purple Leaf Plum	368.73	
32 93 43 00-0189	EA	24" Box Prunus cerasifera - Purple Leaf Plum	392.57	
32 93 43 00-0190	EA	30" Box Prunus cerasifera - Purple Leaf Plum	794.68	
32 93 43 00-0191	EA	36" Box Prunus cerasifera - Purple Leaf Plum	1,219.03	
32 93 43 00-0192	EA	6' Pittosporum phillyraeoides - Willow Pittorporum	518.13	
32 93 43 00-0193	EA	8' Pittosporum phillyraeoides - Willow Pittorporum	740.64	
32 93 43 00-0194	EA	10' Pittosporum phillyraeoides - Willow Pittorporum	886.86	
32 93 43 00-0195	EA	12' Pittosporum phillyraeoides - Willow Pittorporum	1,144.33	
32 93 43 00-0196	EA	6' Stenocarpus sinuatus - Firewheel Tree	762.89	
32 93 43 00-0197	EA	8' Stenocarpus sinuatus - Firewheel Tree	1,017.18	
32 93 43 00-0198	EA	10" Stenocarpus sinuatus - Firewheel Tree	1,271.48	
32 93 43 00-0199	EA	12' Stenocarpus sinuatus - Firewheel Tree	1,525.78	
32 93 43 00-0200	EA	24" Box Handroanthus impetiginosus (Tabebuia avellanedae) - Pink Trumpet Tree	754.00	
32 93 43 00-0201	EA	36" Box Handroanthus impetiginosus (Tabebuia avellanedae) - Pink Trumpet Tree	2,182.62	
32 93 43 00-0202	EA	1-1/2" Caliper Arbutus menziesii - Madrona	552.82	
32 93 43 00-0203	EA	2" Caliper Arbutus menziesii - Madrona	718.66	
32 93 43 00-0204	EA	2-1/2" Caliper Arbutus menziesii - Madrona	829.23	
32 93 43 00-0205	EA	3" Caliper Arbutus menziesii - Madrona	939.79	
32 93 43 00-0206	EA	3-1/2" Caliper Arbutus menziesii - Madrona	1,105.63	
32 93 43 00-0207	EA	1 Gallon Arbutus 'Marina' - Marina Strawberry Tree	7.69	
32 93 43 00-0208	EA	5 Gallon Arbutus 'Marina' - Marina Strawberry Tree	28.97	
32 93 43 00-0209	EA	15 Gallon Arbutus 'Marina' - Marina Strawberry Tree	93.42	
32 93 43 00-0210	EA	24" Box Arbutus 'Marina' - Marina Strawberry Tree	224.68	
32 93 43 00-0211	EA	36" Box Arbutus 'Marina' - Marina Strawberry Tree	722.64	
32 93 43 00-0212	EA	1 Gallon Arbutus unedo - Strawberry Tree	7.10	
32 93 43 00-0213	EA	5 Gallon Arbutus unedo - Strawberry Tree	21.29	
32 93 43 00-0214	EA	15 Gallon Arbutus unedo - Strawberry Tree	93.42	
32 93 43 00-0215	EA	24" Box Arbutus unedo - Strawberry Tree	224.68	
32 93 43 00-0216	EA	36" Box Arbutus unedo - Strawberry Tree	650.38	
32 93 43 00-0217	EA	1-1/2" Caliper Koelreuteria bipinnata - Chinese Flame Tree	381.44	
32 93 43 00-0218	EA	2" Caliper Koelreuteria bipinnata - Chinese Flame Tree	619.85	
32 93 43 00-0219	EA	2-1/2" Caliper Koelreuteria bipinnata - Chinese Flame Tree	762.89	
32 93 43 00-0220	EA	3" Caliper Koelreuteria bipinnata - Chinese Flame Tree	842.36	
32 93 43 00-0221	EA	24" Box Koelreuteria bipinnata - Chinese Flame Tree	371.91	
32 93 43 00-0222	EA	30" Box Koelreuteria bipinnata - Chinese Flame Tree	858.25	
32 93 43 00-0223	EA	36" Box Koelreuteria bipinnata - Chinese Flame Tree	1,343.00	
32 93 43 00-0224	EA	1-1/2" Cliber Koelreuteria paniculata - Golden Rain Tree	346.48	
32 93 43 00-0225	EA	2" Cliber Koelreuteria paniculata - Golden Rain Tree	562.63	
32 93 43 00-0226	EA	2-1/2" Cliber Koelreuteria paniculata - Golden Rain Tree	689.78	
32 93 43 00-0227	EA	3" Cliber Koelreuteria paniculata - Golden Rain Tree	778.78	
32 93 43 00-0228	EA	6' Magnolia grandiflora - Southern Magnolia	235.22	
32 93 43 00-0229	EA	7' Magnolia grandiflora - Southern Magnolia	356.01	
32 93 43 00-0230	EA	8' Magnolia grandiflora - Southern Magnolia	499.06	
32 93 43 00-0231	EA	9' Magnolia grandiflora - Southern Magnolia	664.35	
32 93 43 00-0232	EA	10' Magnolia grandiflora - Southern Magnolia	1,010.83	
32 93 43 00-0233	EA	24" Box Magnolia grandiflora - Southern Magnolia	413.23	
32 93 43 00-0234	EA	1-1/2" Caliper Tipuana tipu - Tipu Tree	492.70	
32 93 43 00-0235	EA	2" Caliper Tipuana tipu - Tipu Tree	642.10	
32 93 43 00-0236	EA	2-1/2" Caliper Tipuana tipu - Tipu Tree	813.75	
32 93 43 00-0237	EA	3" Caliper Tipuana tipu - Tipu Tree	937.72	
32 93 43 00-0238	EA	3-1/2" Caliper Tipuana tipu - Tipu Tree	1,379.56	
32 93 43 00-0239	EA	4" Caliper Tipuana tipu - Tipu Tree	1,843.65	
32 93 43 00-0240	EA	1 Gallon Tipuana tipu - Tipu Tree	7.69	
32 93 43 00-0241	EA	5 Gallon Tipuana tipu - Tipu Tree	21.29	
32 93 43 00-0242	EA	15 Gallon Tipuana tipu - Tipu Tree	69.77	
32 93 43 00-0243	EA	24" Box Tipuana tipu - Tipu Tree	371.91	
32 93 43 00-0244	EA	6' Albizia julibrissin - Silk Tree	762.89	
32 93 43 00-0245	EA	8' Albizia julibrissin - Silk Tree	1,017.18	
32 93 43 00-0246	EA	10' Albizia julibrissin - Silk Tree	1,271.48	
32 93 43 00-0247	EA	12' Albizia julibrissin - Silk Tree	1,525.78	
32 93 43 00-0248	EA	6' Brachychiton acerifolius - Flame Tree	762.89	
32 93 43 00-0249	EA	8' Brachychiton acerifolius - Flame Tree	1,017.18	
32 93 43 00-0250	EA	10' Brachychiton acerifolius - Flame Tree	1,271.48	
32 93 43 00-0251	EA	12' Brachychiton acerifolius - Flame Tree	1,525.78	
32 93 43 00-0252	EA	1-1/2" Caliper Chilopsis linearis - Desert Willow	616.67	
32 93 43 00-0253	EA	2" Caliper Chilopsis linearis - Desert Willow	740.64	
32 93 43 00-0254	EA	2-1/2" Caliper Chilopsis linearis - Desert Willow	788.32	
32 93 43 00-0255	EA	3" Caliper Chilopsis linearis - Desert Willow	874.14	
32 93 43 00-0256	EA	5 Gallon Chionanthus retusus - Chinese Fringe Tree	31.79	
32 93 43 00-0257	EA	15 Gallon Chionanthus retusus - Chinese Fringe Tree	127.15	
32 93 43 00-0258	EA	24" Box Chionanthus retusus - Chinese Fringe Tree	635.74	
32 93 43 00-0259	EA	1 Gallon Callistemon salignus - White BottleBrush	4.14	
32 93 43 00-0260	EA	5 Gallon Callistemon salignus - White BottleBrush	11.83	
32 93 43 00-0261	EA	15 Gallon Callistemon salignus - White BottleBrush	46.12	
32 93 43 00-0262	EA	24" Box Callistemon salignus - White BottleBrush	189.20	
32 93 43 00-0263	EA	5 Gallon Calodendrum capense - Cape Chestnut	47.68	
32 93 43 00-0264	EA	15 Gallon Calodendrum capense - Cape Chestnut	190.72	
32 93 43 00-0265	EA	24" Box Calodendrum capense - Cape Chestnut	715.21	
32 93 43 00-0266	EA	6' Chionanthus virginicus - White Fringe Tree	381.44	
32 93 43 00-0267	EA	8' Chionanthus virginicus - White Fringe Tree	513.52	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0268	EA	10' Chionanthus virginicus - White Fringe Tree	715.26	
32 93 43 00-0269	EA	15 Gallon Geijera parvifolia - Australian Willow	220.08	
32 93 43 00-0270	EA	24" Box Geijera parvifolia - Australian Willow	453.00	
32 93 43 00-0271	EA	30" Box Geijera parvifolia - Australian Willow	843.64	
32 93 43 00-0272	EA	36" Box Geijera parvifolia - Australian Willow	1,210.44	
32 93 43 00-0273	EA	5 Gallon Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	29.68	
32 93 43 00-0274	EA	15 Gallon Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	103.88	
32 93 43 00-0275	EA	24" Box Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	339.22	
32 93 43 00-0276	EA	36" Box Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	901.04	
32 93 43 00-0277	EA	48" Box Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	2,014.10	
32 93 43 00-0278	EA	5 Gallon Ginkgo biloba - Maidenhair Tree or Ginkgo	28.97	
32 93 43 00-0279	EA	15 Gallon Ginkgo biloba - Maidenhair Tree or Ginkgo	93.42	
32 93 43 00-0280	EA	24" Box Ginkgo biloba - Maidenhair Tree or Ginkgo	189.20	
32 93 43 00-0281	EA	36" Box Ginkgo biloba - Maidenhair Tree or Ginkgo	650.38	
32 93 43 00-0282	EA	1-1/2" Caliper Ginko Biloba - Maidenhair Tree	652.90	
32 93 43 00-0283	EA	2" Caliper Ginko Biloba - Maidenhair Tree	909.66	
32 93 43 00-0284	EA	2-1/2" Caliper Ginko Biloba - Maidenhair Tree	1,096.73	
32 93 43 00-0285	EA	3" Caliper Ginko Biloba - Maidenhair Tree	1,280.13	
32 93 43 00-0286	EA	3-1/2" Caliper Ginko Biloba - Maidenhair Tree	1,676.28	
32 93 43 00-0287	EA	4" Caliper Ginko Biloba - Maidenhair Tree	1,789.98	
32 93 43 00-0288	EA	4-1/2" Caliper Ginko Biloba - Maidenhair Tree	1,907.36	
32 93 43 00-0289	EA	15 Gallon Sapium sebiferum - Chinese Tallow Tree	220.08	
32 93 43 00-0290	EA	24" Box Sapium sebiferum - Chinese Tallow Tree	806.96	
32 93 43 00-0291	EA	4' To 5' Lagerstroemia indica - Crape Myrtle	234.75	
32 93 43 00-0292	EA	6' Lagerstroemia indica - Crape Myrtle	436.49	
32 93 43 00-0293	EA	8' Lagerstroemia indica - Crape Myrtle	451.16	
32 93 43 00-0294	EA	10' Lagerstroemia indica - Crape Myrtle	546.53	
32 93 43 00-0295	EA	24" Box Lagerstroemia indica - Crape Myrtle	429.16	

32 93 43 00-0296 Deciduous Shade Trees *(32 93 43)*

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0297	EA	3-1/2" To 4" Caliper Acer palmatum - Bloodgood Japanese Maple	244.39	
32 93 43 00-0298	EA	4" To 4-1/2" Caliper Acer palmatum - Bloodgood Japanese Maple	299.57	
32 93 43 00-0299	EA	4-1/2" To 5" Caliper Acer palmatum - Bloodgood Japanese Maple	390.23	
32 93 43 00-0300	EA	5" To 6" Caliper Acer palmatum - Bloodgood Japanese Maple	505.85	
32 93 43 00-0301	EA	2' To 2-1/2' Acer palmatum - Japanese Maple	25.78	
32 93 43 00-0302	EA	4' To 5' Acer palmatum - Japanese Maple	54.13	
32 93 43 00-0303	EA	5' To 6' Acer palmatum - Japanese Maple	70.88	
32 93 43 00-0304	EA	6' To 7' Acer palmatum - Japanese Maple	128.88	
32 93 43 00-0305	EA	7' To 8' Acer palmatum - Japanese Maple	180.43	
32 93 43 00-0306	EA	8' To 10' Acer palmatum - Japanese Maple	231.99	
32 93 43 00-0307	EA	10' To 12' Acer palmatum - Japanese Maple	309.32	
32 93 43 00-0308	EA	2" Caliper Acer platanoides & cvs - Norway Maple	131.39	
32 93 43 00-0309	EA	2" Caliper Acer platanoides & cvs - Norway Maple	159.95	
32 93 43 00-0310	EA	3" Caliper Acer platanoides & cvs - Norway Maple	205.65	
32 93 43 00-0311	EA	3-1/2" Caliper Acer platanoides & cvs - Norway Maple	239.93	
32 93 43 00-0312	EA	4" Caliper Acer platanoides & cvs - Norway Maple	257.07	
32 93 43 00-0313	EA	4-1/2" Caliper Acer platanoides & cvs - Norway Maple	279.92	
32 93 43 00-0314	EA	5" Caliper Acer platanoides & cvs - Norway Maple	314.19	
32 93 43 00-0315	EA	2" Caliper Acer rubrum & cvs - Red Maple	125.68	
32 93 43 00-0316	EA	2-1/2" Caliper Acer rubrum & cvs - Red Maple	159.95	
32 93 43 00-0317	EA	3" Caliper Acer rubrum & cvs - Red Maple	205.65	
32 93 43 00-0318	EA	3-1/2" Caliper Acer rubrum & cvs - Red Maple	251.35	
32 93 43 00-0319	EA	4" Caliper Acer rubrum & cvs - Red Maple	285.63	
32 93 43 00-0320	EA	4-1/2" Caliper Acer rubrum & cvs - Red Maple	331.33	
32 93 43 00-0321	EA	5" Caliper Acer rubrum & cvs - Red Maple	371.32	
32 93 43 00-0322	EA	8' Clump Form Acer rubrum & cvs - Red Maple	154.24	
32 93 43 00-0323	EA	10' Clump Form Acer rubrum & cvs - Red Maple	205.65	
32 93 43 00-0324	EA	12' Clump Form Acer rubrum & cvs - Red Maple	239.93	
32 93 43 00-0325	EA	14' Clump Form Acer rubrum & cvs - Red Maple	274.21	
32 93 43 00-0326	EA	16' Clump Form Acer rubrum & cvs - Red Maple	308.48	
32 93 43 00-0327	EA	18' Clump Form Acer rubrum & cvs - Red Maple	342.76	
32 93 43 00-0328	EA	2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	199.94	
32 93 43 00-0329	EA	2-1/2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	222.79	
32 93 43 00-0330	EA	3" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	251.35	
32 93 43 00-0331	EA	3-1/2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	285.63	
32 93 43 00-0332	EA	4" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	342.76	
32 93 43 00-0333	EA	2" Caliper Betula nigra - River Birch	142.82	
32 93 43 00-0334	EA	2-1/2" Caliper Betula nigra - River Birch	161.72	
32 93 43 00-0335	EA	3" Caliper Betula nigra - River Birch	182.80	
32 93 43 00-0336	EA	3-1/2" Caliper Betula nigra - River Birch	228.50	
32 93 43 00-0337	EA	4" Caliper Betula nigra - River Birch	257.07	
32 93 43 00-0338	EA	4-1/2" Caliper Betula nigra - River Birch	285.63	
32 93 43 00-0339	EA	5" Caliper Betula nigra - River Birch	314.19	
32 93 43 00-0340	EA	8' Clump Form Betula nigra - River Birch	131.39	
32 93 43 00-0341	EA	10' Clump Form Betula nigra - River Birch	148.53	
32 93 43 00-0342	EA	12' Clump Form Betula nigra - River Birch	171.38	
32 93 43 00-0343	EA	14' Clump Form Betula nigra - River Birch	199.94	
32 93 43 00-0344	EA	16' Clump Form Betula nigra - River Birch	228.50	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0345	EA	12' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	171.38	
32 93 43 00-0346	EA	14' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	205.65	
32 93 43 00-0347	EA	16' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	239.93	
32 93 43 00-0348	EA	18' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	285.63	
32 93 43 00-0349	EA	20' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	297.06	
32 93 43 00-0350	EA	2" Caliper Carpinus betulus & cvs - European Hornbeam	228.50	
32 93 43 00-0351	EA	2-1/2" Caliper Carpinus betulus & cvs - European Hornbeam	257.07	
32 93 43 00-0352	EA	3" Caliper Carpinus betulus & cvs - European Hornbeam	297.06	
32 93 43 00-0353	EA	3-1/2" Caliper Carpinus betulus & cvs - European Hornbeam	359.89	
32 93 43 00-0354	EA	6' Clump Form Carpinus betulus & cvs - European Hornbeam	102.83	
32 93 43 00-0355	EA	7' Clump Form Carpinus betulus & cvs - European Hornbeam	142.82	
32 93 43 00-0356	EA	8' Clump Form Carpinus betulus & cvs - European Hornbeam	177.09	
32 93 43 00-0357	EA	2" Caliper Catalpa speciosa - Western Catalpa	125.68	
32 93 43 00-0358	EA	2-1/2" Caliper Catalpa speciosa - Western Catalpa	171.38	
32 93 43 00-0359	EA	3" Caliper Catalpa speciosa - Western Catalpa	222.79	
32 93 43 00-0360	EA	3-1/2" Caliper Catalpa speciosa - Western Catalpa	268.49	
32 93 43 00-0361	EA	4" Caliper Catalpa speciosa - Western Catalpa	308.48	
32 93 43 00-0362	EA	8' Clump Form Corylus cornuta californica - Western Filbert	159.95	
32 93 43 00-0363	EA	10' Clump Form Corylus cornuta californica - Western Filbert	194.23	
32 93 43 00-0364	EA	12' Clump Form Corylus cornuta californica - Western Filbert	228.50	
32 93 43 00-0365	EA	1-1/2" Caliper Diospyros - Persimmon	102.83	
32 93 43 00-0366	EA	2" Caliper Diospyros - Persimmon	125.68	
32 93 43 00-0367	EA	2-1/2" Caliper Diospyros - Persimmon	159.95	
32 93 43 00-0368	EA	3" Caliper Diospyros - Persimmon	199.94	
32 93 43 00-0369	EA	3-1/2" Caliper Diospyros - Persimmon	239.93	
32 93 43 00-0370	EA	2" Caliper Fagus sylvatica & cvs - European Beech	257.07	
32 93 43 00-0371	EA	2-1/2" Caliper Fagus sylvatica & cvs - European Beech	308.48	
32 93 43 00-0372	EA	3" Caliper Fagus sylvatica & cvs - European Beech	371.32	
32 93 43 00-0373	EA	3-1/2" Caliper Fagus sylvatica & cvs - European Beech	411.31	
32 93 43 00-0374	EA	4" Caliper Fagus sylvatica & cvs - European Beech	485.57	
32 93 43 00-0375	EA	4-1/2" Caliper Fagus sylvatica & cvs - European Beech	628.39	
32 93 43 00-0376	EA	5" Caliper Fagus sylvatica & cvs - European Beech	742.64	
32 93 43 00-0377	EA	2" Caliper Fraxinus americana & cvs - White Ash	142.82	
32 93 43 00-0378	EA	2-1/2" Caliper Fraxinus americana & cvs - White Ash	171.38	
32 93 43 00-0379	EA	3" Caliper Fraxinus americana & cvs - White Ash	217.08	
32 93 43 00-0380	EA	3-1/2" Caliper Fraxinus americana & cvs - White Ash	262.78	
32 93 43 00-0381	EA	4" Caliper Fraxinus americana & cvs - White Ash	308.48	
32 93 43 00-0382	EA	4-1/2" Caliper Fraxinus americana & cvs - White Ash	342.76	
32 93 43 00-0383	EA	5" Caliper Fraxinus americana & cvs - White Ash	399.88	
32 93 43 00-0384	EA	1-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	199.94	
32 93 43 00-0385	EA	2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	222.79	
32 93 43 00-0386	EA	2-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	251.35	
32 93 43 00-0387	EA	3" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	279.92	
32 93 43 00-0388	EA	3-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	314.19	
32 93 43 00-0389	EA	4" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	342.76	
32 93 43 00-0390	EA	4-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	514.13	
32 93 43 00-0391	EA	5" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	571.26	
32 93 43 00-0392	EA	2" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	137.10	
32 93 43 00-0393	EA	2-1/2" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	171.38	
32 93 43 00-0394	EA	3" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	205.65	
32 93 43 00-0395	EA	3-1/2" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	239.93	
32 93 43 00-0396	EA	4" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	274.21	
32 93 43 00-0397	EA	4-1/2" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	308.48	
32 93 43 00-0398	EA	5" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	365.61	
32 93 43 00-0399	EA	10' - 12' Bursera Simaruba - Gumbo Limbo	72.26	
32 93 43 00-0400	EA	12' - 14' Bursera Simaruba - Gumbo Limbo	85.40	
32 93 43 00-0401	EA	14' - 16' Bursera Simaruba - Gumbo Limbo	118.25	
32 93 43 00-0402	EA	17' - 18' Bursera Simaruba - Gumbo Limbo	153.73	
32 93 43 00-0403	EA	19' - 20' Bursera Simaruba - Gumbo Limbo	170.81	
32 93 43 00-0404	EA	21' - 22' Bursera Simaruba - Gumbo Limbo	202.34	
32 93 43 00-0405	EA	1-1/2" Caliper Juglans californica - California Walnut	137.10	
32 93 43 00-0406	EA	2" Caliper Juglans californica - California Walnut	159.95	
32 93 43 00-0407	EA	2-1/2" Caliper Juglans californica - California Walnut	199.94	
32 93 43 00-0408	EA	3" Caliper Juglans californica - California Walnut	251.35	
32 93 43 00-0409	EA	3-1/2" Caliper Juglans californica - California Walnut	308.48	
32 93 43 00-0410	EA	4" Caliper Juglans californica - California Walnut	371.32	
32 93 43 00-0411	EA	4-1/2" Caliper Juglans californica - California Walnut	428.45	
32 93 43 00-0412	EA	5" Caliper Juglans californica - California Walnut	485.57	
32 93 43 00-0413	EA	5 Gallon Koelreuteria Paniculata - Goldenrain Tree	15.47	
32 93 43 00-0414	EA	15 Gallon Koelreuteria Paniculata - Goldenrain Tree	38.66	
32 93 43 00-0415	EA	20 Gallon Koelreuteria Paniculata - Goldenrain Tree	77.33	
32 93 43 00-0416	EA	55 Gallon Koelreuteria Paniculata - Goldenrain Tree	100.53	
32 93 43 00-0417	EA	1-1/2" To 2" Caliper Koelreuteria Paniculata - Goldenrain Tree	73.46	
32 93 43 00-0418	EA	2" To 2-1/2" Caliper Koelreuteria Paniculata - Goldenrain Tree	88.93	
32 93 43 00-0419	EA	2-1/2" To 3" Caliper Koelreuteria Paniculata - Goldenrain Tree	123.73	
32 93 43 00-0420	EA	1-1/2" Caliper Liquidambar styraciflua - American Sweetgum	182.80	
32 93 43 00-0421	EA	2" Caliper Liquidambar styraciflua - American Sweetgum	228.50	
32 93 43 00-0422	EA	2-1/2" Caliper Liquidambar styraciflua - American Sweetgum	285.63	
32 93 43 00-0423	EA	3" Caliper Liquidambar styraciflua - American Sweetgum	342.76	
32 93 43 00-0424	EA	3-1/2" Caliper Liquidambar styraciflua - American Sweetgum	399.88	
32 93 43 00-0425	EA	1-1/2" Caliper Liriodendron tulipifera - Tulip Tree	182.80	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0426	EA	2" Caliper Liriodendron tulipifera - Tulip Tree	251.35	
32 93 43 00-0427	EA	2-1/2" Caliper Liriodendron tulipifera - Tulip Tree	297.06	
32 93 43 00-0428	EA	3" Caliper Liriodendron tulipifera - Tulip Tree	342.76	
32 93 43 00-0429	EA	3-1/2" Caliper Liriodendron tulipifera - Tulip Tree	388.46	
32 93 43 00-0430	EA	8' Clump Form Liriodendron tulipifera - Tulip Tree	137.10	
32 93 43 00-0431	EA	10' Clump Form Liriodendron tulipifera - Tulip Tree	245.64	
32 93 43 00-0432	EA	12' Clump Form Liriodendron tulipifera - Tulip Tree	297.06	
32 93 43 00-0433	EA	1-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	182.80	
32 93 43 00-0434	EA	2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	228.50	
32 93 43 00-0435	EA	2-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	285.63	
32 93 43 00-0436	EA	3" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	342.76	
32 93 43 00-0437	EA	3-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	399.88	
32 93 43 00-0438	EA	4' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	79.98	
32 93 43 00-0439	EA	5' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	91.40	
32 93 43 00-0440	EA	6' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	108.54	
32 93 43 00-0441	EA	7' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	137.10	
32 93 43 00-0442	EA	8' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	171.38	
32 93 43 00-0443	EA	30" Box Platanus Occidentalis - Buttonwood Sycamore	248.18	
32 93 43 00-0444	EA	36" Box Platanus Occidentalis - Buttonwood Sycamore	361.00	
32 93 43 00-0445	EA	42" Box Platanus occidentalis - Buttonwood Sycamore	537.01	
32 93 43 00-0446	EA	1-1/2" To 2" Caliper Platanus occidentalis - Buttonwood Sycamore	83.04	
32 93 43 00-0447	EA	2" To 2-1/2" Caliper Platanus occidentalis - Buttonwood Sycamore	99.28	
32 93 43 00-0448	EA	2-1/2" To 3" Caliper Platanus occidentalis - Buttonwood Sycamore	135.37	
32 93 43 00-0449	EA	3" To 3-1/2" Caliper Platanus occidentalis - Buttonwood Sycamore	164.28	
32 93 43 00-0450	EA	8' To 10' Platanus occidentalis - Green Or Silver Buttonwood	68.32	
32 93 43 00-0451	EA	10' To 12' Platanus occidentalis - Green Or Silver Buttonwood	85.40	
32 93 43 00-0452	EA	12' To 14' Platanus occidentalis - Green Or Silver Buttonwood	151.10	
32 93 43 00-0453	EA	16' To 18' Platanus occidentalis - Green Or Silver Buttonwood	216.79	
32 93 43 00-0454	EA	2" Caliper Platanus x acerifolia & cvs - London Planetree	137.10	
32 93 43 00-0455	EA	2-1/2" Caliper Platanus x acerifolia & cvs - London Planetree	165.67	
32 93 43 00-0456	EA	3" Caliper Platanus x acerifolia & cvs - London Planetree	199.94	
32 93 43 00-0457	EA	3-1/2" Caliper Platanus x acerifolia & cvs - London Planetree	239.93	
32 93 43 00-0458	EA	4" Caliper Platanus x acerifolia & cvs - London Planetree	285.63	
32 93 43 00-0459	EA	2" Caliper Populus alba & cvs - White Poplar	137.10	
32 93 43 00-0460	EA	2-1/2" Caliper Populus alba & cvs - White Poplar	159.95	
32 93 43 00-0461	EA	3" Caliper Populus alba & cvs - White Poplar	182.80	
32 93 43 00-0462	EA	3-1/2" Caliper Populus alba & cvs - White Poplar	217.08	
32 93 43 00-0463	EA	4" Caliper Populus alba & cvs - White Poplar	239.93	
32 93 43 00-0464	EA	4-1/2" Caliper Populus alba & cvs - White Poplar	274.21	
32 93 43 00-0465	EA	2" Caliper Populus deltoides & cvs - Eastern Cottonwood	125.68	
32 93 43 00-0466	EA	2-1/2" Caliper Populus deltoides & cvs - Eastern Cottonwood	165.67	
32 93 43 00-0467	EA	3" Caliper Populus deltoides & cvs - Eastern Cottonwood	199.94	
32 93 43 00-0468	EA	3-1/2" Caliper Populus deltoides & cvs - Eastern Cottonwood	239.93	
32 93 43 00-0469	EA	4" Caliper Populus deltoides & cvs - Eastern Cottonwood	285.63	
32 93 43 00-0470	EA	1 Gallon Quercus agrifolia - Coast Live Oak	11.71	
32 93 43 00-0471	EA	5 Gallon Quercus agrifolia - Coast Live Oak	28.97	
32 93 43 00-0472	EA	15 Gallon Quercus agrifolia - Coast Live Oak	93.42	
32 93 43 00-0473	EA	24" Box Quercus agrifolia - Coast Live Oak	283.80	
32 93 43 00-0474	EA	2" Caliper Quercus palustris - Pin Oak	125.68	
32 93 43 00-0475	EA	2-1/2" Caliper Quercus palustris - Pin Oak	171.38	
32 93 43 00-0476	EA	3" Caliper Quercus palustris - Pin Oak	222.79	
32 93 43 00-0477	EA	3-1/2" Caliper Quercus palustris - Pin Oak	257.07	
32 93 43 00-0478	EA	4" Caliper Quercus palustris - Pin Oak	297.06	
32 93 43 00-0479	EA	4-1/2" Caliper Quercus palustris - Pin Oak	337.04	
32 93 43 00-0480	EA	5" Caliper Quercus palustris - Pin Oak	371.32	
32 93 43 00-0481	EA	2" Caliper Quercus shumardii - Shumard Oak	194.23	
32 93 43 00-0482	EA	2-1/2" Caliper Quercus shumardii - Shumard Oak	245.64	
32 93 43 00-0483	EA	3" Caliper Quercus shumardii - Shumard Oak	285.63	
32 93 43 00-0484	EA	3-1/2" Caliper Quercus shumardii - Shumard Oak	342.76	
32 93 43 00-0485	EA	4" Caliper Quercus shumardii - Shumard Oak	399.88	
32 93 43 00-0486	EA	4-1/2" Caliper Quercus shumardii - Shumard Oak	457.01	
32 93 43 00-0487	EA	5" Caliper Quercus shumardii - Shumard Oak	514.13	
32 93 43 00-0488	EA	24" Box Salix babylonica - Weeping Willow	144.39	
32 93 43 00-0489	EA	36" Box Salix babylonica - Weeping Willow	361.00	
32 93 43 00-0490	EA	1-1/2" To 2" Caliper Salix babylonica - Weeping Willow	83.04	
32 93 43 00-0491	EA	2" To 2-1/2" Caliper Salix babylonica - Weeping Willow	99.28	
32 93 43 00-0492	EA	2-1/2" To 3" Caliper Salix babylonica - Weeping Willow	108.30	
32 93 43 00-0493	EA	2' Thuja occidentalis - American Arborviatae	19.58	
32 93 43 00-0494	EA	2-1/2' Thuja occidentalis - American Arborviatae	21.15	
32 93 43 00-0495	EA	3' Thuja occidentalis - American Arborviatae	30.22	
32 93 43 00-0496	EA	4' Thuja occidentalis - American Arborviatae	41.52	
32 93 43 00-0497	EA	5' Thuja occidentalis - American Arborviatae	57.81	
32 93 43 00-0498	EA	6' Thuja occidentalis - American Arborviatae	80.15	
32 93 43 00-0499	EA	7' Thuja occidentalis - American Arborviatae	97.23	
32 93 43 00-0500	EA	8' Thuja occidentalis - American Arborviatae	136.65	
32 93 43 00-0501	EA	2" Caliper Tilia cordata & cvs - Littleleaf Linden	143.67	
32 93 43 00-0502	EA	2-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden	173.55	
32 93 43 00-0503	EA	3" Caliper Tilia cordata & cvs - Littleleaf Linden	199.94	
32 93 43 00-0504	EA	3-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden	245.64	
32 93 43 00-0505	EA	4" Caliper Tilia cordata & cvs - Littleleaf Linden	279.92	
32 93 43 00-0506	EA	4-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden	314.19	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0507	EA	5" Caliper Tilia cordata & cvs - Littleleaf Linden	348.47	
32 93 43 00-0508	EA	2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	159.95	
32 93 43 00-0509	EA	2-1/2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	182.80	
32 93 43 00-0510	EA	3" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	199.94	
32 93 43 00-0511	EA	3-1/2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	217.08	
32 93 43 00-0512	EA	4" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	239.93	
32 93 43 00-0513	EA	4-1/2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	285.63	
32 93 43 00-0514	EA	5" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	337.04	
32 93 43 00-0515	EA	2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	182.80	
32 93 43 00-0516	EA	2-1/2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	199.94	
32 93 43 00-0517	EA	3" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	217.08	
32 93 43 00-0518	EA	3-1/2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	239.93	
32 93 43 00-0519	EA	4" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	285.63	
32 93 43 00-0520	EA	4-1/2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	337.04	
32 93 43 00-0521	EA	5" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	388.46	
32 93 43 00-0522	EA	2" Caliper Ulmus x `Regal' - Regal Hybrid Elm	182.80	
32 93 43 00-0523	EA	2-1/2" Mary-Louise Parker Ulmus x `Regal' - Regal Hybrid Elm	199.94	
32 93 43 00-0524	EA	3" Caliper Ulmus x `Regal' - Regal Hybrid Elm	217.08	
32 93 43 00-0525	EA	3-1/2" Caliper Ulmus x `Regal' - Regal Hybrid Elm	239.93	
32 93 43 00-0526	EA	4" Caliper Ulmus x `Regal' - Regal Hybrid Elm	285.63	
32 93 43 00-0527	EA	4-1/2" Caliper Ulmus x `Regal' - Regal Hybrid Elm	337.04	
32 93 43 00-0528	EA	5" Caliper Ulmus x `Regal' - Regal Hybrid Elm	388.46	
32 93 43 00-0529	EA	1-1/2" To 2" Caliper Platanus acerifolia "Bloodgold" - London Plane	341.12	
32 93 43 00-0530	EA	2" To 2-1/2" Caliper Platanus acerifolia "Bloodgold" - London Plane	608.89	
32 93 43 00-0531	EA	2-1/2" To 3" Caliper Platanus acerifolia "Bloodgold" - London Plane	891.32	
32 93 43 00-0532	EA	3" To 3-1/2" Caliper Platanus acerifolia "Bloodgold" - London Plane	1,107.74	
32 93 43 00-0533	EA	3-1/2" To 4" Caliper Platanus acerifolia "Bloodgold" - London Plane	1,434.19	
32 93 43 00-0534	EA	4" To 5" Caliper Platanus acerifolia "Bloodgold" - London Plane	1,632.26	
32 93 43 00-0535	EA	24" Box Platanus acerifolia "Bloodgold" - London Plane	429.16	
32 93 43 00-0536	EA	1-1/2" Caliper Quercus suber - Cork Oak	513.52	
32 93 43 00-0537	EA	2" Caliper Quercus suber - Cork Oak	711.59	
32 93 43 00-0538	EA	2-1/2" Caliper Quercus suber - Cork Oak	909.66	
32 93 43 00-0539	EA	3" Caliper Quercus suber - Cork Oak	1,137.08	
32 93 43 00-0540	EA	3-1/2" Caliper Quercus suber - Cork Oak	1,705.62	
32 93 43 00-0541	EA	4" Caliper Quercus suber - Cork Oak	2,200.80	
32 93 43 00-0542	EA	4-1/2" Caliper Quercus suber - Cork Oak	2,861.04	
32 93 43 00-0543	EA	1-1/2" Caliper Quercus ilex - Holly Oak	568.54	
32 93 43 00-0544	EA	2" Caliper Quercus ilex - Holly Oak	766.61	
32 93 43 00-0545	EA	2-1/2" Caliper Quercus ilex - Holly Oak	939.01	
32 93 43 00-0546	EA	3" Caliper Quercus ilex - Holly Oak	1,137.08	
32 93 43 00-0547	EA	3-1/2" Caliper Quercus ilex - Holly Oak	1,705.62	
32 93 43 00-0548	EA	4" Caliper Quercus ilex - Holly Oak	2,200.80	

32 93 43 00-0549 Evergreen Trees *(32 93 43)*

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0550	EA	5 Gallon Araucaria heterophylla (Araucaria excelsa) - Norfolk Island Pine, Star Pine	71.43	
32 93 43 00-0551	EA	15 Gallon Araucaria heterophylla (Araucaria excelsa) - Norfolk Island Pine, Star Pine	496.05	
32 93 43 00-0552	EA	24" Box Araucaria heterophylla (Araucaria excelsa) - Norfolk Island Pine, Star Pine	992.10	
32 93 43 00-0553	EA	36" Box Araucaria heterophylla (Araucaria excelsa) - Norfolk Island Pine, Star Pine	2,381.04	
32 93 43 00-0554	EA	1 Gallon Bauhinia variegata (Bauhinia purpurea) - Purple Orchid Tree	7.69	
32 93 43 00-0555	EA	5 Gallon Bauhinia variegata (Bauhinia purpurea) - Purple Orchid Tree	28.97	
32 93 43 00-0556	EA	15 Gallon Bauhinia variegata (Bauhinia purpurea) - Purple Orchid Tree	93.42	
32 93 43 00-0557	EA	24" Box Bauhinia variegata (Bauhinia purpurea) - Purple Orchid Tree	224.68	
32 93 43 00-0558	EA	5 Gallon Bauhinia blakeana - Hong Kong Orchid Tree	21.29	
32 93 43 00-0559	EA	15 Gallon Bauhinia blakeana - Hong Kong Orchid Tree	93.42	
32 93 43 00-0560	EA	24" Box Bauhinia blakeana - Hong Kong Orchid Tree	224.68	
32 93 43 00-0561	EA	1 Gallon Callistemon viminalis - Weeping Bottlebrush	17.86	
32 93 43 00-0562	EA	5 Gallon Callistemon viminalis - Weeping Bottlebrush	55.56	
32 93 43 00-0563	EA	15 Gallon Callistemon viminalis - Weeping Bottlebrush	194.45	
32 93 43 00-0564	EA	24" Box Callistemon viminalis - Weeping Bottlebrush	634.94	
32 93 43 00-0565	EA	36" Box Callistemon viminalis - Weeping Bottlebrush	1,785.78	
32 93 43 00-0566	EA	2' To 3' Cedrus atlantica - Blue Atlas Cedar	25.16	
32 93 43 00-0567	EA	3' To 4' Cedrus atlantica - Blue Atlas Cedar	40.45	
32 93 43 00-0568	EA	4' To 5' Cedrus atlantica - Blue Atlas Cedar	60.09	
32 93 43 00-0569	EA	5' To 6' Cedrus atlantica - Blue Atlas Cedar	80.84	
32 93 43 00-0570	EA	7' To 8' Cedrus atlantica - Blue Atlas Cedar	114.77	
32 93 43 00-0571	EA	6' Cedrus decurrens - Incese Cedar	117.27	
32 93 43 00-0572	EA	8' Cedrus decurrens - Incese Cedar	242.58	
32 93 43 00-0573	EA	10' Cedrus decurrens - Incese Cedar	321.30	
32 93 43 00-0574	EA	12' Cedrus decurrens - Incese Cedar	425.72	
32 93 43 00-0575	EA	1 Gallon Cedrus deodara - Deodar Cedar	39.29	
32 93 43 00-0576	EA	5 Gallon Cedrus deodara - Deodar Cedar	71.43	
32 93 43 00-0577	EA	15 Gallon Cedrus deodara - Deodar Cedar	313.50	
32 93 43 00-0578	EA	24" Box Cedrus deodara - Deodar Cedar	992.10	
32 93 43 00-0579	EA	36" Box Cedrus deodara - Deodar Cedar	2,182.62	
32 93 43 00-0580	EA	6' To 8' Cedrus deodara - Indian Cedar	103.85	
32 93 43 00-0581	EA	8' To 10' Cedrus deodara - Indian Cedar	120.24	
32 93 43 00-0582	EA	10' To 12' Cedrus deodara - Indian Cedar	163.94	
32 93 43 00-0583	EA	12' To 14' Cedrus deodara - Indian Cedar	213.11	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0584	EA	14' To 16' Cedrus deodara - Indian Cedar	273.25	
32 93 43 00-0585	EA	5 Gallon Cedrus libani - Cedar of Lebanon	71.43	
32 93 43 00-0586	EA	15 Gallon Cedrus libani - Cedar of Lebanon	313.50	
32 93 43 00-0587	EA	24" Box Cedrus libani - Cedar of Lebanon	754.00	
32 93 43 00-0588	EA	36" Box Cedrus libani - Cedar of Lebanon	2,182.62	
32 93 43 00-0589	EA	15 Gallon Celtis australis - European Hackberry	257.95	
32 93 43 00-0590	EA	24" Box Celtis australis - European Hackberry	892.89	
32 93 43 00-0591	EA	15" To 18" Chamaecyparis obtusa - Compact Hinoki Cypress	32.46	
32 93 43 00-0592	EA	18" To 24" Chamaecyparis obtusa - Compact Hinoki Cypress	48.69	
32 93 43 00-0593	EA	2' To 3' Chamaecyparis obtusa - Compact Hinoki Cypress	75.74	
32 93 43 00-0594	EA	3' To 4' Chamaecyparis obtusa - Compact Hinoki Cypress	129.85	
32 93 43 00-0595	EA	1 Gallon Cinnamomum camphora - Camphor Tree	25.79	
32 93 43 00-0596	EA	5 Gallon Cinnamomum camphora - Camphor Tree	71.43	
32 93 43 00-0597	EA	15 Gallon Cinnamomum camphora - Camphor Tree	194.45	
32 93 43 00-0598	EA	24" Box Cinnamomum camphora - Camphor Tree	634.94	
32 93 43 00-0599	EA	36" Box Cinnamomum camphora - Camphor Tree	1,785.78	
32 93 43 00-0600	EA	5 Gallon Cupressocyparis leylandii - Leyland Cypress	17.86	
32 93 43 00-0601	EA	15 Gallon Cupressocyparis leylandii - Leyland Cypress	71.44	
32 93 43 00-0602	EA	4' To 5' Cupressocyparis leylandii - Leyland Cypress	31.25	
32 93 43 00-0603	EA	5' To 6' Cupressocyparis leylandii - Leyland Cypress	40.18	
32 93 43 00-0604	EA	6' To 7' Cupressocyparis leylandii - Leyland Cypress	62.51	
32 93 43 00-0605	EA	24" Box Cupressocyparis leylandii - Leyland Cypress	151.81	
32 93 43 00-0606	EA	1 Gallon Cupressus macrocarpa - Monterey Cypress	3.26	
32 93 43 00-0607	EA	5 Gallon Cupressus macrocarpa - Monterey Cypress	14.66	
32 93 43 00-0608	EA	15 Gallon Cupressus macrocarpa - Monterey Cypress	48.85	
32 93 43 00-0609	EA	5 Gallon Cupressus sempervirens - Italian Cypress	16.81	
32 93 43 00-0610	EA	15 Gallon Cupressus sempervirens - Italian Cypress	46.22	
32 93 43 00-0611	EA	1 Gallon Eriobotrya deflexa - Bronze Loquat	25.79	
32 93 43 00-0612	EA	5 Gallon Eriobotrya deflexa - Bronze Loquat	71.43	
32 93 43 00-0613	EA	15 Gallon Eriobotrya deflexa - Bronze Loquat	313.50	
32 93 43 00-0614	EA	24" Box Eriobotrya deflexa - Bronze Loquat	754.00	
32 93 43 00-0615	EA	36" Box Eriobotrya deflexa - Bronze Loquat	2,182.62	
32 93 43 00-0616	EA	1 Gallon Heteromeles arbutifolia - Toyon	25.79	
32 93 43 00-0617	EA	5 Gallon Heteromeles arbutifolia - Toyon	71.43	
32 93 43 00-0618	EA	15 Gallon Heteromeles arbutifolia - Toyon	238.06	
32 93 43 00-0619	EA	24" Box Heteromeles arbutifolia - Toyon	754.00	
32 93 43 00-0620	EA	1 Gallon Juniperus horizontalis "Bar Harbor' - Bar Harbor Juniper	4.94	
32 93 43 00-0621	EA	2 Gallon Juniperus horizontalis "Bar Harbor' - Bar Harbor Juniper	9.66	
32 93 43 00-0622	EA	3 Gallon Juniperus horizontalis "Bar Harbor' - Bar Harbor Juniper	11.98	
32 93 43 00-0623	EA	5 Gallon Juniperus horizontalis "Bar Harbor' - Bar Harbor Juniper	14.08	
32 93 43 00-0624	EA	1 Gallon Juniperus - Blue Sargent Juniper	4.94	
32 93 43 00-0625	EA	2 Gallon Juniperus - Blue Sargent Juniper	9.66	
32 93 43 00-0626	EA	3 Gallon Juniperus - Blue Sargent Juniper	11.98	
32 93 43 00-0627	EA	5 Gallon Juniperus - Blue Sargent Juniper	14.08	
32 93 43 00-0628	EA	5 Gallon Juniperus - Compact Pfitzer Juniper	14.08	
32 93 43 00-0629	EA	15" To 18" Juniperus - Compact Pfitzer Juniper	15.23	
32 93 43 00-0630	EA	18" To 24" Juniperus - Compact Pfitzer Juniper	18.38	
32 93 43 00-0631	EA	2' To 2 1/2' Juniperus - Compact Pfitzer Juniper	27.31	
32 93 43 00-0632	EA	2-1/2' To 3' Juniperus - Compact Pfitzer Juniper	31.62	
32 93 43 00-0633	EA	5' To 6' Juniperus - Fairview Juniper	47.10	
32 93 43 00-0634	EA	1 Gallon Juniperus - Hollywood Juniper	6.30	
32 93 43 00-0635	EA	5 Gallon Juniperus - Hollywood Juniper	17.54	
32 93 43 00-0636	EA	15 Gallon Juniperus - Hollywood Juniper	74.38	
32 93 43 00-0637	EA	4' To 5' Juniperus - Hollywood Juniper	49.17	
32 93 43 00-0638	EA	5' To 6' Juniperus - Hollywood Juniper	63.35	
32 93 43 00-0639	EA	1 Gallon Juniperus - Parson's Juniper	4.94	
32 93 43 00-0640	EA	2 Gallon Juniperus - Parson's Juniper	9.77	
32 93 43 00-0641	EA	3 Gallon Juniperus - Parson's Juniper	12.08	
32 93 43 00-0642	EA	5 Gallon Juniperus - Parson's Juniper	14.29	
32 93 43 00-0643	EA	5 Gallon Juniperus - Skyrocket Juniper	17.65	
32 93 43 00-0644	EA	15 Gallon Juniperus - Skyrocket Juniper	75.11	
32 93 43 00-0645	EA	2' To 3' Juniperus - Skyrocket Juniper	26.47	
32 93 43 00-0646	EA	3' To 4' Juniperus - Skyrocket Juniper	37.50	
32 93 43 00-0647	EA	4' To 5' Juniperus - Skyrocket Juniper	49.69	
32 93 43 00-0648	EA	5' To 6' Juniperus - Skyrocket Juniper	64.08	
32 93 43 00-0649	EA	6' To 8' Juniperus - Skyrocket Juniper	82.78	
32 93 43 00-0650	EA	1 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	4.94	
32 93 43 00-0651	EA	2 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	9.72	
32 93 43 00-0652	EA	3 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	11.92	
32 93 43 00-0653	EA	5 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	14.13	
32 93 43 00-0654	EA	1 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper	4.94	
32 93 43 00-0655	EA	2 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper	9.72	
32 93 43 00-0656	EA	3 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper	11.92	
32 93 43 00-0657	EA	5 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper	14.13	
32 93 43 00-0658	EA	4' Metrosideros excelsus - New Zealand Christmas Tree	99.60	
32 93 43 00-0659	EA	5' Metrosideros excelsus - New Zealand Christmas Tree	134.95	
32 93 43 00-0660	EA	6' Metrosideros excelsus - New Zealand Christmas Tree	229.73	
32 93 43 00-0661	EA	8' Metrosideros excelsus - New Zealand Christmas Tree	284.35	
32 93 43 00-0662	EA	24" Box Metrosideros excelsus - New Zealand Christmas Tree	189.20	
32 93 43 00-0663	EA	1 Gallon Photinia fraseri - Fraser's Photinia	17.86	
32 93 43 00-0664	EA	5 Gallon Photinia fraseri - Fraser's Photinia	154.77	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0665	EA	15 Gallon Photinia fraseri - Fraser's Photinia	234.14	
32 93 43 00-0666	EA	24" Box Photinia fraseri - Fraser's Photinia	754.00	
32 93 43 00-0667	EA	1 Gallon Melaleuca citrina (Callistemon citrinus) - Lemon Bottlebrush	13.89	
32 93 43 00-0668	EA	5 Gallon Melaleuca citrina (Callistemon citrinus) - Lemon Bottlebrush	39.68	
32 93 43 00-0669	EA	15 Gallon Melaleuca citrina (Callistemon citrinus) - Lemon Bottlebrush	154.77	
32 93 43 00-0670	EA	24" Box Melaleuca citrina (Callistemon citrinus) - Lemon Bottlebrush	634.94	
32 93 43 00-0671	EA	36" Box Melaleuca citrina (Callistemon citrinus) - Lemon Bottlebrush	1,785.78	
32 93 43 00-0672	EA	1 Gallon Melaleuca viminalis (Callistemon viminalis) - Weeping Bottle Brush	17.86	
32 93 43 00-0673	EA	5 Gallon Melaleuca viminalis (Callistemon viminalis) - Weeping Bottle Brush	55.56	
32 93 43 00-0674	EA	15 Gallon Melaleuca viminalis (Callistemon viminalis) - Weeping Bottle Brush	194.45	
32 93 43 00-0675	EA	24" Box Melaleuca viminalis (Callistemon viminalis) - Weeping Bottle Brush	634.94	
32 93 43 00-0676	EA	36" Box Melaleuca viminalis (Callistemon viminalis) - Weeping Bottle Brush	1,785.78	
32 93 43 00-0677	EA	1 Gallon Metrosideros excelsa - New Zealand Christmas Tree	7.69	
32 93 43 00-0678	EA	5 Gallon Metrosideros excelsa - New Zealand Christmas Tree	28.97	
32 93 43 00-0679	EA	15 Gallon Metrosideros excelsa - New Zealand Christmas Tree	93.42	
32 93 43 00-0680	EA	24" Box Olea europaea 'Swan Hill' - Swan Hill Olive	992.10	
32 93 43 00-0681	EA	36" Box Olea europaea 'Swan Hill' - Swan Hill Olive	2,381.04	
32 93 43 00-0682	EA	3' Pinus sylvestris - Scotch Pine	45.89	
32 93 43 00-0683	EA	4' Pinus sylvestris - Scotch Pine	63.70	
32 93 43 00-0684	EA	5' Pinus sylvestris - Scotch Pine	89.41	
32 93 43 00-0685	EA	6' Pinus sylvestris - Scotch Pine	124.05	
32 93 43 00-0686	EA	7' Pinus sylvestris - Scotch Pine	151.99	
32 93 43 00-0687	EA	8' Pinus sylvestris - Scotch Pine	214.57	
32 93 43 00-0688	EA	9' Pinus sylvestris - Scotch Pine	272.41	
32 93 43 00-0689	EA	10' Pinus sylvestris - Scotch Pine	314.32	
32 93 43 00-0690	EA	12' Pinus sylvestris - Scotch Pine	370.19	
32 93 43 00-0691	EA	14' Pinus sylvestris - Scotch Pine	419.09	
32 93 43 00-0692	EA	16' Pinus sylvestris - Scotch Pine	488.93	
32 93 43 00-0693	EA	1 Gallon Pinus thunbergiana - Japanese Black Pine	4.94	
32 93 43 00-0694	EA	5 Gallon Pinus thunbergiana - Japanese Black Pine	17.54	
32 93 43 00-0695	EA	15 Gallon Pinus thunbergiana - Japanese Black Pine	56.84	
32 93 43 00-0696	EA	2' To 3' Pinus thunbergiana - Japanese Black Pine	24.06	
32 93 43 00-0697	EA	3' To 4' Pinus thunbergiana - Japanese Black Pine	30.57	
32 93 43 00-0698	EA	4' To 5' Pinus thunbergiana - Japanese Black Pine	45.91	
32 93 43 00-0699	EA	5' To 6' Pinus thunbergiana - Japanese Black Pine	89.61	
32 93 43 00-0700	EA	6' To 7' Pinus Thunbergiana - Japanese Black Pine	100.54	
32 93 43 00-0701	EA	7' To 8' Pinus thunbergiana - Japanese Black Pine	125.65	
32 93 43 00-0702	EA	6' Pinus flexilis & cvs - Limber Pine	174.62	
32 93 43 00-0703	EA	7' Pinus flexilis & cvs - Limber Pine	202.56	
32 93 43 00-0704	EA	8' Pinus flexilis & cvs - Limber Pine	251.45	
32 93 43 00-0705	EA	9' Pinus flexilis & cvs - Limber Pine	307.33	
32 93 43 00-0706	EA	10' Pinus flexilis & cvs - Limber Pine	349.24	
32 93 43 00-0707	EA	1 Gallon Pinus mugo - Mugho Pine	6.51	
32 93 43 00-0708	EA	2 Gallon Pinus mugo - Mugho Pine	13.76	
32 93 43 00-0709	EA	3 Gallon Pinus mugo - Mugho Pine	17.23	
32 93 43 00-0710	EA	5 Gallon Pinus mugo - Mugho Pine	21.85	
32 93 43 00-0711	EA	12" To 15" Spread Pinus mugo - Mugho Pine	16.91	
32 93 43 00-0712	EA	15" To 18" Spread Pinus mugo - Mugho Pine	20.17	
32 93 43 00-0713	EA	18" To 24" Spread Pinus mugo - Mugho Pine	27.31	
32 93 43 00-0714	EA	2' To 2-1/2' Spread Pinus mugo - Mugho Pine	38.24	
32 93 43 00-0715	EA	2-1/2' To 3' Spread Pinus mugo - Mugho Pine	49.17	
32 93 43 00-0716	EA	3' To 3-1/2' Spread Pinus mugo - Mugho Pine	61.25	
32 93 43 00-0717	EA	3-1/2' To 4' Spread Pinus mugo - Mugho Pine	74.38	
32 93 43 00-0718	EA	6' Pinus nigra - Austrian Pine	174.62	
32 93 43 00-0719	EA	7' Pinus nigra - Austrian Pine	209.54	
32 93 43 00-0720	EA	8' Pinus nigra - Austrian Pine	272.41	
32 93 43 00-0721	EA	9' Pinus nigra - Austrian Pine	314.32	
32 93 43 00-0722	EA	10' Pinus nigra - Austrian Pine	370.19	
32 93 43 00-0723	EA	12' Pinus nigra - Austrian Pine	419.09	
32 93 43 00-0724	EA	14' Pinus nigra - Austrian Pine	467.98	
32 93 43 00-0725	EA	16' Pinus nigra - Austrian Pine	530.84	
32 93 43 00-0726	EA	1 Gallon Podocarpus - Chinese Podocarpus	3.26	
32 93 43 00-0727	EA	3 Gallon Podocarpus - Chinese Podocarpus	7.56	
32 93 43 00-0728	EA	7 Gallon Podocarpus - Chinese Podocarpus	21.85	
32 93 43 00-0729	EA	15 Gallon Podocarpus - Chinese Podocarpus	35.51	
32 93 43 00-0730	EA	4' To 5' Podocarpus - Chinese Podocarpus	54.63	
32 93 43 00-0731	EA	5' To 6' Sequoia sempervirens - Dawn Redwood	68.29	
32 93 43 00-0732	EA	6' To 8' Sequoia sempervirens - Dawn Redwood	92.19	
32 93 43 00-0733	EA	8' To 10' Sequoia sempervirens - Dawn Redwood	112.67	
32 93 43 00-0734	EA	3' To 4' Thuja occidentalis 'Wareana' - Siberian Arborvitae	13.17	
32 93 43 00-0735	EA	3' To 4' Thuja occidentalis ' Woodwadrii' - Woodward Arborvitae	24.65	
32 93 43 00-0736	EA	6' Pinus canariensis - Canary Island Pine	385.56	
32 93 43 00-0737	EA	8' Pinus canariensis - Canary Island Pine	514.08	
32 93 43 00-0738	EA	10' Pinus canariensis - Canary Island Pine	642.60	
32 93 43 00-0739	EA	12' Pinus canariensis - Canary Island Pine	771.12	
32 93 43 00-0740	EA	1 Gallon Pinus canariensis - Canary Island Pine	25.79	
32 93 43 00-0741	EA	5 Gallon Pinus canariensis - Canary Island Pine	71.43	
32 93 43 00-0742	EA	15 Gallon Pinus canariensis - Canary Island Pine	234.14	
32 93 43 00-0743	EA	24" Box Pinus canariensis - Canary Island Pine	396.81	
32 93 43 00-0744	EA	1 Gallon Pinus eldarica - Eldarica Pine, Afghan Pine, Mondell Pine	17.86	
32 93 43 00-0745	EA	5 Gallon Pinus eldarica - Eldarica Pine, Afghan Pine, Mondell Pine	55.56	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0746	EA	15 Gallon Pinus eldarica - Eldarica Pine, Afghan Pine, Mondell Pine	194.45	
32 93 43 00-0747	EA	24" Box Pinus eldarica - Eldarica Pine, Afghan Pine, Mondell Pine	634.94	
32 93 43 00-0748	EA	36" Box Pinus eldarica - Eldarica Pine, Afghan Pine, Mondell Pine	1,785.78	
32 93 43 00-0749	EA	1 Gallon Pinus halepensis - Aleppo Pine	17.86	
32 93 43 00-0750	EA	5 Gallon Pinus halepensis - Aleppo Pine	55.56	
32 93 43 00-0751	EA	15 Gallon Pinus halepensis - Aleppo Pine	194.45	
32 93 43 00-0752	EA	24" Box Pinus halepensis - Aleppo Pine	634.94	
32 93 43 00-0753	EA	36" Box Pinus halepensis - Aleppo Pine	1,785.78	
32 93 43 00-0754	EA	1 Gallon Pinus muricata - Bishop Pine	39.64	
32 93 43 00-0755	EA	5 Gallon Pinus muricata - Bishop Pine	119.01	
32 93 43 00-0756	EA	15 Gallon Pinus patula - Jelecote Pine, Mexican Weeping Pine	257.95	
32 93 43 00-0757	EA	24" Box Pinus patula - Jelecote Pine, Mexican Weeping Pine	892.89	
32 93 43 00-0758	EA	6' Pinus pinea - Italian Stone Pine	385.56	
32 93 43 00-0759	EA	8' Pinus pinea - Italian Stone Pine	514.08	
32 93 43 00-0760	EA	10' Pinus pinea - Italian Stone Pine	642.60	
32 93 43 00-0761	EA	12' Pinus pinea - Italian Stone Pine	771.12	
32 93 43 00-0762	EA	1 Gallon Pinus pinea - Italian Stone Pine	13.57	
32 93 43 00-0763	EA	5 Gallon Pinus pinea - Italian Stone Pine	37.59	
32 93 43 00-0764	EA	15 Gallon Pinus pinea - Italian Stone Pine	123.22	
32 93 43 00-0765	EA	24" Box Pinus pinea - Italian Stone Pine	334.15	
32 93 43 00-0766	EA	36" Box Pinus pinea - Italian Stone Pine	939.80	
32 93 43 00-0767	EA	1 Gallon Rhus lancea - African Sumac	25.79	
32 93 43 00-0768	EA	5 Gallon Rhus lancea - African Sumac	71.43	
32 93 43 00-0769	EA	15 Gallon Rhus lancea - African Sumac	194.45	
32 93 43 00-0770	EA	1 Gallon Pinus torreyana - Torrey Pine	39.29	
32 93 43 00-0771	EA	5 Gallon Pinus torreyana - Torrey Pine	97.23	
32 93 43 00-0772	EA	15 Gallon Pinus torreyana - Torrey Pine	313.50	
32 93 43 00-0773	EA	24" Box Pinus torreyana - Torrey Pine	754.00	
32 93 43 00-0774	EA	36" Box Pinus torreyana - Torrey Pine	2,182.62	
32 93 43 00-0775	EA	6' Pittosporum undulatum - Victorian Box	212.06	
32 93 43 00-0776	EA	8' Pittosporum undulatum - Victorian Box	335.76	
32 93 43 00-0777	EA	10' Pittosporum undulatum - Victorian Box	441.79	
32 93 43 00-0778	EA	6' Afrocarpus falcatus (Podocarpus gracilior) - African Fern Pine	401.62	
32 93 43 00-0779	EA	8' Afrocarpus falcatus (Podocarpus gracilior) - African Fern Pine	530.14	
32 93 43 00-0780	EA	10' Afrocarpus falcatus (Podocarpus gracilior) - African Fern Pine	674.73	
32 93 43 00-0781	EA	12' Afrocarpus falcatus (Podocarpus gracilior) - African Fern Pine	803.25	
32 93 43 00-0782	EA	24" Box Afrocarpus falcatus (Podocarpus gracilior) - African Fern Pine	187.96	
32 93 43 00-0783	EA	1 Gallon Laurus nobilis - Sweet Bay	17.86	
32 93 43 00-0784	EA	5 Gallon Laurus nobilis - Sweet Bay	55.56	
32 93 43 00-0785	EA	15 Gallon Laurus nobilis - Sweet Bay	194.45	
32 93 43 00-0786	EA	24" Box Laurus nobilis - Sweet Bay	634.94	
32 93 43 00-0787	EA	36" Box Laurus nobilis - Sweet Bay	2,182.62	
32 93 43 00-0788	EA	5 Gallon Lophostemon confertus (Tristania conferta) - Brisbane Box	55.56	
32 93 43 00-0789	EA	15 Gallon Lophostemon confertus (Tristania conferta) - Brisbane Box	194.45	
32 93 43 00-0790	EA	24" Box Lophostemon confertus (Tristania conferta) - Brisbane Box	634.94	
32 93 43 00-0791	EA	36" Box Lophostemon confertus (Tristania conferta) - Brisbane Box	1,785.78	
32 93 43 00-0792	EA	1 Gallon Lyonothamnus floribundus - Catalina Ironwood	39.29	
32 93 43 00-0793	EA	5 Gallon Lyonothamnus floribundus - Catalina Ironwood	97.23	
32 93 43 00-0794	EA	15 Gallon Lyonothamnus floribundus - Catalina Ironwood	496.05	
32 93 43 00-0795	EA	24" Box Lyonothamnus floribundus - Catalina Ironwood	992.10	
32 93 43 00-0796	EA	1 Gallon Lyonothamnus floribundus ssp. asplenifolius - Catalinia Ironwood	39.64	
32 93 43 00-0797	EA	5 Gallon Lyonothamnus floribundus ssp. asplenifolius - Catalinia Ironwood	119.01	
32 93 43 00-0798	EA	6' Melaleuca linariifolia - Flaxleaf Paperbark	337.36	
32 93 43 00-0799	EA	8' Melaleuca linariifolia - Flaxleaf Paperbark	449.82	
32 93 43 00-0800	EA	10' Melaleuca linariifolia - Flaxleaf Paperbark	562.28	
32 93 43 00-0801	EA	12' Melaleuca linariifolia - Flaxleaf Paperbark	674.73	
32 93 43 00-0802	EA	1 Gallon Melaleuca linariifolia - Flaxleaf Paperbark	9.40	
32 93 43 00-0803	EA	5 Gallon Melaleuca linariifolia - Flaxleaf Paperbark	29.24	
32 93 43 00-0804	EA	15 Gallon Melaleuca linariifolia - Flaxleaf Paperbark	102.33	
32 93 43 00-0805	EA	24" Box Melaleuca linariifolia - Flaxleaf Paperbark	334.15	
32 93 43 00-0806	EA	6' Melaleuca quinquenervia - Cajeput Tree	337.36	
32 93 43 00-0807	EA	8' Melaleuca quinquenervia - Cajeput Tree	449.82	
32 93 43 00-0808	EA	10' Melaleuca quinquenervia - Cajeput Tree	562.28	
32 93 43 00-0809	EA	12' Melaleuca quinquenervia - Cajeput Tree	674.73	
32 93 43 00-0810	EA	24" Box Melaleuca quinquenervia - Cajeput Tree	187.96	
32 93 43 00-0811	EA	30" Box Melaleuca quinquenervia - Cajeput Tree	473.92	
32 93 43 00-0812	EA	36" Box Melaleuca quinquenervia - Cajeput Tree	747.02	
32 93 43 00-0813	EA	1 Gallon Podocarpus macrophyllus - Yew Pine	7.47	
32 93 43 00-0814	EA	3 Gallon Podocarpus macrophyllus - Yew Pine	17.51	
32 93 43 00-0815	EA	5 Gallon Podocarpus macrophyllus - Yew Pine	22.97	
32 93 43 00-0816	EA	15 Gallon Podocarpus macrophyllus - Yew Pine	99.60	
32 93 43 00-0817	EA	24" Box Podocarpus macrophyllus - Yew Pine	192.78	
32 93 43 00-0818	EA	15 Gallon Prosopis alba 'Colorado' - Argentine Mesquite	226.16	
32 93 43 00-0819	EA	24" Box Prosopis alba 'Colorado' - Argentine Mesquite	785.70	
32 93 43 00-0820	EA	15 Gallon Prosopis hybrid 'Phoenix' - Phoenix Mesquite	226.16	
32 93 43 00-0821	EA	24" Box Prosopis hybrid 'Phoenix' - Phoenix Mesquite	785.70	
32 93 43 00-0822	EA	1 Gallon Prunus ilicifolia ssp lyonii (Prunus lyonii) - Catalina Cherry	25.79	
32 93 43 00-0823	EA	5 Gallon Prunus ilicifolia ssp lyonii (Prunus lyonii) - Catalina Cherry	97.23	
32 93 43 00-0824	EA	15 Gallon Prunus ilicifolia ssp lyonii (Prunus lyonii) - Catalina Cherry	218.26	
32 93 43 00-0825	EA	24" Box Prunus ilicifolia ssp lyonii (Prunus lyonii) - Catalina Cherry	754.00	
32 93 43 00-0826	EA	24" Box Quercus engelmannii - Mesa Oak	952.42	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0827	EA	36" Box Quercus engelmannii - Mesa Oak	2,381.04	
32 93 43 00-0828	EA	5 Gallon Quillaja saponaria - Soapbark Tree	257.95	
32 93 43 00-0829	EA	15 Gallon Quillaja saponaria - Soapbark Tree	892.89	
32 93 43 00-0830	EA	24" Box Rhus lancea - African Sumac	198.40	
32 93 43 00-0831	EA	30" Box Rhus lancea - African Sumac	321.30	
32 93 43 00-0832	EA	8' Rhus lancea - African Sumac	481.95	
32 93 43 00-0833	EA	10' Rhus lancea - African Sumac	538.18	
32 93 43 00-0834	EA	12' Rhus lancea - African Sumac	642.60	
32 93 43 00-0835	EA	1 Gallon Tristania conferta - Brisbane Box	25.79	
32 93 43 00-0836	EA	5 Gallon Tristania conferta - Brisbane Box	71.43	
32 93 43 00-0837	EA	15 Gallon Tristania conferta - Brisbane Box	194.45	
32 93 43 00-0838	EA	24" Box Tristania conferta - Brisbane Box	634.94	
32 93 43 00-0839	EA	36" Box Tristania conferta - Brisbane Box	1,785.78	

32 93 43 00-0840 Palm And Subtropical Trees *(32 93 43)*

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0841	EA	4' To 5' Acacia baileyana - Bailey Acacia	262.78	
32 93 43 00-0842	EA	6' Acacia baileyana - Bailey Acacia	315.34	
32 93 43 00-0843	EA	8' Acacia baileyana - Bailey Acacia	367.89	
32 93 43 00-0844	EA	10' Acacia baileyana - Bailey Acacia	459.86	
32 93 43 00-0845	EA	6' Agonis flexuosa - Peppermint Tree	157.67	
32 93 43 00-0846	EA	8' Agonis flexuosa - Peppermint Tree	197.08	
32 93 43 00-0847	EA	10' Agonis flexuosa - Peppermint Tree	236.50	
32 93 43 00-0848	EA	24" Box Agonis flexuosa - Peppermint Tree	196.43	
32 93 43 00-0849	EA	4' To 5' Bauninia blakeana - Hong Kong Orchid	466.85	
32 93 43 00-0850	EA	6' Bauninia blakeana - Hong Kong Orchid	553.71	
32 93 43 00-0851	EA	8' Bauninia blakeana - Hong Kong Orchid	738.28	
32 93 43 00-0852	EA	10' Bauninia blakeana - Hong Kong Orchid	922.84	
32 93 43 00-0853	EA	6' Bauhinia purpurea - Purple Orchid Tree	586.28	
32 93 43 00-0854	EA	8' Bauhinia purpurea - Purple Orchid Tree	781.70	
32 93 43 00-0855	EA	10' Bauhinia purpurea - Purple Orchid Tree	977.13	
32 93 43 00-0856	EA	24" Box Bauhinia purpurea - Purple Orchid Tree	254.05	
32 93 43 00-0857	EA	6' Bauhinia variegata candida - White Orchid Tree	651.42	
32 93 43 00-0858	EA	8' Bauhinia variegata candida - White Orchid Tree	868.56	
32 93 43 00-0859	EA	10' Bauhinia variegata candida - White Orchid Tree	1,085.70	
32 93 43 00-0860	EA	6' Callistemon citrinus - Crimson or Lemon Bottle Brush	354.75	
32 93 43 00-0861	EA	8' Callistemon citrinus - Crimson or Lemon Bottle Brush	473.00	
32 93 43 00-0862	EA	10' Callistemon citrinus - Crimson or Lemon Bottle Brush	591.26	
32 93 43 00-0863	EA	6' Callistemon viminalis - Weeping Bottle Brush	354.75	
32 93 43 00-0864	EA	8' Callistemon viminalis - Weeping Bottle Brush	473.00	
32 93 43 00-0865	EA	10' Callistemon viminalis - Weeping Bottle Brush	591.26	
32 93 43 00-0866	EA	12' Callistemon viminalis - Weeping Bottle Brush	709.51	
32 93 43 00-0867	EA	6' Eriobotrya deflexa - Bronze Loquat	586.28	
32 93 43 00-0868	EA	8' Eriobotrya deflexa - Bronze Loquat	781.70	
32 93 43 00-0869	EA	10' Eriobotrya deflexa - Bronze Loquat	977.13	
32 93 43 00-0870	EA	6' Eucalyptus erythrocorys - Red Cap Gum	586.28	
32 93 43 00-0871	EA	8' Eucalyptus erythrocorys - Red Cap Gum	781.70	
32 93 43 00-0872	EA	10' Eucalyptus erythrocorys - Red Cap Gum	977.13	
32 93 43 00-0873	EA	6' Eucalyptus gunnii - Cider Gum	586.28	
32 93 43 00-0874	EA	8' Eucalyptus gunnii - Cider Gum	781.70	
32 93 43 00-0875	EA	10' Eucalyptus gunnii - Cider Gum	977.13	
32 93 43 00-0876	EA	6' Eucalyptus leucoxylon - White Ironbark	586.28	
32 93 43 00-0877	EA	8' Eucalyptus leucoxylon - White Ironbark	781.70	
32 93 43 00-0878	EA	10' Eucalyptus leucoxylon - White Ironbark	977.13	
32 93 43 00-0879	EA	12' Eucalyptus leucoxylon - White Ironbark	1,172.56	
32 93 43 00-0880	EA	6' Eucalyptus polyanthemos - Silver Dollar Gum	586.28	
32 93 43 00-0881	EA	8' Eucalyptus polyanthemos - Silver Dollar Gum	781.70	
32 93 43 00-0882	EA	10' Eucalyptus polyanthemos - Silver Dollar Gum	977.13	
32 93 43 00-0883	EA	6' Eucalyptus torquala - Coral Gum	586.28	
32 93 43 00-0884	EA	8' Eucalyptus torquala - Coral Gum	781.70	
32 93 43 00-0885	EA	10' Eucalyptus torquala - Coral Gum	977.13	
32 93 43 00-0886	EA	8' Fraxinus oxycarpa "Raywood" - Raywood Ash	367.89	
32 93 43 00-0887	EA	10' Fraxinus oxycarpa "Raywood" - Raywood Ash	499.28	
32 93 43 00-0888	EA	12' Fraxinus oxycarpa "Raywood" - Raywood Ash	617.53	
32 93 43 00-0889	EA	6' Jacarandra acutifolia - Jacaranda	586.28	
32 93 43 00-0890	EA	8' Jacarandra acutifolia - Jacaranda	781.70	
32 93 43 00-0891	EA	10' Jacarandra acutifolia - Jacaranda	977.13	
32 93 43 00-0892	EA	24" Box Jacarandra acutifolia - Jacaranda	254.05	
32 93 43 00-0893	EA	6' Olea europaea - Olive "Fruitless"	433.76	
32 93 43 00-0894	EA	8' Olea europaea - Olive "Fruitless"	578.34	
32 93 43 00-0895	EA	10' Olea europaea - Olive "Fruitless"	722.92	
32 93 43 00-0896	EA	12' Olea europaea - Olive "Fruitless"	867.51	
32 93 43 00-0897	EA	24" Box Olea europaea - Olive "Fruitless"	533.36	
32 93 43 00-0898	EA	5 Gallon Pistacia chinensis - Chinese Pistache	39.09	
32 93 43 00-0899	EA	15 Gallon Pistacia chinensis - Chinese Pistache	130.28	
32 93 43 00-0900	EA	24" Box Pistacia chinensis - Chinese Pistache	505.94	
32 93 43 00-0901	EA	36" Box Pistacia chinensis - Chinese Pistache	1,346.27	
32 93 43 00-0902	EA	48" Box Pistacia chinensis - Chinese Pistache	2,866.25	
32 93 43 00-0903	EA	9' Ptychosperma elegans - Alexander Palm, Solitaire Palm	162.86	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0904	EA	11' Ptychosperma elegans - Alexander Palm, Solitaire Palm	271.42	
32 93 43 00-0905	EA	15' Ptychosperma elegans - Alexander Palm, Solitaire Palm	412.57	
32 93 43 00-0906	EA	17' Ptychosperma elegans - Alexander Palm, Solitaire Palm	466.85	
32 93 43 00-0907	EA	20' Ptychosperma elegans - Alexander Palm, Solitaire Palm	542.85	
32 93 43 00-0908	EA	5 Gallon Pyrus kawakamii - Evergreen Pear, Single	24.44	
32 93 43 00-0909	EA	15 Gallon Pyrus kawakamii - Evergreen Pear, Single	81.46	
32 93 43 00-0910	EA	24" Box Pyrus kawakamii - Evergreen Pear, Single	306.14	
32 93 43 00-0911	EA	30" Box Pyrus kawakamii - Evergreen Pear, Single	559.72	
32 93 43 00-0912	EA	36" Box Pyrus kawakamii - Evergreen Pear, Single	814.62	
32 93 43 00-0913	EA	5 Gallon Pyrus kawakamii - Evergreen Pear, Multi	24.44	
32 93 43 00-0914	EA	15 Gallon Pyrus kawakamii - Evergreen Pear, Multi	86.72	
32 93 43 00-0915	EA	24" Box Pyrus kawakamii - Evergreen Pear, Multi	315.34	
32 93 43 00-0916	EA	30" Box Pyrus kawakamii - Evergreen Pear, Multi	559.72	
32 93 43 00-0917	EA	36" Box Pyrus kawakamii - Evergreen Pear, Multi	814.62	
32 93 43 00-0918	EA	1 Gallon Washingtonia robusta - Mexican Fan Palm	9.54	
32 93 43 00-0919	EA	5 Gallon Washingtonia robusta - Mexican Fan Palm	29.68	
32 93 43 00-0920	EA	15 Gallon Washingtonia robusta - Mexican Fan Palm	103.88	
32 93 43 00-0921	EA	24" Box Washingtonia robusta - Mexican Fan Palm	339.22	
32 93 43 00-0922	EA	36" Box Washingtonia robusta - Mexican Fan Palm	901.04	
32 93 43 00-0923	EA	6' Washingtonia robusta - Mexican Fan Palm	586.28	
32 93 43 00-0924	EA	8' Washingtonia robusta - Mexican Fan Palm	781.70	
32 93 43 00-0925	EA	10' Washingtonia robusta - Mexican Fan Palm	977.13	
32 93 43 00-0926	EA	12' Washingtonia robusta - Mexican Fan Palm	1,172.56	
32 93 43 00-0927	EA	5 Gallon Phoenix roebelenii - Pygmy Date Palm	43.24	
32 93 43 00-0928	EA	7 Gallon Phoenix roebelenii - Pygmy Date Palm	105.39	
32 93 43 00-0929	EA	15 Gallon Phoenix roebelenii - Pygmy Date Palm	159.44	
32 93 43 00-0930	EA	24" Box Phoenix roebelenii - Pygmy Date Palm	472.92	

32 93 83 Planting of Trees, Shrubs and Ground Cover *(32 93)*

Note: Includes moving plant(s) from truck or staging site to planting site, excavation of hole, placing plant in hole, backfill and compaction. Use appropriate gallon, height or caliper size to match with description from plant section.

32 93 83 00-0001 Planting Trees *(32 93 83)*

Note: Excludes mulch. See CSI section 32 91 13 16-0001 for mulch.

32 93 83 00-0002	EA	3" To 5" Bare Root Seedlings Tree Planting	1.63	
32 93 83 00-0003	EA	6" To 10" Bare Root Seedlings Tree Planting	2.62	
32 93 83 00-0004	EA	11" To 16" Bare Root Seedlings Tree Planting	3.27	
32 93 83 00-0005	EA	17" To 24" Bare Root Seedlings Tree Planting	5.24	
32 93 83 00-0006	EA	1 Gallon Container Tree Planting	26.16	
		For >10 To 25, Deduct	*-1.31*	
		For >25 To 50, Deduct	*-3.27*	
		For >50 To 100, Deduct	*-5.23*	
		For >100, Deduct	*-7.85*	
32 93 83 00-0007	EA	2 Gallon Container Tree Planting	36.62	
		For >10 To 25, Deduct	*-1.83*	
		For >25 To 50, Deduct	*-4.58*	
		For >50 To 100, Deduct	*-7.32*	
		For >100, Deduct	*-10.99*	
32 93 83 00-0008	EA	3 Gallon Container Tree Planting	47.08	
		For >10 To 25, Deduct	*-2.35*	
		For >25 To 50, Deduct	*-5.89*	
		For >50 To 100, Deduct	*-9.42*	
		For >100, Deduct	*-14.12*	
32 93 83 00-0009	EA	5 Gallon Container Tree Planting	78.47	
		For >10 To 25, Deduct	*-3.92*	
		For >25 To 50, Deduct	*-9.81*	
		For >50 To 100, Deduct	*-15.69*	
		For >100, Deduct	*-23.54*	
32 93 83 00-0010	EA	7 Gallon Container Tree Planting	104.62	
		For >10 To 25, Deduct	*-5.23*	
		For >25 To 50, Deduct	*-13.08*	
		For >50 To 100, Deduct	*-20.92*	
		For >100, Deduct	*-31.39*	
32 93 83 00-0011	EA	10 Gallon Container Tree Planting	136.01	
		For >10 To 25, Deduct	*-6.80*	
		For >25 To 50, Deduct	*-17.00*	
		For >50 To 100, Deduct	*-27.20*	
		For >100, Deduct	*-40.80*	
32 93 83 00-0012	EA	15 Gallon Container Tree Planting	193.55	
		For >10 To 25, Deduct	*-9.68*	
		For >25 To 50, Deduct	*-24.19*	
		For >50 To 100, Deduct	*-38.71*	
		For >100, Deduct	*-58.07*	
32 93 83 00-0013	EA	20 Gallon Container Tree Planting	319.11	
		For >10 To 25, Deduct	*-15.96*	
		For >25 To 50, Deduct	*-39.89*	
		For >50 To 100, Deduct	*-63.82*	
		For >100, Deduct	*-95.73*	
32 93 83 00-0014	EA	25 Gallon Container Tree Planting	413.26	
		For >10 To 25, Deduct	*-20.66*	
		For >25 To 50, Deduct	*-51.66*	
		For >50 To 100, Deduct	*-82.65*	
		For >100, Deduct	*-123.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0015	EA	30 Gallon Container Tree Planting	496.96	
		For >10 To 25, Deduct	*-24.85*	
		For >25 To 50, Deduct	*-62.12*	
		For >50 To 100, Deduct	*-99.39*	
		For >100, Deduct	*-149.09*	
32 93 83 00-0016	EA	45 Gallon Container Tree Planting	617.29	
		For >10 To 25, Deduct	*-30.86*	
		For >25 To 50, Deduct	*-77.16*	
		For >50 To 100, Deduct	*-123.46*	
		For >100, Deduct	*-185.19*	
32 93 83 00-0017	EA	65 Gallon Container Tree Planting	732.37	
		For >10 To 25, Deduct	*-36.62*	
		For >25 To 50, Deduct	*-91.55*	
		For >50 To 100, Deduct	*-146.47*	
		For >100, Deduct	*-219.71*	
32 93 83 00-0018	EA	6' Balled And Burlapped Tree Planting	261.57	
		For >10 To 25, Deduct	*-13.08*	
		For >25 To 50, Deduct	*-32.70*	
		For >50 To 100, Deduct	*-52.31*	
		For >100, Deduct	*-78.47*	
32 93 83 00-0019	EA	7' Balled And Burlapped Tree Planting	348.40	
		For >10 To 25, Deduct	*-17.42*	
		For >25 To 50, Deduct	*-43.55*	
		For >50 To 100, Deduct	*-69.68*	
		For >100, Deduct	*-104.52*	
32 93 83 00-0020	EA	8' Balled And Burlapped Tree Planting	392.34	
		For >10 To 25, Deduct	*-19.62*	
		For >25 To 50, Deduct	*-49.04*	
		For >50 To 100, Deduct	*-78.47*	
		For >100, Deduct	*-117.70*	
32 93 83 00-0021	EA	10' Balled And Burlapped Tree Planting	457.74	
		For >10 To 25, Deduct	*-22.89*	
		For >25 To 50, Deduct	*-57.22*	
		For >50 To 100, Deduct	*-91.55*	
		For >100, Deduct	*-137.32*	
32 93 83 00-0022	EA	12' Balled And Burlapped Tree Planting	612.05	
		For >10 To 25, Deduct	*-30.60*	
		For >25 To 50, Deduct	*-76.51*	
		For >50 To 100, Deduct	*-122.41*	
		For >100, Deduct	*-183.62*	
32 93 83 00-0023	EA	14' Balled And Burlapped Tree Planting	700.99	
		For >10 To 25, Deduct	*-35.05*	
		For >25 To 50, Deduct	*-87.62*	
		For >50 To 100, Deduct	*-140.20*	
		For >100, Deduct	*-210.30*	
32 93 83 00-0024	EA	16' Balled And Burlapped Tree Planting	850.08	
		For >10 To 25, Deduct	*-42.50*	
		For >25 To 50, Deduct	*-106.26*	
		For >50 To 100, Deduct	*-170.02*	
		For >100, Deduct	*-255.02*	
32 93 83 00-0025	EA	18' Balled And Burlapped Tree Planting	1,020.09	
		For >10 To 25, Deduct	*-51.00*	
		For >25 To 50, Deduct	*-127.51*	
		For >50 To 100, Deduct	*-204.02*	
		For >100, Deduct	*-306.03*	
32 93 83 00-0026	EA	20' Balled And Burlapped Tree Planting	1,177.03	
		For >10 To 25, Deduct	*-58.85*	
		For >25 To 50, Deduct	*-147.13*	
		For >50 To 100, Deduct	*-235.41*	
		For >100, Deduct	*-353.11*	
32 93 83 00-0027	EA	1-1/2" Caliper Balled And Burlapped Tree Planting	392.34	
		For >10 To 25, Deduct	*-19.62*	
		For >25 To 50, Deduct	*-49.04*	
		For >50 To 100, Deduct	*-78.47*	
		For >100, Deduct	*-117.70*	
32 93 83 00-0028	EA	2" Caliper Balled And Burlapped Tree Planting	457.74	
		For >10 To 25, Deduct	*-22.89*	
		For >25 To 50, Deduct	*-57.22*	
		For >50 To 100, Deduct	*-91.55*	
		For >100, Deduct	*-137.32*	
32 93 83 00-0029	EA	2-1/2" Caliper Balled And Burlapped Tree Planting	614.67	
		For >10 To 25, Deduct	*-30.73*	
		For >25 To 50, Deduct	*-76.83*	
		For >50 To 100, Deduct	*-122.93*	
		For >100, Deduct	*-184.40*	
32 93 83 00-0030	EA	3" Caliper Balled And Burlapped Tree Planting	706.21	
		For >10 To 25, Deduct	*-35.31*	
		For >25 To 50, Deduct	*-88.28*	
		For >50 To 100, Deduct	*-141.24*	
		For >100, Deduct	*-211.86*	
32 93 83 00-0031	EA	3-1/2" Caliper Balled And Burlapped Tree Planting	784.69	
		For >10 To 25, Deduct	*-39.23*	
		For >25 To 50, Deduct	*-98.09*	
		For >50 To 100, Deduct	*-156.94*	
		For >100, Deduct	*-235.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0032	EA	4" Caliper Balled And Burlapped Tree Planting	899.76	
		For >10 To 25, Deduct	*-44.99*	
		For >25 To 50, Deduct	*-112.47*	
		For >50 To 100, Deduct	*-179.95*	
		For >100, Deduct	*-269.93*	

32 93 83 00-0033 Planting Shrubs *(32 93 83)*

Note: Excludes mulch. See CSI section 32 91 13 16-0001 for mulch.

32 93 83 00-0034	EA	1 Gallon Container Shrub Planting	22.24	
		For >10 To 25, Deduct	*-1.11*	
		For >25 To 50, Deduct	*-2.78*	
		For >50 To 100, Deduct	*-4.45*	
		For >100, Deduct	*-6.67*	
32 93 83 00-0035	EA	2 Gallon Container Shrub Planting	31.38	
		For >10 To 25, Deduct	*-1.57*	
		For >25 To 50, Deduct	*-3.92*	
		For >50 To 100, Deduct	*-6.28*	
		For >100, Deduct	*-9.41*	
32 93 83 00-0036	EA	3 Gallon Container Shrub Planting	39.24	
		For >10 To 25, Deduct	*-1.96*	
		For >25 To 50, Deduct	*-4.91*	
		For >50 To 100, Deduct	*-7.85*	
		For >100, Deduct	*-11.77*	
32 93 83 00-0037	EA	4 Gallon Container Shrub Planting	52.32	
		For >10 To 25, Deduct	*-2.62*	
		For >25 To 50, Deduct	*-6.54*	
		For >50 To 100, Deduct	*-10.46*	
		For >100, Deduct	*-15.70*	
32 93 83 00-0038	EA	5 Gallon Container Shrub Planting	65.39	
		For >10 To 25, Deduct	*-3.27*	
		For >25 To 50, Deduct	*-8.17*	
		For >50 To 100, Deduct	*-13.08*	
		For >100, Deduct	*-19.62*	
32 93 83 00-0039	EA	7 Gallon Container Shrub Planting	88.93	
		For >10 To 25, Deduct	*-4.45*	
		For >25 To 50, Deduct	*-11.12*	
		For >50 To 100, Deduct	*-17.79*	
		For >100, Deduct	*-26.68*	
32 93 83 00-0040	EA	10 Gallon Container Shrub Planting	117.70	
		For >10 To 25, Deduct	*-5.89*	
		For >25 To 50, Deduct	*-14.71*	
		For >50 To 100, Deduct	*-23.54*	
		For >100, Deduct	*-35.31*	
32 93 83 00-0041	EA	15 Gallon Container Shrub Planting	162.17	
		For >10 To 25, Deduct	*-8.11*	
		For >25 To 50, Deduct	*-20.27*	
		For >50 To 100, Deduct	*-32.43*	
		For >100, Deduct	*-48.65*	
32 93 83 00-0042	EA	20 Gallon Container Shrub Planting	272.03	
		For >10 To 25, Deduct	*-13.60*	
		For >25 To 50, Deduct	*-34.00*	
		For >50 To 100, Deduct	*-54.41*	
		For >100, Deduct	*-81.61*	
32 93 83 00-0043	EA	25 Gallon Container Shrub Planting	348.40	
		For >10 To 25, Deduct	*-17.42*	
		For >25 To 50, Deduct	*-43.55*	
		For >50 To 100, Deduct	*-69.68*	
		For >100, Deduct	*-104.52*	
32 93 83 00-0044	EA	15" Balled And Burlapped Shrub Planting	73.24	
		For >10 To 25, Deduct	*-3.66*	
		For >25 To 50, Deduct	*-9.16*	
		For >50 To 100, Deduct	*-14.65*	
		For >100, Deduct	*-21.97*	
32 93 83 00-0045	EA	18" Balled And Burlapped Shrub Planting	75.85	
		For >10 To 25, Deduct	*-3.79*	
		For >25 To 50, Deduct	*-9.48*	
		For >50 To 100, Deduct	*-15.17*	
		For >100, Deduct	*-22.76*	
32 93 83 00-0046	EA	24" Balled And Burlapped Shrub Planting	83.70	
		For >10 To 25, Deduct	*-4.19*	
		For >25 To 50, Deduct	*-10.46*	
		For >50 To 100, Deduct	*-16.74*	
		For >100, Deduct	*-25.11*	
32 93 83 00-0047	EA	30" Balled And Burlapped Shrub Planting	83.70	
		For >10 To 25, Deduct	*-4.19*	
		For >25 To 50, Deduct	*-10.46*	
		For >50 To 100, Deduct	*-16.74*	
		For >100, Deduct	*-25.11*	
32 93 83 00-0048	EA	36" Balled And Burlapped Shrub Planting	91.55	
		For >10 To 25, Deduct	*-4.58*	
		For >25 To 50, Deduct	*-11.44*	
		For >50 To 100, Deduct	*-18.31*	
		For >100, Deduct	*-27.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0049	EA	42" Balled And Burlapped Shrub Planting	96.78	
		For >10 To 25, Deduct	*-4.84*	
		For >25 To 50, Deduct	*-12.10*	
		For >50 To 100, Deduct	*-19.36*	
		For >100, Deduct	*-29.03*	
32 93 83 00-0050	EA	48" Balled And Burlapped Shrub Planting	104.62	
		For >10 To 25, Deduct	*-5.23*	
		For >25 To 50, Deduct	*-13.08*	
		For >50 To 100, Deduct	*-20.92*	
		For >100, Deduct	*-31.39*	
32 93 83 00-0051	EA	5' Balled And Burlapped Shrub Planting	156.93	
		For >10 To 25, Deduct	*-7.85*	
		For >25 To 50, Deduct	*-19.62*	
		For >50 To 100, Deduct	*-31.39*	
		For >100, Deduct	*-47.08*	
32 93 83 00-0052	EA	6' Balled And Burlapped Shrub Planting	222.33	
		For >10 To 25, Deduct	*-11.12*	
		For >25 To 50, Deduct	*-27.79*	
		For >50 To 100, Deduct	*-44.47*	
		For >100, Deduct	*-66.70*	
32 93 83 00-0053	EA	7' Balled And Burlapped Shrub Planting	295.57	
		For >10 To 25, Deduct	*-14.78*	
		For >25 To 50, Deduct	*-36.95*	
		For >50 To 100, Deduct	*-59.11*	
		For >100, Deduct	*-88.67*	
32 93 83 00-0054	EA	8' Balled And Burlapped Shrub Planting	334.80	
		For >10 To 25, Deduct	*-16.74*	
		For >25 To 50, Deduct	*-41.85*	
		For >50 To 100, Deduct	*-66.96*	
		For >100, Deduct	*-100.44*	
32 93 83 00-0055	EA	9' Balled And Burlapped Shrub Planting	360.96	
		For >10 To 25, Deduct	*-18.05*	
		For >25 To 50, Deduct	*-45.12*	
		For >50 To 100, Deduct	*-72.19*	
		For >100, Deduct	*-108.29*	
32 93 83 00-0056	EA	10' Balled And Burlapped Shrub Planting	392.34	
		For >10 To 25, Deduct	*-19.62*	
		For >25 To 50, Deduct	*-49.04*	
		For >50 To 100, Deduct	*-78.47*	
		For >100, Deduct	*-117.70*	

32 93 83 00-0057 Planting Groundcover, Vines, Perennials, Annuals And Bulbs *(32 93 83)*

See CSI section 32 91 13 16-0001 for mulch.

32 93 83 00-0058	EA	2-1/4" Diameter Potted Groundcover And Flower Planting	2.18	
		For >10 To 25, Deduct	*-0.11*	
		For >25 To 50, Deduct	*-0.27*	
		For >50 To 100, Deduct	*-0.44*	
		For >100, Deduct	*-0.65*	
32 93 83 00-0059	EA	3" Diameter Potted Groundcover And Flower Planting	2.49	
		For >10 To 25, Deduct	*-0.12*	
		For >25 To 50, Deduct	*-0.31*	
		For >50 To 100, Deduct	*-0.50*	
		For >100, Deduct	*-0.75*	
32 93 83 00-0060	EA	4" Diameter Potted Groundcover And Flower Planting	2.91	
		For >10 To 25, Deduct	*-0.15*	
		For >25 To 50, Deduct	*-0.36*	
		For >50 To 100, Deduct	*-0.58*	
		For >100, Deduct	*-0.87*	
32 93 83 00-0061	EA	5-1/2" Diameter Potted Groundcover And Flower Planting	3.49	
		For >10 To 25, Deduct	*-0.17*	
		For >25 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-0.70*	
		For >100, Deduct	*-1.05*	
32 93 83 00-0062	EA	6" Diameter Potted Groundcover And Flower Planting	4.36	
		For >10 To 25, Deduct	*-0.22*	
		For >25 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-0.87*	
		For >100, Deduct	*-1.31*	
32 93 83 00-0063	EA	8" Diameter Potted Groundcover And Flower Planting	6.54	
		For >10 To 25, Deduct	*-0.33*	
		For >25 To 50, Deduct	*-0.82*	
		For >50 To 100, Deduct	*-1.31*	
		For >100, Deduct	*-1.96*	
32 93 83 00-0064	EA	1 Gallon Container Groundcover And Flower Planting	20.92	
		For >10 To 25, Deduct	*-1.05*	
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-4.18*	
		For >100, Deduct	*-6.28*	
32 93 83 00-0065	EA	2 Gallon Container Groundcover And Flower Planting	28.78	
		For >10 To 25, Deduct	*-1.44*	
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-5.76*	
		For >100, Deduct	*-8.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0066	EA	3 Gallon Container Groundcover And Flower Planting	36.62	
		For >10 To 25, Deduct	*-1.83*	
		For >25 To 50, Deduct	*-4.58*	
		For >50 To 100, Deduct	*-7.32*	
		For >100, Deduct	*-10.99*	
32 93 83 00-0067	EA	4 Gallon Container Groundcover And Flower Planting	47.08	
		For >10 To 25, Deduct	*-2.35*	
		For >25 To 50, Deduct	*-5.89*	
		For >50 To 100, Deduct	*-9.42*	
		For >100, Deduct	*-14.12*	
32 93 83 00-0068	EA	5 Gallon Container Groundcover And Flower Planting	57.54	
		For >10 To 25, Deduct	*-2.88*	
		For >25 To 50, Deduct	*-7.19*	
		For >50 To 100, Deduct	*-11.51*	
		For >100, Deduct	*-17.26*	
32 93 83 00-0069	EA	7 Gallon Container Groundcover And Flower Planting	78.47	
		For >10 To 25, Deduct	*-3.92*	
		For >25 To 50, Deduct	*-9.81*	
		For >50 To 100, Deduct	*-15.69*	
		For >100, Deduct	*-23.54*	
32 93 83 00-0070	EA	Bulb Planting	1.30	
		For >10 To 25, Deduct	*-0.07*	
		For >25 To 50, Deduct	*-0.16*	
		For >50 To 100, Deduct	*-0.26*	
		For >100, Deduct	*-0.39*	
32 93 83 00-0071	EA	Flats Of 24 Groundcover And Flower Planting	36.62	
		For >10 To 25, Deduct	*-1.83*	
		For >25, Deduct	*-4.58*	
32 93 83 00-0072	EA	Flats Of 36 Groundcover And Flower Planting	51.94	
		For >10 To 25, Deduct	*-2.60*	
		For >25, Deduct	*-6.49*	
32 93 83 00-0073	EA	Flats Of 48 Groundcover And Flower Planting	69.15	
		For >10 To 25, Deduct	*-3.46*	
		For >25, Deduct	*-8.64*	

32 93 83 00-0074 Tree Pits *(32 93 83)*

Note: Costs given show the tree pit size accommodates the soil ball and the type of soil excavated includes excavation, bank run sand and gravel fill for drainage, imported mix planting soil, hand backfill, perforated drainage pipe for watering, and drainage fabric. Includes one layer of woven fabric to be applied before mulch is spread. Excludes additional soil conditioners or mulch.

32 93 83 00-0075	EA	2' x 1-1/4' Deep Tree Pit	137.34
32 93 83 00-0076	EA	2' x 2-1/2' Deep Tree Pit	205.95
32 93 83 00-0077	EA	2-1/2' x 1-1/2' Deep Tree Pit	266.51
32 93 83 00-0078	EA	2-1/2' x 3' Deep Tree Pit	399.69
32 93 83 00-0079	EA	3' x 1-3/4' Deep Tree Pit	410.47
32 93 83 00-0080	EA	3' x 3-1/2' Deep Tree Pit	612.39
32 93 83 00-0081	EA	3-1/2' x 1-3/4' Deep Tree Pit	502.45
32 93 83 00-0082	EA	3-1/2' x 3-1/2' Deep Tree Pit	752.58
32 93 83 00-0083	EA	4' x 2' Deep Tree Pit	600.38
32 93 83 00-0084	EA	4' x 4' Deep Tree Pit	900.04
32 93 83 00-0085	EA	4-1/2' x 2' Deep Tree Pit	863.34
32 93 83 00-0086	EA	4-1/2' x 4' Deep Tree Pit	1,297.67
32 93 83 00-0087	EA	5' x 2-1/4' Deep Tree Pit	1,148.38
32 93 83 00-0088	EA	5' x 4-1/2' Deep Tree Pit	1,710.00
32 93 83 00-0089	EA	6' x 2-1/2' Deep Tree Pit	1,628.65
32 93 83 00-0090	EA	6' x 5' Deep Tree Pit	2,439.22
32 93 83 00-0091	EA	7' x 3' Deep Tree Pit	2,743.11
32 93 83 00-0092	EA	7' x 6' Deep Tree Pit	4,137.55
32 93 83 00-0093	EA	8' x 3-1/4' Deep Tree Pit	3,769.39
32 93 83 00-0094	EA	8' x 6-1/2' Deep Tree Pit	5,651.58

32 94 Planting Accessories *(32 90)*

32 94 13 Landscape Edging *(32 94)*

Note: Including stakes.

32 94 13 00-0001 Landscape Edging *(32 94 13)*

Note: Includes stakes.

32 94 13 00-0002	LF	6" Poly/Vinyl Landscape Edging With Non-Round Top	6.49	1.33
		For >2,000 To 5,000 LF, Deduct	*-0.38*	
		For >5,000 LF, Deduct	*-0.76*	
32 94 13 00-0003	LF	5" Polyethylene Landscape Edging With Round Top	3.87	1.33
		For >2,000 To 5,000 LF, Deduct	*-0.12*	
		For >5,000 LF, Deduct	*-0.24*	
32 94 13 00-0004	LF	5-1/2" Polyethylene Landscape Edging With Round Top	3.93	1.33
		For >2,000 To 5,000 LF, Deduct	*-0.13*	
		For >5,000 LF, Deduct	*-0.25*	
32 94 13 00-0005	LF	5" Polyethylene Landscape Edging With Corrugated Sides And Round Top	3.97	1.33
		For >2,000 To 5,000 LF, Deduct	*-0.13*	
		For >5,000 LF, Deduct	*-0.26*	
32 94 13 00-0006	LF	1/8" x 4", Mill Finish, Aluminum Alloy Landscape Edging	11.19	3.17
		For >1,000 LF, Deduct	*-1.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 94 13 00-0007	LF	1/8" x 4", Black Paint, Aluminum Alloy Landscape Edging	12.20	3.17
		For >1,000 LF, Deduct	*-1.47*	
32 94 13 00-0008	LF	1/8" x 4", Black Anodized, Aluminum Alloy Landscape Edging	12.27	3.17
		For >1,000 LF, Deduct	*-1.49*	
32 94 13 00-0009	LF	3/16" x 4", Mill Finish, Aluminum Alloy Landscape Edging	14.04	3.27
		For >1,000 LF, Deduct	*-1.89*	
32 94 13 00-0010	LF	3/16" x 4", Black Paint, Aluminum Alloy Landscape Edging	15.28	3.27
		For >1,000 LF, Deduct	*-2.20*	
32 94 13 00-0011	LF	3/16" x 4", Black Anodized, Aluminum Alloy Landscape Edging	15.26	3.27
		For >1,000 LF, Deduct	*-2.19*	
32 94 13 00-0012	LF	1/8" x 5-1/2", Mill Finish, Aluminum Alloy Landscape Edging	12.55	3.38
		For >1,000 LF, Deduct	*-1.47*	
32 94 13 00-0013	LF	1/8" x 5-1/2", Black Paint, Aluminum Alloy Landscape Edging	13.93	3.38
		For >1,000 LF, Deduct	*-1.82*	
32 94 13 00-0014	LF	1/8" x 5-1/2", Black Anodized, Aluminum Alloy Landscape Edging	14.07	3.38
		For >1,000 LF, Deduct	*-1.85*	
32 94 13 00-0015	LF	3/16" x 5-1/2", Mill Finish, Aluminum Alloy Landscape Edging	15.79	3.48
		For >1,000 LF, Deduct	*-2.24*	
32 94 13 00-0016	LF	3/16" x 5-1/2", Black Paint, Aluminum Alloy Landscape Edging	17.17	3.48
		For >1,000 LF, Deduct	*-2.58*	
32 94 13 00-0017	LF	3/16" x 5-1/2", Black Anodized, Aluminum Alloy Landscape Edging	17.29	3.48
		For >1,000 LF, Deduct	*-2.61*	
32 94 13 00-0018	LF	1/8" x 4" Powder Coated Steel Landscape Edging	11.91	3.27
		For >1,000 LF, Deduct	*-1.34*	
32 94 13 00-0019	LF	3/16" x 4" Powder Coated Steel Landscape Edging	13.94	3.27
		For >1,000 LF, Deduct	*-1.85*	
32 94 13 00-0020	LF	1/4" x 5" Powder Coated Steel Landscape Edging	19.40	3.27
		For >1,000 LF, Deduct	*-3.21*	
32 94 13 00-0021	LF	1/2" x 4", Recycled Plastic Landscape Edging (Bend-A-Board)	8.99	3.17
		For >1,000 LF, Deduct	*-0.67*	
32 94 13 00-0022	LF	1" x 4", Recycled Plastic Landscape Edging (Bend-A-Board)	10.20	3.17
		For >1,000 LF, Deduct	*-0.97*	
32 94 13 00-0023	LF	1" x 6", Recycled Plastic Landscape Edging (Bend-A-Board)	11.27	3.17
		For >1,000 LF, Deduct	*-1.24*	
32 94 13 00-0024	LF	2" x 4", Recycled Plastic Landscape Edging (Bend-A-Board)	11.49	3.17
		For >1,000 LF, Deduct	*-1.29*	

32 94 13 00-0025 Concrete Band, Cast In Place *(32 94 13)*

Note: Includes delivered concrete, forms, rebar, chairs (where necessary), expansion joints, finish and curing.

32 94 13 00-0026	LF	6" x 4" Concrete Band Note: Excludes base course.	18.86	9.52
		For Up To 20, Add	*11.24*	
		For >20 To 50, Add	*6.37*	
		For >50 To 100, Add	*2.44*	
		For >500 To 1,000, Deduct	*-2.44*	
		For >1,000, Deduct	*-4.13*	
32 94 13 00-0027	LF	6" x 6" Concrete Band Note: Excludes base course.	22.41	11.20
		For Up To 20, Add	*13.44*	
		For >20 To 50, Add	*7.61*	
		For >50 To 100, Add	*2.91*	
		For >500 To 1,000, Deduct	*-2.91*	
		For >1,000, Deduct	*-4.93*	
32 94 13 00-0028	LF	8" x 6" Concrete Band Note: Excludes base course.	25.78	128.77
		For Up To 20, Add	*15.52*	
		For >20 To 50, Add	*8.79*	
		For >50 To 100, Add	*3.36*	
		For >500 To 1,000, Deduct	*-3.36*	
		For >1,000, Deduct	*-5.69*	
32 94 13 00-0029	LF	10" x 6" Concrete Band Note: Excludes base course.	28.57	139.97
		For Up To 20, Add	*17.19*	
		For >20 To 50, Add	*9.74*	
		For >50 To 100, Add	*3.72*	
		For >500 To 1,000, Deduct	*-3.72*	
		For >1,000, Deduct	*-6.30*	
32 94 13 00-0030	LF	12" x 6" Concrete Band Note: Excludes base course.	29.70	14.56
		For Up To 20, Add	*17.70*	
		For >20 To 50, Add	*10.02*	
		For >50 To 100, Add	*3.84*	
		For >500 To 1,000, Deduct	*-3.84*	
		For >1,000, Deduct	*-6.50*	

32 94 16 Landscape Timbers *(32 94)*

32 94 16 00-0001	LF	1" x 4" Redwood Edging	5.64	1.86
32 94 16 00-0002	LF	2" x 4" Redwood Edging	7.72	2.79
32 94 16 00-0003	LF	4" x 6" Pressure Treated Hardwood	10.41	3.72
32 94 16 00-0004	LF	6" x 6" Pressure Treated Hardwood	13.52	4.65
32 94 16 00-0005	LF	6" x 8" Pressure Treated Hardwood	15.78	5.47
32 94 16 00-0006	LF	1" x 4" Pressure Treated Pine	4.23	1.86
32 94 16 00-0007	LF	2" x 4" Pressure Treated Pine	6.39	2.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 94 16 00-0008	LF	4" x 6" Pressure Treated Pine	9.90	3.60
32 94 16 00-0009	LF	6" x 6" Pressure Treated Pine	13.42	4.65
32 94 16 00-0010	LF	6" x 8" Pressure Treated Pine	16.37	5.47
32 94 16 00-0011	LF	6" x 8" Railroad Ties	15.89	5.09
32 94 16 00-0012	LF	7" x 9" Railroad Ties	19.11	6.40

32 94 23 Plant Protection *(32 94)*

32 94 23 00-0001	SF	Tree Trunk Protection - Hardware Cloth 1/4" Mesh, 23 Gauge	2.90	

32 94 43 Tree Grates *(32 94)*

32 94 43 00-0001 Tree Grates With Frames *(32 94 43)*

32 94 43 00-0002 Round Cast Iron Tree Grates With Frames *(32 94 43 00-0001)*

32 94 43 00-0003	EA	32" Diameter, 100 To 150 Lb., Cast Iron Tree Grate With Frame	1,114.93	66.83
		For >3 To 9, Deduct	*-73.59*	
		For >9, Deduct	*-152.10*	
32 94 43 00-0004	EA	36" Diameter, 125 To 175 Lb., Cast Iron Tree Grate With Frame	1,293.34	66.83
		For >3 To 9, Deduct	*-86.98*	
		For >9, Deduct	*-179.75*	
32 94 43 00-0005	EA	42" Diameter, 150 To 200 Lb., Cast Iron Tree Grate With Frame	1,560.90	89.11
		For >3 To 9, Deduct	*-103.70*	
		For >9, Deduct	*-214.32*	
32 94 43 00-0006	EA	48" Diameter, 200 To 250 Lb., Cast Iron Tree Grate With Frame	1,949.21	89.11
		For >3 To 9, Deduct	*-132.83*	
		For >9, Deduct	*-274.51*	
32 94 43 00-0007	EA	54" Diameter, 300 To 350 Lb., Cast Iron Tree Grate With Frame	2,500.13	111.39
		For >3 To 9, Deduct	*-170.80*	
		For >9, Deduct	*-352.99*	
32 94 43 00-0008	EA	60" Diameter, Up To 350 Lb., Cast Iron Tree Grate With Frame	2,618.14	133.66
		For >3 To 9, Deduct	*-176.31*	
		For >9, Deduct	*-364.38*	
32 94 43 00-0009	EA	60" Diameter, >350 Lb., Cast Iron Tree Grate With Frame	2,888.38	133.66
		For >3 To 9, Deduct	*-196.58*	
		For >9, Deduct	*-406.27*	
32 94 43 00-0010	EA	72" Diameter, Up To 550 Lb., Cast Iron Tree Grate With Frame	3,841.97	189.35
		For >3 To 9, Deduct	*-259.75*	
		For >9, Deduct	*-536.81*	
32 94 43 00-0011	EA	72" Diameter, >500 To 550 Lb., Cast Iron Tree Grate With Frame	3,999.40	189.35
		For >3 To 9, Deduct	*-271.55*	
		For >9, Deduct	*-561.21*	
32 94 43 00-0012	EA	72" Diameter, >600 To 650 Lb., Cast Iron Tree Grate With Frame	4,130.58	189.35
		For >3 To 9, Deduct	*-281.39*	
		For >9, Deduct	*-581.54*	
32 94 43 00-0013	EA	72" Diameter, >650 To 700 Lb., Cast Iron Tree Grate With Frame	4,235.53	189.35
		For >3 To 9, Deduct	*-289.26*	
		For >9, Deduct	*-597.81*	
32 94 43 00-0014	EA	72" Diameter, >700 Lb., Cast Iron Tree Grate With Frame	4,314.24	189.35
		For >3 To 9, Deduct	*-295.17*	
		For >9, Deduct	*-610.01*	
32 94 43 00-0015	EA	93" Diameter, 950 To 1,000 Lb., Cast Iron Tree Grate With Frame	4,727.41	222.76
		For >3 To 9, Deduct	*-321.14*	
		For >9, Deduct	*-663.69*	

32 94 43 00-0016 Square Cast Iron Tree Grates With Frames *(32 94 43 00-0001)*

32 94 43 00-0017	EA	30" x 30", 75 To 125 Lb., Cast Iron Tree Grate With Frame	1,025.72	66.83
		For >3 To 9, Deduct	*-66.90*	
		For >9, Deduct	*-138.27*	
32 94 43 00-0018	EA	36" x 36", 100 To 150 Lb., Cast Iron Tree Grate With Frame	1,248.73	66.83
		For >3 To 9, Deduct	*-83.63*	
		For >9, Deduct	*-172.84*	
32 94 43 00-0019	EA	48" x 48", Up To 200 Lb., Cast Iron Tree Grate With Frame	1,849.45	111.39
		For >3 To 9, Deduct	*-122.00*	
		For >9, Deduct	*-252.14*	
32 94 43 00-0020	EA	48" x 48", >200 To 250 Lb., Cast Iron Tree Grate With Frame	2,190.54	111.39
		For >3 To 9, Deduct	*-147.58*	
		For >9, Deduct	*-305.01*	
32 94 43 00-0021	EA	48" x 48", >250 To 300 Lb., Cast Iron Tree Grate With Frame	2,505.38	111.39
		For >3 To 9, Deduct	*-171.20*	
		For >9, Deduct	*-353.81*	
32 94 43 00-0022	EA	48" x 48", >300 To 350 Lb., Cast Iron Tree Grate With Frame	2,793.99	111.39
		For >3 To 9, Deduct	*-192.84*	
		For >9, Deduct	*-398.54*	
32 94 43 00-0023	EA	48" x 48", >350 To 400 Lb., Cast Iron Tree Grate With Frame	3,056.36	111.39
		For >3 To 9, Deduct	*-212.52*	
		For >9, Deduct	*-439.21*	
32 94 43 00-0024	EA	48" x 48", >400 Lb., Cast Iron Tree Grate With Frame	3,292.49	111.39
		For >3 To 9, Deduct	*-230.23*	
		For >9, Deduct	*-475.81*	
32 94 43 00-0025	EA	60" x 60", Up To 400 Lb., Cast Iron Tree Grate With Frame	3,145.47	155.94
		For >3 To 9, Deduct	*-212.52*	
		For >9, Deduct	*-439.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 94 43 00-0026	EA	60" x 60", >400 To 450 Lb., Cast Iron Tree Grate With Frame	3,381.60	155.94
		For >3 To 9, Deduct	*-230.23*	
		For >9, Deduct	*-475.81*	
32 94 43 00-0027	EA	60" x 60", >450 To 500 Lb., Cast Iron Tree Grate With Frame	3,591.49	155.94
		For >3 To 9, Deduct	*-245.97*	
		For >9, Deduct	*-508.34*	
32 94 43 00-0028	EA	60" x 60", >500 To 550 Lb., Cast Iron Tree Grate With Frame	3,775.15	155.94
		For >3 To 9, Deduct	*-259.75*	
		For >9, Deduct	*-536.81*	
32 94 43 00-0029	EA	60" x 60", >550 To 600 Lb., Cast Iron Tree Grate With Frame	3,932.58	155.94
		For >3 To 9, Deduct	*-271.55*	
		For >9, Deduct	*-561.21*	
32 94 43 00-0030	EA	60" x 60", >600 Lb., Cast Iron Tree Grate With Frame	4,063.76	155.94
		For >3 To 9, Deduct	*-281.39*	
		For >9, Deduct	*-581.54*	
32 94 43 00-0031	EA	72" x 72", Up To 550 Lb., Cast Iron Tree Grate With Frame	3,841.97	189.35
		For >3 To 9, Deduct	*-259.75*	
		For >9, Deduct	*-536.81*	
32 94 43 00-0032	EA	72" x 72", >550 To 600 Lb., Cast Iron Tree Grate With Frame	3,999.40	189.35
		For >3 To 9, Deduct	*-271.55*	
		For >9, Deduct	*-561.21*	
32 94 43 00-0033	EA	72" x 72", >600 To 650 Lb., Cast Iron Tree Grate With Frame	4,130.58	189.35
		For >3 To 9, Deduct	*-281.39*	
		For >9, Deduct	*-581.54*	
32 94 43 00-0034	EA	72" x 72", >650 To 700 Lb., Cast Iron Tree Grate With Frame	4,235.53	189.35
		For >3 To 9, Deduct	*-289.26*	
		For >9, Deduct	*-597.81*	
32 94 43 00-0035	EA	72" x 72", >700 To 750 Lb., Cast Iron Tree Grate With Frame	4,314.24	189.35
		For >3 To 9, Deduct	*-295.17*	
		For >9, Deduct	*-610.01*	
32 94 43 00-0036	EA	72" x 72", >750 To 800 Lb., Cast Iron Tree Grate With Frame	4,366.71	189.35
		For >3 To 9, Deduct	*-299.10*	
		For >9, Deduct	*-618.14*	
32 94 43 00-0037	EA	72" x 72", >800 To 850 Lb., Cast Iron Tree Grate With Frame	4,392.95	189.35
		For >3 To 9, Deduct	*-301.07*	
		For >9, Deduct	*-622.21*	
32 94 43 00-0038	EA	72" x 72", >850 Lb., Cast Iron Tree Grate With Frame	4,419.19	189.35
		For >3 To 9, Deduct	*-303.04*	
		For >9, Deduct	*-626.28*	

32 94 43 00-0039 Rectangular Cast Iron Tree Grates With Frames *(32 94 43 00-0001)*

32 94 43 00-0040	EA	36" x 48", 200 To 250 Lb., Cast Iron Tree Grate With Frame	1,949.21	89.11
		For >3 To 9, Deduct	*-132.83*	
		For >9, Deduct	*-274.51*	
32 94 43 00-0041	EA	36" x 60", 200 To 250 Lb., Cast Iron Tree Grate With Frame	1,988.56	89.11
		For >3 To 9, Deduct	*-135.78*	
		For >9, Deduct	*-280.60*	
32 94 43 00-0042	EA	36" x 72", 275 To 325 Lb., Cast Iron Tree Grate With Frame	2,429.29	111.39
		For >3 To 9, Deduct	*-165.49*	
		For >9, Deduct	*-342.01*	
32 94 43 00-0043	EA	48" x 72", Up To 350 Lb., Cast Iron Tree Grate With Frame	2,867.45	111.39
		For >3 To 9, Deduct	*-198.35*	
		For >9, Deduct	*-409.93*	
32 94 43 00-0044	EA	48" x 72", >350 Lb., Cast Iron Tree Grate With Frame	3,056.36	111.39
		For >3 To 9, Deduct	*-212.52*	
		For >9, Deduct	*-439.21*	
32 94 43 00-0045	EA	60" x 84", 700 To 750 Lb., Cast Iron Tree Grate With Frame	4,078.11	189.35
		For >3 To 9, Deduct	*-277.46*	
		For >9, Deduct	*-573.41*	

32 94 49 Plant and Tree Accessories *(32 94)*

32 94 49 00-0001 Tree Guying *(32 94 49)*

32 94 49 00-0002 Tree Guying, Stakes *(32 94 49 00-0001)*

Note: Includes stakes, cross brace, double #12 gauge twisted wire and reinforced rubber hose tree wrap.

32 94 49 00-0003	EA	Tree Guying Up To 2" Caliper, 2 Stakes, Guy Wire And Wrap	29.10
32 94 49 00-0004	EA	Tree Guying 2" To 3" Caliper, 2 Stakes, Guy Wire And Wrap	51.45
32 94 49 00-0005	EA	Tree Guying 3" To 4" Caliper, 3 Stakes, Guy Wire And Wrap	88.49

32 94 49 00-0006 Tree Guying, Anchors *(32 94 49 00-0001)*

Note: Includes arrowhead anchor, cable, turnbuckles and wrap or reinforced rubber hose.

32 94 49 00-0007	EA	Tree Guying Up To 3" Caliper, 3" Anchors And Polypropylene Flat Rope	122.86
32 94 49 00-0008	EA	Tree Guying 3" To 6" Caliper, 4" Anchors And Polypropylene Flat Rope	165.79
32 94 49 00-0009	EA	Tree Guying 6" To 8" Caliper, 6" Anchors And Polypropylene Flat Rope	212.57
32 94 49 00-0010	EA	Tree Guying 8" And Up Caliper, 8" Anchors And Polypropylene Flat Rope	274.26

32 94 49 00-0011 Tree Wrap *(32 94 49)*

32 94 49 00-0012	EA	Tree Wrap, Up To 1" Caliper Applied Ground Level To First Branches Of Tree	7.91
32 94 49 00-0013	EA	Tree Wrap, 1" To 2" Caliper Applied Ground Level To First Branches Of Tree	13.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 94 49 00-0014	EA	Tree Wrap, >2" To 4" Caliper Applied Ground Level To First Branches Of Tree	26.04	
32 94 49 00-0015	EA	Tree Wrap, >4" To 6" Caliper Applied Ground Level To First Branches Of Tree	40.27	

32 94 49 00-0016 Tree Guards *(32 94 49)*

32 94 49 00-0017	EA	3' Preformed Plastic Tree Guard	12.88	
32 94 49 00-0018	EA	2' Preformed Plastic Tree Guard	11.90	

32 94 49 00-0019 Stake Out Tree And Shrub Locations *(32 94 49)*

Note: When no design available.

32 94 49 00-0020	EA	Stake Out Trees Or Shrubs	8.26	

32 94 49 00-0021 Root Barriers *(32 94 49)*

32 94 49 00-0022	EA	12" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner	13.74	
32 94 49 00-0023	EA	18" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner	19.44	
32 94 49 00-0024	EA	24" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner	22.95	
32 94 49 00-0025	EA	36" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner	42.94	
32 94 49 00-0026	EA	48" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner	59.29	

32 96 Transplanting *(32 90)*

See CSI section 32 94 49 00-0001 for guying.

32 96 33 Shrub Transplanting *(32 96)*

Note: Includes digging up, moving on site, digging new hole and replanting.

32 96 33 00-0001 Moving Shrubs On Site, Relocate *(32 96 33)*

Note: Includes digging up, moving on site, digging new hole and replanting. See CSI section 32 94 49 00-0001 for guying.

32 96 33 00-0002	EA	Up To 18" Root Ball, Move Shrubs On Site	89.30	
		For >25 To 50, Deduct	*-8.93*	
		For >50, Deduct	*-13.40*	
32 96 33 00-0003	EA	>18" To 24" Root Ball, Move Shrubs On Site	120.82	
		For >25 To 50, Deduct	*-12.08*	
		For >50, Deduct	*-18.12*	
32 96 33 00-0004	EA	>24" To 30" Root Ball, Move Shrubs On Site	204.86	
		For >25 To 50, Deduct	*-20.49*	
		For >50, Deduct	*-30.73*	
32 96 33 00-0005	EA	>30" To 36" Root Ball, Move Shrubs On Site	315.17	
		For >25 To 50, Deduct	*-31.52*	
		For >50, Deduct	*-47.28*	

32 96 43 Tree Transplanting *(32 96)*

Note: Includes digging up, moving on site, digging new hole and replanting.

32 96 43 00-0001 Moving Trees On Site, Relocate *(32 96 43)*

Note: Includes digging up, moving on site, digging new hole and replanting. Excludes crane where necessary for trees over 20' tall. See CSI section 01 22 23 00-0846 for crane lifting equipment, 32 94 49 00-0001 for guying.

32 96 43 00-0002	EA	Up To 24" Root Ball, Move Trees On Site	343.39	
		For >5 To 10, Deduct	*-17.17*	
		For >10 To 20, Deduct	*-34.34*	
		For >20, Deduct	*-51.51*	
32 96 43 00-0003	EA	>24" To 30" Root Ball, Move Trees On Site	470.94	
		For >5 To 10, Deduct	*-23.55*	
		For >10 To 20, Deduct	*-47.09*	
		For >20, Deduct	*-70.64*	
32 96 43 00-0004	EA	>30" To 36" Root Ball, Move Trees On Site	763.09	
		For >5 To 10, Deduct	*-38.15*	
		For >10 To 20, Deduct	*-76.31*	
		For >20, Deduct	*-114.46*	
32 96 43 00-0005	EA	>36" To 48" Root Ball, Move Trees On Site	1,267.90	
		For >5 To 10, Deduct	*-63.40*	
		For >10 To 20, Deduct	*-126.79*	
		For >20, Deduct	*-190.19*	
32 96 43 00-0006	EA	>48" To 60" Root Ball, Move Trees On Site	2,060.33	
		For >5 To 10, Deduct	*-103.02*	
		For >10 To 20, Deduct	*-206.03*	
		For >20, Deduct	*-309.05*	
32 96 43 00-0007	EA	>60" To 72" Root Ball, Move Trees On Site	2,658.50	
		For >5 To 10, Deduct	*-132.93*	
		For >10 To 20, Deduct	*-265.85*	
		For >20, Deduct	*-398.78*	
32 96 43 00-0008	EA	>72" To 84" Root Ball, Move Trees On Site	3,433.89	
		For >5 To 10, Deduct	*-171.69*	
		For >10 To 20, Deduct	*-343.39*	
		For >20, Deduct	*-515.08*	
32 96 43 00-0009	EA	>84" To 96" Root Ball, Move Trees On Site	4,120.66	
		For >5 To 10, Deduct	*-206.03*	
		For >10 To 20, Deduct	*-412.07*	
		For >20, Deduct	*-618.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 96 43 00-0010	EA	>96" To 120" Root Ball, Move Trees On Site	4,682.57	
		For >5 To 10, Deduct	*-234.13*	
		For >10 To 20, Deduct	*-468.26*	
		For >20, Deduct	*-702.39*	

END OF SECTION 32

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 Utilities

Note: Buried plastic pipe and conduit includes detectable tracer wire

33 01 Operation and Maintenance of Utilities *(33)*

33 01 10 Operation and Maintenance of Water Utilities *(33 01)*

33 01 10 54 Cleaning of Water Utility Piping *(33 01 10)*

See CSI section 33 01 30 41-0012 for cleaning of water lines.

33 01 10 58 Disinfection of Water Utility Piping Systems *(33 01 10)*

33 01 10 58-0001 Water Main Disinfection/Sterilization *(33 01 10 58)*

Note: Gas chlorination. Continuous or plug method.

33 01 10 58-0002	EA	Set-up And Removal Of Equipment For Water Main Disinfection/Sterilization, Gas Chlorination Method	1,215.21
33 01 10 58-0003	EA	Move And Set-up At Different Access/Location For Water Main Disinfection/Sterilization, Gas Chlorination Method	607.60
33 01 10 58-0004	LF	Up To 4" Diameter Pipe Water Main Disinfection/Sterilization	0.45
		For >250 To 500, Deduct	*-0.02*
		For >500 To 1,000, Deduct	*-0.05*
		For >1,000 To 2,000, Deduct	*-0.07*
		For >2,000 To 5,000, Deduct	*-0.09*
		For >5,000, Deduct	*-0.11*
33 01 10 58-0005	LF	6" Diameter Pipe Water Main Disinfection/Sterilization	0.70
		For >250 To 500, Deduct	*-0.04*
		For >500 To 1,000, Deduct	*-0.07*
		For >1,000 To 2,000, Deduct	*-0.11*
		For >2,000 To 5,000, Deduct	*-0.14*
		For >5,000, Deduct	*-0.18*
33 01 10 58-0006	LF	8" Diameter Pipe Water Main Disinfection/Sterilization	0.91
		For >250 To 500, Deduct	*-0.05*
		For >500 To 1,000, Deduct	*-0.09*
		For >1,000 To 2,000, Deduct	*-0.14*
		For >2,000 To 5,000, Deduct	*-0.18*
		For >5,000, Deduct	*-0.23*
33 01 10 58-0007	LF	10" Diameter Pipe Water Main Disinfection/Sterilization	1.07
		For >250 To 500, Deduct	*-0.05*
		For >500 To 1,000, Deduct	*-0.11*
		For >1,000 To 2,000, Deduct	*-0.16*
		For >2,000 To 5,000, Deduct	*-0.21*
		For >5,000, Deduct	*-0.27*
33 01 10 58-0008	LF	12" Diameter Pipe Water Main Disinfection/Sterilization	1.41
		For >250 To 500, Deduct	*-0.07*
		For >500 To 1,000, Deduct	*-0.14*
		For >1,000 To 2,000, Deduct	*-0.21*
		For >2,000 To 5,000, Deduct	*-0.28*
		For >5,000, Deduct	*-0.35*

33 01 10 71 Relining Water Utilities Pipelines *(33 01 10)*

33 01 10 71-0001 Small Diameter Epoxy Coating Of Potable Water Piping *(33 01 10 71)*

Note: Includes buildings up to 2 stories and up to 80 total units. Excludes: Pre-existing holes, drywall patching, asbestos, lead paint, toxic mold, or other hazardous material abatement. See CSI section 02 80 00 00-0000 for hazardous material abatement, 09 01 20 91-0001 for cutting and patching drywall.

33 01 10 71-0002	EA	ePIPE Epoxy Coating Of Potable Water Piping For 1 Or 2-Story And 10-200 Units, Per Each Dwelling Unit	16,089.06

Note: Single or Multiple Bldgs. Copper piping Cold water main 2-1/2" or smaller Hot water main 2" or smaller Hot water recirculation piping up to 1- ¼" (1) Cold water shut-off valve common for all units. Piping is to be accessible, if needed drywall holes will be cut to access pipe and install required valves for isolation to break the system up into daily restoration tasks (Use ADD below for valving costs). All jobs require valving. (1) Hot water shut-off valve common for all units. Piping is to be accessible, if needed drywall holes will be cut to access pipe and install required valves for isolation to break the system up into daily restoration tasks (Use ADD below for valving costs). All jobs require valving. 1 bath unit (toilet, bathroom sink, tub/shower), kitchen sink, and may or may not have water heater. Use ADD below for Additional fixture costs (in units, laundry rooms, community rooms, pool buildings, hose bibs, drinking fountains, etc.) attached to the building being restored or within 75 ft of the building being restored. Includes: ePIPE epoxy coating of the pressurized hot and cold potable water. New ball valve type shut-off valves for the hot and cold water supply piping. New chrome angle stops for sinks, toilets, and washing machines. New water flex connectors for water heaters, sinks, and toilets. New hose bibs with vacuum breakers. New shower valve cartridge for major manufacturers. (Moen, Delta, Price Pfister, American Standard, Kohler, etc.) 10-year warranty on full building restoration. 5 years on the hot or cold system only restoration. Excludes: Piping in the mechanical room. ePIPE epoxy will stop just within the room where it is most accessible for valving. Wash machine hoses and dishwasher hoses Integral stops and balancing side spools. (Can't identify if it's there unless trim plates are removed and qualified individual looks at the rough shower valve.) Permit fees, bond fees, saw cutting/breaking of concrete to access piping for restoration. Asbestos, lead paint, toxic mold, or other hazardous material abatement Duplicate mains (hot, cold, recirculating) piping running parallel on the same floor/slab level.

Additional Fixtures not included in 1-bath unit, Add	*2,828.60*
For valving required to isolate for daily restoration tasks, Add per group of 4 units	*5,134.72*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 10 71-0003	EA	ePIPE Epoxy Coating Of Potable Water Piping For 3 To 10-Story And 10-300 Units, Per Each Dwelling Unit. Note: Copper piping Cold water main up to 4" Hot water main up to 3" Hot water recirculation piping up to 1- ¼" (1) Cold water shut-off valve common for all units. Piping is located in the ceiling of one of the floors or in a subterranean garage, not under the slab of the ground floor (on the slab building). The main piping is to be accessible, if needed drywall holes will be cut to access the pipe and install valves for isolation in order to break the system up into daily restoration tasks (Use ADD below for valving costs). All jobs require valving. (1) Hot water shut-off valve common for all units. (1) Hot water recirculating system. Piping is located in the ceiling of one of the floors or in the subterranean garage, not under the slab of the ground floor (on the slab building). The main piping is to be accessible, if needed drywall holes will be cut to access the pipe and install valves for isolation to break the system up into daily restoration tasks (Use ADD below for valving). All jobs require valving. 1 bath unit (toilet, bathroom sink, tub/shower), and kitchen sink, and may or may not have water heater. Use ADD below for Additional fixture costs (in units, laundry rooms, community rooms, pool buildings, hose bibs, drinking fountains, etc.) attached to the building being restored or within 75 ft of the building being restored. Includes: ePIPE epoxy coating of the pressurized hot and cold potable water. New ball valve type shut-off valves for the hot and cold water supply piping. New chrome angle stops for sinks, toilets, and washing machines. New water flex connectors for water heaters, sinks, and toilets. New hose bibs with vacuum breakers New shower valve cartridge for major manufacturers. (Moen, Delta, Price Pfister, American Standard, Kohler, etc.) 10-year warranty on full building restoration. 5 years on hot or cold system only restoration. Excludes: Piping in the mechanical room. ePIPE epoxy will stop just within the room where most accessible for valving. Wash machine hoses and dishwasher hoses. Integral stops and balancing side spools. (Can't identify if it's there unless trim plates are removed and qualified individual looks at the rough shower valve.) Permit fees, bond fees, saw cutting/breaking of concrete to access piping for restoration. Asbestos, lead paint, toxic mold, or other hazardous material abatement. Duplicate mains (hot, cold, recirculating) piping running parallel on the same floor/slab level.	18,282.42	
		Additional Fixtures not included in 1-bath unit, Add	*2,828.60*	
		For valving required to isolate for daily restoration tasks, Add per group of 4 units or per stack of units (e.g. floors 1 thru 10).	*6,352.44*	

33 01 10 71-0004 Relining Underground Water Pipelines *(33 01 10 71)*

Note: Excludes costs for CCTV inspection, pipe cleaning, pavement; temporary and permanent, emergency after hour response for owners' backups.

33 01 10 71-0005 Set-Up And Reinsertion For Relining Underground Water Pipelines *(33 01 10 71-0004)*

33 01 10 71-0006	EA	Initial Set-up And Final Equipment Removal For Relining Underground Water Pipelines	6,091.45
33 01 10 71-0007	EA	Move And Set-up At Different Access/Location	2,436.58

33 01 10 71-0008 Lining Pipe With Epoxy *(33 01 10 71-0004)*

33 01 10 71-0009	LF	Up To 500', 4" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	64.85
33 01 10 71-0010	LF	>500' To 1,000', 4" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	57.98
33 01 10 71-0011	LF	>1,000' To 5,000', 4" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	48.75
33 01 10 71-0012	LF	>5,000', 4" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	44.15
33 01 10 71-0013	LF	Up To 500', 6" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	68.37
33 01 10 71-0014	LF	>500' To 1,000', 6" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	61.25
33 01 10 71-0015	LF	>1,000' To 5,000', 6" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	51.72
33 01 10 71-0016	LF	>5,000', 6" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	46.93
33 01 10 71-0017	LF	Up To 500', 8" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	71.82
33 01 10 71-0018	LF	>500' To 1,000', 8" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	64.53
33 01 10 71-0019	LF	>1,000' To 5,000', 8" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	54.68
33 01 10 71-0020	LF	>5,000', 8" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	49.83
33 01 10 71-0021	LF	Up To 500', 10" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	68.81
33 01 10 71-0022	LF	>500' To 1,000', 10" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	67.31
33 01 10 71-0023	LF	>1,000' To 5,000', 10" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	57.34
33 01 10 71-0024	LF	>5,000', 10" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	52.38
33 01 10 71-0025	LF	Up To 500', 12" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	81.38
33 01 10 71-0026	LF	>500' To 1,000', 12" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	73.49
33 01 10 71-0027	LF	>1,000' To 5,000', 12" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	62.87
33 01 10 71-0028	LF	>5,000', 12" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	57.50
33 01 10 71-0029	LF	Up To 500', >12" To 16" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	86.48
33 01 10 71-0030	LF	>500' To 1,000', >12" To 16" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	78.30
33 01 10 71-0031	LF	>1,000' To 5,000', >12" To 16" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	67.23
33 01 10 71-0032	LF	>5,000', >12" To 16" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	61.64
33 01 10 71-0033	LF	Up To 500', >16" To 20" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	91.50
33 01 10 71-0034	LF	>500' To 1,000', >16" To 20" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	83.09
33 01 10 71-0035	LF	1,000' To 5,000', >16" To 20" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	71.64
33 01 10 71-0036	LF	>5,000', >16" To 20" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	65.87
33 01 10 71-0037	LF	Up To 500', >20" To 22" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	97.57
33 01 10 71-0038	LF	>500' To 1,000', >20" To 22" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	88.83
33 01 10 71-0039	LF	>1,000' To 5,000', >20" To 22" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	76.83
33 01 10 71-0040	LF	>5,000', >20" To 22" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	70.94
33 01 10 71-0041	LF	Up To 500', 24" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	103.66
33 01 10 71-0042	LF	>500' To 1,000', 24" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	94.58
33 01 10 71-0043	LF	>1,000' To 5,000', 24" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	82.20
33 01 10 71-0044	LF	>5,000', 24" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	76.02
33 01 10 71-0045	LF	Up To 500', 30" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	112.66
33 01 10 71-0046	LF	>500' To 1,000', 30" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	103.05
33 01 10 71-0047	LF	>1,000' To 5,000', 30" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	89.96
33 01 10 71-0048	LF	>5,000', 30" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	83.34
33 01 10 71-0049	LF	Up To 500', 36" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	121.55
33 01 10 71-0050	LF	>500' To 1,000', 36" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	111.53
33 01 10 71-0051	LF	>1,000' To 5,000', 36" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	97.70
33 01 10 71-0052	LF	>5,000', 36" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	90.83
33 01 10 71-0053	LF	Up To 500', 42" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	135.49
33 01 10 71-0054	LF	>500' To 1,000', 42" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	124.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 10 71-0055	LF	>1,000' To 5,000', 42" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	109.53	
33 01 10 71-0056	LF	>5,000', 42" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	102.09	
33 01 10 71-0057	LF	Up To 500', 48" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	149.34	
33 01 10 71-0058	LF	>500' To 1,000', 48" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	137.65	
33 01 10 71-0059	LF	>1,000' To 5,000', 48" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	121.49	
33 01 10 71-0060	LF	>5,000', 48" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	113.49	
33 01 10 71-0061	LF	Up To 500', 54" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	157.16	
33 01 10 71-0062	LF	>500' To 1,000', 54" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	145.22	
33 01 10 71-0063	LF	>1,000' To 5,000', 54" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	128.68	
33 01 10 71-0064	LF	>5,000', 54" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	120.46	
33 01 10 71-0065	LF	Up To 500', 60" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	164.96	
33 01 10 71-0066	LF	>500' To 1,000', 60" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	152.83	
33 01 10 71-0067	LF	>1,000' To 5,000', 60" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	135.96	
33 01 10 71-0068	LF	>5,000', 60" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	127.23	
33 01 10 71-0069		Water House Connection *(33 01 10 71-0004)*		
33 01 10 71-0070	EA	Blow Out Line To Water House Connection After Lining	60.76	

33 01 20 Operation and Maintenance of Wells *(33 01)*

33 01 20 00-0001 Pull Submersible Well Pumps For Repair *(33 01 20)*

Note: Includes cleaning.

33 01 20 00-0002	EA	Up To 100' Depth, Pull Submersible Well Pumps For Repair Note: Includes reinstallation after repair.	106.54	
33 01 20 00-0003	EA	>100 To 200' Depth, Pull Submersible Well Pumps For Repair Note: Includes reinstallation after repair.	142.06	
33 01 20 00-0004	EA	>200 To 300' Depth, Pull Submersible Well Pumps For Repair Note: Includes reinstallation after repair.	184.67	
33 01 20 00-0005	EA	>300 To 400' Depth, Pull Submersible Well Pumps For Repair Note: Includes reinstallation after repair.	241.50	
33 01 20 00-0006	EA	>400 To 500' Depth, Pull Submersible Well Pumps For Repair Note: Includes reinstallation after repair.	298.32	
33 01 20 00-0007	EA	>500 To 600' Depth, Pull Submersible Well Pumps For Repair Note: Includes reinstallation after repair.	340.93	

33 01 30 Operation and Maintenance of Sewer Utilities *(33 01)*

33 01 30 11 Television Inspection Of Pipelines *(33 01 30)*

Note: Rotating head color camera. Includes all log records and color video tape, DVD or CD.

33 01 30 11-0001 Remote Visual Inspection (RVI) Of Pipe Interior And Culverts *(33 01 30 11)*

33 01 30 11-0002 Set-up For Video Camera *(33 01 30 11-0001)*

Note: A "push camera" is a straight view camera at the end of a rigid push rod for 1" to 12" diameter pipes for distances up to 300 feet. Crawlers are generally remotely operated vehicles (ROVs) for longer distances (over 300') and for larger diameters (4" and larger).

33 01 30 11-0003	EA	Initial Set-up And Final Equipment Removal For "Push Camera" Video Camera Inspection, 1" To 12" Diameter Pipe Or Culvert	1,093.29
33 01 30 11-0004	EA	Initial Set-up And Final Equipment Removal For "Crawler" Video Camera Inspection, 4" To 30" Diameter Pipe Or Culvert	2,186.57
33 01 30 11-0005	EA	Initial Set-up And Final Equipment Removal For "Crawler" Video Camera Inspection, >30" Diameter Pipe Or Culvert	3,279.86
33 01 30 11-0006	EA	Move And Set-up At Different Access/Location For "Push Camera" Video Camera Inspection, 1" To 12" Diameter Pipe Or Culvert	546.64
33 01 30 11-0007	EA	Move And Set-up At Different Access/Location For "Crawler" Video Camera Inspection, 4" And Larger Diameter Pipe Or Culvert	1,093.29

33 01 30 11-0008 Video Camera Planning And Analysis Inspection *(33 01 30 11-0001)*

Note: For pipe interior and culverts.

33 01 30 11-0009	LF	4" To 6" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	2.77	
		For >500 To 1,000, Deduct		*-0.28*
		For >1,000 To 5,000, Deduct		*-0.69*
		For >5,000, Deduct		*-0.97*
33 01 30 11-0010	LF	>6" To 12" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	3.70	
		For >500 To 1,000, Deduct		*-0.37*
		For >1,000 To 5,000, Deduct		*-0.93*
		For >5,000, Deduct		*-1.30*
33 01 30 11-0011	LF	>12" To 21" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	4.62	
		For >500 To 1,000, Deduct		*-0.46*
		For >1,000 To 5,000, Deduct		*-1.16*
		For >5,000, Deduct		*-1.62*
33 01 30 11-0012	LF	>21" To 30" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	6.16	
		For >500 To 1,000, Deduct		*-0.62*
		For >1,000 To 5,000, Deduct		*-1.54*
		For >5,000, Deduct		*-2.16*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 11-0013	LF	>30" To 42" Diameter Pipe Inspection, Planning/Analysis Phase	8.67	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.87*	
		For >1,000 To 5,000, Deduct	*-2.17*	
		For >5,000, Deduct	*-3.03*	
33 01 30 11-0014	LF	>42" To 60" Diameter Pipe Inspection, Planning/Analysis Phase	11.54	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.15*	
		For >1,000 To 5,000, Deduct	*-2.89*	
		For >5,000, Deduct	*-4.04*	
33 01 30 11-0015	LF	>60" To 72" Diameter Pipe Inspection, Planning/Analysis Phase	16.31	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.63*	
		For >1,000 To 5,000, Deduct	*-4.08*	
		For >5,000, Deduct	*-5.71*	
33 01 30 11-0016	LF	>72" To 84" Diameter Pipe Inspection, Planning/Analysis Phase	23.10	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-2.31*	
		For >1,000 To 5,000, Deduct	*-5.78*	
		For >5,000, Deduct	*-8.09*	
33 01 30 11-0017		**Video Camera Pre-Rehab For Pipe Interior And Culverts** *(33 01 30 11-0001)*		
33 01 30 11-0018	LF	4" To 6" Diameter Pipe Inspection, Pre-Rehabilitation Phase	4.10	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.41*	
		For >1,000 To 5,000, Deduct	*-1.03*	
		For >5,000, Deduct	*-1.44*	
33 01 30 11-0019	LF	>6" To 12" Diameter Pipe Inspection, Pre-Rehabilitation Phase	5.47	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.55*	
		For >1,000 To 5,000, Deduct	*-1.37*	
		For >5,000, Deduct	*-1.91*	
33 01 30 11-0020	LF	>12" To 21" Diameter Pipe Inspection, Pre-Rehabilitation Phase	6.83	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.68*	
		For >1,000 To 5,000, Deduct	*-1.71*	
		For >5,000, Deduct	*-2.39*	
33 01 30 11-0021	LF	>21" To 30" Diameter Pipe Inspection, Pre-Rehabilitation Phase	9.11	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.91*	
		For >1,000 To 5,000, Deduct	*-2.28*	
		For >5,000, Deduct	*-3.19*	
33 01 30 11-0022	LF	>30" To 42" Diameter Pipe Inspection, Pre-Rehabilitation Phase	12.81	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.28*	
		For >1,000 To 5,000, Deduct	*-3.20*	
		For >5,000, Deduct	*-4.48*	
33 01 30 11-0023	LF	>42" To 60" Diameter Pipe Inspection, Pre-Rehabilitation Phase	17.08	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.71*	
		For >1,000 To 5,000, Deduct	*-4.27*	
		For >5,000, Deduct	*-5.98*	
33 01 30 11-0024	LF	>60" To 72" Diameter Pipe Inspection, Pre-Rehabilitation Phase	24.11	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-2.41*	
		For >1,000 To 5,000, Deduct	*-6.03*	
		For >5,000, Deduct	*-8.44*	
33 01 30 11-0025	LF	>72" To 84" Diameter Pipe Inspection, Pre-Rehabilitation Phase	34.17	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-3.42*	
		For >1,000 To 5,000, Deduct	*-8.54*	
		For >5,000, Deduct	*-11.96*	
33 01 30 11-0026		**Video Camera Post-Rehab For Pipe Interior And Culverts** *(33 01 30 11-0001)*		
33 01 30 11-0027	LF	4" To 6" Diameter Pipe Inspection, Post-Rehabilitation Phase	2.93	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.29*	
		For >1,000 To 5,000, Deduct	*-0.73*	
		For >5,000, Deduct	*-1.03*	
33 01 30 11-0028	LF	>6" To 12" Diameter Pipe Inspection, Post-Rehabilitation Phase	3.90	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.39*	
		For >1,000 To 5,000, Deduct	*-0.98*	
		For >5,000, Deduct	*-1.37*	
33 01 30 11-0029	LF	>12" To 21" Diameter Pipe Inspection, Post-Rehabilitation Phase	4.89	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.49*	
		For >1,000 To 5,000, Deduct	*-1.22*	
		For >5,000, Deduct	*-1.71*	
33 01 30 11-0030	LF	>21" To 30" Diameter Pipe Inspection, Post-Rehabilitation Phase	6.51	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.65*	
		For >1,000 To 5,000, Deduct	*-1.63*	
		For >5,000, Deduct	*-2.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 11-0031	LF	>30" To 42" Diameter Pipe Inspection, Post-Rehabilitation Phase	9.15	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.92*	
		For >1,000 To 5,000, Deduct	*-2.29*	
		For >5,000, Deduct	*-3.20*	
33 01 30 11-0032	LF	>42" To 60" Diameter Pipe Inspection, Post-Rehabilitation Phase	12.20	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.22*	
		For >1,000 To 5,000, Deduct	*-3.05*	
		For >5,000, Deduct	*-4.27*	
33 01 30 11-0033	LF	>60" To 72" Diameter Pipe Inspection, Post-Rehabilitation Phase	17.23	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.72*	
		For >1,000 To 5,000, Deduct	*-4.31*	
		For >5,000, Deduct	*-6.03*	
33 01 30 11-0034	LF	>72" To 84" Diameter Pipe Inspection, Post-Rehabilitation Phase	24.41	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-2.44*	
		For >1,000 To 5,000, Deduct	*-6.10*	
		For >5,000, Deduct	*-8.54*	

33 01 30 41 Cleaning of Sewers *(33 01 30)*

33 01 30 41-0001 Pipe Line Cleaning And Flushing *(33 01 30 41)*

Note: Includes flushing. Owner provided water.

33 01 30 41-0002 Pipe Line Cleaning *(33 01 30 41-0001)*

Note: Includes removal of all debris/waste. Excludes disposal.

33 01 30 41-0003 Set-up And Reinsertion For Hydro Jet *(33 01 30 41-0002)*

Note: Includes mobilization delivery, set-up, cleanup after use and return.

33 01 30 41-0004	EA	Initial Set-up And Final Equipment Removal For Up To 8" Jet Cleaning	1,618.94	
33 01 30 41-0005	EA	Initial Set-up And Final Equipment Removal For >8" To 12" Jet Cleaning	2,428.41	
33 01 30 41-0006	EA	Initial Set-up And Final Equipment Removal For >12" To 30" Jet Cleaning	3,237.88	
33 01 30 41-0007	EA	Initial Set-up And Final Equipment Removal For >30" Jet Cleaning	4,317.17	
33 01 30 41-0008	EA	Move And Set-up At Different Access/Location For Up To 8" Jet Cleaning	404.74	
33 01 30 41-0009	EA	Move And Set-up At Different Access/Location For >8" To 12" Jet Cleaning	607.10	
33 01 30 41-0010	EA	Move And Set-up At Different Access/Location For >12" To 30" Jet Cleaning	809.47	
33 01 30 41-0011	EA	Move And Set-up At Different Access/Location For >30" Jet Cleaning	1,011.83	

33 01 30 41-0012 Hydro Jet Cleaning Of Sewer And Water Pipelines *(33 01 30 41-0002)*

33 01 30 41-0013	LF	Up To 4" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	4.36	
		For >250 To 500, Deduct	*-0.22*	
		For >500 To 1,000, Deduct	*-0.44*	
		For >1,000 To 2,000, Deduct	*-0.65*	
		For >2,000 To 5,000, Deduct	*-0.87*	
		For >5,000, Deduct	*-1.09*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*3.27*	
33 01 30 41-0014	LF	6" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	5.00	
		For >250 To 500, Deduct	*-0.25*	
		For >500 To 1,000, Deduct	*-0.50*	
		For >1,000 To 2,000, Deduct	*-0.75*	
		For >2,000 To 5,000, Deduct	*-1.00*	
		For >5,000, Deduct	*-1.25*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*3.75*	
33 01 30 41-0015	LF	8" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	5.87	
		For >250 To 500, Deduct	*-0.29*	
		For >500 To 1,000, Deduct	*-0.59*	
		For >1,000 To 2,000, Deduct	*-0.88*	
		For >2,000 To 5,000, Deduct	*-1.17*	
		For >5,000, Deduct	*-1.47*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*4.40*	
33 01 30 41-0016	LF	10" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	7.26	
		For >250 To 500, Deduct	*-0.36*	
		For >500 To 1,000, Deduct	*-0.73*	
		For >1,000 To 2,000, Deduct	*-1.09*	
		For >2,000 To 5,000, Deduct	*-1.45*	
		For >5,000, Deduct	*-1.82*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*5.45*	
33 01 30 41-0017	LF	12" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	8.22	
		For >250 To 500, Deduct	*-0.41*	
		For >500 To 1,000, Deduct	*-0.82*	
		For >1,000 To 2,000, Deduct	*-1.23*	
		For >2,000 To 5,000, Deduct	*-1.64*	
		For >5,000, Deduct	*-2.06*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*6.17*	
33 01 30 41-0018	LF	>12" To 16" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	9.50	
		For >250 To 500, Deduct	*-0.48*	
		For >500 To 1,000, Deduct	*-0.95*	
		For >1,000 To 2,000, Deduct	*-1.43*	
		For >2,000 To 5,000, Deduct	*-1.90*	
		For >5,000, Deduct	*-2.38*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*7.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 41-0019	LF	>16" To 24" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	11.43	
		For >250 To 500, Deduct	*-0.57*	
		For >500 To 1,000, Deduct	*-1.14*	
		For >1,000 To 2,000, Deduct	*-1.71*	
		For >2,000 To 5,000, Deduct	*-2.29*	
		For >5,000, Deduct	*-2.86*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*8.57*	
33 01 30 41-0020	LF	>24" To 30" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	12.97	
		For >250 To 500, Deduct	*-0.65*	
		For >500 To 1,000, Deduct	*-1.30*	
		For >1,000 To 2,000, Deduct	*-1.95*	
		For >2,000 To 5,000, Deduct	*-2.59*	
		For >5,000, Deduct	*-3.24*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*9.73*	
33 01 30 41-0021	LF	>30" To 42" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	15.33	
		For >250 To 500, Deduct	*-0.77*	
		For >500 To 1,000, Deduct	*-1.53*	
		For >1,000 To 2,000, Deduct	*-2.30*	
		For >2,000 To 5,000, Deduct	*-3.07*	
		For >5,000, Deduct	*-3.83*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*11.50*	
33 01 30 41-0022	LF	>42" To 60" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	19.27	
		For >250 To 500, Deduct	*-0.96*	
		For >500 To 1,000, Deduct	*-1.93*	
		For >1,000 To 2,000, Deduct	*-2.89*	
		For >2,000 To 5,000, Deduct	*-3.85*	
		For >5,000, Deduct	*-4.82*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*14.45*	
33 01 30 41-0023	LF	>60" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	22.49	
		For >250 To 500, Deduct	*-1.12*	
		For >500 To 1,000, Deduct	*-2.25*	
		For >1,000 To 2,000, Deduct	*-3.37*	
		For >2,000 To 5,000, Deduct	*-4.50*	
		For >5,000, Deduct	*-5.62*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*16.87*	

33 01 30 41-0024 Flushing Of Storm Water Pipelines *(33 01 30 41-0002)*

Note: To remove silt and small debris from storm drainage pipes. Excludes disposal.

33 01 30 41-0025	LF	12" To 16" Diameter Pipe Line Flushing	1.69	
		For >250 To 500, Deduct	*-0.08*	
		For >500 To 1,000, Deduct	*-0.17*	
		For >1,000 To 2,000, Deduct	*-0.25*	
		For >2,000 To 5,000, Deduct	*-0.34*	
		For >5,000, Deduct	*-0.42*	
33 01 30 41-0026	LF	>16" To 24" Diameter Pipe Line Flushing	1.94	
		For >250 To 500, Deduct	*-0.10*	
		For >500 To 1,000, Deduct	*-0.19*	
		For >1,000 To 2,000, Deduct	*-0.29*	
		For >2,000 To 5,000, Deduct	*-0.39*	
		For >5,000, Deduct	*-0.49*	
33 01 30 41-0027	LF	>24" To 30" Diameter Pipe Line Flushing	2.28	
		For >250 To 500, Deduct	*-0.11*	
		For >500 To 1,000, Deduct	*-0.23*	
		For >1,000 To 2,000, Deduct	*-0.34*	
		For >2,000 To 5,000, Deduct	*-0.46*	
		For >5,000, Deduct	*-0.57*	
33 01 30 41-0028	LF	>30" To 42" Diameter Pipe Line Flushing	2.62	
		For >250 To 500, Deduct	*-0.13*	
		For >500 To 1,000, Deduct	*-0.26*	
		For >1,000 To 2,000, Deduct	*-0.39*	
		For >2,000 To 5,000, Deduct	*-0.52*	
		For >5,000, Deduct	*-0.66*	
33 01 30 41-0029	LF	>42" To 60" Diameter Pipe Line Flushing	3.49	
		For >250 To 500, Deduct	*-0.17*	
		For >500 To 1,000, Deduct	*-0.35*	
		For >1,000 To 2,000, Deduct	*-0.52*	
		For >2,000 To 5,000, Deduct	*-0.70*	
		For >5,000, Deduct	*-0.87*	

33 01 30 41-0030 Hydro Jet Cleaning Of Culverts *(33 01 30 41-0002)*

33 01 30 41-0031	LF	Jet Cleaning Of Culvert, 0-250 LF	20.14	
		For >250 To 500, Deduct	*-1.01*	
		For >500 To 1,000, Deduct	*-2.01*	
		For >1,000 To 2,000, Deduct	*-3.02*	
		For >2,000 To 5,000, Deduct	*-4.03*	
		For >5,000, Deduct	*-5.04*	

33 01 30 41-0032 Pipe Line Cleaning, Mechanical Method *(33 01 30 41-0001)*

Note: Power winching buckets, scrapers, scooters, porcupines, brushes and other debris removing equipment. Includes removal of all debris/waste. Excludes disposal.

33 01 30 41-0033	EA	Initial Set-up And Final Equipment Removal For Mechanical Cleaning	1,458.25	
33 01 30 41-0034	EA	Move And Set-up At Different Access/Location For Mechanical Cleaning	486.09	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 41-0035	LF	Up To 4" Diameter Pipe Line Cleaning, Mechanical Method	8.42	
		For >250 To 500, Deduct	*-0.41*	
		For >500 To 1,000, Deduct	*-0.81*	
		For >1,000 To 2,000, Deduct	*-1.22*	
		For >2,000 To 5,000, Deduct	*-1.62*	
		For >5,000, Deduct	*-2.03*	
33 01 30 41-0036	LF	6" Diameter Pipe Line Cleaning, Mechanical Method	11.06	
		For >250 To 500, Deduct	*-0.52*	
		For >500 To 1,000, Deduct	*-1.04*	
		For >1,000 To 2,000, Deduct	*-1.56*	
		For >2,000 To 5,000, Deduct	*-2.08*	
		For >5,000, Deduct	*-2.61*	
33 01 30 41-0037	LF	8" Diameter Pipe Line Cleaning, Mechanical Method	12.95	
		For >250 To 500, Deduct	*-0.61*	
		For >500 To 1,000, Deduct	*-1.22*	
		For >1,000 To 2,000, Deduct	*-1.82*	
		For >2,000 To 5,000, Deduct	*-2.43*	
		For >5,000, Deduct	*-3.04*	
33 01 30 41-0038	LF	10" Diameter Pipe Line Cleaning, Mechanical Method	14.97	
		For >250 To 500, Deduct	*-0.70*	
		For >500 To 1,000, Deduct	*-1.40*	
		For >1,000 To 2,000, Deduct	*-2.10*	
		For >2,000 To 5,000, Deduct	*-2.80*	
		For >5,000, Deduct	*-3.51*	
33 01 30 41-0039	LF	12" Diameter Pipe Line Cleaning, Mechanical Method	16.30	
		For >250 To 500, Deduct	*-0.76*	
		For >500 To 1,000, Deduct	*-1.52*	
		For >1,000 To 2,000, Deduct	*-2.28*	
		For >2,000 To 5,000, Deduct	*-3.04*	
		For >5,000, Deduct	*-3.80*	

33 01 30 41-0040 Pipe Line Auguring/Rod Out Pipe *(33 01 30 41-0001)*

33 01 30 41-0041	EA	Initial Set-up And Final Equipment Removal For Auguring	1,458.25	
33 01 30 41-0042	EA	Move And Set-up At Different Location For Auguring	486.09	
33 01 30 41-0043	LF	Up To 4" Diameter Pipe Line Auguring/Rod Out	4.86	
		For >250 To 500, Deduct	*-0.24*	
		For >500 To 1,000, Deduct	*-0.49*	
		For >1,000 To 2,000, Deduct	*-0.73*	
		For >2,000 To 5,000, Deduct	*-0.97*	
		For >5,000, Deduct	*-1.22*	
33 01 30 41-0044	LF	6" Diameter Pipe Line Auguring/Rod Out	6.29	
		For >250 To 500, Deduct	*-0.31*	
		For >500 To 1,000, Deduct	*-0.63*	
		For >1,000 To 2,000, Deduct	*-0.94*	
		For >2,000 To 5,000, Deduct	*-1.26*	
		For >5,000, Deduct	*-1.57*	
33 01 30 41-0045	LF	8" Diameter Pipe Line Auguring/Rod Out	7.30	
		For >250 To 500, Deduct	*-0.37*	
		For >500 To 1,000, Deduct	*-0.73*	
		For >1,000 To 2,000, Deduct	*-1.10*	
		For >2,000 To 5,000, Deduct	*-1.46*	
		For >5,000, Deduct	*-1.83*	
33 01 30 41-0046	LF	10" Diameter Pipe Line Auguring/Rod Out	8.48	
		For >250 To 500, Deduct	*-0.42*	
		For >500 To 1,000, Deduct	*-0.85*	
		For >1,000 To 2,000, Deduct	*-1.27*	
		For >2,000 To 5,000, Deduct	*-1.70*	
		For >5,000, Deduct	*-2.12*	
33 01 30 41-0047	LF	12" Diameter Pipe Line Auguring/Rod Out	9.11	
		For >250 To 500, Deduct	*-0.46*	
		For >500 To 1,000, Deduct	*-0.91*	
		For >1,000 To 2,000, Deduct	*-1.37*	
		For >2,000 To 5,000, Deduct	*-1.82*	
		For >5,000, Deduct	*-2.28*	
33 01 30 41-0048	LF	>12" To 16" Diameter Pipe Line Auguring/Rod Out	10.42	
		For >250 To 500, Deduct	*-0.52*	
		For >500 To 1,000, Deduct	*-1.04*	
		For >1,000 To 2,000, Deduct	*-1.56*	
		For >2,000 To 5,000, Deduct	*-2.08*	
		For >5,000, Deduct	*-2.61*	
33 01 30 41-0049	LF	>16" To 24" Diameter Pipe Line Auguring/Rod Out	12.79	
		For >250 To 500, Deduct	*-0.64*	
		For >500 To 1,000, Deduct	*-1.28*	
		For >1,000 To 2,000, Deduct	*-1.92*	
		For >2,000 To 5,000, Deduct	*-2.56*	
		For >5,000, Deduct	*-3.20*	
33 01 30 41-0050	LF	>24" To 30" Diameter Pipe Line Auguring/Rod Out	14.29	
		For >250 To 500, Deduct	*-0.71*	
		For >500 To 1,000, Deduct	*-1.43*	
		For >1,000 To 2,000, Deduct	*-2.14*	
		For >2,000 To 5,000, Deduct	*-2.86*	
		For >5,000, Deduct	*-3.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 41-0051	LF	>30" To 42" Diameter Pipe Line Auguring/Rod Out	16.57	
		For >250 To 500, Deduct	*-0.83*	
		For >500 To 1,000, Deduct	*-1.66*	
		For >1,000 To 2,000, Deduct	*-2.49*	
		For >2,000 To 5,000, Deduct	*-3.31*	
		For >5,000, Deduct	*-4.14*	
33 01 30 41-0052	LF	>42 To 60" Diameter Pipe Line Auguring/Rod Out	22.78	
		For >250 To 500, Deduct	*-1.14*	
		For >500 To 1,000, Deduct	*-2.28*	
		For >1,000 To 2,000, Deduct	*-3.42*	
		For >2,000 To 5,000, Deduct	*-4.56*	
		For >5,000, Deduct	*-5.70*	
33 01 30 41-0053	LF	>60" Diameter Pipe Line Auguring/Rod Out	24.30	
		For >250 To 500, Deduct	*-1.22*	
		For >500 To 1,000, Deduct	*-2.43*	
		For >1,000 To 2,000, Deduct	*-3.65*	
		For >2,000 To 5,000, Deduct	*-4.86*	
		For >5,000, Deduct	*-6.08*	

33 01 30 42 Cleaning of Manholes *(33 01 30)*

33 01 30 42-0001 Structure Cleaning And Flushing *(33 01 30 42)*

Note: Includes flushing. Owner provided water.

33 01 30 42-0002 Rod Out Structures And Other Hand Operations *(33 01 30 42-0001)*

33 01 30 42-0003	EA	Rod Out Waste Water Drain	57.13	
33 01 30 42-0004	EA	Rod Out Sewer Catch Basin	114.27	
33 01 30 42-0005	EA	Up To 6" Diameter Pipe, Rod Out Blockage	22.85	
33 01 30 42-0006	EA	8" Diameter Pipe, Rod Out Blockage	25.13	
33 01 30 42-0007	EA	10" Diameter Pipe, Rod Out Blockage	28.56	
33 01 30 42-0008	EA	12" Diameter Pipe, Rod Out Blockage	33.13	
33 01 30 42-0009	EA	>12" To 16" Diameter Pipe, Rod Out Blockage	38.85	
33 01 30 42-0010	EA	>16" To 24" Diameter Pipe, Rod Out Blockage	45.71	
33 01 30 42-0011	EA	>24" To 30" Diameter Pipe, Rod Out Blockage	53.71	
33 01 30 42-0012	EA	>30" To 42" Diameter Pipe, Rod Out Blockage	61.71	
33 01 30 42-0013	EA	>42" To 60" Diameter Pipe, Rod Out Blockage	71.99	
33 01 30 42-0014	EA	>60" Diameter Pipe, Rod Out Blockage	85.69	
33 01 30 42-0015	EA	Clean Out Debris From Entrance To Inlet Structure	285.67	
33 01 30 42-0016	EA	3' To 4' Diameter, Clean Out Blocked Manhole By Hand	1,046.25	
		For >10 To 100, Deduct	*-156.94*	
		For >100 To 250, Deduct	*-235.41*	
		For >250, Deduct	*-313.88*	
33 01 30 42-0017	EA	5' To 6' Diameter, Clean Out Blocked Manhole By Hand	1,255.49	
		For >10 To 100, Deduct	*-188.32*	
		For >100 To 250, Deduct	*-282.49*	
		For >250, Deduct	*-376.65*	
33 01 30 42-0018	EA	Clean Out Blocked Catch Basin By Hand	627.75	
		For >10 To 100, Deduct	*-94.16*	
		For >100 To 250, Deduct	*-141.24*	
		For >250, Deduct	*-188.33*	

33 01 30 42-0019 Cleaning Manholes And Drainage Structures With Jet/Vacuum *(33 01 30 42-0001)*

Note: Includes the removal of debris with high pressure water jetting and vacuum equipment and cleaning of grate. Excludes hardened concrete debris and disposal of material.

33 01 30 42-0020	EA	Jet/Vacuum Clean 1 To 2 Catch Basins Or Manholes	341.09
33 01 30 42-0021	EA	Jet/Vacuum Clean 3 To 10 Catch Basins Or Manholes	316.94
33 01 30 42-0022	EA	Jet/Vacuum Clean 11 To 25 Catch Basins Or Manholes	292.79
33 01 30 42-0023	EA	Jet/Vacuum Clean 26 To 100 Catch Basins Or Manholes	268.63
33 01 30 42-0024	EA	Jet/Vacuum Clean 101 To 250 Catch Basins Or Manholes	244.49
33 01 30 42-0025	EA	Jet/Vacuum Clean >250 Catch Basins Or Manholes	220.33

33 01 30 51 Maintenance of Utilities *(33 01 30)*

33 01 30 51-0001 Pipe Repair *(33 01 30 51)*

Note: Excludes excavation and backfill where required See CSI section 31 23 00 00-0000 for excavation and backfill.

33 01 30 51-0002 Pipe Repair Clamp, Full Circle, Single Band *(33 01 30 51-0001)*

Note: Repair clamps for asbestos cement pipe, cast iron soil pipe, non-reinforced concrete pipe, PVC pipe, vitrified clay pipe, gray iron pipe and ductile iron pipe.

33 01 30 51-0003	EA	2" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	130.86	
		For Stainless Steel Nuts And Bolts, Add		*20.64*
33 01 30 51-0004	EA	2" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	185.08	
		For Stainless Steel Nuts And Bolts, Add		*31.10*
33 01 30 51-0005	EA	2" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	213.48	
		For Stainless Steel Nuts And Bolts, Add		*36.63*
33 01 30 51-0006	EA	2" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	243.03	
		For Stainless Steel Nuts And Bolts, Add		*42.14*
33 01 30 51-0007	EA	2-1/2" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	141.08	
		For Stainless Steel Nuts And Bolts, Add		*22.41*
33 01 30 51-0008	EA	2-1/2" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	196.66	
		For Stainless Steel Nuts And Bolts, Add		*33.19*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0009	EA	2-1/2" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	225.11	
		For Stainless Steel Nuts And Bolts, Add	*38.59*	
33 01 30 51-0010	EA	2-1/2" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	259.87	
		For Stainless Steel Nuts And Bolts, Add	*45.15*	
33 01 30 51-0011	EA	3" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	151.49	
		For Stainless Steel Nuts And Bolts, Add	*24.52*	
33 01 30 51-0012	EA	3" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	204.47	
		For Stainless Steel Nuts And Bolts, Add	*34.70*	
33 01 30 51-0013	EA	3" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	236.10	
		For Stainless Steel Nuts And Bolts, Add	*40.68*	
33 01 30 51-0014	EA	3" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	274.81	
		For Stainless Steel Nuts And Bolts, Add	*48.30*	
33 01 30 51-0015	EA	4" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	170.56	
		For Stainless Steel Nuts And Bolts, Add	*27.88*	
33 01 30 51-0016	EA	4" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	224.91	
		For Stainless Steel Nuts And Bolts, Add	*37.53*	
33 01 30 51-0017	EA	4" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	272.65	
		For Stainless Steel Nuts And Bolts, Add	*45.68*	
33 01 30 51-0018	EA	4" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	328.44	
		For Stainless Steel Nuts And Bolts, Add	*55.11*	
33 01 30 51-0019	EA	4" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	428.44	
		For Stainless Steel Nuts And Bolts, Add	*74.02*	
33 01 30 51-0020	EA	4" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	532.58	
		For Stainless Steel Nuts And Bolts, Add	*92.93*	
33 01 30 51-0021	EA	4" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	649.43	
		For Stainless Steel Nuts And Bolts, Add	*113.99*	
33 01 30 51-0022	EA	6" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	200.43	
		For Stainless Steel Nuts And Bolts, Add	*32.90*	
33 01 30 51-0023	EA	6" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	265.76	
		For Stainless Steel Nuts And Bolts, Add	*44.63*	
33 01 30 51-0024	EA	6" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	314.88	
		For Stainless Steel Nuts And Bolts, Add	*52.62*	
33 01 30 51-0025	EA	6" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	369.17	
		For Stainless Steel Nuts And Bolts, Add	*61.15*	
33 01 30 51-0026	EA	6" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	509.22	
		For Stainless Steel Nuts And Bolts, Add	*88.61*	
33 01 30 51-0027	EA	6" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	619.01	
		For Stainless Steel Nuts And Bolts, Add	*108.06*	
33 01 30 51-0028	EA	6" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	739.31	
		For Stainless Steel Nuts And Bolts, Add	*129.12*	
33 01 30 51-0029	EA	8" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	262.94	
		For Stainless Steel Nuts And Bolts, Add	*39.36*	
33 01 30 51-0030	EA	8" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	341.21	
		For Stainless Steel Nuts And Bolts, Add	*52.08*	
33 01 30 51-0031	EA	8" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	411.75	
		For Stainless Steel Nuts And Bolts, Add	*63.02*	
33 01 30 51-0032	EA	8" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	491.80	
		For Stainless Steel Nuts And Bolts, Add	*75.10*	
33 01 30 51-0033	EA	8" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	650.91	
		For Stainless Steel Nuts And Bolts, Add	*104.04*	
33 01 30 51-0034	EA	8" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	778.52	
		For Stainless Steel Nuts And Bolts, Add	*124.41*	
33 01 30 51-0035	EA	8" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	922.45	
		For Stainless Steel Nuts And Bolts, Add	*146.43*	
33 01 30 51-0036	EA	10" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	306.98	
		For Stainless Steel Nuts And Bolts, Add	*47.90*	
33 01 30 51-0037	EA	10" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	411.47	
		For Stainless Steel Nuts And Bolts, Add	*66.26*	
33 01 30 51-0038	EA	10" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	484.90	
		For Stainless Steel Nuts And Bolts, Add	*77.47*	
33 01 30 51-0039	EA	10" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	594.53	
		For Stainless Steel Nuts And Bolts, Add	*95.82*	
33 01 30 51-0040	EA	10" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	778.57	
		For Stainless Steel Nuts And Bolts, Add	*129.97*	
33 01 30 51-0041	EA	10" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	887.54	
		For Stainless Steel Nuts And Bolts, Add	*145.27*	
33 01 30 51-0042	EA	10" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	1,139.72	
		For Stainless Steel Nuts And Bolts, Add	*191.65*	
33 01 30 51-0043	EA	12" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	349.69	
		For Stainless Steel Nuts And Bolts, Add	*54.03*	
33 01 30 51-0044	EA	12" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	455.91	
		For Stainless Steel Nuts And Bolts, Add	*71.86*	
33 01 30 51-0045	EA	12" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	550.23	
		For Stainless Steel Nuts And Bolts, Add	*86.96*	
33 01 30 51-0046	EA	12" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	676.39	
		For Stainless Steel Nuts And Bolts, Add	*108.06*	
33 01 30 51-0047	EA	12" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	868.45	
		For Stainless Steel Nuts And Bolts, Add	*142.72*	
33 01 30 51-0048	EA	12" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	1,021.91	
		For Stainless Steel Nuts And Bolts, Add	*166.67*	
33 01 30 51-0049	EA	12" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	1,296.54	
		For Stainless Steel Nuts And Bolts, Add	*216.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0050		Pipe Repair Clamp, Full Circle, Double Bands *(33 01 30 51-0001)*		
		Note: Repair clamps for reinforced concrete pipe, gray iron pipe and ductile iron pipe.		
33 01 30 51-0051	EA	14.38" To 15.13" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	767.54	
		For Stainless Steel Nuts And Bolts, Add	*207.89*	
33 01 30 51-0052	EA	14.38" To 15.13" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,086.19	
		For Stainless Steel Nuts And Bolts, Add	*300.12*	
33 01 30 51-0053	EA	14.38" To 15.13" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,461.60	
		For Stainless Steel Nuts And Bolts, Add	*407.00*	
33 01 30 51-0054	EA	14.38" To 15.13" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,147.95	
		For Stainless Steel Nuts And Bolts, Add	*613.43*	
33 01 30 51-0055	EA	15.07" To 15.82" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	805.66	
		For Stainless Steel Nuts And Bolts, Add	*218.12*	
33 01 30 51-0056	EA	15.07" To 15.82" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,137.09	
		For Stainless Steel Nuts And Bolts, Add	*314.03*	
33 01 30 51-0057	EA	15.07" To 15.82" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,526.46	
		For Stainless Steel Nuts And Bolts, Add	*424.56*	
33 01 30 51-0058	EA	15.07" To 15.82" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,251.81	
		For Stainless Steel Nuts And Bolts, Add	*642.70*	
33 01 30 51-0059	EA	15.92" To 16.67" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	826.64	
		For Stainless Steel Nuts And Bolts, Add	*222.53*	
33 01 30 51-0060	EA	15.92" To 16.67" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,164.66	
		For Stainless Steel Nuts And Bolts, Add	*319.90*	
33 01 30 51-0061	EA	15.92" To 16.67" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,567.09	
		For Stainless Steel Nuts And Bolts, Add	*434.08*	
33 01 30 51-0062	EA	15.92" To 16.67" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,309.91	
		For Stainless Steel Nuts And Bolts, Add	*656.60*	
33 01 30 51-0063	EA	16.56" To 17.31" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	848.74	
		For Stainless Steel Nuts And Bolts, Add	*226.92*	
33 01 30 51-0064	EA	16.56" To 17.31" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,196.10	
		For Stainless Steel Nuts And Bolts, Add	*326.48*	
33 01 30 51-0065	EA	16.56" To 17.31" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,606.83	
		For Stainless Steel Nuts And Bolts, Add	*442.13*	
33 01 30 51-0066	EA	16.56" To 17.31" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,368.20	
		For Stainless Steel Nuts And Bolts, Add	*669.79*	
33 01 30 51-0067	EA	17.15" To 17.90" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	868.72	
		For Stainless Steel Nuts And Bolts, Add	*230.58*	
33 01 30 51-0068	EA	17.15" To 17.90" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,223.19	
		For Stainless Steel Nuts And Bolts, Add	*331.60*	
33 01 30 51-0069	EA	17.15" To 17.90" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,646.56	
		For Stainless Steel Nuts And Bolts, Add	*450.18*	
33 01 30 51-0070	EA	17.15" To 17.90" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,421.18	
		For Stainless Steel Nuts And Bolts, Add	*680.76*	
33 01 30 51-0071	EA	17.82" To 18.57" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	887.52	
		For Stainless Steel Nuts And Bolts, Add	*234.25*	
33 01 30 51-0072	EA	17.82" To 18.57" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,250.75	
		For Stainless Steel Nuts And Bolts, Add	*337.45*	
33 01 30 51-0073	EA	17.82" To 18.57" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,681.89	
		For Stainless Steel Nuts And Bolts, Add	*457.50*	
33 01 30 51-0074	EA	17.82" To 18.57" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,455.64	
		For Stainless Steel Nuts And Bolts, Add	*686.25*	
33 01 30 51-0075	EA	18.46" To 19.21" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	908.96	
		For Stainless Steel Nuts And Bolts, Add	*238.81*	
33 01 30 51-0076	EA	18.46" To 19.21" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,283.18	
		For Stainless Steel Nuts And Bolts, Add	*344.77*	
33 01 30 51-0077	EA	18.46" To 19.21" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,719.31	
		For Stainless Steel Nuts And Bolts, Add	*465.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0078	EA	18.46" To 19.21" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,529.95	
		For Stainless Steel Nuts And Bolts, Add	*705.65*	
33 01 30 51-0079		PolySeal Pipe Coupler *(33 01 30 51-0001)*		
33 01 30 51-0080	EA	18" Diameter Pipe, PolySeal Repair Couplers (MarMac)	360.42	
33 01 30 51-0081	EA	24" Diameter Pipe, PolySeal Repair Couplers (MarMac)	406.86	
33 01 30 81		**Manhole Rehabilitation** *(33 01 30)*		
33 01 30 81-0001		Restoration And Rehabilitation Of Manholes *(33 01 30 81)* Note: Work is in confined spaces.		
33 01 30 81-0002		Manhole Seals *(33 01 30 81-0001)*		
33 01 30 81-0003		Internal Manhole Chimney Seals *(33 01 30 81-0002)* Note: Cretex.		
33 01 30 81-0004	EA	20" Internal Manhole Chimney Seal	636.56	
33 01 30 81-0005	EA	22" Internal Manhole Chimney Seal	670.97	
33 01 30 81-0006	EA	24" Internal Manhole Chimney Seal	688.16	
33 01 30 81-0007	EA	26" Internal Manhole Chimney Seal	791.39	
33 01 30 81-0008	EA	28" Internal Manhole Chimney Seal	894.61	
33 01 30 81-0009	EA	30" Internal Manhole Chimney Seal	997.85	
33 01 30 81-0010	EA	36" Internal Manhole Chimney Seal	1,204.29	
33 01 30 81-0011		External Manhole Encapsulation *(33 01 30 81-0002)* Note: Wrapidseal.		
33 01 30 81-0012	EA	24" External Manhole Encapsulation	929.02	
33 01 30 81-0013	EA	30" External Manhole Encapsulation	980.63	
33 01 30 81-0014	EA	36" External Manhole Encapsulation	1,049.45	
33 01 30 81-0015	EA	42" External Manhole Encapsulation	1,135.47	
33 01 30 81-0016	EA	48" External Manhole Encapsulation	1,255.91	
33 01 30 81-0017	EA	54" External Manhole Encapsulation	1,393.53	
33 01 30 81-0018	EA	60" External Manhole Encapsulation	1,565.58	
33 01 30 81-0019		Manhole Crack Repair *(33 01 30 81-0001)* Note: Includes removing loose materials and cleaning.		
33 01 30 81-0020	LF	Up To 1/4" Wide, Epoxy Grout Injection, Manhole Crack Repair	65.67	
33 01 30 81-0021	LF	>1/4" To 1/2" Wide, Epoxy Grout Injection, Manhole Crack Repair	88.38	
33 01 30 81-0022	LF	Up To 1/4" Wide, Urethane Grout Injection, Manhole Crack Repair	62.40	
33 01 30 81-0023	LF	>1/4" To 1/2" Wide, Urethane Grout Injection, Manhole Crack Repair	84.55	
33 01 30 81-0024		Manhole Patching *(33 01 30 81-0001)* Note: Includes removing loose materials and cleaning.		
33 01 30 81-0025	SF	Up To 1/4" Thick, Cementitious Grout, Manhole Patching	19.42	
33 01 30 81-0026	SF	Up To 1/4" Thick, Epoxy Grout, Manhole Patching	43.28	
33 01 30 81-0027		Manhole Joint Restoration *(33 01 30 81-0001)* Note: Includes drilling holes at joints, fill joints with grout.		
33 01 30 81-0028	EA	3' Diameter Joint Restoration, Grout Fill Per Each Manhole Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.	2,607.69	
		For Grouting Each Additional Manhole Joint Section, Add	*256.36*	
33 01 30 81-0029	EA	3-1/2' Diameter Joint Restoration, Grout Fill Per Each Manhole Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.	3,044.12	
		For Grouting Each Additional Manhole Joint Section, Add	*286.59*	
33 01 30 81-0030	EA	4' Diameter Joint Restoration, Grout Fill Per Each Manhole Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.	3,476.93	
		For Grouting Each Additional Manhole Joint Section, Add	*316.81*	
33 01 30 81-0031	EA	5' Diameter Joint Restoration, Grout Fill Per Each Manhole Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.	4,121.27	
		For Grouting Each Additional Manhole Joint Section, Add	*331.93*	
33 01 30 81-0032	EA	6' Diameter Joint Restoration, Grout Fill Per Each Manhole Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.	4,763.79	
		For Grouting Each Additional Manhole Joint Section, Add	*347.04*	
33 01 30 81-0033		Step Installation In Existing Manholes *(33 01 30 81-0001)* Note: Including drilling in existing concrete manhole, step and grout. Demolition cost includes removal of old step and patching holes.		
33 01 30 81-0034	EA	Drill And Grout 8" x 9" Cast Iron Manhole Steps	155.41	26.66
33 01 30 81-0035	EA	Drill And Grout Galvanized Steel Manhole Step	132.12	26.66
33 01 30 81-0036	EA	Bolt On Galvanized Steel Manhole Step	136.72	26.66
33 01 30 81-0037	EA	Drill And Grout Aluminum Manhole Step	166.84	26.66
33 01 30 81-0038	EA	Drill And Insert Polypropylene Manhole Step	79.98	21.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 81-0039		**Invert Restoration** *(33 01 30 81-0001)* Note: Includes removal of existing defective material and installation of new material.		
33 01 30 81-0040		**Concrete Invert Restoration** *(33 01 30 81-0039)*		
33 01 30 81-0041	EA	2' Diameter, Concrete Invert Restoration	401.67	
33 01 30 81-0042	EA	3' Diameter, Concrete Invert Restoration	452.92	
33 01 30 81-0043	EA	4' Diameter, Concrete Invert Restoration	504.17	
33 01 30 81-0044	EA	5' Diameter, Concrete Invert Restoration	555.43	
33 01 30 81-0045	EA	6' Diameter, Concrete Invert Restoration	709.18	
33 01 30 81-0046	SF	Square Or Rectangular, Concrete Invert Restoration	40.10	
33 01 30 81-0047		**Brick Invert Restoration** *(33 01 30 81-0039)*		
33 01 30 81-0048	EA	2' Diameter, Brick Invert Restoration	649.83	
33 01 30 81-0049	EA	3' Diameter, Brick Invert Restoration	701.08	
33 01 30 81-0050	EA	4' Diameter, Brick Invert Restoration	752.33	
33 01 30 81-0051	EA	5' Diameter, Brick Invert Restoration	803.58	
33 01 30 81-0052	EA	6' Diameter, Brick Invert Restoration	854.83	
33 01 30 81-0053	SF	Square Or Rectangular, Brick Invert Restoration	56.42	
33 01 30 81-0054		**Repair In-Kind Of Drainage Structures** *(33 01 30 81)* Note: For brick, concrete or concrete block catch basins, inlets, manholes, and other drainage structures. Includes replacing bricks or concrete blocks, concrete repair, sealing and repairing joints, excavation, backfilling, pavement removal, restoration of pavement and all tasks to perform interior and/or exterior repair in-kind. Sizes are inside dimensions. For other sizes, use closest size.		
33 01 30 81-0055	VLF	2' Diameter, Repair In-Kind Drainage Structure	875.25	
33 01 30 81-0056	VLF	3' Diameter, Repair In-Kind Drainage Structure	1,312.89	
33 01 30 81-0057	VLF	4' Diameter, Repair In-Kind Drainage Structure	1,750.64	
33 01 30 81-0058	VLF	5' Diameter, Repair In-Kind Drainage Structure	2,188.15	
33 01 30 81-0059	VLF	6' Diameter, Repair In-Kind Drainage Structure	2,625.78	
33 01 30 81-0060	VLF	2' x 2', Repair In-Kind Drainage Structure	1,114.98	
33 01 30 81-0061	VLF	2' x 3', Repair In-Kind Drainage Structure	1,393.73	
33 01 30 81-0062	VLF	2' x 4', Repair In-Kind Drainage Structure	1,672.47	
33 01 30 81-0063	VLF	3' x 4', Repair In-Kind Drainage Structure	1,951.22	
33 01 30 81-0064	VLF	4' x 4', Repair In-Kind Drainage Structure	2,229.97	
33 01 30 81-0065	VLF	4' x 5', Repair In-Kind Drainage Structure	2,508.71	
33 01 30 81-0066	VLF	4' x 6', Repair In-Kind Drainage Structure	2,787.46	
33 01 30 81-0067	VLF	4' x 8', Repair In-Kind Drainage Structure	3,344.95	
33 01 30 81-0068	VLF	>32 GSF, Repair In-Kind Drainage Structure	3,902.44	
33 01 30 82		**Epoxy Lining for Concrete Manholes** *(33 01 30)*		
33 01 30 82-0001		**Epoxy Manhole Restoration, Interior** *(33 01 30 82)*		
33 01 30 82-0002	VLF	60 Mil Epoxy Restoration Of 3' Diameter Manhole Interior	404.92	
		For 80 Mil Material, Add	*47.13*	
		For 100 Mil Material, Add	*94.25*	
		For 125 Mil Material, Add	*146.79*	
		For 150 Mil Material, Add	*199.32*	
		For 200 Mil Material, Add	*287.38*	
		For 2 To 5 Manholes, Deduct	*-28.75*	
		For 6 To 10 Manholes, Deduct	*-47.37*	
		For >10 Manholes, Deduct	*-94.74*	
33 01 30 82-0003	VLF	60 Mil Epoxy Restoration Of 3-1/2' Diameter Manhole Interior	491.36	
		For 80 Mil Material, Add	*56.42*	
		For 100 Mil Material, Add	*112.84*	
		For 125 Mil Material, Add	*175.57*	
		For 150 Mil Material, Add	*238.31*	
		For 200 Mil Material, Add	*342.99*	
		For 2 To 5 Manholes, Deduct	*-34.96*	
		For 6 To 10 Manholes, Deduct	*-57.63*	
		For >10 Manholes, Deduct	*-115.27*	
33 01 30 82-0004	VLF	60 Mil Epoxy Restoration Of 4' Diameter Manhole Interior	539.89	
		For 80 Mil Material, Add	*62.83*	
		For 100 Mil Material, Add	*125.67*	
		For 125 Mil Material, Add	*195.71*	
		For 150 Mil Material, Add	*265.76*	
		For 200 Mil Material, Add	*383.17*	
		For 2 To 5 Manholes, Deduct	*-38.33*	
		For 6 To 10 Manholes, Deduct	*-63.16*	
		For >10 Manholes, Deduct	*-126.32*	
33 01 30 82-0005	VLF	60 Mil Epoxy Restoration Of 5' Diameter Manhole Interior	674.94	
		For 80 Mil Material, Add	*78.57*	
		For 100 Mil Material, Add	*157.14*	
		For 125 Mil Material, Add	*244.72*	
		For 150 Mil Material, Add	*332.31*	
		For 200 Mil Material, Add	*479.14*	
		For 2 To 5 Manholes, Deduct	*-47.92*	
		For 6 To 10 Manholes, Deduct	*-78.96*	
		For >10 Manholes, Deduct	*-157.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 82-0006	VLF	60 Mil Epoxy Restoration Of 6' Diameter Manhole Interior	809.91	
		For 80 Mil Material, Add	*94.28*	
		For 100 Mil Material, Add	*188.55*	
		For 125 Mil Material, Add	*293.65*	
		For 150 Mil Material, Add	*398.75*	
		For 200 Mil Material, Add	*574.93*	
		For 2 To 5 Manholes, Deduct	*-57.50*	
		For 6 To 10 Manholes, Deduct	*-94.75*	
		For >10 Manholes, Deduct	*-189.50*	

33 01 30 83 Lining for Concrete Manholes *(33 01 30)*

33 01 30 83-0001 Manhole Lining *(33 01 30 83)*

Note: Includes power washing and cleaning of manhole interiors.

33 01 30 83-0002 Cementitious Manhole Restoration, Interior *(33 01 30 83-0001)*

33 01 30 83-0003	VLF	1/2" Cementitious Restoration On 3' Diameter Manhole Interior	172.22	
		For Each Additional 1/2" Thick Material, Add	*40.14*	
		For 2 To 5 Manholes, Deduct	*-12.20*	
		For 6 To 10 Manholes, Deduct	*-20.10*	
		For >10 Manholes, Deduct	*-40.19*	
33 01 30 83-0004	VLF	1/2" Cementitious Restoration On 3-1/2' Diameter Manhole Interior	199.66	
		For Each Additional 1/2" Thick Material, Add	*46.70*	
		For 2 To 5 Manholes, Deduct	*-14.14*	
		For 6 To 10 Manholes, Deduct	*-23.29*	
		For >10 Manholes, Deduct	*-46.57*	
33 01 30 83-0005	VLF	1/2" Cementitious Restoration On 4' Diameter Manhole Interior	227.11	
		For Each Additional 1/2" Thick Material, Add	*53.27*	
		For 2 To 5 Manholes, Deduct	*-16.08*	
		For 6 To 10 Manholes, Deduct	*-26.48*	
		For >10 Manholes, Deduct	*-52.96*	
33 01 30 83-0006	VLF	1/2" Cementitious Restoration On 5' Diameter Manhole Interior	267.13	
		For Each Additional 1/2" Thick Material, Add	*65.10*	
		For 2 To 5 Manholes, Deduct	*-18.84*	
		For 6 To 10 Manholes, Deduct	*-30.99*	
		For >10 Manholes, Deduct	*-61.98*	
33 01 30 83-0007	VLF	1/2" Cementitious Restoration On 6' Diameter Manhole Interior	291.55	
		For Each Additional 1/2" Thick Material, Add	*75.00*	
		For 2 To 5 Manholes, Deduct	*-20.43*	
		For 6 To 10 Manholes, Deduct	*-33.58*	
		For >10 Manholes, Deduct	*-67.16*	

33 01 30 83-0008 Polyurethane Manhole Restoration, Interior *(33 01 30 83-0001)*

33 01 30 83-0009	VLF	60 Mil Polyurethane Restoration Of 3' Diameter Manhole Interior	362.70	
		For 80 Mil Material, Add	*33.05*	
		For 100 Mil Material, Add	*66.11*	
		For 125 Mil Material, Add	*101.05*	
		For 150 Mil Material, Add	*135.99*	
		For 200 Mil Material, Add	*188.87*	
		For 2 To 5 Manholes, Deduct	*-26.64*	
		For 6 To 10 Manholes, Deduct	*-44.21*	
		For >10 Manholes, Deduct	*-88.41*	
33 01 30 83-0010	VLF	60 Mil Polyurethane Restoration Of 3-1/2' Diameter Manhole Interior	442.03	
		For 80 Mil Material, Add	*39.98*	
		For 100 Mil Material, Add	*79.95*	
		For 125 Mil Material, Add	*122.13*	
		For 150 Mil Material, Add	*164.31*	
		For 200 Mil Material, Add	*227.89*	
		For 2 To 5 Manholes, Deduct	*-32.49*	
		For 6 To 10 Manholes, Deduct	*-53.93*	
		For >10 Manholes, Deduct	*-107.87*	
33 01 30 83-0011	VLF	60 Mil Polyurethane Restoration Of 4' Diameter Manhole Interior	483.60	
		For 80 Mil Material, Add	*44.07*	
		For 100 Mil Material, Add	*88.14*	
		For 125 Mil Material, Add	*134.73*	
		For 150 Mil Material, Add	*181.32*	
		For 200 Mil Material, Add	*251.83*	
		For 2 To 5 Manholes, Deduct	*-35.52*	
		For 6 To 10 Manholes, Deduct	*-58.94*	
		For >10 Manholes, Deduct	*-117.88*	
33 01 30 83-0012	VLF	60 Mil Polyurethane Restoration Of 5' Diameter Manhole Interior	604.50	
		For 80 Mil Material, Add	*55.09*	
		For 100 Mil Material, Add	*110.18*	
		For 125 Mil Material, Add	*168.41*	
		For 150 Mil Material, Add	*226.65*	
		For 200 Mil Material, Add	*314.78*	
		For 2 To 5 Manholes, Deduct	*-44.39*	
		For 6 To 10 Manholes, Deduct	*-73.68*	
		For >10 Manholes, Deduct	*-147.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 83-0013	VLF	60 Mil Polyurethane Restoration Of 6' Diameter Manhole Interior	725.40	
		For 80 Mil Material, Add	*66.11*	
		For 100 Mil Material, Add	*132.21*	
		For 125 Mil Material, Add	*202.10*	
		For 150 Mil Material, Add	*271.98*	
		For 200 Mil Material, Add	*377.74*	
		For 2 To 5 Manholes, Deduct	*-53.27*	
		For 6 To 10 Manholes, Deduct	*-88.41*	
		For >10 Manholes, Deduct	*-176.82*	

33 01 30 83-0014 Multiplexx™ PVCP Cured-In-Place (CIP) Lining Manhole Restoration, Interior *(33 01 30 83-0001)*

33 01 30 83-0015	VLF	3' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole	612.26	
		For 2 To 5 Manholes, Deduct	*-35.75*	
		For 6 To 10 Manholes, Deduct	*-56.20*	
		For >10 Manholes, Deduct	*-112.40*	
33 01 30 83-0016	VLF	3-1/2' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole	749.78	
		For 2 To 5 Manholes, Deduct	*-43.77*	
		For 6 To 10 Manholes, Deduct	*-68.80*	
		For >10 Manholes, Deduct	*-137.60*	
33 01 30 83-0017	VLF	4' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole	882.45	
		For 2 To 5 Manholes, Deduct	*-50.98*	
		For 6 To 10 Manholes, Deduct	*-79.89*	
		For >10 Manholes, Deduct	*-159.78*	
33 01 30 83-0018	VLF	5' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole	1,106.60	
		For 2 To 5 Manholes, Deduct	*-63.90*	
		For 6 To 10 Manholes, Deduct	*-100.13*	
		For >10 Manholes, Deduct	*-200.25*	
33 01 30 83-0019	VLF	6' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole	1,330.76	
		For 2 To 5 Manholes, Deduct	*-76.82*	
		For 6 To 10 Manholes, Deduct	*-120.37*	
		For >10 Manholes, Deduct	*-240.73*	

33 01 70 Operation and Maintenance of Electrical Utilities *(33 01)*

33 01 70 51 Electrical Utility Visual Inspection *(33 01 70)*

33 01 70 51-0001 Video Camera Inspection Of Gas Piping and Electrical Duct *(33 01 70 51)*

33 01 70 51-0002 Set-up For Video Camera *(33 01 70 51-0001)*

33 01 70 51-0003	EA	Up To 12" Diameter, Initial Set-up For Video Inspection, Gas Pipe Or Electrical Duct	327.99	
33 01 70 51-0004	EA	Initial Set-up And Final Equipment Removal For >12" To 48" Diameter, Video Inspection, Gas Pipe	368.99	
33 01 70 51-0005	EA	Move And Set-up For Up To 12" Diameter, Video Inspection, Gas Pipe Or Electrical Duct	82.00	
33 01 70 51-0006	EA	Move And Set-up For >12" To 48" Diameter, Video Inspection, Gas Pipe	122.99	

33 01 70 51-0007 Video Camera Inspection Of Gas Pipe Or Electrical Duct *(33 01 70 51-0001)*

33 01 70 51-0008	LF	Up To 12" Diameter, Video Inspection, Gas Pipe Or Electrical Duct	1.27	
		For >1,000 To 5,000, Deduct	*-0.06*	
		For >5,000, Deduct	*-0.13*	
33 01 70 51-0009	LF	>12" To 48" Diameter, Video Inspection, Gas Pipe	1.96	
		For >1,000 To 5,000, Deduct	*-0.10*	
		For >5,000, Deduct	*-0.20*	

33 01 70 72 Cured-in-Place Conduit Lining *(33 01 70)*

33 01 70 72-0001 Lining Conduit With Cured In-Place (CIP) Liner *(33 01 70 72)*

Note: Cured in-place thermosetting resin pipe and resin impregnated tube. Excludes video camera inspection and cleaning.

33 01 70 72-0002 2mm Thick Cured In-Place Conduit Lining *(33 01 70 72-0001)*

33 01 70 72-0003	LF	1-1/2" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining	8.55	
		For Up To >10, Add	*16.45*	
		For >10 To 25, Add	*13.10*	
		For >25 To 50, Add	*8.04*	
		For >50 To 100, Add	*4.02*	
		For >500 To 1,000, Deduct	*-0.55*	
		For >1,000 To 2,000, Deduct	*-0.88*	
		For >2,000 To 5,000, Deduct	*-1.66*	
		For >5,000, Deduct	*-2.68*	
33 01 70 72-0004	LF	2" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining	10.45	
		For Up To >10, Add	*18.93*	
		For >10 To 25, Add	*14.94*	
		For >25 To 50, Add	*9.21*	
		For >50 To 100, Add	*4.61*	
		For >500 To 1,000, Deduct	*-0.66*	
		For >1,000 To 2,000, Deduct	*-1.06*	
		For >2,000 To 5,000, Deduct	*-1.97*	
		For >5,000, Deduct	*-3.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 70 72-0005	LF	2-1/2" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining	13.11	
		For Up To >10, Add	*23.68*	
		For >10 To 25, Add	*18.69*	
		For >25 To 50, Add	*11.53*	
		For >50 To 100, Add	*5.76*	
		For >500 To 1,000, Deduct	*-0.83*	
		For >1,000 To 2,000, Deduct	*-1.33*	
		For >2,000 To 5,000, Deduct	*-2.46*	
		For >5,000, Deduct	*-3.99*	
33 01 70 72-0006	LF	3" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining	15.47	
		For Up To >10, Add	*27.54*	
		For >10 To 25, Add	*21.69*	
		For >25 To 50, Add	*13.39*	
		For >50 To 100, Add	*6.70*	
		For >500 To 1,000, Deduct	*-0.97*	
		For >1,000 To 2,000, Deduct	*-1.56*	
		For >2,000 To 5,000, Deduct	*-2.89*	
		For >5,000, Deduct	*-4.68*	
33 01 70 72-0007	LF	3-1/2" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining	17.38	
		For Up To >10, Add	*30.02*	
		For >10 To 25, Add	*23.54*	
		For >25 To 50, Add	*14.57*	
		For >50 To 100, Add	*7.28*	
		For >500 To 1,000, Deduct	*-1.08*	
		For >1,000 To 2,000, Deduct	*-1.73*	
		For >2,000 To 5,000, Deduct	*-3.19*	
		For >5,000, Deduct	*-5.18*	
33 01 70 72-0008	LF	4" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining	19.59	
		For Up To >10, Add	*33.42*	
		For >10 To 25, Add	*26.16*	
		For >25 To 50, Add	*16.20*	
		For >50 To 100, Add	*8.10*	
		For >500 To 1,000, Deduct	*-1.22*	
		For >1,000 To 2,000, Deduct	*-1.94*	
		For >2,000 To 5,000, Deduct	*-3.58*	
		For >5,000, Deduct	*-5.81*	
33 01 70 72-0009	LF	5" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining	23.08	
		For Up To >10, Add	*37.42*	
		For >10 To 25, Add	*29.06*	
		For >25 To 50, Add	*18.07*	
		For >50 To 100, Add	*9.04*	
		For >500 To 1,000, Deduct	*-1.41*	
		For >1,000 To 2,000, Deduct	*-2.25*	
		For >2,000 To 5,000, Deduct	*-4.12*	
		For >5,000, Deduct	*-6.69*	
33 01 70 72-0010	LF	6" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining	26.58	
		For Up To >10, Add	*41.47*	
		For >10 To 25, Add	*32.00*	
		For >25 To 50, Add	*19.97*	
		For >50 To 100, Add	*9.98*	
		For >500 To 1,000, Deduct	*-1.61*	
		For >1,000 To 2,000, Deduct	*-2.56*	
		For >2,000 To 5,000, Deduct	*-4.65*	
		For >5,000, Deduct	*-7.57*	

33 01 70 72-0011 3mm Thick Cured In-Place Conduit Lining *(33 01 70 72-0001)*

33 01 70 72-0012	LF	1-1/2" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	10.54	
		For Up To >10, Add	*18.22*	
		For >10 To 25, Add	*14.29*	
		For >25 To 50, Add	*8.84*	
		For >50 To 100, Add	*4.42*	
		For >500 To 1,000, Deduct	*-0.66*	
		For >1,000 To 2,000, Deduct	*-1.05*	
		For >2,000 To 5,000, Deduct	*-1.94*	
		For >5,000, Deduct	*-3.14*	
33 01 70 72-0013	LF	2" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	13.70	
		For Up To >10, Add	*22.85*	
		For >10 To 25, Add	*17.83*	
		For >25 To 50, Add	*11.06*	
		For >50 To 100, Add	*5.53*	
		For >500 To 1,000, Deduct	*-0.85*	
		For >1,000 To 2,000, Deduct	*-1.35*	
		For >2,000 To 5,000, Deduct	*-2.48*	
		For >5,000, Deduct	*-4.02*	
33 01 70 72-0014	LF	2-1/2" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	16.86	
		For Up To >10, Add	*27.48*	
		For >10 To 25, Add	*21.36*	
		For >25 To 50, Add	*13.28*	
		For >50 To 100, Add	*6.64*	
		For >500 To 1,000, Deduct	*-1.03*	
		For >1,000 To 2,000, Deduct	*-1.65*	
		For >2,000 To 5,000, Deduct	*-3.01*	
		For >5,000, Deduct	*-4.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 70 72-0015	LF	3" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	19.71	
		For Up To >10, Add	*31.18*	
		For >10 To 25, Add	*24.12*	
		For >25 To 50, Add	*15.03*	
		For >50 To 100, Add	*7.52*	
		For >500 To 1,000, Deduct	*-1.20*	
		For >1,000 To 2,000, Deduct	*-1.90*	
		For >2,000 To 5,000, Deduct	*-3.47*	
		For >5,000, Deduct	*-5.65*	
33 01 70 72-0016	LF	3-1/2" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	22.41	
		For Up To >10, Add	*34.43*	
		For >10 To 25, Add	*26.51*	
		For >25 To 50, Add	*16.56*	
		For >50 To 100, Add	*8.28*	
		For >500 To 1,000, Deduct	*-1.35*	
		For >1,000 To 2,000, Deduct	*-2.15*	
		For >2,000 To 5,000, Deduct	*-3.90*	
		For >5,000, Deduct	*-6.34*	
33 01 70 72-0017	LF	4" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	25.26	
		For Up To >10, Add	*38.13*	
		For >10 To 25, Add	*29.27*	
		For >25 To 50, Add	*18.31*	
		For >50 To 100, Add	*9.16*	
		For >500 To 1,000, Deduct	*-1.52*	
		For >1,000 To 2,000, Deduct	*-2.40*	
		For >2,000 To 5,000, Deduct	*-4.36*	
		For >5,000, Deduct	*-7.09*	
33 01 70 72-0018	LF	5" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	30.82	
		For Up To >10, Add	*45.11*	
		For >10 To 25, Add	*34.44*	
		For >25 To 50, Add	*21.61*	
		For >50 To 100, Add	*10.80*	
		For >500 To 1,000, Deduct	*-1.84*	
		For >1,000 To 2,000, Deduct	*-2.91*	
		For >2,000 To 5,000, Deduct	*-5.24*	
		For >5,000, Deduct	*-8.54*	
33 01 70 72-0019	LF	6" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	35.92	
		For Up To >10, Add	*50.71*	
		For >10 To 25, Add	*38.46*	
		For >25 To 50, Add	*24.21*	
		For >50 To 100, Add	*12.11*	
		For >500 To 1,000, Deduct	*-2.12*	
		For >1,000 To 2,000, Deduct	*-3.35*	
		For >2,000 To 5,000, Deduct	*-6.01*	
		For >5,000, Deduct	*-9.80*	

33 05 Common Work Results for Utilities *(33)*

33 05 09 Piping Specials for Utilities *(33 05)*

33 05 09 23 Adapters for Utility Piping *(33 05 09)*

See CSI section 33 14 13 53-0191 for ductile iron body adapters, 33 14 13 53-0198 for steel body adapters.

33 05 09 33 Thrust Restraint for Utility Piping *(33 05 09)*

See CSI section 33 14 13 13-0241 for mechanical restraints, 33 14 13 13-0267 for flanged restraints, 33 14 13 13-0656 for slip-on restraints, 33 14 13 13-0662 for slip-on restraint harnesses.

33 05 16 Cast-Iron Utility Pipe *(33 05)*

See CSI section 22 13 16 00-0019 for cast iron utility piping.

33 05 17 Copper Utility Pipe and Tubing *(33 05)*

See CSI section 33 14 13 39-0000 for copper utility piping.

33 05 19 Ductile-Iron Utility Pipe *(33 05)*

See CSI section 33 14 13 13-0000 for ductile iron utility piping.

33 05 24 Steel Utility Pipe *(33 05)*

33 05 24 23 Steel Pipe for Water Service *(33 05 24)*

See CSI section 33 14 13 26-0000 for galvanized steel utility piping, 33 14 13 36-0000 for steel utility piping.

33 05 31 Thermoplastic Utility Pipe *(33 05)*

33 05 31 11 Polyvinyl Chloride Gravity Sewer Pipe *(33 05 31)*

See CSI section 33 31 11 00-0000 for polyvinyl chloride gravity sewer pipe.

33 05 31 13 Polyvinyl Chloride Pressure Pipe *(33 05 31)*

See CSI section 33 14 13 23-0001 for polyvinyl chloride pressure pipe.

33 05 31 16 Polyvinyl Chloride Pressure Pipe for Water Transmission and Distribution (AWWA C900 and AWWA C905) *(33 05 31)*

See CSI section 33 14 13 23-0285 for AWWA C900 and 905 polyvinyl chloride pressure pipe.

33 05 33 Polyethylene Utility Pipe *(33 05)*

33 05 33 53 HDPE Gas Utility Pipe *(33 05 33)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

See CSI section 33 52 16 26-0001 for high-density polyethylene gas utility pipe.

33 05 33 56 Medium-Density Polyethylene Gas Utility Pipe *(33 05 33)*

See CSI section 33 52 16 23-0000 for Medium-Density Polyethylene Gas Utility Pipe.

33 05 33 63 HDPE Communication Duct *(33 05 33)*

33 05 33 63-0001 ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine *(33 05 33 63)*

Note: Excludes boring.

33 05 33 63-0002	LF	1" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine	4.21	
		For Up To 250, Add	*0.13*	
		For >250 To 500, Add	*0.09*	
33 05 33 63-0003	LF	1-1/4" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine	4.71	
		For Up To 250, Add	*0.16*	
		For >250 To 500, Add	*0.11*	
33 05 33 63-0004	LF	1-1/2" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine	5.11	
		For Up To 250, Add	*0.18*	
		For >250 To 500, Add	*0.12*	
33 05 33 63-0005	LF	2" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine	5.61	
		For Up To 250, Add	*0.21*	
		For >250 To 500, Add	*0.14*	
33 05 33 63-0006	LF	3" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine	7.51	
		For Up To 250, Add	*0.45*	
		For >250 To 500, Add	*0.30*	
33 05 33 63-0007	LF	4" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine	9.47	
		For Up To 250, Add	*0.69*	
		For >250 To 500, Add	*0.46*	
33 05 33 63-0008	LF	1" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine	4.30	
		For Up To 250, Add	*0.14*	
		For >250 To 500, Add	*0.10*	
33 05 33 63-0009	LF	1-1/4" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine	4.88	
		For Up To 250, Add	*0.18*	
		For >250 To 500, Add	*0.12*	
33 05 33 63-0010	LF	1-1/2" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine	5.25	
		For Up To 250, Add	*0.20*	
		For >250 To 500, Add	*0.13*	
33 05 33 63-0011	LF	2" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine	5.95	
		For Up To 250, Add	*0.27*	
		For >250 To 500, Add	*0.18*	
33 05 33 63-0012	LF	3" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine	8.27	
		For Up To 250, Add	*0.56*	
		For >250 To 500, Add	*0.38*	
33 05 33 63-0013	LF	4" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine	10.43	
		For Up To 250, Add	*0.83*	
		For >250 To 500, Add	*0.55*	

33 05 39 Concrete Pipe *(33 05)*

33 05 39 13 Prestressed Concrete Pressure Pipe, Steel-Cylinder Type (AWWA C301) *(33 05 39)*

See CSI section 33 42 11 00-0040 for prestressed concrete pressure pipe.

33 05 39 41 Reinforced Concrete Pipe for Sewers and Culverts *(33 05 39)*

See CSI section 33 42 11 00-0001 for reinforced concrete pipe.

33 05 41 Vitrified Clay Utility Pipe *(33 05)*

See CSI section 33 42 11 00-0066 for vitrified clay piping.

33 05 61 Concrete Manholes *(33 05)*

33 05 61 00-0001 Manholes *(33 05 61)*

33 05 61 00-0002 Precast Concrete Manholes *(33 05 61 00-0001)*

Note: Includes base, riser(s), reducer and openings. Excludes excavation, aggregate, backfill and frame/cover. See CSI section 33 05 84 00-0002 for top slabs.

33 05 61 00-0003 3' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*

33 05 61 00-0004	EA	4' Deep, 3' Diameter, Precast Concrete Manhole	1,866.98	348.67
		For Bitumastic Coating, Add	*84.11*	
		For Epoxy Coating, Add	*160.72*	
33 05 61 00-0005	EA	6' Deep, 3' Diameter, Precast Concrete Manhole	2,547.55	500.82
		For Bitumastic Coating, Add	*126.16*	
		For Epoxy Coating, Add	*241.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 61 00-0006	EA	8' Deep, 3' Diameter, Precast Concrete Manhole	3,443.67	760.74
		For Bitumastic Coating, Add	*168.22*	
		For Epoxy Coating, Add	*321.45*	
33 05 61 00-0007	VLF	Riser For 3' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	365.65	88.76
		For Bitumastic Coating, Add	*21.03*	
		For Epoxy Coating, Add	*40.18*	
33 05 61 00-0008	VLF	Drop Collar For 3' Diameter, Precast Concrete Manhole	393.24	88.76
33 05 61 00-0009	EA	Drop Base For 3' Diameter, Precast Concrete Manhole	622.92	88.76
33 05 61 00-0010	EA	Extended Base Slab For 3' Diameter, Precast Concrete Manhole	499.58	88.76
33 05 61 00-0011	EA	Precast Channel For 3' Diameter, Precast Concrete Manhole	709.65	88.76

33 05 61 00-0012 4' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*

33 05 61 00-0013	EA	4' Deep, 4' Diameter, Precast Concrete Manhole	2,520.68	399.39
		For Bitumastic Coating, Add	*84.11*	
		For Epoxy Coating, Add	*160.72*	
33 05 61 00-0014	EA	6' Deep, 4' Diameter, Precast Concrete Manhole	3,367.75	545.19
		For Bitumastic Coating, Add	*126.16*	
		For Epoxy Coating, Add	*241.09*	
33 05 61 00-0015	EA	8' Deep, 4' Diameter, Precast Concrete Manhole	4,469.41	824.14
		For Bitumastic Coating, Add	*168.22*	
		For Epoxy Coating, Add	*321.45*	
33 05 61 00-0016	VLF	Riser For 4' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	482.15	104.60
		For Bitumastic Coating, Add	*21.03*	
		For Epoxy Coating, Add	*40.18*	
33 05 61 00-0017	VLF	Drop Collar For 4' Diameter, Precast Concrete Manhole	522.67	104.60
33 05 61 00-0018	EA	Drop Base For 4' Diameter, Precast Concrete Manhole	859.73	104.60
33 05 61 00-0019	EA	Extended Base Slab For 4' Diameter, Precast Concrete Manhole	678.72	104.60
33 05 61 00-0020	EA	Precast Channel For 4' Diameter, Precast Concrete Manhole	987.05	104.60

33 05 61 00-0021 5' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*

33 05 61 00-0022	EA	4' Deep, 5' Diameter, Precast Concrete Manhole	4,659.58	443.77
		For Bitumastic Coating, Add	*108.37*	
		For Epoxy Coating, Add	*259.10*	
33 05 61 00-0023	EA	6' Deep, 5' Diameter, Precast Concrete Manhole	6,209.26	608.59
		For Bitumastic Coating, Add	*162.55*	
		For Epoxy Coating, Add	*388.65*	
33 05 61 00-0024	EA	8' Deep, 5' Diameter, Precast Concrete Manhole	8,041.15	912.88
		For Bitumastic Coating, Add	*216.74*	
		For Epoxy Coating, Add	*518.21*	
33 05 61 00-0025	VLF	Riser For 5' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	840.23	114.11
		For Bitumastic Coating, Add	*27.09*	
		For Epoxy Coating, Add	*64.78*	

33 05 61 00-0026 6' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*

33 05 61 00-0027	EA	4' Deep, 6' Diameter, Precast Concrete Manhole	6,227.26	494.48
		For Bitumastic Coating, Add	*124.07*	
		For Epoxy Coating, Add	*303.34*	
33 05 61 00-0028	EA	6' Deep, 6' Diameter, Precast Concrete Manhole	8,118.52	671.99
		For Bitumastic Coating, Add	*186.10*	
		For Epoxy Coating, Add	*455.01*	
33 05 61 00-0029	EA	8' Deep, 6' Diameter, Precast Concrete Manhole	10,325.77	1,014.32
		For Bitumastic Coating, Add	*248.13*	
		For Epoxy Coating, Add	*606.68*	
33 05 61 00-0030	VLF	Riser For 6' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	1,017.77	126.79
		For Bitumastic Coating, Add	*31.02*	
		For Epoxy Coating, Add	*75.84*	

33 05 61 00-0031 7' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*

33 05 61 00-0032	EA	4' Deep, 7' Diameter, Precast Concrete Manhole	9,761.32	545.19
		For Bitumastic Coating, Add	*263.83*	
		For Epoxy Coating, Add	*530.07*	
33 05 61 00-0033	EA	6' Deep, 7' Diameter, Precast Concrete Manhole	12,632.10	743.62
		For Bitumastic Coating, Add	*395.74*	
		For Epoxy Coating, Add	*795.10*	
33 05 61 00-0034	EA	8' Deep, 7' Diameter, Precast Concrete Manhole	15,850.27	1,115.75
		For Bitumastic Coating, Add	*527.66*	
		For Epoxy Coating, Add	*1,060.14*	
33 05 61 00-0035	VLF	Riser For 7' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	1,515.90	139.47
		For Bitumastic Coating, Add	*65.96*	
		For Epoxy Coating, Add	*132.52*	

33 05 61 00-0036 8' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 61 00-0037	EA	4' Deep, 8' Diameter, Precast Concrete Manhole	14,087.88	627.61
		For Bitumastic Coating, Add	*311.90*	
		For Epoxy Coating, Add	*646.11*	
33 05 61 00-0038	EA	6' Deep, 8' Diameter, Precast Concrete Manhole	18,277.02	855.83
		For Bitumastic Coating, Add	*467.86*	
		For Epoxy Coating, Add	*969.16*	
33 05 61 00-0039	EA	8' Deep, 8' Diameter, Precast Concrete Manhole	22,865.56	1,283.75
		For Bitumastic Coating, Add	*623.81*	
		For Epoxy Coating, Add	*1,292.21*	
33 05 61 00-0040	VLF	Riser For 8' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	2,183.33	158.48
		For Bitumastic Coating, Add	*77.98*	
		For Epoxy Coating, Add	*161.53*	

33 05 63 Concrete Vaults and Chambers *(33 05)*

33 05 63 00-0001 Underground Utility Vaults And Structures *(33 05 63)*

See CSI section 33 05 61 00-0001 for manholes, 33 05 81 00-0006 for frames and covers.

33 05 63 00-0002 Precast Concrete Underground Utility Vault *(33 05 63 00-0001)*

Note: Sizes given are for inside dimensions.

33 05 63 00-0003 6' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*

33 05 63 00-0004	EA	4' x 4' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	3,894.24
33 05 63 00-0005	EA	4' x 6' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,076.17
33 05 63 00-0006	EA	5' x 10' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,374.55
33 05 63 00-0007	EA	5' x 12' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,669.75
33 05 63 00-0008	EA	6' x 6' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,487.13
33 05 63 00-0009	EA	6' x 8' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,896.79
33 05 63 00-0010	EA	6' x 10' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,307.75
33 05 63 00-0011	EA	6' x 12' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	13,447.92
33 05 63 00-0012	EA	6' x 14' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	13,447.92
33 05 63 00-0013	EA	6' x 16' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	16,933.05
33 05 63 00-0014	EA	8' x 8' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,536.78
33 05 63 00-0015	EA	8' x 10' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	11,175.49
33 05 63 00-0016	EA	8' x 12' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	15,974.42
33 05 63 00-0017	EA	8' x 14' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	17,979.15

33 05 63 00-0018 7' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*

33 05 63 00-0019	EA	4' x 4' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	4,339.82
33 05 63 00-0020	EA	4' x 6' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,635.08
33 05 63 00-0021	EA	4' x 8' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,846.25
33 05 63 00-0022	EA	5' x 10' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,109.77
33 05 63 00-0023	EA	5' x 12' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	10,503.80
33 05 63 00-0024	EA	6' x 6' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,162.14
33 05 63 00-0025	EA	6' x 8' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,583.86
33 05 63 00-0026	EA	6' x 10' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	10,216.29
33 05 63 00-0027	EA	6' x 12' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	14,624.20
33 05 63 00-0028	EA	6' x 16' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	18,370.88
33 05 63 00-0029	EA	8' x 8' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	10,321.38
33 05 63 00-0030	EA	8' x 10' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	12,057.71
33 05 63 00-0031	EA	8' x 12' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	17,282.21
33 05 63 00-0032	EA	8' x 14' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	19,415.71
33 05 63 00-0033	EA	10' x 10' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	17,542.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0034		**8' High Precast Concrete Underground Utility Vault** *(33 05 63 00-0002)*		
33 05 63 00-0035	EA	4' x 4' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	4,678.86	
33 05 63 00-0036	EA	4' x 6' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,057.28	
33 05 63 00-0037	EA	5' x 10' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,844.93	
33 05 63 00-0038	EA	5' x 12' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	11,336.59	
33 05 63 00-0039	EA	6' x 6' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,663.43	
33 05 63 00-0040	EA	6' x 8' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,269.60	
33 05 63 00-0041	EA	6' x 10' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	10,875.78	
33 05 63 00-0042	EA	6' x 12' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	15,800.47	
33 05 63 00-0043	EA	6' x 16' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	19,808.78	
33 05 63 00-0044	EA	8' x 8' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	11,104.74	
33 05 63 00-0045	EA	8' x 10' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	12,939.92	
33 05 63 00-0046	EA	8' x 12' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	18,588.63	
33 05 63 00-0047	EA	8' x 14' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	20,853.59	
33 05 63 00-0048	EA	10' x 10' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	18,850.17	
33 05 63 00-0049		**10' High Precast Concrete Underground Utility Vault** *(33 05 63 00-0002)*		
33 05 63 00-0050	EA	6' x 6' x 10' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,251.60	
33 05 63 00-0051	EA	6' x 8' x 10' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,955.34	
33 05 63 00-0052	EA	10' x 10' x 10' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	20,156.53	
33 05 63 00-0053		**12' High Precast Concrete Underground Utility Vault** *(33 05 63 00-0002)*		
33 05 63 00-0054	EA	6' x 6' x 12' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,839.76	
33 05 63 00-0055	EA	6' x 8' x 12' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	10,642.39	
33 05 63 00-0056		**Meter Pit** *(33 05 63 00-0001)*		
33 05 63 00-0057		**Precast Concrete Meter Pit** *(33 05 63 00-0056)*		
33 05 63 00-0058	EA	4' x 4' x 4' Deep Precast Concrete Meter Pit	3,943.27	
33 05 63 00-0059	EA	4' x 4' x 6' Deep Precast Concrete Meter Pit	5,346.00	
33 05 63 00-0060	EA	4' x 4' x 8' Deep Precast Concrete Meter Pit	6,710.68	
33 05 63 00-0061	EA	4' x 4' x 10' Deep Precast Concrete Meter Pit	8,313.66	
33 05 63 00-0062	EA	4' x 4' x 15' Deep Precast Concrete Meter Pit	11,487.86	
33 05 63 00-0063	EA	6' x 6' x 4' Deep Precast Concrete Meter Pit	5,978.66	
33 05 63 00-0064	EA	6' x 6' x 6' Deep Precast Concrete Meter Pit	8,313.66	
33 05 63 00-0065	EA	6' x 6' x 8' Deep Precast Concrete Meter Pit	10,710.28	
33 05 63 00-0066	EA	6' x 6' x 10' Deep Precast Concrete Meter Pit	13,361.49	
33 05 63 00-0067	EA	6' x 6' x 15' Deep Precast Concrete Meter Pit	18,997.00	
33 05 63 00-0068		**Handhole Or Pull Box Enclosures** *(33 05 63 00-0001)*		
33 05 63 00-0069		**Polymer Concrete Handhole Enclosures** *(33 05 63 00-0068)*		
33 05 63 00-0070		**Polymer Concrete Handhole Enclosures** *(33 05 63 00-0069)* Note: Excludes cover See CSI section 33 05 63 00-0290 for covers.		
33 05 63 00-0071		**Flared Sides, Polymer Concrete Handhole Enclosures** *(33 05 63 00-0070)*		
33 05 63 00-0072		**Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosures** *(33 05 63 00-0071)*		
33 05 63 00-0073	EA	12" x 12", 24" Depth, 15,000 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	341.15	28.24
33 05 63 00-0074	EA	10" x 15", 18" Depth, 15,000 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	302.82	62.73
33 05 63 00-0075	EA	13" x 24", 18" Depth, 15,000 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	461.98	94.10
33 05 63 00-0076	EA	17" x 30", 18" Depth, 15,000 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	533.70	94.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0077	EA	13" x 24", 18" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	510.00	94.10
33 05 63 00-0078	EA	13" x 24", 26" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	613.45	94.10
33 05 63 00-0079	EA	17" x 30", 18" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	597.84	94.10
33 05 63 00-0080	EA	17" x 30", 26" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	807.30	94.10
33 05 63 00-0081	EA	27" Round, 36" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,144.87	125.47
33 05 63 00-0082	EA	27" Round, 48" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,595.66	125.47
33 05 63 00-0083	EA	24" x 36", 18" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,052.02	172.52
33 05 63 00-0084	EA	24" x 36", 26" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,193.19	172.52
33 05 63 00-0085	EA	24" x 36", 48" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,927.56	172.52
33 05 63 00-0086	EA	39" Round, 18" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,124.27	188.20
33 05 63 00-0087	EA	39" Round, 24" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,586.68	188.20
33 05 63 00-0088	EA	39" Round, 36" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,964.83	188.20
33 05 63 00-0089	EA	39" Round, 48" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	2,859.21	188.20
33 05 63 00-0090	EA	30" x 48", 24" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,642.67	298.32
33 05 63 00-0091	EA	30" x 48", 48" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	2,338.62	298.32
33 05 63 00-0092		**Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosures** *(33 05 63 00-0071)*		
33 05 63 00-0093	EA	12" x 12", 24" Depth, 15,000 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	434.85	28.24
33 05 63 00-0094	EA	13" x 24", 18" Depth, 15,000 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	573.58	94.10
33 05 63 00-0095	EA	17" x 30", 18" Depth, 15,000 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	689.03	94.10
33 05 63 00-0096	EA	13" x 24", 18" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	637.35	94.10
33 05 63 00-0097	EA	13" x 24", 26" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	725.77	94.10
33 05 63 00-0098	EA	17" x 30", 18" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	748.95	94.10
33 05 63 00-0099	EA	17" x 30", 26" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	959.72	94.10
33 05 63 00-0100	EA	24" x 36", 18" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,289.33	172.52
33 05 63 00-0101	EA	24" x 36", 26" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,430.50	172.52
33 05 63 00-0102	EA	24" x 36", 48" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	2,164.90	172.52
33 05 63 00-0103	EA	30" x 48", 24" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,919.98	298.32
33 05 63 00-0104	EA	30" x 48", 48" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	2,621.23	298.32
33 05 63 00-0105		**Straight Sides, Polymer Concrete Handhole Enclosures** *(33 05 63 00-0070)*		
33 05 63 00-0106		**Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosures** *(33 05 63 00-0105)*		
33 05 63 00-0107	EA	5" x 16", 12" Depth, 5,000 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	555.43	28.24
33 05 63 00-0108	EA	10" x 12", 15" Depth, 5,000 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	470.63	28.24
33 05 63 00-0109	EA	13" x 24", 12" Depth, 5,000 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	399.39	94.10
33 05 63 00-0110	EA	17" x 30", 12" Depth, 5,000 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	449.43	94.10
33 05 63 00-0111	EA	6" x 8", 6" Depth, 15,000 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	135.63	28.24
33 05 63 00-0112	EA	12" x 12", 12" Depth, 15,000 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	206.55	28.24
33 05 63 00-0113	EA	8" x 18", 7" Depth, 15,000 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	329.64	28.24
33 05 63 00-0114	EA	8" x 18", 8" Depth, 15,000 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	344.53	28.24
33 05 63 00-0115	EA	11" x 18", 12" Depth, 15,000 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	297.62	62.73
33 05 63 00-0116	EA	11" x 18", 18" Depth, 15,000 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	320.47	62.73
33 05 63 00-0117	EA	8" x 8", 12" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	203.50	28.24
33 05 63 00-0118	EA	8" x 8", 18" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	231.41	28.24
33 05 63 00-0119	EA	11" x 18", 12" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	318.09	62.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0120	EA	11" x 18", 18" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	356.51	62.73
33 05 63 00-0121	EA	11" x 20", 12" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	331.65	62.73
33 05 63 00-0122	EA	13" x 24", 12" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	401.72	94.10
33 05 63 00-0123	EA	13" x 24", 18" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	439.40	94.10
33 05 63 00-0124	EA	17" x 30", 12" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	467.42	94.10
33 05 63 00-0125	EA	17" x 30", 18" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	509.62	94.10
33 05 63 00-0126	EA	17" x 30", 22" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	593.78	94.10
33 05 63 00-0127	EA	17" x 30", 24" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	644.83	94.10
33 05 63 00-0128	EA	17" x 30", 28" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	700.70	94.10
33 05 63 00-0129	EA	17" x 30", 30" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	735.82	94.10
33 05 63 00-0130	EA	24" x 24", 24" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	880.08	125.47
33 05 63 00-0131	EA	24" x 36", 18" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	899.09	172.52
33 05 63 00-0132	EA	24" x 36", 24" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,143.75	172.52
33 05 63 00-0133	EA	24" x 36", 30" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,369.66	172.52
33 05 63 00-0134	EA	24" x 36", 36" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,512.33	172.52
33 05 63 00-0135	EA	24" x 36", 42" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,654.23	172.52
33 05 63 00-0136	EA	36" x 36", 36" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,914.18	298.32
33 05 63 00-0137	EA	30" x 48", 18" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,414.05	298.32
33 05 63 00-0138	EA	30" x 48", 24" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,595.25	298.32
33 05 63 00-0139	EA	30" x 48", 36" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,941.73	298.32
33 05 63 00-0140	EA	30" x 60", 21" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,938.17	298.32
33 05 63 00-0141	EA	30" x 60", 30" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,067.51	298.32
33 05 63 00-0142	EA	30" x 60", 36" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,316.25	298.32
33 05 63 00-0143	EA	36" x 60", 19" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,141.87	319.62
33 05 63 00-0144	EA	36" x 60", 24" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,317.48	319.62
33 05 63 00-0145	EA	36" x 60", 31" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,541.69	319.62
33 05 63 00-0146	EA	36" x 60", 36" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,631.40	319.62
33 05 63 00-0147	EA	48" x 48", 36" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,662.58	319.62
33 05 63 00-0148	EA	48" x 48", 48" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,004.21	319.62
33 05 63 00-0149	EA	36" x 72", 21" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,340.76	319.62
33 05 63 00-0150	EA	36" x 72", 36" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,060.60	319.62
33 05 63 00-0151	EA	48" x 72", 36" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,440.21	340.93
33 05 63 00-0152	EA	48" x 72", 48" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,223.42	340.93
33 05 63 00-0153	EA	48" x 96", 48" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	5,390.63	340.93
33 05 63 00-0154		Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0105)*		
33 05 63 00-0155	EA	13" x 24", 12" Depth, 5,000 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	529.31	94.10
33 05 63 00-0156	EA	17" x 30", 12" Depth, 5,000 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	603.55	94.10
33 05 63 00-0157	EA	6" x 8", 6" Depth, 15,000 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	224.60	28.24
33 05 63 00-0158	EA	12" x 12", 12" Depth, 15,000 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	321.53	28.24
33 05 63 00-0159	EA	8" x 18", 7" Depth, 15,000 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	428.67	28.24
33 05 63 00-0160	EA	8" x 18", 8" Depth, 15,000 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	443.59	28.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0161	EA	10" x 15", 18" Depth, 15,000 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	395.17	62.73
33 05 63 00-0162	EA	11" x 18", 12" Depth, 15,000 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	411.08	62.73
33 05 63 00-0163	EA	11" x 18", 18" Depth, 15,000 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	432.34	62.73
33 05 63 00-0164	EA	8" x 8", 12" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	300.52	28.24
33 05 63 00-0165	EA	8" x 8", 18" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	353.88	28.24
33 05 63 00-0166	EA	11" x 18", 12" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	431.82	62.73
33 05 63 00-0167	EA	11" x 18", 18" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	470.24	62.73
33 05 63 00-0168	EA	11" x 20", 12" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	446.58	62.73
33 05 63 00-0169	EA	13" x 24", 12" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	528.60	94.10
33 05 63 00-0170	EA	13" x 24", 18" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	566.74	94.10
33 05 63 00-0171	EA	17" x 30", 12" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	618.83	94.10
33 05 63 00-0172	EA	17" x 30", 18" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	660.76	94.10
33 05 63 00-0173	EA	17" x 30", 22" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	744.67	94.10
33 05 63 00-0174	EA	17" x 30", 24" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	795.95	94.10
33 05 63 00-0175	EA	17" x 30", 28" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	851.57	94.10
33 05 63 00-0176	EA	17" x 30", 30" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	886.94	94.10
33 05 63 00-0177	EA	24" x 24", 24" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,088.83	125.47
33 05 63 00-0178	EA	24" x 36", 18" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,136.43	172.52
33 05 63 00-0179	EA	24" x 36", 24" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,380.79	172.52
33 05 63 00-0180	EA	24" x 36", 30" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,606.45	172.52
33 05 63 00-0181	EA	24" x 36", 36" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,748.90	172.52
33 05 63 00-0182	EA	24" x 36", 42" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,891.27	172.52
33 05 63 00-0183	EA	30" x 48", 18" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,688.74	298.32
33 05 63 00-0184	EA	30" x 48", 24" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,870.21	298.32
33 05 63 00-0185	EA	30" x 48", 36" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,216.43	298.32
33 05 63 00-0186		**Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosures** *(33 05 63 00-0105)*		
33 05 63 00-0187	EA	13" x 24", 12" Depth, 5,000 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	487.83	94.10
33 05 63 00-0188	EA	17" x 30", 12" Depth, 5,000 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	564.12	94.10
33 05 63 00-0189	EA	6" x 8", 6" Depth, 15,000 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	167.89	28.24
33 05 63 00-0190	EA	12" x 12", 12" Depth, 15,000 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	271.73	28.24
33 05 63 00-0191	EA	8" x 18", 7" Depth, 15,000 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	387.23	28.24
33 05 63 00-0192	EA	8" x 18", 8" Depth, 15,000 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	402.42	28.24
33 05 63 00-0193	EA	11" x 18", 12" Depth, 15,000 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	367.89	62.73
33 05 63 00-0194	EA	11" x 18", 18" Depth, 15,000 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	412.11	62.73
33 05 63 00-0195	EA	8" x 8", 18" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	238.67	28.24
33 05 63 00-0196	EA	11" x 18", 12" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	389.62	62.73
33 05 63 00-0197	EA	11" x 18", 18" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	444.70	62.73
33 05 63 00-0198	EA	11" x 20", 12" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	403.93	62.73
33 05 63 00-0199	EA	13" x 24", 12" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	522.75	94.10
33 05 63 00-0200	EA	13" x 24", 18" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	598.06	94.10
33 05 63 00-0201	EA	17" x 30", 12" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	623.10	94.10
33 05 63 00-0202	EA	17" x 30", 18" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	682.73	94.10
33 05 63 00-0203	EA	17" x 30", 22" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	737.59	94.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0204	EA	17" x 30", 24" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	789.38	94.10
33 05 63 00-0205	EA	17" x 30", 28" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	882.12	94.10
33 05 63 00-0206	EA	17" x 30", 30" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	895.05	94.10
33 05 63 00-0207	EA	24" x 24", 24" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,105.00	125.47
33 05 63 00-0208	EA	24" x 36", 18" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,157.39	172.52
33 05 63 00-0209	EA	24" x 36", 24" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,427.27	172.52
33 05 63 00-0210	EA	24" x 36", 30" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,694.17	172.52
33 05 63 00-0211	EA	24" x 36", 36" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,871.45	172.52
33 05 63 00-0212	EA	24" x 36", 42" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,048.73	172.52
33 05 63 00-0213	EA	36" x 36", 36" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,244.48	298.32
33 05 63 00-0214	EA	30" x 48", 18" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,744.36	298.32
33 05 63 00-0215	EA	30" x 48", 24" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,939.70	298.32
33 05 63 00-0216	EA	30" x 48", 36" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,285.94	298.32
33 05 63 00-0217	EA	30" x 60", 21" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,438.67	298.32
33 05 63 00-0218	EA	30" x 60", 30" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,486.49	298.32
33 05 63 00-0219	EA	30" x 60", 36" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,950.45	298.32
33 05 63 00-0220	EA	36" x 60", 19" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,749.01	319.62
33 05 63 00-0221	EA	36" x 60", 24" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,839.75	319.62
33 05 63 00-0222	EA	36" x 60", 31" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,097.15	319.62
33 05 63 00-0223	EA	36" x 60", 36" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,291.97	319.62
33 05 63 00-0224	EA	36" x 72", 21" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,031.56	319.62
33 05 63 00-0225	EA	36" x 72", 36" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,728.31	319.62
33 05 63 00-0226	EA	48" x 48", 36" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,248.49	319.62
33 05 63 00-0227	EA	48" x 48", 48" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,561.11	319.62
33 05 63 00-0228	EA	48" x 72", 36" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,300.11	340.93
33 05 63 00-0229	EA	48" x 72", 48" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	5,083.64	340.93
33 05 63 00-0230	EA	48" x 96", 48" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	6,822.40	340.93

33 05 63 00-0231 Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0105)*

33 05 63 00-0232	EA	13" x 24", 12" Depth, 5,000 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	617.73	94.10
33 05 63 00-0233	EA	17" x 30", 12" Depth, 5,000 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	718.53	94.10
33 05 63 00-0234	EA	6" x 8", 6" Depth, 15,000 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	256.14	28.24
33 05 63 00-0235	EA	12" x 12", 12" Depth, 15,000 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	386.49	28.24
33 05 63 00-0236	EA	8" x 18", 7" Depth, 15,000 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	486.06	28.24
33 05 63 00-0237	EA	8" x 18", 8" Depth, 15,000 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	501.45	28.24
33 05 63 00-0238	EA	11" x 18", 12" Depth, 15,000 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	481.62	62.73
33 05 63 00-0239	EA	11" x 18", 18" Depth, 15,000 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	525.57	62.73
33 05 63 00-0240	EA	8" x 8", 18" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	364.78	28.24
33 05 63 00-0241	EA	11" x 18", 12" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	502.83	62.73
33 05 63 00-0242	EA	11" x 18", 18" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	557.91	62.73
33 05 63 00-0243	EA	11" x 20", 12" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	486.41	62.73
33 05 63 00-0244	EA	13" x 24", 12" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	650.14	94.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0245	EA	13" x 24", 18" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	725.45	94.10
33 05 63 00-0246	EA	17" x 30", 12" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	774.22	94.10
33 05 63 00-0247	EA	17" x 30", 18" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	833.87	94.10
33 05 63 00-0248	EA	17" x 30", 22" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	888.71	94.10
33 05 63 00-0249	EA	17" x 30", 24" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	940.52	94.10
33 05 63 00-0250	EA	17" x 30", 28" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,033.28	94.10
33 05 63 00-0251	EA	17" x 30", 30" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,046.16	94.10
33 05 63 00-0252	EA	24" x 24", 24" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,313.48	125.47
33 05 63 00-0253	EA	24" x 36", 18" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,394.70	172.52
33 05 63 00-0254	EA	24" x 36", 24" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,664.34	172.52
33 05 63 00-0255	EA	24" x 36", 30" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,930.95	172.52
33 05 63 00-0256	EA	24" x 36", 36" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,108.36	172.52
33 05 63 00-0257	EA	24" x 36", 42" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,285.77	172.52
33 05 63 00-0258	EA	30" x 48", 18" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,019.31	298.32
33 05 63 00-0259	EA	30" x 48", 24" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,214.91	298.32
33 05 63 00-0260	EA	30" x 48", 36" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,560.90	298.32

33 05 63 00-0261 Footed, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0105)*

33 05 63 00-0262	EA	17" x 30", 12" Depth, 5,000 Lb. Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	519.50	94.10
33 05 63 00-0263	EA	11" x 18", 12" Depth, 15,000 Lb. Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	350.69	62.73
33 05 63 00-0264	EA	11" x 18", 18" Depth, 15,000 Lb. Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	393.16	62.73
33 05 63 00-0265	EA	13" x 24", 12" Depth, 15,000 Lb. Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	464.38	94.10
33 05 63 00-0266	EA	11" x 18", 12" Depth, 22,500 Lb. Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	364.60	62.73
33 05 63 00-0267	EA	11" x 18", 18" Depth, 22,500 Lb. Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	405.28	62.73

33 05 63 00-0268 Polymer Concrete Handhole Enclosure Extensions *(33 05 63 00-0069)*

Note: Excludes bases See CSI section 33 05 63 00-0070 for bases.

33 05 63 00-0269	EA	13" x 24", 8" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	385.30	94.10
33 05 63 00-0270	EA	17" x 30", 8" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	429.56	94.10
33 05 63 00-0271	EA	24" x 24", 6" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	496.99	125.47
33 05 63 00-0272	EA	24" x 24", 12" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	540.44	125.47
33 05 63 00-0273	EA	24" x 36", 8" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	645.68	172.52
33 05 63 00-0274	EA	36" x 36", 12" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	1,156.26	298.32
33 05 63 00-0275	EA	30" x 48", 8" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	1,108.75	298.32
33 05 63 00-0276	EA	30" x 48", 11" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	1,119.12	298.32
33 05 63 00-0277	EA	36" x 60", 12" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	1,485.44	319.62
33 05 63 00-0278	EA	48" x 72", 12" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	2,309.14	340.93
33 05 63 00-0279	EA	48" x 96", 12" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	2,999.30	340.93
33 05 63 00-0280	EA	13" x 24", 8" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	617.55	94.10
33 05 63 00-0281	EA	17" x 30", 8" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	644.59	94.10
33 05 63 00-0282	EA	24" x 24", 6" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	695.10	125.47
33 05 63 00-0283	EA	24" x 24", 12" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	739.02	125.47
33 05 63 00-0284	EA	24" x 36", 8" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	862.96	172.52
33 05 63 00-0285	EA	30" x 48", 8" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	1,415.82	298.32
33 05 63 00-0286	EA	13" x 24", 3" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	485.36	94.10
33 05 63 00-0287	EA	17" x 30", 3" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	538.70	94.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0288	EA	24" x 36", 4" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	722.20	172.52
33 05 63 00-0289	EA	36" x 60", 3" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	1,434.57	319.62
33 05 63 00-0290		**Polymer Concrete Handhole Enclosure Covers** *(33 05 63 00-0069)*		
33 05 63 00-0291		**Polymer Concrete Handhole Enclosure Covers** *(33 05 63 00-0290)*		
33 05 63 00-0292	EA	5" x 16", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	132.56	12.56
33 05 63 00-0293	EA	10" x 12", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	134.27	12.56
33 05 63 00-0294	EA	12" x 12", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	124.52	12.56
33 05 63 00-0295	EA	8" x 18", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	134.60	12.56
33 05 63 00-0296	EA	11" x 18", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	135.89	12.55
33 05 63 00-0297	EA	13" x 24", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	155.74	12.55
33 05 63 00-0298	EA	17" x 30", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	180.29	12.55
33 05 63 00-0299	EA	30" x 59", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	1,181.27	38.36
33 05 63 00-0300	EA	30" x 60", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	1,034.89	38.36
33 05 63 00-0301	EA	36" x 60", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	1,544.77	38.36
33 05 63 00-0302	EA	48" x 48", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	1,562.15	38.36
33 05 63 00-0303	EA	36" x 72", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	1,768.46	38.36
33 05 63 00-0304	EA	48" x 72", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	1,926.04	38.36
33 05 63 00-0305	EA	48" x 96", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	3,089.52	38.36
33 05 63 00-0306	EA	10" x 15", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	113.69	12.55
33 05 63 00-0307	EA	11" x 18", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	162.41	12.55
33 05 63 00-0308	EA	11" x 20", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	164.68	12.55
33 05 63 00-0309	EA	13" x 24", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	206.90	12.55
33 05 63 00-0310	EA	13" x 24", 8,000 Lb. Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover	156.37	12.55
33 05 63 00-0311	EA	17" x 30", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	244.56	12.55
33 05 63 00-0312	EA	17" x 30", 8,000 Lb. Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover	192.25	12.55
33 05 63 00-0313	EA	27" Round, 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	393.36	12.55
33 05 63 00-0314	EA	24" x 24", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	345.38	18.82
33 05 63 00-0315	EA	24" x 36", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	432.43	18.82
33 05 63 00-0316	EA	39" Round, 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	557.14	21.96
33 05 63 00-0317	EA	36" x 36", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	784.36	29.83
33 05 63 00-0318	EA	30" x 48", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	815.73	56.83
33 05 63 00-0319	EA	11" x 18", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	209.43	12.55
33 05 63 00-0320	EA	13" x 24", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	298.14	12.55
33 05 63 00-0321	EA	17" x 30", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	339.09	12.55
33 05 63 00-0322	EA	27" Round, 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	563.09	12.55
33 05 63 00-0323	EA	24" x 24", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	465.04	18.82
33 05 63 00-0324	EA	39" Round, 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	785.06	21.96
33 05 63 00-0325	EA	36" x 36", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	1,031.26	29.83
33 05 63 00-0326	EA	30" x 59", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	1,391.14	38.36
33 05 63 00-0327	EA	30" x 60", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	1,237.77	38.36
33 05 63 00-0328	EA	36" x 60", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	1,725.49	38.36
33 05 63 00-0329	EA	48" x 48", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	2,244.20	38.36
33 05 63 00-0330	EA	36" x 72", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	2,149.58	38.36
33 05 63 00-0331	EA	48" x 72", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	3,258.44	38.36
33 05 63 00-0332	EA	48" x 96", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	5,028.30	38.36
33 05 63 00-0333	EA	11" x 18", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	275.15	12.55
33 05 63 00-0334	EA	11" x 20", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	300.78	12.55
33 05 63 00-0335	EA	13" x 24", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	395.69	12.55
33 05 63 00-0336	EA	17" x 30", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	450.77	12.55
33 05 63 00-0337	EA	27" Round, 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	778.33	12.55
33 05 63 00-0338	EA	24" x 24", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	566.47	18.82
33 05 63 00-0339	EA	24" x 36", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	773.85	18.82
33 05 63 00-0340	EA	39" Round, 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	1,199.18	21.96
33 05 63 00-0341	EA	36" x 36", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	1,374.95	29.83
33 05 63 00-0342	EA	30" x 48", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	1,431.09	56.83
33 05 63 00-0343	EA	30" x 60", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	1,655.20	38.36
33 05 63 00-0344	EA	36" x 60", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	2,307.30	38.36
33 05 63 00-0345	EA	48" x 48", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	3,224.50	38.36
33 05 63 00-0346	EA	36" x 72", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	2,878.35	38.36
33 05 63 00-0347	EA	48" x 72", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	4,764.26	38.36
33 05 63 00-0348	EA	48" x 96", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	7,348.93	38.36
33 05 63 00-0349		**Polymer Concrete Handhole Enclosure Covers With Gaskets** *(33 05 63 00-0290)*		
33 05 63 00-0350	EA	12" x 12", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	152.07	12.56
33 05 63 00-0351	EA	8" x 18", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	160.65	12.56
33 05 63 00-0352	EA	11" x 18", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	163.44	12.55
33 05 63 00-0353	EA	13" x 24", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	164.50	12.55
33 05 63 00-0354	EA	17" x 30", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	189.65	12.55
33 05 63 00-0355	EA	10" x 15", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	121.60	12.55
33 05 63 00-0356	EA	11" x 18", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	170.52	12.55
33 05 63 00-0357	EA	11" x 20", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	172.09	12.55
33 05 63 00-0358	EA	13" x 24", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	215.26	12.55
33 05 63 00-0359	EA	13" x 24", 8,000 Lb. Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover With Gasket	165.46	12.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0360	EA	17" x 30", 8,000 Lb. Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover With Gasket	201.86	12.55
33 05 63 00-0361	EA	17" x 30", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	253.40	12.55
33 05 63 00-0362	EA	24" x 24", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	351.31	18.82
33 05 63 00-0363	EA	24" x 36", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	441.54	18.82
33 05 63 00-0364	EA	30" x 48", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	825.10	56.83
33 05 63 00-0365	EA	6" x 8", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	101.49	12.56
33 05 63 00-0366	EA	8" x 8", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	157.97	12.56
33 05 63 00-0367	EA	8" x 18", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	175.57	12.56
33 05 63 00-0368	EA	12" x 12", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	167.75	12.56
33 05 63 00-0369	EA	10" x 15", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	138.42	12.55
33 05 63 00-0370	EA	11" x 18", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	217.52	12.55
33 05 63 00-0371	EA	11" x 20", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	235.80	12.55
33 05 63 00-0372	EA	13" x 24", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	306.74	12.55
33 05 63 00-0373	EA	17" x 30", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	348.43	12.55
33 05 63 00-0374	EA	24" x 24", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	473.40	18.82
33 05 63 00-0375	EA	24" x 36", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	590.62	18.82
33 05 63 00-0376	EA	30" x 48", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	1,084.11	56.83
33 05 63 00-0377		**Polymer Concrete Handhole Enclosure Covers Without Bolts** *(33 05 63 00-0290)*		
33 05 63 00-0378	EA	6" x 9", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	82.07	12.56
33 05 63 00-0379	EA	7" x 13", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	97.26	12.56
33 05 63 00-0380	EA	12" x 12", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	117.71	12.56
33 05 63 00-0381	EA	8" x 18", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	126.81	12.56
33 05 63 00-0382	EA	11" x 18", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	126.55	12.55
33 05 63 00-0383	EA	13" x 24", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	149.85	12.55
33 05 63 00-0384	EA	17" x 30", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	172.74	12.55
33 05 63 00-0385	EA	24" x 36", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	417.51	18.82
33 05 63 00-0386	EA	30" x 48", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	781.64	56.83
33 05 63 00-0387	EA	30" x 59", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,168.48	38.36
33 05 63 00-0388	EA	30" x 60", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,020.44	38.36
33 05 63 00-0389	EA	48" x 48", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,521.00	38.36
33 05 63 00-0390	EA	36" x 60", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,468.07	38.36
33 05 63 00-0391	EA	36" x 72", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,754.66	38.36
33 05 63 00-0392	EA	48" x 72", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,875.06	38.36
33 05 63 00-0393	EA	48" x 96", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	2,991.54	38.36
33 05 63 00-0394	EA	10" x 15", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	109.37	12.55
33 05 63 00-0395	EA	10" x 16", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	106.84	12.55
33 05 63 00-0396	EA	11" x 20", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	156.95	12.55
33 05 63 00-0397	EA	11" x 21", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	172.29	12.55
33 05 63 00-0398	EA	13" x 24", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	194.78	12.55
33 05 63 00-0399	EA	13" x 24", 8,000 Lb. Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover Without Bolts	148.53	12.55
33 05 63 00-0400	EA	18" x 19", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	165.46	12.55
33 05 63 00-0401	EA	17" x 30", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	233.94	12.55
33 05 63 00-0402	EA	24" x 24", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	338.50	18.82
33 05 63 00-0403	EA	20" x 42", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	422.23	18.82
33 05 63 00-0404	EA	24" x 36", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	417.26	18.82
33 05 63 00-0405	EA	36" x 36", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	753.27	29.83
33 05 63 00-0406	EA	30" x 48", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	781.64	34.09
33 05 63 00-0407		**Overlapping, Polymer Concrete Handhole Enclosure Covers** *(33 05 63 00-0290)*		
33 05 63 00-0408	EA	30" x 60", 5,000 Lb. Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	1,216.17	38.36
33 05 63 00-0409	EA	36" x 60", 5,000 Lb. Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	1,756.43	38.36
33 05 63 00-0410	EA	30" x 48", 8,000 Lb. Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	1,020.92	56.83
33 05 63 00-0411	EA	30" x 48", 15,000 Lb. Design Load, Heavy-Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	1,350.72	56.83
33 05 63 00-0412	EA	30" x 60", 15,000 Lb. Design Load, Heavy-Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	1,443.02	38.36
33 05 63 00-0413	EA	36" x 60", 15,000 Lb. Design Load, Heavy-Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	1,962.98	38.36
33 05 63 00-0414		**Split, Polymer Concrete Handhole Enclosure Covers** *(33 05 63 00-0290)*		
33 05 63 00-0415	EA	24" x 36", 8,000 Lb. Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover	473.55	18.82
33 05 63 00-0416	EA	36" x 36", 8,000 Lb. Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover	881.67	29.83
33 05 63 00-0417	EA	30" x 48", 8,000 Lb. Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover	922.65	56.83
33 05 63 00-0418	EA	6" x 8", 15,000 Lb. Design Load, Heavy-Duty, Split, Polymer Concrete Handhole Enclosure Cover	77.84	12.56
33 05 63 00-0419	EA	8" x 8", 15,000 Lb. Design Load, Heavy-Duty, Split, Polymer Concrete Handhole Enclosure Cover	127.61	12.56
33 05 63 00-0420	EA	12" x 12", 15,000 Lb. Design Load, Heavy-Duty, Split, Polymer Concrete Handhole Enclosure Cover	140.20	12.56
33 05 63 00-0421	EA	8" x 18", 15,000 Lb. Design Load, Heavy-Duty, Split, Polymer Concrete Handhole Enclosure Cover	148.54	12.56
33 05 63 00-0422	EA	10" x 15", 15,000 Lb. Design Load, Heavy-Duty, Split, Polymer Concrete Handhole Enclosure Cover	130.58	12.55
33 05 63 00-0423	EA	11" x 20", 15,000 Lb. Design Load, Heavy-Duty, Split, Polymer Concrete Handhole Enclosure Cover	228.38	12.55
33 05 63 00-0424	EA	24" x 36", 15,000 Lb. Design Load, Heavy-Duty, Split, Polymer Concrete Handhole Enclosure Cover	633.45	18.82
33 05 63 00-0425	EA	36" x 36", 15,000 Lb. Design Load, Heavy-Duty, Split, Polymer Concrete Handhole Enclosure Cover	1,170.03	29.83
33 05 63 00-0426	EA	30" x 48", 15,000 Lb. Design Load, Heavy-Duty, Split, Polymer Concrete Handhole Enclosure Cover	1,226.91	56.83
33 05 63 00-0427		**Precast Concrete Handholes With Steel Cover** *(33 05 63 00-0068)*		

Note: 8000 To 12000 pound traffic rated top. Includes cover stamped with utility (Electrical, Sewer, Water, Etc.).

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0428	EA	12" x 12" x 12" Precast Concrete Handholes With Steel Cover	1,110.10	275.25
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*18.00*	
33 05 63 00-0429	EA	12" x 24" x 21" Precast Concrete Handholes With Steel Cover	1,892.97	412.88
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*116.92*	
33 05 63 00-0430	EA	18" x 30" x 18" Precast Concrete Handholes With Steel Cover	2,267.77	550.52
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*207.18*	
33 05 63 00-0431	EA	24" x 24" x 24" Precast Concrete Handholes With Steel Cover	2,367.33	550.52
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*263.10*	
33 05 63 00-0432	EA	24" x 24" x 30" Precast Concrete Handholes With Steel Cover	2,761.15	688.14
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*317.93*	
33 05 63 00-0433	EA	30" x 36" x 30" Precast Concrete Handholes With Steel Cover	2,926.26	688.14
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*346.42*	
33 05 63 00-0434	EA	36" x 36" x 48" Precast Concrete Handholes With Steel Cover	3,363.88	825.77
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*405.74*	
33 05 63 00-0435	EA	48" x 48" x 48" Precast Concrete Handholes With Steel Cover	3,854.35	963.40
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*558.39*	
33 05 63 00-0436	EA	48" x 72" x 36" Precast Concrete Handholes With Steel Cover	3,854.83	825.77
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*595.06*	
33 05 63 00-0437	EA	54" x 38" x 24" Precast Concrete Handholes With Steel Cover	3,897.06	825.77
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*424.86*	
33 05 63 00-0438	EA	6" Diameter Precast Concrete Handholes With Steel Cover	839.70	275.25
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*15.00*	
33 05 63 00-0439	EA	9" Diameter Precast Concrete Handholes With Steel Cover	997.45	309.67
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*15.00*	
33 05 63 00-0440	EA	12" Diameter Precast Concrete Handholes With Steel Cover	1,244.09	344.07
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*15.00*	

33 05 81 Metallic Castings for Utility Structures *(33 05)*

33 05 81 00-0001 Manhole Accessories *(33 05 81)*

33 05 81 00-0002 Steps For Cast-In-Place Manholes *(33 05 81 00-0001)*

See CSI section 33 01 30 81-0033 for installation of steps in existing manholes.

33 05 81 00-0003	EA	Cast Iron Manhole Step For New Manholes	94.55	
33 05 81 00-0004	EA	Galvanized Steel Manhole Step For New Manholes	71.26	
33 05 81 00-0005	EA	Aluminum Manhole Step For New Manholes	105.98	

33 05 81 00-0006 Manhole Covers And Frames *(33 05 81)*

Note: Includes moisture-tight masonry joints and waterproof grouting.

33 05 81 00-0007 Regular Manhole Covers And Frames *(33 05 81 00-0006)*

33 05 81 00-0008	EA	18" Square, Gray Iron, Manhole Cover With Frame	3,534.27	109.04
		For Ductile Iron Castings, Add	*2,243.23*	
33 05 81 00-0009	EA	18" Diameter, Gray Iron, Manhole Cover With Frame	1,885.17	109.04
		For Ductile Iron Castings, Add	*1,088.86*	
33 05 81 00-0010	EA	22" Diameter, Gray Iron, Manhole Cover With Frame	2,016.39	114.11
		For Ductile Iron Castings, Add	*1,171.84*	
33 05 81 00-0011	EA	24" Diameter, Gray Iron, Manhole Cover With Frame	2,178.88	126.79
		For Ductile Iron Castings, Add	*1,258.95*	
33 05 81 00-0012	EA	24" Square, Gray Iron, Manhole Cover With Frame	3,547.54	140.73
		For Ductile Iron Castings, Add	*2,187.44*	
33 05 81 00-0013	EA	26" Diameter, Gray Iron, Manhole Cover With Frame	2,937.30	152.15
		For Ductile Iron Castings, Add	*1,735.33*	
33 05 81 00-0014	EA	30" Diameter, Gray Iron, Manhole Cover With Frame	3,066.24	158.48
		For Ductile Iron Castings, Add	*1,813.56*	
33 05 81 00-0015	EA	36" Diameter, Gray Iron, Manhole Cover With Frame	2,359.43	162.29
		For Ductile Iron Castings, Add	*1,309.90*	

33 05 81 00-0016 Watertight Type Manhole Covers And Frames *(33 05 81 00-0006)*

33 05 81 00-0017	EA	20" Diameter, Gray Iron, Watertight Manhole Cover With Frame	3,897.04	90.02
		For Ductile Iron Castings, Add	*2,477.10*	
33 05 81 00-0018	EA	22" Diameter, Gray Iron, Watertight Manhole Cover With Frame	3,938.14	90.02
		For Ductile Iron Castings, Add	*2,485.22*	
33 05 81 00-0019	EA	24" Diameter, Gray Iron, Watertight Manhole Cover With Frame	3,996.35	105.23
		For Ductile Iron Castings, Add	*2,501.60*	
33 05 81 00-0020	EA	26" Diameter, Gray Iron, Watertight Manhole Cover With Frame	4,791.97	117.91
		For Ductile Iron Castings, Add	*3,033.60*	
33 05 81 00-0021	EA	30" Diameter, Gray Iron, Watertight Manhole Cover With Frame	5,591.46	120.45
		For Ductile Iron Castings, Add	*3,581.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 81 00-0022	EA	32" Diameter, Gray Iron, Watertight Manhole Cover With Frame	5,898.79	122.98
		For Ductile Iron Castings, Add	*3,791.99*	
33 05 81 00-0023	EA	36" Diameter, Gray Iron, Watertight Manhole Cover With Frame	6,173.55	126.79
		For Ductile Iron Castings, Add	*3,979.79*	

33 05 81 00-0024 Aluminum Manhole Covers And Frames *(33 05 81 00-0006)*

33 05 81 00-0025	EA	12" Square Aluminum Manhole Cover With Frame	1,348.18	35.14
33 05 81 00-0026	EA	18" Square Aluminum Manhole Cover With Frame	2,478.91	38.90
33 05 81 00-0027	EA	24" Square Aluminum Manhole Cover With Frame	3,561.61	45.18

33 05 81 00-0028 Removal And Reinstallation Of Manhole Cover And Frame *(33 05 81 00-0006)*

Note: Includes surrounding asphalt removal and repair. Excludes saw cutting.

33 05 81 00-0029	EA	Removal And Reinstallation Of Manhole Cover And Frame	508.35	

33 05 83 Non-Metallic Accessories for Utility Structures *(33 05)*

33 05 83 00-0001 Manhole Accessories *(33 05 83)*

33 05 83 00-0002 Steps For Cast-In-Place Manholes *(33 05 83 00-0001)*

See CSI section 33 01 30 81-0033 for installation of steps in existing manholes.

33 05 83 00-0003	EA	Polypropylene Manhole Step For New Manholes	54.20	

33 05 83 00-0004 Rainguard Inflow Protectors *(33 05 83)*

33 05 83 00-0005	EA	18" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	157.28	26.66
33 05 83 00-0006	EA	22" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	182.11	26.66
33 05 83 00-0007	EA	24" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	217.73	31.99
33 05 83 00-0008	EA	26" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	233.42	31.99
33 05 83 00-0009	EA	30" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	289.70	37.32
33 05 83 00-0010	EA	32" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	308.97	37.32

33 05 84 Accessories for Utility Structures *(33 05)*

See CSI section 22 13 19 26-0044 for oil interceptors, 22 13 23 00-0000 for sediment interceptors, 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 05 84 00-0001 Manhole Accessories *(33 05 84)*

33 05 84 00-0002 Precast Concrete Manhole Tops *(33 05 84 00-0001)*

33 05 84 00-0003 Precast Concrete Manhole Slab Tops *(33 05 84 00-0002)*

33 05 84 00-0004	EA	3' Diameter x 8" Thick Precast Manhole Top Slab	677.06	95.09
33 05 84 00-0005	EA	4' Diameter x 8" Thick Precast Manhole Top Slab	939.29	102.70
33 05 84 00-0006	EA	5' Diameter x 8" Thick Precast Manhole Top Slab	1,263.44	110.31
33 05 84 00-0007	EA	6' Diameter x 8" Thick Precast Manhole Top Slab	1,509.34	117.91
33 05 84 00-0008	EA	7' Diameter x 8" Thick Precast Manhole Top Slab	2,284.82	126.79
33 05 84 00-0009	EA	8' Diameter x 10" Thick Precast Manhole Top Slab	3,042.01	136.30
33 05 84 00-0010	EA	10' Diameter x 12" Thick Precast Manhole Top Slab	5,160.59	145.80
33 05 84 00-0011	EA	12' Diameter x 12" Thick Precast Manhole Top Slab	7,310.80	156.90

33 05 84 00-0012 Precast Concrete Manhole Cone Tops *(33 05 84 00-0002)*

33 05 84 00-0013	EA	3' Diameter x 8" Thick Precast Manhole Top Cone	1,068.83	118.87
33 05 84 00-0014	EA	3'-6" Diameter x 8" Thick Precast Manhole Top Cone	1,186.73	123.62
33 05 84 00-0015	EA	4' Diameter x 8" Thick Precast Manhole Top Cone	1,304.66	128.37
33 05 84 00-0016	EA	5' Diameter x 8" Thick Precast Manhole Top Cone	1,534.13	136.30
33 05 84 00-0017	EA	6' Diameter x 8" Thick Precast Manhole Top Cone	1,769.97	145.80
33 05 84 00-0018	EA	7' Diameter x 8" Thick Precast Manhole Top Cone	2,785.59	155.32
33 05 84 00-0019	EA	8' Diameter x 10" Thick Precast Manhole Top Cone	3,492.42	171.16

33 05 84 00-0020 Precast Concrete Manhole Reducer Slabs *(33 05 84 00-0002)*

33 05 84 00-0021	EA	5' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab	1,385.74	110.31
33 05 84 00-0022	EA	6' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab	1,778.00	117.91
33 05 84 00-0023	EA	7' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab	2,337.10	117.91
33 05 84 00-0024	EA	8' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab	3,680.44	117.91
33 05 84 00-0025	EA	10' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab	4,725.53	117.91
33 05 84 00-0026	EA	12' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab	6,830.04	117.91

33 05 84 00-0027 Pipe To Manhole Connector *(33 05 84 00-0001)*

33 05 84 00-0028 Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connectors *(33 05 84 00-0027)*

33 05 84 00-0029	EA	4" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	92.56	
33 05 84 00-0030	EA	6" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	136.45	
33 05 84 00-0031	EA	8" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	153.82	
33 05 84 00-0032	EA	10" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	232.92	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 84 00-0033	EA	12" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	325.59	
33 05 84 00-0034	EA	15" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	430.85	
33 05 84 00-0035	EA	18" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	776.57	
33 05 84 00-0036	EA	21" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	1,078.59	
33 05 84 00-0037	EA	24" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	1,701.92	
33 05 84 00-0038	EA	27" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	2,003.79	
33 05 84 00-0039		Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout *(33 05 84 00-0027)*		
		Note: Fernco CMA.		
33 05 84 00-0040	EA	4" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout	127.65	
33 05 84 00-0041	EA	6" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout	177.08	
33 05 84 00-0042	EA	8" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout	223.70	
33 05 84 00-0043	EA	10" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout	270.08	
33 05 84 00-0044	EA	12" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout	313.36	
33 05 84 00-0045		Brick And Grout Pipe To Manhole Connector *(33 05 84 00-0027)*		
33 05 84 00-0046	EA	Seal Gap Between Pipe And Structure With Brick And Grout	285.54	
33 05 84 00-0047		Inverts For Manholes *(33 05 84 00-0001)*		
33 05 84 00-0048	EA	Single Channel Concrete Invert For Manholes	453.93	
33 05 84 00-0049	EA	Double Channel Concrete Invert For Manholes	655.46	
33 05 84 00-0050	EA	Triple Channel Concrete Invert For Manholes	882.51	
33 05 84 00-0051	EA	Quad Channel Concrete Invert For Manholes	1,109.49	
33 05 84 00-0052	EA	Single Channel Brick Invert For Manholes	666.97	
33 05 84 00-0053	EA	Double Channel Brick Invert For Manholes	998.53	
33 05 84 00-0054	EA	Triple Channel Brick Invert For Manholes	1,335.79	
33 05 84 00-0055	EA	Quad Channel Brick Invert For Manholes	1,669.21	
33 05 84 00-0056		Protective Coating For New Manholes *(33 05 84 00-0001)*		
33 05 84 00-0057		Polyurethane Protective Coating For New Manholes *(33 05 84 00-0056)*		
33 05 84 00-0058	VLF	60 Mil Polyurethane Coating Of 3' Diameter Manhole Interior	234.89	
		For 80 Mil Material, Add	*34.37*	
		For 100 Mil Material, Add	*68.75*	
		For 125 Mil Material, Add	*108.53*	
		For 150 Mil Material, Add	*148.31*	
		For 200 Mil Material, Add	*219.37*	
		For 2 To 5 Manholes, Deduct	*-16.00*	
		For 6 To 10 Manholes, Deduct	*-26.12*	
		For >10 Manholes, Deduct	*-52.24*	
33 05 84 00-0059	VLF	60 Mil Polyurethane Coating Of 3-1/2' Diameter Manhole Interior	283.56	
		For 80 Mil Material, Add	*40.84*	
		For 100 Mil Material, Add	*81.67*	
		For 125 Mil Material, Add	*128.82*	
		For 150 Mil Material, Add	*175.97*	
		For 200 Mil Material, Add	*259.87*	
		For 2 To 5 Manholes, Deduct	*-19.37*	
		For 6 To 10 Manholes, Deduct	*-31.66*	
		For >10 Manholes, Deduct	*-63.32*	
33 05 84 00-0060	VLF	60 Mil Polyurethane Coating Of 4' Diameter Manhole Interior	313.19	
		For 80 Mil Material, Add	*45.83*	
		For 100 Mil Material, Add	*91.66*	
		For 125 Mil Material, Add	*144.70*	
		For 150 Mil Material, Add	*197.75*	
		For 200 Mil Material, Add	*292.49*	
		For 2 To 5 Manholes, Deduct	*-21.33*	
		For 6 To 10 Manholes, Deduct	*-34.82*	
		For >10 Manholes, Deduct	*-69.65*	
33 05 84 00-0061	VLF	60 Mil Polyurethane Coating Of 5' Diameter Manhole Interior	391.56	
		For 80 Mil Material, Add	*57.32*	
		For 100 Mil Material, Add	*114.63*	
		For 125 Mil Material, Add	*180.96*	
		For 150 Mil Material, Add	*247.30*	
		For 200 Mil Material, Add	*365.79*	
		For 2 To 5 Manholes, Deduct	*-26.66*	
		For 6 To 10 Manholes, Deduct	*-43.54*	
		For >10 Manholes, Deduct	*-87.07*	
33 05 84 00-0062	VLF	60 Mil Polyurethane Coating Of 6' Diameter Manhole Interior	454.74	
		For 80 Mil Material, Add	*67.64*	
		For 100 Mil Material, Add	*135.28*	
		For 125 Mil Material, Add	*213.74*	
		For 150 Mil Material, Add	*292.19*	
		For 200 Mil Material, Add	*432.86*	
		For 2 To 5 Manholes, Deduct	*-30.86*	
		For 6 To 10 Manholes, Deduct	*-50.35*	
		For >10 Manholes, Deduct	*-100.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 84 00-0063		**Polyvinyl Chloride (PVC) Liner** *(33 05 84 00-0056)* Note: For new manholes and shop applied.		
33 05 84 00-0064	VLF	3' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	305.01	
33 05 84 00-0065	VLF	3-1/2' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	373.88	
33 05 84 00-0066	VLF	4' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	456.26	
33 05 84 00-0067	VLF	5' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	572.97	
33 05 84 00-0068	VLF	6' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	689.69	
33 05 84 00-0069	SF	Polyvinyl Chloride (PVC) Liner At Structures	45.80	
33 05 84 00-0070		**Concrete Grade Extensions/Grade Rings** *(33 05 84 00-0001)*		
33 05 84 00-0071		**18" Diameter, Concrete Grade Extensions/Grade Rings** *(33 05 84 00-0070)*		
33 05 84 00-0072	EA	4" Rise, 18" Diameter, Concrete Grade Extensions/Grade Rings	102.71	
33 05 84 00-0073	EA	6" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring	111.83	
33 05 84 00-0074	EA	8" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring	120.96	
33 05 84 00-0075	EA	10" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring	130.09	
33 05 84 00-0076		**24" Diameter, Concrete Grade Extensions/Grade Rings** *(33 05 84 00-0070)*		
33 05 84 00-0077	EA	4" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	115.26	
33 05 84 00-0078	EA	6" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	125.64	
33 05 84 00-0079	EA	8" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	136.01	
33 05 84 00-0080	EA	10" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	146.39	
33 05 84 00-0081		**30" Diameter, Concrete Grade Extensions/Grade Rings** *(33 05 84 00-0070)*		
33 05 84 00-0082	EA	4" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	127.58	
33 05 84 00-0083	EA	6" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	139.15	
33 05 84 00-0084	EA	8" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	150.71	
33 05 84 00-0085	EA	10" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	162.28	
33 05 84 00-0086		**Expanded Polypropylene (EPP) Grade Ring** *(33 05 84 00-0001)*		
33 05 84 00-0087	EA	34" Diameter OD x 2" Height, Expanded Polypropylene (EPP) Grade Ring	149.79	
33 05 84 00-0088	EA	34" Diameter OD x 4" Height, Expanded Polypropylene (EPP) Grade Ring	205.41	
33 05 84 00-0089	EA	34" Diameter OD x 6" Height, Expanded Polypropylene (EPP) Grade Ring	256.27	
33 05 84 00-0090	EA	36" Diameter OD x 2" Height, Expanded Polypropylene (EPP) Grade Ring	158.31	
33 05 84 00-0091	EA	36" Diameter OD x 4" Height, Expanded Polypropylene (EPP) Grade Ring	217.78	
33 05 84 00-0092	EA	36" Diameter OD x 6" Height, Expanded Polypropylene (EPP) Grade Ring	272.19	
33 05 84 00-0093	EA	40" Diameter OD x 2" Height, Expanded Polypropylene (EPP) Grade Ring	177.99	
33 05 84 00-0094	EA	40" Diameter OD x 4" Height, Expanded Polypropylene (EPP) Grade Ring	243.44	
33 05 84 00-0095	EA	40" Diameter OD x 6" Height, Expanded Polypropylene (EPP) Grade Ring	303.79	
33 05 84 00-0096	EA	46" Diameter OD x 2" Height, Expanded Polypropylene (EPP) Grade Ring	199.75	
33 05 84 00-0097	EA	46" Diameter OD x 4" Height, Expanded Polypropylene (EPP) Grade Ring	271.95	
33 05 84 00-0098	EA	46" Diameter OD x 6" Height, Expanded Polypropylene (EPP) Grade Ring	339.00	
33 05 84 00-0099		**Expanded Polypropylene (EPP) Finish Ring** *(33 05 84 00-0001)*		
33 05 84 00-0100	EA	34" Diameter OD x 3/4" Height Expanded Polypropylene (EPP) Finish Ring	118.98	
33 05 84 00-0101	EA	34" Diameter OD x 1" Height Expanded Polypropylene (EPP) Finish Ring	121.40	
33 05 84 00-0102	EA	34" Diameter OD x 1-1/4" Height Expanded Polypropylene (EPP) Finish Ring	128.50	
33 05 84 00-0103	EA	34" Diameter OD x 1-1/2" Height Expanded Polypropylene (EPP) Finish Ring	135.60	
33 05 84 00-0104	EA	34" Diameter OD x 1-3/4" Height Expanded Polypropylene (EPP) Finish Ring	142.70	
33 05 84 00-0105	EA	34" Diameter OD x 2" Height Expanded Polypropylene (EPP) Finish Ring	149.79	
33 05 84 00-0106	EA	34" Diameter OD x 2-1/2" Height Expanded Polypropylene (EPP) Finish Ring	162.50	
33 05 84 00-0107	EA	34" Diameter OD x 3/4" To 1-3/4" Angle Height Expanded Polypropylene (EPP) Finish Ring	132.26	
33 05 84 00-0108	EA	36" Diameter OD x 3/4" Height Expanded Polypropylene (EPP) Finish Ring	125.36	
33 05 84 00-0109	EA	36" Diameter OD x 1" Height Expanded Polypropylene (EPP) Finish Ring	127.95	
33 05 84 00-0110	EA	36" Diameter OD x 1-1/4" Height Expanded Polypropylene (EPP) Finish Ring	135.54	
33 05 84 00-0111	EA	36" Diameter OD x 1-1/2" Height Expanded Polypropylene (EPP) Finish Ring	143.13	
33 05 84 00-0112	EA	36" Diameter OD x 1-3/4" Height Expanded Polypropylene (EPP) Finish Ring	150.72	
33 05 84 00-0113	EA	36" Diameter OD x 2" Height Expanded Polypropylene (EPP) Finish Ring	158.31	
33 05 84 00-0114	EA	36" Diameter OD x 2-1/2" Height Expanded Polypropylene (EPP) Finish Ring	171.90	
33 05 84 00-0115	EA	36" Diameter OD x 3/4" To 1-3/4" Angle Height Expanded Polypropylene (EPP) Finish Ring	139.56	
33 05 84 00-0116	EA	40" Diameter OD x 3/4" Height Expanded Polypropylene (EPP) Finish Ring	139.33	
33 05 84 00-0117	EA	40" Diameter OD x 1" Height Expanded Polypropylene (EPP) Finish Ring	142.50	
33 05 84 00-0118	EA	40" Diameter OD x 1-1/4" Height Expanded Polypropylene (EPP) Finish Ring	151.97	
33 05 84 00-0119	EA	40" Diameter OD x 1-1/2" Height Expanded Polypropylene (EPP) Finish Ring	161.46	
33 05 84 00-0120	EA	40" Diameter OD x 1-3/4" Height Expanded Polypropylene (EPP) Finish Ring	169.73	
33 05 84 00-0121	EA	40" Diameter OD x 2" Height Expanded Polypropylene (EPP) Finish Ring	177.99	
33 05 84 00-0122	EA	40" Diameter OD x 2-1/2" Height Expanded Polypropylene (EPP) Finish Ring	191.95	
33 05 84 00-0123	EA	40" Diameter OD x 3/4" To 1-3/4" Angle Height Expanded Polypropylene (EPP) Finish Ring	156.69	
33 05 84 00-0124	EA	46" Diameter OD x 3/4" Height Expanded Polypropylene (EPP) Finish Ring	154.68	
33 05 84 00-0125	EA	46" Diameter OD x 1" Height Expanded Polypropylene (EPP) Finish Ring	158.48	
33 05 84 00-0126	EA	46" Diameter OD x 1-1/4" Height Expanded Polypropylene (EPP) Finish Ring	170.09	
33 05 84 00-0127	EA	46" Diameter OD x 1-1/2" Height Expanded Polypropylene (EPP) Finish Ring	181.69	
33 05 84 00-0128	EA	46" Diameter OD x 1-3/4" Height Expanded Polypropylene (EPP) Finish Ring	190.72	
33 05 84 00-0129	EA	46" Diameter OD x 2" Height Expanded Polypropylene (EPP) Finish Ring	199.75	
33 05 84 00-0130	EA	46" Diameter OD x 2-1/2" Height Expanded Polypropylene (EPP) Finish Ring	214.15	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 84 00-0131	EA	46" Diameter OD x 3/4" To 1-3/4" Angle Height Expanded Polypropylene (EPP) Finish Ring	175.57	
33 05 84 00-0132		Bentonite Collar *(33 05 84 00-0001)*		
33 05 84 00-0133		Bentonite Collar At Manhole Connections *(33 05 84 00-0132)*		
33 05 84 00-0134	EA	Up To 12" Pipe, Bentonite Collar At Manhole Connection	159.10	
33 05 84 00-0135	EA	>12" To 21", Bentonite Collar At Manhole Connection	251.97	
33 05 84 00-0136	EA	>21" To 30" Pipe, Bentonite Collar At Manhole Connection	398.55	
33 05 84 00-0137	EA	>30" To 36" Pipe, Bentonite Collar At Manhole Connection	930.77	
33 05 84 00-0138	EA	>36" To 48" Pipe, Bentonite Collar At Manhole Connection	1,457.67	
33 05 84 00-0139	EA	>48" To 60" Pipe, Bentonite Collar At Manhole Connection	2,648.84	
33 05 84 00-0140		Waste Water Collection System Taps *(33 05 84)* Note: For tapping existing structures only. Includes grout.		
33 05 84 00-0141		Brick Manhole Taps *(33 05 84 00-0140)*		
33 05 84 00-0142	EA	4" Tap In 6" Brick Manhole	651.15	
33 05 84 00-0143	EA	6" Tap In 6" Brick Manhole	728.41	
33 05 84 00-0144	EA	8" Tap In 6" Brick Manhole	804.30	
33 05 84 00-0145	EA	10" Tap In 6" Brick Manhole	880.03	
33 05 84 00-0146	EA	12" Tap In 6" Brick Manhole	969.32	
33 05 84 00-0147	EA	15" Tap In 6" Brick Manhole	1,044.90	
33 05 84 00-0148		Precast Concrete Manhole Tap *(33 05 84 00-0140)*		
33 05 84 00-0149	EA	4" Tap In Existing Precast Concrete Manhole	961.78	
33 05 84 00-0150	EA	6" Tap In Existing Precast Concrete Manhole	1,077.67	
33 05 84 00-0151	EA	8" Tap In Existing Precast Concrete Manhole	1,204.69	
33 05 84 00-0152	EA	10" Tap In Existing Precast Concrete Manhole	1,318.29	
33 05 84 00-0153	EA	12" Tap In Existing Precast Concrete Manhole	1,431.67	
33 05 84 00-0154	EA	15" Tap In Existing Precast Concrete Manhole	1,547.79	
33 05 84 00-0155	EA	18" Tap In Existing Precast Concrete Manhole	1,779.98	
33 05 84 00-0156	EA	24" Tap In Existing Precast Concrete Manhole	2,287.11	

33 05 97 Identification and Signage for Utilities *(33 05)*

33 05 97 23 Utility Identification Warning Tape *(33 05 97)*

33 05 97 23-0001		Non-Detectable Utility Warning Tape *(33 05 97 23)* Note: Labor installation is included with pipe and excavation.		
33 05 97 23-0002	CLF	3" Non-Detectable Utility Warning Tape	9.07	
33 05 97 23-0003	CLF	6" Non-Detectable Utility Warning Tape	12.65	
33 05 97 23-0004		Detectable Utility Warning Tape *(33 05 97 23)* Note: Labor installation is included with pipe and excavation.		
33 05 97 23-0005	CLF	2" Detectable Utility Warning Tape	9.17	
33 05 97 23-0006	CLF	3" Detectable Utility Warning Tape	12.42	
33 05 97 23-0007	CLF	6" Detectable Utility Warning Tape	19.68	

33 10 Water Utilities *(33)*

33 11 Groundwater Sources *(33 10)*

33 11 13 Potable Water Supply Wells *(33 11)*

33 11 13 00-0001		Submersible Well Pumps *(33 11 13)* Note: Includes pump end, motor and control box.		
33 11 13 00-0002		4" Submersible Well Pumps *(33 11 13 00-0001)*		
33 11 13 00-0003		Powder Coated Case And Cast Iron Ends *(33 11 13 00-0002)*		
33 11 13 00-0004	EA	1/2 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends	1,506.77	539.94
33 11 13 00-0005	EA	3/4 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends	1,715.51	598.45
33 11 13 00-0006	EA	1 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends	1,904.19	664.95
33 11 13 00-0007		Stainless Steel Case And Ends *(33 11 13 00-0002)*		
33 11 13 00-0008	EA	1/2 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,679.65	531.96
33 11 13 00-0009	EA	3/4 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,913.29	598.45
33 11 13 00-0010	EA	1 HP Submersible Well Pump, 4" Diameter Stainless Steel	2,143.38	664.95
33 11 13 00-0011	EA	1-1/2 HP Submersible Well Pump, 4" Diameter Stainless Steel	2,446.88	731.44
33 11 13 00-0012	EA	2 HP Submersible Well Pump, 4" Diameter Stainless Steel	2,761.03	797.94
33 11 13 00-0013	EA	3 HP Submersible Well Pump, 4" Diameter Stainless Steel	3,382.23	930.93
33 11 13 00-0014	EA	5 HP Submersible Well Pump, 4" Diameter Stainless Steel	4,224.88	1,063.92
33 11 13 00-0015		6" Submersible Well Pumps *(33 11 13 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 00-0016	EA	5 HP Submersible Well Pump, 6" Diameter Stainless Steel	4,189.65	1,329.90
33 11 13 00-0017	EA	7.5 HP Submersible Well Pump, 6" Diameter Stainless Steel	4,812.05	1,462.89
33 11 13 00-0018	EA	10 HP Submersible Well Pump, 6" Diameter Stainless Steel	5,456.94	1,595.88
33 11 13 00-0019	EA	15 HP Submersible Well Pump, 6" Diameter Stainless Steel	6,571.92	1,861.85

33 14 Water Utility Transmission and Distribution *(33 10)*

33 14 11 Water Utility Transmission Piping *(33 14)*

See CSI section 33 14 13 00-0000 for water utility transmission piping.

33 14 13 Public Water Utility Distribution Piping *(33 14)*

Note: Piping includes hydrostatic testing, disinfecting and warning tape. Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 14 13 13 Ductile Iron Public Water Utility Distribution Piping *(33 14 13)*

33 14 13 13-0001 Ductile Iron Piping *(33 14 13 13)*

33 14 13 13-0002 Mechanical Joint Ductile Iron Piping *(33 14 13 13-0001)*

Note: Cement lining and bituminous coating shall conform to ANSI A21.4. Fittings are C153. See CSI section 33 14 13 13-0204 for bolts and gaskets.

33 14 13 13-0003 Mechanical Joint Ductile Iron Pipe *(33 14 13 13-0002)*

Note: Conforming to ANSI/AWWA C151/A21.51, federal specification WW-P-421D.

33 14 13 13-0004	LF	3", Class 51, Mechanical Joint Ductile Iron Pipe	97.95	14.93
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*52.76*	
		For Cement Mortar Lining (CML), Add	*7.54*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*40.70*	
		For Fusion Bonded Epoxy Lining (206N), Add	*13.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.65*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-4.90*	
		For Class 52, Add	*22.81*	
		For Class 53, Add	*41.24*	
		For Class 54, Add	*58.89*	
		For Class 55, Add	*67.62*	
		For Class 56, Add	*76.20*	
33 14 13 13-0005	LF	4", Class 50, Mechanical Joint Ductile Iron Pipe	106.87	15.88
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*57.97*	
		For Cement Mortar Lining (CML), Add	*8.28*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*44.72*	
		For Fusion Bonded Epoxy Lining (206N), Add	*14.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.21*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-5.34*	
		For Class 51, Add	*11.59*	
		For Class 52, Add	*25.04*	
		For Class 53, Add	*45.28*	
		For Class 54, Add	*64.67*	
		For Class 55, Add	*74.25*	
		For Class 56, Add	*83.66*	
33 14 13 13-0006	LF	6", Class 50, Mechanical Joint Ductile Iron Pipe	115.09	16.67
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*62.92*	
		For Cement Mortar Lining (CML), Add	*8.99*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*48.54*	
		For Fusion Bonded Epoxy Lining (206N), Add	*16.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.74*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-5.75*	
		For Class 51, Add	*12.57*	
		For Class 52, Add	*27.16*	
		For Class 53, Add	*49.12*	
		For Class 54, Add	*70.15*	
		For Class 55, Add	*80.54*	
		For Class 56, Add	*90.75*	
33 14 13 13-0007	LF	8", Class 50, Mechanical Joint Ductile Iron Pipe	141.24	17.33
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*80.49*	
		For Cement Mortar Lining (CML), Add	*11.50*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*62.09*	
		For Fusion Bonded Epoxy Lining (206N), Add	*20.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.62*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-7.06*	
		For Class 51, Add	*16.00*	
		For Class 52, Add	*34.59*	
		For Class 53, Add	*62.60*	
		For Class 54, Add	*89.43*	
		For Class 55, Add	*102.65*	
		For Class 56, Add	*115.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0008	LF	10", Class 50, Mechanical Joint Ductile Iron Pipe	186.68	24.48
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*89.75*	
		For Cement Mortar Lining (CML), Add	*14.96*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*74.79*	
		For Fusion Bonded Epoxy Lining (206N), Add	*26.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*11.22*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-9.33*	
		For Class 51, Add	*20.85*	
		For Class 52, Add	*45.07*	
		For Class 53, Add	*81.55*	
		For Class 54, Add	*116.49*	
		For Class 55, Add	*133.72*	
		For Class 56, Add	*150.64*	
33 14 13 13-0009	LF	12", Class 50, Mechanical Joint Ductile Iron Pipe	232.28	27.20
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*95.53*	
		For Cement Mortar Lining (CML), Add	*19.11*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*76.42*	
		For Fusion Bonded Epoxy Lining (206N), Add	*34.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*14.33*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-11.61*	
		For Class 51, Add	*26.56*	
		For Class 52, Add	*57.41*	
		For Class 53, Add	*103.93*	
		For Class 54, Add	*148.48*	
		For Class 55, Add	*170.41*	
		For Class 56, Add	*191.95*	

33 14 13 13-0010 Mechanical Joint Ductile Iron 90 Degree Elbow *(33 14 13 13-0002)*

33 14 13 13-0011	EA	3" Mechanical Joint Ductile Iron 90 Degree Elbow	204.93	47.13
		For Cement Mortar Lining (CML), Add	*13.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*24.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.01*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0012	EA	4" Mechanical Joint Ductile Iron 90 Degree Elbow	230.63	56.31
		For Cement Mortar Lining (CML), Add	*14.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*26.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.90*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0013	EA	6" Mechanical Joint Ductile Iron 90 Degree Elbow	363.61	83.22
		For Cement Mortar Lining (CML), Add	*23.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*42.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.82*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0014	EA	8" Mechanical Joint Ductile Iron 90 Degree Elbow	495.21	98.71
		For Cement Mortar Lining (CML), Add	*34.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*62.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*25.92*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0015	EA	10" Mechanical Joint Ductile Iron 90 Degree Elbow	714.28	108.58
		For Cement Mortar Lining (CML), Add	*54.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*98.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*41.24*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0016	EA	12" Mechanical Joint Ductile Iron 90 Degree Elbow	933.18	127.37
		For Cement Mortar Lining (CML), Add	*74.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*133.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*55.52*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0017 Mechanical Joint Ductile Iron 45 Degree Elbow *(33 14 13 13-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0018	EA	3" Mechanical Joint Ductile Iron 45 Degree Elbow	191.19	47.13
		For Cement Mortar Lining (CML), Add	*11.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*21.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.98*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0019	EA	4" Mechanical Joint Ductile Iron 45 Degree Elbow	205.10	56.31
		For Cement Mortar Lining (CML), Add	*11.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*21.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.98*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0020	EA	6" Mechanical Joint Ductile Iron 45 Degree Elbow	318.44	83.22
		For Cement Mortar Lining (CML), Add	*19.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*34.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*14.43*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0021	EA	8" Mechanical Joint Ductile Iron 45 Degree Elbow	430.41	98.71
		For Cement Mortar Lining (CML), Add	*28.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*50.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*21.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0022	EA	10" Mechanical Joint Ductile Iron 45 Degree Elbow	574.86	108.58
		For Cement Mortar Lining (CML), Add	*41.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*73.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*30.78*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0023	EA	12" Mechanical Joint Ductile Iron 45 Degree Elbow	805.54	127.37
		For Cement Mortar Lining (CML), Add	*61.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*110.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*45.95*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0024		Mechanical Joint Ductile Iron 22-1/2 Degree Elbow *(33 14 13 13-0002)*		
33 14 13 13-0025	EA	3" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	165.66	47.13
		For Cement Mortar Lining (CML), Add	*9.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*16.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.07*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0026	EA	4" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	199.21	56.31
		For Cement Mortar Lining (CML), Add	*11.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*20.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.54*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0027	EA	6" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	302.73	83.22
		For Cement Mortar Lining (CML), Add	*17.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*31.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.25*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0028	EA	8" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	424.52	98.71
		For Cement Mortar Lining (CML), Add	*27.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*49.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*20.62*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0029	EA	10" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	572.90	108.58
		For Cement Mortar Lining (CML), Add	*40.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*73.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*30.63*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0030	EA	12" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	728.96	127.37
		For Cement Mortar Lining (CML), Add	*53.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*96.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*40.20*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0031		**Mechanical Joint Ductile Iron 11-1/4 Degree Elbow** *(33 14 13 13-0002)*		
33 14 13 13-0032	EA	3" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	165.66	47.13
		For Cement Mortar Lining (CML), Add	*9.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*16.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.07*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0033	EA	4" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	193.32	56.31
		For Cement Mortar Lining (CML), Add	*10.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*19.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.10*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0034	EA	6" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	308.62	83.22
		For Cement Mortar Lining (CML), Add	*18.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*32.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.70*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0035	EA	8" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	399.01	98.71
		For Cement Mortar Lining (CML), Add	*24.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*44.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*18.70*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0036	EA	10" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	568.97	108.58
		For Cement Mortar Lining (CML), Add	*40.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*72.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*30.34*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0037	EA	12" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	695.58	127.37
		For Cement Mortar Lining (CML), Add	*50.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*90.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*37.70*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0038	EA	14" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,329.76	142.83
		For Cement Mortar Lining (CML), Add	*111.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*200.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*83.50*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0039	EA	16" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,466.73	163.23
		For Cement Mortar Lining (CML), Add	*121.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*219.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*91.46*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0040	EA	18" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	2,135.05	228.53
		For Cement Mortar Lining (CML), Add	*178.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*321.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*134.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0041	EA	20" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	2,245.20	285.67
		For Cement Mortar Lining (CML), Add	*181.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*326.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*135.93*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0042	EA	24" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	2,993.62	380.39
		For Cement Mortar Lining (CML), Add	*241.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*435.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*181.29*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0043		Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow *(33 14 13 13-0002)*		
33 14 13 13-0044	EA	3" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	210.83	47.13
		For Cement Mortar Lining (CML), Add	*13.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*25.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.46*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0045	EA	4" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	258.12	56.31
		For Cement Mortar Lining (CML), Add	*17.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*31.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*12.96*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0046	EA	6" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	412.70	83.22
		For Cement Mortar Lining (CML), Add	*28.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*51.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*21.50*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0047	EA	8" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	560.02	98.71
		For Cement Mortar Lining (CML), Add	*41.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*73.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*30.78*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0048	EA	10" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	808.53	108.58
		For Cement Mortar Lining (CML), Add	*64.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*115.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*48.30*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0049	EA	12" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,035.28	127.37
		For Cement Mortar Lining (CML), Add	*84.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*151.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*63.18*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0050	EA	14" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,783.35	142.83
		For Cement Mortar Lining (CML), Add	*156.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*282.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*117.52*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0051	EA	16" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	2,729.32	163.23
		For Cement Mortar Lining (CML), Add	*248.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*446.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*186.15*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0052	EA	18" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	3,165.94	228.53
		For Cement Mortar Lining (CML), Add	*281.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*507.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*211.48*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0053	EA	20" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	4,303.06	285.67
		For Cement Mortar Lining (CML), Add	*387.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*696.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*290.27*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0054	EA	24" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	5,226.23	380.39
		For Cement Mortar Lining (CML), Add	*464.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*836.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*348.74*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0055		Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow *(33 14 13 13-0002)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0056	EA	3" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	193.15	47.13
		For Cement Mortar Lining (CML), Add	*12.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*21.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.13*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0057	EA	4" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	210.99	56.31
		For Cement Mortar Lining (CML), Add	*12.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*22.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.43*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0058	EA	6" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	340.04	83.22
		For Cement Mortar Lining (CML), Add	*21.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*38.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*16.05*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0059	EA	8" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	493.26	98.71
		For Cement Mortar Lining (CML), Add	*34.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*61.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*25.77*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0060	EA	10" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	675.01	108.58
		For Cement Mortar Lining (CML), Add	*51.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*91.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*38.29*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0061	EA	12" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	919.43	127.37
		For Cement Mortar Lining (CML), Add	*72.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*130.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*54.49*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0062	EA	14" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,577.17	142.83
		For Cement Mortar Lining (CML), Add	*136.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*244.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*102.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0063	EA	16" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	2,405.33	163.23
		For Cement Mortar Lining (CML), Add	*215.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*388.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*161.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0064	EA	18" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	2,838.02	228.53
		For Cement Mortar Lining (CML), Add	*249.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*448.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*186.89*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0065	EA	20" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	3,686.49	285.67
		For Cement Mortar Lining (CML), Add	*325.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*585.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*244.03*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0066	EA	24" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	4,631.26	380.39
		For Cement Mortar Lining (CML), Add	*405.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*729.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*304.11*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0067 Mechanical Joint Ductile Iron Tee *(33 14 13 13-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0068	EA	3" x 3" Mechanical Joint Ductile Iron Tee	334.89	70.70
		For Cement Mortar Lining (CML), Add	*22.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*41.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.08*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0069	EA	4" x 3" Mechanical Joint Ductile Iron Tee	347.50	79.01
		For Cement Mortar Lining (CML), Add	*22.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*41.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.08*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0070	EA	4" x 4" Mechanical Joint Ductile Iron Tee	316.48	83.22
		For Cement Mortar Lining (CML), Add	*19.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*34.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*14.29*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0071	EA	6" x 3" Mechanical Joint Ductile Iron Tee	421.95	104.82
		For Cement Mortar Lining (CML), Add	*26.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*47.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*19.73*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0072	EA	6" x 4" Mechanical Joint Ductile Iron Tee	485.45	109.16
		For Cement Mortar Lining (CML), Add	*32.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*57.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*24.01*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0073	EA	6" x 6" Mechanical Joint Ductile Iron Tee	528.70	122.21
		For Cement Mortar Lining (CML), Add	*34.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*61.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*25.77*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0074	EA	8" x 4" Mechanical Joint Ductile Iron Tee	562.78	126.50
		For Cement Mortar Lining (CML), Add	*37.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*66.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*27.83*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0075	EA	8" x 6" Mechanical Joint Ductile Iron Tee	639.41	139.50
		For Cement Mortar Lining (CML), Add	*42.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*77.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*32.10*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0076	EA	8" x 8" Mechanical Joint Ductile Iron Tee	740.92	148.20
		For Cement Mortar Lining (CML), Add	*51.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*92.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*38.73*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0077	EA	10" x 4" Mechanical Joint Ductile Iron Tee	773.90	134.94
		For Cement Mortar Lining (CML), Add	*56.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*102.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*42.71*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0078	EA	10" x 6" Mechanical Joint Ductile Iron Tee	774.78	147.18
		For Cement Mortar Lining (CML), Add	*55.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*99.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*41.38*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0079	EA	10" x 8" Mechanical Joint Ductile Iron Tee	881.40	155.35
		For Cement Mortar Lining (CML), Add	*64.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*116.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*48.45*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0080	EA	10" x 10" Mechanical Joint Ductile Iron Tee	985.64	163.23
		For Cement Mortar Lining (CML), Add	*73.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*132.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*55.37*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0081	EA	12" x 4" Mechanical Joint Ductile Iron Tee	926.27	151.27
		For Cement Mortar Lining (CML), Add	*69.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*125.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*52.28*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0082	EA	12" x 6" Mechanical Joint Ductile Iron Tee	1,052.80	163.50
		For Cement Mortar Lining (CML), Add	*80.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*144.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*60.38*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0083	EA	12" x 8" Mechanical Joint Ductile Iron Tee	1,294.92	171.68
		For Cement Mortar Lining (CML), Add	*103.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*186.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*77.61*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0084	EA	12" x 10" Mechanical Joint Ductile Iron Tee	1,387.37	179.56
		For Cement Mortar Lining (CML), Add	*111.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*200.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*83.65*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0085	EA	12" x 12" Mechanical Joint Ductile Iron Tee	1,315.31	187.72
		For Cement Mortar Lining (CML), Add	*103.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*185.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*77.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0086		**Mechanical Joint Ductile Iron Wye (Laterals)** *(33 14 13 13-0002)*		
33 14 13 13-0087	EA	4" x 3" Mechanical Joint Ductile Iron Wye (Lateral)	286.63	79.01
		For Cement Mortar Lining (CML), Add	*16.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*30.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*12.52*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0088	EA	4" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	438.22	83.17
		For Cement Mortar Lining (CML), Add	*31.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*56.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*23.42*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0089	EA	6" x 3" Mechanical Joint Ductile Iron Wye (Lateral)	421.95	104.82
		For Cement Mortar Lining (CML), Add	*26.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*47.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*19.73*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0090	EA	6" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	487.41	109.16
		For Cement Mortar Lining (CML), Add	*32.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*57.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*24.15*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0091	EA	6" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	656.33	122.14
		For Cement Mortar Lining (CML), Add	*47.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*84.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*35.34*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0092	EA	8" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	841.61	126.50
		For Cement Mortar Lining (CML), Add	*65.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*116.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*48.75*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0093	EA	8" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	755.27	139.50
		For Cement Mortar Lining (CML), Add	*54.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*97.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*40.79*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0094	EA	8" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	911.75	148.16
		For Cement Mortar Lining (CML), Add	*68.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*123.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*51.54*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0095	EA	10" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	1,298.19	134.94
		For Cement Mortar Lining (CML), Add	*109.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*196.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*82.03*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0096	EA	10" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	1,373.68	147.18
		For Cement Mortar Lining (CML), Add	*115.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*207.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*86.30*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0097	EA	10" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	1,578.48	155.35
		For Cement Mortar Lining (CML), Add	*134.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*241.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*100.73*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0098	EA	10" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	1,776.97	163.23
		For Cement Mortar Lining (CML), Add	*152.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*275.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*114.72*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0099	EA	12" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	1,656.73	151.27
		For Cement Mortar Lining (CML), Add	*142.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*256.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*107.07*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0100	EA	12" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	1,873.58	163.50
		For Cement Mortar Lining (CML), Add	*162.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*292.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*121.94*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0101	EA	12" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	2,257.08	171.68
		For Cement Mortar Lining (CML), Add	*199.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*359.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*149.77*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0102	EA	12" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	2,322.05	179.56
		For Cement Mortar Lining (CML), Add	*205.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*369.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*153.75*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0103	EA	12" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	2,104.68	187.71
		For Cement Mortar Lining (CML), Add	*182.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*327.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*136.52*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0104	EA	14" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	2,480.04	190.51
		For Cement Mortar Lining (CML), Add	*219.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*394.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*164.35*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0105	EA	14" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	2,838.01	198.69
		For Cement Mortar Lining (CML), Add	*253.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*456.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*190.27*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0106	EA	14" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	3,704.12	206.57
		For Cement Mortar Lining (CML), Add	*339.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*610.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*254.34*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0107	EA	14" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	3,967.83	214.73
		For Cement Mortar Lining (CML), Add	*364.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*655.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*273.19*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0108	EA	14" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	3,878.34	228.23
		For Cement Mortar Lining (CML), Add	*353.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*635.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*264.94*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0109	EA	16" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	2,549.41	228.52
		For Cement Mortar Lining (CML), Add	*220.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*396.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*165.24*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0110	EA	16" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	2,805.28	236.70
		For Cement Mortar Lining (CML), Add	*244.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*440.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*183.50*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0111	EA	16" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	3,306.16	244.58
		For Cement Mortar Lining (CML), Add	*293.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*528.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*220.17*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0112	EA	16" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	3,697.50	252.73
		For Cement Mortar Lining (CML), Add	*331.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*596.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*248.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0113	EA	16" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	4,625.14	266.25
		For Cement Mortar Lining (CML), Add	*422.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*759.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*316.63*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0114	EA	16" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	4,461.51	285.25
		For Cement Mortar Lining (CML), Add	*402.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*725.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*302.20*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0115	EA	18" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	4,010.98	292.46
		For Cement Mortar Lining (CML), Add	*356.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*642.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*267.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0116	EA	18" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	4,317.91	300.63
		For Cement Mortar Lining (CML), Add	*386.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*695.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*289.68*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0117	EA	18" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	4,614.57	308.52
		For Cement Mortar Lining (CML), Add	*414.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*746.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*311.03*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0118	EA	18" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	4,937.19	316.68
		For Cement Mortar Lining (CML), Add	*445.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*802.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*334.30*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0119	EA	18" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	4,993.01	330.18
		For Cement Mortar Lining (CML), Add	*449.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*808.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*336.95*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0120	EA	18" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	5,045.35	349.20
		For Cement Mortar Lining (CML), Add	*451.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*812.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*338.72*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0121	EA	18" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	4,618.60	381.16
		For Cement Mortar Lining (CML), Add	*404.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*727.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*303.08*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0122	EA	20" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	4,762.94	419.40
		For Cement Mortar Lining (CML), Add	*412.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*742.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*309.56*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0123	EA	20" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	4,867.61	427.57
		For Cement Mortar Lining (CML), Add	*421.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*759.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*316.48*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0124	EA	20" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	5,342.97	435.44
		For Cement Mortar Lining (CML), Add	*468.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*842.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*351.24*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0125	EA	20" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	5,814.81	443.61
		For Cement Mortar Lining (CML), Add	*514.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*925.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*385.70*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0126	EA	20" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	5,874.54	457.11
		For Cement Mortar Lining (CML), Add	*518.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*932.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*388.65*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0127	EA	20" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	5,944.58	476.12
		For Cement Mortar Lining (CML), Add	*522.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*940.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*391.74*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0128	EA	20" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	6,884.49	508.09
		For Cement Mortar Lining (CML), Add	*611.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,100.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*458.60*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0129	EA	20" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	6,529.02	571.55
		For Cement Mortar Lining (CML), Add	*566.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,019.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*424.73*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0130	EA	24" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	5,793.12	545.94
		For Cement Mortar Lining (CML), Add	*496.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*893.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*372.45*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0131	EA	24" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	5,868.34	554.11
		For Cement Mortar Lining (CML), Add	*502.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*905.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*377.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0132	EA	24" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	6,530.24	562.00
		For Cement Mortar Lining (CML), Add	*567.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,022.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*425.90*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0133	EA	24" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	6,833.20	570.15
		For Cement Mortar Lining (CML), Add	*596.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,074.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*447.70*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0134	EA	24" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	7,882.59	583.66
		For Cement Mortar Lining (CML), Add	*699.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,259.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*524.87*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0135	EA	24" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	8,753.78	602.66
		For Cement Mortar Lining (CML), Add	*784.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,411.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*588.05*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0136	EA	24" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	9,791.87	634.63
		For Cement Mortar Lining (CML), Add	*883.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,589.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*662.27*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0137	EA	24" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	10,757.91	698.10
		For Cement Mortar Lining (CML), Add	*970.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,746.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*727.51*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0138	EA	24" x 24" Mechanical Joint Ductile Iron Wye (Lateral)	9,557.80	761.36
		For Cement Mortar Lining (CML), Add	*840.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,512.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*630.32*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0139 Mechanical Joint Ductile Iron Cross *(33 14 13 13-0002)*

33 14 13 13-0140	EA	3" x 3" Mechanical Joint Ductile Iron Cross	396.12	94.26
		For Cement Mortar Lining (CML), Add	*25.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*45.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*19.00*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0141	EA	4" x 3" Mechanical Joint Ductile Iron Cross	479.41	102.57
		For Cement Mortar Lining (CML), Add	*32.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*58.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*24.30*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0142	EA	4" x 4" Mechanical Joint Ductile Iron Cross	567.92	103.96
		For Cement Mortar Lining (CML), Add	*41.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*73.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*30.78*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0143	EA	6" x 3" Mechanical Joint Ductile Iron Cross	677.85	128.51
		For Cement Mortar Lining (CML), Add	*48.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*86.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*36.23*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0144	EA	6" x 4" Mechanical Joint Ductile Iron Cross	657.72	138.61
		For Cement Mortar Lining (CML), Add	*44.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*80.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*33.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0145	EA	6" x 6" Mechanical Joint Ductile Iron Cross	765.21	173.27
		For Cement Mortar Lining (CML), Add	*50.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*90.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*37.70*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0146	EA	8" x 4" Mechanical Joint Ductile Iron Cross	675.48	151.62
		For Cement Mortar Lining (CML), Add	*44.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*80.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*33.43*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0147	EA	8" x 6" Mechanical Joint Ductile Iron Cross	802.59	186.28
		For Cement Mortar Lining (CML), Add	*52.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*93.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*39.03*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0148	EA	8" x 8" Mechanical Joint Ductile Iron Cross	849.79	199.26
		For Cement Mortar Lining (CML), Add	*54.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*98.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*41.09*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0149	EA	10" x 4" Mechanical Joint Ductile Iron Cross	820.35	157.82
		For Cement Mortar Lining (CML), Add	*58.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*104.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*43.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0150	EA	10" x 6" Mechanical Joint Ductile Iron Cross	940.50	190.47
		For Cement Mortar Lining (CML), Add	*65.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*117.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*48.89*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0151	EA	10" x 8" Mechanical Joint Ductile Iron Cross	1,116.15	202.72
		For Cement Mortar Lining (CML), Add	*80.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*145.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*60.68*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0152	EA	10" x 10" Mechanical Joint Ductile Iron Cross	1,207.56	217.65
		For Cement Mortar Lining (CML), Add	*87.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*157.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*65.83*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0153	EA	12 x 4" Mechanical Joint Ductile Iron Cross	994.08	171.40
		For Cement Mortar Lining (CML), Add	*73.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*132.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*55.08*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0154	EA	12" x 6" Mechanical Joint Ductile Iron Cross	1,155.48	204.05
		For Cement Mortar Lining (CML), Add	*84.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*152.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*63.47*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0155	EA	12" x 8" Mechanical Joint Ductile Iron Cross	1,662.98	216.30
		For Cement Mortar Lining (CML), Add	*133.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*240.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*100.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0156	EA	12" x 10" Mechanical Joint Ductile Iron Cross	1,685.66	231.27
		For Cement Mortar Lining (CML), Add	*133.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*240.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*100.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0157	EA	12" x 12" Mechanical Joint Ductile Iron Cross	1,912.43	244.85
		For Cement Mortar Lining (CML), Add	*154.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*277.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*115.61*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0158		**Mechanical Joint x Mechanical Joint Ductile Iron Reducers** *(33 14 13 13-0002)*		
33 14 13 13-0159	EA	4" x 3" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	191.60	51.29
		For Cement Mortar Lining (CML), Add	*11.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*20.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.54*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0160	EA	6" x 3" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	223.06	64.28
		For Cement Mortar Lining (CML), Add	*12.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*22.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.43*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0161	EA	6" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	241.15	68.44
		For Cement Mortar Lining (CML), Add	*13.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*24.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.31*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0162	EA	8" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	305.47	77.12
		For Cement Mortar Lining (CML), Add	*18.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*33.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*14.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0163	EA	8" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	336.80	90.10
		For Cement Mortar Lining (CML), Add	*20.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*36.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*15.02*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0164	EA	10" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	367.47	80.53
		For Cement Mortar Lining (CML), Add	*24.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*44.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*18.41*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0165	EA	10" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	399.76	92.78
		For Cement Mortar Lining (CML), Add	*25.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*46.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*19.44*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0166	EA	10" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	437.66	100.93
		For Cement Mortar Lining (CML), Add	*28.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*51.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*21.35*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0167	EA	12" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	444.63	88.69
		For Cement Mortar Lining (CML), Add	*31.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*55.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*23.27*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0168	EA	12" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	494.60	100.93
		For Cement Mortar Lining (CML), Add	*34.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*61.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*25.63*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0169	EA	12" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	516.78	109.10
		For Cement Mortar Lining (CML), Add	*35.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*63.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*26.36*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0170	EA	12" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	566.03	116.98
		For Cement Mortar Lining (CML), Add	*38.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*69.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*29.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0171		**Mechanical Joint Ductile Iron Caps** *(33 14 13 13-0002)*		
33 14 13 13-0172	EA	3" Mechanical Joint Ductile Iron Caps	215.14	108.29
		For Cement Mortar Lining (CML), Add	*5.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*9.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.83*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0173	EA	4" Mechanical Joint Ductile Iron Caps	245.55	127.07
		For Cement Mortar Lining (CML), Add	*5.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*9.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.98*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0174	EA	6" Mechanical Joint Ductile Iron Caps	334.90	158.83
		For Cement Mortar Lining (CML), Add	*9.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*16.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.07*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0175	EA	8" Mechanical Joint Ductile Iron Caps	432.12	181.54
		For Cement Mortar Lining (CML), Add	*15.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*28.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*11.78*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0176	EA	10" Mechanical Joint Ductile Iron Caps	610.53	272.06
		For Cement Mortar Lining (CML), Add	*19.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*35.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*14.87*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0177	EA	12" Mechanical Joint Ductile Iron Caps	746.19	296.79
		For Cement Mortar Lining (CML), Add	*29.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*53.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*22.24*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0178		**Mechanical Joint Ductile Iron Plug** *(33 14 13 13-0002)*		
33 14 13 13-0179	EA	3" Mechanical Joint Ductile Iron Plug	223.00	108.29
		For Cement Mortar Lining (CML), Add	*5.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*10.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.42*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0180	EA	4" Mechanical Joint Ductile Iron Plug	257.33	127.07
		For Cement Mortar Lining (CML), Add	*6.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*11.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0181	EA	6" Mechanical Joint Ductile Iron Plug	366.32	158.83
		For Cement Mortar Lining (CML), Add	*12.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*22.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.43*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0182	EA	8" Mechanical Joint Ductile Iron Plug	463.54	181.54
		For Cement Mortar Lining (CML), Add	*18.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*33.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*14.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0183	EA	10" Mechanical Joint Ductile Iron Plug	738.17	272.06
		For Cement Mortar Lining (CML), Add	*32.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*58.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*24.45*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0184	EA	12" Mechanical Joint Ductile Iron Plug	781.54	296.79
		For Cement Mortar Lining (CML), Add	*33.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*59.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*24.89*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0185	EA	14" Mechanical Joint Ductile Iron Plug	1,170.13	326.47
		For Cement Mortar Lining (CML), Add	*67.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*121.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*50.66*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0186	EA	16" Mechanical Joint Ductile Iron Plug	636.02	362.71
		For Cement Mortar Lining (CML), Add	*8.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*15.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.48*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0187	EA	18" Mechanical Joint Ductile Iron Plug	1,690.45	408.10
		For Cement Mortar Lining (CML), Add	*107.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*192.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*80.41*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0188	EA	20" Mechanical Joint Ductile Iron Plug	2,116.52	466.34
		For Cement Mortar Lining (CML), Add	*140.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*253.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*105.74*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0189	EA	24" Mechanical Joint Ductile Iron Plug	2,780.18	544.12
		For Cement Mortar Lining (CML), Add	*195.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*352.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*146.68*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0190		Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters *(33 14 13 13-0002)*		
33 14 13 13-0191	EA	3" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	377.03	164.61
		For Cement Mortar Lining (CML), Add	*12.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*22.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.57*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0192	EA	4" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	426.23	190.59
		For Cement Mortar Lining (CML), Add	*13.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*24.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.31*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0193	EA	6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	551.45	238.25
		For Cement Mortar Lining (CML), Add	*19.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*34.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*14.29*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0194	EA	8" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	701.20	272.24
		For Cement Mortar Lining (CML), Add	*28.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*51.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*21.65*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0195	EA	10" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,121.00	408.10
		For Cement Mortar Lining (CML), Add	*50.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*90.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*37.70*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0196	EA	12" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,318.59	445.19
		For Cement Mortar Lining (CML), Add	*64.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*115.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*48.30*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0197 Mechanical Joint Ductile Iron Long Sleeves *(33 14 13 13-0002)*

33 14 13 13-0198	EA	3" Mechanical Joint Ductile Iron Long Sleeves	357.40	164.61
		For Cement Mortar Lining (CML), Add	*10.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*19.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.10*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0199	EA	4" Mechanical Joint Ductile Iron Long Sleeves	416.41	190.59
		For Cement Mortar Lining (CML), Add	*12.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*22.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.57*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0200	EA	6" Mechanical Joint Ductile Iron Long Sleeves	575.01	238.25
		For Cement Mortar Lining (CML), Add	*21.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*38.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*16.05*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0201	EA	8" Mechanical Joint Ductile Iron Long Sleeves	764.03	272.24
		For Cement Mortar Lining (CML), Add	*35.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*63.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*26.36*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0202	EA	10" Mechanical Joint Ductile Iron Long Sleeves	1,036.57	408.10
		For Cement Mortar Lining (CML), Add	*41.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*75.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*31.37*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0203	EA	12" Mechanical Joint Ductile Iron Long Sleeves	1,240.05	445.19
		For Cement Mortar Lining (CML), Add	*56.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*101.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*42.41*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0204 Mechanical Joint Ductile Iron Gland Packs *(33 14 13 13-0002)*

Note: Includes ductile iron retainer gland, gasket, break off torque bolts and all nuts.

33 14 13 13-0205 Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts *(33 14 13 13-0204)*

Note: Labor installation is included with pipe fittings or valves.

33 14 13 13-0206	EA	3" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	39.27
33 14 13 13-0207	EA	4" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	34.14
		Note: Includes four (4) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0208	EA	6" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	41.25
		Note: Includes six (6) 3/4" diameter plain finish bolts with nut.	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0209	EA	8" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish bolts with nut.	48.36	
33 14 13 13-0210	EA	10" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish bolts with nut.	66.85	
33 14 13 13-0211	EA	12" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish bolts with nut.	71.12	
33 14 13 13-0212	EA	14" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes ten (10) 3/4" diameter plain finish bolts with nut.	116.64	
33 14 13 13-0213	EA	16" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish bolts with nut.	123.75	
33 14 13 13-0214	EA	18" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish bolts with nut.	165.00	
33 14 13 13-0215	EA	20" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes fourteen (14) 3/4" diameter plain finish bolts with nut.	213.36	
33 14 13 13-0216	EA	24" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes sixteen (16) 3/4" diameter plain finish bolts with nut.	297.28	
33 14 13 13-0217		**Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts** *(33 14 13 13-0204)* Note: Labor installation is included with pipe fittings or valves.		
33 14 13 13-0218	EA	3" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts	66.76	
33 14 13 13-0219	EA	4" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes four (4) 3/4" diameter plain finish bolts with nut.	48.36	
33 14 13 13-0220	EA	6" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish bolts with nut.	61.16	
33 14 13 13-0221	EA	8" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish bolts with nut.	66.85	
33 14 13 13-0222	EA	10" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish bolts with nut.	92.46	
33 14 13 13-0223	EA	12" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish bolts with nut.	96.72	
33 14 13 13-0224	EA	14" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes ten (10) 3/4" diameter plain finish bolts with nut.	146.51	
33 14 13 13-0225	EA	16" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish bolts with nut.	160.73	
33 14 13 13-0226	EA	18" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish bolts with nut.	213.36	
33 14 13 13-0227	EA	20" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes fourteen (14) 3/4" diameter plain finish bolts with nut.	275.95	
33 14 13 13-0228	EA	24" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes sixteen (16) 3/4" diameter plain finish bolts with nut.	385.47	
33 14 13 13-0229		**Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts** *(33 14 13 13-0204)* Note: Labor installation is included with pipe fittings or valves.		
33 14 13 13-0230	EA	3" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	43.20	
33 14 13 13-0231	EA	4" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes four (4) 3/4" diameter plain finish bolts with nut.	36.98	
33 14 13 13-0232	EA	6" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish bolts with nut.	44.09	
33 14 13 13-0233	EA	8" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish bolts with nut.	52.63	
33 14 13 13-0234	EA	10" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish bolts with nut.	72.54	
33 14 13 13-0235	EA	12" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish bolts with nut.	76.81	
33 14 13 13-0236	EA	14" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes ten (10) 3/4" diameter plain finish bolts with nut.	126.59	
33 14 13 13-0237	EA	16" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish bolts with nut.	133.71	
33 14 13 13-0238	EA	18" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish bolts with nut.	180.64	
33 14 13 13-0239	EA	20" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes fourteen (14) 3/4" diameter plain finish bolts with nut.	231.85	
33 14 13 13-0240	EA	24" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes sixteen (16) 3/4" diameter plain finish bolts with nut.	324.31	
33 14 13 13-0241		**Mechanical Joint Restraints With Accessories For Ductile Iron Pipe (MEGALUG® 1100DEC Series)** *(33 14 13 13-0002)* Note: Includes ductile iron retainer gland, gasket, break off torque bolts and all nuts and bolts. Excludes pipe and fitting.		
33 14 13 13-0242	EA	3" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1103DSC)	221.49	82.57
33 14 13 13-0243	EA	4" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1104DEC)	252.88	97.79
33 14 13 13-0244	EA	6" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1106DEC)	313.68	121.03
33 14 13 13-0245	EA	8" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1108DEC)	390.82	141.24
33 14 13 13-0246	EA	10" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1110DEC)	561.93	204.05
33 14 13 13-0247	EA	12" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1112DEC)	692.15	233.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0248		**Mechanical Joint Ductile Iron Force Balanced Flexible Expansion Joint (FLEX-TEND®)** *(33 14 13 13-0002)*		
33 14 13 13-0249	EA	3" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	4,644.38	67.58
33 14 13 13-0250	EA	4" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	4,836.52	84.47
33 14 13 13-0251	EA	6" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	7,018.15	124.83
33 14 13 13-0252	EA	8" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	9,536.80	148.07
33 14 13 13-0253	EA	10" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	12,018.43	162.87
33 14 13 13-0254	EA	12" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	16,029.41	191.07
33 14 13 13-0255	EA	14" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	19,745.79	214.25
33 14 13 13-0256	EA	16" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	23,360.01	244.85
33 14 13 13-0257	EA	18" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	26,337.92	342.80
33 14 13 13-0258	EA	20" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	35,431.97	428.49
33 14 13 13-0259	EA	24" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	49,094.62	571.33
33 14 13 13-0260		**Set Screw Flange Adapter For Ductile Iron Pipe (E-Z Flange 1000DSM Series)** *(33 14 13 13-0002)* Note: Includes machined bolts and gasket.		
33 14 13 13-0261	EA	3" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1003DSM)	219.93	82.57
33 14 13 13-0262	EA	4" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1004DSM)	281.73	97.79
33 14 13 13-0263	EA	6" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1006DSM)	363.73	121.03
33 14 13 13-0264	EA	8" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1008DSM)	415.36	141.24
33 14 13 13-0265	EA	10" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1010DSM)	727.30	216.59
33 14 13 13-0266	EA	12" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1012DSM)	823.29	247.56
33 14 13 13-0267		**Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 2100 Series)** *(33 14 13 13-0002)* Note: Includes nuts, bolts and gasket.		
33 14 13 13-0268	EA	3" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210300)	317.98	82.57
33 14 13 13-0269	EA	4" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210400)	395.18	97.79
33 14 13 13-0270	EA	6" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210600)	546.12	121.03
33 14 13 13-0271	EA	8" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210800)	787.27	141.24
33 14 13 13-0272	EA	10" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211000)	1,141.38	216.59
33 14 13 13-0273	EA	12" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211200)	1,417.62	247.56
33 14 13 13-0274	EA	14" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211400)	2,176.33	266.47
33 14 13 13-0275	EA	16" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211600)	3,044.17	288.78
33 14 13 13-0276	EA	18" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211800)	3,444.55	346.55
33 14 13 13-0277	EA	20" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 212000)	3,805.10	384.87
33 14 13 13-0278	EA	24" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 212400)	4,601.78	444.08
33 14 13 13-0279	EA	30" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 213000)	5,917.77	532.54
33 14 13 13-0280	EA	36" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 213600)	8,829.99	666.44
33 14 13 13-0281	EA	42" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 214200)	22,965.07	768.96
33 14 13 13-0282	EA	48" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 214800)	29,415.25	988.95
33 14 13 13-0283		**Mechanical Joint x Restrained Plain End Ductile Iron Flexible Ball Joint** *(33 14 13 13-0002)* Note: All internal surfaces (wetted parts) shall be lined with a minimum of 15 mils of fusion bonded epoxy conforming to the applicable requirements of ANSI/AWWA C213. Sealing gaskets shall be constructed of EPDM. The coating shall meet ANSI/NSF-61. Exterior surfaces shall be coated with a minimum of 6 mils of fusion bonded epoxy conforming to the applicable requirements of ANSI/AWWA C116/A21.16.		
33 14 13 13-0284	EA	4" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint	1,321.16	127.07
33 14 13 13-0285	EA	6" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint	2,096.79	158.83
33 14 13 13-0286	EA	8" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint	2,778.69	181.54
33 14 13 13-0287	EA	10" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint	3,837.07	272.06
33 14 13 13-0288	EA	12" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint	5,014.79	296.79
33 14 13 13-0289	EA	14" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint	5,807.27	326.47
33 14 13 13-0290	EA	16" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint	6,455.00	362.71
33 14 13 13-0291	EA	18" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint	9,229.49	408.10
33 14 13 13-0292	EA	20" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint	9,432.58	466.34
33 14 13 13-0293	EA	24" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint	16,468.55	544.12
33 14 13 13-0294	EA	30" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint	57,587.86	652.95
33 14 13 13-0295	EA	36" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint	81,758.54	816.18
33 14 13 13-0296		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Piping** *(33 14 13 13-0001)* See CSI section 33 14 13 13-0204 for bolts and gaskets.		
33 14 13 13-0297		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow** *(33 14 13 13-0296)*		
33 14 13 13-0298	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	489.66	47.13
33 14 13 13-0299	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	586.05	56.45
33 14 13 13-0300	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	909.49	82.70
33 14 13 13-0301	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	1,243.36	98.45
33 14 13 13-0302	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	1,703.93	108.82
33 14 13 13-0303	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	2,160.43	127.37
33 14 13 13-0304	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	3,071.47	143.45
33 14 13 13-0305	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Joint Ductile Iron 90 Degree Elbow	3,726.83	163.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0306	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	4,503.15	228.78
33 14 13 13-0307	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	5,612.78	285.67
33 14 13 13-0308	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	7,936.01	380.88
33 14 13 13-0309		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow** *(33 14 13 13-0296)*		
33 14 13 13-0310	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	468.06	47.13
33 14 13 13-0311	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	548.74	56.45
33 14 13 13-0312	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	844.69	82.70
33 14 13 13-0313	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	1,143.21	98.45
33 14 13 13-0314	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	1,491.86	108.82
33 14 13 13-0315	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	1,969.96	127.37
33 14 13 13-0316	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	2,663.05	143.45
33 14 13 13-0317	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	3,188.80	163.23
33 14 13 13-0318	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	3,770.73	228.78
33 14 13 13-0319	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	4,577.96	285.67
33 14 13 13-0320	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	6,033.28	380.88
33 14 13 13-0321		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow** *(33 14 13 13-0296)*		
33 14 13 13-0322	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	363.99	47.13
33 14 13 13-0323	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	542.85	56.45
33 14 13 13-0324	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	821.12	82.70
33 14 13 13-0325	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,135.36	98.45
33 14 13 13-0326	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,489.90	108.82
33 14 13 13-0327	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,856.07	127.37
33 14 13 13-0328	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	2,678.75	143.45
33 14 13 13-0329	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	3,118.11	163.23
33 14 13 13-0330	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	3,753.06	228.78
33 14 13 13-0331	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	4,740.94	285.67
33 14 13 13-0332	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	5,903.69	380.88
33 14 13 13-0333	EA	30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	9,880.62	408.10
33 14 13 13-0334	EA	36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	13,489.69	424.17
33 14 13 13-0335	EA	42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	19,305.86	489.71
33 14 13 13-0336	EA	48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	24,721.71	520.63
33 14 13 13-0337		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow** *(33 14 13 13-0296)*		
33 14 13 13-0338	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	363.99	47.13
33 14 13 13-0339	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	650.85	56.45
33 14 13 13-0340	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	828.98	82.70
33 14 13 13-0341	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,100.01	98.45
33 14 13 13-0342	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,485.97	108.82
33 14 13 13-0343	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,803.05	127.37
33 14 13 13-0344	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	2,884.93	143.45
33 14 13 13-0345	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	3,214.33	163.23
33 14 13 13-0346	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	4,310.72	228.78
33 14 13 13-0347	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	4,572.07	285.67
33 14 13 13-0348	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	5,905.65	380.88
33 14 13 13-0349		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow** *(33 14 13 13-0296)*		
33 14 13 13-0350	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	428.79	47.13
33 14 13 13-0351	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	631.21	56.45
33 14 13 13-0352	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	984.10	82.70
33 14 13 13-0353	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,337.61	98.45
33 14 13 13-0354	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,841.38	108.82
33 14 13 13-0355	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	2,311.62	127.37
33 14 13 13-0356	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	4,157.35	143.45
33 14 13 13-0357	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	6,489.61	163.23
33 14 13 13-0358	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	7,415.17	228.78
33 14 13 13-0359	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	8,546.40	285.67
33 14 13 13-0360	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	9,239.84	380.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0361		Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow *(33 14 13 13-0296)*		
33 14 13 13-0362	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	428.79	47.13
33 14 13 13-0363	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	556.58	56.45
33 14 13 13-0364	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	876.11	82.70
33 14 13 13-0365	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,239.43	98.45
33 14 13 13-0366	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,643.06	108.82
33 14 13 13-0367	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	2,138.83	127.37
33 14 13 13-0368	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	2,851.55	143.45
33 14 13 13-0369	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	3,426.40	163.23
33 14 13 13-0370	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	6,413.73	228.78
33 14 13 13-0371	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	6,728.10	285.67
33 14 13 13-0372	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	7,005.26	380.88
33 14 13 13-0373		Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee *(33 14 13 13-0296)*		
33 14 13 13-0374	EA	3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	603.90	70.70
33 14 13 13-0375	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	658.79	79.70
33 14 13 13-0376	EA	4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	695.45	82.70
33 14 13 13-0377	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	991.40	104.82
33 14 13 13-0378	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,074.53	108.95
33 14 13 13-0379	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,133.49	122.08
33 14 13 13-0380	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,318.77	126.01
33 14 13 13-0381	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,426.82	139.14
33 14 13 13-0382	EA	8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,569.56	148.33
33 14 13 13-0383	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,769.45	134.80
33 14 13 13-0384	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,766.40	147.16
33 14 13 13-0385	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,914.26	155.82
33 14 13 13-0386	EA	10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,065.62	163.23
33 14 13 13-0387	EA	12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,129.95	150.87
33 14 13 13-0388	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,148.48	163.23
33 14 13 13-0389	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,323.84	171.90
33 14 13 13-0390	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,679.42	179.31
33 14 13 13-0391	EA	12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,685.90	187.97
33 14 13 13-0392	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,043.59	190.45
33 14 13 13-0393	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,293.57	199.10
33 14 13 13-0394	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,998.66	206.52
33 14 13 13-0395	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,221.13	215.18
33 14 13 13-0396	EA	14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,909.75	228.78
33 14 13 13-0397	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,641.06	228.78
33 14 13 13-0398	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,838.13	236.20
33 14 13 13-0399	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,606.07	244.85
33 14 13 13-0400	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,319.96	252.28
33 14 13 13-0401	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,638.36	265.88
33 14 13 13-0402	EA	16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,099.67	285.67
33 14 13 13-0403	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,780.71	293.08
33 14 13 13-0404	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,042.48	300.50
33 14 13 13-0405	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,374.49	307.93
33 14 13 13-0406	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,681.40	316.58
33 14 13 13-0407	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,837.35	330.18
33 14 13 13-0408	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,237.26	348.73
33 14 13 13-0409	EA	18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,963.14	380.88
33 14 13 13-0410	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,493.40	419.22
33 14 13 13-0411	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,586.28	427.88
33 14 13 13-0412	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,140.19	435.30
33 14 13 13-0413	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,443.16	443.95
33 14 13 13-0414	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,506.82	457.56
33 14 13 13-0415	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,423.69	476.11
33 14 13 13-0416	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	8,215.81	508.27
33 14 13 13-0417	EA	20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	7,000.29	571.33
33 14 13 13-0418	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,666.93	545.36
33 14 13 13-0419	EA	24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,730.36	555.26
33 14 13 13-0420	EA	24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,852.27	561.43
33 14 13 13-0421	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	7,033.49	570.09
33 14 13 13-0422	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	8,002.37	583.70
33 14 13 13-0423	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	8,347.32	602.25
33 14 13 13-0424	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	10,276.88	634.40
33 14 13 13-0425	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	10,608.68	698.70
33 14 13 13-0426	EA	24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	9,948.55	761.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0427		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Laterals)** *(33 14 13 13-0296)*		
33 14 13 13-0428	EA	3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	677.38	79.01
33 14 13 13-0429	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	746.11	79.01
33 14 13 13-0430	EA	4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	876.11	82.70
33 14 13 13-0431	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	965.87	104.82
33 14 13 13-0432	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,078.45	108.95
33 14 13 13-0433	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,320.03	122.08
33 14 13 13-0434	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,737.01	126.01
33 14 13 13-0435	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,599.62	139.14
33 14 13 13-0436	EA	8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,799.30	148.33
33 14 13 13-0437	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,552.93	134.80
33 14 13 13-0438	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,657.87	147.16
33 14 13 13-0439	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,974.60	155.82
33 14 13 13-0440	EA	10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,247.71	163.23
33 14 13 13-0441	EA	12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,117.65	150.87
33 14 13 13-0442	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,536.75	163.23
33 14 13 13-0443	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,189.26	171.90
33 14 13 13-0444	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,191.40	179.31
33 14 13 13-0445	EA	12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,864.06	187.97
33 14 13 13-0446	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,598.76	190.45
33 14 13 13-0447	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,290.55	199.10
33 14 13 13-0448	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,981.37	206.52
33 14 13 13-0449	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,488.56	215.18
33 14 13 13-0450	EA	14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,293.04	228.78
33 14 13 13-0451	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,782.02	228.78
33 14 13 13-0452	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,285.30	236.20
33 14 13 13-0453	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,281.02	244.85
33 14 13 13-0454	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,479.92	252.28
33 14 13 13-0455	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,035.91	265.88
33 14 13 13-0456	EA	16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,593.45	285.67
33 14 13 13-0457	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,783.58	293.08
33 14 13 13-0458	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,320.26	300.50
33 14 13 13-0459	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,838.80	307.93
33 14 13 13-0460	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,400.98	316.58
33 14 13 13-0461	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,484.29	330.18
33 14 13 13-0462	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,577.87	348.73
33 14 13 13-0463	EA	18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,760.36	380.88
33 14 13 13-0464	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,971.46	419.22
33 14 13 13-0465	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,146.82	427.88
33 14 13 13-0466	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,983.48	435.30
33 14 13 13-0467	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	9,812.70	443.95
33 14 13 13-0468	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	9,901.88	457.56
33 14 13 13-0469	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	10,005.30	476.11
33 14 13 13-0470	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	11,636.40	508.27
33 14 13 13-0471	EA	20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	10,931.41	571.33
33 14 13 13-0472	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	9,653.56	545.36
33 14 13 13-0473	EA	24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	9,777.87	554.02
33 14 13 13-0474	EA	24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	10,944.41	561.43
33 14 13 13-0475	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	11,473.19	570.09
33 14 13 13-0476	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	13,321.76	583.70
33 14 13 13-0477	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	14,848.80	602.25
33 14 13 13-0478	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	16,654.65	634.40
33 14 13 13-0479	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	18,298.14	698.70
33 14 13 13-0480	EA	24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	16,090.70	761.77
33 14 13 13-0481		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee** *(33 14 13 13-0296)*		
33 14 13 13-0482	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	1,206.14	122.08
33 14 13 13-0483	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	1,501.44	139.14
33 14 13 13-0484	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	2,159.12	147.16
33 14 13 13-0485	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	2,486.22	163.23
33 14 13 13-0486	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	3,292.97	190.45
33 14 13 13-0487	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	4,012.29	228.78
33 14 13 13-0488	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	4,731.62	293.08
33 14 13 13-0489	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	6,355.42	419.22
33 14 13 13-0490	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	7,410.83	545.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0491		Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross *(33 14 13 13-0296)*		
33 14 13 13-0492	EA	3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	671.03	94.26
33 14 13 13-0493	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	840.72	102.57
33 14 13 13-0494	EA	4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,054.90	103.70
33 14 13 13-0495	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,115.73	128.56
33 14 13 13-0496	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,307.67	139.14
33 14 13 13-0497	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,440.69	173.27
33 14 13 13-0498	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,388.26	152.27
33 14 13 13-0499	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,635.16	186.40
33 14 13 13-0500	EA	8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,615.60	199.52
33 14 13 13-0501	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,633.28	158.30
33 14 13 13-0502	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,828.04	190.45
33 14 13 13-0503	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,176.50	202.81
33 14 13 13-0504	EA	10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,358.23	217.65
33 14 13 13-0505	EA	12 x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,105.47	171.90
33 14 13 13-0506	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,435.75	204.05
33 14 13 13-0507	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,644.78	216.41
33 14 13 13-0508	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,089.63	231.25
33 14 13 13-0509	EA	12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,532.40	244.85
33 14 13 13-0510	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,658.55	223.84
33 14 13 13-0511	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,344.74	236.20
33 14 13 13-0512	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,447.94	252.28
33 14 13 13-0513	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,694.33	264.64
33 14 13 13-0514	EA	14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,204.35	285.67
33 14 13 13-0515	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,094.53	253.51
33 14 13 13-0516	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,690.39	264.64
33 14 13 13-0517	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,665.41	280.72
33 14 13 13-0518	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	6,339.89	294.32
33 14 13 13-0519	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,711.93	314.11
33 14 13 13-0520	EA	16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	8,045.79	342.56
33 14 13 13-0521	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,102.00	299.27
33 14 13 13-0522	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,515.26	311.63
33 14 13 13-0523	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,867.83	326.47
33 14 13 13-0524	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	8,550.13	340.08
33 14 13 13-0525	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	10,026.25	359.86
33 14 13 13-0526	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	10,664.48	388.31
33 14 13 13-0527	EA	18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	11,129.11	435.30
33 14 13 13-0528	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	8,929.73	375.95
33 14 13 13-0529	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	9,346.91	387.07
33 14 13 13-0530	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	9,630.74	403.15
33 14 13 13-0531	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	10,307.17	416.75
33 14 13 13-0532	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	10,471.60	436.54
33 14 13 13-0533	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	12,753.35	464.98
33 14 13 13-0534	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	13,217.98	510.73
33 14 13 13-0535	EA	20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	14,256.33	587.41
33 14 13 13-0536	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	12,233.83	469.93
33 14 13 13-0537	EA	24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	12,517.86	482.29
33 14 13 13-0538	EA	24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	12,999.65	497.13
33 14 13 13-0539	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	13,414.92	510.73
33 14 13 13-0540	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	13,642.17	530.52
33 14 13 13-0541	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	14,148.84	558.97
33 14 13 13-0542	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	18,894.12	605.96
33 14 13 13-0543	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	19,863.73	681.39
33 14 13 13-0544	EA	24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	21,852.22	775.38
33 14 13 13-0545		Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducers *(33 14 13 13-0296)*		
33 14 13 13-0546	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	480.25	51.29
33 14 13 13-0547	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	672.72	64.28
33 14 13 13-0548	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	739.91	68.26
33 14 13 13-0549	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	973.09	77.44
33 14 13 13-0550	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,010.31	90.58
33 14 13 13-0551	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,192.18	80.38
33 14 13 13-0552	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,246.07	92.74
33 14 13 13-0553	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,295.76	101.41
33 14 13 13-0554	EA	12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,379.30	89.04
33 14 13 13-0555	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,525.49	101.41
33 14 13 13-0556	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,549.64	108.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0557	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,618.52	117.48
33 14 13 13-0558	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,394.22	115.01
33 14 13 13-0559	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,406.60	122.43
33 14 13 13-0560	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,090.63	131.08
33 14 13 13-0561	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,132.44	138.51
33 14 13 13-0562	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,870.71	133.56
33 14 13 13-0563	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,782.95	142.21
33 14 13 13-0564	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,610.31	149.63
33 14 13 13-0565	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,577.52	157.06
33 14 13 13-0566	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,916.09	170.66
33 14 13 13-0567	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,116.10	173.13
33 14 13 13-0568	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,516.85	181.79
33 14 13 13-0569	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,356.42	189.21
33 14 13 13-0570	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	4,017.02	202.81
33 14 13 13-0571	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,509.75	222.60
33 14 13 13-0572	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	4,148.91	237.44
33 14 13 13-0573	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	4,180.49	244.85
33 14 13 13-0574	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,792.28	253.51
33 14 13 13-0575	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,787.22	267.12
33 14 13 13-0576	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,690.34	285.67
33 14 13 13-0577	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	4,369.09	317.82
33 14 13 13-0578	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	5,223.40	316.58
33 14 13 13-0579	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	5,298.84	330.18
33 14 13 13-0580	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	5,390.47	348.73
33 14 13 13-0581	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	5,301.45	380.88
33 14 13 13-0582	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	6,114.33	443.95

33 14 13 13-0583 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps *(33 14 13 13-0296)*

33 14 13 13-0584	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	433.10	108.29
33 14 13 13-0585	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	522.41	127.33
33 14 13 13-0586	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	766.89	158.83
33 14 13 13-0587	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	1,031.02	181.14
33 14 13 13-0588	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	1,364.56	272.06
33 14 13 13-0589	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	1,726.03	296.79
33 14 13 13-0590	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	1,963.42	326.47
33 14 13 13-0591	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	2,393.44	362.33
33 14 13 13-0592	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	2,805.77	408.10
33 14 13 13-0593	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	3,386.97	466.21
33 14 13 13-0594	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	4,349.09	544.12

33 14 13 13-0595 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug *(33 14 13 13-0296)*

33 14 13 13-0596	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	435.07	108.29
33 14 13 13-0597	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	542.05	127.33
33 14 13 13-0598	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	817.95	158.83
33 14 13 13-0599	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	1,082.07	181.14
33 14 13 13-0600	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	1,657.13	272.06
33 14 13 13-0601	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	1,792.79	296.79
33 14 13 13-0602	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	2,389.52	326.47
33 14 13 13-0603	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	2,886.30	362.33
33 14 13 13-0604	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	3,436.09	408.10
33 14 13 13-0605	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	4,239.18	466.21
33 14 13 13-0606	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	5,562.60	544.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0607		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters** *(33 14 13 13-0296)*		
33 14 13 13-0608	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	589.10	164.61
33 14 13 13-0609	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	781.64	190.33
33 14 13 13-0610	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,077.69	238.90
33 14 13 13-0611	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,419.88	271.72
33 14 13 13-0612	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	2,087.09	408.10
33 14 13 13-0613	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	2,496.75	445.19
33 14 13 13-0614	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	3,275.03	489.71
33 14 13 13-0615	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	3,718.78	544.12
33 14 13 13-0616	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	4,890.02	612.14
33 14 13 13-0617	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	5,672.48	699.94
33 14 13 13-0618	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	6,870.22	816.18
33 14 13 13-0619		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves** *(33 14 13 13-0296)*		
33 14 13 13-0620	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	612.67	164.61
33 14 13 13-0621	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	752.19	190.33
33 14 13 13-0622	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	1,111.08	238.90
33 14 13 13-0623	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	1,510.20	271.72
33 14 13 13-0624	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	1,961.42	408.10
33 14 13 13-0625	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	2,378.93	445.19
33 14 13 13-0626	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	3,023.69	489.71
33 14 13 13-0627	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	3,585.25	544.12
33 14 13 13-0628	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	4,285.24	612.14
33 14 13 13-0629	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	4,991.11	699.94
33 14 13 13-0630	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	6,245.79	816.18
33 14 13 13-0631		**Push-On Joint Ductile Iron Piping And Gaskets** *(33 14 13 13-0001)*		
33 14 13 13-0632		**Push-On Joint Ductile Iron Pipe** *(33 14 13 13-0631)*		
		Note: Conforming to ANSI/AWWA C151/A21.51, federal specification WW-P-421D.		
33 14 13 13-0633	LF	4", Class 50, Push-On Joint Ductile Iron Pipe	38.59	10.83
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*15.53*	
		For Cement Mortar Lining (CML), Add	*2.22*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*11.98*	
		For Fusion Bonded Epoxy Lining (206N), Add	*3.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1.66*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Pipe, Add	*10.54*	
		For >1,000, Deduct	*-1.93*	
		For Class 51, Add	*3.23*	
		For Class 52, Add	*6.96*	
		For Class 53, Add	*12.50*	
		For Class 54, Add	*17.82*	
		For Class 55, Add	*20.51*	
		For Class 56, Add	*23.16*	
33 14 13 13-0634	LF	6", Class 50, Push-On Joint Ductile Iron Pipe	42.33	11.94
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*17.04*	
		For Cement Mortar Lining (CML), Add	*2.43*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*13.14*	
		For Fusion Bonded Epoxy Lining (206N), Add	*4.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1.83*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Pipe, Add	*11.56*	
		For >1,000, Deduct	*-2.12*	
		For Class 51, Add	*3.54*	
		For Class 52, Add	*7.63*	
		For Class 53, Add	*13.72*	
		For Class 54, Add	*19.55*	
		For Class 55, Add	*22.51*	
		For Class 56, Add	*25.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0635	LF	8", Class 50, Push-On Joint Ductile Iron Pipe	52.96	13.12
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*23.29*	
		For Cement Mortar Lining (CML), Add	*3.33*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*17.97*	
		For Fusion Bonded Epoxy Lining (206N), Add	*5.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2.50*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Pipe, Add	*15.80*	
		For >1,000, Deduct	*-2.65*	
		For Class 51, Add	*4.78*	
		For Class 52, Add	*10.31*	
		For Class 53, Add	*18.57*	
		For Class 54, Add	*26.48*	
		For Class 55, Add	*30.46*	
		For Class 56, Add	*34.36*	
33 14 13 13-0636	LF	10", Class 50, Push-On Joint Ductile Iron Pipe	74.76	18.43
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*28.16*	
		For Cement Mortar Lining (CML), Add	*4.69*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*23.47*	
		For Fusion Bonded Epoxy Lining (206N), Add	*8.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.52*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Pipe, Add	*22.30*	
		For >1,000, Deduct	*-3.74*	
		For Class 51, Add	*6.75*	
		For Class 52, Add	*14.55*	
		For Class 53, Add	*26.20*	
		For Class 54, Add	*37.37*	
		For Class 55, Add	*42.98*	
		For Class 56, Add	*48.49*	
33 14 13 13-0637	LF	12", Class 50, Push-On Joint Ductile Iron Pipe	86.87	20.41
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*27.98*	
		For Cement Mortar Lining (CML), Add	*5.60*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*22.38*	
		For Fusion Bonded Epoxy Lining (206N), Add	*10.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.20*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Pipe, Add	*26.58*	
		For >1,000, Deduct	*-4.34*	
		For Class 51, Add	*8.01*	
		For Class 52, Add	*17.29*	
		For Class 53, Add	*31.15*	
		For Class 54, Add	*44.43*	
		For Class 55, Add	*51.09*	
		For Class 56, Add	*57.63*	

33 14 13 13-0638 Push-On Joint Ductile Iron 90 Degree Elbow *(33 14 13 13-0631)*

33 14 13 13-0639	EA	4" 90 Degree Elbow, Push-On Joint Ductile Iron	301.68	42.27
		For Cement Mortar Lining (CML), Add	*23.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*42.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.82*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*142.57*	
33 14 13 13-0640	EA	6" 90 Degree Elbow, Push-On Joint Ductile Iron	437.05	62.35
		For Cement Mortar Lining (CML), Add	*34.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*61.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*25.69*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*205.52*	
33 14 13 13-0641	EA	8" 90 Degree Elbow, Push-On Joint Ductile Iron	587.36	74.03
		For Cement Mortar Lining (CML), Add	*47.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*85.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*35.63*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*285.08*	
33 14 13 13-0642	EA	10" 90 Degree Elbow, Push-On Joint Ductile Iron	886.59	81.37
		For Cement Mortar Lining (CML), Add	*71.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*129.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*53.87*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*430.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0643	EA	12" 90 Degree Elbow, Push-On Joint Ductile Iron	1,147.62	95.47
		For Cement Mortar Lining (CML), Add	*95.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*171.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*71.27*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*570.19*	
33 14 13 13-0644		**Push-On Joint Ductile Iron Tee** *(33 14 13 13-0631)*		
33 14 13 13-0645	EA	4" Tee, Push-On Joint Ductile Iron	461.93	62.35
		For Cement Mortar Lining (CML), Add	*36.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*66.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*27.56*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*220.45*	
33 14 13 13-0646	EA	6" Tee, Push-On Joint Ductile Iron	641.64	91.62
		For Cement Mortar Lining (CML), Add	*50.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*90.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*37.71*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*301.66*	
33 14 13 13-0647	EA	8" Tee, Push-On Joint Ductile Iron	881.17	111.05
		For Cement Mortar Lining (CML), Add	*71.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*128.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*53.46*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*427.65*	
33 14 13 13-0648	EA	10" Tee, Push-On Joint Ductile Iron	1,307.06	123.67
		For Cement Mortar Lining (CML), Add	*112.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*201.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*84.12*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*672.94*	
33 14 13 13-0649	EA	12" Tee, Push-On Joint Ductile Iron	1,630.79	142.58
		For Cement Mortar Lining (CML), Add	*141.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*254.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*106.08*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*848.63*	
33 14 13 13-0650		**Flanged End x Push-On Joint Ductile Iron Adapters** *(33 14 13 13-0631)*		
33 14 13 13-0651	EA	4" Flanged End x Push-On Joint Adapter, Ductile Iron	473.58	146.62
		For Cement Mortar Lining (CML), Add	*25.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*45.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*18.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0652	EA	6" Flanged End x Push-On Joint Adapter, Ductile Iron	579.79	181.54
		For Cement Mortar Lining (CML), Add	*30.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*54.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*22.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0653	EA	8" Flanged End x Push-On Joint Adapter, Ductile Iron	758.97	211.73
		For Cement Mortar Lining (CML), Add	*43.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*78.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*32.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0654	EA	10" Flanged End x Push-On Joint Adapter, Ductile Iron	1,035.17	306.07
		For Cement Mortar Lining (CML), Add	*57.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*102.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*42.86*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0655	EA	12" Flanged End x Push-On Joint Adapter, Ductile Iron	1,253.80	349.85
		For Cement Mortar Lining (CML), Add	*72.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*130.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*54.29*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0656		**Push-On Joint Ductile Iron Pipe And Fitting Restraints** *(33 14 13 13-0631)*		
		Note: Includes ductile iron follower gland, restraint ring and all nuts and bolts. Excludes pipe and fitting.		
33 14 13 13-0657	EA	4" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	60.01	22.83
33 14 13 13-0658	EA	6" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	78.37	29.78
33 14 13 13-0659	EA	8" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	101.70	30.26
33 14 13 13-0660	EA	10" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	120.81	32.14
33 14 13 13-0661	EA	12" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	144.05	35.70
33 14 13 13-0662		**Push-On Joint Ductile Iron Bell Restraint Harness (MEGALUG® 1700 Series)** *(33 14 13 13-0631)*		
33 14 13 13-0663	EA	4" Bell Restraint Harness, Ductile Iron (MEGALUG® 170400)	259.40	83.47
33 14 13 13-0664	EA	6" Bell Restraint Harness, Ductile Iron (MEGALUG® 170600)	341.41	101.90
33 14 13 13-0665	EA	8" Bell Restraint Harness, Ductile Iron (MEGALUG® 170800)	438.92	124.29
33 14 13 13-0666	EA	10" Bell Restraint Harness, Ductile Iron (MEGALUG® 17100)	658.12	151.61
33 14 13 13-0667	EA	12" Bell Restraint Harness, Ductile Iron (MEGALUG® 171200)	816.01	184.88
33 14 13 13-0668	EA	14" Bell Restraint Harness, Ductile Iron (MEGALUG® 171400)	1,398.00	225.56
33 14 13 13-0669	EA	16" Bell Restraint Harness, Ductile Iron (MEGALUG® 171600)	1,597.70	275.28
33 14 13 13-0670	EA	18" Bell Restraint Harness, Ductile Iron (MEGALUG® 171800)	1,815.94	335.75
33 14 13 13-0671	EA	20" Bell Restraint Harness, Ductile Iron (MEGALUG® 172000)	2,464.05	409.70
33 14 13 13-0672	EA	24" Bell Restraint Harness, Ductile Iron (MEGALUG® 172400)	3,140.66	499.73
33 14 13 23		**Plastic Public Water Utility Distribution Piping** *(33 14 13)*		
		Note: Includes detectable tracer wire.		
33 14 13 23-0001		**Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Piping** *(33 14 13 23)*		
33 14 13 23-0002		**Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe** *(33 14 13 23-0001)*		
33 14 13 23-0003	LF	3/4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	2.62	0.93
		For >1,000, Deduct	*-0.13*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.05*	
33 14 13 23-0004	LF	1" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	2.90	1.00
		For >1,000, Deduct	*-0.15*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.06*	
33 14 13 23-0005	LF	1-1/4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	3.36	1.09
		For >1,000, Deduct	*-0.17*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.10*	
33 14 13 23-0006	LF	1-1/2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	3.89	1.20
		For >1,000, Deduct	*-0.19*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.13*	
33 14 13 23-0007	LF	2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	4.99	1.35
		For >1,000, Deduct	*-0.25*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.24*	
33 14 13 23-0008	LF	2-1/2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	6.40	1.53
		For >1,000, Deduct	*-0.32*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.39*	
33 14 13 23-0009	LF	3" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	7.89	1.75
		For >1,000, Deduct	*-0.39*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.53*	
33 14 13 23-0010	LF	4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	11.13	2.16
		For >1,000, Deduct	*-0.56*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.86*	
33 14 13 23-0011	LF	6" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	19.37	2.74
		For >1,000, Deduct	*-0.97*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*1.88*	
33 14 13 23-0012	LF	8" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	30.38	3.66
		For >1,000, Deduct	*-1.52*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*3.18*	
33 14 13 23-0013	LF	10" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	45.23	4.89
		For >1,000, Deduct	*-2.26*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*4.95*	
33 14 13 23-0014	LF	12" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	62.96	6.58
		For >1,000, Deduct	*-3.15*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*6.98*	
33 14 13 23-0015		**Class 200, SDR 21 Polyvinyl Chloride (PVC), 90 Degree Elbows** *(33 14 13 23-0001)*		
33 14 13 23-0016	EA	3/4", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	28.18	11.13
33 14 13 23-0017	EA	1", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	35.60	13.91
33 14 13 23-0018	EA	1-1/4", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	44.83	17.39
33 14 13 23-0019	EA	1-1/2", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	66.40	19.25
33 14 13 23-0020	EA	2", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	71.96	21.57
33 14 13 23-0021	EA	2-1/2", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	85.03	24.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0022	EA	3", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	96.82	28.05
33 14 13 23-0023	EA	4", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	133.53	34.44
33 14 13 23-0024	EA	6", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	191.14	43.76
33 14 13 23-0025	EA	8", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	306.88	57.44
33 14 13 23-0026	EA	10", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	378.58	76.85
33 14 13 23-0027	EA	12", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	500.80	103.44
33 14 13 23-0028		**Class 200, SDR 21 Polyvinyl Chloride (PVC), 45 Degree Elbows** *(33 14 13 23-0001)*		
33 14 13 23-0029	EA	3/4" Class 200, SDR 21 Polyvinyl Chloride (PVC), 45 Degree Elbow	28.67	11.13
33 14 13 23-0030	EA	1" Class 200, SDR 21 Polyvinyl Chloride (PVC), 45 Degree Elbow	35.95	13.91
33 14 13 23-0031	EA	1-1/4" Class 200, SDR 21 Polyvinyl Chloride (PVC), 45 Degree Elbow	45.04	17.39
33 14 13 23-0032	EA	1-1/2" Class 200, SDR 21 Polyvinyl Chloride (PVC), 45 Degree Elbow	59.98	19.25
33 14 13 23-0033	EA	2" Class 200, SDR 21 Polyvinyl Chloride (PVC), 45 Degree Elbow	72.55	21.57
33 14 13 23-0034	EA	2-1/2" Class 200, SDR 21 Polyvinyl Chloride (PVC), 45 Degree Elbow	87.45	24.46
33 14 13 23-0035	EA	3" Class 200, SDR 21 Polyvinyl Chloride (PVC), 45 Degree Elbow	95.79	28.05
33 14 13 23-0036	EA	4" Class 200, SDR 21 Polyvinyl Chloride (PVC), 45 Degree Elbow	131.32	34.44
33 14 13 23-0037	EA	6" Class 200, SDR 21 Polyvinyl Chloride (PVC), 45 Degree Elbow	186.68	43.76
33 14 13 23-0038	EA	8" Class 200, SDR 21 Polyvinyl Chloride (PVC), 45 Degree Elbow	298.40	57.44
33 14 13 23-0039	EA	10" Class 200, SDR 21 Polyvinyl Chloride (PVC), 45 Degree Elbow	343.42	76.85
33 14 13 23-0040	EA	12" Class 200, SDR 21 Polyvinyl Chloride (PVC), 45 Degree Elbow	452.15	103.44
33 14 13 23-0041		**Class 200, SDR 21 Polyvinyl Chloride (PVC), Tees Or Wyes** *(33 14 13 23-0001)*		
33 14 13 23-0042	EA	3/4" Class 200 SDR 21 Polyvinyl Chloride (PVC), Tee Or Wye	42.23	16.70
33 14 13 23-0043	EA	1" Class 200 SDR 21 Polyvinyl Chloride (PVC), Tee Or Wye	53.30	20.99
33 14 13 23-0044	EA	1-1/4" Class 200 SDR 21 Polyvinyl Chloride (PVC), Tee Or Wye	66.81	26.20
33 14 13 23-0045	EA	1-1/2" Class 200 SDR 21 Polyvinyl Chloride (PVC), Tee Or Wye	91.71	28.99
33 14 13 23-0046	EA	2" Class 200 SDR 21 Polyvinyl Chloride (PVC), Tee Or Wye	104.30	32.23
33 14 13 23-0047	EA	2-1/2" Class 200 SDR 21 Polyvinyl Chloride (PVC), Tee Or Wye	121.28	36.76
33 14 13 23-0048	EA	3" Class 200 SDR 21 Polyvinyl Chloride (PVC), Tee Or Wye	147.95	41.96
33 14 13 23-0049	EA	4" Class 200 SDR 21 Polyvinyl Chloride (PVC), Tee Or Wye	193.75	51.72
33 14 13 23-0050	EA	6" Class 200 SDR 21 Polyvinyl Chloride (PVC), Tee Or Wye	317.42	65.75
33 14 13 23-0051	EA	8" Class 200 SDR 21 Polyvinyl Chloride (PVC), Tee Or Wye	473.38	86.17
33 14 13 23-0052	EA	10" Class 200 SDR 21 Polyvinyl Chloride (PVC), Tee Or Wye	553.63	117.35
33 14 13 23-0053	EA	12" Class 200 SDR 21 Polyvinyl Chloride (PVC), Tee Or Wye	693.58	157.91
33 14 13 23-0054		**Class 200, SDR 21 Polyvinyl Chloride (PVC), Couplings** *(33 14 13 23-0001)*		
33 14 13 23-0055	EA	3/4" Class 200 SDR 21 Polyvinyl Chloride (PVC), Coupling	18.87	7.43
33 14 13 23-0056	EA	1" Class 200 SDR 21 Polyvinyl Chloride (PVC), Coupling	25.46	9.98
33 14 13 23-0057	EA	1-1/4" Class 200 SDR 21 Polyvinyl Chloride (PVC), Coupling	33.96	13.10
33 14 13 23-0058	EA	1-1/2" Class 200 SDR 21 Polyvinyl Chloride (PVC), Coupling	46.87	14.50
33 14 13 23-0059	EA	2" Class 200 SDR 21 Polyvinyl Chloride (PVC), Coupling	51.72	16.12
33 14 13 23-0060	EA	2-1/2" Class 200 SDR 21 Polyvinyl Chloride (PVC), Coupling	58.82	18.32
33 14 13 23-0061	EA	3" Class 200 SDR 21 Polyvinyl Chloride (PVC), Coupling	68.63	20.98
33 14 13 23-0062	EA	4" Class 200 SDR 21 Polyvinyl Chloride (PVC), Coupling	93.64	25.80
33 14 13 23-0063	EA	6" Class 200 SDR 21 Polyvinyl Chloride (PVC), Coupling	133.12	32.87
33 14 13 23-0064	EA	8" Class 200 SDR 21 Polyvinyl Chloride (PVC), Coupling	223.90	43.08
33 14 13 23-0065	EA	10" Class 200 SDR 21 Polyvinyl Chloride (PVC), Coupling	263.01	58.74
33 14 13 23-0066	EA	12" Class 200 SDR 21 Polyvinyl Chloride (PVC), Coupling	335.66	78.96
33 14 13 23-0067		**Schedule 40 Polyvinyl Chloride (PVC) Pipe And Fittings** *(33 14 13 23)*		
33 14 13 23-0068		**Schedule 40 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0067)*		
33 14 13 23-0069	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe	2.87	0.93
		For >1,000, Deduct	*-0.14*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.08*	
33 14 13 23-0070	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe	3.37	1.00
		For >1,000, Deduct	*-0.17*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.13*	
33 14 13 23-0071	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe	4.33	1.20
		For >1,000, Deduct	*-0.22*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.20*	
33 14 13 23-0072	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe	5.15	1.35
		For >1,000, Deduct	*-0.26*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.27*	
33 14 13 23-0073	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe	6.66	1.53
		For >1,000, Deduct	*-0.33*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.43*	
33 14 13 23-0074	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Pipe	8.06	1.75
		For >1,000, Deduct	*-0.40*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.55*	
33 14 13 23-0075	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Pipe	10.68	2.16
		For >1,000, Deduct	*-0.53*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.80*	
33 14 13 23-0076	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Pipe	16.10	2.74
		For >1,000, Deduct	*-0.81*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*1.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0077		**Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows** *(33 14 13 23-0067)*		
33 14 13 23-0078	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbow	28.36	11.13
33 14 13 23-0079	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbow	35.71	13.91
33 14 13 23-0080	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbow	49.64	19.25
33 14 13 23-0081	EA	2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbow	56.04	21.57
33 14 13 23-0082	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbow	67.15	24.46
33 14 13 23-0083	EA	3" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbow	77.26	28.05
33 14 13 23-0084	EA	4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbow	100.79	34.44
33 14 13 23-0085	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbow	156.08	43.76
33 14 13 23-0086		**Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows** *(33 14 13 23-0067)*		
33 14 13 23-0087	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbow	28.31	11.13
33 14 13 23-0088	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbow	35.66	13.91
33 14 13 23-0089	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbow	49.66	19.25
33 14 13 23-0090	EA	2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbow	55.87	21.57
33 14 13 23-0091	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbow	66.70	24.46
33 14 13 23-0092	EA	3" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbow	76.72	28.05
33 14 13 23-0093	EA	4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbow	99.70	34.44
33 14 13 23-0094	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbow	152.63	43.76
33 14 13 23-0095		**Schedule 40 Polyvinyl Chloride (PVC) Tees Or Wyes** *(33 14 13 23-0067)*		
33 14 13 23-0096	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Tee Or Wye	42.42	16.70
33 14 13 23-0097	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Tee Or Wye	53.44	20.99
33 14 13 23-0098	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Tee Or Wye	74.25	28.99
33 14 13 23-0099	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Tee Or Wye	83.48	32.23
33 14 13 23-0100	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Tee Or Wye	100.99	36.76
33 14 13 23-0101	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Tee Or Wye	118.08	41.96
33 14 13 23-0102	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Tee Or Wye	146.77	51.72
33 14 13 23-0103	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Tee Or Wye	237.42	65.75
33 14 13 23-0104		**Schedule 40 Polyvinyl Chloride (PVC) Couplings** *(33 14 13 23-0067)*		
33 14 13 23-0105	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Coupling	18.95	7.43
33 14 13 23-0106	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Coupling	25.53	9.98
33 14 13 23-0107	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Coupling	37.02	14.50
33 14 13 23-0108	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Coupling	41.73	16.12
33 14 13 23-0109	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Coupling	48.90	18.32
33 14 13 23-0110	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Coupling	57.14	20.98
33 14 13 23-0111	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Coupling	70.75	25.80
33 14 13 23-0112	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Coupling	103.36	32.87
33 14 13 23-0113		**Schedule 40 Polyvinyl Chloride (PVC) Crosses** *(33 14 13 23-0067)*		
33 14 13 23-0114	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Cross	56.72	22.27
33 14 13 23-0115	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Cross	71.16	27.94
33 14 13 23-0116	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Cross	98.99	38.62
33 14 13 23-0117	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Cross	111.30	43.02
33 14 13 23-0118	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Cross	134.60	48.94
33 14 13 23-0119	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Cross	157.37	55.99
33 14 13 23-0120	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Cross	195.58	68.88
33 14 13 23-0121	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Cross	316.13	87.62
33 14 13 23-0122		**Schedule 80 Polyvinyl Chloride (PVC) Pipe And Fittings** *(33 14 13 23)*		
33 14 13 23-0123		**Schedule 80 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0122)*		
33 14 13 23-0124	LF	1" Schedule 80 Polyvinyl Chloride (PVC) Pipe	3.64	1.00
		For >1,000, Deduct	*-0.18*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.17*	
33 14 13 23-0125	LF	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pipe	4.87	1.20
		For >1,000, Deduct	*-0.24*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.28*	
33 14 13 23-0126	LF	2" Schedule 80 Polyvinyl Chloride (PVC) Pipe	6.06	1.35
		For >1,000, Deduct	*-0.30*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.41*	
33 14 13 23-0127	LF	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pipe	7.84	1.53
		For >1,000, Deduct	*-0.39*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.60*	
33 14 13 23-0128	LF	3" Schedule 80 Polyvinyl Chloride (PVC) Pipe	9.71	1.75
		For >1,000, Deduct	*-0.49*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.80*	
33 14 13 23-0129	LF	4" Schedule 80 Polyvinyl Chloride (PVC) Pipe	13.21	2.16
		For >1,000, Deduct	*-0.66*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*1.17*	
33 14 13 23-0130	LF	6" Schedule 80 Polyvinyl Chloride (PVC) Pipe	21.74	2.74
		For >1,000, Deduct	*-1.09*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*2.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0131		**Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows** *(33 14 13 23-0122)*		
33 14 13 23-0132	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	37.11	13.91
33 14 13 23-0133	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	49.64	19.25
33 14 13 23-0134	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	57.45	21.57
33 14 13 23-0135	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	70.13	24.46
33 14 13 23-0136	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	80.02	28.05
33 14 13 23-0137	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	101.45	34.44
33 14 13 23-0138	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	152.92	43.76
33 14 13 23-0139		**Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows** *(33 14 13 23-0122)*		
33 14 13 23-0140	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	42.86	13.91
33 14 13 23-0141	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	55.18	19.25
33 14 13 23-0142	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	62.77	21.57
33 14 13 23-0143	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	80.12	24.46
33 14 13 23-0144	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	93.03	28.05
33 14 13 23-0145	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	127.60	34.44
33 14 13 23-0146	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	151.17	43.76
33 14 13 23-0147		**Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes** *(33 14 13 23-0122)*		
33 14 13 23-0148	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	56.38	20.99
33 14 13 23-0149	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	83.19	28.99
33 14 13 23-0150	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	94.13	32.23
33 14 13 23-0151	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	106.63	36.76
33 14 13 23-0152	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	123.48	41.96
33 14 13 23-0153	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	150.66	51.72
33 14 13 23-0154	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	237.28	65.75
33 14 13 23-0155		**Schedule 80 Polyvinyl Chloride (PVC) Couplings** *(33 14 13 23-0122)*		
33 14 13 23-0156	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Coupling	27.63	9.98
33 14 13 23-0157	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Coupling	40.63	14.50
33 14 13 23-0158	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Coupling	45.13	16.12
33 14 13 23-0159	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Coupling	57.63	18.32
33 14 13 23-0160	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Coupling	65.93	20.98
33 14 13 23-0161	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Coupling	81.44	25.80
33 14 13 23-0162	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Coupling	118.29	32.87
33 14 13 23-0163		**Schedule 80 Polyvinyl Chloride (PVC) Crosses** *(33 14 13 23-0122)*		
33 14 13 23-0164	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Cross	75.07	27.94
33 14 13 23-0165	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Cross	110.86	38.62
33 14 13 23-0166	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Cross	125.44	43.02
33 14 13 23-0167	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Cross	142.09	48.94
33 14 13 23-0168	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Cross	164.54	55.99
33 14 13 23-0169	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Cross	200.75	68.88
33 14 13 23-0170	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Cross	315.95	87.62
33 14 13 23-0171		**Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pipe And Fittings** *(33 14 13 23)*		
33 14 13 23-0172		**Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe** *(33 14 13 23-0171)*		
33 14 13 23-0173	LF	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	59.05	3.57
33 14 13 23-0174	LF	10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	84.01	3.83
33 14 13 23-0175	LF	12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	113.43	4.45
33 14 13 23-0176	LF	14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	154.49	5.71
33 14 13 23-0177	LF	16" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	176.81	6.96
33 14 13 23-0178		**Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbows** *(33 14 13 23-0171)*		
33 14 13 23-0179	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	748.85	51.80
33 14 13 23-0180	EA	10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	1,573.96	86.85
33 14 13 23-0181	EA	12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	2,734.89	94.79
33 14 13 23-0182	EA	14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	6,470.52	102.56
33 14 13 23-0183	EA	16" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	8,759.15	110.33
33 14 13 23-0184		**Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbows** *(33 14 13 23-0171)*		
33 14 13 23-0185	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	1,049.17	51.80
33 14 13 23-0186	EA	10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	1,270.99	86.85
33 14 13 23-0187	EA	12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	1,716.70	94.79
33 14 13 23-0188	EA	14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	3,351.82	102.56
33 14 13 23-0189	EA	16" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	4,793.83	110.33
33 14 13 23-0190		**Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tees** *(33 14 13 23-0171)*		
33 14 13 23-0191	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	1,451.22	82.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0192	EA	10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	2,139.74	123.86
33 14 13 23-0193	EA	12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	2,827.90	132.09
33 14 13 23-0194	EA	14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	6,874.89	139.86
33 14 13 23-0195	EA	16" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	9,690.80	147.62
33 14 13 23-0196		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tees *(33 14 13 23-0171)*		
33 14 13 23-0197	EA	8" x 8" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	1,426.16	78.73
33 14 13 23-0198	EA	10" x 10" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	1,555.73	111.77
33 14 13 23-0199	EA	10" x 10" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	1,774.53	117.66
33 14 13 23-0200	EA	12" x 12" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	2,011.90	113.25
33 14 13 23-0201	EA	12" x 12" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	2,233.40	119.21
33 14 13 23-0202	EA	12" x 12" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	2,547.35	125.48
33 14 13 23-0203	EA	14" x 14" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	4,945.93	113.92
33 14 13 23-0204	EA	14" x 14" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	5,328.52	119.92
33 14 13 23-0205	EA	14" x 14" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	5,816.01	126.22
33 14 13 23-0206	EA	14" x 14" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	6,379.22	132.87
33 14 13 23-0207	EA	16" x 16" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	6,006.02	114.23
33 14 13 23-0208	EA	16" x 16" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	6,695.23	120.24
33 14 13 23-0209	EA	16" x 16" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	7,238.11	126.57
33 14 13 23-0210	EA	16" x 16" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	8,074.91	133.23
33 14 13 23-0211	EA	16" x 16" x 14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	8,951.87	140.24
33 14 13 23-0212		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Wyes *(33 14 13 23-0171)*		
33 14 13 23-0213	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Wye	1,465.61	82.88
33 14 13 23-0214	EA	10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Wye	2,471.45	123.86
33 14 13 23-0215	EA	12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Wye	3,341.33	132.09
33 14 13 23-0216	EA	14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Wye	10,818.47	139.86
33 14 13 23-0217	EA	16" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Wye	13,500.34	147.62
33 14 13 23-0218		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wyes *(33 14 13 23-0171)*		
33 14 13 23-0219	EA	8" x 8" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	1,276.55	78.73
33 14 13 23-0220	EA	10" x 10" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	1,777.47	111.77
33 14 13 23-0221	EA	10" x 10" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	2,058.20	117.66
33 14 13 23-0222	EA	12" x 12" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	2,369.01	113.25
33 14 13 23-0223	EA	12" x 12" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	2,499.70	119.21
33 14 13 23-0224	EA	12" x 12" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	3,024.38	125.48
33 14 13 23-0225	EA	14" x 14" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	5,214.40	113.92
33 14 13 23-0226	EA	14" x 14" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	5,632.33	119.92
33 14 13 23-0227	EA	14" x 14" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	6,828.44	132.87
33 14 13 23-0228	EA	16" x 16" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	6,231.95	114.23
33 14 13 23-0229	EA	16" x 16" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	7,205.26	120.24
33 14 13 23-0230	EA	16" x 16" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	8,076.27	126.57
33 14 13 23-0231	EA	16" x 16" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	8,748.99	133.23
33 14 13 23-0232	EA	16" x 16" x 14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	10,937.58	140.24
33 14 13 23-0233		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings *(33 14 13 23-0171)*		
33 14 13 23-0234	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling	680.09	51.80
33 14 13 23-0235	EA	10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling	923.13	86.85
33 14 13 23-0236	EA	12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling	1,277.38	94.79
33 14 13 23-0237	EA	14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling	2,533.39	102.56
33 14 13 23-0238	EA	16" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling	3,772.31	110.33
33 14 13 23-0239		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Couplings *(33 14 13 23-0171)*		
33 14 13 23-0240	EA	8" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	924.25	49.20
33 14 13 23-0241	EA	10" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	679.99	46.74
33 14 13 23-0242	EA	10" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	944.14	82.50
33 14 13 23-0243	EA	12" x 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	1,823.78	78.38
33 14 13 23-0244	EA	12" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	1,700.10	74.46
33 14 13 23-0245	EA	12" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	1,335.39	70.74
33 14 13 23-0246	EA	12" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	842.91	90.04
33 14 13 23-0247	EA	14" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	2,445.77	85.54
33 14 13 23-0248	EA	14" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	2,061.32	81.27
33 14 13 23-0249	EA	14" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	1,783.40	77.19
33 14 13 23-0250	EA	14" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	1,634.84	97.42
33 14 13 23-0251	EA	16" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	3,227.72	92.55
33 14 13 23-0252	EA	16" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	3,644.63	87.92
33 14 13 23-0253	EA	16" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	3,489.31	83.53
33 14 13 23-0254	EA	16" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	3,307.48	79.35
33 14 13 23-0255	EA	16" x 14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	3,024.33	104.81
33 14 13 23-0256		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Couplings *(33 14 13 23-0171)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0257	EA	8" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	820.04	87.92
33 14 13 23-0258	EA	10" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	1,440.57	83.53
33 14 13 23-0259	EA	10" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	1,093.76	83.53
33 14 13 23-0260	EA	12" x 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	2,786.21	79.35
33 14 13 23-0261	EA	12" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	1,879.46	75.38
33 14 13 23-0262	EA	12" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	1,791.79	71.62
33 14 13 23-0263	EA	12" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	1,641.65	79.35
33 14 13 23-0264	EA	14" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	2,987.89	75.38
33 14 13 23-0265	EA	14" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	2,923.81	71.62
33 14 13 23-0266	EA	14" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	2,126.64	68.04
33 14 13 23-0267	EA	14" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	1,974.73	75.38
33 14 13 23-0268	EA	16" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	5,292.32	71.62
33 14 13 23-0269	EA	16" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	5,113.95	68.04
33 14 13 23-0270	EA	16" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	5,014.70	64.64
33 14 13 23-0271	EA	16" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	4,815.84	61.40
33 14 13 23-0272	EA	16" x 14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	4,538.37	99.57
33 14 13 23-0273		**Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Flanges** *(33 14 13 23-0171)*		
33 14 13 23-0274	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Flange	901.89	51.80
33 14 13 23-0275	EA	10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Flange	2,076.53	86.85
33 14 13 23-0276	EA	12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Flange	3,027.07	94.79
33 14 13 23-0277	EA	14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Flange	3,400.37	102.56
33 14 13 23-0278	EA	16" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Flange	4,205.82	110.33
33 14 13 23-0279	EA	8" Ethylene Propylene Diene Monomer (EPDM) Flange Gasket	28.15	
33 14 13 23-0280	EA	10" Ethylene Propylene Diene Monomer (EPDM) Flange Gasket	36.68	
33 14 13 23-0281	EA	12" Ethylene Propylene Diene Monomer (EPDM) Flange Gasket	50.48	
33 14 13 23-0282	EA	14" Ethylene Propylene Diene Monomer (EPDM) Flange Gasket	107.98	
33 14 13 23-0283	EA	16" Ethylene Propylene Diene Monomer (EPDM) Flange Gasket	191.57	
33 14 13 23-0284	EA	Zinc Coated Flange Hardware Kit	179.88	
33 14 13 23-0285		**AWWA C900/C905 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23)*		
		Note: Includes hub on one end of pipe. C900 is available in blue, white, purple or green.		
33 14 13 23-0286		**AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0285)*		
33 14 13 23-0287	LF	4" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	12.27	4.41
33 14 13 23-0288	LF	6" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	17.70	5.36
33 14 13 23-0289	LF	8" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	24.12	6.02
33 14 13 23-0290	LF	10" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	31.60	6.69
33 14 13 23-0291	LF	12" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	40.77	7.49
33 14 13 23-0292		**AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0285)*		
33 14 13 23-0293	LF	4" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	13.50	4.41
33 14 13 23-0294	LF	6" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	20.26	5.36
33 14 13 23-0295	LF	8" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	28.42	6.02
33 14 13 23-0296	LF	10" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	38.29	6.69
33 14 13 23-0297	LF	12" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	50.11	7.49
33 14 13 23-0298		**AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0285)*		
33 14 13 23-0299	LF	4" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	14.71	4.41
33 14 13 23-0300	LF	6" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	22.80	5.36
33 14 13 23-0301	LF	8" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	32.72	6.02
33 14 13 23-0302	LF	10" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	44.83	6.69
33 14 13 23-0303	LF	12" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	59.45	7.49
33 14 13 23-0304		**AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) Fittings** *(33 14 13 23)*		
		Note: Includes rubber gaskets.		
33 14 13 23-0305		**AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 90 Degree Elbows** *(33 14 13 23-0304)*		
33 14 13 23-0306	EA	4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 90 Degree Elbow	217.96	13.91
		For DR 25, Deduct	*-11.41*	
33 14 13 23-0307	EA	6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 90 Degree Elbow	446.34	15.65
		For DR 25, Deduct	*-24.90*	
33 14 13 23-0308	EA	8" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 90 Degree Elbow	670.49	17.39
		For DR 25, Deduct	*-38.14*	
33 14 13 23-0309	EA	10" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 90 Degree Elbow	1,023.51	27.43
		For DR 25, Deduct	*-58.12*	
33 14 13 23-0310	EA	12" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 90 Degree Elbow	1,331.73	45.71
		For DR 25, Deduct	*-74.42*	
33 14 13 23-0311		**AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 45 Degree Elbows** *(33 14 13 23-0304)*		
33 14 13 23-0312	EA	4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 45 Degree Elbow	193.14	13.91
		For DR 25, Deduct	*-9.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0313	EA	6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 45 Degree Elbow	333.75	15.65
		For DR 25, Deduct	*-18.15*	
33 14 13 23-0314	EA	8" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 45 Degree Elbow	422.96	17.39
		For DR 25, Deduct	*-23.29*	
33 14 13 23-0315	EA	10" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 45 Degree Elbow	597.80	27.43
		For DR 25, Deduct	*-32.58*	
33 14 13 23-0316	EA	12" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 45 Degree Elbow	799.04	45.71
		For DR 25, Deduct	*-42.46*	

33 14 13 23-0317 AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 22-1/2 Degree Elbows *(33 14 13 23-0304)*

33 14 13 23-0318	EA	4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 22-1/2 Degree Elbow	190.12	13.91
		For DR 25, Deduct	*-9.74*	
33 14 13 23-0319	EA	6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 22-1/2 Degree Elbow	333.76	15.65
		For DR 25, Deduct	*-18.15*	
33 14 13 23-0320	EA	8" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 22-1/2 Degree Elbow	422.97	17.39
		For DR 25, Deduct	*-23.29*	
33 14 13 23-0321	EA	10" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 22-1/2 Degree Elbow	597.82	27.43
		For DR 25, Deduct	*-32.58*	
33 14 13 23-0322	EA	12" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 22-1/2 Degree Elbow	799.04	45.71
		For DR 25, Deduct	*-42.46*	

33 14 13 23-0323 AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 11-1/4 Degree Elbows *(33 14 13 23-0304)*

33 14 13 23-0324	EA	4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 11-1/4 Degree Elbow	167.89	13.91
		For DR 25, Deduct	*-8.40*	
33 14 13 23-0325	EA	6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 11-1/4 Degree Elbow	333.76	15.65
		For DR 25, Deduct	*-18.15*	
33 14 13 23-0326	EA	8" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 11-1/4 Degree Elbow	422.97	17.39
		For DR 25, Deduct	*-23.29*	
33 14 13 23-0327	EA	10" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 11-1/4 Degree Elbow	597.82	27.43
		For DR 25, Deduct	*-32.58*	
33 14 13 23-0328	EA	12" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 11-1/4 Degree Elbow	799.04	45.71
		For DR 25, Deduct	*-42.46*	

33 14 13 23-0329 AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Tees Or Wyes *(33 14 13 23-0304)*

33 14 13 23-0330	EA	4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Tee Or Wye	259.06	15.65
		For DR 25, Deduct	*-13.67*	
33 14 13 23-0331	EA	6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Tee Or Wye	500.38	17.39
		For DR 25, Deduct	*-27.94*	
33 14 13 23-0332	EA	8" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Tee Or Wye	698.27	19.72
		For DR 25, Deduct	*-39.53*	
33 14 13 23-0333	EA	10" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Tee Or Wye	1,439.25	34.28
		For DR 25, Deduct	*-82.24*	
33 14 13 23-0334	EA	12" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Tee Or Wye	1,756.15	68.56
		For DR 25, Deduct	*-97.14*	

33 14 13 23-0335 AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tees Or Wyes *(33 14 13 23-0304)*

33 14 13 23-0336	EA	6" x 4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	498.21	22.61
		For DR 25, Deduct	*-27.18*	
33 14 13 23-0337	EA	8" x 4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	677.70	24.35
		For DR 25, Deduct	*-37.74*	
33 14 13 23-0338	EA	8" x 6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	694.68	25.22
		For DR 25, Deduct	*-38.65*	
33 14 13 23-0339	EA	10" x 4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	900.93	34.28
		For DR 25, Deduct	*-49.94*	
33 14 13 23-0340	EA	10" x 6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	1,220.38	35.13
		For DR 25, Deduct	*-69.01*	
33 14 13 23-0341	EA	10" x 8" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	1,305.57	35.99
		For DR 25, Deduct	*-74.01*	
33 14 13 23-0342	EA	12" x 4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	1,383.84	52.56
		For DR 25, Deduct	*-76.72*	
33 14 13 23-0343	EA	12" x 6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	1,588.66	53.42
		For DR 25, Deduct	*-88.91*	
33 14 13 23-0344	EA	12" x 8" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	1,685.44	54.27
		For DR 25, Deduct	*-94.61*	
33 14 13 23-0345	EA	12" x 10" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye)	1,717.12	59.41
		For DR 25, Deduct	*-95.90*	

33 14 13 23-0346 AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Cross *(33 14 13 23-0304)*

33 14 13 23-0347	EA	4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Cross	359.33	27.83
		For DR 25, Deduct	*-18.22*	
33 14 13 23-0348	EA	6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Cross	645.40	31.31
		For DR 25, Deduct	*-34.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0349	EA	8" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Cross	893.55	34.79
		For DR 25, Deduct	*-49.44*	
33 14 13 23-0350	EA	10" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Cross	1,822.33	54.85
		For DR 25, Deduct	*-102.76*	
33 14 13 23-0351	EA	12" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Cross	2,161.32	68.56
		For DR 25, Deduct	*-121.45*	
33 14 13 23-0352		AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross *(33 14 13 23-0304)*		
33 14 13 23-0353	EA	6" x 4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	625.83	29.57
		For DR 25, Deduct	*-34.00*	
33 14 13 23-0354	EA	8" x 4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	849.84	31.31
		For DR 25, Deduct	*-47.23*	
33 14 13 23-0355	EA	8" x 6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	871.56	33.05
		For DR 25, Deduct	*-48.33*	
33 14 13 23-0356	EA	10" x 4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	1,306.50	41.13
		For DR 25, Deduct	*-73.45*	
33 14 13 23-0357	EA	10" x 6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	1,523.52	42.85
		For DR 25, Deduct	*-86.27*	
33 14 13 23-0358	EA	10" x 8" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	1,673.69	44.56
		For DR 25, Deduct	*-95.07*	
33 14 13 23-0359	EA	12" x 4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	1,717.77	59.41
		For DR 25, Deduct	*-95.94*	
33 14 13 23-0360	EA	12" x 6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	1,974.47	61.13
		For DR 25, Deduct	*-111.13*	
33 14 13 23-0361	EA	12" x 8" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	2,096.75	62.84
		For DR 25, Deduct	*-118.26*	
33 14 13 23-0362	EA	12" x 10" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	2,143.95	73.13
		For DR 25, Deduct	*-119.86*	
33 14 13 23-0363		AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Couplings *(33 14 13 23-0304)*		
33 14 13 23-0364	EA	4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Coupling	130.23	13.91
		For DR 25, Deduct	*-6.14*	
33 14 13 23-0365	EA	6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Coupling	242.67	15.65
		For DR 25, Deduct	*-12.68*	
33 14 13 23-0366	EA	8" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Coupling	292.08	17.39
		For DR 25, Deduct	*-15.44*	
33 14 13 23-0367	EA	10" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Coupling	414.76	27.43
		For DR 25, Deduct	*-21.59*	
33 14 13 23-0368	EA	12" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Coupling	659.94	34.28
		For DR 25, Deduct	*-35.48*	
33 14 13 23-0369		AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Flanged End x Gasket Joint Adapter *(33 14 13 23-0304)*		
33 14 13 23-0370	EA	4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Flanged End x Gasket Joint Adapter	161.41	13.91
		For DR 25, Deduct	*-8.01*	
33 14 13 23-0371	EA	6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Flanged End x Gasket Joint Adapter	219.27	15.65
		For DR 25, Deduct	*-11.28*	
33 14 13 23-0372	EA	8" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Flanged End x Gasket Joint Adapter	318.74	17.39
		For DR 25, Deduct	*-17.04*	
33 14 13 23-0373	EA	10" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Flanged End x Gasket Joint Adapter	435.55	27.43
		For DR 25, Deduct	*-22.84*	
33 14 13 23-0374	EA	12" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Flanged End x Gasket Joint Adapter	697.94	45.71
		For DR 25, Deduct	*-36.39*	
33 14 13 26		**Galvanized Steel Public Water Utility Distribution Piping** *(33 14 13)*		
		See CSI section 22 11 16 00-0013 for galvanized steel pipe.		
33 14 13 36		**Steel Public Water Utility Distribution Piping** *(33 14 13)*		
33 14 13 36-0001		Steel Piping *(33 14 13 36)*		
33 14 13 36-0002		Welded, Plain End, Uncoated Steel Piping *(33 14 13 36-0001)*		
		Note: ASTM A252 steel pipe. See CSI section 33 14 13 43-0001 for pipe coatings, 33 14 13 43-0073 for pipe linings.		
33 14 13 36-0003		Up To 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Piping *(33 14 13 36-0002)*		
33 14 13 36-0004	LF	8" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	115.29	31.53
		For <100, Add	*12.93*	
		For >1,000, Deduct	*-5.76*	
33 14 13 36-0005	LF	8" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	136.79	31.53
		For <100, Add	*14.01*	
		For >1,000, Deduct	*-6.84*	
33 14 13 36-0006	LF	10" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	136.65	34.39
		For <100, Add	*14.65*	
		For >1,000, Deduct	*-6.83*	
33 14 13 36-0007	LF	10" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	163.83	34.39
		For <100, Add	*16.01*	
		For >1,000, Deduct	*-8.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 36-0008	LF	12" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	164.49	36.03
		For <100, Add	*16.41*	
		For >1,000, Deduct	*-8.22*	
33 14 13 36-0009	LF	12" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	185.63	36.03
		For <100, Add	*17.47*	
		For >1,000, Deduct	*-9.28*	

33 14 13 36-0010 Flexible Couplings (Dresser Style 38) *(33 14 13 36-0001)*

33 14 13 36-0011	EA	2" Diameter x 5" Length, Dresser Coupling For Plain End Welded Steel Pipe	161.53	29.84
		For 7" Length, Add	*10.41*	
33 14 13 36-0012	EA	3" Diameter x 5" Length, Dresser Coupling For Plain End Welded Steel Pipe	223.50	57.39
		For 7" Length, Add	*10.87*	
33 14 13 36-0013	EA	4" Diameter x 5" Length, Dresser Coupling For Plain End Welded Steel Pipe	297.29	75.75
		For 7" Length, Add	*14.43*	
33 14 13 36-0014	EA	6" Diameter x 5" Length, Dresser Coupling For Plain End Welded Steel Pipe	481.00	114.77
		For 7" Length, Add	*25.15*	
33 14 13 36-0015	EA	8" Diameter x 5" Length, Dresser Coupling For Plain End Welded Steel Pipe	636.09	144.61
		For 7" Length, Add	*34.92*	
33 14 13 36-0016	EA	10" Diameter x 5" Length, Dresser Coupling For Plain End Welded Steel Pipe	914.96	185.50
		For 7" Length, Add	*54.40*	
33 14 13 36-0017	EA	12" Diameter x 5" Length, Dresser Coupling For Plain End Welded Steel Pipe	1,077.84	232.49
		For 7" Length, Add	*61.41*	

33 14 13 39 Copper Public Water Utility Distribution Piping *(33 14 13)*

33 14 13 39-0001 Type L Copper Water Distribution Piping *(33 14 13 39)*

33 14 13 39-0002	LF	1/2" Type L Copper Water Distribution Pipe	9.91	2.21
33 14 13 39-0003	LF	3/4" Type L Copper Water Distribution Pipe	13.06	2.48
33 14 13 39-0004	LF	1" Type L Copper Water Distribution Pipe	17.51	2.76
33 14 13 39-0005	LF	1-1/4" Type L Copper Water Distribution Pipe	22.25	3.31
33 14 13 39-0006	LF	1-1/2" Type L Copper Water Distribution Pipe	27.71	4.42
33 14 13 39-0007	LF	2" Type L Copper Water Distribution Pipe	41.67	5.52
33 14 13 39-0008	LF	2-1/2" Type L Copper Water Distribution Pipe	51.88	6.63
33 14 13 39-0009	LF	3" Type L Copper Water Distribution Pipe	66.14	7.29
33 14 13 39-0010	LF	3-1/2" Type L Copper Water Distribution Pipe	88.57	9.17
33 14 13 39-0011	LF	4" Type L Copper Water Distribution Pipe	117.51	11.59
33 14 13 39-0012	LF	5" Type L Copper Water Distribution Pipe	194.25	14.47
33 14 13 39-0013	LF	6" Type L Copper Water Distribution Pipe	252.29	17.45
33 14 13 39-0014	LF	8" Type L Copper Water Distribution Pipe	446.66	19.54

33 14 13 39-0015 Type K Copper Water Distribution Piping *(33 14 13 39)*

33 14 13 39-0016	LF	1/2" Type K Copper Water Distribution Pipe	10.72	2.21
33 14 13 39-0017	LF	3/4" Type K Copper Water Distribution Pipe	15.90	2.48
33 14 13 39-0018	LF	1" Type K Copper Water Distribution Pipe	20.34	2.76
33 14 13 39-0019	LF	1-1/4" Type K Copper Water Distribution Pipe	24.00	3.31
33 14 13 39-0020	LF	1-1/2" Type K Copper Water Distribution Pipe	30.30	4.42
33 14 13 39-0021	LF	2" Type K Copper Water Distribution Pipe	45.16	5.52
33 14 13 39-0022	LF	2-1/2" Type K Copper Water Distribution Pipe	61.54	6.63
33 14 13 39-0023	LF	3" Type K Copper Water Distribution Pipe	80.63	7.29
33 14 13 39-0024	LF	3-1/2" Type K Copper Water Distribution Pipe	105.60	9.17
33 14 13 39-0025	LF	4" Type K Copper Water Distribution Pipe	143.35	11.59
33 14 13 39-0026	LF	5" Type K Copper Water Distribution Pipe	247.71	14.47
33 14 13 39-0027	LF	6" Type K Copper Water Distribution Pipe	348.43	17.45
33 14 13 39-0028	LF	8" Type K Copper Water Distribution Pipe	624.10	19.54

33 14 13 43 Public Water Utility Distribution Piping Coatings and Wraps *(33 14 13)*

33 14 13 43-0001 Pipe Coatings *(33 14 13 43)*

33 14 13 43-0002 Epoxy Wrap And Pipe Coating *(33 14 13 43-0001)*

Note: Applied at fabrication shop.

33 14 13 43-0003	LF	8" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	3.95
33 14 13 43-0004	LF	10" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	4.70
33 14 13 43-0005	LF	12" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	5.55
33 14 13 43-0006	LF	14" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	7.37
33 14 13 43-0007	LF	16" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	8.41
33 14 13 43-0008	LF	18" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	8.84
33 14 13 43-0009	LF	20" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	9.52
33 14 13 43-0010	LF	24" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	11.09
33 14 13 43-0011	LF	30" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	14.56
33 14 13 43-0012	LF	36" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	23.01
33 14 13 43-0013	LF	42" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	49.59
33 14 13 43-0014	LF	48" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	56.68
33 14 13 43-0015	LF	54" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	63.76
33 14 13 43-0016	LF	60" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	70.85
33 14 13 43-0017	LF	66" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	77.93
33 14 13 43-0018	LF	72" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	84.98
33 14 13 43-0019	LF	78" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	92.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 43-0020	LF	84" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	99.18	
33 14 13 43-0021	LF	90" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	106.27	
33 14 13 43-0022	LF	96" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	113.35	
33 14 13 43-0023	LF	102" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	120.40	
33 14 13 43-0024	LF	108" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	127.56	
33 14 13 43-0025	LF	114" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	134.53	
33 14 13 43-0026	LF	120" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	141.69	
33 14 13 43-0027	LF	126" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	148.85	
33 14 13 43-0028	LF	132" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	155.64	
33 14 13 43-0029	LF	138" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	162.80	
33 14 13 43-0030	LF	144" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	169.96	
33 14 13 43-0031		**Cement Coating With Fiberglass Or Wire Mesh Reinforcing** *(33 14 13 43-0001)*		
		Note: Applied at fabrication shop. Thickness ranging between 1" and 2".		
33 14 13 43-0032	LF	4" Diameter Cement Coated Pipe 1" To 2" Mesh	9.43	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0033	LF	6" Diameter Cement Coated Pipe 1" To 2" Mesh	11.61	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0034	LF	8" Diameter Cement Coated Pipe 1" To 2" Mesh	14.52	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0035	LF	10" Diameter Cement Coated Pipe 1" To 2" Mesh	16.17	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0036	LF	12" Diameter Cement Coated Pipe 1" To 2" Mesh	18.26	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0037	LF	14" Diameter Cement Coated Pipe 1" To 2" Mesh	21.37	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0038	LF	16" Diameter Cement Coated Pipe 1" To 2" Mesh	24.28	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0039	LF	18" Diameter Cement Coated Pipe 1" To 2" Mesh	27.39	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0040	LF	20" Diameter Cement Coated Pipe 1" To 2" Mesh	30.44	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0041	LF	24" Diameter Cement Coated Pipe 1" To 2" Mesh	36.52	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0042	LF	30" Diameter Cement Coated Pipe 1" To 2" Mesh	45.65	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0043	LF	36" Diameter Cement Coated Pipe 1" To 2" Mesh	54.78	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0044	LF	42" Diameter Cement Coated Pipe 1" To 2" Mesh	63.91	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0045	LF	48" Diameter Cement Coated Pipe 1" To 2" Mesh	73.04	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0046	LF	54" Diameter Cement Coated Pipe 1" To 2" Mesh	82.17	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0047	LF	60" Diameter Cement Coated Pipe 1" To 2" Mesh	91.30	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0048	LF	66" Diameter Cement Coated Pipe 1" To 2" Mesh	100.43	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0049	LF	72" Diameter Cement Coated Pipe 1" To 2" Mesh	109.56	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0050	LF	78" Diameter Cement Coated Pipe 1" To 2" Mesh	118.69	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0051	LF	84" Diameter Cement Coated Pipe 1" To 2" Mesh	127.82	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0052	LF	90" Diameter Cement Coated Pipe 1" To 2" Mesh	136.95	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0053	LF	96" Diameter Cement Coated Pipe 1" To 2" Mesh	146.08	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0054	LF	102" Diameter Cement Coated Pipe 1" To 2" Mesh	155.21	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0055	LF	108" Diameter Cement Coated Pipe 1" To 2" Mesh	164.34	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0056	LF	114" Diameter Cement Coated Pipe 1" To 2" Mesh	173.47	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0057	LF	120" Diameter Cement Coated Pipe 1" To 2" Mesh	182.60	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0058	LF	126" Diameter Cement Coated Pipe 1" To 2" Mesh	191.73	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0059	LF	132" Diameter Cement Coated Pipe 1" To 2" Mesh	200.87	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0060	LF	138" Diameter Cement Coated Pipe 1" To 2" Mesh	210.00	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0061	LF	144" Diameter Cement Coated Pipe 1" To 2" Mesh	219.13	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0062		**Epoxy Wrap And Fitting Coating** *(33 14 13 43-0001)*		
		Note: Applied at fabrication shop.		
33 14 13 43-0063	EA	4" Outside Diameter, Epoxy Wrap And Fitting Coating	11.34	
		For 1/2" Thick, Add	*0.59*	
33 14 13 43-0064	EA	6" Outside Diameter, Epoxy Wrap And Fitting Coating	14.43	
		For 1/2" Thick, Add	*0.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 43-0065	EA	8" Outside Diameter, Epoxy Wrap And Fitting Coating	20.84	
		For 1/2" Thick, Add	*1.03*	
33 14 13 43-0066	EA	10" Outside Diameter, Epoxy Wrap And Fitting Coating	34.76	
		For 1/2" Thick, Add	*1.50*	
33 14 13 43-0067	EA	12" Outside Diameter, Epoxy Wrap And Fitting Coating	53.00	
		For 1/2" Thick, Add	*2.22*	
33 14 13 43-0068	EA	14" Outside Diameter, Epoxy Wrap And Fitting Coating	82.95	
		For 1/2" Thick, Add	*3.39*	
33 14 13 43-0069	EA	16" Outside Diameter, Epoxy Wrap And Fitting Coating	126.62	
		For 1/2" Thick, Add	*4.37*	
33 14 13 43-0070	EA	18" Outside Diameter, Epoxy Wrap And Fitting Coating	171.08	
		For 1/2" Thick, Add	*4.51*	
33 14 13 43-0071	EA	20" Outside Diameter, Epoxy Wrap And Fitting Coating	232.43	
		For 1/2" Thick, Add	*5.39*	
33 14 13 43-0072	EA	24" Outside Diameter, Epoxy Wrap And Fitting Coating	337.72	
		For 1/2" Thick, Add	*7.54*	

33 14 13 43-0073 Cement Pipe Lining *(33 14 13 43)*

33 14 13 43-0074 Cement Pipe Lining *(33 14 13 43-0073)*

Note: Shop applied.

33 14 13 43-0075	LF	4" Outside Diameter, 1/4" Thick Cement Pipe Lining	14.67	
		For 1/2" Thick, Add	*1.26*	
33 14 13 43-0076	LF	6" Outside Diameter, 1/4" Thick Cement Pipe Lining	18.22	
		For 1/2" Thick, Add	*1.55*	
33 14 13 43-0077	LF	8" Outside Diameter, 1/4" Thick Cement Pipe Lining	22.25	
		For 1/2" Thick, Add	*1.94*	
33 14 13 43-0078	LF	10" Outside Diameter, 1/4" Thick Cement Pipe Lining	28.86	
		For 1/2" Thick, Add	*2.42*	
33 14 13 43-0079	LF	12" Outside Diameter, 1/4" Thick Cement Pipe Lining	35.50	
		For 1/2" Thick, Add	*2.91*	
33 14 13 43-0080	LF	14" Outside Diameter, 1/4" Thick Cement Pipe Lining	45.32	
		For 1/2" Thick, Add	*3.41*	
33 14 13 43-0081	LF	16" Outside Diameter, 1/4" Thick Cement Pipe Lining	58.63	
		For 1/2" Thick, Add	*3.87*	
33 14 13 43-0082	LF	18" Outside Diameter, 5/16" Thick Cement Pipe Lining	70.01	
		For 1/2" Thick, Add	*3.71*	
33 14 13 43-0083	LF	20" Outside Diameter, 5/16" Thick Cement Pipe Lining	84.50	
		For 1/2" Thick, Add	*4.12*	
33 14 13 43-0084	LF	24" Outside Diameter, 5/16" Thick Cement Pipe Lining	102.43	
		For 1/2" Thick, Add	*4.95*	
33 14 13 43-0085	LF	30" Outside Diameter, 5/16" Thick Cement Pipe Lining	123.32	
		For 1/2" Thick, Add	*6.18*	
33 14 13 43-0086	LF	36" Outside Diameter, 5/16" Thick Cement Pipe Lining	148.41	
		For 1/2" Thick, Add	*7.42*	
33 14 13 43-0087	LF	42" Outside Diameter, 3/8" Thick Cement Pipe Lining	173.19	
		For 1/2" Thick, Add	*6.37*	
33 14 13 43-0088	LF	48" Outside Diameter, 3/8" Thick Cement Pipe Lining	197.84	
		For 1/2" Thick, Add	*7.27*	
33 14 13 43-0089	LF	54" Outside Diameter, 3/8" Thick Cement Pipe Lining	222.62	
		For 1/2" Thick, Add	*8.18*	
33 14 13 43-0090	LF	60" Outside Diameter, 3/8" Thick Cement Pipe Lining	247.39	
		For 1/2" Thick, Add	*9.09*	
33 14 13 43-0091	LF	66" Outside Diameter, 7/16" Thick Cement Pipe Lining	272.06	
		For 1/2" Thick, Add	*5.33*	
33 14 13 43-0092	LF	72" Outside Diameter, 7/16" Thick Cement Pipe Lining	296.83	
		For 1/2" Thick, Add	*5.82*	
33 14 13 43-0093	LF	78" Outside Diameter, 7/16" Thick Cement Pipe Lining	321.59	
		For 1/2" Thick, Add	*6.30*	
33 14 13 43-0094	LF	84" Outside Diameter, 7/16" Thick Cement Pipe Lining	346.26	
		For 1/2" Thick, Add	*6.79*	
33 14 13 43-0095	LF	90" Outside Diameter, 7/16" Thick Cement Pipe Lining	371.03	
		For 1/2" Thick, Add	*7.27*	
33 14 13 43-0096	LF	96" Outside Diameter, 1/2" Thick Cement Pipe Lining	395.80	
33 14 13 43-0097	LF	102" Outside Diameter, 1/2" Thick Cement Pipe Lining	420.46	
33 14 13 43-0098	LF	108" Outside Diameter, 1/2" Thick Cement Pipe Lining	445.24	
33 14 13 43-0099	LF	114" Outside Diameter, 1/2" Thick Cement Pipe Lining	470.00	
33 14 13 43-0100	LF	120" Outside Diameter, 1/2" Thick Cement Pipe Lining	494.67	
33 14 13 43-0101	LF	126" Outside Diameter, 1/2" Thick Cement Pipe Lining	519.44	
33 14 13 43-0102	LF	132" Outside Diameter, 1/2" Thick Cement Pipe Lining	544.21	
33 14 13 43-0103	LF	138" Outside Diameter, 1/2" Thick Cement Pipe Lining	568.88	
33 14 13 43-0104	LF	144" Outside Diameter, 1/2" Thick Cement Pipe Lining	593.65	

33 14 13 43-0105 Cement Fitting Lining *(33 14 13 43-0073)*

Note: Shop applied.

33 14 13 43-0106	EA	4" Outside Diameter, 1/4" Thick Cement Fitting Lining	15.64	
		For 1/2" Thick, Add	*1.45*	
33 14 13 43-0107	EA	6" Outside Diameter, 1/4" Thick Cement Fitting Lining	20.16	
		For 1/2" Thick, Add	*1.94*	
33 14 13 43-0108	EA	8" Outside Diameter, 1/4" Thick Cement Fitting Lining	28.29	
		For 1/2" Thick, Add	*2.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 43-0109	EA	10" Outside Diameter, 1/4" Thick Cement Fitting Lining	46.59	
		For 1/2" Thick, Add	*3.87*	
33 14 13 43-0110	EA	12" Outside Diameter, 1/4" Thick Cement Fitting Lining	71.01	
		For 1/2" Thick, Add	*5.82*	
33 14 13 43-0111	EA	14" Outside Diameter, 1/4" Thick Cement Fitting Lining	105.16	
		For 1/2" Thick, Add	*7.83*	
33 14 13 43-0112	EA	16" Outside Diameter, 1/4" Thick Cement Fitting Lining	155.05	
		For 1/2" Thick, Add	*10.06*	
33 14 13 43-0113	EA	18" Outside Diameter, 5/16" Thick Cement Fittings Lining	210.04	
		For 1/2" Thick, Add	*11.13*	
33 14 13 43-0114	EA	20" Outside Diameter, 5/16" Thick Cement Fitting Lining	281.51	
		For 1/2" Thick, Add	*13.73*	
33 14 13 43-0115	EA	24" Outside Diameter, 5/16" Thick Cement Fitting Lining	409.74	
		For 1/2" Thick, Add	*19.79*	

33 14 13 43-0116 8 Mil Polyethylene Encasement Tubing *(33 14 13 43)*

Note: ANSI/AWWA C105/A21.5-99 section 4.2.

33 14 13 43-0117	LF	3" To 8" Diameter, 8 Mil Polyethylene Encasement Tubing	1.08	
33 14 13 43-0118	LF	10" To 12" Diameter, 8 Mil Polyethylene Encasement Tubing	1.80	
33 14 13 43-0119	LF	14" To 16" Diameter, 8 Mil Polyethylene Encasement Tubing	2.25	
33 14 13 43-0120	LF	18" To 20" Diameter, 8 Mil Polyethylene Encasement Tubing	2.86	
33 14 13 43-0121	LF	24" Diameter, 8 Mil Polyethylene Encasement Tubing	3.95	

33 14 13 53 Public Water Utility Distribution Piping Saddles And Adapters *(33 14 13)*

33 14 13 53-0001 Double Stud Stainless Steel Service Saddles *(33 14 13 53)*

Note: 1/2" listed taps are compression, 3/4" to 2" are either compression or NPT.

33 14 13 53-0002	EA	4" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	280.80	
33 14 13 53-0003	EA	4" Diameter x 1-1/4" Or 1-1/2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	387.22	
33 14 13 53-0004	EA	4" Diameter x 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	400.79	
33 14 13 53-0005	EA	6" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	333.50	
33 14 13 53-0006	EA	6" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	416.38	
33 14 13 53-0007	EA	8" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	349.00	
33 14 13 53-0008	EA	8" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	436.33	
33 14 13 53-0009	EA	10" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	391.42	
33 14 13 53-0010	EA	10" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	459.71	
33 14 13 53-0011	EA	12" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	408.61	
33 14 13 53-0012	EA	12" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	471.06	

33 14 13 53-0013 Double Bale Epoxy Coated Ductile Iron Body Service Saddles *(33 14 13 53)*

Note: Electro-galvanized steel bales. 5/8" listed taps are compression. 3/4" to 2" are either compression or NPT. 2-1/2", 3" or 4" are NPT.

33 14 13 53-0014	EA	1-1/4" To 1-1/2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	240.12	
33 14 13 53-0015	EA	2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	240.27	
33 14 13 53-0016	EA	2" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	255.70	
33 14 13 53-0017	EA	2-1/2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	243.88	
33 14 13 53-0018	EA	3" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	260.86	
33 14 13 53-0019	EA	3" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	287.41	
33 14 13 53-0020	EA	3" Diameter x 2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	305.54	
33 14 13 53-0021	EA	4" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	280.31	
33 14 13 53-0022	EA	4" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	307.07	
33 14 13 53-0023	EA	4" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	322.80	
33 14 13 53-0024	EA	5" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	295.86	
33 14 13 53-0025	EA	5" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	323.42	
33 14 13 53-0026	EA	5" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	339.09	
33 14 13 53-0027	EA	6" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	311.89	
33 14 13 53-0028	EA	6" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	338.71	
33 14 13 53-0029	EA	6" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	354.18	
33 14 13 53-0030	EA	6" Diameter x 3" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	503.89	
33 14 13 53-0031	EA	6" Diameter x 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	517.44	
33 14 13 53-0032	EA	8" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	336.79	
33 14 13 53-0033	EA	8" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	368.83	
33 14 13 53-0034	EA	8" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	383.32	
33 14 13 53-0035	EA	8" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	593.12	
33 14 13 53-0036	EA	10" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	374.71	
33 14 13 53-0037	EA	10" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	412.83	
33 14 13 53-0038	EA	10" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	659.26	
33 14 13 53-0039	EA	12" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	406.22	
33 14 13 53-0040	EA	12" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	446.42	
33 14 13 53-0041	EA	12" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	462.71	
33 14 13 53-0042	EA	12" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	732.56	
33 14 13 53-0043	EA	14" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	469.55	
33 14 13 53-0044	EA	14" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	501.43	
33 14 13 53-0045	EA	14" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	538.48	
33 14 13 53-0046	EA	14" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	891.90	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 53-0047	EA	15" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	483.12	
33 14 13 53-0048	EA	15" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	546.10	
33 14 13 53-0049	EA	15" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	568.76	
33 14 13 53-0050	EA	15" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	956.86	
33 14 13 53-0051	EA	16" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	504.67	
33 14 13 53-0052	EA	16" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	569.90	
33 14 13 53-0053	EA	16" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	593.11	
33 14 13 53-0054	EA	16" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	995.49	
33 14 13 53-0055	EA	18" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	555.75	
33 14 13 53-0056	EA	18" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	639.06	
33 14 13 53-0057	EA	20" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	628.86	
33 14 13 53-0058	EA	20" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	694.61	
33 14 13 53-0059	EA	24" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	656.44	
33 14 13 53-0060	EA	24" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	738.31	
33 14 13 53-0061		**Double Bale Bronze Service Saddles** *(33 14 13 53)*		
33 14 13 53-0062	EA	4" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	325.86	
33 14 13 53-0063	EA	4" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	355.27	
33 14 13 53-0064	EA	6" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	369.91	
33 14 13 53-0065	EA	6" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	399.59	
33 14 13 53-0066	EA	8" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	410.20	
33 14 13 53-0067	EA	8" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	431.07	
33 14 13 53-0068	EA	10" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	400.34	
33 14 13 53-0069	EA	10" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	425.24	
33 14 13 53-0070	EA	12" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	499.90	
33 14 13 53-0071	EA	12" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	539.22	
33 14 13 53-0072	EA	14" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	734.55	
33 14 13 53-0073	EA	14" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	826.38	
33 14 13 53-0074	EA	16" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	851.25	
33 14 13 53-0075	EA	16" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	946.87	
33 14 13 53-0076		**Stainless Steel Double Straps, Bronze Body Service Saddle** *(33 14 13 53)*		
		Note: Taps are compression or NPT.		
33 14 13 53-0077	EA	4" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	340.93	
33 14 13 53-0078	EA	4" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	374.29	
33 14 13 53-0079	EA	6" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	387.71	
33 14 13 53-0080	EA	6" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	419.92	
33 14 13 53-0081	EA	8" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	432.20	
33 14 13 53-0082	EA	8" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	454.25	
33 14 13 53-0083	EA	10" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	484.21	
33 14 13 53-0084	EA	10" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	517.39	
33 14 13 53-0085	EA	12" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	520.06	
33 14 13 53-0086	EA	12" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	561.98	
33 14 13 53-0087	EA	14" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	784.51	
33 14 13 53-0088	EA	14" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	897.03	
33 14 13 53-0089	EA	16" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	910.53	
33 14 13 53-0090	EA	16" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	989.89	
33 14 13 53-0091		**Ductile Iron Mechanical Joint Tapping Sleeve** *(33 14 13 53)*		
33 14 13 53-0092	EA	4" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	1,481.98	
33 14 13 53-0093	EA	6" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	1,791.42	
33 14 13 53-0094	EA	8" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	2,137.83	
33 14 13 53-0095	EA	8" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	2,258.49	
33 14 13 53-0096	EA	10" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,382.55	
33 14 13 53-0097	EA	10" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,550.03	
33 14 13 53-0098	EA	10" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,623.83	
33 14 13 53-0099	EA	12" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,585.97	
33 14 13 53-0100	EA	12" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,752.80	
33 14 13 53-0101	EA	12" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	4,154.35	
33 14 13 53-0102	EA	12" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	4,258.84	
33 14 13 53-0103	EA	14" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,027.64	
33 14 13 53-0104	EA	14" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,215.69	
33 14 13 53-0105	EA	14" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,302.14	
33 14 13 53-0106	EA	14" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,341.28	
33 14 13 53-0107	EA	14" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,609.97	
33 14 13 53-0108	EA	16" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,603.44	
33 14 13 53-0109	EA	16" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,630.57	
33 14 13 53-0110	EA	16" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,840.32	
33 14 13 53-0111	EA	16" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,892.41	
33 14 13 53-0112	EA	16" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,949.39	
33 14 13 53-0113	EA	16" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	12,082.68	
33 14 13 53-0114	EA	16" Diameter x 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	8,340.21	
33 14 13 53-0115	EA	18" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	10,533.94	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 53-0116	EA	18" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,003.21	
33 14 13 53-0117	EA	18" Diameter x 8", 10", 12" Or 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,144.80	
33 14 13 53-0118	EA	18" Diameter x 18" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,562.54	
33 14 13 53-0119	EA	20" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,905.14	
33 14 13 53-0120	EA	20" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,554.71	
33 14 13 53-0121	EA	20" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,735.83	
33 14 13 53-0122	EA	20" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,808.65	
33 14 13 53-0123	EA	20" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	10,157.73	
33 14 13 53-0124	EA	20" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	13,645.58	
33 14 13 53-0125	EA	20" Diameter x 16", 18" Or 20" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	13,918.88	
33 14 13 53-0126	EA	24" Diameter x 4", 6" Or 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,948.63	
33 14 13 53-0127	EA	24" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	12,116.20	
33 14 13 53-0128	EA	24" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	12,165.70	
33 14 13 53-0129	EA	24" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	16,738.01	
33 14 13 53-0130	EA	24" Diameter x 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	16,956.22	
33 14 13 53-0131	EA	24" Diameter x 18" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	17,010.47	
33 14 13 53-0132	EA	24" Diameter x 20" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	17,474.58	
33 14 13 53-0133	EA	24" Diameter x 24" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	17,698.67	

33 14 13 53-0134 Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve *(33 14 13 53)*

33 14 13 53-0135	EA	4" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,220.20	
33 14 13 53-0136	EA	6" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,303.27	
33 14 13 53-0137	EA	6" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,421.21	
33 14 13 53-0138	EA	8" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,468.38	
33 14 13 53-0139	EA	8" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,528.79	
33 14 13 53-0140	EA	8" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,746.27	
33 14 13 53-0141	EA	10" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,606.16	
33 14 13 53-0142	EA	10" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,665.06	
33 14 13 53-0143	EA	10" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,856.63	
33 14 13 53-0144	EA	10" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,529.46	
33 14 13 53-0145	EA	12" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,810.78	
33 14 13 53-0146	EA	12" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,895.66	
33 14 13 53-0147	EA	12" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,084.22	
33 14 13 53-0148	EA	12" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,687.31	
33 14 13 53-0149	EA	12" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,922.92	
33 14 13 53-0150	EA	14" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,362.23	
33 14 13 53-0151	EA	14" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,433.01	
33 14 13 53-0152	EA	14" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,833.98	
33 14 13 53-0153	EA	14" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,330.35	
33 14 13 53-0154	EA	14" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,654.23	
33 14 13 53-0155	EA	16" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,798.12	
33 14 13 53-0156	EA	16" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,871.08	
33 14 13 53-0157	EA	16" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,137.59	
33 14 13 53-0158	EA	16" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,846.15	
33 14 13 53-0159	EA	16" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,016.05	
33 14 13 53-0160	EA	18" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,980.10	
33 14 13 53-0161	EA	18" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,109.69	
33 14 13 53-0162	EA	18" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,288.49	
33 14 13 53-0163	EA	18" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,121.71	
33 14 13 53-0164	EA	18" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,291.41	
33 14 13 53-0165	EA	20" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,584.78	
33 14 13 53-0166	EA	20" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,657.60	
33 14 13 53-0167	EA	20" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,054.88	
33 14 13 53-0168	EA	20" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,724.47	
33 14 13 53-0169	EA	20" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	5,010.43	
33 14 13 53-0170	EA	24" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,875.85	
33 14 13 53-0171	EA	24" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,031.62	
33 14 13 53-0172	EA	24" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,240.84	
33 14 13 53-0173	EA	24" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	5,189.89	
33 14 13 53-0174	EA	24" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	5,366.70	

33 14 13 53-0175 Stainless Steel Flange, Stainless Steel Tapping Sleeve *(33 14 13 53)*

33 14 13 53-0176	EA	4" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,401.25	
33 14 13 53-0177	EA	6" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,531.94	
33 14 13 53-0178	EA	6" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,620.47	
33 14 13 53-0179	EA	8" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,659.66	
33 14 13 53-0180	EA	8" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,761.15	
33 14 13 53-0181	EA	8" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,057.99	
33 14 13 53-0182	EA	10" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,902.29	
33 14 13 53-0183	EA	10" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,014.48	
33 14 13 53-0184	EA	10" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,280.88	
33 14 13 53-0185	EA	10" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,048.63	
33 14 13 53-0186	EA	12" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,174.32	
33 14 13 53-0187	EA	12" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,326.08	
33 14 13 53-0188	EA	12" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,676.98	
33 14 13 53-0189	EA	12" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,133.20	
33 14 13 53-0190	EA	12" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,482.73	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 53-0191		**Ductile Iron Body, Flanged Coupling Adapter** *(33 14 13 53)*		
33 14 13 53-0192	EA	3" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	343.07	66.90
33 14 13 53-0193	EA	4" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	429.95	84.34
33 14 13 53-0194	EA	6" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	566.34	116.34
33 14 13 53-0195	EA	8" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	731.37	136.70
33 14 13 53-0196	EA	10" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	1,137.38	154.15
33 14 13 53-0197	EA	12" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	1,271.04	174.52
33 14 13 53-0198		**Steel Body, Flanged Coupling Adapter** *(33 14 13 53)*		
33 14 13 53-0199	EA	3" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	494.93	66.90
33 14 13 53-0200	EA	4" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	586.21	84.34
33 14 13 53-0201	EA	6" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	783.40	116.34
33 14 13 53-0202	EA	8" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	957.28	136.70
33 14 13 53-0203	EA	10" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	1,166.36	154.15
33 14 13 53-0204	EA	12" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	1,358.19	174.52
33 14 13 53-0205		**Ductile Iron Body, Omni Coupling System** *(33 14 13 53)*		
33 14 13 53-0206	EA	2" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	158.16	46.54
33 14 13 53-0207	EA	2-1/2" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	194.69	55.27
33 14 13 53-0208	EA	3" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	240.74	66.90
33 14 13 53-0209	EA	4" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	302.39	84.34
33 14 13 53-0210	EA	6" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	404.15	116.34
33 14 13 53-0211	EA	8" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	490.15	136.70
33 14 13 53-0212	EA	10" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	609.24	154.15
33 14 13 53-0213	EA	12" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	711.38	174.52

33 14 19 Valves and Hydrants for Water Utility Service *(33 14)*

Note: Flanged valves excludes bolt and gasket set. Excludes excavation and backfill. See CSI section 23 21 13 23-0619 for bolt and gasket sets.

33 14 19 00-0001		**Accessories For Valves** *(33 14 19)*		
33 14 19 00-0002	EA	1' Valve Extension Stem	114.29	
		For Each Additional LF, Add	*9.07*	
33 14 19 00-0003	EA	Up to 80" Long Indicator Post Telescoping Barrel Assembly Note: Excludes valve.	1,743.15	114.77
33 14 19 00-0004	EA	>80" To 114" Long Indicator Post Telescoping Barrel Assembly Note: Excludes valve.	1,977.47	126.25
33 14 19 00-0005	EA	Adjust Water Valve Box To Grade	114.77	
33 14 19 00-0006		**Water Utility Distribution Valves** *(33 14 19)*		
33 14 19 00-0007		**Angle Valves** *(33 14 19 00-0006)* Note: For connecting meters to water service.		
33 14 19 00-0008		**Threaded, Class 150, Bronze Angle Valve** *(33 14 19 00-0007)* Note: NIBCO T-335Y		
33 14 19 00-0009	EA	1/2" Diameter Threaded, Class 150, Bronze Angle Valve	106.94	19.95
33 14 19 00-0010	EA	3/4" Diameter Threaded, Class 150, Bronze Angle Valve	144.23	26.80
33 14 19 00-0011	EA	1" Diameter Threaded, Class 150, Bronze Angle Valve	193.78	33.03
33 14 19 00-0012	EA	1-1/4" Diameter Threaded, Class 150, Bronze Angle Valve	249.40	41.50
33 14 19 00-0013	EA	1-1/2" Diameter Threaded, Class 150, Bronze Angle Valve	310.90	47.98
33 14 19 00-0014	EA	2" Diameter Threaded, Class 150, Bronze Angle Valve	461.80	56.09
33 14 19 00-0015	EA	2-1/2" Diameter Threaded, Class 150, Bronze Angle Valve	737.73	76.55
33 14 19 00-0016	EA	3" Diameter Threaded, Class 150, Bronze Angle Valve	1,116.11	88.37
33 14 19 00-0017		**Butterfly Valves** *(33 14 19 00-0006)*		
33 14 19 00-0018		**Lug Type Flanged, Cast Iron Disc, Butterfly Valves** *(33 14 19 00-0017)* Note: ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, 304 Stainless Steel Pin		
33 14 19 00-0019	EA	3" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,3,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified)	2,189.80	211.90
33 14 19 00-0020	EA	3" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,3,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified)	2,450.51	211.90
33 14 19 00-0021	EA	4" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,4,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified)	2,462.88	327.92
33 14 19 00-0022	EA	4" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,4,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified)	2,721.36	327.92
33 14 19 00-0023	EA	6" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,6,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified)	2,845.41	403.13
33 14 19 00-0024	EA	6" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,6,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified)	3,103.89	403.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0025	EA	8" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,8,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified)	3,215.76	515.11
33 14 19 00-0026	EA	8" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,8,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified)	3,472.76	515.11
33 14 19 00-0027	EA	10" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,10,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified)	4,032.68	627.09
33 14 19 00-0028	EA	10" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,10,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8)	4,032.68	627.09
33 14 19 00-0029	EA	12" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,12,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified)	4,616.38	760.09
33 14 19 00-0030	EA	12" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,12,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified)	4,874.86	760.09
33 14 19 00-0031	EA	14" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,14,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD12 Modified)	6,224.00	1,099.03
33 14 19 00-0032	EA	14" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,14,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW12 Modified)	6,899.91	1,099.03
33 14 19 00-0033	EA	16" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,16,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD16 Modified)	7,248.23	1,208.93
33 14 19 00-0034	EA	16" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,16,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW20 Modified)	8,077.15	1,208.93
33 14 19 00-0035	EA	18" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,18,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD24 Modified)	9,082.80	1,340.82
33 14 19 00-0036	EA	18" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,1BAW,18,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW24 Modified)	9,960.74	1,340.82
33 14 19 00-0037	EA	20" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,20,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD24 Modified)	10,408.40	1,511.17
33 14 19 00-0038	EA	20" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,20,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW24 Modified)	11,284.85	1,511.17
33 14 19 00-0039		**Lug Type Flanged, Ductile Iron Disc, Butterfly Valves** *(33 14 19 00-0017)* Note: ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, 304 Stainless Steel Pin		
33 14 19 00-0040	EA	24" Chainwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,24,F1,DI,NBRN-NBR,150B,DI-S2*GS-12A-CW20 Modified)	17,376.77	1,854.61
33 14 19 00-0041	EA	24" Cylinder Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,24,F1,DI,NBRN-NBR,150B,DI-S2*GS-12-PC10 Modified)	27,927.64	1,854.61
33 14 19 00-0042	EA	24" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,24,F1,DI,NBRN-NBR,150B,DI-S2*GS-12A-HD20 Modified)	17,324.63	1,854.61
33 14 19 00-0043	EA	30" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,30,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR3L-HD24 Modified)	28,445.33	2,925.78
33 14 19 00-0044	EA	36" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,36,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR3L-HD24 Modified)	56,181.31	3,901.04
33 14 19 00-0045	EA	42" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,42,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR3L-HD32 Modified)	66,473.14	5,851.56
33 14 19 00-0046	EA	48" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,48,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR4L-HD24 Modified)	84,324.28	7,314.45
33 14 19 00-0047	EA	54" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,54,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR6L-HD24 Modified)	117,768.07	8,777.34
33 14 19 00-0048	EA	60" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,60,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR6L-HD36 Modified)	147,555.73	10,532.80
33 14 19 00-0049	EA	72" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,72,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR8L-HD36 Modified)	211,643.02	12,639.36
33 14 19 00-0050	LF	3/16" Link, 316 Stainless Steel Chain For Use With DeZurik Chainwheel	19.48	
33 14 19 00-0051	EA	316 Stainless Steel Closing Link For Use With DeZurik Chainwheel Note: One required per valve.	10.25	
33 14 19 00-0052		**Check Valves** *(33 14 19 00-0006)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0053		**Flanged, Swing Type Gravity Operated Check Valves** *(33 14 19 00-0052)*		
		Note: AWWA C508. Bronze disc facing. Mueller A-2600-6.		
33 14 19 00-0054	EA	2-1/2" Flanged, Swing Type Gravity Operated Check Valve	1,811.38	166.42
33 14 19 00-0055	EA	3" Flanged, Swing Type Gravity Operated Check Valve	1,846.90	195.12
33 14 19 00-0056	EA	4" Flanged, Swing Type Gravity Operated Check Valve	2,468.76	246.76
33 14 19 00-0057	EA	4" x 6" Flanged, Swing Type Gravity Operated Check Valve	3,559.51	371.28
33 14 19 00-0058	EA	4" x 8" Flanged, Swing Type Gravity Operated Check Valve	3,676.77	414.66
33 14 19 00-0059	EA	6" Flanged, Swing Type Gravity Operated Check Valve	3,491.83	413.18
33 14 19 00-0060	EA	6" x 8" Flanged, Swing Type Gravity Operated Check Valve	4,614.06	469.66
33 14 19 00-0061	EA	6" x 10" Flanged, Swing Type Gravity Operated Check Valve	4,791.09	527.95
33 14 19 00-0062	EA	8" Flanged, Swing Type Gravity Operated Check Valve	5,008.14	527.95
33 14 19 00-0063	EA	10" Flanged, Swing Type Gravity Operated Check Valve	8,612.68	642.72
33 14 19 00-0064	EA	12" Flanged, Swing Type Gravity Operated Check Valve	13,188.38	482.04
33 14 19 00-0065	EA	14" Flanged, Swing Type Gravity Operated Check Valve	18,663.79	1,099.03
33 14 19 00-0066	EA	16" Flanged, Swing Type Gravity Operated Check Valve	24,944.69	1,208.93
33 14 19 00-0067	EA	18" Flanged, Swing Type Gravity Operated Check Valve	36,383.67	1,340.82
33 14 19 00-0068	EA	20" Flanged, Swing Type Gravity Operated Check Valve	42,383.82	1,511.17
33 14 19 00-0069		**Combination Air Release Valves** *(33 14 19 00-0006)*		
33 14 19 00-0070	EA	1" Combination Air Release Valve	630.76	24.10
33 14 19 00-0071	EA	2" Combination Air Release Valve	1,018.16	41.32
33 14 19 00-0072		**Corporation Stop And Curb Valve** *(33 14 19 00-0006)*		
		Note: AWWA C800		
33 14 19 00-0073		**Ball Corporation Valves** *(33 14 19 00-0072)*		
		Note: Mueller B-25000.		
33 14 19 00-0074	EA	3/4" Ball Corporation Valve (Mueller B-25000)	84.92	24.10
33 14 19 00-0075	EA	1" Ball Corporation Valve (Mueller B-25000)	106.48	29.84
33 14 19 00-0076	EA	1-1/2" Ball Corporation Valve (Mueller B-25000)	187.16	43.62
33 14 19 00-0077	EA	2" Ball Corporation Valve (Mueller B-25000)	277.00	51.65
33 14 19 00-0078		**Gate Valve, AWWA C500 And C509** *(33 14 19 00-0006)*		
33 14 19 00-0079		**Gate Valve, Flanged** *(33 14 19 00-0078)*		
		Note: Mueller A-2380-6.		
33 14 19 00-0080	EA	2" Gate Valve, Flanged	1,095.52	152.99
33 14 19 00-0081	EA	2-1/2" Gate Valve, Flanged	1,288.38	166.42
33 14 19 00-0082	EA	3" Gate Valve, Flanged	1,525.51	195.12
33 14 19 00-0083	EA	4" Gate Valve, Flanged	1,920.75	244.46
33 14 19 00-0084	EA	6" Gate Valve, Flanged	2,432.38	413.18
33 14 19 00-0085	EA	8" Gate Valve, Flanged	3,646.89	527.95
33 14 19 00-0086	EA	10" Gate Valve, Flanged	5,556.52	642.72
33 14 19 00-0087	EA	12" Gate Valve, Flanged	6,702.80	482.04
33 14 19 00-0088	EA	14" Gate Valve, Flanged	15,079.31	1,099.03
33 14 19 00-0089	EA	16" Gate Valve, Flanged	19,825.79	1,208.93
33 14 19 00-0090	EA	18" Gate Valve, Flanged	31,653.87	1,340.82
33 14 19 00-0091	EA	20" Gate Valve, Flanged	37,892.97	1,511.17
33 14 19 00-0092		**Resilient Wedge Gate Valve, Flanged** *(33 14 19 00-0078)*		
		Note: Mueller A-2360-6.		
33 14 19 00-0093	EA	2" Resilient Wedge Gate Valve, Flanged	1,044.37	152.99
33 14 19 00-0094	EA	2-1/2" Resilient Wedge Gate Valve, Flanged	1,227.26	166.42
33 14 19 00-0095	EA	3" Resilient Wedge Gate Valve, Flanged	1,452.99	195.12
33 14 19 00-0096	EA	4" Resilient Wedge Gate Valve, Flanged	1,839.68	244.46
33 14 19 00-0097	EA	6" Resilient Wedge Gate Valve, Flanged	2,324.01	413.18
33 14 19 00-0098	EA	8" Resilient Wedge Gate Valve, Flanged	3,477.61	527.95
33 14 19 00-0099	EA	10" Resilient Wedge Gate Valve, Flanged	5,287.50	642.72
33 14 19 00-0100	EA	12" Resilient Wedge Gate Valve, Flanged	6,377.99	482.04
33 14 19 00-0101		**Gate Valve, Mechanical Joint** *(33 14 19 00-0078)*		
		Note: Mueller A-2380-20.		
33 14 19 00-0102	EA	2" Gate Valve, Mechanical Joint	1,276.09	122.23
33 14 19 00-0103	EA	2-1/2" Gate Valve, Mechanical Joint	1,365.33	153.22
33 14 19 00-0104	EA	3" Gate Valve, Mechanical Joint	1,721.42	185.36
33 14 19 00-0105	EA	4" Gate Valve, Mechanical Joint	2,033.93	244.46
33 14 19 00-0106	EA	6" Gate Valve, Mechanical Joint	2,573.80	286.93
33 14 19 00-0107	EA	8" Gate Valve, Mechanical Joint	3,799.98	344.31
33 14 19 00-0108	EA	10" Gate Valve, Mechanical Joint	5,638.60	401.70
33 14 19 00-0109	EA	12" Gate Valve, Mechanical Joint	7,075.59	482.04
33 14 19 00-0110	EA	14" Gate Valve, Mechanical Joint	16,068.58	673.16
33 14 19 00-0111	EA	16" Gate Valve, Mechanical Joint	20,867.38	755.58
33 14 19 00-0112	EA	18" Gate Valve, Mechanical Joint	33,516.79	838.01
33 14 19 00-0113	EA	20" Gate Valve, Mechanical Joint	39,905.99	944.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0114		**Resilient Wedge Gate Valve, Mechanical Joint** *(33 14 19 00-0078)* Note: Mueller A-2360-20.		
33 14 19 00-0115	EA	2" Resilient Wedge Gate Valve, Mechanical Joint	1,217.68	122.23
33 14 19 00-0116	EA	3" Resilient Wedge Gate Valve, Mechanical Joint	1,644.96	185.36
33 14 19 00-0117	EA	4" Resilient Wedge Gate Valve, Mechanical Joint	1,946.47	244.46
33 14 19 00-0118	EA	6" Resilient Wedge Gate Valve, Mechanical Joint	2,460.61	286.93
33 14 19 00-0119	EA	8" Resilient Wedge Gate Valve, Mechanical Joint	3,623.89	344.31
33 14 19 00-0120	EA	10" Resilient Wedge Gate Valve, Mechanical Joint	5,364.93	401.70
33 14 19 00-0121	EA	12" Resilient Wedge Gate Valve, Mechanical Joint	6,729.60	482.04
33 14 19 00-0122		**Resilient Wedge Gate Valve, Mechanical Joint X Flange Joint** *(33 14 19 00-0078)* Note: Mueller A-2361.		
33 14 19 00-0123	EA	14" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	10,689.16	1,099.03
33 14 19 00-0124	EA	16" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	11,617.74	1,208.93
33 14 19 00-0125	EA	18" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	18,215.99	1,340.82
33 14 19 00-0126	EA	20" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	21,758.41	1,511.17
33 14 19 00-0127	EA	24" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	30,958.92	1,854.61
33 14 19 00-0128		**Gate Valve, Threaded, WW-V-51 Class A, Type 1** *(33 14 19 00-0078)* Note: NIBCO T-113.		
33 14 19 00-0129	EA	1/4" Diameter Threaded, Bronze, Gate Valve	63.21	20.07
33 14 19 00-0130	EA	3/8" Diameter Threaded, Bronze, Gate Valve	65.11	20.07
33 14 19 00-0131	EA	1/2" Diameter Threaded, Bronze, Gate Valve	64.57	20.07
33 14 19 00-0132	EA	3/4" Diameter Threaded, Bronze, Gate Valve	83.22	27.11
33 14 19 00-0133	EA	1" Diameter Threaded, Bronze, Gate Valve	102.58	32.78
33 14 19 00-0134	EA	1-1/4" Diameter Threaded, Bronze, Gate Valve	139.24	41.50
33 14 19 00-0135	EA	1-1/2" Diameter Threaded, Bronze, Gate Valve	161.55	47.98
33 14 19 00-0136	EA	2" Diameter Threaded, Bronze, Gate Valve	195.93	56.09
33 14 19 00-0137	EA	2-1/2" Diameter Threaded, Bronze, Gate Valve	375.47	76.55
33 14 19 00-0138	EA	3" Diameter Threaded, Bronze, Gate Valve	449.85	87.80
33 14 19 00-0139		**Globe Valve, AWWA** *(33 14 19 00-0006)*		
33 14 19 00-0140		**Globe Valve, Threaded, WW-V-51 Class B, Type 1** *(33 14 19 00-0139)* Note: NIBCO T-235.		
33 14 19 00-0141	EA	1/8" Diameter Threaded, Globe Valve	89.07	20.07
33 14 19 00-0142	EA	1/4" Diameter Threaded, Globe Valve	85.23	20.07
33 14 19 00-0143	EA	3/8" Diameter Threaded, Globe Valve	87.13	20.07
33 14 19 00-0144	EA	1/2" Diameter Threaded, Globe Valve	89.07	20.07
33 14 19 00-0145	EA	3/4" Diameter Threaded, Globe Valve	120.95	27.11
33 14 19 00-0146	EA	1" Diameter Threaded, Globe Valve	169.37	32.78
33 14 19 00-0147	EA	1-1/4" Diameter Threaded, Globe Valve	247.20	41.50
33 14 19 00-0148	EA	1-1/2" Diameter Threaded, Globe Valve	294.99	47.98
33 14 19 00-0149	EA	2" Diameter Threaded, Globe Valve	410.88	56.09
33 14 19 00-0150	EA	2-1/2" Diameter Threaded, Globe Valve	752.52	76.55
33 14 19 00-0151	EA	3" Diameter Threaded, Globe Valve	1,029.20	88.26
33 14 19 00-0152		**Tapping Valve, AWWA C500 And C509** *(33 14 19 00-0006)*		
33 14 19 00-0153		**Tapping Valve, AWWA C500 And C509** *(33 14 19 00-0152)* Note: Flanged inlet X mechanical joint, Mueller H-667.		
33 14 19 00-0154	EA	2" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	1,583.02	152.99
33 14 19 00-0155	EA	3" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	2,040.63	195.12
33 14 19 00-0156	EA	4" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	2,418.33	244.46
33 14 19 00-0157	EA	6" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	3,192.74	413.18
33 14 19 00-0158	EA	8" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	4,622.06	527.95
33 14 19 00-0159	EA	10" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	6,741.58	642.72
33 14 19 00-0160	EA	12" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	10,039.70	482.04
33 14 19 00-0161	EA	14" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	18,511.63	1,099.03
33 14 19 00-0162	EA	16" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	23,460.33	1,208.93
33 14 19 00-0163	EA	18" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	38,098.53	1,340.82
33 14 19 00-0164		**Fire Hydrants** *(33 14 19)* Note: Breakaway type.		
33 14 19 00-0165		**Three Way, Standard (Traditional) Model Fire Hydrant** *(33 14 19 00-0164)* Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 14 19 00-0166	EA	1-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,750.63	313.54
33 14 19 00-0167	EA	2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,820.30	313.54
33 14 19 00-0168	EA	2-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,890.16	313.54
33 14 19 00-0169	EA	3' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,982.08	335.94
33 14 19 00-0170	EA	3-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,051.82	335.94
33 14 19 00-0171	EA	4' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,149.62	363.93
33 14 19 00-0172	EA	4-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,219.26	363.93
33 14 19 00-0173	EA	5' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,317.09	391.93
33 14 19 00-0174	EA	5-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,386.83	391.93
33 14 19 00-0175	EA	6' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,484.45	419.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0176	EA	6-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,582.17	447.92
33 14 19 00-0177	EA	7' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,707.77	503.91
33 14 19 00-0178	EA	1-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,814.21	313.54
33 14 19 00-0179	EA	2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,904.63	313.54
33 14 19 00-0180	EA	2-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,994.83	313.54
33 14 19 00-0181	EA	3' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,107.43	335.94
33 14 19 00-0182	EA	3-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,197.63	335.94
33 14 19 00-0183	EA	4' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,316.15	363.93
33 14 19 00-0184	EA	4-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,406.24	363.93
33 14 19 00-0185	EA	5' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,524.53	391.93
33 14 19 00-0186	EA	5-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,614.70	391.93
33 14 19 00-0187	EA	6' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,732.73	419.92
33 14 19 00-0188	EA	6-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,851.16	447.92
33 14 19 00-0189	EA	7' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,997.19	503.91
33 14 19 00-0190		**Two Way, Standard (Traditional) Model Fire Hydrant** *(33 14 19 00-0164)*		
		Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 14 19 00-0191	EA	1-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,368.17	313.54
33 14 19 00-0192	EA	2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,437.60	313.54
33 14 19 00-0193	EA	2-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,507.43	313.54
33 14 19 00-0194	EA	3' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,599.64	335.94
33 14 19 00-0195	EA	3-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,669.16	335.94
33 14 19 00-0196	EA	4' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,766.81	363.93
33 14 19 00-0197	EA	4-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,836.55	363.93
33 14 19 00-0198	EA	5' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,934.45	391.93
33 14 19 00-0199	EA	5-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,004.04	391.93
33 14 19 00-0200	EA	6' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,102.04	419.92
33 14 19 00-0201	EA	6-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,199.31	447.92
33 14 19 00-0202	EA	7' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,325.07	503.91
33 14 19 00-0203	EA	1-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,466.39	313.54
33 14 19 00-0204	EA	2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,556.61	313.54
33 14 19 00-0205	EA	2-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,646.70	313.54
33 14 19 00-0206	EA	3' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,759.52	335.94
33 14 19 00-0207	EA	3-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,849.49	335.94
33 14 19 00-0208	EA	4' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,967.86	363.93
33 14 19 00-0209	EA	4-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,057.88	363.93
33 14 19 00-0210	EA	5' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,176.46	391.93
33 14 19 00-0211	EA	5-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,266.43	391.93
33 14 19 00-0212	EA	6' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,384.78	419.92
33 14 19 00-0213	EA	6-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,502.75	447.92
33 14 19 00-0214	EA	7' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,649.28	503.91
33 14 19 00-0215		**Three Way, Modern Model Fire Hydrant** *(33 14 19 00-0164)*		
		Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 14 19 00-0216	EA	1-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	3,913.24	313.54
33 14 19 00-0217	EA	2' Burial Section, Three Way, Modern Type Fire Hydrant	4,003.32	313.54
33 14 19 00-0218	EA	2-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	4,093.68	313.54
33 14 19 00-0219	EA	3' Burial Section, Three Way, Modern Type Fire Hydrant	4,206.32	335.94
33 14 19 00-0220	EA	3-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	4,296.47	335.94
33 14 19 00-0221	EA	4' Burial Section, Three Way, Modern Type Fire Hydrant	4,414.66	363.93
33 14 19 00-0222	EA	4-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	4,504.93	363.93
33 14 19 00-0223	EA	5' Burial Section, Three Way, Modern Type Fire Hydrant	4,623.15	391.93
33 14 19 00-0224	EA	5-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	4,713.33	391.93
33 14 19 00-0225	EA	6' Burial Section, Three Way, Modern Type Fire Hydrant	4,831.51	391.93
33 14 19 00-0226	EA	6-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	4,949.98	447.92
33 14 19 00-0227	EA	7' Burial Section, Three Way, Modern Type Fire Hydrant	5,095.07	447.92
33 14 19 00-0228		**Two Way, Modern Model Fire Hydrant** *(33 14 19 00-0164)*		
		Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 14 19 00-0229	EA	1-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	2,783.65	313.54
33 14 19 00-0230	EA	2' Burial Section, Two Way, Modern Type Fire Hydrant	2,852.20	313.54
33 14 19 00-0231	EA	2-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	2,921.52	313.54
33 14 19 00-0232	EA	3' Burial Section, Two Way, Modern Type Fire Hydrant	3,011.67	335.94
33 14 19 00-0233	EA	3-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	3,080.21	335.94
33 14 19 00-0234	EA	4' Burial Section, Two Way, Modern Type Fire Hydrant	3,176.73	363.93
33 14 19 00-0235	EA	4-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	3,245.24	363.93
33 14 19 00-0236	EA	5' Burial Section, Two Way, Modern Type Fire Hydrant	3,341.86	391.93
33 14 19 00-0237	EA	5-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	3,410.20	391.93
33 14 19 00-0238	EA	6' Burial Section, Two Way, Modern Type Fire Hydrant	3,506.74	419.92
33 14 19 00-0239	EA	6-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	3,603.37	447.92
33 14 19 00-0240	EA	7' Burial Section, Two Way, Modern Type Fire Hydrant	3,727.04	503.91
33 14 19 00-0241		**Fire Hydrant Extension Kits** *(33 14 19 00-0164)*		
33 14 19 00-0242	EA	6" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	580.47	27.99
33 14 19 00-0243	EA	12" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	689.70	34.99
33 14 19 00-0244	EA	18" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	752.29	42.00
33 14 19 00-0245	EA	24" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	855.11	51.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0246	EA	30" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,291.15	53.89
33 14 19 00-0247	EA	36" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,379.02	55.99
33 14 19 00-0248	EA	42" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,400.00	58.79
33 14 19 00-0249	EA	48" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,478.70	62.99
33 14 19 00-0250	EA	54" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,630.26	75.59
33 14 19 00-0251	EA	60" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,720.43	90.98
33 14 19 00-0252	EA	6" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	645.72	31.36
33 14 19 00-0253	EA	12" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	764.66	38.08
33 14 19 00-0254	EA	18" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	877.46	45.91
33 14 19 00-0255	EA	24" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	980.94	57.11
33 14 19 00-0256	EA	30" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,343.08	59.35
33 14 19 00-0257	EA	36" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,432.07	61.59
33 14 19 00-0258	EA	42" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,493.33	64.95
33 14 19 00-0259	EA	48" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,746.67	69.43
33 14 19 00-0260	EA	54" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,914.28	82.86
33 14 19 00-0261	EA	60" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	2,011.49	99.66
33 14 19 00-0262		Removal And Reinstallation Of Standard Fire Hydrant *(33 14 19 00-0164)*		
		Note: Includes all necessary fittings for resetting, storage and cleaning. Excludes excavation, backfill and thrust blocking around fire hydrant.		
33 14 19 00-0263	EA	Up To 5' Burial Section, Removal And Reinstallation Of Fire Hydrant	895.84	
33 14 19 00-0264	EA	>5' Burial Section, Removal And Reinstallation Of Fire Hydrant	1,306.43	
33 14 19 00-0265	EA	Reset Fire Hydrant Upper Barrel	1,427.18	
		Note: Includes Safety Repair Kit		
33 14 19 00-0266		Yard Hydrants *(33 14 19)*		
		Note: With 3/4" hose thread outlet.		
33 14 19 00-0267	EA	2' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet	387.24	37.40
33 14 19 00-0268	EA	4' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet	416.08	37.40
33 14 19 00-0269	EA	6' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet	444.91	37.40
33 14 19 00-0270	EA	2' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	357.48	47.36
33 14 19 00-0271	EA	4' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	374.68	47.36
33 14 19 00-0272	EA	6' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	391.87	47.36
33 14 19 00-0273		Sanitary Yard Hydrants *(33 14 19)*		
		Note: With 3/4" hose thread outlet.		
33 14 19 00-0274	EA	2' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	1,751.01	77.91
33 14 19 00-0275	EA	4' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	1,841.12	77.91
33 14 19 00-0276	EA	6' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	1,931.23	77.91
33 14 19 00-0277		Flushing Hydrants *(33 14 19)*		
33 14 19 00-0278	EA	2" Inlet x 2-1/2" Outlet Steel Flushing Hydrant, 3' Bury Depth	913.43	47.95
33 14 23		**Enclosures for Water Utility Piping and Valves** *(33 14)*		
		Note: Excludes excavation and backfill. See CSI section 22 11 19 00-0464 for Enclosures.		
33 14 23 00-0001		Roadway Utility Box *(33 14 23)*		
33 14 23 00-0002		Utility Box *(33 14 23 00-0001)*		
		Note: Christy Concrete Products.		
33 14 23 00-0003		B3 Utility Box, 9-3/8" x 15-1/2" *(33 14 23 00-0002)*		
33 14 23 00-0004	EA	9-3/8" x 15-1/2" Precast Concrete Utility Box	131.46	56.77
33 14 23 00-0005	EA	Cast Iron Lid For 9-3/8" x 15-1/2" Utility Box	136.42	6.31
33 14 23 00-0006	EA	Reinforced Concrete Lid For 9-3/8" x 15-1/2" Utility Box	56.17	6.31
33 14 23 00-0007	EA	Steel Checkered Plate Cover For 9-3/8" x 15-1/2" Utility Box	299.57	6.31
33 14 23 00-0008	EA	12-1/8" x 18-5/8" Reinforced Concrete Slab For 9-3/8" x 15-1/2" Utility Box	79.00	12.62
33 14 23 00-0009	EA	3" High Reinforced Concrete Base For 9-3/8" x 15-1/2" Utility Box	114.46	12.62
33 14 23 00-0010		B9 Utility Box, 10-1/4" x 17-1/4" *(33 14 23 00-0002)*		
33 14 23 00-0011	EA	10-1/4" x 17-1/4" Precast Concrete Utility Box	158.90	75.70
33 14 23 00-0012	EA	Cast Iron Lid For 10-1/4" x 17-1/4" Utility Box	159.77	7.57
33 14 23 00-0013	EA	Reinforced Concrete Lid For 10-1/4" x 17-1/4" Utility Box	62.24	7.57
33 14 23 00-0014	EA	Steel Checkered Plate Cover For 10-1/4" x 17-1/4" Utility Box	314.33	6.31
33 14 23 00-0015	EA	13" x 19-3/4" Reinforced Concrete Slab For 10-1/4" x 17-1/4" Utility Box	88.75	12.62
33 14 23 00-0016	EA	5-3/4" High Reinforced Concrete Base For 10-1/4" x 17-1/4" Utility Box	118.53	18.93
33 14 23 00-0017	EA	12" High Reinforced Concrete Extension For 10-1/4" x 17-1/4" Utility Box	138.39	34.69
33 14 23 00-0018		B12 Utility Box, 12" x 20" *(33 14 23 00-0002)*		
33 14 23 00-0019	EA	12" x 20" Precast Concrete Utility Box	174.78	82.00
33 14 23 00-0020	EA	Cast Iron Lid For 12" x 20" Utility Box	288.38	9.46
33 14 23 00-0021	EA	Reinforced Concrete Lid For 12" x 20" Utility Box	83.06	12.62
33 14 23 00-0022	EA	Steel Checkered Plate Cover For 12" x 20" Utility Box	422.07	12.62
33 14 23 00-0023	EA	12" High Reinforced Concrete Extension For 12" x 20" Utility Box	180.63	44.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 23 00-0024		**B16 Utility Box, 12" x 22-1/4"** *(33 14 23 00-0002)*		
33 14 23 00-0025	EA	12" x 22-1/4" Precast Concrete Utility Box	201.07	95.88
33 14 23 00-0026	EA	Cast Iron Lid For 12" x 22-1/4" Utility Box	325.52	12.62
33 14 23 00-0027	EA	Reinforced Concrete Lid For 12" x 22-1/4" Utility Box	103.17	12.62
33 14 23 00-0028	EA	Steel Checkered Plate Cover For 12" x 22-1/4" Utility Box	424.47	12.62
33 14 23 00-0029	EA	16" x 27" Reinforced Concrete Slab For 12" x 22-1/4" Utility Box	144.24	21.45
33 14 23 00-0030	EA	12" High Reinforced Concrete Extension For 12" x 22-1/4" Utility Box	183.97	44.16
33 14 23 00-0031		**B30 Utility Box, 13-1/4" x 24"** *(33 14 23 00-0002)*		
33 14 23 00-0032	EA	13-1/4" x 24" Precast Concrete Utility Box (Christy B30BOX)	242.39	113.55
33 14 23 00-0033	EA	Reinforced Concrete Lid For 13-1/4" x 24" Utility Box (Christy B30D)	138.41	20.19
33 14 23 00-0034	EA	Steel Checkered Plate Cover For 13-1/4" x 24" Utility Box (Christy B30-61G)	524.62	16.40
33 14 23 00-0035	EA	16" x 27" Reinforced Concrete Slab For 13-1/4" x 24" Utility Box (Christy B30SL)	144.24	21.45
33 14 23 00-0036	EA	5-1/2" High Reinforced Concrete Base For 13-1/4" x 24" Utility Box (Christy B30BA)	220.54	35.33
33 14 23 00-0037	EA	6" High Reinforced Concrete Extension For 13-1/4" x 24" Utility Box (Christy B30X6)	172.86	23.97
33 14 23 00-0038	EA	12" High Reinforced Concrete Extension For 13-1/4" x 24" Utility Box (Christy B30X12)	238.46	56.77
33 14 23 00-0039		**B36 Utility Box, 17-1/4" x 30"** *(33 14 23 00-0002)*		
33 14 23 00-0040	EA	17-1/4" x 30" Precast Concrete Utility Box (Christy B36BOX)	317.16	143.83
33 14 23 00-0041	EA	Reinforced Concrete Lid For 17-1/4" x 30" Utility Box (Christy B36D)	225.23	34.69
33 14 23 00-0042	EA	Steel Checkered Plate Cover For 17-1/4" x 30" Utility Box (Christy B36-61D)	657.05	23.97
33 14 23 00-0043	EA	20" x 34" Reinforced Concrete Slab For 17-1/4" x 30" Utility Box (Christy B36SL)	200.52	45.42
33 14 23 00-0044	EA	6" High Reinforced Concrete Base For 17-1/4" x 30" Utility Box (Christy B36BA)	343.86	50.46
33 14 23 00-0045	EA	12" High Reinforced Concrete Extension For 17-1/4" x 30" Utility Box (Christy B36X12)	318.83	73.18
33 14 23 00-0046		**B40 Utility Box, 24-1/2" x 36"** *(33 14 23 00-0002)*		
33 14 23 00-0047	EA	24-1/2" x 36" Precast Concrete Utility Box	662.70	222.05
33 14 23 00-0048	EA	Reinforced Concrete Lid For 24-1/2" x 36" Utility Box	618.34	83.27
33 14 23 00-0049	EA	Steel Checkered Plate Cover For 24-1/2" x 36" Utility Box	932.83	36.58
33 14 23 00-0050	EA	30" x 40" Reinforced Concrete Slab For 24-1/2" x 36" Utility Box	503.83	78.23
33 14 23 00-0051	EA	10" High Reinforced Concrete Extension For 24-1/2" x 36" Utility Box	534.73	82.00
33 14 23 00-0052		**B48 Utility Box, 30-1/4" x 48-1/4"** *(33 14 23 00-0002)*		
33 14 23 00-0053	EA	30-1/4" x 48-1/4" Precast Concrete Utility Box	833.65	252.32
33 14 23 00-0054	EA	1 Piece Reinforced Concrete Lid For 30-1/4" x 48-1/4" Utility Box	848.42	137.51
33 14 23 00-0055	EA	2 Piece Reinforced Concrete Lid For 30-1/4" x 48-1/4" Utility Box	1,075.91	137.51
33 14 23 00-0056	EA	2 Piece Steel Checkered Plate Cover For 30-1/4" x 48-1/4" Utility Box	1,475.90	63.09
33 14 23 00-0057	EA	36" x 53" Reinforced Concrete Slab For 30-1/4" x 48-1/4" Utility Box	722.47	170.32
33 14 23 00-0058	EA	10" High Reinforced Concrete Extension For 30-1/4" x 48-1/4" Utility Box	658.59	114.81
33 14 23 00-0059		**Roadway Or Curb Valve Boxes** *(33 14 23)*		
33 14 23 00-0060		**Round Head, Cast Iron Service, Roadway Or Valve Boxes** *(33 14 23 00-0059)*		
33 14 23 00-0061	EA	36" To 48" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box Note: Includes cover, top section and bottom section.	247.36	15.15
33 14 23 00-0062	EA	36" To 54" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box Note: Includes cover, top section and bottom section.	287.55	15.15
33 14 23 00-0063	EA	42" To 60" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box Note: Includes cover, top section and bottom section.	289.40	15.15
33 14 23 00-0064	EA	9" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	74.13	7.57
33 14 23 00-0065	EA	16" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	84.77	7.57
33 14 23 00-0066	EA	24" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	100.78	7.57
33 14 23 00-0067	EA	36" To 48" High, Screw Type, 4-1/4" Shaft, Round Head, Cast Iron Roadway Box Note: Includes cover, top section and bottom section.	373.29	18.94
33 14 23 00-0068	EA	45" To 54" High, Three Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section, bottom section and #6 round base.	647.00	26.51
33 14 23 00-0069	EA	45" To 66" High, Three Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section, bottom section and #6 round base.	721.98	26.51
33 14 23 00-0070	EA	24" To 36" High, Two Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section and bottom section.	388.16	18.94
33 14 23 00-0071	EA	36" To 48" High, Two Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section and bottom section.	406.07	18.94
33 14 23 00-0072	EA	24" To 36" High, Two Piece, Slip Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section and bottom section.	392.39	18.94
33 14 23 00-0073	EA	12" Extension For Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box	142.17	7.57
33 14 23 00-0074	EA	18" To 24" High Round Head Cast Iron Roadway Or Curb Valve Boxes	238.65	31.16
33 14 23 00-0075	EA	22" To 28" High Round Head Cast Iron Roadway Or Curb Valve Boxes	246.78	32.41
33 14 23 00-0076	EA	30" To 36" High Round Head Cast Iron Roadway Or Curb Valve Boxes	274.71	33.65
33 14 23 00-0077	EA	36" To 48" High Round Head Cast Iron Roadway Or Curb Valve Box	377.78	35.53
33 14 23 00-0078	EA	48" To 60" High Round Head Cast Iron Roadway Or Curb Valve Boxes	455.65	37.40
33 14 23 00-0079	EA	18" Cast Iron Service Box Extension Section	106.87	
33 14 23 00-0080		**Plastic Roadway Grade Water Meter Box And Cover** *(33 14 23 00-0059)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 23 00-0081	EA	12" Wide x 16" Long x 16" Deep Plastic Meter Box And Cover	321.75	43.63
33 14 23 00-0082	EA	9-3/4" Wide x 19-1/4" Long x 16" Deep Oval Plastic Meter Box And Cover	241.94	31.16
33 14 23 00-0083	EA	Cast Iron Lid For Plastic Meter Box	72.05	

33 14 23 00-0084 Roadway Valve Box Cover Adjustment *(33 14 23)*
Note: Excludes asphalt See CSI section 02 41 13 13-0037 for breakup and removal of pavement, 02 41 19 13-0057 for saw cutting pavement if required, 32 12 16 13-0023 for hand placed hot mix asphalt.

33 14 23 00-0085	EA	Up To 3" Rise, Up To 6" Diameter, Adjustment To Roadway Valve Cover	351.24	

33 14 23 00-0086 Roadway Utility Box Cover Adjustment *(33 14 23)*
Note: Excludes asphalt See CSI section 02 41 13 13-0037 for breakup and removal of pavement, 02 41 19 13-0057 for saw cutting pavement if required, 32 12 16 13-0023 for hand placed hot mix asphalt.

33 14 23 00-0087	EA	Up To 6" Rise, Up To 2 SF, Adjustment To Roadway Utility Cover	701.81	
33 14 23 00-0088	EA	Up To 6" Rise, >2 To 4 SF, Adjustment To Roadway Utility Cover	895.18	
33 14 23 00-0089	EA	Up To 6" Rise, >4 To 6 SF, Adjustment To Roadway Utility Cover	1,270.92	
33 14 23 00-0090	EA	Up To 6" Rise, >6 To 10 SF, Adjustment To Roadway Utility Cover	1,551.06	

33 16 Water Utility Storage Tanks *(33 10)*

33 16 23 Ground-Level Steel Water Storage Tanks *(33 16)*

See CSI section 23 13 23 16-0000 for aboveground steel storage tanks.

33 19 Water Utility Metering Equipment *(33 10)*

33 19 13 Positive Displacement Water Meters *(33 19)*

33 19 13 23 Nutating Disc Water Meters *(33 19 13)*

33 19 13 23-0001 Bronze Disk Type Water Service Meters *(33 19 13 23)*

33 19 13 23-0002	EA	5/8" Diameter, 0 To 20 GPM, Screwed, Disk Type, Bronze Water Supply Meter	333.73	64.81
33 19 13 23-0003	EA	3/4" Diameter, 0 To 30 GPM, Screwed, Disk Type, Bronze Water Supply Meter	419.59	77.28
33 19 13 23-0004	EA	1" Diameter, 0 To 50 GPM, Screwed, Disk Type, Bronze Water Supply Meter	563.86	88.49
33 19 13 23-0005	EA	1-1/2" Diameter, 0 To 100 GPM, Screwed, Disk Type, Bronze Water Supply Meter	1,098.05	132.12
33 19 13 23-0006	EA	2" Diameter, 0 To 160 GPM, Screwed, Disk Type, Bronze Water Supply Meter	1,487.97	172.01

33 19 13 23-0007 Magnetic Driven, Positive Displacement Type Water Service Meters *(33 19 13 23)*

33 19 13 23-0008	EA	5/8" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max. (Neptune T10 E-Coder/R900i)	613.44	64.81
		For Owner Furnished Material, Deduct	*-547.83*	
33 19 13 23-0009	EA	3/4" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i)	699.35	77.28
		For Owner Furnished Material, Deduct	*-621.44*	
33 19 13 23-0010	EA	1" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i)	1,042.58	88.49
		For Owner Furnished Material, Deduct	*-953.54*	
33 19 13 23-0011	EA	1-1/2" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i)	1,765.25	132.12
		For Owner Furnished Material, Deduct	*-1,632.65*	
33 19 13 23-0012	EA	2" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i)	2,185.01	172.01
		For Owner Furnished Material, Deduct	*-2,011.89*	
33 19 13 23-0013	EA	Electronic Transmitter Note: For use with transmitting meter valve.	498.03	31.16
		For Owner Furnished Material, Deduct	*-466.87*	

33 19 16 Velocity-Type Water Meters *(33 19)*

33 19 16 23 Turbine Water Meters *(33 19 16)*

33 19 16 23-0001 Flanged Turbine Water Service Meter *(33 19 16 23)*

33 19 16 23-0002 Vertical Turbine Meters *(33 19 16 23-0001)*

33 19 16 23-0003	EA	1-1/2" Diameter, 0 - 100 GPM Vertical Turbine Meter, Flanged	1,317.10	120.51
33 19 16 23-0004	EA	2" Diameter, 0 - 160 GPM Vertical Turbine Meter, Flanged	1,853.47	152.99
33 19 16 23-0005	EA	3" Diameter, 0 - 350 GPM Vertical Turbine Meter, Flanged	3,429.13	195.12
33 19 16 23-0006	EA	4" Diameter, 0 - 650 GPM Vertical Turbine Meter, Flanged	5,109.79	305.30
33 19 16 23-0007	EA	6" Diameter, 0 - 1,300 GPM Vertical Turbine Meter, Flanged	9,731.10	413.18

33 19 16 23-0008 Horizontal Turbine Meters *(33 19 16 23-0001)*

33 19 16 23-0009	EA	1-1/2" Diameter, 0 - 120 GPM Horizontal Turbine Meter, Flanged	2,094.49	120.51
33 19 16 23-0010	EA	2" Diameter, 0 - 160 GPM Horizontal Turbine Meter, Flanged	2,963.29	152.99
33 19 16 23-0011	EA	3" Diameter, 0 - 600 GPM Horizontal Turbine Meter, Flanged	3,874.08	195.12
33 19 16 23-0012	EA	4" Diameter, 0 - 1,000 GPM Horizontal Turbine Meter, Flanged	5,697.95	305.30
33 19 16 23-0013	EA	6" Diameter, 0 - 2,000 GPM Horizontal Turbine Meter, Flanged	11,874.03	413.18
33 19 16 23-0014	EA	8" Diameter, 0 - 3,500 GPM Horizontal Turbine Meter, Flanged	15,892.88	527.95
33 19 16 23-0015	EA	10" Diameter, 0 - 5,500 GPM Horizontal Turbine Meter, Flanged	22,238.30	642.72
33 19 16 23-0016	EA	12" Diameter, 0 - 6,600 GPM Horizontal Turbine Meter, Flanged	26,708.79	1,013.43

33 19 19 Compound Water Meters *(33 19)*

33 19 19 00-0001 Flanged Compound Type Water Service Meter *(33 19 19)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 19 19 00-0002	EA	2" Diameter, 0 To 160 GPM, Flanged And Bronze, Compound Type Water Service Meter	5,627.90	152.99
33 19 19 00-0003	EA	3" Diameter, 0 To 320 GPM, Flanged And Bronze, Compound Type Water Service Meter	6,794.41	195.12
33 19 19 00-0004	EA	4" Diameter, 0 To 500 GPM, Flanged And Bronze, Compound Type Water Service Meter	11,241.96	305.30
33 19 19 00-0005	EA	6" Diameter, 0 To 1,000 GPM, Flanged And Bronze, Compound Type Water Service Meter	15,730.29	413.18
33 19 19 00-0006	EA	8" Diameter, 0 To 1,600 GPM, Flanged And Bronze, Compound Type Water Service Meter	32,509.57	527.95
33 19 19 00-0007	EA	10" Diameter, 0 To 2,500 GPM, Flanged And Bronze, Compound Type Water Service Meter	55,819.45	642.72

33 19 23 Magnetic Water Meters *(33 19)*

33 19 23 00-0001 Flanged Electromagnetic Flow (EMF) Water Meter *(33 19 23)*

33 19 23 00-0002	EA	2" Diameter, Flanged, Stainless Steel, Electromagnetic Flow (EMF) Water Meter (Sensus Accu-MAG)	9,225.21	152.99
33 19 23 00-0003	EA	3" Diameter, Flanged, Stainless Steel, Electromagnetic Flow (EMF) Water Meter (Sensus Accu-MAG)	13,000.95	195.12
33 19 23 00-0004	EA	4" Diameter, Flanged, Stainless Steel, Electromagnetic Flow (EMF) Water Meter (Sensus Accu-MAG)	14,920.15	305.30

33 19 26 Ultrasonic Water Meters *(33 19)*

33 19 26 00-0001 Ultrasonic Water Service Meters (Mastermeter Octive) *(33 19 26)*

33 19 26 00-0002	EA	3" Diameter, Ductile Iron Body, Flanged, Ultrasonic Water Meter (Mastermeter Octive)	4,652.72	195.12
33 19 26 00-0003	EA	4" Diameter, Ductile Iron Body, Flanged, Ultrasonic Water Meter (Mastermeter Octive)	5,357.72	305.30
33 19 26 00-0004	EA	6" Diameter, Ductile Iron Body, Flanged, Ultrasonic Water Meter (Mastermeter Octive)	7,886.30	413.18
33 19 26 00-0005	EA	8" Diameter, Ductile Iron Body, Flanged, Ultrasonic Water Meter (Mastermeter Octive)	11,363.67	527.95

33 30 Sanitary Sewerage Utilities *(33)*

33 31 Sanitary Sewerage Piping *(33 30)*

33 31 11 Public Sanitary Sewerage Gravity Piping *(33 31)*

Note: Piping includes hydrostatic testing, disinfecting and warning tape. Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 31 11 00-0001 Cast Iron Service Saddles With U Bolt *(33 31 11)*

33 31 11 00-0002	EA	2" Diameter x 2" Tapped Tee Cast Iron Service Saddles With U Bolt	133.89	
33 31 11 00-0003	EA	3" Diameter x 1-1/2" Tapped Tee Cast Iron Service Saddles With U Bolt	134.60	
33 31 11 00-0004	EA	3" Diameter x 2" Tapped Tee Cast Iron Service Saddles With U Bolt	148.15	
33 31 11 00-0005	EA	4" Diameter x 1-1/2" Tapped Tee Cast Iron Service Saddles With U Bolt	143.33	
33 31 11 00-0006	EA	4" Diameter x 2" Hub Tee Cast Iron Service Saddles With U Bolt	161.72	
33 31 11 00-0007	EA	4" Diameter x 3" Hub Tee Cast Iron Service Saddles With U Bolt	181.86	
33 31 11 00-0008	EA	4" Diameter x 4" Hub Tee Cast Iron Service Saddles With U Bolt	215.40	
33 31 11 00-0009	EA	6" Diameter x 2" Hub Tee Cast Iron Service Saddles With U Bolt	182.23	
33 31 11 00-0010	EA	6" Diameter x 3" Hub Tee Cast Iron Service Saddles With U Bolt	199.19	
33 31 11 00-0011	EA	6" Diameter x 4" Hub Tee Cast Iron Service Saddles With U Bolt	229.80	
33 31 11 00-0012	EA	4" Diameter x 1-1/2" Tapped Wye Cast Iron Service Saddle With U Bolt	147.30	
33 31 11 00-0013	EA	4" Diameter x 2" Tapped Wye Cast Iron Service Saddle With U Bolt	160.87	
33 31 11 00-0014	EA	4" Diameter x 3" Hub Wye Cast Iron Service Saddle With U Bolt	191.14	
33 31 11 00-0015	EA	4" Diameter x 4" Hub Wye Cast Iron Service Saddle With U Bolt	226.80	
33 31 11 00-0016	EA	6" Diameter x 4" Hub Wye Cast Iron Service Saddle With U Bolt	244.00	

33 31 11 00-0017 Plastic Sewer And Drain Piping *(33 31 11)*

Note: Includes detectable tracer wire.

33 31 11 00-0018 Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe *(33 31 11 00-0017)*

33 31 11 00-0019	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	11.75	4.83
33 31 11 00-0020	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	14.25	5.69
33 31 11 00-0021	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	19.66	6.91
33 31 11 00-0022	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	24.55	8.06
33 31 11 00-0023	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	33.44	9.37
33 31 11 00-0024	LF	8" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	44.71	10.89
33 31 11 00-0025	LF	10" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	60.81	11.28
33 31 11 00-0026	LF	12" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	79.61	11.68

33 31 11 00-0027 Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe *(33 31 11 00-0017)*

Note: D-2729 PVC pipe.

33 31 11 00-0028	LF	3" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe	15.11	6.91
33 31 11 00-0029	LF	4" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe	17.74	8.06
33 31 11 00-0030	LF	6" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe	21.93	9.37

33 31 11 00-0031 Polyvinyl Chloride (PVC) Sewer And Drain Fittings *(33 31 11 00-0017)*

33 31 11 00-0032 Polyvinyl Chloride (PVC) Sewer And Drain, 1/4 Bend Elbows *(33 31 11 00-0031)*

33 31 11 00-0033	EA	1-1/2" Polyvinyl Chloride (PVC) Sewer And Drain, 1/4 Bend Elbow	32.67	15.42
33 31 11 00-0034	EA	2" Polyvinyl Chloride (PVC) Sewer And Drain, 1/4 Bend Elbow	41.95	19.94
33 31 11 00-0035	EA	3" Polyvinyl Chloride (PVC) Sewer And Drain, 1/4 Bend Elbow	77.81	26.79
33 31 11 00-0036	EA	4" Polyvinyl Chloride (PVC) Sewer And Drain, 1/4 Bend Elbow	126.09	30.96
33 31 11 00-0037	EA	6" Polyvinyl Chloride (PVC) Sewer And Drain, 1/4 Bend Elbow	545.39	40.24
33 31 11 00-0038	EA	8" Polyvinyl Chloride (PVC) Sewer And Drain, 1/4 Bend Elbow	911.90	54.16
33 31 11 00-0039	EA	10" Polyvinyl Chloride (PVC) Sewer And Drain, 1/4 Bend Elbow	1,203.48	72.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0040		**Polyvinyl Chloride (PVC) Sewer And Drain, 1/8 Bend Elbows** *(33 31 11 00-0031)*		
33 31 11 00-0041	EA	1-1/2" Polyvinyl Chloride (PVC) Sewer And Drain, 1/8 Bend Elbow	34.87	15.42
33 31 11 00-0042	EA	2" Polyvinyl Chloride (PVC) Sewer And Drain, 1/8 Bend Elbow	41.77	19.94
33 31 11 00-0043	EA	3" Polyvinyl Chloride (PVC) Sewer And Drain, 1/8 Bend Elbow	74.51	26.79
33 31 11 00-0044	EA	4" Polyvinyl Chloride (PVC) Sewer And Drain, 1/8 Bend Elbow	109.97	30.96
33 31 11 00-0045	EA	6" Polyvinyl Chloride (PVC) Sewer And Drain, 1/8 Bend Elbow	504.35	40.24
33 31 11 00-0046	EA	8" Polyvinyl Chloride (PVC) Sewer And Drain, 1/8 Bend Elbow	816.51	54.16
33 31 11 00-0047	EA	10" Polyvinyl Chloride (PVC) Sewer And Drain, 1/8 Bend Elbow	922.88	72.12
33 31 11 00-0048	EA	12" Polyvinyl Chloride (PVC) Sewer And Drain, 1/8 Bend Elbow	1,377.41	96.06
33 31 11 00-0049		**Polyvinyl Chloride (PVC) Sewer And Drain, 1/4 Bend Long Sweeps** *(33 31 11 00-0031)*		
33 31 11 00-0050	EA	1-1/2" Polyvinyl Chloride (PVC) Sewer And Drain, 1/4 Bend Long Sweep	59.41	15.20
33 31 11 00-0051	EA	2" Polyvinyl Chloride (PVC) Sewer And Drain, 1/4 Bend Long Sweep	57.34	19.94
33 31 11 00-0052	EA	3" Polyvinyl Chloride (PVC) Sewer And Drain, 1/4 Bend Long Sweep	117.39	26.79
33 31 11 00-0053	EA	4" Polyvinyl Chloride (PVC) Sewer And Drain, 1/4 Bend Long Sweep	198.65	30.96
33 31 11 00-0054	EA	6" Polyvinyl Chloride (PVC) Sewer And Drain, 1/4 Bend Long Sweep	405.24	40.24
33 31 11 00-0055	EA	8" Polyvinyl Chloride (PVC) Sewer And Drain, 1/4 Bend Long Sweep	727.72	54.16
33 31 11 00-0056	EA	10" Polyvinyl Chloride (PVC) Sewer And Drain, 1/4 Bend Long Sweep	1,200.18	72.12
33 31 11 00-0057	EA	12" Polyvinyl Chloride (PVC) Sewer And Drain, 1/4 Bend Long Sweep	1,826.18	96.06
33 31 11 00-0058		**Polyvinyl Chloride (PVC) Sewer And Drain, 1/16 Bend Elbows** *(33 31 11 00-0031)*		
33 31 11 00-0059	EA	1-1/2" Polyvinyl Chloride (PVC) Sewer And Drain, 1/16 Bend Elbow	39.56	15.42
33 31 11 00-0060	EA	2" Polyvinyl Chloride (PVC) Sewer And Drain, 1/16 Bend Elbow	46.53	19.94
33 31 11 00-0061	EA	3" Polyvinyl Chloride (PVC) Sewer And Drain, 1/16 Bend Elbow	88.21	26.79
33 31 11 00-0062	EA	4" Polyvinyl Chloride (PVC) Sewer And Drain, 1/16 Bend Elbow	135.40	30.96
33 31 11 00-0063	EA	6" Polyvinyl Chloride (PVC) Sewer And Drain, 1/16 Bend Elbow	681.92	40.24
33 31 11 00-0064	EA	8" Polyvinyl Chloride (PVC) Sewer And Drain, 1/16 Bend Elbow	1,110.65	54.16
33 31 11 00-0065	EA	10" Polyvinyl Chloride (PVC) Sewer And Drain, 1/16 Bend Elbow	1,248.73	72.12
33 31 11 00-0066	EA	12" Polyvinyl Chloride (PVC) Sewer And Drain, 1/16 Bend Elbow	1,268.81	96.06
33 31 11 00-0067		**Polyvinyl Chloride (PVC) Sewer And Drain, Reducers** *(33 31 11 00-0031)*		
33 31 11 00-0068	EA	2" x 1-1/2" Polyvinyl Chloride (PVC) Sewer And Drain, Reducer	45.50	17.60
33 31 11 00-0069	EA	3" x 1-1/2" Polyvinyl Chloride (PVC) Sewer And Drain, Reducer	92.37	21.01
33 31 11 00-0070	EA	3" x 2" Polyvinyl Chloride (PVC) Sewer And Drain, Reducer	85.72	23.17
33 31 11 00-0071	EA	4" x 2" Polyvinyl Chloride (PVC) Sewer And Drain, Reducer	138.81	25.32
33 31 11 00-0072	EA	4" x 3" Polyvinyl Chloride (PVC) Sewer And Drain, Reducer	148.49	28.73
33 31 11 00-0073	EA	6" x 4" Polyvinyl Chloride (PVC) Sewer And Drain, Reducer	480.85	35.56
33 31 11 00-0074	EA	8" x 6" Polyvinyl Chloride (PVC) Sewer And Drain, Reducer	1,035.82	47.15
33 31 11 00-0075	EA	10" x 4" Polyvinyl Chloride (PVC) Sewer And Drain, Reducer	204.03	51.49
33 31 11 00-0076	EA	10" x 6" Polyvinyl Chloride (PVC) Sewer And Drain, Reducer	281.99	56.16
33 31 11 00-0077	EA	10" x 8" Polyvinyl Chloride (PVC) Sewer And Drain, Reducer	264.30	63.07
33 31 11 00-0078	EA	12" x 6" Polyvinyl Chloride (PVC) Sewer And Drain, Reducer	1,067.58	68.17
33 31 11 00-0079	EA	12" x 8" Polyvinyl Chloride (PVC) Sewer And Drain, Reducer	1,126.14	75.09
33 31 11 00-0080	EA	12" x 10" Polyvinyl Chloride (PVC) Sewer And Drain, Reducer	1,190.35	84.09
33 31 11 00-0081		**Polyvinyl Chloride (PVC) Sewer And Drain, Sanitary Tees** *(33 31 11 00-0031)*		
33 31 11 00-0082	EA	1-1/2" Polyvinyl Chloride (PVC) Sewer And Drain, Sanitary Tee	51.96	23.31
33 31 11 00-0083	EA	2" Polyvinyl Chloride (PVC) Sewer And Drain, Sanitary Tee	69.51	30.15
33 31 11 00-0084	EA	3" Polyvinyl Chloride (PVC) Sewer And Drain, Sanitary Tee	124.57	39.77
33 31 11 00-0085	EA	4" Polyvinyl Chloride (PVC) Sewer And Drain, Sanitary Tee	197.71	49.40
33 31 11 00-0086	EA	6" Polyvinyl Chloride (PVC) Sewer And Drain, Sanitary Tee	800.52	54.16
33 31 11 00-0087	EA	8" Polyvinyl Chloride (PVC) Sewer And Drain, Sanitary Tee	1,038.16	72.12
33 31 11 00-0088		**Polyvinyl Chloride (PVC) Sewer And Drain, Wyes** *(33 31 11 00-0031)*		
33 31 11 00-0089	EA	1-1/2" Polyvinyl Chloride (PVC) Sewer And Drain, Wye	69.00	23.31
33 31 11 00-0090	EA	2" Polyvinyl Chloride (PVC) Sewer And Drain, Wye	79.41	30.15
33 31 11 00-0091	EA	3" Polyvinyl Chloride (PVC) Sewer And Drain, Wye	137.21	39.77
33 31 11 00-0092	EA	4" Polyvinyl Chloride (PVC) Sewer And Drain, Wye	218.42	49.40
33 31 11 00-0093	EA	6" Polyvinyl Chloride (PVC) Sewer And Drain, Wye	722.83	54.16
33 31 11 00-0094	EA	8" Polyvinyl Chloride (PVC) Sewer And Drain, Wye	890.60	72.12
33 31 11 00-0095	EA	10" Polyvinyl Chloride (PVC) Sewer And Drain, Wye	1,170.93	96.24
33 31 11 00-0096	EA	12" Polyvinyl Chloride (PVC) Sewer And Drain, Wye	1,860.17	128.44
33 31 11 00-0097		**Polyvinyl Chloride (PVC) Sewer And Drain, Reducing Wyes** *(33 31 11 00-0031)*		
33 31 11 00-0098	EA	2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) Sewer And Drain, Reducing Wye	95.75	23.31
33 31 11 00-0099	EA	2" x 2" x 1" Polyvinyl Chloride (PVC) Sewer And Drain, Reducing Wye	105.43	30.15
33 31 11 00-0100	EA	3" x 3" x 2" Polyvinyl Chloride (PVC) Sewer And Drain, Reducing Wye	119.62	39.77
33 31 11 00-0101	EA	4" x 4" x 2" Polyvinyl Chloride (PVC) Sewer And Drain, Reducing Wye	190.03	49.40
33 31 11 00-0102	EA	4" x 4" x 3" Polyvinyl Chloride (PVC) Sewer And Drain, Reducing Wye	209.45	49.40
33 31 11 00-0103	EA	6" x 6" x 4" Polyvinyl Chloride (PVC) Sewer And Drain, Reducing Wye	344.50	81.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0104		**Polyvinyl Chloride (PVC) Sewer And Drain, Double Wyes** *(33 31 11 00-0031)*		
33 31 11 00-0105	EA	1-1/2" Polyvinyl Chloride (PVC) Sewer And Drain, Double Wye	117.70	30.15
33 31 11 00-0106	EA	2" Polyvinyl Chloride (PVC) Sewer And Drain, Double Wye	152.97	39.77
33 31 11 00-0107	EA	3" Polyvinyl Chloride (PVC) Sewer And Drain, Double Wye	321.41	53.69
33 31 11 00-0108	EA	4" Polyvinyl Chloride (PVC) Sewer And Drain, Double Wye	585.89	64.94
33 31 11 00-0109	EA	2" x 2" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) Sewer And Drain, Reducing Double Wye	144.91	39.77
33 31 11 00-0110	EA	3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) Sewer And Drain, Reducing Double Wye	259.85	53.69
33 31 11 00-0111	EA	4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) Sewer And Drain, Reducing Double Wye	484.20	64.94
33 31 11 00-0112		**Polyvinyl Chloride (PVC) Sewer And Drain, Combination Wye And 1/8 Bends** *(33 31 11 00-0031)*		
33 31 11 00-0113	EA	1-1/2" Polyvinyl Chloride (PVC) Sewer And Drain, Combination Wye And 1/8 Bend	90.25	23.31
33 31 11 00-0114	EA	2" Polyvinyl Chloride (PVC) Sewer And Drain, Combination Wye And 1/8 Bend	112.57	30.15
33 31 11 00-0115	EA	3" Polyvinyl Chloride (PVC) Sewer And Drain, Combination Wye And 1/8 Bend	236.88	39.77
33 31 11 00-0116	EA	4" Polyvinyl Chloride (PVC) Sewer And Drain, Combination Wye And 1/8 Bend	441.95	49.40
33 31 11 00-0117	EA	2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) Sewer And Drain, Reducing Combination Wye And 1/8 Bend	184.76	30.15
33 31 11 00-0118	EA	3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) Sewer And Drain, Reducing Combination Wye And 1/8 Bend	302.26	39.77
33 31 11 00-0119	EA	3" x 3" x 2" Polyvinyl Chloride (PVC) Sewer And Drain, Reducing Combination Wye And 1/8 Bend	211.31	39.77
33 31 11 00-0120	EA	4" x 4" x 2" Polyvinyl Chloride (PVC) Sewer And Drain, Reducing Combination Wye And 1/8 Bend	411.30	49.40
33 31 11 00-0121	EA	4" x 4" x 3" Polyvinyl Chloride (PVC) Sewer And Drain, Reducing Combination Wye And 1/8 Bend	439.33	49.40
33 31 11 00-0122		**Polyvinyl Chloride (PVC) Sewer And Drain, Double Combination Wye And 1/8 Bends** *(33 31 11 00-0031)*		
33 31 11 00-0123	EA	1-1/2" Polyvinyl Chloride (PVC) Sewer And Drain, Double Combination Wye And 1/8 Bend	134.19	30.15
33 31 11 00-0124	EA	2" Polyvinyl Chloride (PVC) Sewer And Drain, Double Combination Wye And 1/8 Bend	154.80	39.77
33 31 11 00-0125	EA	3" Polyvinyl Chloride (PVC) Sewer And Drain, Double Combination Wye And 1/8 Bend	245.74	53.69
33 31 11 00-0126	EA	4" Polyvinyl Chloride (PVC) Sewer And Drain, Double Combination Wye And 1/8 Bend	968.08	64.94
33 31 11 00-0127	EA	6" Polyvinyl Chloride (PVC) Sewer And Drain, Double Combination Wye And 1/8 Bend	3,268.76	71.89
33 31 11 00-0128		**Polyvinyl Chloride (PVC) Sewer And Drain, Cleanout Tees With Plug** *(33 31 11 00-0031)*		
33 31 11 00-0129	EA	4" Polyvinyl Chloride (PVC) Sewer And Drain, Cleanout Tee With Plug	728.60	126.44
33 31 11 00-0130	EA	6" Polyvinyl Chloride (PVC) Sewer And Drain, Cleanout Tee With Plug	1,810.63	163.13
33 31 11 00-0131	EA	8" Polyvinyl Chloride (PVC) Sewer And Drain, Cleanout Tee With Plug	2,294.62	229.88
33 31 11 00-0132	EA	10" Polyvinyl Chloride (PVC) Sewer And Drain, Cleanout Tee With Plug	3,140.77	369.78
33 31 11 00-0133		**Polyvinyl Chloride (PVC) Sewer And Drain, Couplings** *(33 31 11 00-0031)*		
33 31 11 00-0134	EA	1-1/2" Polyvinyl Chloride (PVC) Sewer And Drain, Coupling	31.50	15.42
33 31 11 00-0135	EA	2" Polyvinyl Chloride (PVC) Sewer And Drain, Coupling	39.02	19.83
33 31 11 00-0136	EA	3" Polyvinyl Chloride (PVC) Sewer And Drain, Coupling	63.77	26.56
33 31 11 00-0137	EA	4" Polyvinyl Chloride (PVC) Sewer And Drain, Coupling	85.64	30.96
33 31 11 00-0138	EA	6" Polyvinyl Chloride (PVC) Sewer And Drain, Coupling	277.00	40.24
33 31 11 00-0139	EA	8" Polyvinyl Chloride (PVC) Sewer And Drain, Coupling	706.86	54.16
33 31 11 00-0140	EA	10" Polyvinyl Chloride (PVC) Sewer And Drain, Coupling	1,077.82	72.12
33 31 11 00-0141	EA	12" Polyvinyl Chloride (PVC) Sewer And Drain, Coupling	1,795.86	96.06
33 31 11 00-0142		**Polyvinyl Chloride (PVC) Sewer And Drain, Adapters** *(33 31 11 00-0031)*		
33 31 11 00-0143	EA	4" Polyvinyl Chloride (PVC) Sewer And Drain, Male Threaded Iron Adapter Fitting	142.22	80.57
33 31 11 00-0144	EA	2" x 3" x 3" Polyvinyl Chloride (PVC) Sewer And Drain, Downspout Adapter Fitting	99.10	61.29
33 31 11 00-0145	EA	2" x 3" x 4" Polyvinyl Chloride (PVC) Sewer And Drain, Downspout Adapter Fitting	102.23	61.29
33 31 11 00-0146	EA	3" x 4" x 4" Polyvinyl Chloride (PVC) Sewer And Drain, Downspout Adapter Fitting	110.52	61.29
33 31 11 00-0147	EA	4" Cast Iron Pipe x Polyvinyl Chloride (PVC) Sewer And Drain, Hub Pipe Adapter Fitting	144.49	80.57
33 31 11 00-0148	EA	4" Clay Pipe x Polyvinyl Chloride (PVC) Sewer And Drain, Spigot Pipe Adapter Fitting	137.86	80.57
33 31 11 00-0149	EA	4" Fiberglass Pipe x Polyvinyl Chloride (PVC) Sewer And Drain, Spigot Pipe Adapter Fitting	126.97	80.57
33 31 11 00-0150	EA	4" Polyvinyl Chloride (PVC) Sewer And Drain, Drain Grate Fitting	70.23	41.43
33 31 11 00-0151		**Polyvinyl Chloride (PVC) Sewer And Drain, Caps** *(33 31 11 00-0031)*		
33 31 11 00-0152	EA	3" Polyvinyl Chloride (PVC) Sewer And Drain, Cap	43.89	16.58
33 31 11 00-0153	EA	4" Polyvinyl Chloride (PVC) Sewer And Drain, Cap	74.04	20.64
33 31 11 00-0154	EA	6" Polyvinyl Chloride (PVC) Sewer And Drain, Cap	143.05	26.67
33 31 11 00-0155		**Polyvinyl Chloride (PVC) Sewer And Drain, Cleanouts With Plug** *(33 31 11 00-0031)*		
33 31 11 00-0156	EA	1-1/2" Polyvinyl Chloride (PVC) Sewer And Drain, Cleanout With Plug	26.93	15.42
33 31 11 00-0157	EA	2" Polyvinyl Chloride (PVC) Sewer And Drain, Cleanout With Plug	35.07	19.94
33 31 11 00-0158	EA	3" Polyvinyl Chloride (PVC) Sewer And Drain, Cleanout With Plug	52.56	26.79
33 31 11 00-0159	EA	4" Polyvinyl Chloride (PVC) Sewer And Drain, Cleanout With Plug	70.07	30.96
33 31 11 00-0160	EA	6" Polyvinyl Chloride (PVC) Sewer And Drain, Cleanout With Plug	122.94	40.24
33 31 11 00-0161	EA	8" Polyvinyl Chloride (PVC) Sewer And Drain, Cleanout With Plug	483.80	54.16
33 31 11 00-0162		**Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe** *(33 31 11 00-0017)*		
		Note: ASTM 3034.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0163	LF	4" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	19.56	8.06
		For SDR 26, Add	*0.67*	
33 31 11 00-0164	LF	6" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	25.30	9.37
		For SDR 26, Add	*1.29*	
33 31 11 00-0165	LF	8" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	32.96	10.89
		For SDR 26, Add	*2.19*	
33 31 11 00-0166	LF	10" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	39.31	11.28
		For SDR 26, Add	*3.28*	
33 31 11 00-0167	LF	12" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	46.94	11.68
		For SDR 26, Add	*4.62*	
33 31 11 00-0168	LF	15" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	59.55	12.09
		For SDR 26, Add	*6.93*	
33 31 11 00-0169	LF	18" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	73.99	12.53
33 31 11 00-0170	LF	21" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	94.66	13.61
33 31 11 00-0171	LF	24" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	113.84	14.68
33 31 11 00-0172	LF	27" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	141.00	17.21
33 31 11 00-0173		**Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe** *(33 31 11 00-0017)*		
		Note: ASTM 3034.		
33 31 11 00-0174	LF	4" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe	19.16	8.06
		For SDR 26, Add	*0.60*	
33 31 11 00-0175	LF	6" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe	24.83	9.37
		For SDR 26, Add	*1.20*	
33 31 11 00-0176	LF	8" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe	32.44	10.89
		For SDR 26, Add	*2.09*	
33 31 11 00-0177		**Gasketed SDR 35 Polyvinyl Chloride (PVC) Fittings** *(33 31 11 00-0017)*		
		Note: ASTM 3034.		
33 31 11 00-0178		**Gasketed SDR 35 Polyvinyl Chloride (PVC), 1/4 Bends** *(33 31 11 00-0177)*		
33 31 11 00-0179	EA	4" Gasketed SDR 35 Polyvinyl Chloride (PVC), 1/4 Bend	91.94	28.95
		For SDR 26, Add	*4.19*	
33 31 11 00-0180	EA	6" Gasketed SDR 35 Polyvinyl Chloride (PVC), 1/4 Bend	136.46	33.66
		For SDR 26, Add	*7.71*	
33 31 11 00-0181	EA	8" Gasketed SDR 35 Polyvinyl Chloride (PVC), 1/4 Bend	286.20	38.14
		For SDR 26, Add	*21.34*	
33 31 11 00-0182	EA	10" Gasketed SDR 35 Polyvinyl Chloride (PVC), 1/4 Bend	822.34	44.88
		For SDR 26, Add	*71.76*	
33 31 11 00-0183	EA	12" Gasketed SDR 35 Polyvinyl Chloride (PVC), 1/4 Bend	1,062.65	57.22
		For SDR 26, Add	*92.86*	
33 31 11 00-0184		**Gasketed SDR 35 Polyvinyl Chloride (PVC), 1/8 Bends** *(33 31 11 00-0177)*		
33 31 11 00-0185	EA	4" Gasketed SDR 35 Polyvinyl Chloride (PVC), 1/8 Bend	82.96	28.95
		For SDR 26, Add	*3.33*	
33 31 11 00-0186	EA	6" Gasketed SDR 35 Polyvinyl Chloride (PVC), 1/8 Bend	126.56	33.66
		For SDR 26, Add	*6.76*	
33 31 11 00-0187	EA	8" Gasketed SDR 35 Polyvinyl Chloride (PVC), 1/8 Bend	261.16	38.14
		For SDR 26, Add	*18.93*	
33 31 11 00-0188	EA	10" Gasketed SDR 35 Polyvinyl Chloride (PVC), 1/8 Bend	586.63	44.88
		For SDR 26, Add	*49.13*	
33 31 11 00-0189	EA	12" Gasketed SDR 35 Polyvinyl Chloride (PVC), 1/8 Bend	838.53	57.22
		For SDR 26, Add	*71.34*	
33 31 11 00-0190	EA	15" Gasketed SDR 35 Polyvinyl Chloride (PVC), 1/8 Bend	1,798.75	80.78
		For SDR 26, Add	*159.76*	
33 31 11 00-0191	EA	18" Gasketed SDR 35 Polyvinyl Chloride (PVC), 1/8 Bend	2,854.23	114.44
33 31 11 00-0192	EA	21" Gasketed SDR 35 Polyvinyl Chloride (PVC), 1/8 Bend	4,763.32	151.46
33 31 11 00-0193	EA	24" Gasketed SDR 35 Polyvinyl Chloride (PVC), 1/8 Bend	6,494.99	201.94
33 31 11 00-0194		**Gasketed SDR 35 Polyvinyl Chloride (PVC), Sanitary Tees** *(33 31 11 00-0177)*		
33 31 11 00-0195	EA	4" Gasketed SDR 35 Polyvinyl Chloride (PVC), Sanitary Tee	139.17	43.42
		For SDR 26, Add	*6.41*	
33 31 11 00-0196	EA	6" x 4" Gasketed SDR 35 Polyvinyl Chloride (PVC), Sanitary Tee	224.82	48.13
		For SDR 26, Add	*13.88*	
33 31 11 00-0197	EA	6" Gasketed SDR 35 Polyvinyl Chloride (PVC), Sanitary Tee	252.76	50.48
		For SDR 26, Add	*16.19*	
33 31 11 00-0198	EA	8" x 4" Gasketed SDR 35 Polyvinyl Chloride (PVC), Sanitary Tee	279.13	52.84
		For SDR 26, Add	*18.34*	
33 31 11 00-0199	EA	8" x 6" Gasketed SDR 35 Polyvinyl Chloride (PVC), Sanitary Tee	319.84	55.20
		For SDR 26, Add	*21.87*	
33 31 11 00-0200	EA	8" Gasketed SDR 35 Polyvinyl Chloride (PVC), Sanitary Tee	614.37	57.55
		For SDR 26, Add	*49.77*	
33 31 11 00-0201	EA	10" x 4" Gasketed SDR 35 Polyvinyl Chloride (PVC), Sanitary Tee	787.41	58.90
		For SDR 26, Add	*66.17*	
33 31 11 00-0202	EA	10" x 6" Gasketed SDR 35 Polyvinyl Chloride (PVC), Sanitary Tee	892.65	61.71
		For SDR 26, Add	*75.83*	
33 31 11 00-0203	EA	10" x 8" Gasketed SDR 35 Polyvinyl Chloride (PVC), Sanitary Tee	1,319.08	64.06
		For SDR 26, Add	*116.39*	
33 31 11 00-0204	EA	10" Gasketed SDR 35 Polyvinyl Chloride (PVC), Sanitary Tee	1,719.87	67.31
		For SDR 26, Add	*154.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0205	EA	12" x 4" Gasketed SDR 35 Polyvinyl Chloride (PVC), Sanitary Tee	968.90	71.69
		For SDR 26, Add	*81.54*	
33 31 11 00-0206	EA	12" x 6" Gasketed SDR 35 Polyvinyl Chloride (PVC), Sanitary Tee	1,028.66	74.05
		For SDR 26, Add	*86.90*	
33 31 11 00-0207	EA	12" x 8" Gasketed SDR 35 Polyvinyl Chloride (PVC), Sanitary Tee	1,468.88	76.41
		For SDR 26, Add	*128.79*	
33 31 11 00-0208	EA	12" x 10" Gasketed SDR 35 Polyvinyl Chloride (PVC), Sanitary Tee	2,119.88	79.65
		For SDR 26, Add	*190.77*	
33 31 11 00-0209	EA	12" Gasketed SDR 35 Polyvinyl Chloride (PVC), Sanitary Tee	2,389.11	85.82
		For SDR 26, Add	*215.62*	

33 31 11 00-0210 Gasketed SDR 35 Polyvinyl Chloride (PVC), Wyes *(33 31 11 00-0177)*

33 31 11 00-0211	EA	4" Gasketed SDR 35 Polyvinyl Chloride (PVC), Wye	132.20	43.42
		For SDR 26, Add	*5.74*	
33 31 11 00-0212	EA	6" x 4" Gasketed SDR 35 Polyvinyl Chloride (PVC), Wye	201.60	48.13
		For SDR 26, Add	*11.65*	
33 31 11 00-0213	EA	6" Gasketed SDR 35 Polyvinyl Chloride (PVC), Wye	221.57	50.48
		For SDR 26, Add	*13.19*	
33 31 11 00-0214	EA	8" x 4" Gasketed SDR 35 Polyvinyl Chloride (PVC), Wye	269.17	52.84
33 31 11 00-0215	EA	8" x 6" Gasketed SDR 35 Polyvinyl Chloride (PVC), Wye	307.96	55.20
33 31 11 00-0216	EA	8" Gasketed SDR 35 Polyvinyl Chloride (PVC), Wye	472.47	57.55
33 31 11 00-0217	EA	10" x 4" Gasketed SDR 35 Polyvinyl Chloride (PVC), Wye	720.04	59.35
33 31 11 00-0218	EA	10" x 6" Gasketed SDR 35 Polyvinyl Chloride (PVC), Wye	734.46	61.71
33 31 11 00-0219	EA	10" x 8" Gasketed SDR 35 Polyvinyl Chloride (PVC), Wye	1,106.10	64.06
33 31 11 00-0220	EA	10" Gasketed SDR 35 Polyvinyl Chloride (PVC), Wye	1,224.08	67.31
33 31 11 00-0221	EA	12" x 4" Gasketed SDR 35 Polyvinyl Chloride (PVC), Wye	912.69	71.69
33 31 11 00-0222	EA	12" x 6" Gasketed SDR 35 Polyvinyl Chloride (PVC), Wye	941.33	74.05
33 31 11 00-0223	EA	12" x 8" Gasketed SDR 35 Polyvinyl Chloride (PVC), Wye	1,349.19	76.41
33 31 11 00-0224	EA	12" x 10" Gasketed SDR 35 Polyvinyl Chloride (PVC), Wye	1,626.22	79.65
33 31 11 00-0225	EA	12" Gasketed SDR 35 Polyvinyl Chloride (PVC), Wye	1,697.86	85.82
33 31 11 00-0226	EA	15" x 10" Gasketed SDR 35 Polyvinyl Chloride (PVC), Wye	2,092.54	103.22
33 31 11 00-0227	EA	15" x 12" Gasketed SDR 35 Polyvinyl Chloride (PVC), Wye	2,321.74	109.39
33 31 11 00-0228	EA	15" Gasketed SDR 35 Polyvinyl Chloride (PVC), Wye	2,903.38	121.16

33 31 11 00-0229 Gasketed SDR 35 Polyvinyl Chloride (PVC), Couplings *(33 31 11 00-0177)*

33 31 11 00-0230	EA	4" Gasketed SDR 35 Polyvinyl Chloride (PVC), Coupling	91.15	28.95
		For SDR 26, Add	*4.12*	
33 31 11 00-0231	EA	6" Gasketed SDR 35 Polyvinyl Chloride (PVC), Coupling	141.75	33.66
		For SDR 26, Add	*8.22*	
33 31 11 00-0232	EA	8" Gasketed SDR 35 Polyvinyl Chloride (PVC), Coupling	209.43	38.37
		For SDR 26, Add	*13.97*	
33 31 11 00-0233	EA	10" Gasketed SDR 35 Polyvinyl Chloride (PVC), Coupling	397.68	44.88
		For SDR 26, Add	*30.99*	
33 31 11 00-0234	EA	12" Gasketed SDR 35 Polyvinyl Chloride (PVC), Coupling	564.48	57.22
		For SDR 26, Add	*45.04*	
33 31 11 00-0235	EA	15" Gasketed SDR 35 Polyvinyl Chloride (PVC), Coupling	1,105.22	80.78
		For SDR 26, Add	*93.18*	
33 31 11 00-0236	EA	18" Gasketed SDR 35 Polyvinyl Chloride (PVC), Coupling	2,080.10	114.44
33 31 11 00-0237	EA	21" Gasketed SDR 35 Polyvinyl Chloride (PVC), Coupling	3,472.39	151.46
33 31 11 00-0238	EA	24" Gasketed SDR 35 Polyvinyl Chloride (PVC), Coupling	5,027.35	201.94

33 31 11 00-0239 Gasketed SDR 35 Polyvinyl Chloride (PVC), Increasers *(33 31 11 00-0177)*

33 31 11 00-0240	EA	6" x 4" Gasketed SDR 35 Polyvinyl Chloride (PVC), Increaser	175.28	31.31
		For SDR 26, Add	*11.82*	
33 31 11 00-0241	EA	8" x 4" Gasketed SDR 35 Polyvinyl Chloride (PVC), Increaser	251.56	33.66
		For SDR 26, Add	*18.76*	
33 31 11 00-0242	EA	8" x 6" Gasketed SDR 35 Polyvinyl Chloride (PVC), Increaser	265.26	36.01
		For SDR 26, Add	*19.70*	
33 31 11 00-0243	EA	10" x 6" Gasketed SDR 35 Polyvinyl Chloride (PVC), Increaser	599.02	39.27
		For SDR 26, Add	*51.23*	
33 31 11 00-0244	EA	10" x 8" Gasketed SDR 35 Polyvinyl Chloride (PVC), Increaser	688.58	41.62
		For SDR 26, Add	*59.45*	
33 31 11 00-0245	EA	12" x 6" Gasketed SDR 35 Polyvinyl Chloride (PVC), Increaser	769.42	45.44
		For SDR 26, Add	*66.59*	
33 31 11 00-0246	EA	12" x 8" Gasketed SDR 35 Polyvinyl Chloride (PVC), Increaser	883.23	47.79
		For SDR 26, Add	*77.14*	
33 31 11 00-0247	EA	12" x 10" Gasketed SDR 35 Polyvinyl Chloride (PVC), Increaser	1,012.86	51.05
		For SDR 26, Add	*89.07*	
33 31 11 00-0248	EA	15" x 12" Gasketed SDR 35 Polyvinyl Chloride (PVC), Increaser	1,525.21	68.99
		For SDR 26, Add	*135.38*	

33 31 11 00-0249 SDR 35 Polyvinyl Chloride (PVC), Saddle Wyes With Stainless Steel Clamps *(33 31 11 00-0177)*

33 31 11 00-0250	EA	6" x 4" SDR 35 Polyvinyl Chloride (PVC), Saddle Wye With Stainless Steel Clamps	144.77	
		For SDR 26, Add	*8.51*	
33 31 11 00-0251	EA	8" x 4" SDR 35 Polyvinyl Chloride (PVC), Saddle Wye With Stainless Steel Clamps	191.36	
		For SDR 26, Add	*11.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0252	EA	8" x 6" SDR 35 Polyvinyl Chloride (PVC), Saddle Wye With Stainless Steel Clamps	195.66	
		For SDR 26, Add	*12.32*	
33 31 11 00-0253	EA	10" x 4" SDR 35 Polyvinyl Chloride (PVC), Saddle Wye With Stainless Steel Clamps	324.53	
		For SDR 26, Add	*23.62*	
33 31 11 00-0254	EA	10" x 6" SDR 35 Polyvinyl Chloride (PVC), Saddle Wye With Stainless Steel Clamps	342.53	
		For SDR 26, Add	*25.34*	
33 31 11 00-0255	EA	10" x 8" SDR 35 Polyvinyl Chloride (PVC), Saddle Wye With Stainless Steel Clamps	652.27	
		For SDR 26, Add	*55.08*	
33 31 11 00-0256	EA	12" x 4" SDR 35 Polyvinyl Chloride (PVC), Saddle Wye With Stainless Steel Clamps	369.53	
		For SDR 26, Add	*26.32*	
33 31 11 00-0257	EA	12" x 6" SDR 35 Polyvinyl Chloride (PVC), Saddle Wye With Stainless Steel Clamps	403.28	
		For SDR 26, Add	*29.56*	
33 31 11 00-0258	EA	12" x 8" SDR 35 Polyvinyl Chloride (PVC), Saddle Wye With Stainless Steel Clamps	903.34	
		For SDR 26, Add	*77.57*	
33 31 11 00-0259	EA	12" x 10" SDR 35 Polyvinyl Chloride (PVC), Saddle Wye With Stainless Steel Clamps	1,065.85	
		For SDR 26, Add	*93.17*	
33 31 11 00-0260	EA	15" x 4" SDR 35 Polyvinyl Chloride (PVC), Saddle Wye With Stainless Steel Clamps	423.55	
		For SDR 26, Add	*27.74*	
33 31 11 00-0261	EA	15" x 6" SDR 35 Polyvinyl Chloride (PVC), Saddle Wye With Stainless Steel Clamps	453.00	
		For SDR 26, Add	*30.56*	

33 31 11 00-0262 SDR 35 Polyvinyl Chloride (PVC), Saddle Tees With Stainless Steel Clamps *(33 31 11 00-0177)*

33 31 11 00-0263	EA	6" x 4" SDR 35 Polyvinyl Chloride (PVC), Saddle Tee With Stainless Steel Clamps	154.85	
		For SDR 26, Add	*9.48*	
33 31 11 00-0264	EA	8" x 4" SDR 35 Polyvinyl Chloride (PVC), Saddle Tee With Stainless Steel Clamps	191.36	
		For SDR 26, Add	*11.91*	
33 31 11 00-0265	EA	8" x 6" SDR 35 Polyvinyl Chloride (PVC), Saddle Tee With Stainless Steel Clamps	209.38	
		For SDR 26, Add	*13.64*	
33 31 11 00-0266	EA	10" x 4" SDR 35 Polyvinyl Chloride (PVC), Saddle Tee With Stainless Steel Clamps	297.82	
		For SDR 26, Add	*21.05*	
33 31 11 00-0267	EA	10" x 6" SDR 35 Polyvinyl Chloride (PVC), Saddle Tee With Stainless Steel Clamps	340.38	
		For SDR 26, Add	*25.14*	
33 31 11 00-0268	EA	10" x 8" SDR 35 Polyvinyl Chloride (PVC), Saddle Tee With Stainless Steel Clamps	517.83	
		For SDR 26, Add	*42.17*	
33 31 11 00-0269	EA	12" x 4" SDR 35 Polyvinyl Chloride (PVC), Saddle Tee With Stainless Steel Clamps	367.39	
		For SDR 26, Add	*26.11*	
33 31 11 00-0270	EA	12" x 6" SDR 35 Polyvinyl Chloride (PVC), Saddle Tee With Stainless Steel Clamps	401.24	
		For SDR 26, Add	*29.36*	
33 31 11 00-0271	EA	12" x 8" SDR 35 Polyvinyl Chloride (PVC), Saddle Tee With Stainless Steel Clamps	602.33	
		For SDR 26, Add	*48.67*	
33 31 11 00-0272	EA	12" x 10" SDR 35 Polyvinyl Chloride (PVC), Saddle Tee With Stainless Steel Clamps	733.57	
		For SDR 26, Add	*61.27*	
33 31 11 00-0273	EA	15" x 4" SDR 35 Polyvinyl Chloride (PVC), Saddle Tee With Stainless Steel Clamps	422.22	
		For SDR 26, Add	*27.61*	
33 31 11 00-0274	EA	15" x 6" SDR 35 Polyvinyl Chloride (PVC), Saddle Tee With Stainless Steel Clamps	443.02	
		For SDR 26, Add	*29.61*	
33 31 11 00-0275	EA	15" x 8" SDR 35 Polyvinyl Chloride (PVC), Saddle Tee With Stainless Steel Clamps	740.35	
		For SDR 26, Add	*58.15*	
33 31 11 00-0276	EA	15" x 10" SDR 35 Polyvinyl Chloride (PVC), Saddle Tee With Stainless Steel Clamps	819.54	
		For SDR 26, Add	*65.75*	
33 31 11 00-0277	EA	15" x 12" SDR 35 Polyvinyl Chloride (PVC), Saddle Tee With Stainless Steel Clamps	1,159.93	
		For SDR 26, Add	*98.43*	

33 31 11 00-0278 Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe and Fittings *(33 31 11 00-0017)*

Note: ASTM F949.

33 31 11 00-0279 Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe *(33 31 11 00-0278)*

33 31 11 00-0280	LF	4" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	18.24	8.06
33 31 11 00-0281	LF	6" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	24.13	9.37
33 31 11 00-0282	LF	8" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	29.89	10.89
33 31 11 00-0283	LF	10" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	34.22	11.28
33 31 11 00-0284	LF	12" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	36.03	11.68
33 31 11 00-0285	LF	15" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	41.17	12.09
33 31 11 00-0286	LF	18" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	50.42	12.53
33 31 11 00-0287	LF	21" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	58.09	13.61
33 31 11 00-0288	LF	24" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	69.75	14.68
33 31 11 00-0289	LF	30" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	99.18	19.76

33 31 11 00-0290 Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/4 Bends *(33 31 11 00-0278)*

33 31 11 00-0291	EA	4" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/4 Bend	57.15
33 31 11 00-0292	EA	6" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/4 Bend	75.92
33 31 11 00-0293	EA	8" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/4 Bend	103.51
33 31 11 00-0294	EA	10" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/4 Bend	169.83
33 31 11 00-0295	EA	12" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/4 Bend	184.62
33 31 11 00-0296	EA	15" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/4 Bend	300.22
33 31 11 00-0297	EA	18" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/4 Bend	469.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0298	EA	21" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/4 Bend	654.91	
33 31 11 00-0299	EA	24" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/4 Bend	840.29	
33 31 11 00-0300	EA	30" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/4 Bend	1,101.56	
33 31 11 00-0301		Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/8 Bends *(33 31 11 00-0278)*		
33 31 11 00-0302	EA	4" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/8 Bend	53.97	
33 31 11 00-0303	EA	6" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/8 Bend	71.20	
33 31 11 00-0304	EA	8" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/8 Bend	96.64	
33 31 11 00-0305	EA	10" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/8 Bend	156.91	
33 31 11 00-0306	EA	12" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/8 Bend	171.09	
33 31 11 00-0307	EA	15" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/8 Bend	276.31	
33 31 11 00-0308	EA	18" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/8 Bend	430.49	
33 31 11 00-0309	EA	21" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/8 Bend	597.06	
33 31 11 00-0310	EA	24" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/8 Bend	763.66	
33 31 11 00-0311	EA	30" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/8 Bend	999.30	
33 31 11 00-0312		Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/16 Bends *(33 31 11 00-0278)*		
33 31 11 00-0313	EA	4" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/16 Bend	49.18	
33 31 11 00-0314	EA	6" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/16 Bend	61.22	
33 31 11 00-0315	EA	8" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/16 Bend	91.54	
33 31 11 00-0316	EA	10" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/16 Bend	115.47	
33 31 11 00-0317	EA	12" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/16 Bend	156.74	
33 31 11 00-0318	EA	15" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/16 Bend	250.91	
33 31 11 00-0319	EA	18" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/16 Bend	363.69	
33 31 11 00-0320	EA	21" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/16 Bend	537.87	
33 31 11 00-0321	EA	24" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/16 Bend	712.05	
33 31 11 00-0322	EA	30" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/16 Bend	996.85	
33 31 11 00-0323		Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Wyes *(33 31 11 00-0278)*		
33 31 11 00-0324	EA	4" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Wye	88.54	
33 31 11 00-0325	EA	6" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Wye	113.09	
33 31 11 00-0326	EA	8" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Wye	192.05	
33 31 11 00-0327	EA	10" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Wye	301.24	
33 31 11 00-0328	EA	12" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Wye	489.06	
33 31 11 00-0329	EA	15" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Wye	694.64	
33 31 11 00-0330	EA	18" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Wye	1,004.02	
33 31 11 00-0331	EA	21" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Wye	1,150.84	
33 31 11 00-0332	EA	24" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Wye	1,297.61	
33 31 11 00-0333	EA	30" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Wye	2,316.86	
33 31 11 00-0334		Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Tees *(33 31 11 00-0278)*		
33 31 11 00-0335	EA	4" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Tee	82.01	
33 31 11 00-0336	EA	6" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Tee	104.12	
33 31 11 00-0337	EA	8" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Tee	173.72	
33 31 11 00-0338	EA	10" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Tee	269.94	
33 31 11 00-0339	EA	12" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Tee	434.05	
33 31 11 00-0340	EA	15" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Tee	615.25	
33 31 11 00-0341	EA	18" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Tee	887.78	
33 31 11 00-0342	EA	21" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Tee	1,016.01	
33 31 11 00-0343	EA	24" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Tee	1,144.21	
33 31 11 00-0344	EA	30" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Tee	2,028.66	
33 31 11 00-0345		Couplings And Plug Fittings *(33 31 11)*		
33 31 11 00-0346		Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Couplings *(33 31 11 00-0345)*		
		Note: For cast iron or plastic to cast iron to plastic pipe. Includes stainless steel clamps.		
33 31 11 00-0347	EA	1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-150)	21.20	7.57
33 31 11 00-0348	EA	2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-22)	23.20	8.83
33 31 11 00-0349	EA	3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-33)	26.82	10.09
33 31 11 00-0350	EA	4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-44)	30.37	10.73
33 31 11 00-0351	EA	5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-55)	37.13	11.35
33 31 11 00-0352	EA	6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-66)	43.94	12.62
33 31 11 00-0353	EA	8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-88)	55.80	13.88
33 31 11 00-0354	EA	10" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1010)	68.84	14.50
33 31 11 00-0355	EA	12" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1212)	113.45	15.14
33 31 11 00-0356		Manhole Inside Bowl Drop *(33 31 11)*		
33 31 11 00-0357	EA	Inside Pipe Drop, 4" Outlet for 4' to 5' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A4DB)	356.71	
33 31 11 00-0358	EA	Inside Pipe Drop, 4" Outlet for 6' to 8' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A4R96)	373.99	
33 31 11 00-0359	EA	Inside Pipe Drop, 6" Outlet for 4' to 5' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A6DB)	383.59	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0360	EA	Inside Pipe Drop, 6" Outlet for 6' to 8' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A6R96)	396.75	
33 31 11 00-0361	EA	Inside Pipe Drop, 8" Outlet for 4' to 5' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A8DB)	412.47	
33 31 11 00-0362	EA	Inside Pipe Drop, 8" Outlet for 6' to 8' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A8DBR84)	442.35	
33 31 11 00-0363	EA	Inside Pipe Drop, 10" Outlet for 4' to 5' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A10DB)	460.85	
33 31 11 00-0364	EA	Inside Pipe Drop, 10" Outlet for 6' to 8' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A10R96)	475.79	
33 31 11 00-0365	EA	Inside Pipe Drop, 12" Outlet for 4' to 6' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner 24/12R60)	818.69	
33 31 11 00-0366	EA	Inside Pipe Drop, 12" Outlet for 7' to 8' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner 24/12R96)	841.10	

33 32 Sanitary Sewerage Equipment *(33 30)*

33 32 16 Packaged Wastewater Grinder Pump Assemblies *(33 32)*

33 32 16 00-0001 Submersible Grinder Pumps, Cast Iron With Bronze Impeller *(33 32 16)*

33 32 16 00-0002	EA	2 HP Submersible Grinder Pump, 200/208, 230 Volt, 1 Phase, 3450 RPM, 1-1/2" Threaded Discharge Note: Zoeller 840 series.	2,233.41	374.20
33 32 16 00-0003	EA	2 HP Submersible Grinder Pump, 200/208, 230, 460 Volt, 3 Phase, 3450 RPM, 1-1/2" Threaded Discharge Note: Zoeller 840 series.	2,202.71	374.20
33 32 16 00-0004	EA	Simplex Control Panel With Auto Reversing Switch Note: For Zoeller 840 series grinder pump.	1,046.50	124.69
33 32 16 00-0005	EA	Duplex Control Panel With Auto Reversing Switch Note: For Zoeller 840 series grinder pump.	1,616.99	124.69
33 32 16 00-0006	EA	Grinder Pump, 120 Gallon Sewage Basin, 1 HP, 120 V (Environment One 2012-74)	14,032.75	

33 32 16 00-0007 Submersible Grinder Pumps *(33 32 16)*

Note: Includes 50' of cord with pumps unless otherwise noted.

33 32 16 00-0008	EA	2 HP Submersible Grinder Pump At 3,450 RPM, Explosion Proof	4,005.98	797.94
33 32 16 00-0009	EA	3 HP Submersible Grinder Pump At 3,450 RPM, Explosion Proof	5,923.76	930.93
33 32 16 00-0010	EA	5 HP Submersible Grinder Pump At 3,450 RPM, Explosion Proof	7,268.08	1,196.91

33 40 Stormwater Utilities *(33)*

33 41 Subdrainage *(33 40)*

33 41 16 Subdrainage Piping *(33 41)*

33 41 16 13 Subdrainage Piping *(33 41 16)*

33 41 16 13-0001 Perforated Polyvinyl Chloride (PVC) Drainage Piping, D2729 *(33 41 16 13)*

Note: Includes fittings, couplings, elbows, etc.

33 41 16 13-0002	LF	3" Perforated Polyvinyl Chloride (PVC) Drainage Piping	7.06	4.39
33 41 16 13-0003	LF	4" Perforated Polyvinyl Chloride (PVC) Drainage Piping	7.71	4.75
33 41 16 13-0004	LF	6" Perforated Polyvinyl Chloride (PVC) Drainage Piping	10.79	5.69
33 41 16 13-0005	LF	8" Perforated Polyvinyl Chloride (PVC) Drainage Piping	16.63	7.11
33 41 16 13-0006	LF	10" Perforated Polyvinyl Chloride (PVC) Drainage Piping	26.46	7.41
33 41 16 13-0007	LF	12" Perforated Polyvinyl Chloride (PVC) Drainage Piping	33.58	8.08
33 41 16 13-0008	LF	15" Perforated Polyvinyl Chloride (PVC) Drainage Piping	46.09	9.11

33 41 16 13-0009 Perforated Non-Reinforced Concrete Drainage Piping, C444 *(33 41 16 13)*

33 41 16 13-0010	LF	6" Perforated Non-Reinforced Concrete Drainage Pipe	38.99	14.71
		For Extra Strength, Add	*2.11*	
		For >1,000, Deduct	*-1.95*	
33 41 16 13-0011	LF	8" Perforated Non-Reinforced Concrete Drainage Pipe	45.51	16.34
		For Extra Strength, Add	*2.60*	
		For >1,000, Deduct	*-2.28*	
33 41 16 13-0012	LF	10" Perforated Non-Reinforced Concrete Drainage Pipe	51.48	17.97
		For Extra Strength, Add	*3.03*	
		For >1,000, Deduct	*-2.57*	
33 41 16 13-0013	LF	12" Perforated Non-Reinforced Concrete Drainage Pipe	60.34	19.61
		For Extra Strength, Add	*3.80*	
		For >1,000, Deduct	*-3.02*	

33 41 16 13-0014 Extra Strength Porous Non-Reinforced Concrete Drainage Piping, C654 *(33 41 16 13)*

Note: Bell and spigot or tongue and groove. With seals and gaskets.

33 41 16 13-0015	LF	6" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	32.44	14.71
		For >1,000, Deduct	*-1.62*	
33 41 16 13-0016	LF	8" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	35.90	16.34
		For >1,000, Deduct	*-1.80*	
33 41 16 13-0017	LF	10" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	39.61	17.97
		For >1,000, Deduct	*-1.98*	
33 41 16 13-0018	LF	12" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	45.16	18.67
		For >1,000, Deduct	*-2.26*	
33 41 16 13-0019	LF	15" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	52.42	21.01
		For >1,000, Deduct	*-2.62*	
33 41 16 13-0020	LF	18" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	64.88	26.85
		For >1,000, Deduct	*-3.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 16 13-0021	LF	21" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	81.06	34.43
		For >1,000, Deduct	*-4.05*	
33 41 16 13-0022	LF	24" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	98.82	42.01
		For >1,000, Deduct	*-4.94*	
33 41 16 13-0023		Standard Strength Porous Non-Reinforced Concrete Drainage Piping, C654 *(33 41 16 13)*		
33 41 16 13-0024	LF	6" Standard Strength Porous Non-Reinforced Concrete Drainage Pipe	30.28	14.71
		For >1,000, Deduct	*-1.51*	
33 41 16 13-0025	LF	8" Standard Strength Porous Non-Reinforced Concrete Drainage Pipe	38.30	16.34
		For >1,000, Deduct	*-1.92*	
33 41 16 13-0026	LF	10" Standard Strength Porous Non-Reinforced Concrete Drainage Pipe	48.27	17.97
		For >1,000, Deduct	*-2.41*	
33 41 16 13-0027	LF	12" Standard Strength Porous Non-Reinforced Concrete Drainage Pipe	58.43	19.61
		For >1,000, Deduct	*-2.92*	
33 41 16 13-0028	LF	15" Standard Strength Porous Non-Reinforced Concrete Drainage Pipe	66.87	21.81
		For >1,000, Deduct	*-3.34*	
33 41 16 13-0029	LF	18" Standard Strength Porous Non-Reinforced Concrete Drainage Pipe	86.58	27.21
		For >1,000, Deduct	*-4.33*	
33 41 16 13-0030		Perforated Vitrified Clay Drainage Piping, C700 *(33 41 16 13)*		
33 41 16 13-0031	LF	4" Perforated Vitrified Clay Drainage Pipe	30.03	16.34
33 41 16 13-0032	LF	6" Perforated Vitrified Clay Drainage Pipe	35.75	18.38
33 41 16 13-0033	LF	8" Perforated Vitrified Clay Drainage Pipe	40.49	18.38
33 41 16 13-0034	LF	10" Perforated Vitrified Clay Drainage Pipe	54.03	22.47
33 41 16 13-0035	LF	12" Perforated Vitrified Clay Drainage Pipe	63.98	24.51
33 41 16 13-0036		Geotextile Filter Fabric Sock *(33 41 16 13)*		
33 41 16 13-0037	LF	3" Geotextile Filter Fabric Sock	0.93	
33 41 16 13-0038	LF	4" Geotextile Filter Fabric Sock	1.23	
33 41 16 13-0039	LF	6" Geotextile Filter Fabric Sock	1.86	
33 41 16 13-0040	LF	8" Geotextile Filter Fabric Sock	2.51	
33 41 16 13-0041	LF	10" Geotextile Filter Fabric Sock	3.73	
33 41 16 13-0042	LF	12" Geotextile Filter Fabric Sock	5.12	
33 41 16 13-0043	LF	15" Geotextile Filter Fabric Sock	6.13	
33 41 16 13-0044		Prefabricated Composite Drains *(33 41 16 13)*		
33 41 16 13-0045		Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE) *(33 41 16 13-0044)*		
		Note: Excludes excavation and backfill. See CSI section 31 23 16 13-0000 for excavation and backfill.		
33 41 16 13-0046	LF	12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	12.45	2.68
		For External Typar Geotextile Wrap, Add	*2.23*	
33 41 16 13-0047	EA	Coupler For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	56.15	
33 41 16 13-0048	EA	End Cap For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	56.15	
33 41 16 13-0049	EA	Side Outlet For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	107.75	
33 41 16 13-0050	EA	End Outlet For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	107.75	
33 41 16 13-0051	LF	18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	19.79	3.34
		For External Typar Geotextile Wrap, Add	*3.34*	
33 41 16 13-0052	EA	Coupler For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	82.64	
33 41 16 13-0053	EA	End Cap For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	82.64	
33 41 16 13-0054	EA	Side Outlet For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	141.23	
33 41 16 13-0055	EA	End Outlet For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	141.23	
33 41 19		**Underslab Drainage** *(33 41)*		
33 41 19 13		**Underslab Drainage Piping** *(33 41 19)*		
33 41 19 13-0001		Capillary Water Barrier Underslab Drainage *(33 41 19 13)*		
		Note: Consists of a layer of fine granular material overlying a coarse layer.		
33 41 19 13-0002	CY	2" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	69.83	
33 41 19 13-0003	CY	4" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	66.72	
33 41 19 13-0004	CY	6" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	65.48	
33 41 19 13-0005	CY	8" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	63.61	

33 42 Stormwater Conveyance *(33 40)*

Note: Piping includes hydrostatic testing, disinfecting and warning tape. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 42 11 Stormwater Gravity Piping *(33 42)*

33 42 11 00-0001 Reinforced Concrete Piping *(33 42 11)*

Note: Includes detectable tracer wire.

33 42 11 00-0002 Class 3 Reinforced Concrete Pipe Without Gaskets *(33 42 11 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0003	LF	12" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	58.20	19.61
		For >1,000, Deduct	*-2.91*	
		For Class 4, Add	*2.87*	
		For Class 5, Add	*6.04*	
33 42 11 00-0004	LF	15" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	69.82	21.81
		For >1,000, Deduct	*-3.49*	
		For Class 4, Add	*3.67*	
		For Class 5, Add	*7.73*	
33 42 11 00-0005	LF	18" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	79.53	27.21
		For >1,000, Deduct	*-3.98*	
		For Class 4, Add	*3.86*	
		For Class 5, Add	*8.13*	
33 42 11 00-0006	LF	21" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	101.87	34.31
		For >1,000, Deduct	*-5.09*	
		For Class 4, Add	*5.02*	
		For Class 5, Add	*10.57*	
33 42 11 00-0007	LF	24" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	119.32	41.66
		For >1,000, Deduct	*-5.97*	
		For Class 4, Add	*5.68*	
		For Class 5, Add	*11.96*	

33 42 11 00-0008 Concrete Reducing Wye Without Gaskets *(33 42 11 00-0001)*

33 42 11 00-0009	EA	12" Concrete Reducing Wye Without Gaskets	703.61	74.69
33 42 11 00-0010	EA	15" Concrete Reducing Wye Without Gaskets	843.83	91.03
33 42 11 00-0011	EA	18" Concrete Reducing Wye Without Gaskets	1,042.32	100.37
33 42 11 00-0012	EA	21" Concrete Reducing Wye Without Gaskets	1,196.54	123.71
33 42 11 00-0013	EA	24" Concrete Reducing Wye Without Gaskets	1,352.57	149.39

33 42 11 00-0014 Concrete Pipe Joint Gaskets *(33 42 11 00-0001)*

33 42 11 00-0015	EA	12" Diameter Concrete Pipe Joint Gasket	6.70	
33 42 11 00-0016	EA	15" Diameter Concrete Pipe Joint Gasket	7.92	
33 42 11 00-0017	EA	18" Diameter Concrete Pipe Joint Gasket	9.18	
33 42 11 00-0018	EA	21" Diameter Concrete Pipe Joint Gasket	11.09	
33 42 11 00-0019	EA	24" Diameter Concrete Pipe Joint Gasket	12.99	

33 42 11 00-0020 Precast Concrete Cut Off Wall *(33 42 11 00-0001)*

33 42 11 00-0021	EA	12" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	312.10	220.43
33 42 11 00-0022	EA	15" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	385.07	273.05
33 42 11 00-0023	EA	18" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	478.07	345.69
33 42 11 00-0024	EA	21" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	566.05	413.32
33 42 11 00-0025	EA	24" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	651.40	478.32
33 42 11 00-0026	EA	27" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	804.64	611.21
33 42 11 00-0027	EA	30" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,055.63	841.67
33 42 11 00-0028	EA	36" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,316.97	1,062.12
33 42 11 00-0029	EA	42" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,627.77	1,332.40
33 42 11 00-0030	EA	48" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,822.60	1,501.74
33 42 11 00-0031	EA	54" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	2,035.37	1,683.35
33 42 11 00-0032	EA	60" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	2,251.33	1,869.97
33 42 11 00-0033	EA	66" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	2,339.22	1,941.36
33 42 11 00-0034	EA	72" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	2,416.52	2,003.99
33 42 11 00-0035	EA	78" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	2,493.81	2,066.61
33 42 11 00-0036	EA	84" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	2,572.94	2,129.24

33 42 11 00-0037 Strap Assembly *(33 42 11 00-0001)*

Note: Includes drilling holes in concrete pipe, setting threaded rod, bolts, and mounting the 12' strap.

33 42 11 00-0038	EA	Up To 24" Diameter Pipe, 12' Strap Assembly	273.81	
33 42 11 00-0039	EA	>24" Diameter Pipe, 12' Strap Assembly	386.31	

33 42 11 00-0040 Prestressed Concrete Cylinder Piping *(33 42 11)*

Note: Includes detectable tracer wire.

33 42 11 00-0041 150 PSI Prestressed Concrete Cylinder Pipe And Fittings *(33 42 11 00-0040)*

33 42 11 00-0042 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets *(33 42 11 00-0041)*

Note: Lined-cylinder pipe (AWWA C301) up to 48". Embedded-cylinder pipe (AWWA C301) >48".

33 42 11 00-0043	LF	12" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	158.09	19.61
		For >1,000, Deduct	*-7.90*	
		For 100 PSI, Deduct	*-32.52*	
33 42 11 00-0044	LF	15" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	168.77	21.81
		For >1,000, Deduct	*-8.44*	
		For 100 PSI, Deduct	*-34.40*	
33 42 11 00-0045	LF	18" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	184.00	27.21
		For >1,000, Deduct	*-9.20*	
		For 100 PSI, Deduct	*-36.29*	
33 42 11 00-0046	LF	21" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	201.69	34.31
		For >1,000, Deduct	*-10.08*	
		For 100 PSI, Deduct	*-38.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0047	LF	24" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	219.72	41.66
		For >1,000, Deduct	*-10.99*	
		For 100 PSI, Deduct	*-40.05*	
33 42 11 00-0048		**150 PSI Prestressed Concrete Cylinder 90 Degree Elbows With Gaskets** *(33 42 11 00-0041)*		
33 42 11 00-0049	EA	12" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	542.21	183.81
33 42 11 00-0050	EA	15" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	751.10	262.59
33 42 11 00-0051	EA	18" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	967.24	350.12
33 42 11 00-0052	EA	21" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,183.37	437.65
33 42 11 00-0053	EA	24" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,438.01	543.85
33 42 11 00-0054	EA	30" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,840.02	729.41
33 42 11 00-0055	EA	42" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,679.84	1,023.29
33 42 11 00-0056	EA	54" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	3,716.75	1,459.16
33 42 11 00-0057		**150 PSI Prestressed Concrete Cylinder 45 Degree Elbows With Gaskets** *(33 42 11 00-0041)*		
33 42 11 00-0058	EA	12" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	507.29	183.81
33 42 11 00-0059	EA	15" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	705.92	262.59
33 42 11 00-0060	EA	18" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	913.84	350.12
33 42 11 00-0061	EA	21" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,121.75	437.65
33 42 11 00-0062	EA	24" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,368.17	543.85
33 42 11 00-0063	EA	30" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,744.18	680.40
33 42 11 00-0064	EA	42" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,553.19	1,023.29
33 42 11 00-0065	EA	54" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	3,519.48	1,459.16
33 42 11 00-0066		**Vitrified Clay Piping** *(33 42 11)*		
33 42 11 00-0067		**Extra Strength Vitrified Clay Piping** *(33 42 11 00-0066)*		
33 42 11 00-0068		**Plain Joint, Extra Strength, Vitrified Clay Piping** *(33 42 11 00-0067)*		
		Note: ASTM C700.		
33 42 11 00-0069	LF	4" Plain Joint, Extra Strength, Vitrified Clay Pipe	24.08	
		For 3' Lengths, Add	*2.03*	
		For 2' Lengths, Add	*2.70*	
		For Standard Strength, Deduct	*-0.68*	
		For >1,000, Deduct	*-1.20*	
33 42 11 00-0070	LF	6" Plain Joint, Extra Strength, Vitrified Clay Pipe	40.01	
		For 3' Lengths, Add	*3.14*	
		For 2' Lengths, Add	*4.19*	
		For Standard Strength, Deduct	*-1.05*	
		For >1,000, Deduct	*-2.00*	
33 42 11 00-0071	LF	8" Plain Joint, Extra Strength, Vitrified Clay Pipe	47.79	
		For 3' Lengths, Add	*4.49*	
		For 2' Lengths, Add	*5.99*	
		For Standard Strength, Deduct	*-1.50*	
		For >1,000, Deduct	*-2.39*	
33 42 11 00-0072	LF	10" Plain Joint, Extra Strength, Vitrified Clay Pipe	56.95	
		For 3' Lengths, Add	*6.88*	
		For 2' Lengths, Add	*9.18*	
		For Standard Strength, Deduct	*-2.29*	
		For >1,000, Deduct	*-2.85*	
33 42 11 00-0073	LF	12" Plain Joint, Extra Strength, Vitrified Clay Pipe	69.49	
		For 3' Lengths, Add	*9.72*	
		For 2' Lengths, Add	*12.96*	
		For Standard Strength, Deduct	*-3.24*	
		For >1,000, Deduct	*-3.47*	
33 42 11 00-0074		**Compression Joint, Extra Strength, Vitrified Clay Piping** *(33 42 11 00-0067)*		
		Note: ASTM C425.		
33 42 11 00-0075	LF	4" Compression Joint, Extra Strength, Vitrified Clay Pipe	34.22	
		For 3' Lengths, Add	*2.39*	
		For 2' Lengths, Add	*3.18*	
		For Standard Strength, Deduct	*-0.80*	
		For >1,000, Deduct	*-1.71*	
33 42 11 00-0076	LF	6" Compression Joint, Extra Strength, Vitrified Clay Pipe	42.53	
		For 3' Lengths, Add	*3.90*	
		For 2' Lengths, Add	*5.20*	
		For Standard Strength, Deduct	*-1.30*	
		For >1,000, Deduct	*-2.13*	
33 42 11 00-0077	LF	8" Compression Joint, Extra Strength, Vitrified Clay Pipe	51.17	
		For 3' Lengths, Add	*5.51*	
		For 2' Lengths, Add	*7.34*	
		For Standard Strength, Deduct	*-1.84*	
		For >1,000, Deduct	*-2.56*	
33 42 11 00-0078	LF	10" Compression Joint, Extra Strength, Vitrified Clay Pipe	64.15	
		For 3' Lengths, Add	*9.04*	
		For 2' Lengths, Add	*12.06*	
		For Standard Strength, Deduct	*-3.01*	
		For >1,000, Deduct	*-3.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0079	LF	12" Compression Joint, Extra Strength, Vitrified Clay Pipe	76.69	
		For 3' Lengths, Add	*11.88*	
		For 2' Lengths, Add	*15.84*	
		For Standard Strength, Deduct	*-3.96*	
		For >1,000, Deduct	*-3.83*	

33 42 11 00-0080 Extra Strength, Vitrified Clay Pipe Fittings *(33 42 11 00-0066)*

33 42 11 00-0081 1/8 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-0080)*

33 42 11 00-0082 Plain End 1/8 Bend, Extra Strength, Vitrified Clay *(33 42 11 00-0081)*

33 42 11 00-0083	EA	4" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	100.15
33 42 11 00-0084	EA	6" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	135.02
33 42 11 00-0085	EA	8" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	192.50
33 42 11 00-0086	EA	10" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	263.48
33 42 11 00-0087	EA	12" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	347.76

33 42 11 00-0088 Compression Joint 1/8 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-0081)*

33 42 11 00-0089	EA	4" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	113.32
33 42 11 00-0090	EA	6" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	160.74
33 42 11 00-0091	EA	8" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	217.34
33 42 11 00-0092	EA	10" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	290.02
33 42 11 00-0093	EA	12" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	367.81

33 42 11 00-0094 1/4 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-0080)*

33 42 11 00-0095 Plain End 1/4 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-0094)*

33 42 11 00-0096	EA	4" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	117.48
33 42 11 00-0097	EA	6" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	155.90
33 42 11 00-0098	EA	8" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	216.92
33 42 11 00-0099	EA	10" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	289.82
33 42 11 00-0100	EA	12" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	377.44

33 42 11 00-0101 Compression Joint 1/4 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-0094)*

33 42 11 00-0102	EA	4" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	134.11
33 42 11 00-0103	EA	6" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	185.78
33 42 11 00-0104	EA	8" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	246.64
33 42 11 00-0105	EA	10" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	321.63
33 42 11 00-0106	EA	12" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	403.43

33 42 11 00-0107 Wyes Or Tees, Extra Strength, Vitrified Clay *(33 42 11 00-0080)*

33 42 11 00-0108 Plain End Wyes Or Tees, Extra Strength, Vitrified Clay *(33 42 11 00-0107)*

33 42 11 00-0109	EA	4" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	129.44
33 42 11 00-0110	EA	6" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	168.69
33 42 11 00-0111	EA	8" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	228.55
33 42 11 00-0112	EA	10" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	300.28
33 42 11 00-0113	EA	12" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	379.09

33 42 11 00-0114 Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay *(33 42 11 00-0107)*

33 42 11 00-0115	EA	4" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	158.08
33 42 11 00-0116	EA	6" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	216.18
33 42 11 00-0117	EA	8" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	284.02
33 42 11 00-0118	EA	10" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	365.44
33 42 11 00-0119	EA	12" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	455.35

33 42 11 00-0120 Vitrified Clay Couplings *(33 42 11 00-0066)*

33 42 11 00-0121 Vitrified Clay To Cast Iron Or Plastic Pipe Couplings *(33 42 11 00-0120)*

Note: Stainless steel tightening band at each end (Fernco #1002)

33 42 11 00-0122	EA	4" x 3" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	35.78
33 42 11 00-0123	EA	4" x 4" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	35.47
33 42 11 00-0124	EA	5" x 4" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	47.77
33 42 11 00-0125	EA	5" x 5" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	45.29
33 42 11 00-0126	EA	6" x 4" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	57.81
33 42 11 00-0127	EA	6" x 5" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	59.97
33 42 11 00-0128	EA	6" x 6" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	55.20
33 42 11 00-0129	EA	8" x 6" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	78.02
33 42 11 00-0130	EA	8" x 8" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	72.57
33 42 11 00-0131	EA	10" x 8" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	100.88
33 42 11 00-0132	EA	10" x 10" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	92.46
33 42 11 00-0133	EA	12" x 10" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	124.37
33 42 11 00-0134	EA	12" x 12" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	105.05
33 42 11 00-0135	EA	15" x 12" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	206.45
33 42 11 00-0136	EA	15" x 15" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	160.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0137		**Vitrified Clay To Vitrified Clay Pipe Non-Shear Couplings** *(33 42 11 00-0120)* Note: Stainless steel tightening band at each end. (NDS Non-shear)		
33 42 11 00-0138	EA	4" x 4" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling	77.50	
33 42 11 00-0139	EA	6" x 4" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling	103.35	
33 42 11 00-0140	EA	6" x 6" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling	109.35	
33 42 11 00-0141	EA	8" x 8" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling	114.63	
33 42 11 00-0142	EA	10" x 10" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling	141.71	
33 42 11 00-0143	EA	12" x 12" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling	164.54	
33 42 11 00-0144		**Vitrified Clay To Plastic Pipe Non-Shear Couplings** *(33 42 11 00-0120)* Note: Stainless steel tightening band at each end. (NDS Non-shear)		
33 42 11 00-0145	EA	4" x 4" Vitrified Clay To Plastic Pipe Non-Shear Coupling	79.51	
33 42 11 00-0146	EA	6" x 4" Vitrified Clay To Plastic Pipe Non-Shear Coupling	105.36	
33 42 11 00-0147	EA	6" x 6" Vitrified Clay To Plastic Pipe Non-Shear Coupling	96.42	
33 42 11 00-0148	EA	8" x 8" Vitrified Clay To Plastic Pipe Non-Shear Coupling	126.65	
33 42 11 00-0149	EA	10" x 10" Vitrified Clay To Plastic Pipe Non-Shear Coupling	183.81	
33 42 11 00-0150	EA	12" x 12" Vitrified Clay To Plastic Pipe Non-Shear Coupling	207.77	

33 42 13 Stormwater Culverts *(33 42)*

33 42 13 13 Precast Concrete Stormwater Culverts *(33 42 13)*

33 42 13 13-0001 Precast Reinforced Concrete Box Culvert *(33 42 13 13)*

Note: The quantity required shall be the entire length of the culvert including the length of the cut-off sections. Includes delivery, handling, hoisting into place, alignment, bracing, permanent connections, grouting of joints and caulking of joints. Excludes crane, excavation and backfill. Minimum length 6'-0". See CSI section 01 22 23 00-0845 for crane lifting equipment.

33 42 13 13-0002	LF	3' x 3' Precast Reinforced Concrete Box Culvert	465.42	62.63
		For Each LF Of Cut-Off Section, Add	*18.62*	
33 42 13 13-0003	LF	4' x 2' Precast Reinforced Concrete Box Culvert	522.78	62.63
		For Each LF Of Cut-Off Section, Add	*20.91*	
33 42 13 13-0004	LF	4' x 3' Precast Reinforced Concrete Box Culvert	615.43	62.63
		For Each LF Of Cut-Off Section, Add	*24.62*	
33 42 13 13-0005	LF	5' x 3' Precast Reinforced Concrete Box Culvert	739.50	78.28
		For Each LF Of Cut-Off Section, Add	*29.58*	
33 42 13 13-0006	LF	5' x 4' Precast Reinforced Concrete Box Culvert	757.15	78.28
		For Each LF Of Cut-Off Section, Add	*30.29*	
33 42 13 13-0007	LF	5' x 5' Precast Reinforced Concrete Box Culvert	765.98	78.28
		For Each LF Of Cut-Off Section, Add	*30.64*	
33 42 13 13-0008	LF	6' x 3' Precast Reinforced Concrete Box Culvert	789.91	81.41
		For Each LF Of Cut-Off Section, Add	*31.60*	
33 42 13 13-0009	LF	6' x 4' Precast Reinforced Concrete Box Culvert	794.33	81.41
		For Each LF Of Cut-Off Section, Add	*31.77*	
33 42 13 13-0010	LF	6' x 6' Precast Reinforced Concrete Box Culvert	873.74	81.41
		For Each LF Of Cut-Off Section, Add	*34.95*	
33 42 13 13-0011	LF	7' x 4' Precast Reinforced Concrete Box Culvert	898.89	93.94
		For Each LF Of Cut-Off Section, Add	*35.96*	
33 42 13 13-0012	LF	7' x 6' Precast Reinforced Concrete Box Culvert	966.76	127.75
		For Each LF Of Cut-Off Section, Add	*38.67*	
33 42 13 13-0013	LF	8' x 2' Precast Reinforced Concrete Box Culvert	878.15	81.41
		For Each LF Of Cut-Off Section, Add	*35.13*	
33 42 13 13-0014	LF	8' x 3' Precast Reinforced Concrete Box Culvert	903.30	93.94
		For Each LF Of Cut-Off Section, Add	*36.13*	
33 42 13 13-0015	LF	8' x 4' Precast Reinforced Concrete Box Culvert	916.54	93.94
		For Each LF Of Cut-Off Section, Add	*36.66*	
33 42 13 13-0016	LF	8' x 5' Precast Reinforced Concrete Box Culvert	1,108.21	125.25
		For Each LF Of Cut-Off Section, Add	*44.33*	
33 42 13 13-0017	LF	8' x 6' Precast Reinforced Concrete Box Culvert	1,111.74	125.25
		For Each LF Of Cut-Off Section, Add	*44.47*	
33 42 13 13-0018	LF	8' x 8' Precast Reinforced Concrete Box Culvert	1,233.72	156.56
		For Each LF Of Cut-Off Section, Add	*49.35*	
33 42 13 13-0019	LF	9' x 4' Precast Reinforced Concrete Box Culvert	1,222.04	125.25
		For Each LF Of Cut-Off Section, Add	*48.88*	
33 42 13 13-0020	LF	9' x 6' Precast Reinforced Concrete Box Culvert	1,298.14	156.56
		For Each LF Of Cut-Off Section, Add	*51.93*	
33 42 13 13-0021	LF	10' x 3' Precast Reinforced Concrete Box Culvert	1,302.55	156.56
		For Each LF Of Cut-Off Section, Add	*52.10*	
33 42 13 13-0022	LF	10' x 4' Precast Reinforced Concrete Box Culvert	1,576.09	156.56
		For Each LF Of Cut-Off Section, Add	*63.04*	
33 42 13 13-0023	LF	10' x 5' Precast Reinforced Concrete Box Culvert	1,656.59	187.87
		For Each LF Of Cut-Off Section, Add	*66.26*	
33 42 13 13-0024	LF	10' x 6' Precast Reinforced Concrete Box Culvert	1,674.24	187.87
		For Each LF Of Cut-Off Section, Add	*66.97*	
33 42 13 13-0025	LF	10' x 7' Precast Reinforced Concrete Box Culvert	1,678.65	187.87
		For Each LF Of Cut-Off Section, Add	*67.15*	
33 42 13 13-0026	LF	10' x 8' Precast Reinforced Concrete Box Culvert	1,684.83	187.87
		For Each LF Of Cut-Off Section, Add	*67.39*	
33 42 13 13-0027	LF	12' x 3' Precast Reinforced Concrete Box Culvert	1,754.74	219.18
		For Each LF Of Cut-Off Section, Add	*70.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 13 13-0028	LF	12' x 4' Precast Reinforced Concrete Box Culvert	1,754.74	219.18
		For Each LF Of Cut-Off Section, Add	*70.19*	
33 42 13 13-0029	LF	12' x 6' Precast Reinforced Concrete Box Culvert	1,754.74	219.18
		For Each LF Of Cut-Off Section, Add	*70.19*	
33 42 13 13-0030	LF	12' x 8' Precast Reinforced Concrete Box Culvert	1,754.74	219.18
		For Each LF Of Cut-Off Section, Add	*70.19*	
33 42 13 13-0031	LF	16' x 10' Precast Reinforced Concrete Box Culvert	2,541.15	250.50
		For Each LF Of Cut-Off Section, Add	*101.65*	
33 42 13 13-0032	LF	24' x 10' Precast Reinforced Concrete Box Culvert	3,511.79	250.50
		For Each LF Of Cut-Off Section, Add	*140.47*	

33 42 13 13-0033 Precast Reinforced Concrete Box Culvert For Roadways *(33 42 13 13)*

Note: AASHTO HL-93 Rated. The quantity required shall be the entire length of the culvert including the length of the cut-off sections. Includes delivery, handling, hoisting into place, alignment, bracing, permanent connections, grouting of joints and caulking of joints. Excludes crane, excavation and backfill. Minimum length 6'-0". See CSI section 01 22 23 00-0845 for crane lifting equipment.

33 42 13 13-0034	LF	3' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,140.90	62.63
		For Each LF Of Cut-Off Section, Add	*45.64*	
33 42 13 13-0035	LF	4' x 2' Precast Reinforced Concrete Box Culvert For Roadways	1,225.66	62.63
		For Each LF Of Cut-Off Section, Add	*49.03*	
33 42 13 13-0036	LF	4' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,375.65	62.63
		For Each LF Of Cut-Off Section, Add	*55.03*	
33 42 13 13-0037	LF	5' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,557.04	78.28
		For Each LF Of Cut-Off Section, Add	*62.28*	
33 42 13 13-0038	LF	5' x 4' Precast Reinforced Concrete Box Culvert For Roadways	1,707.04	78.28
		For Each LF Of Cut-Off Section, Add	*68.28*	
33 42 13 13-0039	LF	5' x 5' Precast Reinforced Concrete Box Culvert For Roadways	1,857.04	78.28
		For Each LF Of Cut-Off Section, Add	*74.28*	
33 42 13 13-0040	LF	6' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,713.33	81.41
		For Each LF Of Cut-Off Section, Add	*68.53*	
33 42 13 13-0041	LF	6' x 4' Precast Reinforced Concrete Box Culvert For Roadways	1,863.33	81.41
		For Each LF Of Cut-Off Section, Add	*74.53*	
33 42 13 13-0042	LF	6' x 6' Precast Reinforced Concrete Box Culvert For Roadways	2,163.33	81.41
		For Each LF Of Cut-Off Section, Add	*86.53*	
33 42 13 13-0043	LF	7' x 4' Precast Reinforced Concrete Box Culvert For Roadways	2,038.48	93.94
		For Each LF Of Cut-Off Section, Add	*81.54*	
33 42 13 13-0044	LF	7' x 6' Precast Reinforced Concrete Box Culvert For Roadways	2,406.31	127.75
		For Each LF Of Cut-Off Section, Add	*96.25*	
33 42 13 13-0045	LF	8' x 2' Precast Reinforced Concrete Box Culvert For Roadways	1,863.33	81.41
		For Each LF Of Cut-Off Section, Add	*74.53*	
33 42 13 13-0046	LF	8' x 3' Precast Reinforced Concrete Box Culvert For Roadways	2,038.48	93.94
		For Each LF Of Cut-Off Section, Add	*81.54*	
33 42 13 13-0047	LF	8' x 4' Precast Reinforced Concrete Box Culvert For Roadways	2,188.48	93.94
		For Each LF Of Cut-Off Section, Add	*87.54*	
33 42 13 13-0048	LF	8' x 5' Precast Reinforced Concrete Box Culvert For Roadways	2,401.28	125.25
		For Each LF Of Cut-Off Section, Add	*96.05*	
33 42 13 13-0049	LF	8' x 6' Precast Reinforced Concrete Box Culvert For Roadways	2,551.28	125.25
		For Each LF Of Cut-Off Section, Add	*102.05*	
33 42 13 13-0050	LF	8' x 8' Precast Reinforced Concrete Box Culvert For Roadways	2,914.14	156.56
		For Each LF Of Cut-Off Section, Add	*116.57*	
33 42 13 13-0051	LF	9' x 4' Precast Reinforced Concrete Box Culvert For Roadways	2,575.83	125.25
		For Each LF Of Cut-Off Section, Add	*103.03*	
33 42 13 13-0052	LF	9' x 6' Precast Reinforced Concrete Box Culvert For Roadways	2,959.28	156.56
		For Each LF Of Cut-Off Section, Add	*118.37*	
33 42 13 13-0053	LF	10' x 3' Precast Reinforced Concrete Box Culvert For Roadways	2,926.64	156.56
		For Each LF Of Cut-Off Section, Add	*117.07*	
33 42 13 13-0054	LF	10' x 4' Precast Reinforced Concrete Box Culvert For Roadways	3,104.75	156.56
		For Each LF Of Cut-Off Section, Add	*124.19*	
33 42 13 13-0055	LF	10' x 5' Precast Reinforced Concrete Box Culvert For Roadways	3,345.71	187.87
		For Each LF Of Cut-Off Section, Add	*133.83*	
33 42 13 13-0056	LF	10' x 6' Precast Reinforced Concrete Box Culvert For Roadways	3,523.82	187.87
		For Each LF Of Cut-Off Section, Add	*140.95*	
33 42 13 13-0057	LF	10' x 7' Precast Reinforced Concrete Box Culvert For Roadways	3,701.96	187.87
		For Each LF Of Cut-Off Section, Add	*148.08*	
33 42 13 13-0058	LF	10' x 8' Precast Reinforced Concrete Box Culvert For Roadways	3,880.07	187.87
		For Each LF Of Cut-Off Section, Add	*155.20*	
33 42 13 13-0059	LF	12' x 3' Precast Reinforced Concrete Box Culvert For Roadways	3,882.31	219.18
		For Each LF Of Cut-Off Section, Add	*155.29*	
33 42 13 13-0060	LF	12' x 4' Precast Reinforced Concrete Box Culvert For Roadways	4,084.77	219.18
		For Each LF Of Cut-Off Section, Add	*163.39*	
33 42 13 13-0061	LF	12' x 6' Precast Reinforced Concrete Box Culvert For Roadways	4,489.75	219.18
		For Each LF Of Cut-Off Section, Add	*179.59*	
33 42 13 13-0062	LF	12' x 8' Precast Reinforced Concrete Box Culvert For Roadways	4,894.74	219.18
		For Each LF Of Cut-Off Section, Add	*195.79*	
33 42 13 13-0063	LF	16' x 10' Precast Reinforced Concrete Box Culvert For Roadways	5,857.55	250.50
		For Each LF Of Cut-Off Section, Add	*234.30*	
33 42 13 13-0064	LF	24' x 10' Precast Reinforced Concrete Box Culvert For Roadways	7,387.47	250.50
		For Each LF Of Cut-Off Section, Add	*295.50*	

33 42 23 Headwalls and Endwalls for Stormwater Piping *(33 42)*

33 42 23 00-0001 Headwalls *(33 42 23)*

Note: Excludes excavation and backfill. Select pipe with closest opening area for square or round culverts.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 23 00-0002		Cast In Place Concrete Headwalls *(33 42 23 00-0001)*		
		Note: Includes concrete, forms, rebar (where required), finish and curing.		
33 42 23 00-0003		Skewed Wingwall, Cast In Place Concrete Headwall *(33 42 23 00-0002)*		
		Note: Sized by pipe diameter.		
33 42 23 00-0004	EA	12" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	1,667.42	742.90
33 42 23 00-0005		Precast Concrete Headwalls *(33 42 23 00-0001)*		
33 42 23 00-0006	EA	12" Pipe, Precast Concrete Headwall	965.67	210.07
33 42 23 00-0007		Precast Concrete Wingwalls *(33 42 23 00-0001)*		
33 42 23 00-0008	EA	18" ID Pipe (26" Hole) Precast Concrete Wingwall	6,075.23	2,231.94
		Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.		
33 42 23 00-0009	EA	24" ID Pipe (32" Hole) Precast Concrete Wingwall	6,450.98	2,479.94
		Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.		
33 42 26		**End Sections for Stormwater Piping** *(33 42)*		
33 42 26 23		**Concrete End Sections for Stormwater Piping** *(33 42 26)*		
33 42 26 23-0001		Precast Concrete End Sections *(33 42 26 23)*		
33 42 26 23-0002		Precast Concrete End Sections *(33 42 26 23-0001)*		
33 42 26 23-0003	EA	12" Diameter Pipe, Precast Concrete End Section	763.58	136.90
33 42 26 23-0004	EA	15" Diameter Pipe, Precast Concrete End Section	1,023.18	169.45
33 42 26 23-0005	EA	18" Diameter Pipe, Precast Concrete End Section	1,267.49	214.50
33 42 26 23-0006	EA	21" Diameter Pipe, Precast Concrete End Section	1,455.89	256.52
33 42 26 23-0007	EA	24" Diameter Pipe, Precast Concrete End Section	1,550.48	296.90
33 42 26 23-0008		Flared Precast Concrete End Sections *(33 42 26 23-0001)*		
33 42 26 23-0009	EA	12" Diameter Pipe, Flared Precast Concrete End Section	958.09	145.92
33 42 26 23-0010	EA	15" Diameter Pipe, Flared Precast Concrete End Section	1,154.49	181.86
33 42 26 23-0011	EA	18" Diameter Pipe, Flared Precast Concrete End Section	1,402.91	230.21
33 42 26 23-0012	EA	21" Diameter Pipe, Flared Precast Concrete End Section	1,604.78	275.30
33 42 26 23-0013	EA	24" Diameter Pipe, Flared Precast Concrete End Section	1,955.78	318.64
33 42 31		**Stormwater Area Drains and Inlets** *(33 42)*		
33 42 31 00-0001		Storm Drains *(33 42 31)*		
33 42 31 00-0002		Catch Basins And Inlet Basins *(33 42 31 00-0001)*		
		Note: Includes base slab, opening and grout. Excludes frame, grate, excavation and backfill.		
33 42 31 00-0003		Cast In Place, Grate Drop Inlet Basins *(33 42 31 00-0002)*		
		Note: Inside dimensions.		
33 42 31 00-0004		3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basins *(33 42 31 00-0003)*		
33 42 31 00-0005	EA	2' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	1,940.98	365.40
33 42 31 00-0006	EA	3' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,316.27	428.13
33 42 31 00-0007	EA	4' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,691.57	490.76
33 42 31 00-0008	EA	5' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,066.86	553.49
33 42 31 00-0009	EA	6' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,442.15	616.12
33 42 31 00-0010		3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basins *(33 42 31 00-0003)*		
33 42 31 00-0011	EA	2' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,474.24	363.20
33 42 31 00-0012	EA	3' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,066.85	484.26
33 42 31 00-0013	EA	4' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,923.49	660.36
33 42 31 00-0014	EA	5' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	4,772.92	770.42
33 42 31 00-0015	EA	6' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	5,453.09	880.48
33 42 31 00-0016		4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basins *(33 42 31 00-0003)*		
33 42 31 00-0017	EA	2' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,658.23	396.21
33 42 31 00-0018	EA	3' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,681.51	550.30
33 42 31 00-0019	EA	4' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	4,507.13	715.39
33 42 31 00-0020	EA	5' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	5,205.05	825.45
33 42 31 00-0021	EA	6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	6,604.02	1,056.58
33 42 31 00-0022		Cast In Place, Catch Basin *(33 42 31 00-0002)*		
		Note: Inside span, overall depth. Includes concrete, forms, rebar (where required), finish and curing.		
33 42 31 00-0023		3' x 3', Cast In Place, Catch Basins *(33 42 31 00-0022)*		
33 42 31 00-0024	EA	3' Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	2,445.56	441.78
33 42 31 00-0025	EA	3'-6" Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	2,593.89	469.74
33 42 31 00-0026	EA	4' Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	2,838.97	504.52
33 42 31 00-0027	EA	4'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,187.89	558.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0028	EA	5' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,442.48	594.44
33 42 31 00-0029	EA	5'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,604.99	623.38
33 42 31 00-0030	EA	6' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,859.80	659.37
33 42 31 00-0031	EA	6'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	4,018.15	688.43
33 42 31 00-0032	EA	7' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	4,275.17	724.31
33 42 31 00-0033	EA	7'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	4,435.46	753.36
33 42 31 00-0034	EA	8' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	4,690.17	789.35
33 42 31 00-0035	VLF	>8' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	586.30	98.61
33 42 31 00-0036		**3'-6" x 3'-6", Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0037	EA	3' Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	2,813.73	510.68
33 42 31 00-0038	EA	3'-6" Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	3,001.75	546.56
33 42 31 00-0039	EA	4' Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	3,256.75	582.55
33 42 31 00-0040	EA	4'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,664.61	645.17
33 42 31 00-0041	EA	5' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,943.89	685.89
33 42 31 00-0042	EA	5'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,130.86	719.68
33 42 31 00-0043	EA	6' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,414.08	760.41
33 42 31 00-0044	EA	6'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,601.05	794.20
33 42 31 00-0045	EA	7' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,882.43	834.92
33 42 31 00-0046	EA	7'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,069.02	868.70
33 42 31 00-0047	EA	8' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,350.51	909.42
33 42 31 00-0048	VLF	>8' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	668.84	113.69
33 42 31 00-0049		**4' x 4', Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0050	EA	3' Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	3,208.15	584.20
33 42 31 00-0051	EA	3'-6" Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	3,406.09	621.29
33 42 31 00-0052	EA	4' Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	3,698.56	665.20
33 42 31 00-0053	EA	4'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	4,166.02	736.63
33 42 31 00-0054	EA	5' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	4,473.81	782.09
33 42 31 00-0055	EA	5'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	4,686.98	820.72
33 42 31 00-0056	EA	6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	4,994.78	866.18
33 42 31 00-0057	EA	6'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	5,208.33	904.80
33 42 31 00-0058	EA	7' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	5,516.13	950.25
33 42 31 00-0059	EA	7'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	5,729.29	988.89
33 42 31 00-0060	EA	8' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	6,037.09	1,034.45
33 42 31 00-0061	VLF	>8' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	754.59	129.33
33 42 31 00-0062		**4'-6" x 4'-6", Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0063	EA	3' Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin	3,717.39	677.42
33 42 31 00-0064	EA	3'-6" Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin	3,949.66	715.72
33 42 31 00-0065	EA	4' Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin	4,274.72	765.25
33 42 31 00-0066	EA	4'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,807.99	846.47
33 42 31 00-0067	EA	5' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,150.87	897.76
33 42 31 00-0068	EA	5'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,399.22	942.12
33 42 31 00-0069	EA	6' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,741.73	993.40
33 42 31 00-0070	EA	6'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,990.08	1,037.87
33 42 31 00-0071	EA	7' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,332.97	1,089.15
33 42 31 00-0072	EA	7'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,579.12	1,133.51
33 42 31 00-0073	EA	8' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,923.82	1,184.80
33 42 31 00-0074	VLF	>8' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	865.54	148.14
33 42 31 00-0075		**5' x 5', Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0076	EA	4' Deep, 5' x 5' x 6" Thick Wall, Cast In Place, Catch Basin	4,785.43	859.24
33 42 31 00-0077	EA	4'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	5,379.49	949.49
33 42 31 00-0078	EA	5' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	5,751.34	1,005.73
33 42 31 00-0079	EA	5'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	6,026.44	1,055.04
33 42 31 00-0080	EA	6' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	6,394.23	1,111.16
33 42 31 00-0081	EA	6'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	6,671.56	1,160.47
33 42 31 00-0082	EA	7' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	7,041.18	1,216.72
33 42 31 00-0083	EA	7'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	7,314.44	1,266.02
33 42 31 00-0084	EA	8' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	7,686.29	1,322.15
33 42 31 00-0085	VLF	>8' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	1,371.25	165.31
33 42 31 00-0086		**5'-6" x 5'-6", Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0087	EA	4' Deep, 5'-6" x 5'-6" x 6" Thick Wall, Cast In Place, Catch Basin	5,321.11	958.19
33 42 31 00-0088	EA	4'-6" Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,204.40	1,084.65
33 42 31 00-0089	EA	5' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,617.40	1,147.15
33 42 31 00-0090	EA	5'-6" Deep, 5'-6" x 5' x 8" Thick Wall, Cast In Place, Catch Basin	6,933.66	1,203.17
33 42 31 00-0091	EA	6' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,348.50	1,266.13
33 42 31 00-0092	EA	6'-6" Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,666.96	1,322.15
33 42 31 00-0093	EA	7' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	8,079.96	1,385.11
33 42 31 00-0094	EA	7'-6" Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	8,396.23	1,441.13
33 42 31 00-0095	EA	8' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	8,809.22	1,504.08
33 42 31 00-0096	VLF	>8' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	1,101.15	187.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0097		**6' x 6', Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0098	EA	4' Deep, 6' x 6' x 6" Thick Wall, Cast In Place, Catch Basin	5,885.33	1,061.75
33 42 31 00-0099	EA	4'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	6,859.08	1,200.54
33 42 31 00-0100	EA	5' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	7,301.70	1,268.55
33 42 31 00-0101	EA	5'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	7,647.96	1,329.64
33 42 31 00-0102	EA	6' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	8,088.37	1,397.65
33 42 31 00-0103	EA	6'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	8,436.46	1,458.73
33 42 31 00-0104	EA	7' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	8,877.25	1,526.75
33 42 31 00-0105	EA	7'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	9,223.13	1,587.84
33 42 31 00-0106	EA	8' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	9,665.75	1,655.85
33 42 31 00-0107	VLF	>8' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	1,208.27	207.03
33 42 31 00-0108		**6'-6" x 6'-6", Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0109	EA	4' Deep, 6'-6" x 6'-6" x 6" Thick Wall, Cast In Place, Catch Basin	6,474.01	1,170.27
33 42 31 00-0110	EA	4'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,829.68	1,355.83
33 42 31 00-0111	EA	5' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	8,317.75	1,431.11
33 42 31 00-0112	EA	5'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	8,711.21	1,499.45
33 42 31 00-0113	EA	6' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	9,199.29	1,574.63
33 42 31 00-0114	EA	6'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	9,592.75	1,643.09
33 42 31 00-0115	EA	7' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	10,080.81	1,718.25
33 42 31 00-0116	EA	7'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	10,474.28	1,786.60
33 42 31 00-0117	EA	8' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	10,964.19	1,861.89
33 42 31 00-0118	VLF	>8' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	1,370.47	232.78
33 42 31 00-0119		**7' x 7', Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0120	EA	4' Deep, 7' x 7' x 6" Thick Wall, Cast In Place, Catch Basin	7,089.58	1,283.52
33 42 31 00-0121	EA	4'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	8,574.59	1,486.03
33 42 31 00-0122	EA	5' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	9,092.94	1,566.59
33 42 31 00-0123	EA	5'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	9,514.96	1,640.12
33 42 31 00-0124	EA	6' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	10,035.42	1,720.57
33 42 31 00-0125	EA	6'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	10,457.43	1,794.20
33 42 31 00-0126	EA	7' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	10,975.80	1,874.65
33 42 31 00-0127	EA	7'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	11,400.02	1,948.28
33 42 31 00-0128	EA	8' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	11,918.28	2,028.74
33 42 31 00-0129	VLF	>8' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	1,489.84	253.58
33 42 31 00-0130		**7'-6" x 7'-6", Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0131	EA	4' Deep, 7'-6" x 7'-6" x 6" Thick Wall, Cast In Place, Catch Basin	8,060.32	1,440.57
33 42 31 00-0132	EA	4'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	9,349.89	1,621.51
33 42 31 00-0133	EA	5' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	9,896.70	1,707.25
33 42 31 00-0134	EA	5'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	10,351.21	1,786.06
33 42 31 00-0135	EA	6' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	10,900.13	1,871.79
33 42 31 00-0136	EA	6'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	11,354.63	1,950.60
33 42 31 00-0137	EA	7' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	11,901.45	2,036.33
33 42 31 00-0138	EA	7'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	12,355.95	2,115.13
33 42 31 00-0139	EA	8' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	12,904.98	2,200.87
33 42 31 00-0140	VLF	>8' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	1,613.08	275.15
33 42 31 00-0141		**8' x 8', Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0142	EA	4' Deep, 8' x 8' x 6" Thick Wall, Cast In Place, Catch Basin	8,760.54	1,567.37
33 42 31 00-0143	EA	4'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	10,153.50	1,762.28
33 42 31 00-0144	EA	5' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	10,731.09	1,853.19
33 42 31 00-0145	EA	5'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	11,215.87	1,937.28
33 42 31 00-0146	EA	6' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	11,793.35	2,028.19
33 42 31 00-0147	EA	6'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	12,273.71	2,112.27
33 42 31 00-0148	EA	7' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	12,855.62	2,203.18
33 42 31 00-0149	EA	7'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	13,340.41	2,287.27
33 42 31 00-0150	EA	8' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	13,908.11	2,378.18
33 42 31 00-0151	VLF	>8' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	1,739.74	297.27
33 42 31 00-0152		**Precast Concrete Catch Basins** *(33 42 31 00-0002)* Note: Inside dimensions.		
33 42 31 00-0153		**1'-6" Diameter Precast Catch Basins** *(33 42 31 00-0152)*		
33 42 31 00-0154	EA	4' Deep, 1'-6" Diameter Precast Catch Basins	786.97	253.57
33 42 31 00-0155	EA	6' Deep, 1'-6" Diameter Precast Catch Basins	1,099.64	380.37
33 42 31 00-0156	EA	8' Deep, 1'-6" Diameter Precast Catch Basins	1,397.68	494.48
33 42 31 00-0157	EA	10' Deep, 1'-6" Diameter Precast Catch Basins	1,671.65	584.50
33 42 31 00-0158	EA	12' Deep, 1'-6" Diameter Precast Catch Basins	2,062.86	741.72
33 42 31 00-0159	EA	14' Deep, 1'-6" Diameter Precast Catch Basins	2,361.34	855.83
33 42 31 00-0160	VLF	Vertical Linear Foot Over 14' Deep, 1'-6" Diameter Precast Catch Basins	164.86	57.06
33 42 31 00-0161		**2' Diameter Precast Catch Basins** *(33 42 31 00-0152)*		
33 42 31 00-0162	EA	4' Deep, 2' Diameter Precast Catch Basin	895.47	282.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0163	EA	6' Deep, 2' Diameter Precast Catch Basin	1,244.48	418.40
33 42 31 00-0164	EA	8' Deep, 2' Diameter Precast Catch Basin	1,575.44	551.54
33 42 31 00-0165	EA	10' Deep, 2' Diameter Precast Catch Basin	1,877.94	643.45
33 42 31 00-0166	EA	12' Deep, 2' Diameter Precast Catch Basin	2,332.05	824.14
33 42 31 00-0167	EA	14' Deep, 2' Diameter Precast Catch Basin	2,666.10	950.92
33 42 31 00-0168	VLF	Vertical Linear Foot Over 14' Deep, 2' Diameter Precast Catch Basin	186.20	68.46
33 42 31 00-0169		**3' Diameter Precast Catch Basins** *(33 42 31 00-0152)*		
33 42 31 00-0170	EA	4' Deep, 3' Diameter Precast Catch Basin	1,173.73	332.82
33 42 31 00-0171	EA	6' Deep, 3' Diameter Precast Catch Basin	1,609.51	491.95
33 42 31 00-0172	EA	8' Deep, 3' Diameter Precast Catch Basin	2,028.60	649.80
33 42 31 00-0173	EA	10' Deep, 3' Diameter Precast Catch Basin	2,526.35	811.46
33 42 31 00-0174	EA	12' Deep, 3' Diameter Precast Catch Basin	2,986.57	967.41
33 42 31 00-0175	EA	14' Deep, 3' Diameter Precast Catch Basin	3,432.00	1,125.89
33 42 31 00-0176	VLF	Vertical Linear Foot Over 14' Deep, 3' Diameter Precast Catch Basin	236.70	80.42
33 42 31 00-0177		**4' Diameter Precast Catch Basins** *(33 42 31 00-0152)*		
33 42 31 00-0178	EA	4' Deep, 4' Diameter Precast Catch Basin	1,413.39	370.22
33 42 31 00-0179	EA	6' Deep, 4' Diameter Precast Catch Basin	1,843.39	507.16
33 42 31 00-0180	EA	8' Deep, 4' Diameter Precast Catch Basin	2,484.80	760.74
33 42 31 00-0181	EA	10' Deep, 4' Diameter Precast Catch Basin	3,100.85	950.92
33 42 31 00-0182	EA	12' Deep, 4' Diameter Precast Catch Basin	3,668.67	1,141.11
33 42 31 00-0183	EA	14' Deep, 4' Diameter Precast Catch Basin	4,220.33	1,331.30
33 42 31 00-0184	VLF	Vertical Linear Foot Over 14' Deep, 4' Diameter Precast Catch Basin	290.38	95.09
33 42 31 00-0185		**5' Diameter Precast Catch Basins** *(33 42 31 00-0152)*		
33 42 31 00-0186	EA	4' Deep, 5' Diameter Precast Catch Basin	1,904.50	507.16
33 42 31 00-0187	EA	6' Deep, 5' Diameter Precast Catch Basin	2,620.61	760.74
33 42 31 00-0188	EA	8' Deep, 5' Diameter Precast Catch Basin	3,340.47	1,014.32
33 42 31 00-0189	EA	10' Deep, 5' Diameter Precast Catch Basin	4,089.85	1,267.90
33 42 31 00-0190	EA	12' Deep, 5' Diameter Precast Catch Basin	4,829.41	1,521.48
33 42 31 00-0191	EA	14' Deep, 5' Diameter Precast Catch Basin	5,623.42	1,775.06
33 42 31 00-0192	VLF	Vertical Linear Foot Over 14' Deep, 5' Diameter Precast Catch Basin	386.40	126.79
33 42 31 00-0193		**6' Diameter Precast Catch Basins** *(33 42 31 00-0152)*		
33 42 31 00-0194	EA	4' Deep, 6' Diameter Precast Catch Basin	2,790.37	760.74
33 42 31 00-0195	EA	6' Deep, 6' Diameter Precast Catch Basin	3,804.48	1,141.11
33 42 31 00-0196	EA	8' Deep, 6' Diameter Precast Catch Basin	4,885.80	1,521.48
33 42 31 00-0197	EA	10' Deep, 6' Diameter Precast Catch Basin	6,090.28	1,901.85
33 42 31 00-0198	EA	12' Deep, 6' Diameter Precast Catch Basin	7,260.79	2,282.22
33 42 31 00-0199	EA	14' Deep, 6' Diameter Precast Catch Basin	8,407.26	2,662.58
33 42 31 00-0200	VLF	Vertical Linear Foot Over 14' Deep, 6' Diameter Precast Catch Basin	576.22	190.18
33 42 31 00-0201		**Precast Catch Basins Accessories** *(33 42 31 00-0152)*		
33 42 31 00-0202	EA	Single Or Double Wing Slab Top With Throat	1,757.39	824.14
33 42 31 00-0203	EA	4' x 4' Weir Box, Precast Catch Basin	751.70	101.44
33 42 31 00-0204	EA	4' Diameter Inlet Round To Square Adapter, Precast Catch Basin	433.19	107.77
33 42 31 00-0205	EA	3' Diameter, Up To 6" High, Precast Extension Ring	544.59	158.48
		For Each Additional Inch In Height, Add	*64.33*	
33 42 31 00-0206	EA	4' Diameter, Up To 6" High, Precast Extension Ring	643.04	190.18
		For Each Additional Inch In Height, Add	*75.45*	
33 42 31 00-0207	EA	5' Diameter, Up To 6" High, Precast Extension Ring	749.96	221.88
		For Each Additional Inch In Height, Add	*88.05*	
33 42 31 00-0208	EA	6' Diameter, Up To 6" High, Precast Extension Ring	946.80	316.98
		For Each Additional Inch In Height, Add	*105.02*	
33 42 31 00-0209	EA	Adjust Existing Catch Basin Inlet Grate To Match Grade	760.69	
33 42 31 00-0210		**Catch Basin Risers** *(33 42 31 00-0152)*		
33 42 31 00-0211	EA	Up To 860 Square Inch, Up to 2" Rise, Catch Basin Riser	451.11	
33 42 31 00-0212	EA	>860 To 1140 Square Inch, Up To 2" Rise, Catch Basin Riser	502.57	
33 42 31 00-0213	EA	>1140 Square Inch, Up To 2" Rise, Catch Basin Riser	563.73	
33 42 31 00-0214	EA	Up To 860 Square Inch, >2" To 3" Rise, Catch Basin Riser	485.51	
33 42 31 00-0215	EA	>860 To 1140 Square Inch, >2" To 3" Rise, Catch Basin Riser	540.43	
33 42 31 00-0216	EA	>1140 Square Inch, >2" To 3" Rise, Catch Basin Riser	608.19	
33 42 31 00-0217	EA	Up To 860 Square Inch, >3" To 4" Rise, Catch Basin Riser	536.59	
33 42 31 00-0218	EA	>860 To 1140 Square Inch, >3" To 4" Rise, Catch Basin Riser	585.40	
33 42 31 00-0219	EA	>1140 Square Inch, >3" To 4" Rise, Catch Basin Riser	653.42	
33 42 31 00-0220		**Cast In Place, Storm Drain Cleanout** *(33 42 31 00-0002)*		
		Note: Inside span.		
33 42 31 00-0221	EA	6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	5,143.09	871.45
33 42 31 00-0222	EA	6' Deep, 4' x 5' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	5,876.12	994.50
33 42 31 00-0223	EA	6' Deep, 4' x 6' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	6,704.99	1,128.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0224	EA	7' Deep, 4' x 7' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	8,044.00	1,353.96
33 42 31 00-0225	EA	8' Deep, 4' x 8' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	9,795.46	1,634.61
33 42 31 00-0226		**Precast Concrete Inlet Boxes** *(33 42 31 00-0002)*		
		Note: Inside dimensions.		
33 42 31 00-0227		**Precast Concrete Inlet Boxes** *(33 42 31 00-0226)*		
33 42 31 00-0228		**24" x 24" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0227)*		
		Note: Yard inlet.		
33 42 31 00-0229		**24" x 24" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0228)*		
33 42 31 00-0230	EA	24" Height, 24" x 24" ID, Precast Concrete Inlet Box	936.28	88.76
33 42 31 00-0231	EA	30" Height, 24" x 24" ID, Precast Concrete Inlet Box	1,100.77	107.77
33 42 31 00-0232	EA	36" Height, 24" x 24" ID, Precast Concrete Inlet Box	1,265.26	126.79
33 42 31 00-0233	EA	42" Height, 24" x 24" ID, Precast Concrete Inlet Box	1,431.35	146.60
33 42 31 00-0234		**24" x 24" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0228)*		
33 42 31 00-0235	EA	6" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	234.23	
33 42 31 00-0236	EA	12" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	379.71	
33 42 31 00-0237	EA	18" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	537.86	
33 42 31 00-0238	EA	24" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	696.02	
33 42 31 00-0239	EA	30" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	854.18	
33 42 31 00-0240	EA	36" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	1,012.34	
33 42 31 00-0241		**22" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0227)*		
33 42 31 00-0242		**22" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0241)*		
33 42 31 00-0243	EA	36" Height, 22" x 48" ID, Precast Concrete Inlet Box	1,922.95	250.50
33 42 31 00-0244	EA	42" Height, 22" x 48" ID, Precast Concrete Inlet Box	2,163.28	289.64
33 42 31 00-0245	EA	48" Height, 22" x 48" ID, Precast Concrete Inlet Box	2,403.63	328.78
33 42 31 00-0246	EA	54" Height, 22" x 48" ID, Precast Concrete Inlet Box	2,644.16	368.01
33 42 31 00-0247	EA	60" Height, 22" x 48" ID, Precast Concrete Inlet Box	2,884.69	407.24
33 42 31 00-0248	EA	66" Height, 22" x 48" ID, Precast Concrete Inlet Box	3,125.22	446.48
33 42 31 00-0249	EA	72" Height, 22" x 48" ID, Precast Concrete Inlet Box	3,365.75	485.71
33 42 31 00-0250		**22" x 48" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0241)*		
33 42 31 00-0251	EA	6" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	458.60	
33 42 31 00-0252	EA	12" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	739.70	
33 42 31 00-0253	EA	18" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	803.16	
33 42 31 00-0254	EA	24" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,028.61	
33 42 31 00-0255	EA	30" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,254.07	
33 42 31 00-0256	EA	36" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,473.36	
33 42 31 00-0257	EA	42" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,713.69	
33 42 31 00-0258	EA	48" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,954.04	
33 42 31 00-0259	EA	54" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	2,194.57	
33 42 31 00-0260	EA	60" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	2,435.10	
33 42 31 00-0261	EA	66" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	2,675.63	
33 42 31 00-0262	EA	72" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	2,916.16	
33 42 31 00-0263		**30" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0227)*		
33 42 31 00-0264		**30" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0263)*		
33 42 31 00-0265	EA	36" Height, 30" x 48" ID, Precast Concrete Inlet Box	1,854.65	275.55
33 42 31 00-0266	EA	42" Height, 30" x 48" ID, Precast Concrete Inlet Box	2,095.44	318.60
33 42 31 00-0267	EA	48" Height, 30" x 48" ID, Precast Concrete Inlet Box	2,336.24	361.65
33 42 31 00-0268	EA	54" Height, 30" x 48" ID, Precast Concrete Inlet Box	2,577.24	404.82
33 42 31 00-0269	EA	60" Height, 30" x 48" ID, Precast Concrete Inlet Box	2,818.25	447.97
33 42 31 00-0270	EA	66" Height, 30" x 48" ID, Precast Concrete Inlet Box	3,059.24	491.13
33 42 31 00-0271	EA	72" Height, 30" x 48" ID, Precast Concrete Inlet Box	3,300.25	534.29
33 42 31 00-0272		**30" x 48" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0263)*		
33 42 31 00-0273	EA	6" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	456.22	
33 42 31 00-0274	EA	12" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	727.06	
33 42 31 00-0275	EA	18" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	792.21	
33 42 31 00-0276	EA	24" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,013.28	
33 42 31 00-0277	EA	30" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,234.35	
33 42 31 00-0278	EA	36" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,454.17	
33 42 31 00-0279	EA	42" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,691.51	
33 42 31 00-0280	EA	48" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,927.62	
33 42 31 00-0281	EA	54" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	2,164.96	
33 42 31 00-0282	EA	60" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	2,401.06	
33 42 31 00-0283	EA	66" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	2,638.41	
33 42 31 00-0284	EA	72" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	2,875.76	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0285		**42" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0227)*		
33 42 31 00-0286		**42" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0285)*		
33 42 31 00-0287	EA	36" Height, 42" x 48" ID, Precast Concrete Inlet Box	2,205.65	300.60
33 42 31 00-0288	EA	42" Height, 42" x 48" ID, Precast Concrete Inlet Box	2,488.44	349.45
33 42 31 00-0289	EA	48" Height, 42" x 48" ID, Precast Concrete Inlet Box	2,771.25	399.54
33 42 31 00-0290	EA	54" Height, 42" x 48" ID, Precast Concrete Inlet Box	3,052.80	448.39
33 42 31 00-0291	EA	60" Height, 42" x 48" ID, Precast Concrete Inlet Box	3,335.60	498.49
33 42 31 00-0292	EA	66" Height, 42" x 48" ID, Precast Concrete Inlet Box	3,618.41	547.34
33 42 31 00-0293	EA	72" Height, 42" x 48" ID, Precast Concrete Inlet Box	3,899.95	596.19
33 42 31 00-0294		**42" x 48" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0285)*		
33 42 31 00-0295	EA	6" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	503.74	
33 42 31 00-0296	EA	12" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	819.60	
33 42 31 00-0297	EA	18" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	886.61	
33 42 31 00-0298	EA	24" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,137.47	
33 42 31 00-0299	EA	30" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,388.34	
33 42 31 00-0300	EA	36" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,639.20	
33 42 31 00-0301	EA	42" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,906.98	
33 42 31 00-0302	EA	48" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	2,174.75	
33 42 31 00-0303	EA	54" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	2,442.52	
33 42 31 00-0304	EA	60" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	2,710.29	
33 42 31 00-0305	EA	66" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	2,978.06	
33 42 31 00-0306	EA	72" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	3,245.84	
33 42 31 00-0307		**42" x 48" ID, Precast Concrete Inlet Box Tops** *(33 42 31 00-0285)*		
33 42 31 00-0308	EA	42" x 48" ID, Precast Concrete Inlet Box Top Slab	1,251.36	187.87
33 42 31 00-0309		**48" x 54" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0227)*		
33 42 31 00-0310		**48" x 54" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0309)*		
33 42 31 00-0311	EA	36" Height, 48" x 54" ID, Precast Concrete Inlet Box	3,128.74	334.00
33 42 31 00-0312	EA	42" Height, 48" x 54" ID, Precast Concrete Inlet Box	3,506.63	388.90
33 42 31 00-0313	EA	48" Height, 48" x 54" ID, Precast Concrete Inlet Box	3,884.53	443.79
33 42 31 00-0314	EA	54" Height, 48" x 54" ID, Precast Concrete Inlet Box	4,262.02	498.50
33 42 31 00-0315	EA	60" Height, 48" x 54" ID, Precast Concrete Inlet Box	4,639.52	553.19
33 42 31 00-0316	EA	66" Height, 48" x 54" ID, Precast Concrete Inlet Box	5,017.02	607.89
33 42 31 00-0317	EA	72" Height, 48" x 54" ID, Precast Concrete Inlet Box	5,394.50	662.60
33 42 31 00-0318		**48" x 54" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0309)*		
33 42 31 00-0319	EA	6" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	506.07	
33 42 31 00-0320	EA	12" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	807.56	
33 42 31 00-0321	EA	18" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	1,180.04	
33 42 31 00-0322	EA	24" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	1,552.50	
33 42 31 00-0323	EA	30" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	1,904.10	
33 42 31 00-0324	EA	36" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	2,276.57	
33 42 31 00-0325	EA	42" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	2,654.46	
33 42 31 00-0326	EA	48" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	3,032.36	
33 42 31 00-0327	EA	54" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	3,409.86	
33 42 31 00-0328	EA	60" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	3,787.35	
33 42 31 00-0329	EA	66" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	4,164.85	
33 42 31 00-0330	EA	72" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	4,542.33	
33 42 31 00-0331		**48" x 54" ID, Precast Concrete Inlet Box Tops** *(33 42 31 00-0309)*		
33 42 31 00-0332	EA	48" x 54" ID, Precast Concrete Inlet Box Top Slab	1,360.02	203.53
33 42 31 00-0333		**48" x 66" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0227)*		
33 42 31 00-0334		**48" x 66" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0333)*		
33 42 31 00-0335	EA	36" Height, 48" x 66" ID, Precast Concrete Inlet Box	3,607.07	420.84
33 42 31 00-0336	EA	42" Height, 48" x 66" ID, Precast Concrete Inlet Box	4,022.65	491.15
33 42 31 00-0337	EA	48" Height, 48" x 66" ID, Precast Concrete Inlet Box	4,438.21	561.46
33 42 31 00-0338	EA	54" Height, 48" x 66" ID, Precast Concrete Inlet Box	4,852.99	631.39
33 42 31 00-0339	EA	60" Height, 48" x 66" ID, Precast Concrete Inlet Box	5,267.79	701.31
33 42 31 00-0340	EA	66" Height, 48" x 66" ID, Precast Concrete Inlet Box	5,682.59	771.23
33 42 31 00-0341	EA	72" Height, 48" x 66" ID, Precast Concrete Inlet Box	6,097.38	841.15
33 42 31 00-0342		**48" x 66" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0333)*		
33 42 31 00-0343	EA	6" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	555.50	
33 42 31 00-0344	EA	12" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	865.52	
33 42 31 00-0345	EA	18" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	1,280.74	
33 42 31 00-0346	EA	24" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	1,695.96	
33 42 31 00-0347	EA	30" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	2,076.11	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0348	EA	36" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	2,491.33	
33 42 31 00-0349	EA	42" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	2,906.90	
33 42 31 00-0350	EA	48" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	3,322.47	
33 42 31 00-0351	EA	54" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	3,737.25	
33 42 31 00-0352	EA	60" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	4,152.04	
33 42 31 00-0353	EA	66" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	4,566.85	
33 42 31 00-0354	EA	72" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	4,981.64	
33 42 31 00-0355		**48" x 66" ID, Precast Concrete Inlet Box Tops** *(33 42 31 00-0333)*		
33 42 31 00-0356	EA	48" x 66" ID, Precast Concrete Inlet Box Top Slab	1,512.04	227.96
33 42 31 00-0357		**42" x 102" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0227)*		
33 42 31 00-0358		**42" x 102" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0357)*		
33 42 31 00-0359	EA	36" Height, 42" x 102" ID, Precast Concrete Inlet Box	4,517.85	567.38
33 42 31 00-0360	EA	42" Height, 42" x 102" ID, Precast Concrete Inlet Box	5,043.70	661.31
33 42 31 00-0361	EA	48" Height, 42" x 102" ID, Precast Concrete Inlet Box	5,569.56	754.00
33 42 31 00-0362	EA	54" Height, 42" x 102" ID, Precast Concrete Inlet Box	6,094.17	847.93
33 42 31 00-0363	EA	60" Height, 42" x 102" ID, Precast Concrete Inlet Box	6,620.02	940.62
33 42 31 00-0364	EA	66" Height, 42" x 102" ID, Precast Concrete Inlet Box	7,144.63	1,033.30
33 42 31 00-0365	EA	72" Height, 42" x 102" ID, Precast Concrete Inlet Box	7,671.74	1,127.24
33 42 31 00-0366		**42" x 102" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0357)*		
33 42 31 00-0367	EA	6" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	743.79	
33 42 31 00-0368	EA	12" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	1,139.39	
33 42 31 00-0369	EA	18" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	1,656.48	
33 42 31 00-0370	EA	24" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	2,173.56	
33 42 31 00-0371	EA	30" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	2,654.33	
33 42 31 00-0372	EA	36" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	3,171.42	
33 42 31 00-0373	EA	42" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	3,697.28	
33 42 31 00-0374	EA	48" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	4,223.14	
33 42 31 00-0375	EA	54" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	4,747.74	
33 42 31 00-0376	EA	60" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	5,273.60	
33 42 31 00-0377	EA	66" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	5,798.20	
33 42 31 00-0378	EA	72" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	6,324.07	
33 42 31 00-0379		**42" x 102" ID, Precast Concrete Inlet Box Tops** *(33 42 31 00-0357)*		
33 42 31 00-0380	EA	42" x 102" ID, Precast Concrete Inlet Box Top Slab	2,061.79	250.50
33 42 31 00-0381		**Frames And Grates For Inlets** *(33 42 31 00-0226)*		
33 42 31 00-0382		**Inlet Frames And Grates** *(33 42 31 00-0381)*		
33 42 31 00-0383	EA	24" x 24", Heavy-Duty Inlet Grate Note: For type A, B, D, or E inlets.	444.94	58.35
33 42 31 00-0384	EA	47-3/4" x 21-3/4", Bicycle Safe Inlet Grate (US Foundry 6352 GRT) Note: For type A, B, D, or E inlets.	575.44	58.35
33 42 31 00-0385	EA	47-3/4" x 21-3/4", Phase II Stormwater Compliant Inlet Grate (US Foundry 6352 GRT) Note: Includes legend: Dump No Waste "Drains To Waterways".	575.44	58.35
33 42 31 00-0386	EA	Phase II Storm Water Compliant Grate, Echo Grate, Type "B" And "D" Inlet Covers (US Foundry 6352 GRT Note: Legend: Dump No Waste "Drains to Waterways"	575.44	58.35
33 42 31 00-0387	EA	Parallel Bar Grates For Type A, B, D And E Inlets (Campbell Foundry 2617-0362)	630.06	58.35
33 42 31 00-0388	EA	Type B Inlet Dirt Plate (US Foundry 5217 BK)	473.70	116.70
33 42 31 00-0389	EA	Back Plate For Type B Inlets (Campbell Foundry 2548-1942)	550.16	116.70
33 42 31 00-0390	EA	Phase II Echo-Safe Bar For Series 2500/2600 Curb Inlets (Campbell Foundry 25419EC4) Note: Includes cam action clamping system, stainless steel badge labeled to center of plate, steel plate welded to bar with legend: Dump No Waste "Drains to Waterways".	684.97	145.88
33 42 31 00-0391	EA	1-1/2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT)	586.67	145.88
33 42 31 00-0392	EA	2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT)	597.59	145.88
33 42 31 00-0393	EA	2-1/2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT)	619.43	145.88
33 42 31 00-0394	EA	3" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT)	641.28	145.88
33 42 31 00-0395	EA	2" Extension Frame For Type A Inlet (General Foundries 6352 EXT)	619.43	145.88
33 42 31 00-0396	EA	2-1/2" Extension Frame For Type A Inlet (General Foundries 6352 EXT)	641.28	145.88
33 42 31 00-0397	EA	3" Extension Frame For Type A Inlet (General Foundries 6352 EXT)	663.12	145.88
33 42 31 00-0398	EA	2" Extension Frame For Type E Inlet (General Foundries 6352 EXT)	947.11	145.88
33 42 31 00-0399	EA	2-1/2" Extension Frame For Type E Inlet (General Foundries 6352 EXT)	990.80	145.88
33 42 31 00-0400	EA	3" Extension Frame For Type E Inlet (General Foundries 6352 EXT)	1,034.49	145.88
33 42 31 00-0401	EA	2", 3 Sided Extension Frame For Type A, B, D, And E Inlet (Campbell Foundry 2701)	706.81	145.88
33 42 31 00-0402	EA	6" Type N Curb Back Piece For Type B And D Inlets (US Foundry 5218N6)	641.28	145.88
33 42 31 00-0403	EA	8" Type N Curb Back Piece For Type B And D Inlets (US Foundry 5218N8)	641.28	145.88
33 42 31 00-0404	EA	6" Radius Curb Back Piece For Type B And D Inlets (Campbell Foundry BSCB-6)	1,298.51	145.88
33 42 31 00-0405	EA	8" Radius Curb Back Piece For Type B And D Inlets (Campbell Foundry BSCB-8)	1,298.51	145.88
33 42 31 00-0406	EA	Safety Bars For Type B And D Inlets (General Foundries 5218 SB)	539.39	160.47
33 42 31 00-0407	EA	6", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 648) Note: Includes cam action clamping system and stainless steel badge labeled to center of plate.	746.92	160.47
33 42 31 00-0408	EA	8", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 848) Note: Includes cam action clamping system and stainless steel badge labeled to center of plate.	746.92	160.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0409	EA	10", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 1048)	823.37	160.47
		Note: Includes cam action clamping system and stainless steel badge labeled to center of plate.		
33 42 31 00-0410	EA	Type B Inlet Frame (US Foundry 5216 FRM)	943.52	160.47
33 42 31 00-0411	EA	Type D Inlet Frame (US Foundry 2999 FRM)	812.45	160.47
33 42 31 00-0412	EA	Type B Inlet Frame (Campbell Foundry 2618-0202)	1,151.05	160.47
33 42 31 00-0413	EA	Type D Inlet Frame (Campbell Foundry 2617-0002)	1,019.98	160.47
33 42 31 00-0414	EA	Type A Inlet, Single Frame And Grate (US Foundry 52340)	1,318.78	233.41
33 42 31 00-0415	EA	Type E Inlet, Single Frame And Grate (US Foundry 52342)	2,105.20	233.41
33 42 31 00-0416	EA	Type A Inlet, Single Frame And Grate (General Foundries 52340)	1,286.01	233.41
33 42 31 00-0417	EA	Type E Inlet, Double Frame And Grate (General Foundries 52342)	2,002.53	233.41
33 42 31 00-0418	EA	Oversized Type A Inlet, Single Frame And Reticuline Grate (US Foundry 82340)	2,152.93	350.12
33 42 31 00-0419	EA	Heavy-Duty Rectangular Frame And Grate (Campbell Foundry 3084)	2,221.36	466.83
33 42 31 00-0420	EA	6" Curb Piece, Type B Inlet Frame And Grate (US Foundry 52186)	2,430.03	466.83
33 42 31 00-0421	EA	8" Curb Piece, Type B Inlet Frame And Grate (US Foundry 52198)	2,430.03	466.83
33 42 31 00-0422	EA	6" Curb Piece, Type D Inlet Frame And Grate (US Foundry 72266)	2,156.96	466.83
33 42 31 00-0423	EA	8" Curb Piece, Type D Inlet Frame And Grate (US Foundry 72268)	2,156.96	466.83
33 42 31 00-0424	EA	Type B And C Inlet Frame And Grate With Type N Curb And Back Plate (Campbell Foundry GFI 52198)	2,517.41	466.83
33 42 31 00-0425		Concrete Drainage Inlet Structures (CALTRANS) *(33 42 31 00-0001)*		
33 42 31 00-0426		Type OS Concrete Drainage Inlet Structure *(33 42 31 00-0425)*		
33 42 31 00-0427	EA	3' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	2,945.62	
33 42 31 00-0428	EA	4' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	3,421.87	
33 42 31 00-0429	EA	5' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	3,863.95	
33 42 31 00-0430	EA	6' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	4,271.86	
33 42 31 00-0431	EA	7' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	4,645.58	
33 42 31 00-0432	EA	8' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	4,985.14	
33 42 31 00-0433	EA	8' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	6,783.36	
33 42 31 00-0434	EA	10' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	7,907.66	
33 42 31 00-0435	EA	12' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	8,945.21	
33 42 31 00-0436	EA	14' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	9,898.56	
33 42 31 00-0437	EA	16' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	10,815.41	
33 42 31 00-0438	EA	18' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	11,658.05	
33 42 31 00-0439	EA	20' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	12,426.47	
33 42 31 00-0440		Type OL-7 Concrete Drainage Inlet Structure *(33 42 31 00-0425)*		
33 42 31 00-0441	EA	3' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,011.05	
33 42 31 00-0442	EA	4' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,456.07	
33 42 31 00-0443	EA	5' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,866.93	
33 42 31 00-0444	EA	6' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,243.59	
33 42 31 00-0445	EA	7' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,584.83	
33 42 31 00-0446	EA	8' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,893.16	
33 42 31 00-0447	EA	8' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,637.95	
33 42 31 00-0448	EA	10' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,735.92	
33 42 31 00-0449	EA	12' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,747.14	
33 42 31 00-0450	EA	14' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,672.87	
33 42 31 00-0451	EA	16' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,566.88	
33 42 31 00-0452	EA	18' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,386.67	
33 42 31 00-0453	EA	20' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,132.26	
33 42 31 00-0454		Type OL-10 Concrete Drainage Inlet Structure *(33 42 31 00-0425)*		
33 42 31 00-0455	EA	3' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,992.93	
33 42 31 00-0456	EA	4' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,409.44	
33 42 31 00-0457	EA	5' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,790.51	
33 42 31 00-0458	EA	6' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,138.68	
33 42 31 00-0459	EA	7' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,451.40	
33 42 31 00-0460	EA	8' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,729.95	
33 42 31 00-0461	EA	8' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,492.55	
33 42 31 00-0462	EA	10' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,562.91	
33 42 31 00-0463	EA	12' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,549.06	
33 42 31 00-0464	EA	14' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,448.46	
33 42 31 00-0465	EA	16' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,318.35	
33 42 31 00-0466	EA	18' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,115.30	
33 42 31 00-0467	EA	20' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,836.77	
33 42 31 00-0468		Type OL-14 Concrete Drainage Inlet Structure *(33 42 31 00-0425)*		
33 42 31 00-0469	EA	3' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,392.62	
33 42 31 00-0470	EA	4' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,767.02	
33 42 31 00-0471	EA	5' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,107.23	
33 42 31 00-0472	EA	6' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,413.26	
33 42 31 00-0473	EA	7' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,685.13	
33 42 31 00-0474	EA	8' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,922.82	
33 42 31 00-0475	EA	8' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,703.23	
33 42 31 00-0476	EA	10' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,736.17	
33 42 31 00-0477	EA	12' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,683.63	
33 42 31 00-0478	EA	14' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,545.62	
33 42 31 00-0479	EA	16' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,384.32	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0480	EA	18' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	14,147.53	
33 42 31 00-0481	EA	20' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	14,836.53	
33 42 31 00-0482		**Type OL-21 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0483	EA	3' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	9,233.78	
33 42 31 00-0484	EA	4' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	9,524.46	
33 42 31 00-0485	EA	5' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	9,780.97	
33 42 31 00-0486	EA	6' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	10,003.30	
33 42 31 00-0487	EA	7' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	10,190.19	
33 42 31 00-0488	EA	8' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	10,344.18	
33 42 31 00-0489	EA	8' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,071.18	
33 42 31 00-0490	EA	10' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,030.38	
33 42 31 00-0491	EA	12' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,904.09	
33 42 31 00-0492	EA	14' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	14,692.35	
33 42 31 00-0493	EA	16' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	15,466.97	
33 42 31 00-0494	EA	18' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	16,166.13	
33 42 31 00-0495	EA	20' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	16,791.05	
33 42 31 00-0496		**Type GOL-7 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0497	EA	3' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,867.58	
33 42 31 00-0498	EA	4' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,358.76	
33 42 31 00-0499	EA	5' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,810.67	
33 42 31 00-0500	EA	6' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,223.33	
33 42 31 00-0501	EA	7' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,598.01	
33 42 31 00-0502	EA	8' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,934.69	
33 42 31 00-0503	EA	8' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,830.83	
33 42 31 00-0504	EA	10' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,053.65	
33 42 31 00-0505	EA	12' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,180.35	
33 42 31 00-0506	EA	14' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,209.67	
33 42 31 00-0507	EA	16' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,205.48	
33 42 31 00-0508	EA	18' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	14,117.80	
33 42 31 00-0509	EA	20' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	14,945.37	
33 42 31 00-0510		**Type GOL-10 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0511	EA	3' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,933.02	
33 42 31 00-0512	EA	4' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,391.68	
33 42 31 00-0513	EA	5' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,812.38	
33 42 31 00-0514	EA	6' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,195.08	
33 42 31 00-0515	EA	7' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,538.52	
33 42 31 00-0516	EA	8' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,842.71	
33 42 31 00-0517	EA	8' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,738.84	
33 42 31 00-0518	EA	10' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,932.96	
33 42 31 00-0519	EA	12' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,030.96	
33 42 31 00-0520	EA	14' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,032.86	
33 42 31 00-0521	EA	16' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	14,003.68	
33 42 31 00-0522	EA	18' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	14,891.02	
33 42 31 00-0523	EA	20' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	15,694.87	
33 42 31 00-0524		**Type G-1 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0525	EA	3' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,984.64	
33 42 31 00-0526	EA	4' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,372.51	
33 42 31 00-0527	EA	5' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,731.71	
33 42 31 00-0528	EA	6' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,064.74	
33 42 31 00-0529	EA	7' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,371.63	
33 42 31 00-0530	EA	8' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,649.84	
33 42 31 00-0531		**Type G-2 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0532	EA	3' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,736.71	
33 42 31 00-0533	EA	4' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,172.56	
33 42 31 00-0534	EA	5' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,577.17	
33 42 31 00-0535	EA	6' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,950.55	
33 42 31 00-0536	EA	7' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,292.71	
33 42 31 00-0537	EA	8' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,602.35	
33 42 31 00-0538	EA	8' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,231.44	
33 42 31 00-0539	EA	10' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,268.71	
33 42 31 00-0540	EA	12' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,227.41	
33 42 31 00-0541	EA	14' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,107.53	
33 42 31 00-0542	EA	16' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,954.06	
33 42 31 00-0543	EA	18' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,732.40	
33 42 31 00-0544	EA	20' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,441.30	
33 42 31 00-0545		**Type G-3 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0546	EA	3' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,151.77	
33 42 31 00-0547	EA	4' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,534.20	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0548	EA	5' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,889.21	
33 42 31 00-0549	EA	6' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,218.06	
33 42 31 00-0550	EA	7' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,518.25	
33 42 31 00-0551	EA	8' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,792.27	
33 42 31 00-0552		**Type G-4_24 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0553	EA	3' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,653.14	
33 42 31 00-0554	EA	4' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,091.72	
33 42 31 00-0555	EA	5' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,499.05	
33 42 31 00-0556	EA	6' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,873.89	
33 42 31 00-0557	EA	7' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,218.77	
33 42 31 00-0558	EA	8' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,531.14	
33 42 31 00-0559	EA	8' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,195.82	
33 42 31 00-0560	EA	10' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,235.09	
33 42 31 00-0561	EA	12' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,194.52	
33 42 31 00-0562	EA	14' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,075.37	
33 42 31 00-0563	EA	16' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,922.49	
33 42 31 00-0564	EA	18' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,701.41	
33 42 31 00-0565	EA	20' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,412.15	
33 42 31 00-0566		**Type G-4_18 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0567	EA	3' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,736.71	
33 42 31 00-0568	EA	4' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,172.56	
33 42 31 00-0569	EA	5' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,577.17	
33 42 31 00-0570	EA	6' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,950.55	
33 42 31 00-0571	EA	7' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,292.71	
33 42 31 00-0572	EA	8' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,602.35	
33 42 31 00-0573	EA	8' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,231.44	
33 42 31 00-0574	EA	10' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,268.71	
33 42 31 00-0575	EA	12' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,227.41	
33 42 31 00-0576	EA	14' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,107.53	
33 42 31 00-0577	EA	16' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,954.06	
33 42 31 00-0578	EA	18' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,732.40	
33 42 31 00-0579	EA	20' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,441.30	
33 42 31 00-0580		**Type G-5 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0581	EA	3' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,130.88	
33 42 31 00-0582	EA	4' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,513.67	
33 42 31 00-0583	EA	5' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,870.31	
33 42 31 00-0584	EA	6' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,198.27	
33 42 31 00-0585	EA	7' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,500.07	
33 42 31 00-0586	EA	8' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,774.47	
33 42 31 00-0587		**Type G-6 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0588	EA	3' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,172.66	
33 42 31 00-0589	EA	4' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,554.72	
33 42 31 00-0590	EA	5' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,909.36	
33 42 31 00-0591	EA	6' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,236.59	
33 42 31 00-0592	EA	7' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,536.42	
33 42 31 00-0593	EA	8' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,810.08	
33 42 31 00-0594		**Type GT1 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0595	EA	3' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,635.02	
33 42 31 00-0596	EA	4' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,232.81	
33 42 31 00-0597	EA	5' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,828.10	
33 42 31 00-0598	EA	6' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,300.45	
33 42 31 00-0599	EA	7' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,769.05	
33 42 31 00-0600	EA	8' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,195.82	
33 42 31 00-0601		**Type GT2 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0602	EA	3' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,407.98	
33 42 31 00-0603	EA	4' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,058.76	
33 42 31 00-0604	EA	5' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,661.23	
33 42 31 00-0605	EA	6' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,216.68	
33 42 31 00-0606	EA	7' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,723.83	
33 42 31 00-0607	EA	8' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,183.95	
33 42 31 00-0608	EA	8' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,614.21	
33 42 31 00-0609	EA	10' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,143.45	
33 42 31 00-0610	EA	12' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,555.00	
33 42 31 00-0611	EA	14' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,850.12	
33 42 31 00-0612	EA	16' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	15,097.68	
33 42 31 00-0613	EA	18' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	16,242.97	
33 42 31 00-0614	EA	20' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	17,285.99	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0615		**Type GT3 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0616	EA	3' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,614.13	
33 42 31 00-0617	EA	4' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,212.29	
33 42 31 00-0618	EA	5' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,768.64	
33 42 31 00-0619	EA	6' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,281.92	
33 42 31 00-0620	EA	7' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,750.87	
33 42 31 00-0621	EA	8' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,178.02	
33 42 31 00-0622		**Type GT4 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0623	EA	3' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,554.22	
33 42 31 00-0624	EA	4' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,199.91	
33 42 31 00-0625	EA	5' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,798.57	
33 42 31 00-0626	EA	6' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,348.93	
33 42 31 00-0627	EA	7' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,852.27	
33 42 31 00-0628	EA	8' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,308.58	
33 42 31 00-0629	EA	8' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,632.01	
33 42 31 00-0630	EA	10' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,160.90	
33 42 31 00-0631	EA	12' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,572.07	
33 42 31 00-0632	EA	14' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,865.56	
33 42 31 00-0633	EA	16' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	15,112.83	
33 42 31 00-0634	EA	18' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	16,257.83	
33 42 31 00-0635	EA	20' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	17,300.56	
33 42 31 00-0636		**Type GO Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0637	EA	3' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,590.47	
33 42 31 00-0638	EA	4' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,010.88	
33 42 31 00-0639	EA	5' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,400.78	
33 42 31 00-0640	EA	6' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,760.17	
33 42 31 00-0641	EA	7' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	4,089.06	
33 42 31 00-0642	EA	8' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	4,388.71	
33 42 31 00-0643	EA	8' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	6,035.59	
33 42 31 00-0644	EA	10' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	7,042.04	
33 42 31 00-0645	EA	12' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	7,970.26	
33 42 31 00-0646	EA	14' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	8,822.77	
33 42 31 00-0647	EA	16' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	9,644.38	
33 42 31 00-0648	EA	18' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	10,397.81	
33 42 31 00-0649	EA	20' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	11,085.62	
33 42 31 00-0650		**Type GDO Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0651	EA	3' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,384.33	
33 42 31 00-0652	EA	4' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,936.92	
33 42 31 00-0653	EA	5' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	4,449.60	
33 42 31 00-0654	EA	6' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	4,923.64	
33 42 31 00-0655	EA	7' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	5,356.50	
33 42 31 00-0656	EA	8' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	5,750.72	
33 42 31 00-0657	EA	8' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	7,762.59	
33 42 31 00-0658	EA	10' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	9,059.74	
33 42 31 00-0659	EA	12' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	10,257.76	
33 42 31 00-0660	EA	14' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	11,357.92	
33 42 31 00-0661	EA	16' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	12,416.62	
33 42 31 00-0662	EA	18' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	13,389.17	
33 42 31 00-0663	EA	20' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	14,275.58	
33 42 31 00-0664		**Catch Basin Frames And Covers** *(33 42 31 00-0001)*		
33 42 31 00-0665		**Cast Iron Frames And Covers** *(33 42 31 00-0664)*		
33 42 31 00-0666	EA	18" Diameter Cast Iron Catch Basin Frame And Cover	1,133.19	126.79
33 42 31 00-0667	EA	22" Diameter Cast Iron Catch Basin Frame And Cover	1,440.27	143.27
33 42 31 00-0668	EA	24" Diameter Cast Iron Catch Basin Frame And Cover	1,636.68	148.34
33 42 31 00-0669	EA	26" Diameter Cast Iron Catch Basin Frame And Cover	1,846.91	172.43
33 42 31 00-0670	EA	28" Diameter Cast Iron Catch Basin Frame And Cover	2,173.66	196.53
33 42 31 00-0671	EA	32" Diameter Cast Iron Catch Basin Frame And Cover	3,496.58	205.40
33 42 31 00-0672	EA	16" x 16" Cast Iron Catch Basin Frame And Cover	1,884.15	155.95
33 42 31 00-0673	EA	18" x 24" Cast Iron Catch Basin Frame And Cover	2,465.72	180.04
33 42 31 00-0674	EA	20" x 27" Cast Iron Catch Basin Frame And Cover	2,794.20	187.65
33 42 31 00-0675	EA	23" x 23" Cast Iron Catch Basin Frame And Cover	2,636.23	187.65
33 42 31 00-0676	EA	24" x 24" Cast Iron Catch Basin Frame And Cover	2,724.14	195.26
33 42 31 00-0677	EA	26" x 26" Cast Iron Catch Basin Frame And Cover	2,927.88	202.86
33 42 31 00-0678	EA	24" x 36" Cast Iron Catch Basin Frame And Cover	3,529.45	218.08
33 42 31 00-0679		**Area Yard Drain** *(33 42 31 00-0001)*		
33 42 31 00-0680		**Ductile Iron Grates** *(33 42 31 00-0679)*		

Note: Not for traffic loading.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0681	EA	8" Diameter Ductile Iron Grate Adapter Necks Down To 4" and 6" Diameter Pipe	172.62	42.07
33 42 31 00-0682	EA	10" Diameter Ductile Iron Grate Adapters To 4", 6", or 8" Diameter Pipe	210.81	44.88
33 42 31 00-0683	EA	12" Diameter Ductile Iron Grate Adapters To 4" Through 12" Diameter Pipe	484.57	56.10
33 42 31 00-0684	EA	15" Diameter Ductile Iron Grate Adapters To 4" Through 12" Diameter Pipe	579.05	67.31

33 42 33 Stormwater Curbside Drains and Inlets *(33 42)*

33 42 33 00-0001 Curb Inlet Frames And Covers *(33 42 33)*

33 42 33 00-0002 Cast Iron Curb Inlet Frames And Covers *(33 42 33 00-0001)*

33 42 33 00-0003	EA	20" x 22" Cast Iron Curb Inlet Frame And Cover	2,361.90	148.34
33 42 33 00-0004	EA	22" x 24" Cast Iron Curb Inlet Frame And Cover	2,524.09	172.43
33 42 33 00-0005	EA	24" x 24" Cast Iron Curb Inlet Frame And Cover	2,627.58	172.43
33 42 33 00-0006	EA	27" x 27" Cast Iron Curb Inlet Frame And Cover	2,877.04	202.86
33 42 33 00-0007	EA	36" x 24" Cast Iron Curb Inlet Frame And Cover	2,842.31	216.81

33 42 36 Stormwater Trench Drains *(33 42)*

33 42 36 00-0001 Modular Trench Drains *(33 42 36)*

See CSI section 03 31 13 00-0011 for concrete.

33 42 36 00-0002 Modular Trench Drains *(33 42 36 00-0001)*

Note: Excludes grates. See CSI section 33 42 36 00-0118 for grates.

33 42 36 00-0003 4" Wide, Modular Trench Drains *(33 42 36 00-0002)*

33 42 36 00-0004 4 Wide, High-Density Polyethylene (HDPE), Shallow Modular Trench Drains *(33 42 36 00-0003)*

33 42 36 00-0005 4 Wide, High-Density Polyethylene (HDPE), Shallow Modular Trench Drains *(33 42 36 00-0004)*

33 42 36 00-0006	LF	4" Wide, High-Density Polyethylene (HDPE), Shallow Modular Trench Drain (Zurn Z844-C)	75.80	20.29
		For Extra Heavy-Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*109.19*	
		For Galvanized Extra Heavy-Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*218.38*	
		For Stainless Steel Extra Heavy-Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*349.41*	
		For Type 304 Stainless Steel Top Veneer Frame, Add	*87.35*	
		For Aluminum Veneer Bronze Anodized Frame, Add	*43.68*	

33 42 36 00-0007 Outlet Adapters For 4 Wide, High-Density Polyethylene (HDPE), Shallow Modular Trench Drains *(33 42 36 00-0004)*

33 42 36 00-0008	EA	Closed End Cap For 4" Wide, High-Density Polyethylene (HDPE), Shallow Modular Trench Drain	57.13
33 42 36 00-0009	EA	No-Hub End Outlet For 4" Wide, High-Density Polyethylene (HDPE), Shallow Modular Trench Drain	69.80
33 42 36 00-0010	EA	No-Hub Bottom Outlet For 4" Wide, High-Density Polyethylene (HDPE), Shallow Modular Trench Drain	69.80

33 42 36 00-0011 6" Wide, Modular Trench Drains *(33 42 36 00-0002)*

33 42 36 00-0012 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains *(33 42 36 00-0011)*

33 42 36 00-0013 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains *(33 42 36 00-0012)*

33 42 36 00-0014	LF	6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drain	227.46	20.29
		For Extra Heavy-Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*109.19*	
		For Galvanized Extra Heavy-Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*218.38*	
		For Stainless Steel Extra Heavy-Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*349.41*	
		For Type 304 Stainless Steel Top Veneer Frame, Add	*87.35*	
		For Aluminum Veneer Bronze Anodized Frame, Add	*43.68*	

33 42 36 00-0015 Outlet Adapters For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains *(33 42 36 00-0012)*

33 42 36 00-0016	EA	Closed End Cap For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	103.98
33 42 36 00-0017	EA	No-Hub End Outlet For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	116.65
33 42 36 00-0018	EA	No-Hub Bottom Outlet For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	116.65

33 42 36 00-0019 Other Fittings For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains *(33 42 36 00-0012)*

33 42 36 00-0020	EA	Bottom Dome Strainer For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	198.09
33 42 36 00-0021	EA	Joint Connector For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	198.09
33 42 36 00-0022	EA	90 Degree, 45 Degree, Tee Or Side Outlet Charge For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	936.91
33 42 36 00-0023	EA	Cross For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	1,810.43
33 42 36 00-0024	EA	Cutting Charge For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	218.38

33 42 36 00-0025 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0011)*

33 42 36 00-0026 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0025)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 36 00-0027	LF	6" Wide, Fiber Reinforced Polyester, Modular Trench Drain	330.10	20.29
		For Black Acid Resistant Coated Frame, Add	*82.98*	
		For Galvanized Top Frame Assembly, Add	*82.98*	
		For Type 304 Stainless Steel Top Frame Assembly, Add	*305.73*	
33 42 36 00-0028		**Outlet Adapters For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains** *(33 42 36 00-0025)*		
33 42 36 00-0029	EA	Closed End Cap For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	112.71	
33 42 36 00-0030	EA	No-Hub End Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	125.38	
33 42 36 00-0031	EA	No-Hub Bottom Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	125.38	
33 42 36 00-0032		**Other Fittings For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains** *(33 42 36 00-0025)*		
33 42 36 00-0033	EA	Bottom Dome Strainer For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	198.09	
33 42 36 00-0034	EA	Joint Connector For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	198.09	
33 42 36 00-0035	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	936.91	
33 42 36 00-0036	EA	Cross For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	1,810.43	
33 42 36 00-0037	EA	Cutting Charge For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	218.38	
33 42 36 00-0038		**6" Wide, Vinylester Fiberglass, Modular Trench Drains** *(33 42 36 00-0011)*		
33 42 36 00-0039		**6" Wide, Vinylester Fiberglass, Modular Trench Drains** *(33 42 36 00-0038)*		
33 42 36 00-0040	LF	6" Wide, Vinylester Fiberglass, Modular Trench Drain	426.19	20.29
		For Black Acid Resistant Coated Frame, Add	*82.98*	
		For Galvanized Top Frame Assembly, Add	*82.98*	
		For Type 304 Stainless Steel Top Frame Assembly, Add	*305.73*	
33 42 36 00-0041		**Outlet Adapters For 6" Wide, Vinylester Fiberglass, Modular Trench Drains** *(33 42 36 00-0038)*		
33 42 36 00-0042	EA	Closed End Cap For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	182.59	
33 42 36 00-0043	EA	No-Hub End Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	195.26	
33 42 36 00-0044	EA	No-Hub Bottom Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	195.26	
33 42 36 00-0045		**Other Fittings For 6" Wide, Vinylester Fiberglass, Modular Trench Drains** *(33 42 36 00-0038)*		
33 42 36 00-0046	EA	Bottom Dome Strainer For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	198.09	
33 42 36 00-0047	EA	Joint Connector For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	198.09	
33 42 36 00-0048	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	936.91	
33 42 36 00-0049	EA	Cross For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	1,810.43	
33 42 36 00-0050	EA	Cutting Charge For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	218.38	
33 42 36 00-0051		**6" Wide, Polymer Concrete, Modular Trench Drains** *(33 42 36 00-0011)*		
33 42 36 00-0052		**6" Wide, Polymer Concrete, Modular Trench Drains** *(33 42 36 00-0051)*		
33 42 36 00-0053	LF	6" Wide, Polymer Concrete, Modular Trench Drain	509.04	
33 42 36 00-0054		**Outlet Adapters For 6" Wide, Polymer Concrete, Modular Trench Drains** *(33 42 36 00-0051)*		
33 42 36 00-0055	EA	Closed End Cap For 6" Wide, Polymer Concrete, Modular Trench Drain	202.39	
33 42 36 00-0056	EA	No-Hub End Outlet For 6" Wide, Polymer Concrete, Modular Trench Drain	247.01	
33 42 36 00-0057	EA	No-Hub Bottom Outlet For 6" Wide, Polymer Concrete, Modular Trench Drain	79.83	
33 42 36 00-0058		**12" Wide, Modular Trench Drains** *(33 42 36 00-0002)*		
33 42 36 00-0059		**12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains** *(33 42 36 00-0058)*		
33 42 36 00-0060		**12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains** *(33 42 36 00-0059)*		
33 42 36 00-0061	LF	12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drain	427.03	27.89
		For Acid Resistant Coated Top Frame, Add	*113.56*	
		For Galvanized Welded Frame Assembly, Add	*119.02*	
		For Type 304 Stainless Steel Top Frame, Add	*681.35*	
33 42 36 00-0062		**Outlet Adapters For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains** *(33 42 36 00-0059)*		
33 42 36 00-0063	EA	End Cap For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	212.89	
33 42 36 00-0064	EA	No-Hub End Outlet For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	229.78	
33 42 36 00-0065	EA	No-Hub Bottom Outlet For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	229.78	
33 42 36 00-0066		**Other Fittings For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains** *(33 42 36 00-0059)*		
33 42 36 00-0067	EA	Bottom Dome Strainer For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	353.58	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 36 00-0068	EA	Joint Connector For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	462.77	
33 42 36 00-0069	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	1,844.57	
33 42 36 00-0070	EA	Cross For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	3,591.61	
33 42 36 00-0071	EA	Cutting Charges For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	436.76	
33 42 36 00-0072		12" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0058)*		
33 42 36 00-0073		12" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0072)*		
33 42 36 00-0074	LF	12" Wide, Fiber Reinforced Polyester, Modular Trench Drain	536.22	27.89
		For Acid Resistant Coated Top Frame, Add	*113.56*	
		For Galvanized Welded Frame Assembly, Add	*119.02*	
		For Type 304 Stainless Steel Top Frame, Add	*681.35*	
33 42 36 00-0075		Outlet Adapters For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0072)*		
33 42 36 00-0076	EA	End Cap For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	221.63	
33 42 36 00-0077	EA	No-Hub End Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	238.52	
33 42 36 00-0078	EA	No-Hub Bottom Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	238.52	
33 42 36 00-0079		Other Fittings For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0072)*		
33 42 36 00-0080	EA	Bottom Dome Strainer For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	353.58	
33 42 36 00-0081	EA	Joint Connector For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	462.77	
33 42 36 00-0082	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	1,844.57	
33 42 36 00-0083	EA	Cross For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	3,591.61	
33 42 36 00-0084	EA	Cutting Charges For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	436.76	
33 42 36 00-0085		12" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0058)*		
33 42 36 00-0086		12" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0085)*		
33 42 36 00-0087	LF	12" Wide, Vinylester Fiberglass, Modular Trench Drain	754.60	27.89
		For Acid Resistant Coated Top Frame, Add	*113.56*	
		For Galvanized Welded Frame Assembly, Add	*119.02*	
		For Type 304 Stainless Steel Top Frame, Add	*681.35*	
33 42 36 00-0088		Outlet Adapters For 12" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0085)*		
33 42 36 00-0089	EA	End Cap For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	549.20	
33 42 36 00-0090	EA	No-Hub End Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	566.09	
33 42 36 00-0091	EA	No-Hub Bottom Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	566.09	
33 42 36 00-0092		Other Fittings For 12" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0085)*		
33 42 36 00-0093	EA	Bottom Dome Strainer For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	353.58	
33 42 36 00-0094	EA	Joint Connector For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	462.77	
33 42 36 00-0095	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	1,844.57	
33 42 36 00-0096	EA	Cross For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	3,591.61	
33 42 36 00-0097	EA	Cutting Charges For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	436.76	
33 42 36 00-0098		12" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0058)*		
33 42 36 00-0099		12" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0098)*		
33 42 36 00-0100	LF	12" Wide, Polymer Concrete, Modular Trench Drain	682.73	
33 42 36 00-0101		Outlet Adapters For 12" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0098)*		
33 42 36 00-0102	EA	Closed End Cap For 12" Wide, Polymer Concrete, Modular Trench Drain	343.68	
33 42 36 00-0103	EA	No-Hub End Outlet For 12" Wide, Polymer Concrete, Modular Trench Drain	591.66	
33 42 36 00-0104	EA	No-Hub Bottom Outlet For 12" Wide, Polymer Concrete, Modular Trench Drain	139.12	
33 42 36 00-0105		23" Wide, Modular Trench Drains *(33 42 36 00-0002)*		
33 42 36 00-0106		23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains *(33 42 36 00-0105)*		
33 42 36 00-0107		23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains *(33 42 36 00-0106)*		
33 42 36 00-0108	LF	23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drain	598.49	38.03
		For Acid Resistant Coated Frame, Add	*170.34*	
		For Galvanized Frame Assembly, Add	*170.34*	
		For Type 304 Stainless Steel Top Frame, Add	*1,048.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 36 00-0109		**Outlet Adapters For 23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains** *(33 42 36 00-0106)*		
33 42 36 00-0110	EA	End Cap For 23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	674.01	
33 42 36 00-0111	EA	No-Hub End Outlet For 23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	986.22	
33 42 36 00-0112	EA	No-Hub Bottom Outlet For 23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	986.22	
33 42 36 00-0113		**Other Fittings For 23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains** *(33 42 36 00-0106)*		
33 42 36 00-0114	EA	Bottom Dome Strainer For 23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	802.36	
33 42 36 00-0115	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	3,652.55	
33 42 36 00-0116	EA	Cross For 23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	7,146.63	
33 42 36 00-0117	EA	Cutting Charges For 23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	873.52	
33 42 36 00-0118		**Modular Trench Drain Grates** *(33 42 36 00-0001)*		
33 42 36 00-0119		**4" Wide, Modular Trench Drain Grates** *(33 42 36 00-0118)*		
33 42 36 00-0120	LF	4" Wide, Polypropylene, Silver Heel Proof, Modular Trench Drain Grate (Zurn Z884-P4-HPP)	46.85	3.81
33 42 36 00-0121	LF	4" Wide, Class C Cast Iron, Modular Trench Drain Grate (Zurn Z884-P4-CG)	49.24	3.81
33 42 36 00-0122	LF	4" Wide, Galvanized Steel Slotted, Modular Trench Drain Grate (Zurn Z884-P4-FG)	39.70	3.81
33 42 36 00-0123	LF	4" Wide, Stainless Steel Slotted, Modular Trench Drain Grate (Zurn Z884-P4-FS)	105.24	3.81
33 42 36 00-0124	LF	4" Wide, Galvanized Steel Perforated, Modular Trench Drain Grate (Zurn Z884-P4-FG)	39.70	3.81
33 42 36 00-0125	LF	4" Wide, Stainless Steel Perforated, Modular Trench Drain Grate (Zurn Z884-P4-FS)	105.24	3.81
33 42 36 00-0126		**6" Wide, Modular Trench Drain Grates** *(33 42 36 00-0118)*		
33 42 36 00-0127	LF	6" Wide, Galvanized Ductile Iron Cast Bar, Modular Trench Drain Grate	215.98	3.81
33 42 36 00-0128	LF	6" Wide, Ductile Iron Cast Bar, Modular Trench Drain Grate	183.01	3.81
33 42 36 00-0129	LF	6" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	192.18	3.81
33 42 36 00-0130	LF	6" Wide, Ductile Iron Slotted, Modular Trench Drain Grate	167.94	3.81
33 42 36 00-0131	LF	6" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate	181.04	3.81
33 42 36 00-0132	LF	6" Wide, Heel Proof Ductile Iron, Modular Trench Drain Grate	183.23	3.81
33 42 36 00-0133	LF	6" Wide, Ductile Iron Longitudinal Slotted, Modular Trench Drain Grate	183.23	3.81
33 42 36 00-0134	LF	6" Wide, Galvanized Cast Iron Slotted, Modular Trench Drain Grate	181.04	3.81
33 42 36 00-0135	LF	6" Wide, Galvanized Steel Slotted, Modular Trench Drain Grate	159.21	3.81
33 42 36 00-0136	LF	6" Wide, Perforated Galvanized Steel, Modular Trench Drain Grate	159.21	3.81
33 42 36 00-0137	LF	6" Wide, Reinforced Galvanized Steel Slotted, Modular Trench Drain Grate	169.25	3.81
33 42 36 00-0138	LF	6" Wide, Reinforced Perforated Galvanized Steel, Modular Trench Drain Grate	169.25	3.81
33 42 36 00-0139	LF	6" Wide, Fabricated Stainless Steel Slotted, Modular Trench Drain Grate	220.35	3.81
33 42 36 00-0140	LF	6" Wide, Perforated Stainless Steel, Modular Trench Drain Grate	220.35	3.81
33 42 36 00-0141	LF	6" Wide, Reinforced Stainless Steel Slotted, Modular Trench Drain Grate	403.79	3.81
33 42 36 00-0142	LF	6" Wide, Reinforced Perforated Stainless Steel, Modular Trench Drain Grate	403.79	3.81
33 42 36 00-0143	LF	6" Wide, Stainless Steel Bar, Modular Trench Drain Grate	1,124.45	3.81
33 42 36 00-0144	LF	6" Wide, Heel Proof Polyethylene, Modular Trench Drain Grate	150.47	3.81
33 42 36 00-0145	LF	6" Wide, Fiberglass, Modular Trench Drain Grate	325.17	3.81
33 42 36 00-0146		**12" Wide, Modular Trench Drain Grates** *(33 42 36 00-0118)*		
33 42 36 00-0147	LF	12" Wide, Black Acid Resistant Coated Ductile Iron, Modular Trench Drain Grate	596.61	4.12
33 42 36 00-0148	LF	12" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	570.40	4.12
33 42 36 00-0149	LF	12" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate	496.15	4.12
33 42 36 00-0150	LF	12" Wide, Heel Proof Ductile Iron, Modular Trench Drain Grate	521.26	4.12
33 42 36 00-0151	LF	12" Wide, Perforated Galvanized Steel, Modular Trench Drain Grate	450.29	4.12
33 42 36 00-0152	LF	12" Wide, Reinforced Galvanized Steel Slotted, Modular Trench Drain Grate	881.59	4.12
33 42 36 00-0153	LF	12" Wide, Reinforced Perforated Galvanized Steel, Modular Trench Drain Grate	881.59	4.12
33 42 36 00-0154	LF	12" Wide, Fabricated Stainless Steel Slotted, Modular Trench Drain Grate	1,125.09	4.12
33 42 36 00-0155	LF	12" Wide, Perforated Stainless Steel, Modular Trench Drain Grate	1,125.09	4.12
33 42 36 00-0156	LF	12" Wide, Reinforced Stainless Steel Slotted, Modular Trench Drain Grate	1,436.28	4.12
33 42 36 00-0157	LF	12" Wide, Reinforced Perforated Stainless Steel Slotted, Modular Trench Drain Grate	1,436.28	4.12
33 42 36 00-0158	LF	12" Wide, Stainless Steel Cast Bar, Modular Trench Drain Grate	1,363.12	4.12
33 42 36 00-0159	LF	12" Wide, Fiberglass, Modular Trench Drain Grate	643.56	4.12
33 42 36 00-0160		**23" Wide, Modular Trench Drain Grates** *(33 42 36 00-0118)*		
33 42 36 00-0161	LF	23" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	942.28	4.44
33 42 36 00-0162	LF	23" Wide, Ductile Iron Slotted, Modular Trench Drain Grate	793.78	4.44
33 42 36 00-0163	LF	23" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate	1,230.54	4.44
33 42 36 00-0164	LF	23" Wide, Heel Proof Longitudinal Ductile Iron, Modular Trench Drain Grate	911.70	4.44

33 44 Storm Utility Water Drains *(33 40)*

33 44 36 Oil and Stormwater Separators *(33 44)*

33 44 36 00-0001		**Oil/Water Separator** *(33 44 36)* Note: Complete with internal sensors and detectors.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 44 36 00-0002 Coalescing Oil Water Separator *(33 44 36 00-0001)*

Note: Underground tank with interior polyurethane coating. Includes manways, coalescer, inlet and outlet spools, pump mount, 2" level sensor pipe and 4" pump out pipe. HighGuard as manufactured by Highland Tank, Stoystown, PA.

33 44 36 00-0003 Single Wall Steel Coalescing Oil Water Separator *(33 44 36 00-0002)*

33 44 36 00-0004	EA	550 Gallon, 55 GPM Single Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 550. 3'-6" diameter x 10'-9" long tank.	20,156.75	
		For Interior Polyurethane Coating, Add	*711.00*	
33 44 36 00-0005	EA	1,000 Gallon, 100 GPM Single Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 1000. 4' diameter x 14' long tank.	24,647.58	
		For Interior Polyurethane Coating, Add	*893.70*	
33 44 36 00-0006	EA	2,000 Gallon, 200 GPM Single Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 2000. 5'-4" diameter x 15' long tank.	29,503.87	
		For Interior Polyurethane Coating, Add	*1,340.10*	

33 44 36 00-0007 Double Wall Steel Coalescing Oil Water Separator *(33 44 36 00-0002)*

33 44 36 00-0008	EA	550 Gallon, 55 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 550. 3'-6" diameter x 10'-9" long tank.	31,272.44	
		For Interior Polyurethane Coating, Add	*711.00*	
33 44 36 00-0009	EA	1,000 Gallon, 100 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 1000. 4' diameter x 14' long tank.	35,959.55	
		For Interior Polyurethane Coating, Add	*893.70*	
33 44 36 00-0010	EA	2,000 Gallon, 200 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 2000. 5'-4" diameter x 15' long tank.	43,897.97	
		For Interior Polyurethane Coating, Add	*1,340.10*	
33 44 36 00-0011	EA	3,000 Gallon, 300 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 3000. 5'-4" diameter x 21'-4" long tank.	51,081.91	
		For Interior Polyurethane Coating, Add	*1,550.70*	
33 44 36 00-0012	EA	5,000 Gallon, 500 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 5000. 6' diameter x 28'-8" long tank.	67,811.94	
		For Interior Polyurethane Coating, Add	*2,057.80*	

33 44 36 00-0013 Accessories For Coalescing Oil Water Separators *(33 44 36 00-0002)*

33 44 36 00-0014	EA	Single Channel Alarm Panel For Coalescing Oil Water Separator Note: HTAP1.	1,250.48	
33 44 36 00-0015	EA	Two Channel Alarm Panel For Coalescing Oil Water Separator Note: HTAP2.	1,700.41	
33 44 36 00-0016	EA	Float Interface Sensor For Coalescing Oil Water Separator Note: Required for UL 2215 label.	1,009.68	
33 44 36 00-0017	EA	1-1/2" Liquid Only Sensor For Coalescing Oil Water Separator Note: Required for UL 2215 label.	746.07	
33 44 36 00-0018	EA	Polyvinyl Chloride (PVC) Cap For 2" Sensor For Coalescing Oil Water Separator Note: Required for UL 2215 label.	251.78	
33 44 36 00-0019	EA	550, 1,000 Or 2,000 Gallon Tank Concrete Deadmen Set (2 Each) For Coalescing Oil Water Separator	4,284.19	
33 44 36 00-0020	EA	3,000 Gallon Tank Concrete Deadmen Set (4 Each) For Coalescing Oil Water Separator	8,568.36	
33 44 36 00-0021	EA	5,000 Gallon Tank Concrete Deadmen Set (6 Each) For Coalescing Oil Water Separator	12,852.64	
33 44 36 00-0022	EA	550 Or 1,000 Gallon Tank Polyester Hold Down Straps (2 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	771.94	
33 44 36 00-0023	EA	2,000 Gallon Tank Polyester Hold Down Straps (2 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	912.53	
33 44 36 00-0024	EA	3,000 Gallon Tank Polyester Hold Down Straps (4 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	1,825.08	
33 44 36 00-0025	EA	5,000 Gallon Tank Polyester Hold Down Straps (6 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	4,055.72	
33 44 36 00-0026	EA	30" Diameter Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	1,101.46	
33 44 36 00-0027	EA	36" Diameter Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	1,436.31	
33 44 36 00-0028	EA	48" Diameter Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	1,990.85	
33 44 36 00-0029	EA	54" x 54" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	3,634.06	
33 44 36 00-0030	EA	66" x 54" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	4,675.35	
33 44 36 00-0031	EA	66" x 66" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	5,870.41	
33 44 36 00-0032	EA	78" x 66" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	7,403.79	
33 44 36 00-0033	EA	550 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	1,465.27	
33 44 36 00-0034	EA	1,000 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	1,786.01	
33 44 36 00-0035	EA	2,000 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	2,805.33	
33 44 36 00-0036	EA	550 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	1,397.17	
33 44 36 00-0037	EA	1,000 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	1,695.94	
33 44 36 00-0038	EA	2,000 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	2,012.28	
33 44 36 00-0039	EA	18" Manhole Gasket (Material Only) For Coalescing Oil Water Separator	118.63	
33 44 36 00-0040	EA	24" Manhole Gasket (Material Only) For Coalescing Oil Water Separator	134.01	

33 44 36 00-0041 Oil Skimmers *(33 44 36)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 44 36 00-0042		**Oil Skimmers, 12" And 24" Models** *(33 44 36 00-0041)*		
33 44 36 00-0043	EA	Oil Skimmers, TENV, 12" Open, 1/2 HP, 230/460 Volt, 3 Phase	5,226.61	688.74
33 44 36 00-0044	EA	Oil Skimmers, Explosion-Proof, 12" Open, 1/2 HP, 230/460 Volt, 3 Phase	5,462.41	688.74
33 44 36 00-0045	EA	Oil Skimmers, TENV, 12" Open, 1/2 HP, 115/220 Volt, 1 Phase	5,248.45	688.74
33 44 36 00-0046	EA	Oil Skimmers, Explosion-Proof, 12" Open, 1/2 HP, 115/220 Volt, 1 Phase	5,550.83	688.74
33 44 36 00-0047	EA	Oil Skimmers, TENV, 12" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	5,496.25	688.74
33 44 36 00-0048	EA	Oil Skimmers, Explosion-Proof, 12" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	5,696.02	688.74
33 44 36 00-0049	EA	Oil Skimmers, TENV, 12" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	5,547.55	688.74
33 44 36 00-0050	EA	Oil Skimmers, Explosion-Proof, 12" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	5,848.85	688.74
33 44 36 00-0051	EA	Oil Skimmers, TENV, 24" Open, 1/2 HP, 230/460 Volt, 3 Phase	5,939.32	918.52
33 44 36 00-0052	EA	Oil Skimmers, Explosion-Proof, 24" Open, 1/2 HP, 230/460 Volt, 3 Phase	6,191.49	918.52
33 44 36 00-0053	EA	Oil Skimmers, TENV, 24" Open, 1/2 HP, 115/220 Volt, 1 Phase	6,005.91	918.52
33 44 36 00-0054	EA	Oil Skimmers, Explosion-Proof, 24" Open, 1/2 HP, 115/220 Volt, 1 Phase	6,368.34	918.52
33 44 36 00-0055	EA	Oil Skimmers, TENV, 24" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	6,576.84	918.52
33 44 36 00-0056	EA	Oil Skimmers, Explosion-Proof, 24" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	6,829.01	918.52
33 44 36 00-0057	EA	Oil Skimmers, TENV, 24" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	6,630.33	918.52
33 44 36 00-0058	EA	Oil Skimmers, Explosion-Proof, 24" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	6,993.85	918.52
33 44 36 00-0059		**Oil Skimmers, Add-Ons** *(33 44 36 00-0041)*		
33 44 36 00-0060	LF	Add For Belt Projection, 12" Width	16.37	
33 44 36 00-0061	LF	Add For Belt Projection, 24" Width	30.57	
33 44 36 00-0062	LF	Add For Spacer Stands, 12" Models	276.33	
33 44 36 00-0063	LF	Add For Spacer Stands, 24" Models	324.36	

33 46 Stormwater Management *(33 40)*

33 46 23 Modular Buried Stormwater Storage Units *(33 46)*

33 46 23 00-0001		**Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™)** *(33 46 23)* Note: Includes chambers and end caps delivery to site. Excludes excavation and earthwork, foundation stone, embedment and perimeter stone, geotextile fabrics and cutting holes in chambers. See CSI section 31 05 16 00-0000 for aggregate (foundation, embedment and perimeter stone), 31 23 16 36-0000 for excavation and earth backfill, 31 32 19 16-0000 for woven and non-woven geotextile fabric.		
33 46 23 00-0002		**85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-740)** *(33 46 23 00-0001)*		
33 46 23 00-0003	EA	Up To 10, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-740)	616.27	
33 46 23 00-0004	EA	>10 To 20, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-740)	569.50	
33 46 23 00-0005	EA	>20 To 30, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-740)	535.35	
33 46 23 00-0006	EA	>30, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-740)	502.31	
33 46 23 00-0007	EA	Up To 10, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-740)	252.79	
33 46 23 00-0008	EA	>10 To 20, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-740)	224.19	
33 46 23 00-0009	EA	>20 To 30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-740)	207.31	
33 46 23 00-0010	EA	>30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-740)	190.67	
33 46 23 00-0011		**85.4" Long x 34" Wide x 16" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-310)** *(33 46 23 00-0001)*		
33 46 23 00-0012	EA	Up To 10, 85.4" Long x 34" Wide x 16" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-310)	348.88	
33 46 23 00-0013	EA	>10 To 20, 85.4" Long x 34" Wide x 16" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-310)	320.07	
33 46 23 00-0014	EA	>20 To 30, 85.4" Long x 34" Wide x 16" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-310)	299.80	
33 46 23 00-0015	EA	>30, 85.4" Long x 34" Wide x 16" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-310)	281.22	
33 46 23 00-0016	EA	Up To 10, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-310)	197.18	
33 46 23 00-0017	EA	>10 To 20, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-310)	175.95	
33 46 23 00-0018	EA	>20 To 30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-310)	162.86	
33 46 23 00-0019	EA	>30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-310)	151.13	
33 46 23 00-0020		**90" Long x 77" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC3500)** *(33 46 23 00-0001)*		
33 46 23 00-0021	EA	Up To 10, 90" Long x 77" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC3500)	1,053.00	
33 46 23 00-0022	EA	>10 To 20, 90" Long x 77" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC3500)	982.42	
33 46 23 00-0023	EA	>20 To 30, 90" Long x 77" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC3500)	925.46	
33 46 23 00-0024	EA	>30, 90" Long x 77" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC3500)	873.50	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 46 23 00-0025	EA	Up To 10, 25.7" Long x 75" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC3500)	885.78	
33 46 23 00-0026	EA	>10 To 20, 25.7" Long x 75" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC3500)	823.54	
33 46 23 00-0027	EA	>20 To 30, 25.7" Long x 75" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC3500)	774.54	
33 46 23 00-0028	EA	>30, 25.7" Long x 75" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC3500)	730.12	
33 46 23 00-0029		85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ DC-780) *(33 46 23 00-0001)*		
33 46 23 00-0030	EA	Up To 10, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ DC-780)	640.25	
33 46 23 00-0031	EA	>10 To 20, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ DC-780)	592.30	
33 46 23 00-0032	EA	>20 To 30, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ DC-780)	556.99	
33 46 23 00-0033	EA	>30, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ DC-780)	522.86	
33 46 23 00-0034	EA	Up To 10, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ DC-780)	252.79	
33 46 23 00-0035	EA	>10 To 20, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ DC-780)	219.66	
33 46 23 00-0036	EA	>20 To 30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ DC-780)	207.31	
33 46 23 00-0037	EA	>30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ DC-780)	190.67	
33 46 23 00-0038		52" Long x 100" Wide x 60" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC4500) *(33 46 23 00-0001)*		
33 46 23 00-0039	EA	Up To 10, 52" Long x 100" Wide x 60" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC4500)	1,094.03	
33 46 23 00-0040	EA	>10 To 20, 52" Long x 100" Wide x 60" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC4500)	1,019.43	
33 46 23 00-0041	EA	>20 To 30, 52" Long x 100" Wide x 60" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC4500)	958.47	
33 46 23 00-0042	EA	>30, 52" Long x 100" Wide x 60" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC4500)	905.43	
33 46 23 00-0043	EA	Up To 10, 35.1" Long x 90.2" Wide x 59.4" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC4500)	1,364.77	
33 46 23 00-0044	EA	>10 To 20, 35.1" Long x 90.2" Wide x 59.4" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC4500)	1,276.61	
33 46 23 00-0045	EA	>20 To 30, 35.1" Long x 90.2" Wide x 59.4" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC4500)	1,202.81	
33 46 23 00-0046	EA	>30, 35.1" Long x 90.2" Wide x 59.4" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC4500)	1,137.55	
33 46 23 00-0047		Cut Opening In Polypropylene Corrugated Wall Stormwater Collection Chambers *(33 46 23 00-0001)*		
33 46 23 00-0048	EA	Cut Up To 6" Diameter Opening, Polypropylene Corrugated Wall Stormwater Collection Chamber Or End Cap	64.13	
33 46 23 00-0049	EA	Cut >6" To 12" Diameter Opening, Polypropylene Corrugated Wall Stormwater Collection Chamber Or End Cap	81.44	
33 46 23 00-0050	EA	Cut >12" To 24" Diameter Opening, Polypropylene Corrugated Wall Stormwater Collection Chamber Or End Cap	106.39	
33 46 23 00-0051	EA	Cut >24" To 36" Diameter Opening, Polypropylene Corrugated Wall Stormwater Collection Chamber Or End Cap	134.42	
33 46 23 00-0052	EA	12" x 6" Inspection Port Kit Note: (2712AG6IPKIT)	775.43	
33 46 53		**Stormwater Leaching Pits** *(33 46)*		
33 46 53 00-0001		Drainage Wells *(33 46 53)* Note: Includes augering hole.		
33 46 53 00-0002	LF	12" Diameter Drainage Well With Corrugated Metal Liner	37.05	
33 46 53 00-0003	LF	18" Diameter Drainage Well With Corrugated Metal Liner	45.36	
33 46 53 00-0004	LF	24" Diameter Drainage Well With Corrugated Metal Liner	60.89	

33 50 Hydrocarbon Utilities *(33)*

33 52 Hydrocarbon Transmission and Distribution *(33 50)*

33 52 16 Gas Hydrocarbon Piping *(33 52)*

33 52 16 13 Steel Natural Gas Piping *(33 52 16)*

See CSI section 23 05 23 00-0000 for gas valves.

33 52 16 13-0001		Gas Distribution Lines *(33 52 16 13)* Note: Excludes excavation and backfill.		
33 52 16 13-0002		Gas Line Taps *(33 52 16 13-0001)* Note: Includes material to tap into main and gas valve.		
33 52 16 13-0003		Polyethylene, 60 PSI *(33 52 16 13-0002)*		
33 52 16 13-0004	EA	2" Polyethylene Hot Tap, With Valve	2,593.08	
33 52 16 13-0005	EA	2-1/2" Polyethylene Hot Tap, With Valve	3,705.15	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 52 16 13-0006	EA	3" Polyethylene Hot Tap, With Valve	3,879.08	
33 52 16 13-0007	EA	4" Polyethylene Hot Tap, With Valve	4,540.03	
33 52 16 13-0008	EA	6" Polyethylene Hot Tap, With Valve	7,041.12	
33 52 16 13-0009		Steel, Schedule 40 *(33 52 16 13-0002)*		
		Note: For punch steel service tee.		
33 52 16 13-0010	EA	1/2" Iron Pipe Size Weld Base, 1/2" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	2,680.50	
33 52 16 13-0011	EA	3/4" Iron Pipe Size Weld Base, 1/2" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	2,725.90	
33 52 16 13-0012	EA	3/4" Iron Pipe Size Weld Base, 3/4" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	2,789.80	
33 52 16 13-0013	EA	3/4" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	2,851.57	
33 52 16 13-0014	EA	1" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	2,896.80	
33 52 16 13-0015	EA	1-1/4" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Value Steel Service Tee	3,151.58	
33 52 16 13-0016	EA	1-1/4" Iron Pipe Size Weld Base, 1-1/4" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	3,232.39	
33 52 16 13-0017		Protective Pipe And Fitting Wrap *(33 52 16 13-0001)*		
		Note: Includes cleaning and priming pipe.		
33 52 16 13-0018		Corrosion Protection Pipe Wrap For Pipe *(33 52 16 13-0017)*		
		Note: Field applied.		
33 52 16 13-0019	LF	1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	4.25	
33 52 16 13-0020	LF	3/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	4.45	
33 52 16 13-0021	LF	1" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	4.68	
33 52 16 13-0022	LF	1-1/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	5.28	
33 52 16 13-0023	LF	1-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	5.62	
33 52 16 13-0024	LF	2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	6.48	
33 52 16 13-0025	LF	2-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	7.97	
33 52 16 13-0026	LF	3" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	9.97	
33 52 16 13-0027	LF	4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	12.65	
33 52 16 13-0028	LF	6" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	16.93	
33 52 16 13-0029		Corrosion Resistance Wrap And Coat - Fittings *(33 52 16 13-0017)*		
		Note: Field applied.		
33 52 16 13-0030	EA	1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	21.71	
33 52 16 13-0031	EA	3/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	21.71	
33 52 16 13-0032	EA	1" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	26.69	
33 52 16 13-0033	EA	1-1/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	30.29	
33 52 16 13-0034	EA	1-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	30.29	
33 52 16 13-0035	EA	2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	35.87	
33 52 16 13-0036	EA	2-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	47.77	
33 52 16 13-0037	EA	3" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	66.91	
33 52 16 13-0038	EA	4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	67.90	
33 52 16 13-0039	EA	6" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	78.41	
33 52 16 13-0040		Service Fittings *(33 52 16 13-0001)*		
33 52 16 13-0041		Brass Fittings *(33 52 16 13-0040)*		
33 52 16 13-0042	EA	1/2" X 2" Long Nipples, Threaded Both Ends, Brass	41.43	
33 52 16 13-0043	EA	3/4" X 2" Long Nipples, Threaded Both Ends, Brass	48.23	
33 52 16 13-0044	EA	1" X 2" Long Nipples, Threaded Both Ends, Brass	61.35	
33 52 16 13-0045	EA	1-1/4" X 2" Long Nipples, Threaded Both Ends, Brass	76.39	
33 52 16 13-0046	EA	1-1/2" X 2" Long Nipples, Threaded Both Ends, Brass	85.84	
33 52 16 13-0047	EA	2" X 2" Long Nipples, Threaded Both Ends, Brass	112.21	
33 52 16 13-0048	EA	1/2" 90 Degree Elbow, Brass	35.72	
33 52 16 13-0049	EA	3/4" 90 Degree Elbow, Brass	41.15	
33 52 16 13-0050	EA	1" 90 Degree Elbow, Brass	53.61	
33 52 16 13-0051	EA	1-1/4" 90 Degree Elbow, Brass	69.65	
33 52 16 13-0052	EA	1-1/2" 90 Degree Elbow, Brass	79.80	
33 52 16 13-0053	EA	2" 90 Degree Elbow, Brass	107.24	
33 52 16 13-0054	EA	1/2" Diameter Chrome Plated Nipple	27.94	
33 52 16 13-0055	EA	3/4" Diameter Chrome Plated Nipple	35.95	
33 52 16 13-0056	EA	1" Diameter Chrome Plated Nipple	46.83	
33 52 16 13-0057	EA	1-1/4" Diameter Chrome Plated Nipple	66.66	
33 52 16 13-0058	EA	1-1/2" Diameter Chrome Plated Nipple	80.71	
33 52 16 13-0059	EA	2" Diameter Chrome Plated Nipple	108.53	
33 52 16 13-0060		Anodeless Gas Riser *(33 52 16 13-0040)*		
33 52 16 13-0061	EA	3/4" Anodeless Gas Riser	106.67	
33 52 16 13-0062	EA	1" Anodeless Gas Riser	132.17	
33 52 16 13-0063	EA	1-1/4" Anodeless Gas Riser	155.48	
33 52 16 13-0064	EA	1-1/2" Anodeless Gas Riser	195.38	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 52 16 13-0065	EA	2" Anodeless Gas Riser	224.81	

33 52 16 13-0066 Brass Service Adapter *(33 52 16 13-0040)*

33 52 16 13-0067	EA	1/2" Brass Service Adapter	70.73	
33 52 16 13-0068	EA	3/4" Brass Service Adapter	77.82	
33 52 16 13-0069	EA	1" Brass Service Adapter	93.12	
33 52 16 13-0070	EA	1-1/4" Brass Service Adapter	110.70	
33 52 16 13-0071	EA	1-1/2" Brass Service Adapter	130.60	
33 52 16 13-0072	EA	2" Brass Service Adapter	154.42	
33 52 16 13-0073	EA	2-1/2" Brass Service Adapter	275.45	
33 52 16 13-0074	EA	3" Brass Service Adapter	336.23	
33 52 16 13-0075	EA	4" Brass Service Adapter	482.88	

33 52 16 23 Medium Density Polyethylene Piping for Natural Gas *(33 52 16)*

33 52 16 23-0001 Medium Density Polyethylene (MDPE) Gas Distribution Piping *(33 52 16 23)*

Note: PE2406/PE2708. Includes couplings, #12 tracer wire, helically wrapped around piping.

33 52 16 23-0002	LF	1/2" Diameter, SDR 9, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	4.63	1.98
		For Colors, Add	*0.07*	
33 52 16 23-0003	LF	3/4" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	5.18	2.12
		For Colors, Add	*0.10*	
33 52 16 23-0004	LF	1" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	5.75	2.26
		For Colors, Add	*0.12*	
33 52 16 23-0005	LF	1-1/4" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	6.32	2.40
		For Colors, Add	*0.14*	
33 52 16 23-0006	LF	1-1/2" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	7.36	2.89
		For Colors, Add	*0.20*	
33 52 16 23-0007	LF	2" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	8.40	3.14
		For Colors, Add	*0.26*	
33 52 16 23-0008	LF	2-1/2" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	10.85	3.68
		For Colors, Add	*0.43*	
33 52 16 23-0009	LF	3" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	13.42	4.38
		For Colors, Add	*0.59*	
33 52 16 23-0010	LF	4" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	22.38	5.25
		For Colors, Add	*1.10*	
33 52 16 23-0011	LF	5" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	28.55	5.25
		For SDR 13.5, Deduct	*-2.36*	
		For SDR 15.5, Deduct	*-4.34*	
		For Colors, Add	*1.52*	
33 52 16 23-0012	LF	6" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	34.84	5.25
		For Colors, Add	*1.95*	
33 52 16 23-0013	LF	8" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	52.33	6.57
		For Colors, Add	*3.24*	

33 52 16 26 High-Density Polyethylene (HDPE) Piping for Natural Gas *(33 52 16)*

33 52 16 26-0001 High-Density Polyethylene (HDPE) Gas Distribution Piping *(33 52 16 26)*

Note: ASTM F2619, ASTM D2513, API 15 LE. Includes couplings, #12 tracer wire, helically wrapped around piping.

33 52 16 26-0002	LF	1/2" Diameter, SDR 9 High-Density Polyethylene (HDPE) Gas Distribution Pipe	4.73	1.98
33 52 16 26-0003	LF	3/4" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe	5.31	2.12
		For SDR 13.5, Deduct	*-0.16*	
33 52 16 26-0004	LF	1" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe	5.89	2.26
		For SDR 13.5, Deduct	*-0.20*	
33 52 16 26-0005	LF	1-1/4" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe	6.50	2.40
		For SDR 13.5, Deduct	*-0.24*	
33 52 16 26-0006	LF	1-1/2" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe	7.61	2.89
		For SDR 13.5, Deduct	*-0.34*	
33 52 16 26-0007	LF	2" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe	8.73	3.14
		For SDR 13.5, Deduct	*-0.45*	
		For SDR 15.5, Deduct	*-0.82*	
		For SDR 17, Deduct	*-1.19*	
33 52 16 26-0008	LF	2-1/2" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe	11.40	3.68
		For SDR 13.5, Deduct	*-0.74*	
		For SDR 15.5, Deduct	*-1.36*	
		For SDR 17, Deduct	*-1.98*	
33 52 16 26-0009	LF	3" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe	14.16	4.38
		For SDR 13.5, Deduct	*-1.01*	
		For SDR 15.5, Deduct	*-1.86*	
		For SDR 17, Deduct	*-2.70*	
		For SDR 21, Deduct	*-3.70*	
33 52 16 26-0010	LF	4" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe	23.76	5.25
		For SDR 13.5, Deduct	*-1.87*	
		For SDR 15.5, Deduct	*-3.44*	
		For SDR 17, Deduct	*-4.99*	
		For SDR 21, Deduct	*-6.84*	
33 52 16 26-0011	LF	6" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe	37.27	5.25
		For SDR 13.5, Deduct	*-3.32*	
		For SDR 15.5, Deduct	*-6.10*	
		For SDR 17, Deduct	*-8.86*	
		For SDR 21, Deduct	*-12.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 52 16 26-0012	LF	8" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe	56.39	6.57
		For SDR 13.5, Deduct	*-5.53*	
		For SDR 15.5, Deduct	*-10.16*	
		For SDR 17, Deduct	*-14.75*	
		For SDR 21, Deduct	*-20.19*	

33 56 Hydrocarbon Storage *(33 50)*

33 56 13 Aboveground Hydrocarbon Storage Tanks *(33 56)*

See CSI section 23 13 23 00-0000 for aboveground storage tanks.

33 56 33 Underground Hydrocarbon Storage *(33 56)*

See CSI section 23 13 13 00-0000 for underground storage tanks.

33 60 Hydronic and Steam Energy Utilities *(33)*

33 61 Hydronic Energy Distribution *(33 60)*

33 61 13 Buried Hydronic Energy Distribution *(33 61)*

33 61 13 00-0001 Prefabricated/Preinsulated Pipe *(33 61 13)*

Note: Includes coupling per full length of pipe. Insulation and jacketing sealed for seamless system including all fittings. Excludes excavation and backfill. See CSI section 23 01 20 91-0041 for purging of existing system.

33 61 13 00-0002 Preinsulated Schedule 40 Black Steel Pipe *(33 61 13 00-0001)*

Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.

33 61 13 00-0003 Standard Black Steel Carrier Pipe *(33 61 13 00-0002)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0004	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	193.96	21.88
		For High-Density Polyethylene (HDPE) Jacket, Add	*3.30*	
		For Schedule 80 Pipe, Add	*32.96*	
33 61 13 00-0005	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	212.71	23.61
		For High-Density Polyethylene (HDPE) Jacket, Add	*3.62*	
		For Schedule 80 Pipe, Add	*36.25*	
33 61 13 00-0006	LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	237.57	25.06
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.08*	
		For Schedule 80 Pipe, Add	*40.83*	
33 61 13 00-0007	LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	254.39	26.47
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.38*	
		For Schedule 80 Pipe, Add	*43.82*	
33 61 13 00-0008	LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	266.52	28.10
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.58*	
		For Schedule 80 Pipe, Add	*45.81*	
33 61 13 00-0009	LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	295.29	34.75
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.98*	
		For Schedule 80 Pipe, Add	*49.79*	
33 61 13 00-0010	LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	325.42	42.40
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.38*	
		For Schedule 80 Pipe, Add	*53.78*	
33 61 13 00-0011	LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	410.59	54.00
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.77*	
		For Schedule 80 Pipe, Add	*67.72*	
33 61 13 00-0012	LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	521.37	66.13
		For High-Density Polyethylene (HDPE) Jacket, Add	*8.66*	
		For Schedule 80 Pipe, Add	*86.64*	
33 61 13 00-0013	LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	606.22	77.48
		For High-Density Polyethylene (HDPE) Jacket, Add	*10.06*	
		For Schedule 80 Pipe, Add	*100.58*	
33 61 13 00-0014	LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	856.77	93.62
		For High-Density Polyethylene (HDPE) Jacket, Add	*14.64*	
		For Schedule 80 Pipe, Add	*146.39*	
33 61 13 00-0015	LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,114.52	111.41
		For High-Density Polyethylene (HDPE) Jacket, Add	*19.32*	
		For Schedule 80 Pipe, Add	*193.20*	
33 61 13 00-0016	LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,387.79	137.10
		For High-Density Polyethylene (HDPE) Jacket, Add	*24.10*	
		For Schedule 80 Pipe, Add	*241.00*	

33 61 13 00-0017 Standard Black Steel Carrier Pipe *(33 61 13 00-0002)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0018	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	210.45	21.88
		For High-Density Polyethylene (HDPE) Jacket, Add	*3.63*	
		For Schedule 80 Pipe, Add	*36.26*	
33 61 13 00-0019	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	230.84	23.61
		For High-Density Polyethylene (HDPE) Jacket, Add	*3.99*	
		For Schedule 80 Pipe, Add	*39.87*	
33 61 13 00-0020	LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	257.99	25.06
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.49*	
		For Schedule 80 Pipe, Add	*44.91*	
33 61 13 00-0021	LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	276.30	26.47
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.82*	
		For Schedule 80 Pipe, Add	*48.20*	
33 61 13 00-0022	LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	289.42	28.10
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.04*	
		For Schedule 80 Pipe, Add	*50.39*	
33 61 13 00-0023	LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pip With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	320.19	34.75
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.48*	
		For Schedule 80 Pipe, Add	*54.77*	
33 61 13 00-0024	LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	352.31	42.40
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.92*	
		For Schedule 80 Pipe, Add	*59.15*	
33 61 13 00-0025	LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	444.45	54.00
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.45*	
		For Schedule 80 Pipe, Add	*74.49*	
33 61 13 00-0026	LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	564.69	66.13
		For High-Density Polyethylene (HDPE) Jacket, Add	*9.53*	
		For Schedule 80 Pipe, Add	*95.30*	
33 61 13 00-0027	LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	656.51	77.48
		For High-Density Polyethylene (HDPE) Jacket, Add	*11.06*	
		For Schedule 80 Pipe, Add	*110.64*	
33 61 13 00-0028	LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	929.97	93.62
		For High-Density Polyethylene (HDPE) Jacket, Add	*16.10*	
		For Schedule 80 Pipe, Add	*161.03*	
33 61 13 00-0029	LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,211.11	111.41
		For High-Density Polyethylene (HDPE) Jacket, Add	*21.25*	
		For Schedule 80 Pipe, Add	*212.51*	
33 61 13 00-0030	LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,508.29	137.10
		For High-Density Polyethylene (HDPE) Jacket, Add	*26.51*	
		For Schedule 80 Pipe, Add	*265.10*	

33 61 13 00-0031 Standard Black Steel Carrier Pipe *(33 61 13 00-0002)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0032	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	218.69	21.88
		For High-Density Polyethylene (HDPE) Jacket, Add	*3.79*	
		For Schedule 80 Pipe, Add	*37.91*	
33 61 13 00-0033	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	239.90	23.61
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.17*	
		For Schedule 80 Pipe, Add	*41.69*	
33 61 13 00-0034	LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	268.19	25.06
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.70*	
		For Schedule 80 Pipe, Add	*46.95*	
33 61 13 00-0035	LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	287.25	26.47
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.04*	
		For Schedule 80 Pipe, Add	*50.39*	
33 61 13 00-0036	LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	300.87	28.10
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.27*	
		For Schedule 80 Pipe, Add	*52.68*	
33 61 13 00-0037	LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	332.64	34.75
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.73*	
		For Schedule 80 Pipe, Add	*57.26*	
33 61 13 00-0038	LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	365.75	42.40
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.18*	
		For Schedule 80 Pipe, Add	*61.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0039	LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	461.38	54.00
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.79*	
		For Schedule 80 Pipe, Add	*77.88*	
33 61 13 00-0040	LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	586.35	66.13
		For High-Density Polyethylene (HDPE) Jacket, Add	*9.96*	
		For Schedule 80 Pipe, Add	*99.64*	
33 61 13 00-0041	LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	681.65	77.48
		For High-Density Polyethylene (HDPE) Jacket, Add	*11.57*	
		For Schedule 80 Pipe, Add	*115.67*	
33 61 13 00-0042	LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	966.56	93.62
		For High-Density Polyethylene (HDPE) Jacket, Add	*16.83*	
		For Schedule 80 Pipe, Add	*168.35*	
33 61 13 00-0043	LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,259.41	111.41
		For High-Density Polyethylene (HDPE) Jacket, Add	*22.22*	
		For Schedule 80 Pipe, Add	*222.17*	
33 61 13 00-0044	LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,568.54	137.10
		For High-Density Polyethylene (HDPE) Jacket, Add	*27.71*	
		For Schedule 80 Pipe, Add	*277.15*	

33 61 13 00-0045 Standard Black Steel Carrier Pipe *(33 61 13 00-0002)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0046	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	231.05	21.88
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.04*	
		For Schedule 80 Pipe, Add	*40.38*	
33 61 13 00-0047	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	253.50	23.61
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.44*	
		For Schedule 80 Pipe, Add	*44.41*	
33 61 13 00-0048	LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	283.50	25.06
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.00*	
		For Schedule 80 Pipe, Add	*50.02*	
33 61 13 00-0049	LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	303.68	26.47
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.37*	
		For Schedule 80 Pipe, Add	*53.68*	
33 61 13 00-0050	LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	318.05	28.10
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.61*	
		For Schedule 80 Pipe, Add	*56.12*	
33 61 13 00-0051	LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	351.31	34.75
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.10*	
		For Schedule 80 Pipe, Add	*61.00*	
33 61 13 00-0052	LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	385.92	42.40
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.59*	
		For Schedule 80 Pipe, Add	*65.88*	
33 61 13 00-0053	LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	486.77	54.00
		For High-Density Polyethylene (HDPE) Jacket, Add	*8.30*	
		For Schedule 80 Pipe, Add	*82.95*	
33 61 13 00-0054	LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	618.83	66.13
		For High-Density Polyethylene (HDPE) Jacket, Add	*10.61*	
		For Schedule 80 Pipe, Add	*106.13*	
33 61 13 00-0055	LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	719.37	77.48
		For High-Density Polyethylene (HDPE) Jacket, Add	*12.32*	
		For Schedule 80 Pipe, Add	*123.21*	
33 61 13 00-0056	LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,021.46	93.62
		For High-Density Polyethylene (HDPE) Jacket, Add	*17.93*	
		For Schedule 80 Pipe, Add	*179.33*	
33 61 13 00-0057	LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,331.86	111.41
		For High-Density Polyethylene (HDPE) Jacket, Add	*23.67*	
		For Schedule 80 Pipe, Add	*236.66*	
33 61 13 00-0058	LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,658.91	137.10
		For High-Density Polyethylene (HDPE) Jacket, Add	*29.52*	
		For Schedule 80 Pipe, Add	*295.22*	

33 61 13 00-0059 Preinsulated Black Steel Fittings *(33 61 13 00-0001)*

Note: No excavation or backfill.

33 61 13 00-0060 Elbows *(33 61 13 00-0059)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0061		**Elbows** *(33 61 13 00-0060)*		
		Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0062	EA	3/4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,386.09	
		For High-Density Polyethylene (HDPE) Jacket, Add	*25.11*	
33 61 13 00-0063	EA	1" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,425.73	
		For High-Density Polyethylene (HDPE) Jacket, Add	*25.70*	
33 61 13 00-0064	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,628.57	
		For High-Density Polyethylene (HDPE) Jacket, Add	*29.24*	
33 61 13 00-0065	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,798.46	
		For High-Density Polyethylene (HDPE) Jacket, Add	*31.90*	
33 61 13 00-0066	EA	2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,966.58	
		For High-Density Polyethylene (HDPE) Jacket, Add	*33.23*	
33 61 13 00-0067	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,174.00	
		For High-Density Polyethylene (HDPE) Jacket, Add	*34.56*	
33 61 13 00-0068	EA	3" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,516.38	
		For High-Density Polyethylene (HDPE) Jacket, Add	*39.88*	
33 61 13 00-0069	EA	4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,936.21	
		For High-Density Polyethylene (HDPE) Jacket, Add	*46.52*	
33 61 13 00-0070	EA	5" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,643.72	
		For High-Density Polyethylene (HDPE) Jacket, Add	*59.82*	
33 61 13 00-0071	EA	6" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,082.41	
		For High-Density Polyethylene (HDPE) Jacket, Add	*67.94*	
33 61 13 00-0072	EA	8" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,825.89	
		For High-Density Polyethylene (HDPE) Jacket, Add	*98.22*	
33 61 13 00-0073	EA	10" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	7,671.79	
		For High-Density Polyethylene (HDPE) Jacket, Add	*125.54*	
33 61 13 00-0074	EA	12" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	9,982.35	
		For High-Density Polyethylene (HDPE) Jacket, Add	*166.16*	
33 61 13 00-0075		**Elbows** *(33 61 13 00-0060)*		
		Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0076	EA	3/4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,480.25	
		For High-Density Polyethylene (HDPE) Jacket, Add	*26.99*	
33 61 13 00-0077	EA	1" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,522.10	
		For High-Density Polyethylene (HDPE) Jacket, Add	*27.63*	
33 61 13 00-0078	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,738.23	
		For High-Density Polyethylene (HDPE) Jacket, Add	*31.44*	
33 61 13 00-0079	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,918.10	
		For High-Density Polyethylene (HDPE) Jacket, Add	*34.30*	
33 61 13 00-0080	EA	2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,091.20	
		For High-Density Polyethylene (HDPE) Jacket, Add	*35.72*	
33 61 13 00-0081	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,303.61	
		For High-Density Polyethylene (HDPE) Jacket, Add	*37.15*	
33 61 13 00-0082	EA	3" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,665.92	
		For High-Density Polyethylene (HDPE) Jacket, Add	*42.87*	
33 61 13 00-0083	EA	4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,110.67	
		For High-Density Polyethylene (HDPE) Jacket, Add	*50.01*	
33 61 13 00-0084	EA	5" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,868.03	
		For High-Density Polyethylene (HDPE) Jacket, Add	*64.30*	
33 61 13 00-0085	EA	6" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,337.19	
		For High-Density Polyethylene (HDPE) Jacket, Add	*73.04*	
33 61 13 00-0086	EA	8" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,194.22	
		For High-Density Polyethylene (HDPE) Jacket, Add	*105.59*	
33 61 13 00-0087	EA	10" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	8,142.58	
		For High-Density Polyethylene (HDPE) Jacket, Add	*134.96*	
33 61 13 00-0088	EA	12" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	10,605.45	
		For High-Density Polyethylene (HDPE) Jacket, Add	*178.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0089		**Elbows** *(33 61 13 00-0060)*		
		Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0090	EA	3/4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,574.40	
		For High-Density Polyethylene (HDPE) Jacket, Add	*28.87*	
33 61 13 00-0091	EA	1" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,618.47	
		For High-Density Polyethylene (HDPE) Jacket, Add	*29.55*	
33 61 13 00-0092	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,847.90	
		For High-Density Polyethylene (HDPE) Jacket, Add	*33.63*	
33 61 13 00-0093	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,037.73	
		For High-Density Polyethylene (HDPE) Jacket, Add	*36.69*	
33 61 13 00-0094	EA	2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,215.82	
		For High-Density Polyethylene (HDPE) Jacket, Add	*38.22*	
33 61 13 00-0095	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,433.21	
		For High-Density Polyethylene (HDPE) Jacket, Add	*39.75*	
33 61 13 00-0096	EA	3" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,815.47	
		For High-Density Polyethylene (HDPE) Jacket, Add	*45.86*	
33 61 13 00-0097	EA	4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,285.14	
		For High-Density Polyethylene (HDPE) Jacket, Add	*53.50*	
33 61 13 00-0098	EA	5" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,092.35	
		For High-Density Polyethylene (HDPE) Jacket, Add	*68.79*	
33 61 13 00-0099	EA	6" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,591.98	
		For High-Density Polyethylene (HDPE) Jacket, Add	*78.13*	
33 61 13 00-0100	EA	8" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,562.54	
		For High-Density Polyethylene (HDPE) Jacket, Add	*112.95*	
33 61 13 00-0101	EA	10" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	8,613.36	
		For High-Density Polyethylene (HDPE) Jacket, Add	*144.37*	
33 61 13 00-0102	EA	12" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	11,228.55	
		For High-Density Polyethylene (HDPE) Jacket, Add	*191.08*	
33 61 13 00-0103		**Elbows** *(33 61 13 00-0060)*		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0104	EA	3/4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,668.56	
		For High-Density Polyethylene (HDPE) Jacket, Add	*30.76*	
33 61 13 00-0105	EA	1" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,714.85	
		For High-Density Polyethylene (HDPE) Jacket, Add	*31.48*	
33 61 13 00-0106	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,957.56	
		For High-Density Polyethylene (HDPE) Jacket, Add	*35.82*	
33 61 13 00-0107	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,157.37	
		For High-Density Polyethylene (HDPE) Jacket, Add	*39.08*	
33 61 13 00-0108	EA	2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,340.44	
		For High-Density Polyethylene (HDPE) Jacket, Add	*40.71*	
33 61 13 00-0109	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,562.82	
		For High-Density Polyethylene (HDPE) Jacket, Add	*42.34*	
33 61 13 00-0110	EA	3" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,965.01	
		For High-Density Polyethylene (HDPE) Jacket, Add	*48.85*	
33 61 13 00-0111	EA	4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,459.61	
		For High-Density Polyethylene (HDPE) Jacket, Add	*56.99*	
33 61 13 00-0112	EA	5" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,316.66	
		For High-Density Polyethylene (HDPE) Jacket, Add	*73.28*	
33 61 13 00-0113	EA	6" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,846.75	
		For High-Density Polyethylene (HDPE) Jacket, Add	*83.23*	
33 61 13 00-0114	EA	8" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,930.86	
		For High-Density Polyethylene (HDPE) Jacket, Add	*120.32*	
33 61 13 00-0115	EA	10" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	9,084.15	
		For High-Density Polyethylene (HDPE) Jacket, Add	*153.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0116	EA	12" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	11,851.65	
		For High-Density Polyethylene (HDPE) Jacket, Add	*203.55*	

33 61 13 00-0117 Tees *(33 61 13 00-0059)*

33 61 13 00-0118 Tees *(33 61 13 00-0117)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0119	EA	3/4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,060.24	
		For High-Density Polyethylene (HDPE) Jacket, Add	*37.29*	
33 61 13 00-0120	EA	1" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,119.13	
		For High-Density Polyethylene (HDPE) Jacket, Add	*38.16*	
33 61 13 00-0121	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,420.69	
		For High-Density Polyethylene (HDPE) Jacket, Add	*43.43*	
33 61 13 00-0122	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,673.50	
		For High-Density Polyethylene (HDPE) Jacket, Add	*47.38*	
33 61 13 00-0123	EA	2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,924.39	
		For High-Density Polyethylene (HDPE) Jacket, Add	*49.35*	
33 61 13 00-0124	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,234.28	
		For High-Density Polyethylene (HDPE) Jacket, Add	*51.32*	
33 61 13 00-0125	EA	3" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,744.66	
		For High-Density Polyethylene (HDPE) Jacket, Add	*59.22*	
33 61 13 00-0126	EA	4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,369.41	
		For High-Density Polyethylene (HDPE) Jacket, Add	*69.09*	
33 61 13 00-0127	EA	5" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,424.18	
		For High-Density Polyethylene (HDPE) Jacket, Add	*88.83*	
33 61 13 00-0128	EA	6" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,073.61	
		For High-Density Polyethylene (HDPE) Jacket, Add	*100.89*	
33 61 13 00-0129	EA	8" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	8,663.49	
		For High-Density Polyethylene (HDPE) Jacket, Add	*145.86*	
33 61 13 00-0130	EA	10" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	11,415.99	
		For High-Density Polyethylene (HDPE) Jacket, Add	*186.43*	
33 61 13 00-0131	EA	12" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	14,848.90	
		For High-Density Polyethylene (HDPE) Jacket, Add	*246.75*	

33 61 13 00-0132 Tees *(33 61 13 00-0117)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0133	EA	3/4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,200.07	
		For High-Density Polyethylene (HDPE) Jacket, Add	*40.08*	
33 61 13 00-0134	EA	1" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,262.24	
		For High-Density Polyethylene (HDPE) Jacket, Add	*41.03*	
33 61 13 00-0135	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,583.54	
		For High-Density Polyethylene (HDPE) Jacket, Add	*46.68*	
33 61 13 00-0136	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,851.16	
		For High-Density Polyethylene (HDPE) Jacket, Add	*50.93*	
33 61 13 00-0137	EA	2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,109.45	
		For High-Density Polyethylene (HDPE) Jacket, Add	*53.05*	
33 61 13 00-0138	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,426.75	
		For High-Density Polyethylene (HDPE) Jacket, Add	*55.17*	
33 61 13 00-0139	EA	3" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,966.73	
		For High-Density Polyethylene (HDPE) Jacket, Add	*63.66*	
33 61 13 00-0140	EA	4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,628.50	
		For High-Density Polyethylene (HDPE) Jacket, Add	*74.27*	
33 61 13 00-0141	EA	5" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,757.29	
		For High-Density Polyethylene (HDPE) Jacket, Add	*95.49*	
33 61 13 00-0142	EA	6" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,451.96	
		For High-Density Polyethylene (HDPE) Jacket, Add	*108.46*	
33 61 13 00-0143	EA	8" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	9,210.45	
		For High-Density Polyethylene (HDPE) Jacket, Add	*156.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0144	EA	10" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	12,115.11	
		For High-Density Polyethylene (HDPE) Jacket, Add	*200.41*	
33 61 13 00-0145	EA	12" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	15,774.21	
		For High-Density Polyethylene (HDPE) Jacket, Add	*265.25*	
33 61 13 00-0146		**Tees** *(33 61 13 00-0117)*		
		Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0147	EA	3/4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,339.89	
		For High-Density Polyethylene (HDPE) Jacket, Add	*42.88*	
33 61 13 00-0148	EA	1" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,405.36	
		For High-Density Polyethylene (HDPE) Jacket, Add	*43.89*	
33 61 13 00-0149	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,746.39	
		For High-Density Polyethylene (HDPE) Jacket, Add	*49.94*	
33 61 13 00-0150	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,028.82	
		For High-Density Polyethylene (HDPE) Jacket, Add	*54.48*	
33 61 13 00-0151	EA	2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,294.51	
		For High-Density Polyethylene (HDPE) Jacket, Add	*56.75*	
33 61 13 00-0152	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,619.21	
		For High-Density Polyethylene (HDPE) Jacket, Add	*59.02*	
33 61 13 00-0153	EA	3" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,188.80	
		For High-Density Polyethylene (HDPE) Jacket, Add	*68.10*	
33 61 13 00-0154	EA	4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,887.58	
		For High-Density Polyethylene (HDPE) Jacket, Add	*79.45*	
33 61 13 00-0155	EA	5" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,090.40	
		For High-Density Polyethylene (HDPE) Jacket, Add	*102.15*	
33 61 13 00-0156	EA	6" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,830.30	
		For High-Density Polyethylene (HDPE) Jacket, Add	*116.03*	
33 61 13 00-0157	EA	8" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	9,757.41	
		For High-Density Polyethylene (HDPE) Jacket, Add	*167.73*	
33 61 13 00-0158	EA	10" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	12,814.22	
		For High-Density Polyethylene (HDPE) Jacket, Add	*214.40*	
33 61 13 00-0159	EA	12" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	16,699.52	
		For High-Density Polyethylene (HDPE) Jacket, Add	*283.76*	
33 61 13 00-0160		**Tees** *(33 61 13 00-0117)*		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0161	EA	3/4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,479.71	
		For High-Density Polyethylene (HDPE) Jacket, Add	*45.68*	
33 61 13 00-0162	EA	1" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,548.47	
		For High-Density Polyethylene (HDPE) Jacket, Add	*46.75*	
33 61 13 00-0163	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,909.25	
		For High-Density Polyethylene (HDPE) Jacket, Add	*53.20*	
33 61 13 00-0164	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,206.48	
		For High-Density Polyethylene (HDPE) Jacket, Add	*58.04*	
33 61 13 00-0165	EA	2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,479.57	
		For High-Density Polyethylene (HDPE) Jacket, Add	*60.45*	
33 61 13 00-0166	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,811.67	
		For High-Density Polyethylene (HDPE) Jacket, Add	*62.87*	
33 61 13 00-0167	EA	3" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,410.88	
		For High-Density Polyethylene (HDPE) Jacket, Add	*72.54*	
33 61 13 00-0168	EA	4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,146.66	
		For High-Density Polyethylene (HDPE) Jacket, Add	*84.63*	
33 61 13 00-0169	EA	5" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,423.51	
		For High-Density Polyethylene (HDPE) Jacket, Add	*108.82*	
33 61 13 00-0170	EA	6" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	7,208.65	
		For High-Density Polyethylene (HDPE) Jacket, Add	*123.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0171	EA	8" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	10,304.37	
		For High-Density Polyethylene (HDPE) Jacket, Add	*178.67*	
33 61 13 00-0172	EA	10" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	13,513.34	
		For High-Density Polyethylene (HDPE) Jacket, Add	*228.38*	
33 61 13 00-0173	EA	12" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	17,624.82	
		For High-Density Polyethylene (HDPE) Jacket, Add	*302.27*	

33 61 13 00-0174 Reducers *(33 61 13 00-0059)*

33 61 13 00-0175 Reducers *(33 61 13 00-0174)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0176	EA	3/4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,159.64	
		For High-Density Polyethylene (HDPE) Jacket, Add	*20.84*	
33 61 13 00-0177	EA	1" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,193.17	
		For High-Density Polyethylene (HDPE) Jacket, Add	*21.33*	
33 61 13 00-0178	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,363.36	
		For High-Density Polyethylene (HDPE) Jacket, Add	*24.27*	
33 61 13 00-0179	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,506.87	
		For High-Density Polyethylene (HDPE) Jacket, Add	*26.48*	
33 61 13 00-0180	EA	2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,653.48	
		For High-Density Polyethylene (HDPE) Jacket, Add	*27.58*	
33 61 13 00-0181	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,845.66	
		For High-Density Polyethylene (HDPE) Jacket, Add	*28.69*	
33 61 13 00-0182	EA	3" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,129.37	
		For High-Density Polyethylene (HDPE) Jacket, Add	*33.10*	
33 61 13 00-0183	EA	4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,479.49	
		For High-Density Polyethylene (HDPE) Jacket, Add	*38.62*	
33 61 13 00-0184	EA	5" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,070.20	
		For High-Density Polyethylene (HDPE) Jacket, Add	*49.65*	
33 61 13 00-0185	EA	6" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,436.61	
		For High-Density Polyethylene (HDPE) Jacket, Add	*56.39*	
33 61 13 00-0186	EA	8" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,899.74	
		For High-Density Polyethylene (HDPE) Jacket, Add	*81.52*	
33 61 13 00-0187	EA	10" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,465.80	
		For High-Density Polyethylene (HDPE) Jacket, Add	*104.20*	
33 61 13 00-0188	EA	12" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	8,400.00	
		For High-Density Polyethylene (HDPE) Jacket, Add	*137.91*	

33 61 13 00-0189 Reducers *(33 61 13 00-0174)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0190	EA	3/4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,237.79	
		For High-Density Polyethylene (HDPE) Jacket, Add	*22.40*	
33 61 13 00-0191	EA	1" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,273.16	
		For High-Density Polyethylene (HDPE) Jacket, Add	*22.93*	
33 61 13 00-0192	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,454.38	
		For High-Density Polyethylene (HDPE) Jacket, Add	*26.09*	
33 61 13 00-0193	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,606.17	
		For High-Density Polyethylene (HDPE) Jacket, Add	*28.47*	
33 61 13 00-0194	EA	2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,756.91	
		For High-Density Polyethylene (HDPE) Jacket, Add	*29.65*	
33 61 13 00-0195	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,953.23	
		For High-Density Polyethylene (HDPE) Jacket, Add	*30.84*	
33 61 13 00-0196	EA	3" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,253.49	
		For High-Density Polyethylene (HDPE) Jacket, Add	*35.58*	
33 61 13 00-0197	EA	4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,624.29	
		For High-Density Polyethylene (HDPE) Jacket, Add	*41.51*	
33 61 13 00-0198	EA	5" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,256.38	
		For High-Density Polyethylene (HDPE) Jacket, Add	*53.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0199	EA	6" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,648.07	
		For High-Density Polyethylene (HDPE) Jacket, Add	*60.62*	
33 61 13 00-0200	EA	8" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,205.46	
		For High-Density Polyethylene (HDPE) Jacket, Add	*87.64*	
33 61 13 00-0201	EA	10" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,856.56	
		For High-Density Polyethylene (HDPE) Jacket, Add	*112.02*	
33 61 13 00-0202	EA	12" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	8,917.18	
		For High-Density Polyethylene (HDPE) Jacket, Add	*148.26*	

33 61 13 00-0203 Reducers *(33 61 13 00-0174)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0204	EA	3/4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,315.94	
		For High-Density Polyethylene (HDPE) Jacket, Add	*23.97*	
33 61 13 00-0205	EA	1" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,353.15	
		For High-Density Polyethylene (HDPE) Jacket, Add	*24.53*	
33 61 13 00-0206	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,545.41	
		For High-Density Polyethylene (HDPE) Jacket, Add	*27.91*	
33 61 13 00-0207	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,705.47	
		For High-Density Polyethylene (HDPE) Jacket, Add	*30.45*	
33 61 13 00-0208	EA	2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,860.35	
		For High-Density Polyethylene (HDPE) Jacket, Add	*31.72*	
33 61 13 00-0209	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,060.81	
		For High-Density Polyethylene (HDPE) Jacket, Add	*32.99*	
33 61 13 00-0210	EA	3" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,377.61	
		For High-Density Polyethylene (HDPE) Jacket, Add	*38.06*	
33 61 13 00-0211	EA	4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,769.10	
		For High-Density Polyethylene (HDPE) Jacket, Add	*44.41*	
33 61 13 00-0212	EA	5" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,442.56	
		For High-Density Polyethylene (HDPE) Jacket, Add	*57.10*	
33 61 13 00-0213	EA	6" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,859.54	
		For High-Density Polyethylene (HDPE) Jacket, Add	*64.85*	
33 61 13 00-0214	EA	8" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,511.15	
		For High-Density Polyethylene (HDPE) Jacket, Add	*93.75*	
33 61 13 00-0215	EA	10" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	7,247.31	
		For High-Density Polyethylene (HDPE) Jacket, Add	*119.83*	
33 61 13 00-0216	EA	12" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	9,434.35	
		For High-Density Polyethylene (HDPE) Jacket, Add	*158.60*	

33 61 13 00-0217 Reducers *(33 61 13 00-0174)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0218	EA	3/4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,394.09	
		For High-Density Polyethylene (HDPE) Jacket, Add	*25.53*	
33 61 13 00-0219	EA	1" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,433.14	
		For High-Density Polyethylene (HDPE) Jacket, Add	*26.13*	
33 61 13 00-0220	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,636.43	
		For High-Density Polyethylene (HDPE) Jacket, Add	*29.73*	
33 61 13 00-0221	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,804.76	
		For High-Density Polyethylene (HDPE) Jacket, Add	*32.44*	
33 61 13 00-0222	EA	2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,963.78	
		For High-Density Polyethylene (HDPE) Jacket, Add	*33.79*	
33 61 13 00-0223	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,168.38	
		For High-Density Polyethylene (HDPE) Jacket, Add	*35.14*	
33 61 13 00-0224	EA	3" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,501.74	
		For High-Density Polyethylene (HDPE) Jacket, Add	*40.55*	
33 61 13 00-0225	EA	4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,913.91	
		For High-Density Polyethylene (HDPE) Jacket, Add	*47.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0226	EA	5" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,628.74	
		For High-Density Polyethylene (HDPE) Jacket, Add	*60.82*	
33 61 13 00-0227	EA	6" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,071.00	
		For High-Density Polyethylene (HDPE) Jacket, Add	*69.08*	
33 61 13 00-0228	EA	8" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,816.85	
		For High-Density Polyethylene (HDPE) Jacket, Add	*99.86*	
33 61 13 00-0229	EA	10" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	7,638.06	
		For High-Density Polyethylene (HDPE) Jacket, Add	*127.65*	
33 61 13 00-0230	EA	12" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	9,951.52	
		For High-Density Polyethylene (HDPE) Jacket, Add	*168.94*	

33 61 13 00-0231 Preinsulated Type K Copper Pipe *(33 61 13 00-0001)*

Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.

33 61 13 00-0232 Type K Copper Carrier Pipe *(33 61 13 00-0231)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0233	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	51.41	20.01
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.43*	
33 61 13 00-0234	LF	1" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	55.94	21.60
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.47*	
33 61 13 00-0235	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	60.91	22.94
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.53*	
33 61 13 00-0236	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	64.79	24.23
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.57*	
33 61 13 00-0237	LF	2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	68.31	25.71
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.60*	
33 61 13 00-0238	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	80.01	31.80
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.65*	
33 61 13 00-0239	LF	3" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	93.10	38.79
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.70*	
33 61 13 00-0240	LF	4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	118.07	49.42
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.88*	
33 61 13 00-0241	LF	5" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	147.01	60.52
		For High-Density Polyethylene (HDPE) Jacket, Add	*1.13*	
33 61 13 00-0242	LF	6" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	171.64	70.91
		For High-Density Polyethylene (HDPE) Jacket, Add	*1.31*	
33 61 13 00-0243	LF	8" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	223.53	86.00
		For High-Density Polyethylene (HDPE) Jacket, Add	*1.90*	
33 61 13 00-0244	LF	10" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	278.35	101.95
		For High-Density Polyethylene (HDPE) Jacket, Add	*2.51*	
33 61 13 00-0245	LF	12" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	344.64	125.46
		For High-Density Polyethylene (HDPE) Jacket, Add	*3.13*	

33 61 13 00-0246 Type K Copper Carrier Pipe *(33 61 13 00-0231)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0247	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	53.55	20.01
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.47*	
33 61 13 00-0248	LF	1" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	58.29	21.60
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.52*	
33 61 13 00-0249	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	63.57	22.94
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.58*	
33 61 13 00-0250	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	67.64	24.23
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.63*	
33 61 13 00-0251	LF	2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	71.28	25.71
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.65*	
33 61 13 00-0252	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	83.24	31.80
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.71*	
33 61 13 00-0253	LF	3" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	96.60	38.79
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0254	LF	4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	122.47	49.42
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.97*	
33 61 13 00-0255	LF	5" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	152.64	60.52
		For High-Density Polyethylene (HDPE) Jacket, Add	*1.24*	
33 61 13 00-0256	LF	6" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	178.17	70.91
		For High-Density Polyethylene (HDPE) Jacket, Add	*1.44*	
33 61 13 00-0257	LF	8" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	233.04	86.00
		For High-Density Polyethylene (HDPE) Jacket, Add	*2.09*	
33 61 13 00-0258	LF	10" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	290.90	101.95
		For High-Density Polyethylene (HDPE) Jacket, Add	*2.76*	
33 61 13 00-0259	LF	12" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	360.30	125.46
		For High-Density Polyethylene (HDPE) Jacket, Add	*3.44*	

33 61 13 00-0260 Type K Copper Carrier Pipe *(33 61 13 00-0231)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0261	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	54.62	20.01
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.49*	
33 61 13 00-0262	LF	1" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	59.47	21.60
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.54*	
33 61 13 00-0263	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	64.89	22.94
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.61*	
33 61 13 00-0264	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	69.06	24.23
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.65*	
33 61 13 00-0265	LF	2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	72.77	25.71
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.68*	
33 61 13 00-0266	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	84.86	31.80
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.74*	
33 61 13 00-0267	LF	3" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	98.34	38.79
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.80*	
33 61 13 00-0268	LF	4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	124.67	49.42
		For High-Density Polyethylene (HDPE) Jacket, Add	*1.01*	
33 61 13 00-0269	LF	5" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	155.45	60.52
		For High-Density Polyethylene (HDPE) Jacket, Add	*1.29*	
33 61 13 00-0270	LF	6" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	181.44	70.91
		For High-Density Polyethylene (HDPE) Jacket, Add	*1.50*	
33 61 13 00-0271	LF	8" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	237.79	85.67
		For High-Density Polyethylene (HDPE) Jacket, Add	*2.19*	
33 61 13 00-0272	LF	10" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	297.18	101.95
		For High-Density Polyethylene (HDPE) Jacket, Add	*2.89*	
33 61 13 00-0273	LF	12" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	368.13	125.46
		For High-Density Polyethylene (HDPE) Jacket, Add	*3.60*	

33 61 13 00-0274 Type K Copper Carrier Pipe *(33 61 13 00-0231)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0275	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	56.23	20.01
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.52*	
33 61 13 00-0276	LF	1" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	61.24	21.60
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.58*	
33 61 13 00-0277	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	66.88	22.94
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.65*	
33 61 13 00-0278	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	71.20	24.23
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.70*	
33 61 13 00-0279	LF	2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	75.00	25.71
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.73*	
33 61 13 00-0280	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	87.28	31.80
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0281	LF	3" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	100.96	38.79
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.86*	
33 61 13 00-0282	LF	4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	127.97	49.42
		For High-Density Polyethylene (HDPE) Jacket, Add	*1.08*	
33 61 13 00-0283	LF	5" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	159.68	60.52
		For High-Density Polyethylene (HDPE) Jacket, Add	*1.38*	
33 61 13 00-0284	LF	6" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	186.34	70.91
		For High-Density Polyethylene (HDPE) Jacket, Add	*1.60*	
33 61 13 00-0285	LF	8" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	244.92	85.67
		For High-Density Polyethylene (HDPE) Jacket, Add	*2.33*	
33 61 13 00-0286	LF	10" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	306.59	101.95
		For High-Density Polyethylene (HDPE) Jacket, Add	*3.07*	
33 61 13 00-0287	LF	12" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	379.87	125.46
		For High-Density Polyethylene (HDPE) Jacket, Add	*3.84*	

33 61 13 00-0288 Preinsulated Copper Fittings *(33 61 13 00-0001)*

33 61 13 00-0289 Elbows *(33 61 13 00-0288)*

33 61 13 00-0290 Elbows *(33 61 13 00-0289)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0291	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	357.69	
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.88*	
33 61 13 00-0292	EA	1" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	372.21	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.00*	
33 61 13 00-0293	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	428.91	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.69*	
33 61 13 00-0294	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	486.90	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.20*	
33 61 13 00-0295	EA	2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	588.24	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.46*	
33 61 13 00-0296	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	723.71	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.72*	
33 61 13 00-0297	EA	3" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	841.92	
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.75*	
33 61 13 00-0298	EA	4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	982.61	
		For High-Density Polyethylene (HDPE) Jacket, Add	*9.04*	
33 61 13 00-0299	EA	5" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,149.10	
		For High-Density Polyethylene (HDPE) Jacket, Add	*11.63*	
33 61 13 00-0300	EA	6" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,256.38	
		For High-Density Polyethylene (HDPE) Jacket, Add	*13.21*	
33 61 13 00-0301	EA	8" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,750.34	
		For High-Density Polyethylene (HDPE) Jacket, Add	*19.09*	
33 61 13 00-0302	EA	10" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,432.94	
		For High-Density Polyethylene (HDPE) Jacket, Add	*24.41*	
33 61 13 00-0303	EA	12" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,071.11	
		For High-Density Polyethylene (HDPE) Jacket, Add	*32.30*	

33 61 13 00-0304 Elbows *(33 61 13 00-0289)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0305	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	375.99	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.25*	
33 61 13 00-0306	EA	1" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	390.94	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.37*	
33 61 13 00-0307	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	450.23	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.11*	
33 61 13 00-0308	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	510.15	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0309	EA	2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	612.47	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.95*	
33 61 13 00-0310	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	748.91	
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.22*	
33 61 13 00-0311	EA	3" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	871.00	
		For High-Density Polyethylene (HDPE) Jacket, Add	*8.33*	
33 61 13 00-0312	EA	4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,016.53	
		For High-Density Polyethylene (HDPE) Jacket, Add	*9.72*	
33 61 13 00-0313	EA	5" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,192.71	
		For High-Density Polyethylene (HDPE) Jacket, Add	*12.50*	
33 61 13 00-0314	EA	6" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,305.91	
		For High-Density Polyethylene (HDPE) Jacket, Add	*14.20*	
33 61 13 00-0315	EA	8" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,821.94	
		For High-Density Polyethylene (HDPE) Jacket, Add	*20.53*	
33 61 13 00-0316	EA	10" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,524.46	
		For High-Density Polyethylene (HDPE) Jacket, Add	*26.24*	
33 61 13 00-0317	EA	12" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,192.25	
		For High-Density Polyethylene (HDPE) Jacket, Add	*34.73*	

33 61 13 00-0318 Elbows *(33 61 13 00-0289)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0319	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	394.30	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.61*	
33 61 13 00-0320	EA	1" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	409.68	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.75*	
33 61 13 00-0321	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	471.55	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.54*	
33 61 13 00-0322	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	533.41	
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.13*	
33 61 13 00-0323	EA	2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	636.69	
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.43*	
33 61 13 00-0324	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	774.10	
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.73*	
33 61 13 00-0325	EA	3" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	900.07	
		For High-Density Polyethylene (HDPE) Jacket, Add	*8.92*	
33 61 13 00-0326	EA	4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,050.45	
		For High-Density Polyethylene (HDPE) Jacket, Add	*10.40*	
33 61 13 00-0327	EA	5" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,236.32	
		For High-Density Polyethylene (HDPE) Jacket, Add	*13.37*	
33 61 13 00-0328	EA	6" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,355.74	
		For High-Density Polyethylene (HDPE) Jacket, Add	*15.19*	
33 61 13 00-0329	EA	8" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,893.38	
		For High-Density Polyethylene (HDPE) Jacket, Add	*21.96*	
33 61 13 00-0330	EA	10" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,615.49	
		For High-Density Polyethylene (HDPE) Jacket, Add	*28.07*	
33 61 13 00-0331	EA	12" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,313.74	
		For High-Density Polyethylene (HDPE) Jacket, Add	*37.15*	

33 61 13 00-0332 Elbows *(33 61 13 00-0289)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0333	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	412.60	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.98*	
33 61 13 00-0334	EA	1" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	428.42	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.12*	
33 61 13 00-0335	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	492.87	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0336	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	556.67	
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.60*	
33 61 13 00-0337	EA	2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	660.92	
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.91*	
33 61 13 00-0338	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	799.30	
		For High-Density Polyethylene (HDPE) Jacket, Add	*8.23*	
33 61 13 00-0339	EA	3" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	929.14	
		For High-Density Polyethylene (HDPE) Jacket, Add	*9.50*	
33 61 13 00-0340	EA	4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,084.36	
		For High-Density Polyethylene (HDPE) Jacket, Add	*11.08*	
33 61 13 00-0341	EA	5" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,279.93	
		For High-Density Polyethylene (HDPE) Jacket, Add	*14.25*	
33 61 13 00-0342	EA	6" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,405.26	
		For High-Density Polyethylene (HDPE) Jacket, Add	*16.18*	
33 61 13 00-0343	EA	8" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,964.98	
		For High-Density Polyethylene (HDPE) Jacket, Add	*23.39*	
33 61 13 00-0344	EA	10" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,707.01	
		For High-Density Polyethylene (HDPE) Jacket, Add	*29.90*	
33 61 13 00-0345	EA	12" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,434.88	
		For High-Density Polyethylene (HDPE) Jacket, Add	*39.57*	

33 61 13 00-0346 Tees *(33 61 13 00-0288)*

33 61 13 00-0347 Tees *(33 61 13 00-0346)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0348	EA	3/4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	532.81	
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.25*	
33 61 13 00-0349	EA	1" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	554.40	
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.42*	
33 61 13 00-0350	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	638.92	
		For High-Density Polyethylene (HDPE) Jacket, Add	*8.44*	
33 61 13 00-0351	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	725.49	
		For High-Density Polyethylene (HDPE) Jacket, Add	*9.21*	
33 61 13 00-0352	EA	2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	876.99	
		For High-Density Polyethylene (HDPE) Jacket, Add	*9.59*	
33 61 13 00-0353	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,079.85	
		For High-Density Polyethylene (HDPE) Jacket, Add	*9.98*	
33 61 13 00-0354	EA	3" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,257.12	
		For High-Density Polyethylene (HDPE) Jacket, Add	*11.51*	
33 61 13 00-0355	EA	4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,467.18	
		For High-Density Polyethylene (HDPE) Jacket, Add	*13.43*	
33 61 13 00-0356	EA	5" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,718.00	
		For High-Density Polyethylene (HDPE) Jacket, Add	*17.27*	
33 61 13 00-0357	EA	6" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,875.39	
		For High-Density Polyethylene (HDPE) Jacket, Add	*19.61*	
33 61 13 00-0358	EA	8" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,609.53	
		For High-Density Polyethylene (HDPE) Jacket, Add	*28.36*	
33 61 13 00-0359	EA	10" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,633.16	
		For High-Density Polyethylene (HDPE) Jacket, Add	*36.24*	
33 61 13 00-0360	EA	12" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,582.43	
		For High-Density Polyethylene (HDPE) Jacket, Add	*47.97*	

33 61 13 00-0361 Tees *(33 61 13 00-0346)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0362	EA	3/4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	559.99	
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.79*	
33 61 13 00-0363	EA	1" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	582.22	
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0364	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	670.58	
		For High-Density Polyethylene (HDPE) Jacket, Add	*9.08*	
33 61 13 00-0365	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	760.03	
		For High-Density Polyethylene (HDPE) Jacket, Add	*9.90*	
33 61 13 00-0366	EA	2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	912.96	
		For High-Density Polyethylene (HDPE) Jacket, Add	*10.31*	
33 61 13 00-0367	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,117.27	
		For High-Density Polyethylene (HDPE) Jacket, Add	*10.73*	
33 61 13 00-0368	EA	3" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,300.29	
		For High-Density Polyethylene (HDPE) Jacket, Add	*12.38*	
33 61 13 00-0369	EA	4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,517.55	
		For High-Density Polyethylene (HDPE) Jacket, Add	*14.44*	
33 61 13 00-0370	EA	5" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,782.76	
		For High-Density Polyethylene (HDPE) Jacket, Add	*18.56*	
33 61 13 00-0371	EA	6" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,948.95	
		For High-Density Polyethylene (HDPE) Jacket, Add	*21.09*	
33 61 13 00-0372	EA	8" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,715.86	
		For High-Density Polyethylene (HDPE) Jacket, Add	*30.48*	
33 61 13 00-0373	EA	10" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,769.07	
		For High-Density Polyethylene (HDPE) Jacket, Add	*38.96*	
33 61 13 00-0374	EA	12" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,762.32	
		For High-Density Polyethylene (HDPE) Jacket, Add	*51.57*	

33 61 13 00-0375 Tees *(33 61 13 00-0346)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0376	EA	3/4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	587.17	
		For High-Density Polyethylene (HDPE) Jacket, Add	*8.34*	
33 61 13 00-0377	EA	1" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	610.04	
		For High-Density Polyethylene (HDPE) Jacket, Add	*8.53*	
33 61 13 00-0378	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	702.24	
		For High-Density Polyethylene (HDPE) Jacket, Add	*9.71*	
33 61 13 00-0379	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	794.56	
		For High-Density Polyethylene (HDPE) Jacket, Add	*10.59*	
33 61 13 00-0380	EA	2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	948.94	
		For High-Density Polyethylene (HDPE) Jacket, Add	*11.03*	
33 61 13 00-0381	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,154.69	
		For High-Density Polyethylene (HDPE) Jacket, Add	*11.47*	
33 61 13 00-0382	EA	3" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,343.46	
		For High-Density Polyethylene (HDPE) Jacket, Add	*13.24*	
33 61 13 00-0383	EA	4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,567.92	
		For High-Density Polyethylene (HDPE) Jacket, Add	*15.45*	
33 61 13 00-0384	EA	5" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,847.52	
		For High-Density Polyethylene (HDPE) Jacket, Add	*19.86*	
33 61 13 00-0385	EA	6" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,022.93	
		For High-Density Polyethylene (HDPE) Jacket, Add	*22.56*	
33 61 13 00-0386	EA	8" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,821.06	
		For High-Density Polyethylene (HDPE) Jacket, Add	*32.61*	
33 61 13 00-0387	EA	10" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,902.18	
		For High-Density Polyethylene (HDPE) Jacket, Add	*41.68*	
33 61 13 00-0388	EA	12" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,945.43	
		For High-Density Polyethylene (HDPE) Jacket, Add	*55.17*	

33 61 13 00-0389 Tees *(33 61 13 00-0346)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0390	EA	3/4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	614.36	
		For High-Density Polyethylene (HDPE) Jacket, Add	*8.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0391	EA	1" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	637.86	
		For High-Density Polyethylene (HDPE) Jacket, Add	*9.09*	
33 61 13 00-0392	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	733.90	
		For High-Density Polyethylene (HDPE) Jacket, Add	*10.34*	
33 61 13 00-0393	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	829.10	
		For High-Density Polyethylene (HDPE) Jacket, Add	*11.28*	
33 61 13 00-0394	EA	2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	984.92	
		For High-Density Polyethylene (HDPE) Jacket, Add	*11.75*	
33 61 13 00-0395	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,192.10	
		For High-Density Polyethylene (HDPE) Jacket, Add	*12.22*	
33 61 13 00-0396	EA	3" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,386.63	
		For High-Density Polyethylene (HDPE) Jacket, Add	*14.10*	
33 61 13 00-0397	EA	4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,618.29	
		For High-Density Polyethylene (HDPE) Jacket, Add	*16.45*	
33 61 13 00-0398	EA	5" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,912.28	
		For High-Density Polyethylene (HDPE) Jacket, Add	*21.15*	
33 61 13 00-0399	EA	6" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,096.48	
		For High-Density Polyethylene (HDPE) Jacket, Add	*24.03*	
33 61 13 00-0400	EA	8" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,927.39	
		For High-Density Polyethylene (HDPE) Jacket, Add	*34.74*	
33 61 13 00-0401	EA	10" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,038.10	
		For High-Density Polyethylene (HDPE) Jacket, Add	*44.40*	
33 61 13 00-0402	EA	12" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,125.31	
		For High-Density Polyethylene (HDPE) Jacket, Add	*58.76*	

33 61 13 00-0403 Reducers *(33 61 13 00-0288)*

33 61 13 00-0404 Reducers *(33 61 13 00-0403)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0405	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	304.86	
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.05*	
33 61 13 00-0406	EA	1" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	317.47	
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.15*	
33 61 13 00-0407	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	366.13	
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.72*	
33 61 13 00-0408	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	416.43	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.15*	
33 61 13 00-0409	EA	2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	506.68	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.36*	
33 61 13 00-0410	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	636.54	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.58*	
33 61 13 00-0411	EA	3" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	734.26	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.43*	
33 61 13 00-0412	EA	4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	852.46	
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.51*	
33 61 13 00-0413	EA	5" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	993.70	
		For High-Density Polyethylene (HDPE) Jacket, Add	*9.65*	
33 61 13 00-0414	EA	6" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,084.72	
		For High-Density Polyethylene (HDPE) Jacket, Add	*10.96*	
33 61 13 00-0415	EA	8" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,508.58	
		For High-Density Polyethylene (HDPE) Jacket, Add	*15.85*	
33 61 13 00-0416	EA	10" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,104.85	
		For High-Density Polyethylene (HDPE) Jacket, Add	*20.26*	
33 61 13 00-0417	EA	12" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,648.72	
		For High-Density Polyethylene (HDPE) Jacket, Add	*26.81*	

33 61 13 00-0418 Reducers *(33 61 13 00-0403)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0419	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	320.06	
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.36*	
33 61 13 00-0420	EA	1" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	333.02	
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.46*	
33 61 13 00-0421	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	383.83	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.07*	
33 61 13 00-0422	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	435.73	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.53*	
33 61 13 00-0423	EA	2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	526.79	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.76*	
33 61 13 00-0424	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	657.45	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.00*	
33 61 13 00-0425	EA	3" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	758.39	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.92*	
33 61 13 00-0426	EA	4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	880.61	
		For High-Density Polyethylene (HDPE) Jacket, Add	*8.07*	
33 61 13 00-0427	EA	5" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,029.90	
		For High-Density Polyethylene (HDPE) Jacket, Add	*10.38*	
33 61 13 00-0428	EA	6" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,125.83	
		For High-Density Polyethylene (HDPE) Jacket, Add	*11.79*	
33 61 13 00-0429	EA	8" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,568.02	
		For High-Density Polyethylene (HDPE) Jacket, Add	*17.04*	
33 61 13 00-0430	EA	10" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,180.82	
		For High-Density Polyethylene (HDPE) Jacket, Add	*21.78*	
33 61 13 00-0431	EA	12" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,749.26	
		For High-Density Polyethylene (HDPE) Jacket, Add	*28.82*	

33 61 13 00-0432 Reducers *(33 61 13 00-0403)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0433	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	335.25	
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.66*	
33 61 13 00-0434	EA	1" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	348.57	
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.77*	
33 61 13 00-0435	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	401.52	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.43*	
33 61 13 00-0436	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	455.04	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.92*	
33 61 13 00-0437	EA	2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	546.90	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.17*	
33 61 13 00-0438	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	678.36	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.41*	
33 61 13 00-0439	EA	3" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	782.52	
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.40*	
33 61 13 00-0440	EA	4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	908.76	
		For High-Density Polyethylene (HDPE) Jacket, Add	*8.63*	
33 61 13 00-0441	EA	5" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,066.09	
		For High-Density Polyethylene (HDPE) Jacket, Add	*11.10*	
33 61 13 00-0442	EA	6" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,167.17	
		For High-Density Polyethylene (HDPE) Jacket, Add	*12.61*	
33 61 13 00-0443	EA	8" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,627.03	
		For High-Density Polyethylene (HDPE) Jacket, Add	*18.23*	
33 61 13 00-0444	EA	10" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,256.37	
		For High-Density Polyethylene (HDPE) Jacket, Add	*23.30*	
33 61 13 00-0445	EA	12" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,850.09	
		For High-Density Polyethylene (HDPE) Jacket, Add	*30.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0446		**Reducers** *(33 61 13 00-0403)*		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0447	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	350.44	
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.96*	
33 61 13 00-0448	EA	1" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	364.12	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.08*	
33 61 13 00-0449	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	419.22	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.78*	
33 61 13 00-0450	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	474.34	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.31*	
33 61 13 00-0451	EA	2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	567.01	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.57*	
33 61 13 00-0452	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	699.28	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.83*	
33 61 13 00-0453	EA	3" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	806.65	
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.88*	
33 61 13 00-0454	EA	4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	936.91	
		For High-Density Polyethylene (HDPE) Jacket, Add	*9.20*	
33 61 13 00-0455	EA	5" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,102.29	
		For High-Density Polyethylene (HDPE) Jacket, Add	*11.82*	
33 61 13 00-0456	EA	6" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,208.28	
		For High-Density Polyethylene (HDPE) Jacket, Add	*13.43*	
33 61 13 00-0457	EA	8" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,686.46	
		For High-Density Polyethylene (HDPE) Jacket, Add	*19.41*	
33 61 13 00-0458	EA	10" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,332.34	
		For High-Density Polyethylene (HDPE) Jacket, Add	*24.82*	
33 61 13 00-0459	EA	12" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,950.63	
		For High-Density Polyethylene (HDPE) Jacket, Add	*32.84*	
33 61 13 00-0460		**Preinsulated Ductile Iron Carrier Pipe** *(33 61 13 00-0001)*		
		Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.		
33 61 13 00-0461		**Ductile Iron Carrier Pipe** *(33 61 13 00-0460)*		
		Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0462	LF	4" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	434.44	63.84
33 61 13 00-0463	LF	6" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	640.97	91.69
33 61 13 00-0464	LF	8" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	902.70	110.77
33 61 13 00-0465	LF	10" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	1,172.16	131.82
33 61 13 00-0466	LF	12" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	1,459.23	162.24
33 61 13 00-0467		**Ductile Iron Carrier Pipe** *(33 61 13 00-0460)*		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0468	LF	4" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	474.12	63.89
33 61 13 00-0469	LF	6" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	699.92	91.68
33 61 13 00-0470	LF	8" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	988.49	110.78
33 61 13 00-0471	LF	10" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	1,285.37	131.82
33 61 13 00-0472	LF	12" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	1,600.47	162.25
33 61 13 00-0473	LF	14" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	1,763.83	173.12
33 61 13 00-0474	LF	16" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	2,014.91	185.48
33 61 13 00-0475	LF	18" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	2,299.09	197.85
33 61 13 00-0476	LF	20" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	2,551.92	210.22
33 61 13 00-0477	LF	24" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	3,079.53	228.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0478		Preinsulated Ductile Iron Fittings *(33 61 13 00-0001)*		
33 61 13 00-0479		Elbows *(33 61 13 00-0478)*		
33 61 13 00-0480		Elbows *(33 61 13 00-0479)*		
		Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0481	EA	4" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	4,123.44	
33 61 13 00-0482	EA	6" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	5,816.16	
33 61 13 00-0483	EA	8" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	8,332.29	
33 61 13 00-0484	EA	10" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	10,875.45	
33 61 13 00-0485	EA	12" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	14,222.50	
33 61 13 00-0486		Elbows *(33 61 13 00-0479)*		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0487	EA	4" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	4,613.69	
33 61 13 00-0488	EA	6" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	6,532.08	
33 61 13 00-0489	EA	8" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	9,367.27	
33 61 13 00-0490	EA	10" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	12,198.35	
33 61 13 00-0491	EA	12" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	15,973.40	
33 61 13 00-0492	EA	14" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	19,556.53	
33 61 13 00-0493	EA	16" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	23,384.61	
33 61 13 00-0494	EA	18" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	29,268.97	
33 61 13 00-0495	EA	20" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	36,935.96	
33 61 13 00-0496	EA	24" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	46,767.86	
33 61 13 00-0497		Tees *(33 61 13 00-0478)*		
33 61 13 00-0498		Tees *(33 61 13 00-0497)*		
		Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0499	EA	4" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	6,132.46	
33 61 13 00-0500	EA	6" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	8,648.23	
33 61 13 00-0501	EA	8" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	12,385.49	
33 61 13 00-0502	EA	10" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	16,173.43	
33 61 13 00-0503	EA	12" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	21,145.51	
33 61 13 00-0504		Tees *(33 61 13 00-0497)*		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0505	EA	4" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	6,860.48	
33 61 13 00-0506	EA	6" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	9,711.37	
33 61 13 00-0507	EA	8" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	13,922.44	
33 61 13 00-0508	EA	10" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	18,137.94	
33 61 13 00-0509	EA	12" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	23,745.61	
33 61 13 00-0510	EA	14" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	28,877.56	
33 61 13 00-0511	EA	16" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	34,536.22	
33 61 13 00-0512	EA	18" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	43,227.38	
33 61 13 00-0513	EA	20" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	54,563.25	
33 61 13 00-0514	EA	24" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	69,059.52	
33 61 13 00-0515		Reducers *(33 61 13 00-0478)*		

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0516			**Reducers** *(33 61 13 00-0515)* Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
	33 61 13 00-0517	EA	4" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	3,464.90	
	33 61 13 00-0518	EA	6" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	4,875.62	
	33 61 13 00-0519	EA	8" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	6,980.06	
	33 61 13 00-0520	EA	10" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	9,124.85	
	33 61 13 00-0521	EA	12" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	11,919.32	
33 61 13 00-0522			**Reducers** *(33 61 13 00-0515)* Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
	33 61 13 00-0523	EA	4" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	3,871.81	
	33 61 13 00-0524	EA	6" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	5,469.82	
	33 61 13 00-0525	EA	8" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	7,839.07	
	33 61 13 00-0526	EA	10" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	10,222.85	
	33 61 13 00-0527	EA	12" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	13,372.57	
	33 61 13 00-0528	EA	14" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	16,246.72	
	33 61 13 00-0529	EA	16" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	19,417.16	
	33 61 13 00-0530	EA	18" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	24,226.10	
	33 61 13 00-0531	EA	20" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	30,678.70	
	33 61 13 00-0532	EA	24" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	38,883.81	
33 61 13 00-0533			**Tempered Water Piping Pre-Insulated** *(33 61 13 00-0001)*		
33 61 13 00-0534			**Fiberglass Reinforced Polyester (FRP) Carrier And Casing, 1" Polyurethane Insulation** *(33 61 13 00-0533)*		
	33 61 13 00-0535	LF	4" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation	150.63	25.13
	33 61 13 00-0536	LF	6" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation	194.33	27.43
	33 61 13 00-0537	LF	8" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation	272.53	30.70
	33 61 13 00-0538	LF	10" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation	375.63	38.37
	33 61 13 00-0539	LF	12" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation	481.91	47.32
33 61 13 00-0540			**Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing, 1" Polyurethane Insulation** *(33 61 13 00-0533)*		
	33 61 13 00-0541	LF	4" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	72.07	27.43
	33 61 13 00-0542	LF	6" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	86.69	27.43
	33 61 13 00-0543	LF	8" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	100.58	27.43
	33 61 13 00-0544	LF	10" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	120.26	32.42
	33 61 13 00-0545	LF	12" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	145.43	41.15
33 61 13 00-0546			**Polyvinyl Chloride (PVC) Carrier And Casing, 1" Polyurethane Insulation** *(33 61 13 00-0533)*		
	33 61 13 00-0547	LF	4" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	72.06	27.43
	33 61 13 00-0548	LF	6" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	86.69	27.43
	33 61 13 00-0549	LF	8" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	99.33	27.43
	33 61 13 00-0550	LF	10" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	120.25	32.42
	33 61 13 00-0551	LF	12" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	145.43	41.15

33 70 Electrical Utilities *(33)*

33 71 Electrical Utility Transmission and Distribution *(33 70)*

33 71 19 Electrical Underground Ducts, Ductbanks and Manholes *(33 71)*

Note: Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 71 19 13 Electrical Manholes and Handholes *(33 71 19)*

33 71 19 13-0001 Electrical Handholes And Pull Boxes *(33 71 19 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 71 19 13-0002		**Electrical Pull Boxes** *(33 71 19 13-0001)*		
		See CSI section 33 05 63 00-0427 for handholes.		
33 71 19 13-0003	EA	24" x 36" x 24", Electric Pull Boxes, Precast Concrete	2,650.98	571.15
33 71 19 13-0004	EA	24" x 36" x 36", Electric Pull Boxes, Precast Concrete	3,206.05	633.09
33 71 19 13-0005	EA	30" x 48" x 36", Electric Pull Boxes, Precast Concrete	3,738.93	688.14
33 71 19 13-0006	EA	36" x 72" x 24", Electric Pull Boxes, Precast Concrete	5,962.41	825.77
33 71 19 13-0007	EA	36" x 60" x 36", Electric Pull Boxes, Precast Concrete	6,393.49	825.77
33 71 19 13-0008	EA	48" x 48" x 36", Electric Pull Boxes, Precast Concrete	6,893.31	860.17
33 71 19 13-0009	EA	48" x 60" x 48", Electric Pull Boxes, Precast Concrete	7,942.64	963.40
33 71 19 13-0010		**Electrical Pull Boxes (CALTRANS)** *(33 71 19 13-0001)*		
33 71 19 13-0011	EA	Body, CALTRANS 3-1/2 Precast Concrete Pull Box	156.35	
33 71 19 13-0012	EA	Concrete Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	60.85	
33 71 19 13-0013	EA	Bolt Down Concrete Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	94.24	
33 71 19 13-0014	EA	Bolt Down Cast Iron Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	195.96	
33 71 19 13-0015	EA	Bolt Down Steel Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	301.43	
		For Galvanized Steel Cover, Add	*51.06*	
33 71 19 13-0016	EA	12" Extension, CALTRANS 3-1/2 Precast Concrete Pull Box	78.02	
33 71 19 13-0017	EA	Flat Plate Base, CALTRANS 3-1/2 Precast Concrete Pull Box	78.02	
33 71 19 13-0018	EA	Body, CALTRANS 5 Precast Concrete Pull Box	224.24	
33 71 19 13-0019	EA	Concrete Cover, CALTRANS 5 Precast Concrete Pull Box	80.82	
33 71 19 13-0020	EA	Bolt Down Concrete Cover, CALTRANS 5 Precast Concrete Pull Box	114.21	
33 71 19 13-0021	EA	Bolt Down Steel Cover, CALTRANS 5 Precast Concrete Pull Box	398.78	
		For Galvanized Steel Cover, Add	*93.61*	
33 71 19 13-0022	EA	12" Extension, CALTRANS 5 Precast Concrete Pull Box	109.22	
33 71 19 13-0023	EA	Flat Plate Base, CALTRANS 5 Precast Concrete Pull Box	102.35	
33 71 19 13-0024	EA	Body, CALTRANS 6 Precast Concrete Pull Box	244.21	
33 71 19 13-0025	EA	Concrete Cover, CALTRANS 6 Precast Concrete Pull Box	107.65	
33 71 19 13-0026	EA	Bolt Down Concrete Cover, CALTRANS 6 Precast Concrete Pull Box	141.05	
33 71 19 13-0027	EA	Bolt Down Steel Cover, CALTRANS 6 Precast Concrete Pull Box	546.06	
		For Galvanized Steel Cover, Add	*131.05*	
33 71 19 13-0028	EA	12" Extension, CALTRANS 6 Precast Concrete Pull Box	129.19	
33 71 19 13-0029	EA	Flat Plate Base, CALTRANS 6 Precast Concrete Pull Box	121.70	
33 71 19 13-0030	EA	6" Return Flat Plate Base, CALTRANS 6 Precast Concrete Pull Box	166.63	
33 71 19 13-0031	EA	Body, CALTRANS 3-1/2-T Precast Concrete Pull Box	339.20	
33 71 19 13-0032	EA	Bolt Down Concrete Cover, CALTRANS 3-1/2-T Precast Concrete Pull Box	478.66	
33 71 19 13-0033	EA	12" Extension, CALTRANS 3-1/2-T Precast Concrete Pull Box	154.15	
33 71 19 13-0034	EA	Flat Plate Base, CALTRANS 3-1/2-T Precast Concrete Pull Box	141.67	
33 71 19 13-0035	EA	Body, CALTRANS 5-T Precast Concrete Pull Box	443.91	
33 71 19 13-0036	EA	Bolt Down Concrete Cover, CALTRANS 5-T Precast Concrete Pull Box	690.84	
33 71 19 13-0037	EA	12" Extension, CALTRANS 5-T Precast Concrete Pull Box	184.11	
33 71 19 13-0038	EA	Flat Plate Base, CALTRANS 5-T Precast Concrete Pull Box	179.11	
33 71 19 13-0039	EA	Body, CALTRANS 6-T Precast Concrete Pull Box	626.13	
33 71 19 13-0040	EA	Bolt Down Concrete Cover, CALTRANS 6-T Precast Concrete Pull Box	965.43	
33 71 19 13-0041	EA	12" Extension, CALTRANS 6-T Precast Concrete Pull Box	308.92	
33 71 19 13-0042	EA	Flat Plate Base, CALTRANS 6-T Precast Concrete Pull Box	241.52	
33 71 19 13-0043		**Electrical Property Line Boxes** *(33 71 19 13)*		
33 71 19 13-0044	EA	3'-6" x 2'-9" x 2' Deep Property Line Box	5,663.87	464.50
33 71 19 13-0045	EA	4'-6" x 3'-6" x 4' Deep Property Line Box	6,665.28	481.70
33 71 19 13-0046	EA	6' x 4' x 5' Deep Property Line Box	7,305.22	584.92
33 71 19 13-0047	EA	11'-6" x 4'-6" x 6' Deep Property Line Box	11,190.17	860.17
33 71 19 13-0048		**Manhole Accessories** *(33 71 19 13)*		
33 71 19 13-0049	EA	6" Precast Grade Ring Riser Casting	538.97	157.15
33 71 19 13-0050	EA	12" Precast Grade Ring Riser Casting	583.69	170.25
33 71 19 13-0051	EA	36" Opening Cast Iron Frame And Cover (NEENAH #R-1640-D)	2,279.50	261.92
33 71 19 13-0052	EA	42" Opening Cast Iron Frame And Cover (NEENAH #R-1740-E1)	2,972.67	327.40
33 71 19 13-0053	EA	Cast Iron Adjusting Ring (NEENAH #R-1979)	971.07	174.83
33 71 19 13-0054	EA	Cast Iron Frame And Cover (NEENAH #R-1640-B)	1,231.27	196.44

33 71 19 23 Trenched Electrical Underground Duct and Ductbanks *(33 71 19)*

33 71 19 23-0001 Underground Ductbank *(33 71 19 23)*

Note: Installation of single or multiple configuration underground utility raceways assembly to have minimum 3" concrete leveling base and encased in concrete envelope. Based on minimum 100' run, minimum 30" bury depth. Includes installation in trench using the appropriate supports, cleaning to remove any obstructions and installation of nylon pull string. Excludes trenching, concrete, backfilling, grading and seeding. Duct Banks are to be installed according to the appropriate sections of the accompanying specifications. Individual rows to be stacked for larger duct bank configurations. See CSI section 03 30 53 00-0001 for concrete.

33 71 19 23-0002 Rigid Galvanized Steel Conduit, Galvanized Rigid Conduit (GRC) Or Rigid Galvanized Steel (RGS), Duct Bank *(33 71 19 23-0001)*

Note: Includes appropriate spacers and fittings.

33 71 19 23-0003	LF	2 At 2", Rigid Galvanized Conduit Duct Bank	35.73	
33 71 19 23-0004	LF	4 At 2", Rigid Galvanized Conduit Duct Bank	71.50	
33 71 19 23-0005	LF	2 At 3", Rigid Galvanized Conduit Duct Bank	73.49	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 71 19 23-0006	LF	4 At 3", Rigid Galvanized Conduit Duct Bank	147.40	
33 71 19 23-0007	LF	2 At 4", Rigid Galvanized Conduit Duct Bank	108.15	
33 71 19 23-0008	LF	4 At 4", Rigid Galvanized Conduit Duct Bank	217.51	
33 71 19 23-0009	LF	6 At 4", Rigid Galvanized Conduit Duct Bank	327.07	
33 71 19 23-0010		Polyvinyl Chloride (PVC), Type EB-20 Duct Bank System *(33 71 19 23-0001)*		
		Note: Includes appropriate spacers and fittings.		
33 71 19 23-0011	LF	1 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	8.43	
33 71 19 23-0012	LF	2 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	18.54	
33 71 19 23-0013	LF	4 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	35.58	
33 71 19 23-0014	LF	1 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	11.16	
33 71 19 23-0015	LF	2 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	22.29	
33 71 19 23-0016	LF	4 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	45.29	
33 71 19 23-0017	LF	1 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	14.92	
33 71 19 23-0018	LF	2 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	29.86	
33 71 19 23-0019	LF	4 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	59.77	
33 71 19 23-0020	LF	6 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	89.62	
33 71 19 23-0021		Polyvinyl Chloride (PVC), Type DB-60 Duct Bank System *(33 71 19 23-0001)*		
		Note: Includes appropriate spacers and fittings.		
33 71 19 23-0022	LF	1 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	9.36	
33 71 19 23-0023	LF	2 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	20.48	
33 71 19 23-0024	LF	4 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	39.22	
33 71 19 23-0025	LF	1 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	11.58	
33 71 19 23-0026	LF	2 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	23.15	
33 71 19 23-0027	LF	4 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	46.17	
33 71 19 23-0028	LF	1 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	15.26	
33 71 19 23-0029	LF	2 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	30.56	
33 71 19 23-0030	LF	4 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	61.17	
33 71 19 23-0031	LF	6 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	91.73	
33 71 19 23-0032		Male Or Female Adapters *(33 71 19 23-0001)*		
33 71 19 23-0033	EA	2" Adapter	45.10	
33 71 19 23-0034	EA	3" Adapter	65.01	
33 71 19 23-0035	EA	4" Adapter	83.98	
33 71 19 23-0036		Underground Electrical Concrete Markers *(33 71 19 23)*		
33 71 19 23-0037	EA	36" x 6" x 6", Underground Electric Concrete Marker	391.85	

END OF SECTION 33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

34 Transportation

34 70 Transportation Construction and Equipment *(34)*

34 71 Roadway Construction *(34 70)*

34 71 13 Vehicle Barriers *(34 71)*

34 71 13 13 Vehicle Median Barriers *(34 71 13)*

34 71 13 13-0001 Concrete Median Barrier *(34 71 13 13)*

34 71 13 13-0002	LF	Median Barrier, Precast, 42" High Single Face	76.23	5.01
34 71 13 13-0003	LF	Median Barrier, Precast, 32" High, 2' Wide Base, Double Face	123.24	5.01
34 71 13 13-0004	LF	Median Barrier, Precast, 42" High, 2' Wide Base, Double Face	172.42	5.01
34 71 13 13-0005	LF	Median Barrier, Cast In Place With Steel Forms	51.01	6.54
34 71 13 13-0006	LF	Median Barrier, Slipformed Concrete	44.62	4.02

34 71 13 16 Vehicle Crash Barriers *(34 71 13)*

34 71 13 16-0001 Impact Barrier, Non-Redirective *(34 71 13 16)*

34 71 13 16-0002 Sand Barrel Impact Attenuator *(34 71 13 16-0001)*

Note: Includes containers, inserts, and lid. Excludes sand.

34 71 13 16-0003	EA	200, 400 Or 700 Lb. Sand Barrel Note: Includes containers, inserts, and lid.	540.47	60.23

34 71 13 26 Vehicle Guide Rails *(34 71 13)*

34 71 13 26-0001 Mobilize Guide Rail Crew *(34 71 13 26)*

34 71 13 26-0002	EA	Mobilize Guide Rail Crew Note: Excludes equipment mobilization.	1,520.71	

34 71 13 26-0003 Corrugated Beam Guide Rail *(34 71 13 26)*

34 71 13 26-0004 Corrugated Beam Guide Railing *(34 71 13 26-0003)*

34 71 13 26-0005 Corrugated Beam Guide Railing. Straight Sections *(34 71 13 26-0004)*

Note: Add additional length for back-up sections.

34 71 13 26-0006	LF	Corrugated Beam Guide Railing	38.04	2.71
34 71 13 26-0007	LF	Corrugated Beam Guide Railing (Rustic)	45.04	2.71

34 71 13 26-0008 Corrugated Beam Guide Railing, Shop Curved *(34 71 13 26-0004)*

Note: Add additional length for back-up sections.

34 71 13 26-0009	LF	Shop Curved Corrugated Beam Guide Railing	50.93	2.71
34 71 13 26-0010	LF	Shop Curved Corrugated Beam Guide Railing (Rustic)	60.59	2.71
34 71 13 26-0011	LF	Shop Curved Corrugated Beam Guide Railing End Note: Treatment for mall barriers driveways, walkways, special end, etc.	136.77	2.71
34 71 13 26-0012	LF	Shop Curved Corrugated Beam Guide Railing (Rustic) End Note: Treatment for mall barriers shop curved corrugated beam guide railing end etc.	156.89	2.71

34 71 13 26-0013 Corrugated Beam Guide Railing, Manufactured End Sections *(34 71 13 26-0003)*

34 71 13 26-0014	EA	Corrugated Beam Guide Railing End Section At Anchor Unit	264.87	35.84
34 71 13 26-0015	EA	Corrugated Beam Guide Railing End Section (Rustic) At Anchor Unit	282.42	35.84
34 71 13 26-0016	EA	Corrugated Beam Guide Railing Flared Or 180 Degree End Section	370.15	35.84
34 71 13 26-0017	EA	Corrugated Beam Guide Railing Flared Or 180 Degree End Section (Rustic)	387.70	35.84
34 71 13 26-0018	EA	Corrugated Beam Guide Railing 225 Degree End Section	370.15	35.84
34 71 13 26-0019	EA	Corrugated Beam Guide Railing 225 Degree End Section (Rustic)	387.70	35.84

34 71 13 26-0020 Corrugated Beam Guide Rail Posts *(34 71 13 26-0003)*

Note: Includes mounting hardware.

34 71 13 26-0021	EA	Standard Post For Corrugated Beam Guide Rail	306.39	19.24
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*5.13*	
34 71 13 26-0022	EA	Standard Post For (Rustic) Corrugated Beam Guide Rail	323.93	19.24
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*5.13*	
34 71 13 26-0023	EA	Extra Long Post For Corrugated Beam Guide Rail	341.48	19.24
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*5.13*	
34 71 13 26-0024	EA	Extra Long Post (Rustic) for Corrugated Beam Guide Rail	359.03	19.24
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*5.13*	
34 71 13 26-0025	EA	6B8-1/2" or Mall Barrier Post for Corrugated Beam Guide Rail	306.39	19.24
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*5.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0026	EA	Post Struts for Corrugated Beam Guide Rail Mall Barrier Post	446.76	19.24
		For Installation In Rock, Add	*5.13*	
34 71 13 26-0027		**Heavy Post Blocked Out Corrugated Beam Guide Rail Posts** *(34 71 13 26-0003)*		
		Note: Includes mounting hardware. Excludes triangular mounting brackets.		
34 71 13 26-0028	EA	Standard Post For Heavy Post Blocked Out Corrugated Beam Guide	306.39	19.24
34 71 13 26-0029	EA	Standard Rustic Post For Heavy Post Blocked Out Corrugated Beam Guide	323.93	19.24
34 71 13 26-0030	EA	Extra Long Post for Heavy Post Blocked Out Corrugated Beam Guide	341.48	19.24
34 71 13 26-0031	EA	Extra Long Post (Rustic) For heavy post blocked out corrugated beam guide rail	359.03	19.24
		Note: For heavy post blocked out corrugated beam guide (rustic)		
34 71 13 26-0032	EA	Type A Post 1630mm Post	297.61	19.24
		Note: For heavy post blocked out corrugated beam guide rail		
34 71 13 26-0033	EA	Type A Post 1630mm Post (Rustic)	315.16	19.24
		Note: For heavy post blocked out corrugated beam guide rail		
34 71 13 26-0034	EA	Type B Post 1460mm	280.07	19.24
		Note: For heavy post blocked out corrugated beam guide rail		
34 71 13 26-0035	EA	Type B Post 1460mm (Rustic)	297.61	19.24
		Note: For heavy post blocked out corrugated beam guide rail		
34 71 13 26-0036	EA	Type C Post 1290mm	262.52	19.24
		Note: For heavy post blocked out corrugated beam guide rail		
34 71 13 26-0037	EA	Type C Post 1290mm (Rustic)	280.07	19.24
		Note: For heavy post blocked out corrugated beam guide rail		
34 71 13 26-0038	EA	Breakaway Wood Or Steel Post In Steel Foundation Tube	1,186.53	19.24
34 71 13 26-0039	EA	Wood, Metal, Plastic Or Composite Offset Block Or Beam	113.37	19.24
		Note: For heavy post blocked out corrugated beam guide rail.		
34 71 13 26-0040		**Corrugated Beam Guide Rail Accessories** *(34 71 13 26-0003)*		
34 71 13 26-0041	EA	Triangular Mounting Brackets (Galvanized Or Rustic) For All Post Types A, B And C	229.78	40.73
34 71 13 26-0042		**Corrugated Beam Guide Rail Repair for Existing Guide Rail** *(34 71 13 26-0003)*		
		Note: Includes associated hardware.		
34 71 13 26-0043	LF	Removal And Storage Of Corrugated Beam Guide Railing And Post	15.91	
34 71 13 26-0044	EA	Install Stored Post For Corrugated Beam Guide Rail	54.31	
34 71 13 26-0045	LF	Install Stored Corrugated Beam Guide Railing And Post	9.23	
34 71 13 26-0046		**Corrugated Thrie Beam Guide Railing** *(34 71 13 26-0003)*		
34 71 13 26-0047		**Corrugated Thrie Beam Guide Railing. Straight Sections** *(34 71 13 26-0046)*		
		Note: Add additional length for back-up sections.		
34 71 13 26-0048	LF	Corrugated Thrie Beam Guide Railing	94.14	3.42
34 71 13 26-0049	LF	Corrugated Thrie Beam Guide Railing (Rustic)	99.49	3.42
34 71 13 26-0050		**Corrugated Thrie Beam Guide Railing. Shop Curved** *(34 71 13 26-0046)*		
		Note: Add additional length for back-up sections.		
34 71 13 26-0051	LF	Shop Curved Corrugated Thrie Beam Guide Railing	115.54	3.42
34 71 13 26-0052	LF	Shop Curved Corrugated Thrie Beam Guide Railing (Rustic)	120.88	3.42
34 71 13 26-0053		**Corrugated Thrie Beam Guide Rail Posts** *(34 71 13 26-0046)*		
		Note: Includes hardware for mounting.		
34 71 13 26-0054	EA	Standard Post For Corrugated Thrie Beam Guide Rail	390.59	3.42
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For 32" Soil Plate, Add	*7.00*	
34 71 13 26-0055	EA	Standard Post (Rustic) For Corrugated Thrie Beam Guide Rail	408.13	3.42
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For 32" Soil Plate, Add	*7.00*	
34 71 13 26-0056		**Timber Guide Rails** *(34 71 13 26)*		
		Note: Includes drilling and fasteners. Excludes excavation, auguring and concrete.		
34 71 13 26-0057		**Timber Guide Rail Posts** *(34 71 13 26-0056)*		
34 71 13 26-0058	EA	6" x 8" Timber Guide Rail Post	123.37	13.58
34 71 13 26-0059	EA	6" x 9" Timber Guide Rail Post	140.78	13.58
34 71 13 26-0060	EA	10" x 10" Timber Guide Rail Post	277.22	13.58
34 71 13 26-0061	EA	10" x 12" Timber Guide Rail Post	293.49	13.58
34 71 13 26-0062	EA	12" x 12" Timber Guide Rail Post	339.88	13.58
34 71 13 26-0063		**Timber Guide Rails** *(34 71 13 26-0056)*		
		Note: Excludes posts, spacer blocks and steel backup plates.		
34 71 13 26-0064	LF	4" x 9" Timber Guide Rail	15.31	1.63
34 71 13 26-0065	LF	6" x 10" Timber Guide Rail	21.58	1.63
34 71 13 26-0066	LF	6" x 12" Timber Guide Rail	25.25	1.63
34 71 13 26-0067		**Spacer Blocks For Timber Guide Rails** *(34 71 13 26-0056)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0068	EA	4" x 9" Spacer Block For Timber Guide Rails	19.94	2.17
34 71 13 26-0069	EA	6" x 8" Spacer Block For Timber Guide Rails	22.95	2.17
34 71 13 26-0070	EA	8" x 8" Spacer Block For Timber Guide Rails	26.78	2.17
34 71 13 26-0071		**Weathering Steel Backup Plates For Timber Guide Rails** *(34 71 13 26-0056)*		
34 71 13 26-0072	LF	6" High, Weathering Steel Backup Plate For Timber Guide Rails	27.81	1.36
34 71 13 26-0073		**Weathering Steel Splice And Bearing Plates For Timber Guide Rails** *(34 71 13 26-0056)*		
34 71 13 26-0074	EA	Weathering Steel Splice Plate For Timber Guide Rails	193.12	19.01
34 71 13 26-0075	EA	Weathering Steel Bearing Termination Plate For Timber Guide Rails	121.05	13.58
34 71 13 26-0076		**Cable Guide Rail** *(34 71 13 26)*		
34 71 13 26-0077		**Cable Guide Rail** *(34 71 13 26-0076)*		
34 71 13 26-0078	LF	Cable (Each Cable) Note: Includes tensioning. Excludes splices.	18.88	2.93
34 71 13 26-0079	EA	Cable Splice With Wedges	553.55	20.37
34 71 13 26-0080		**Cable Guide Rail Posts** *(34 71 13 26-0076)* Note: Includes hardware for cable mounting.		
34 71 13 26-0081	EA	Standard Post for Cable Guide Rail	348.69	64.11
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*17.10*	
34 71 13 26-0082	EA	Standard Post (Rustic) for Cable Guide Rail	366.24	64.11
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*17.10*	
34 71 13 26-0083	EA	Extra Long Post for Cable Guide Rail	366.24	64.11
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*17.10*	
34 71 13 26-0084	EA	Extra Long Post (Rustic) for Cable Guide Rail	383.78	64.11
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*17.10*	
34 71 13 26-0085	EA	Slip Impact Post Top for Anchor Unit	244.76	25.64
34 71 13 26-0086	EA	Slip Impact Post Base and Keeper Plate Note: For anchor unit.	683.43	25.64
34 71 13 26-0087		**Cable Guide Rail Accessories For Breakaway Anchor Angle Systems** *(34 71 13 26-0076)*		
34 71 13 26-0088	EA	Turnbuckle Cable End Assembly For Use With Breakaway Anchors	959.38	272.10
34 71 13 26-0089	EA	Turnbuckle Cable End Assembly	369.07	13.61
34 71 13 26-0090	EA	Spring Cable End Assembly (Compensating Device) For Use With Breakaway Anchors	1,237.29	6.76
34 71 13 26-0091	EA	Spring Cable End Assembly (Compensating Device) Without Turnbuckle	1,272.38	6.76
34 71 13 26-0092	EA	Breakaway Anchor Angle	474.35	13.61
34 71 13 26-0093	EA	Standard End Post Cap Assembly	219.58	6.76
34 71 13 26-0094	EA	Driveway End Post Cap Assembly	184.49	6.76
34 71 13 26-0095	EA	End Post Ground Support Plates	96.75	6.76
34 71 13 26-0096	EA	11" Stud Bolt, Cable Guide Rail	83.59	6.76
34 71 13 26-0097	EA	18" Stud Bolt, Cable Guide Rail	101.14	6.76
34 71 13 26-0098	EA	25" Stud Bolt, Cable Guide Rail	118.69	6.76
34 71 13 26-0099	EA	1-1/4" Diameter Turnbuckle, Cable Guide Rail	1,070.94	13.61
34 71 13 26-0100	EA	1-1/2" Diameter Turnbuckle, Cable Guide Rail	1,141.13	13.61
34 71 13 26-0101	EA	5/8" Diameter Turnbuckle With 12" Take-up And Shackle Ends, Cable Guide Rail	755.10	13.61
34 71 13 26-0102	EA	5/8" Eye Bolt 18" Long, Cable Guide Rail	465.23	6.76
34 71 13 26-0103	EA	3/4" Eye Bolt 8'-6" Long, Cable Guide Rail	474.35	13.61
34 71 13 26-0104	EA	1-5/8" Anchor Rod 10' Long With Plate, Cable Guide Rail	500.91	20.37
34 71 13 26-0105		**Cable Guide Rail Accessories For Slip Impact Post Systems** *(34 71 13 26-0076)*		
34 71 13 26-0106	EA	Turnbuckle Cable End Assembly Note: For use with slip impact post.	853.24	21.42
34 71 13 26-0107	EA	Spring Cable End Assembly (Compensating Device) Note: For use with slip impact post.	1,695.49	21.42
34 71 13 26-0108	EA	Anchor Angle For Slip Impact Post System	484.76	21.42
34 71 13 26-0109	EA	Cable End Assembly Rod Note: Includes cable end, threaded rod and keeper to anchor angle.	397.03	21.42
34 71 13 26-0110		**Cable Guide Rail Repair For Existing Guide Rail** *(34 71 13 26-0076)* Note: Includes associated hardware.		
34 71 13 26-0111	LF	Retention Existing Cable (Each Cable)	1.81	
34 71 13 26-0112	LF	Removal And Storage Of Cable Guide Railing	10.94	
34 71 13 26-0113	EA	Install Stored Post For Cable Guide Railing	85.49	
34 71 13 26-0114	LF	Install Stored Cable, (Each Cable) Note: Includes retensioning. Excludes splices.	4.84	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0115		**6" x 6" Box Beam Guide Rail** *(34 71 13 26)*		
34 71 13 26-0116		**Box Beam Guide Rail, 6" x 6"** *(34 71 13 26-0115)*		
34 71 13 26-0117		**Straight Sections, Box Beam Guide Rail** *(34 71 13 26-0116)*		
34 71 13 26-0118	LF	Box Beam Guide Railing 6" x 6" x 3/16" Galvanized Note: Excludes splices.	114.20	3.42
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0119	LF	Box Beam Guide Railing 6" x 6" x 3/16" (Rustic) Note: Excludes splices.	130.24	3.42
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0120	LF	Box Beam Guide Railing 8" x 6" x 3/16" Galvanized Note: Excludes splices	136.16	3.42
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0121		**Shop Curved, Box Beam Guide Rail** *(34 71 13 26-0116)*		
34 71 13 26-0122	LF	Shop Curved Box Beam Guide Railing 6" x 6" x 3/16" Galvanized Note: Excludes splices.	175.70	3.42
		For Shop Curved At <20' Radius, Add	*2.44*	
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0123	LF	Shop Curved Box Beam Guide Railing 6" x 6" x 3/16" (Rustic) Note: Excludes splices.	191.75	3.42
		For Shop Curved At <20' Radius, Add	*2.44*	
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0124	LF	Shop Curved Box Beam Guide Railing 8" x 6" x 3/16" Galvanized Note: Excludes splices.	209.86	3.42
		For Shop Curved At <20' Radius, Add	*2.44*	
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0125		**Box Beam Guide Rail End Treatment Sections** *(34 71 13 26-0115)* Note: Includes rail, end cover plate and hardware only. Excludes posts and splice.		
34 71 13 26-0126	EA	Box Beam End Piece Guide Railing Section Note: Galvanized excludes splices.	1,808.98	40.73
34 71 13 26-0127	EA	Box Beam End Piece Guide Railing Section (Rustic) Note: Excludes splices.	2,001.99	40.73
34 71 13 26-0128	EA	Box Beam Guide Railing End Treatment Section At Driveway, Galvanized Note: Excludes splices.	1,703.70	40.73
34 71 13 26-0129	EA	Box Beam Guide Railing End Treatment Section At Driveway, (Rustic) Note: Excludes splices.	1,773.89	40.73
34 71 13 26-0130	EA	Box Beam Guiderail End Assembly Note: Includes all components for the first 14'. Includes energy absorbing terminal, bearing plate, steel breakaway post upper and lower assembly, interior sleeve, box beam, post breaker, cable assembly, end tube rail, end tube tie plate, post 1 and post 2.	51,184.55	1,086.22
34 71 13 26-0131		**Splices For Box Beam Guide Rail** *(34 71 13 26-0115)*		
34 71 13 26-0132	EA	Splice For Box Beam Guide Rail	384.13	60.46
34 71 13 26-0133	EA	Splice For Box Beam Guide Rail (Rustic)	506.96	60.46
34 71 13 26-0134		**Box Beam Guide Rail Posts** *(34 71 13 26-0115)* Note: Includes hardware for box beam mounting.		
34 71 13 26-0135	EA	Standard Post For Box Beam Guide Rail	366.24	64.11
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*17.10*	
34 71 13 26-0136	EA	Standard Post (Rustic) for Box Beam Guide Railing	383.78	64.11
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*17.10*	
34 71 13 26-0137	EA	Extra Long Post For Box Beam Guide Rail	401.33	64.11
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*17.10*	
34 71 13 26-0138	EA	Extra Long Post (Rustic) For Box Beam Guide Rail	418.88	64.11
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*17.10*	
34 71 13 26-0139	EA	Type I End Assembly Post	348.69	64.11
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*17.10*	
34 71 13 26-0140	EA	Type I End Assembly Post (Rustic)	366.24	64.11
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*17.10*	
34 71 13 26-0141	EA	Type II End Assembly Post	331.14	64.11
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*17.10*	
34 71 13 26-0142	EA	Type II End Assembly Post (Rustic)	348.69	64.11
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*17.10*	
34 71 13 26-0143		**Box Beam Guide Rail Accessories** *(34 71 13 26-0115)*		
34 71 13 26-0144	EA	Box Beam Guide Rail End Cover Plate	226.85	12.22
34 71 13 26-0145	EA	Box Beam Guide Rail End Cover Plate (Rustic)	244.40	12.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0146		**Box Beam Guide Railing Repair, And Resetting** *(34 71 13 26-0115)*		
		Note: For existing guide rail.		
34 71 13 26-0147	LF	Removal And Storage Of Box Beam Guide Rail And Post	5.36	
34 71 13 26-0148	LF	Reset Box Beam Guide Rail	15.66	
34 71 13 26-0149		**6" x 8" Box Beam Median Barrier** *(34 71 13 26)*		
34 71 13 26-0150		**Box Beam Median Barrier, 6" x 8"** *(34 71 13 26-0149)*		
34 71 13 26-0151		**Straight Sections, Box Beam Median Barrier** *(34 71 13 26-0150)*		
34 71 13 26-0152	LF	Box Beam Median Barrier Galvanized Excludes Splices	184.76	12.22
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0153	LF	Box Beam Median Barrier (Rustic) Excludes Splices	200.80	12.22
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0154		**Shop Curved, Box Beam Median Barrier** *(34 71 13 26-0150)*		
34 71 13 26-0155	LF	Shop Curved Box Beam Median Barrier Galvanized	226.92	12.22
		Note: Excludes splices.		
		For Shop Curved At <20' Radius, Add	*2.44*	
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0156	LF	Shop Curved Box Beam Median Barrier Rustic	279.58	12.22
		Note: Excludes splices.		
		For Shop Curved At <20' Radius, Add	*2.44*	
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0157		**Box Beam Median Barrier End Treatment Sections** *(34 71 13 26-0149)*		
		Note: Includes rail, end cover plate and hardware. Excludes posts.		
34 71 13 26-0158	EA	Box Beam Median Barrier Type A End Treatment Section, Galvanized	6,002.64	40.73
		Note: Excludes splices and post.		
34 71 13 26-0159	EA	Box Beam Median Barrier Type A End Treatment Section (Rustic)	6,143.01	40.73
		Note: Excludes splices and post.		
34 71 13 26-0160	EA	Box Beam Median Barrier Type B End Treatment Section, Galvanized	6,002.64	40.73
		Note: Excludes splices and post.		
34 71 13 26-0161	EA	Box Beam Median Barrier Type B End Treatment Section (Rustic)	6,143.01	40.73
		Note: Excludes splices and post.		
34 71 13 26-0162		**Splices For Box Beam Median Barrier** *(34 71 13 26-0149)*		
34 71 13 26-0163	EA	Splice for Box Beam Median Barrier	429.48	32.59
34 71 13 26-0164	EA	Splice for Box Beam Median Barrier (Rustic)	692.68	32.59
34 71 13 26-0165		**Box Beam Median Barrier Posts Driven With Soil Plate** *(34 71 13 26-0149)*		
		Note: Includes all associated hardware.		
34 71 13 26-0166	EA	Standard Post for Box Beam Median Barrier	366.24	64.11
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*17.10*	
34 71 13 26-0167	EA	Standard Post (Rustic) for Box Beam Median Barrier	383.78	64.11
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*17.10*	
34 71 13 26-0168	EA	Extra Long Post for Box Beam Median Barrier	401.33	64.11
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*17.10*	
34 71 13 26-0169	EA	Extra Long Post (Rustic) for Box Beam Median Barrier	418.88	64.11
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*17.10*	
34 71 13 26-0170	EA	Type B End Treatment or Rub Back Anchor Post for Box Beam	331.14	64.11
		Note: For median barrier.		
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*17.10*	
34 71 13 26-0171	EA	Type B End Treatment or Rub Back Anchor Post (Rustic)	331.14	64.11
		Note: For box beam median barrier.		
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*17.10*	
34 71 13 26-0172	EA	Type I End Assembly Post for Box Beam Median Barrier to Concrete	401.33	64.11
		Note: For median barrier transition.		
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*17.10*	
34 71 13 26-0173	EA	Type I End Assembly Post (Rustic) for Box Beam Median Barrier	418.88	64.11
		Note: For Concrete median barrier transition.		
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*17.10*	
34 71 13 26-0174		**Box Beam Median Barrier Accessories** *(34 71 13 26-0149)*		
34 71 13 26-0175	EA	Box Beam Median Barrier End Cover Plate	262.78	28.68
34 71 13 26-0176	EA	Box Beam Median Barrier End Cover Plate (Rustic)	280.33	28.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0177		**Box Beam Median Barrier Repair, And Resetting** *(34 71 13 26-0149)*		
		Note: For existing guide rail.		
34 71 13 26-0178	LF	Removal And Storage Of Box Beam Median Barrier and Posts	5.55	
34 71 13 26-0179	LF	Reset Box Beam Median Barrier	16.39	
34 71 13 26-0180		**Universal Guide Rail Items** *(34 71 13 26)*		
34 71 13 26-0181		**Guide Rail Concrete Anchor Units For All Types Of Guide Rail** *(34 71 13 26-0180)*		
		Note: For cast in place or precast. Includes excavation, formwork, concrete, reinforcement, anchor rods and/or imbedded plate. Excludes anchor angle. For anchor angles and other terminal connections, use accessories section for respective guide rail type.		
34 71 13 26-0182	CY	Guide Rail Concrete Anchor Unit	921.81	
		For Each Additional Set Of Anchor Rods, Add	*38.00*	
34 71 13 26-0183	EA	Reset Existing Anchorage Unit for All Types of Guide Rail	622.88	
		Note: Includes excavation and backfill.		
34 71 13 26-0184	EA	Removal Of Guide Rail Concrete Anchor Unit	684.77	
34 71 13 26-0185		**Guide Rail Repair For All Types Of Existing Guide Rail** *(34 71 13 26-0180)*		
		Note: Includes associated hardware.		
34 71 13 26-0186	EA	Straighten And Reset Driven Post For Guide Rail	85.49	
34 71 13 26-0187	EA	Straighten And Reset Post Mounted On Concrete For Guide Rail	110.76	
		Note: With base plate for guide rail. Includes new anchor bolts.		
34 71 13 26-0188		**Additional Wood and Steel Posts** *(34 71 13 26-0180)*		
34 71 13 26-0189	LF	4" x 6" Wood Post	111.89	21.42
		For Installation In Rock, Add	*5.71*	
34 71 13 26-0190	LF	6" x 8" Wood Post	138.21	21.42
		For Installation In Rock, Add	*5.71*	
34 71 13 26-0191	LF	6" x 7/8" Galvanized Steel Post	78.26	21.42
		For Installation In Rock, Add	*5.71*	
34 71 13 26-0192	EA	Base Plate With Anchor Bolts For Mounting Post On Concrete	832.67	21.42
34 71 13 26-0193		**Accessories For All Types of Guide Rail** *(34 71 13 26-0180)*		
34 71 13 26-0194	EA	Reflector For Guard Rail	109.84	
34 71 13 26-0195		**Guide Rail Transitions** *(34 71 13 26)*		
34 71 13 26-0196		**Transition Box Beam Guide Rail To Corrugated Beam** *(34 71 13 26-0195)*		
34 71 13 26-0197	EA	Box Beam To Corrugated Beam Rail Bolted Section	1,415.59	
34 71 13 26-0198	EA	Box Beam To Corrugated Beam Rail Bolted Plate	713.72	
		Note: For making cable connections.		
34 71 13 26-0199		**Transition Box Beam Median Barrier To Corrugated Beam Median** *(34 71 13 26-0195)*		
34 71 13 26-0200	EA	Box Beam Median Barrier To Corrugated Beam Bolted Section	1,450.69	
34 71 13 26-0201	EA	Box Beam Median Barrier To Corrugated Beam Harness Plate	713.72	
		Note: For making cable connections.		
34 71 13 26-0202		**Transition Box Beam Guide Rail To Cable Guide Rail** *(34 71 13 26-0195)*		
34 71 13 26-0203	EA	Box Beam to Cable Guide Rail U-bolt And Plate	211.75	21.72
34 71 13 26-0204		**Transition Box Beam Median Barrier To Concrete Median Barrier** *(34 71 13 26-0195)*		
34 71 13 26-0205	EA	Box Beam Median Barrier To Concrete Barrier End Connection	2,117.46	
34 71 13 26-0206		**Transition Thrie Beam To Concrete Median Barrier** *(34 71 13 26-0195)*		
34 71 13 26-0207	EA	Thrie Beam Terminal Connector At Concrete Median Barrier	1,240.13	
34 71 13 26-0208	EA	Thrie Beam Transition Section To Corrugated Beam Guide Rail	1,678.79	
34 71 13 26-0209		**Resilient Guard Fence And Light Shield** *(34 71 13 26)*		
34 71 13 26-0210	LF	Resilient Guard Fence And Light Shield, Up To 6' High	87.65	8.38
34 71 13 26-0211		**Individual Concrete Guard Rail Posts** *(34 71 13 26)*		
34 71 13 26-0212	EA	6'-5" Concrete Guard Rail Posts, Round	100.80	8.38
34 71 13 26-0213	EA	6'-5" Concrete Posts, Square	112.78	9.43
34 71 13 26-0214	EA	6'-5" Concrete Posts, Triangular	109.87	9.43

34 71 16 Impact Attenuating Devices *(34 71)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 16 00-0001		Guard Rail Energy Absorbing Terminals *(34 71 16)*		
		Note: Crushable foam cartridges surrounded by steel guardrail for narrow hazards. One Bay consists of one Cartridge, one Diaphragm, and two Fender Panels. The Nose section is not considered a Bay, though there is a Cartridge in the Nose of each system. QuadGuard System as manufactured by Energy Absorption Systems, Inc.		
34 71 16 00-0002		24" Wide Guard Rail Energy Absorbing Terminals *(34 71 16 00-0001)*		
		Note: Includes nose section, cartridge bays, side fender panels, posts and anchor plates.		
34 71 16 00-0003	EA	24" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator	41,237.29	4,261.70
34 71 16 00-0004	EA	24" Wide, 5 Cartridge, Bays Energy Absorbing Crash Attenuator	57,235.85	5,682.27
34 71 16 00-0005	EA	24" Wide, 7 Cartridge, Bays Energy Absorbing Crash Attenuator	78,069.65	7,457.97
34 71 16 00-0006	EA	24" Wide, 9 Cartridge, Bays Energy Absorbing Crash Attenuator	86,915.29	9,233.69
34 71 16 00-0007		30" Wide Guard Rail Energy Absorbing Terminals *(34 71 16 00-0001)*		
		Note: Includes nose section, cartridge bays, side fender panels, posts and anchor plates.		
34 71 16 00-0008	EA	30" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator	44,434.96	4,794.41
34 71 16 00-0009	EA	30" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator	61,855.94	6,392.55
34 71 16 00-0010	EA	30" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator	84,857.03	8,523.40
34 71 16 00-0011	EA	30" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator	97,261.37	10,299.11
34 71 16 00-0012		36" Wide Guard Rail Energy Absorbing Terminals *(34 71 16 00-0001)*		
		Note: Includes nose section, cartridge bays, side fender panels, posts and anchor plates.		
34 71 16 00-0013	EA	36" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator	47,668.57	5,327.12
34 71 16 00-0014	EA	36" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator	66,511.09	7,102.84
34 71 16 00-0015	EA	36" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator	90,900.16	9,411.26
34 71 16 00-0016	EA	36" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator	107,570.34	11,364.54
34 71 16 00-0017		69" Wide Guard Rail Energy Absorbing Terminals *(34 71 16 00-0001)*		
		Note: Includes nose section, cartridge bays, side fender panels, posts and anchor plates.		
34 71 16 00-0018	EA	69" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator	51,632.16	5,859.84
34 71 16 00-0019	EA	69" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator	71,450.79	7,813.12
34 71 16 00-0020	EA	69" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator	98,079.58	10,299.11
34 71 16 00-0021	EA	69" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator	115,529.88	12,429.96
34 71 16 00-0022		90" Wide Guard Rail Energy Absorbing Terminals *(34 71 16 00-0001)*		
		Note: Includes nose section, cartridge bays, side fender panels, posts and anchor plates.		
34 71 16 00-0023	EA	90" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator	55,701.64	6,392.55
34 71 16 00-0024	EA	90" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator	76,514.93	8,523.40
34 71 16 00-0025	EA	90" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator	106,218.53	11,364.54
34 71 16 00-0026	EA	90" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator	123,708.21	13,495.39
34 71 19		**Vehicle Delineators** *(34 71)*		
34 71 19 16		**Flexible Vehicle Delineators** *(34 71 19)*		
34 71 19 16-0001	EA	2' High, 3" Diameter Flexible Fixed Stanchion Delineator	104.25	10.47
34 71 19 16-0002	EA	3' High, 3" Diameter Flexible Fixed Stanchion Delineator	105.68	10.47
34 71 19 16-0003	EA	3-1/2' High, 3" Diameter Flexible Fixed Stanchion Delineator	107.11	10.47
34 71 19 16-0004	EA	4' High, 3" Diameter Flexible Fixed Stanchion Delineator	108.54	10.47

END OF SECTION 34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

35 Waterway and Marine Construction

35 05 Common Work Results for Waterway and Marine Construction *(35)*

35 05 70 Common Work Results for Dams *(35 05)*

35 05 70 00-0001 Rubber Dam Repair *(35 05 70)*

35 05 70 00-0002	EA	Class A Rubber Dam Repair (Bullet And Similar Holes)	43.64	
35 05 70 00-0003	SF	Class B Rubber Dam Repair (Minor Surface Rubber Damage)	86.81	
35 05 70 00-0004	SF	Class C Rubber Dam Repair (Major Surface Rubber Damage)	127.28	
35 05 70 00-0005	SF	Class D Rubber Dam Repair (Serious Surface Rubber Damage), Per Layer Of Material	142.04	

35 20 Waterway and Marine Construction and Equipment *(35)*

35 22 Hydraulic Gates *(35 20)*

35 22 26 Sluice Gates *(35 22)*

35 22 26 00-0001 Heavy-Duty Cast Iron Sluice Gates Self Contained *(35 22 26)*

Note: Includes crank operated geared gate lift, anchor bolts, and grouting.

35 22 26 00-0002	EA	18" x 18" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	11,595.88	1,427.36
		For Electric Motor Operated Valve, Add	*1,994.55*	
35 22 26 00-0003	EA	24" x 24" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	16,621.06	2,141.11
		For Electric Motor Operated Valve, Add	*2,137.29*	
35 22 26 00-0004	EA	30" x 30" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	20,111.74	2,446.98
		For Electric Motor Operated Valve, Add	*2,198.47*	
35 22 26 00-0005	EA	36" x 36" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	22,921.16	2,676.38
		For Electric Motor Operated Valve, Add	*2,244.35*	
35 22 26 00-0006	EA	42" x 42" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	25,730.93	3,058.72
		For Electric Motor Operated Valve, Add	*2,320.82*	
35 22 26 00-0007	EA	48" x 48" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	36,118.94	4,893.96
		For Electric Motor Operated Valve, Add	*2,687.86*	
35 22 26 00-0008	EA	54" x 54" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	48,076.13	6,117.46
		For Electric Motor Operated Valve, Add	*2,932.56*	
35 22 26 00-0009	EA	60" x 60" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	56,200.16	8,105.62
		For Electric Motor Operated Valve, Add	*3,330.19*	
35 22 26 00-0010	EA	66" x 66" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	70,040.42	10,705.53
		For Electric Motor Operated Valve, Add	*3,850.18*	
35 22 26 00-0011	EA	72" x 72" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	73,663.43	12,234.90
		For Electric Motor Operated Valve, Add	*4,156.05*	
35 22 26 00-0012	EA	78" x 78" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	82,444.03	12,234.90
		For Electric Motor Operated Valve, Add	*4,897.90*	
35 22 26 00-0013	EA	84" x 84" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	95,570.07	13,764.27
		For Electric Motor Operated Valve, Add	*5,203.77*	
35 22 26 00-0014	EA	90" x 90" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	114,509.64	15,659.30
		For Electric Motor Operated Valve, Add	*5,582.78*	
35 22 26 00-0015	EA	96" x 96" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	128,968.82	16,404.98
		For Electric Motor Operated Valve, Add	*5,731.92*	
35 22 26 00-0016	EA	108" x 108" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	159,741.34	19,387.70
		For Electric Motor Operated Valve, Add	*6,328.46*	
35 22 26 00-0017	EA	120" x 120" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	197,342.38	23,861.79
		For Electric Motor Operated Valve, Add	*7,223.28*	
35 22 26 00-0018	EA	132" x 132" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	240,586.73	26,844.52
		For Electric Motor Operated Valve, Add	*7,819.82*	

35 22 59 Hydraulic Closure Gates *(35 22)*

35 22 59 00-0001 Steel Slide Gates Self Contained *(35 22 59)*

Note: Includes anchors and bolts.

35 22 59 00-0002	EA	12" x 12" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	3,992.29	535.27
		For Electric Motor Operated Valve, Add	*1,816.13*	
35 22 59 00-0003	EA	18" x 18" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	5,311.80	611.74
		For Electric Motor Operated Valve, Add	*1,831.42*	
35 22 59 00-0004	EA	24" x 24" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	6,062.22	713.76
		For Electric Motor Operated Valve, Add	*1,851.81*	
35 22 59 00-0005	EA	30" x 30" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	7,325.12	856.44
		For Electric Motor Operated Valve, Add	*1,880.36*	
35 22 59 00-0006	EA	36" x 36" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	9,371.86	1,070.56
		For Electric Motor Operated Valve, Add	*1,923.18*	
35 22 59 00-0007	EA	42" x 42" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	10,999.91	1,427.36
		For Electric Motor Operated Valve, Add	*1,994.55*	
35 22 59 00-0008	EA	48" x 48" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	15,096.80	2,141.11
		For Electric Motor Operated Valve, Add	*2,137.29*	
35 22 59 00-0009	EA	54" x 54" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	22,867.36	2,676.38
		For Electric Motor Operated Valve, Add	*2,244.35*	
35 22 59 00-0010	EA	60" x 60" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	29,899.33	4,282.21
		For Electric Motor Operated Valve, Add	*2,565.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
35 22 59 00-0011	EA	72" x 72" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	38,252.17	7,137.08
		For Electric Motor Operated Valve, Add	*3,136.48*	
35 22 59 00-0012	SF	Over 36 SF Steel Slide Gates Self Contained Including Anchor	1,060.86	197.28
		For Electric Motor Operated Valve, Add	*4,162.96*	

35 22 59 00-0013 Stainless Steel, Slide Gates, Frame Assembly Only *(35 22 59)*

35 22 59 00-0014	EA	24" x 24" Stainless Steel Slide Gate, Frame Assembly Only	20,224.63	698.92
35 22 59 00-0015	EA	30" x 30" Stainless Steel Slide Gate, Frame Assembly Only	25,007.76	873.26
35 22 59 00-0016	EA	36" x 36" Stainless Steel Slide Gate, Frame Assembly Only	31,886.51	1,064.44
35 22 59 00-0017	EA	48" x 48" Stainless Steel Slide Gate, Frame Assembly Only	48,721.38	2,038.64
35 22 59 00-0018	EA	60" x 60" Stainless Steel Slide Gate, Frame Assembly Only	71,960.39	4,448.92
35 22 59 00-0019	EA	72" x 72" Stainless Steel Slide Gate, Frame Assembly Only	94,658.79	6,796.49
35 22 59 00-0020	EA	84" x 84" Stainless Steel Slide Gate, Frame Assembly Only	142,785.08	8,497.13
35 22 59 00-0021	Day	Start Up And Training, Stainless Steel Slide Gate, Frame Assembly	3,773.21	

35 22 59 00-0022 Aluminum Flap Gates *(35 22 59)*

35 22 59 00-0023	EA	18" Diameter Aluminum Flap Gates	3,872.02	535.27
		For Electric Motor Operated Valve, Add	*1,816.13*	
35 22 59 00-0024	EA	20" Diameter Aluminum Flap Gates	4,306.71	573.51
		For Electric Motor Operated Valve, Add	*1,823.76*	
35 22 59 00-0025	EA	24" Diameter Aluminum Flap Gates	4,737.62	611.74
		For Electric Motor Operated Valve, Add	*1,831.42*	
35 22 59 00-0026	EA	30" Diameter Aluminum Flap Gates	6,408.37	713.76
		For Electric Motor Operated Valve, Add	*1,851.81*	
35 22 59 00-0027	EA	36" Diameter Aluminum Flap Gates	7,940.92	856.44
		For Electric Motor Operated Valve, Add	*1,880.36*	
35 22 59 00-0028	EA	42" Diameter Aluminum Flap Gates	11,222.22	1,070.56
		For Electric Motor Operated Valve, Add	*1,923.18*	
35 22 59 00-0029	EA	48" Diameter Aluminum Flap Gates	14,208.48	1,427.36
		For Electric Motor Operated Valve, Add	*1,994.55*	
35 22 59 00-0030	EA	54" Diameter Aluminum Flap Gates	18,419.37	2,141.11
		For Electric Motor Operated Valve, Add	*2,137.29*	
35 22 59 00-0031	EA	60" Diameter Aluminum Flap Gates	24,377.58	3,058.72
		For Electric Motor Operated Valve, Add	*2,320.82*	
35 22 59 00-0032	EA	66" Diameter Aluminum Flap Gates	31,565.59	4,282.21
		For Electric Motor Operated Valve, Add	*2,565.51*	
35 22 59 00-0033	EA	72" Diameter Aluminum Flap Gates	39,462.97	6,117.46
		For Electric Motor Operated Valve, Add	*2,932.56*	

35 22 59 00-0034 Stainless Steel Flap Gates *(35 22 59)*

35 22 59 00-0035	EA	12" x 12" Stainless Steel Flap Gate	8,191.97	458.81
		For Electric Motor Operated Valve, Add	*1,800.83*	
35 22 59 00-0036	EA	18" x 18" Stainless Steel Flap Gate	10,489.68	535.27
		For Electric Motor Operated Valve, Add	*1,816.13*	
35 22 59 00-0037	EA	24" x 24" Stainless Steel Flap Gate	13,512.24	611.74
		For Electric Motor Operated Valve, Add	*1,831.42*	
35 22 59 00-0038	EA	30" x 30" Stainless Steel Flap Gate	17,582.70	714.21
		For Electric Motor Operated Valve, Add	*1,851.81*	
35 22 59 00-0039	EA	36" x 36" Stainless Steel Flap Gate	26,075.90	856.44
		For Electric Motor Operated Valve, Add	*1,880.36*	
35 22 59 00-0040	EA	48" x 48" Stainless Steel Flap Gate	38,213.77	1,426.89
		For Electric Motor Operated Valve, Add	*1,994.55*	
35 22 59 00-0041	EA	60" x 60" Stainless Steel Flap Gate	58,634.59	3,058.72
		For Electric Motor Operated Valve, Add	*2,320.82*	
35 22 59 00-0042	EA	72" x 72" Stainless Steel Flap Gate	85,177.01	6,117.46
		For Electric Motor Operated Valve, Add	*2,932.56*	
35 22 59 00-0043	EA	84" x 84" Stainless Steel Flap Gate	122,807.60	12,234.90
		For Electric Motor Operated Valve, Add	*4,156.05*	

35 22 59 00-0044 Cast Iron Flap Gates *(35 22 59)*

35 22 59 00-0045	EA	12" x 12" Cast Iron Flap Gate	14,507.16	573.51
		For Electric Motor Operated Valve, Add	*1,823.77*	
35 22 59 00-0046	EA	18" x 18" Cast Iron Flap Gate	20,373.04	669.86
		For Electric Motor Operated Valve, Add	*1,842.89*	
35 22 59 00-0047	EA	24" x 24" Cast Iron Flap Gate	26,005.59	764.68
		For Electric Motor Operated Valve, Add	*1,862.01*	
35 22 59 00-0048	EA	30" x 30" Cast Iron Flap Gate	36,458.06	891.62
		For Electric Motor Operated Valve, Add	*1,887.50*	
35 22 59 00-0049	EA	36" x 36" Cast Iron Flap Gate	41,173.97	1,070.56
		For Electric Motor Operated Valve, Add	*1,923.18*	
35 22 59 00-0050	EA	48" x 48" Cast Iron Flap Gate	51,205.31	1,784.76
		For Electric Motor Operated Valve, Add	*2,065.92*	
35 22 59 00-0051	EA	60" x 60" Cast Iron Flap Gate	87,689.38	3,364.60
		For Electric Motor Operated Valve, Add	*2,381.99*	
35 22 59 00-0052	EA	72" x 72" Cast Iron Flap Gate	139,753.64	6,576.26
		For Electric Motor Operated Valve, Add	*3,024.32*	
35 22 59 00-0053	EA	84" x 84" Cast Iron Flap Gate	162,720.39	12,846.64
		For Electric Motor Operated Valve, Add	*4,278.40*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
35 22 59 00-0054		**Steel Knife Gates Including Handwheel Operator** *(35 22 59)*		
		Note: ANSI 150 PSI. for hub, flange, or spigot ends.		
35 22 59 00-0055	EA	6" Diameter Knife Gates Including Handwheel Operator For Hub	2,009.48	185.00
		For Electric Motor Operated Valve, Add	*1,746.07*	
35 22 59 00-0056	EA	8" Diameter Knife Gates Including Handwheel Operator For Hub	2,696.74	215.80
		For Electric Motor Operated Valve, Add	*1,752.24*	
35 22 59 00-0057	EA	10" Diameter Knife Gates Including Handwheel Operator For Hub	3,792.72	323.75
		For Electric Motor Operated Valve, Add	*1,773.82*	
35 22 59 00-0058	EA	12" Diameter Knife Gates Including Handwheel Operator For Hub	4,742.00	431.72
		For Electric Motor Operated Valve, Add	*1,795.41*	
35 22 59 00-0059	EA	14" Diameter Knife Gates Including Handwheel Operator For Hub	5,800.30	462.51
		For Electric Motor Operated Valve, Add	*1,801.57*	
35 22 59 00-0060	EA	16" Diameter Knife Gates Including Handwheel Operator For Hub	7,493.66	498.05
		For Electric Motor Operated Valve, Add	*1,808.69*	
35 22 59 00-0061	EA	18" Diameter Knife Gates Including Handwheel Operator For Hub	9,940.94	518.02
		For Electric Motor Operated Valve, Add	*1,812.67*	
35 22 59 00-0062	EA	20" Diameter Knife Gates Including Handwheel Operator For Hub	12,420.63	588.71
		For Electric Motor Operated Valve, Add	*1,826.80*	
35 22 59 00-0063	EA	24" Diameter Knife Gates Including Handwheel Operator For Hub	15,907.91	647.52
		For Electric Motor Operated Valve, Add	*1,838.57*	
35 22 59 00-0064	EA	30" Diameter Knife Gates Including Handwheel Operator For Hub	28,907.43	863.31
		For Electric Motor Operated Valve, Add	*1,881.74*	
35 22 59 00-0065	EA	36" Diameter Knife Gates Including Handwheel Operator For Hub	38,481.56	1,295.04
		For Electric Motor Operated Valve, Add	*1,968.08*	
35 22 59 00-0066		**Steel Hollow Jet Flow Gate Valve** *(35 22 59)*		
35 22 59 00-0067	EA	6" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	1,898.42	214.11
		For Electric Motor Operated Valve, Add	*1,751.89*	
35 22 59 00-0068	EA	8" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	2,919.66	250.05
		For Electric Motor Operated Valve, Add	*1,759.08*	
35 22 59 00-0069	EA	10" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	3,523.97	374.69
		For Electric Motor Operated Valve, Add	*1,784.01*	
35 22 59 00-0070	EA	12" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	4,497.96	499.33
		For Electric Motor Operated Valve, Add	*1,808.95*	
35 22 59 00-0071	EA	14" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	6,717.97	535.27
		For Electric Motor Operated Valve, Add	*1,816.13*	
35 22 59 00-0072	EA	16" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	8,086.24	576.57
		For Electric Motor Operated Valve, Add	*1,824.38*	
35 22 59 00-0073	EA	18" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	13,502.96	599.51
		For Electric Motor Operated Valve, Add	*1,828.98*	
35 22 59 00-0074	EA	20" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	16,964.97	681.33
		For Electric Motor Operated Valve, Add	*1,845.34*	
35 22 59 00-0075	EA	24" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	24,343.56	749.39
		For Electric Motor Operated Valve, Add	*1,858.97*	
35 22 59 00-0076	EA	30" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	29,839.81	999.44
		For Electric Motor Operated Valve, Add	*1,908.95*	
35 22 59 00-0077	EA	36" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	42,599.46	1,498.77
		For Electric Motor Operated Valve, Add	*2,008.78*	
35 22 59 00-0078	EA	42" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	50,781.87	1,835.23
		For Electric Motor Operated Valve, Add	*2,818.05*	
35 22 59 00-0079	EA	48" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	60,209.15	2,141.11
		For Electric Motor Operated Valve, Add	*2,879.14*	
35 22 59 00-0080	EA	54" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	79,258.12	2,676.38
		For Electric Motor Operated Valve, Add	*2,986.20*	
35 22 59 00-0081	EA	60" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	88,327.15	3,211.67
		For Electric Motor Operated Valve, Add	*3,093.51*	
35 22 59 00-0082	EA	66" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	112,798.41	4,435.16
		For Electric Motor Operated Valve, Add	*3,338.61*	
35 22 59 00-0083		**Steel Dish Head Valve** *(35 22 59)*		
35 22 59 00-0084	EA	12" Diameter Dish Head Valve	2,471.75	535.27
35 22 59 00-0085	EA	18" Diameter Dish Head Valve	3,529.51	611.74
35 22 59 00-0086	EA	20" Diameter Dish Head Valve	4,056.58	669.10
35 22 59 00-0087	EA	24" Diameter Dish Head Valve	4,762.33	713.76
35 22 59 00-0088	EA	30" Diameter Dish Head Valve	7,095.31	856.44
35 22 59 00-0089	EA	36" Diameter Dish Head Valve	8,748.93	1,070.56
35 22 59 00-0090	EA	42" Diameter Dish Head Valve	14,581.37	1,427.36
35 22 59 00-0091	EA	48" Diameter Dish Head Valve	19,152.39	2,141.11
35 22 59 00-0092	EA	54" Diameter Dish Head Valve	27,125.49	2,676.38
35 22 59 00-0093	EA	60" Diameter Dish Head Valve	35,099.12	4,282.21
35 22 59 00-0094	EA	66" Diameter Dish Head Valve	48,449.74	5,352.77
35 22 59 00-0095	EA	72" Diameter Dish Head Valve	59,174.14	7,137.08
35 22 63		**Through-Levee Access Gates** *(35 22)*		
35 22 63 00-0001		**Cast Iron Canal Gates** *(35 22 63)*		
35 22 63 00-0002	EA	12" Diameter Cast Iron Canal Gates With Fabricated Frame	2,999.61	535.27
		For Electric Motor Operated Valve, Add	*1,816.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
35 22 63 00-0003	EA	18" Diameter Cast Iron Canal Gates With Fabricated Frame	4,398.23	611.74
		For Electric Motor Operated Valve, Add	*1,831.42*	
35 22 63 00-0004	EA	20" Diameter Cast Iron Canal Gates With Fabricated Frame	5,033.97	669.10
		For Electric Motor Operated Valve, Add	*1,842.89*	
35 22 63 00-0005	EA	24" Diameter Cast Iron Canal Gates With Fabricated Frame	6,018.67	713.76
		For Electric Motor Operated Valve, Add	*1,851.81*	
35 22 63 00-0006	EA	30" Diameter Cast Iron Canal Gates With Fabricated Frame	9,122.98	856.44
		For Electric Motor Operated Valve, Add	*1,880.36*	
35 22 63 00-0007	EA	36" Diameter Cast Iron Canal Gates With Fabricated Frame	11,238.23	1,070.56
		For Electric Motor Operated Valve, Add	*1,923.18*	
35 22 63 00-0008	EA	42" Diameter Cast Iron Canal Gates With Fabricated Frame	18,999.00	1,427.36
		For Electric Motor Operated Valve, Add	*1,994.55*	
35 22 63 00-0009	EA	48" Diameter Cast Iron Canal Gates With Fabricated Frame	24,754.30	2,141.11
		For Electric Motor Operated Valve, Add	*2,137.29*	
35 22 63 00-0010	EA	54" Diameter Cast Iron Canal Gates With Fabricated Frame	35,327.72	2,676.38
		For Electric Motor Operated Valve, Add	*2,244.35*	
35 22 63 00-0011	EA	60" Diameter Cast Iron Canal Gates With Fabricated Frame	45,095.29	4,282.21
		For Electric Motor Operated Valve, Add	*2,565.51*	
35 22 63 00-0012	EA	66" Diameter Cast Iron Canal Gates With Fabricated Frame	62,668.76	5,352.77
		For Electric Motor Operated Valve, Add	*2,779.62*	
35 22 63 00-0013	EA	72" Diameter Cast Iron Canal Gates With Fabricated Frame	74,049.79	6,117.46
		For Electric Motor Operated Valve, Add	*2,932.56*	

END OF SECTION 35

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

40 Process Interconnections

40 05 Common Work Results For Process Interconnections *(40)*

40 05 19 Ductile Iron Process Pipe *(40 05)*

40 05 19 00-0001 Flanged End, Cement Lined, Bituminous Seal Coat, Ductile Iron Piping *(40 05 19)*

Note: 350 PSI rating for 2" - 24" sizes, 250 PSI rating for 30" - 48" sizes. Pipe barrels conform to ANSI/AWWA C151/A21.51. The bolt holes are aligned per ANSI/AWWA C115/A21.15. Flanged fittings conform to ANSI/AWWA C110/A21.10. Interiors shall be cement lined in accordance with ANSI/AWWA C104/A21.04. Exterior shall be bituminous coating, in accordance with ANSI/AWWA C104/A21.04. See CSI section 40 05 19 00-4103 for bolts, 40 05 19 00-4118 for gaskets.

40 05 19 00-0002 Flanged End (FxF), Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0001)*

40 05 19 00-0003 4" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0004	EA	4" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,010.20	249.44
		For Class 52 Rating, Deduct	*-69.55*	
		For Class 54 Rating, Add	*99.38*	
		For Class 55 Rating, Add	*150.07*	
		For Class 56 Rating, Add	*200.13*	
40 05 19 00-0005	EA	4" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,084.46	253.80
		For Class 52 Rating, Deduct	*-76.99*	
		For Class 54 Rating, Add	*109.60*	
		For Class 55 Rating, Add	*165.31*	
		For Class 56 Rating, Add	*220.32*	
40 05 19 00-0006	EA	4" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,158.72	258.16
		For Class 52 Rating, Deduct	*-84.43*	
		For Class 54 Rating, Add	*119.83*	
		For Class 55 Rating, Add	*180.56*	
		For Class 56 Rating, Add	*240.51*	
40 05 19 00-0007	EA	4" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,232.98	262.53
		For Class 52 Rating, Deduct	*-91.87*	
		For Class 54 Rating, Add	*130.06*	
		For Class 55 Rating, Add	*195.80*	
		For Class 56 Rating, Add	*260.71*	
40 05 19 00-0008	EA	4" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,307.24	266.88
		For Class 52 Rating, Deduct	*-99.32*	
		For Class 54 Rating, Add	*140.28*	
		For Class 55 Rating, Add	*211.04*	
		For Class 56 Rating, Add	*280.90*	
40 05 19 00-0009	EA	4" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,381.49	271.25
		For Class 52 Rating, Deduct	*-106.76*	
		For Class 54 Rating, Add	*150.51*	
		For Class 55 Rating, Add	*226.29*	
		For Class 56 Rating, Add	*301.10*	
40 05 19 00-0010	EA	4" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,455.75	275.60
		For Class 52 Rating, Deduct	*-114.20*	
		For Class 54 Rating, Add	*160.74*	
		For Class 55 Rating, Add	*241.53*	
		For Class 56 Rating, Add	*321.29*	
40 05 19 00-0011	EA	4" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,530.01	279.97
		For Class 52 Rating, Deduct	*-121.64*	
		For Class 54 Rating, Add	*170.96*	
		For Class 55 Rating, Add	*256.78*	
		For Class 56 Rating, Add	*341.49*	
40 05 19 00-0012	EA	4" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,604.27	284.33
		For Class 52 Rating, Deduct	*-129.08*	
		For Class 54 Rating, Add	*181.19*	
		For Class 55 Rating, Add	*272.02*	
		For Class 56 Rating, Add	*361.68*	
40 05 19 00-0013	EA	4" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,678.52	288.68
		For Class 52 Rating, Deduct	*-136.52*	
		For Class 54 Rating, Add	*191.42*	
		For Class 55 Rating, Add	*287.27*	
		For Class 56 Rating, Add	*381.88*	
40 05 19 00-0014	EA	4" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,752.78	293.05
		For Class 52 Rating, Deduct	*-143.96*	
		For Class 54 Rating, Add	*201.64*	
		For Class 55 Rating, Add	*302.51*	
		For Class 56 Rating, Add	*402.07*	
40 05 19 00-0015	EA	4" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,827.04	297.40
		For Class 52 Rating, Deduct	*-151.41*	
		For Class 54 Rating, Add	*211.87*	
		For Class 55 Rating, Add	*317.76*	
		For Class 56 Rating, Add	*422.27*	
40 05 19 00-0016	EA	4" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,901.30	301.77
		For Class 52 Rating, Deduct	*-158.85*	
		For Class 54 Rating, Add	*222.10*	
		For Class 55 Rating, Add	*333.00*	
		For Class 56 Rating, Add	*442.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0017	EA	4" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,975.56	306.13
		For Class 52 Rating, Deduct	*-166.29*	
		For Class 54 Rating, Add	*232.32*	
		For Class 55 Rating, Add	*348.25*	
		For Class 56 Rating, Add	*462.66*	
40 05 19 00-0018	EA	4" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,049.81	310.49
		For Class 52 Rating, Deduct	*-173.73*	
		For Class 54 Rating, Add	*242.55*	
		For Class 55 Rating, Add	*363.49*	
		For Class 56 Rating, Add	*482.85*	
40 05 19 00-0019	EA	4" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,124.07	314.85
		For Class 52 Rating, Deduct	*-181.17*	
		For Class 54 Rating, Add	*252.78*	
		For Class 55 Rating, Add	*378.73*	
		For Class 56 Rating, Add	*503.04*	
40 05 19 00-0020	EA	4" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,198.32	319.21
		For Class 52 Rating, Deduct	*-188.61*	
		For Class 54 Rating, Add	*263.00*	
		For Class 55 Rating, Add	*393.98*	
		For Class 56 Rating, Add	*523.24*	
40 05 19 00-0021	EA	4" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,272.58	323.57
		For Class 52 Rating, Deduct	*-196.06*	
		For Class 54 Rating, Add	*273.23*	
		For Class 55 Rating, Add	*409.22*	
		For Class 56 Rating, Add	*543.43*	
40 05 19 00-0022	EA	4" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,346.83	327.93
		For Class 52 Rating, Deduct	*-203.50*	
		For Class 54 Rating, Add	*283.46*	
		For Class 55 Rating, Add	*424.47*	
		For Class 56 Rating, Add	*563.63*	
40 05 19 00-0023	EA	4" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,421.09	332.29
		For Class 52 Rating, Deduct	*-210.94*	
		For Class 54 Rating, Add	*293.68*	
		For Class 55 Rating, Add	*439.71*	
		For Class 56 Rating, Add	*583.82*	
40 05 19 00-0024	EA	4" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,495.34	336.66
		For Class 52 Rating, Deduct	*-218.38*	
		For Class 54 Rating, Add	*303.91*	
		For Class 55 Rating, Add	*454.95*	
		For Class 56 Rating, Add	*604.01*	
40 05 19 00-0025	EA	4" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,569.60	341.01
		For Class 52 Rating, Deduct	*-225.82*	
		For Class 54 Rating, Add	*314.14*	
		For Class 55 Rating, Add	*470.20*	
		For Class 56 Rating, Add	*624.21*	
40 05 19 00-0026	EA	4" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,643.86	345.38
		For Class 52 Rating, Deduct	*-233.26*	
		For Class 54 Rating, Add	*324.36*	
		For Class 55 Rating, Add	*485.44*	
		For Class 56 Rating, Add	*644.40*	
40 05 19 00-0027	EA	4" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,718.11	349.73
		For Class 52 Rating, Deduct	*-240.70*	
		For Class 54 Rating, Add	*334.59*	
		For Class 55 Rating, Add	*500.69*	
		For Class 56 Rating, Add	*664.60*	
40 05 19 00-0028	EA	4" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,792.37	354.10
		For Class 52 Rating, Deduct	*-248.14*	
		For Class 54 Rating, Add	*344.82*	
		For Class 55 Rating, Add	*515.93*	
		For Class 56 Rating, Add	*684.79*	
40 05 19 00-0029	EA	4" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,866.63	358.46
		For Class 52 Rating, Deduct	*-255.59*	
		For Class 54 Rating, Add	*355.04*	
		For Class 55 Rating, Add	*531.18*	
		For Class 56 Rating, Add	*704.99*	
40 05 19 00-0030	EA	4" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,940.89	362.82
		For Class 52 Rating, Deduct	*-263.03*	
		For Class 54 Rating, Add	*365.27*	
		For Class 55 Rating, Add	*546.42*	
		For Class 56 Rating, Add	*725.18*	
40 05 19 00-0031	EA	4" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,015.15	367.18
		For Class 52 Rating, Deduct	*-270.47*	
		For Class 54 Rating, Add	*375.50*	
		For Class 55 Rating, Add	*561.67*	
		For Class 56 Rating, Add	*745.38*	
40 05 19 00-0032	EA	4" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,089.40	371.54
		For Class 52 Rating, Deduct	*-277.91*	
		For Class 54 Rating, Add	*385.72*	
		For Class 55 Rating, Add	*576.91*	
		For Class 56 Rating, Add	*765.57*	
40 05 19 00-0033	EA	4" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,163.66	375.90
		For Class 52 Rating, Deduct	*-285.35*	
		For Class 54 Rating, Add	*395.95*	
		For Class 55 Rating, Add	*592.16*	
		For Class 56 Rating, Add	*785.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0034	EA	4" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,237.92	380.27
		For Class 52 Rating, Deduct	*-292.79*	
		For Class 54 Rating, Add	*406.18*	
		For Class 55 Rating, Add	*607.40*	
		For Class 56 Rating, Add	*805.96*	
40 05 19 00-0035	EA	4" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,312.18	384.62
		For Class 52 Rating, Deduct	*-300.24*	
		For Class 54 Rating, Add	*416.40*	
		For Class 55 Rating, Add	*622.64*	
		For Class 56 Rating, Add	*826.16*	
40 05 19 00-0036	EA	4" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,386.43	388.99
		For Class 52 Rating, Deduct	*-307.68*	
		For Class 54 Rating, Add	*426.63*	
		For Class 55 Rating, Add	*637.89*	
		For Class 56 Rating, Add	*846.35*	
40 05 19 00-0037	EA	4" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,460.69	393.34
		For Class 52 Rating, Deduct	*-315.12*	
		For Class 54 Rating, Add	*436.86*	
		For Class 55 Rating, Add	*653.13*	
		For Class 56 Rating, Add	*866.54*	
40 05 19 00-0038	EA	4" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,534.95	397.71
		For Class 52 Rating, Deduct	*-322.56*	
		For Class 54 Rating, Add	*447.09*	
		For Class 55 Rating, Add	*668.38*	
		For Class 56 Rating, Add	*886.74*	
40 05 19 00-0039	EA	4" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,609.20	402.07
		For Class 52 Rating, Deduct	*-330.00*	
		For Class 54 Rating, Add	*457.31*	
		For Class 55 Rating, Add	*683.62*	
		For Class 56 Rating, Add	*906.93*	
40 05 19 00-0040	EA	4" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,683.46	406.43
		For Class 52 Rating, Deduct	*-337.44*	
		For Class 54 Rating, Add	*467.54*	
		For Class 55 Rating, Add	*698.87*	
		For Class 56 Rating, Add	*927.13*	
40 05 19 00-0041	EA	4" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,757.71	410.79
		For Class 52 Rating, Deduct	*-344.88*	
		For Class 54 Rating, Add	*477.77*	
		For Class 55 Rating, Add	*714.11*	
		For Class 56 Rating, Add	*947.32*	
40 05 19 00-0042	EA	4" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,831.97	415.15
		For Class 52 Rating, Deduct	*-352.33*	
		For Class 54 Rating, Add	*487.99*	
		For Class 55 Rating, Add	*729.36*	
		For Class 56 Rating, Add	*967.52*	

40 05 19 00-0043 6" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0044	EA	6" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,279.71	313.98
		For Class 52 Rating, Deduct	*-88.44*	
		For Class 54 Rating, Add	*126.31*	
		For Class 55 Rating, Add	*190.71*	
		For Class 56 Rating, Add	*254.30*	
40 05 19 00-0045	EA	6" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,369.58	318.34
		For Class 52 Rating, Deduct	*-97.60*	
		For Class 54 Rating, Add	*138.88*	
		For Class 55 Rating, Add	*209.43*	
		For Class 56 Rating, Add	*279.10*	
40 05 19 00-0046	EA	6" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,459.46	322.70
		For Class 52 Rating, Deduct	*-106.76*	
		For Class 54 Rating, Add	*151.45*	
		For Class 55 Rating, Add	*228.16*	
		For Class 56 Rating, Add	*303.91*	
40 05 19 00-0047	EA	6" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,549.33	327.06
		For Class 52 Rating, Deduct	*-115.92*	
		For Class 54 Rating, Add	*164.01*	
		For Class 55 Rating, Add	*246.89*	
		For Class 56 Rating, Add	*328.70*	
40 05 19 00-0048	EA	6" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,639.20	331.42
		For Class 52 Rating, Deduct	*-125.07*	
		For Class 54 Rating, Add	*176.58*	
		For Class 55 Rating, Add	*265.61*	
		For Class 56 Rating, Add	*353.50*	
40 05 19 00-0049	EA	6" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,729.06	335.78
		For Class 52 Rating, Deduct	*-134.23*	
		For Class 54 Rating, Add	*189.15*	
		For Class 55 Rating, Add	*284.34*	
		For Class 56 Rating, Add	*378.30*	
40 05 19 00-0050	EA	6" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,818.93	340.15
		For Class 52 Rating, Deduct	*-143.39*	
		For Class 54 Rating, Add	*201.72*	
		For Class 55 Rating, Add	*303.06*	
		For Class 56 Rating, Add	*403.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0051	EA	6" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,908.80	344.50
		For Class 52 Rating, Deduct	*-152.55*	
		For Class 54 Rating, Add	*214.29*	
		For Class 55 Rating, Add	*321.79*	
		For Class 56 Rating, Add	*427.90*	
40 05 19 00-0052	EA	6" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,998.67	348.87
		For Class 52 Rating, Deduct	*-161.71*	
		For Class 54 Rating, Add	*226.86*	
		For Class 55 Rating, Add	*340.51*	
		For Class 56 Rating, Add	*452.70*	
40 05 19 00-0053	EA	6" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,088.54	353.22
		For Class 52 Rating, Deduct	*-170.87*	
		For Class 54 Rating, Add	*239.42*	
		For Class 55 Rating, Add	*359.24*	
		For Class 56 Rating, Add	*477.51*	
40 05 19 00-0054	EA	6" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,178.41	357.59
		For Class 52 Rating, Deduct	*-180.03*	
		For Class 54 Rating, Add	*251.99*	
		For Class 55 Rating, Add	*377.97*	
		For Class 56 Rating, Add	*502.30*	
40 05 19 00-0055	EA	6" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,268.28	361.95
		For Class 52 Rating, Deduct	*-189.19*	
		For Class 54 Rating, Add	*264.56*	
		For Class 55 Rating, Add	*396.69*	
		For Class 56 Rating, Add	*527.10*	
40 05 19 00-0056	EA	6" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,358.15	366.31
		For Class 52 Rating, Deduct	*-198.34*	
		For Class 54 Rating, Add	*277.13*	
		For Class 55 Rating, Add	*415.42*	
		For Class 56 Rating, Add	*551.90*	
40 05 19 00-0057	EA	6" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,448.01	370.67
		For Class 52 Rating, Deduct	*-207.50*	
		For Class 54 Rating, Add	*289.70*	
		For Class 55 Rating, Add	*434.14*	
		For Class 56 Rating, Add	*576.70*	
40 05 19 00-0058	EA	6" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,537.87	375.03
		For Class 52 Rating, Deduct	*-216.66*	
		For Class 54 Rating, Add	*302.27*	
		For Class 55 Rating, Add	*452.87*	
		For Class 56 Rating, Add	*601.50*	
40 05 19 00-0059	EA	6" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,627.74	379.39
		For Class 52 Rating, Deduct	*-225.82*	
		For Class 54 Rating, Add	*314.83*	
		For Class 55 Rating, Add	*471.59*	
		For Class 56 Rating, Add	*626.30*	
40 05 19 00-0060	EA	6" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,717.62	383.76
		For Class 52 Rating, Deduct	*-234.98*	
		For Class 54 Rating, Add	*327.40*	
		For Class 55 Rating, Add	*490.32*	
		For Class 56 Rating, Add	*651.10*	
40 05 19 00-0061	EA	6" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,807.49	388.11
		For Class 52 Rating, Deduct	*-244.14*	
		For Class 54 Rating, Add	*339.97*	
		For Class 55 Rating, Add	*509.05*	
		For Class 56 Rating, Add	*675.90*	
40 05 19 00-0062	EA	6" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,897.35	392.48
		For Class 52 Rating, Deduct	*-253.30*	
		For Class 54 Rating, Add	*352.54*	
		For Class 55 Rating, Add	*527.77*	
		For Class 56 Rating, Add	*700.70*	
40 05 19 00-0063	EA	6" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,987.22	396.83
		For Class 52 Rating, Deduct	*-262.46*	
		For Class 54 Rating, Add	*365.11*	
		For Class 55 Rating, Add	*546.50*	
		For Class 56 Rating, Add	*725.50*	
40 05 19 00-0064	EA	6" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,077.09	401.20
		For Class 52 Rating, Deduct	*-271.61*	
		For Class 54 Rating, Add	*377.68*	
		For Class 55 Rating, Add	*565.22*	
		For Class 56 Rating, Add	*750.30*	
40 05 19 00-0065	EA	6" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,166.96	405.56
		For Class 52 Rating, Deduct	*-280.77*	
		For Class 54 Rating, Add	*390.25*	
		For Class 55 Rating, Add	*583.95*	
		For Class 56 Rating, Add	*775.10*	
40 05 19 00-0066	EA	6" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,256.83	409.92
		For Class 52 Rating, Deduct	*-289.93*	
		For Class 54 Rating, Add	*402.81*	
		For Class 55 Rating, Add	*602.68*	
		For Class 56 Rating, Add	*799.90*	
40 05 19 00-0067	EA	6" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,346.70	414.28
		For Class 52 Rating, Deduct	*-299.09*	
		For Class 54 Rating, Add	*415.38*	
		For Class 55 Rating, Add	*621.40*	
		For Class 56 Rating, Add	*824.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0068	EA	6" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,436.57	418.64
		For Class 52 Rating, Deduct	*-308.25*	
		For Class 54 Rating, Add	*427.95*	
		For Class 55 Rating, Add	*640.13*	
		For Class 56 Rating, Add	*849.50*	
40 05 19 00-0069	EA	6" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,526.44	423.00
		For Class 52 Rating, Deduct	*-317.41*	
		For Class 54 Rating, Add	*440.52*	
		For Class 55 Rating, Add	*658.86*	
		For Class 56 Rating, Add	*874.30*	
40 05 19 00-0070	EA	6" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,616.31	427.36
		For Class 52 Rating, Deduct	*-326.57*	
		For Class 54 Rating, Add	*453.09*	
		For Class 55 Rating, Add	*677.58*	
		For Class 56 Rating, Add	*899.10*	
40 05 19 00-0071	EA	6" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,706.18	431.72
		For Class 52 Rating, Deduct	*-335.73*	
		For Class 54 Rating, Add	*465.66*	
		For Class 55 Rating, Add	*696.31*	
		For Class 56 Rating, Add	*923.90*	
40 05 19 00-0072	EA	6" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,796.04	436.08
		For Class 52 Rating, Deduct	*-344.88*	
		For Class 54 Rating, Add	*478.23*	
		For Class 55 Rating, Add	*715.03*	
		For Class 56 Rating, Add	*948.70*	
40 05 19 00-0073	EA	6" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,885.92	440.44
		For Class 52 Rating, Deduct	*-354.04*	
		For Class 54 Rating, Add	*490.80*	
		For Class 55 Rating, Add	*733.76*	
		For Class 56 Rating, Add	*973.51*	
40 05 19 00-0074	EA	6" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,975.79	444.80
		For Class 52 Rating, Deduct	*-363.20*	
		For Class 54 Rating, Add	*503.36*	
		For Class 55 Rating, Add	*752.49*	
		For Class 56 Rating, Add	*998.31*	
40 05 19 00-0075	EA	6" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,065.65	449.16
		For Class 52 Rating, Deduct	*-372.36*	
		For Class 54 Rating, Add	*515.93*	
		For Class 55 Rating, Add	*771.21*	
		For Class 56 Rating, Add	*1,023.10*	
40 05 19 00-0076	EA	6" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,155.51	453.52
		For Class 52 Rating, Deduct	*-381.52*	
		For Class 54 Rating, Add	*528.50*	
		For Class 55 Rating, Add	*789.94*	
		For Class 56 Rating, Add	*1,047.90*	
40 05 19 00-0077	EA	6" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,245.38	457.89
		For Class 52 Rating, Deduct	*-390.68*	
		For Class 54 Rating, Add	*541.07*	
		For Class 55 Rating, Add	*808.66*	
		For Class 56 Rating, Add	*1,072.70*	
40 05 19 00-0078	EA	6" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,335.25	462.24
		For Class 52 Rating, Deduct	*-399.84*	
		For Class 54 Rating, Add	*553.64*	
		For Class 55 Rating, Add	*827.39*	
		For Class 56 Rating, Add	*1,097.50*	
40 05 19 00-0079	EA	6" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,425.12	466.61
		For Class 52 Rating, Deduct	*-409.00*	
		For Class 54 Rating, Add	*566.20*	
		For Class 55 Rating, Add	*846.11*	
		For Class 56 Rating, Add	*1,122.30*	
40 05 19 00-0080	EA	6" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,515.00	470.96
		For Class 52 Rating, Deduct	*-418.16*	
		For Class 54 Rating, Add	*578.77*	
		For Class 55 Rating, Add	*864.84*	
		For Class 56 Rating, Add	*1,147.11*	
40 05 19 00-0081	EA	6" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,604.86	475.33
		For Class 52 Rating, Deduct	*-427.31*	
		For Class 54 Rating, Add	*591.34*	
		For Class 55 Rating, Add	*883.57*	
		For Class 56 Rating, Add	*1,171.90*	
40 05 19 00-0082	EA	6" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,694.73	479.69
		For Class 52 Rating, Deduct	*-436.47*	
		For Class 54 Rating, Add	*603.91*	
		For Class 55 Rating, Add	*902.29*	
		For Class 56 Rating, Add	*1,196.70*	
40 05 19 00-0083		8" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*		
40 05 19 00-0084	EA	8" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,791.74	401.20
		For Class 52 Rating, Deduct	*-130.23*	
		For Class 54 Rating, Add	*184.87*	
		For Class 55 Rating, Add	*278.59*	
		For Class 56 Rating, Add	*371.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0085	EA	8" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,912.84	405.56
		For Class 52 Rating, Deduct	*-142.82*	
		For Class 54 Rating, Add	*202.13*	
		For Class 55 Rating, Add	*304.28*	
		For Class 56 Rating, Add	*405.14*	
40 05 19 00-0086	EA	8" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,033.93	409.92
		For Class 52 Rating, Deduct	*-155.41*	
		For Class 54 Rating, Add	*219.38*	
		For Class 55 Rating, Add	*329.97*	
		For Class 56 Rating, Add	*439.15*	
40 05 19 00-0087	EA	8" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,155.02	414.28
		For Class 52 Rating, Deduct	*-168.01*	
		For Class 54 Rating, Add	*236.63*	
		For Class 55 Rating, Add	*355.66*	
		For Class 56 Rating, Add	*473.16*	
40 05 19 00-0088	EA	8" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,276.11	418.64
		For Class 52 Rating, Deduct	*-180.60*	
		For Class 54 Rating, Add	*253.88*	
		For Class 55 Rating, Add	*381.35*	
		For Class 56 Rating, Add	*507.17*	
40 05 19 00-0089	EA	8" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,397.21	423.00
		For Class 52 Rating, Deduct	*-193.19*	
		For Class 54 Rating, Add	*271.14*	
		For Class 55 Rating, Add	*407.04*	
		For Class 56 Rating, Add	*541.18*	
40 05 19 00-0090	EA	8" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,518.30	427.36
		For Class 52 Rating, Deduct	*-205.79*	
		For Class 54 Rating, Add	*288.39*	
		For Class 55 Rating, Add	*432.72*	
		For Class 56 Rating, Add	*575.19*	
40 05 19 00-0091	EA	8" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,639.39	431.72
		For Class 52 Rating, Deduct	*-218.38*	
		For Class 54 Rating, Add	*305.64*	
		For Class 55 Rating, Add	*458.41*	
		For Class 56 Rating, Add	*609.20*	
40 05 19 00-0092	EA	8" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,760.48	436.08
		For Class 52 Rating, Deduct	*-230.97*	
		For Class 54 Rating, Add	*322.89*	
		For Class 55 Rating, Add	*484.10*	
		For Class 56 Rating, Add	*643.21*	
40 05 19 00-0093	EA	8" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,881.57	440.44
		For Class 52 Rating, Deduct	*-243.57*	
		For Class 54 Rating, Add	*340.14*	
		For Class 55 Rating, Add	*509.79*	
		For Class 56 Rating, Add	*677.22*	
40 05 19 00-0094	EA	8" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,002.67	444.80
		For Class 52 Rating, Deduct	*-256.16*	
		For Class 54 Rating, Add	*357.40*	
		For Class 55 Rating, Add	*535.48*	
		For Class 56 Rating, Add	*711.23*	
40 05 19 00-0095	EA	8" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,123.75	449.16
		For Class 52 Rating, Deduct	*-268.75*	
		For Class 54 Rating, Add	*374.65*	
		For Class 55 Rating, Add	*561.17*	
		For Class 56 Rating, Add	*745.24*	
40 05 19 00-0096	EA	8" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,244.84	453.52
		For Class 52 Rating, Deduct	*-281.35*	
		For Class 54 Rating, Add	*391.90*	
		For Class 55 Rating, Add	*586.86*	
		For Class 56 Rating, Add	*779.26*	
40 05 19 00-0097	EA	8" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,365.93	457.89
		For Class 52 Rating, Deduct	*-293.94*	
		For Class 54 Rating, Add	*409.15*	
		For Class 55 Rating, Add	*612.54*	
		For Class 56 Rating, Add	*813.27*	
40 05 19 00-0098	EA	8" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,487.03	462.24
		For Class 52 Rating, Deduct	*-306.53*	
		For Class 54 Rating, Add	*426.40*	
		For Class 55 Rating, Add	*638.23*	
		For Class 56 Rating, Add	*847.28*	
40 05 19 00-0099	EA	8" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,608.12	466.61
		For Class 52 Rating, Deduct	*-319.13*	
		For Class 54 Rating, Add	*443.65*	
		For Class 55 Rating, Add	*663.92*	
		For Class 56 Rating, Add	*881.29*	
40 05 19 00-0100	EA	8" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,729.22	470.96
		For Class 52 Rating, Deduct	*-331.72*	
		For Class 54 Rating, Add	*460.91*	
		For Class 55 Rating, Add	*689.61*	
		For Class 56 Rating, Add	*915.30*	
40 05 19 00-0101	EA	8" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,850.30	475.33
		For Class 52 Rating, Deduct	*-344.31*	
		For Class 54 Rating, Add	*478.16*	
		For Class 55 Rating, Add	*715.30*	
		For Class 56 Rating, Add	*949.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0102	EA	8" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,971.39	479.69
		For Class 52 Rating, Deduct	*-356.90*	
		For Class 54 Rating, Add	*495.41*	
		For Class 55 Rating, Add	*740.99*	
		For Class 56 Rating, Add	*983.32*	
40 05 19 00-0103	EA	8" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,092.49	484.05
		For Class 52 Rating, Deduct	*-369.50*	
		For Class 54 Rating, Add	*512.66*	
		For Class 55 Rating, Add	*766.68*	
		For Class 56 Rating, Add	*1,017.33*	
40 05 19 00-0104	EA	8" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,213.58	488.41
		For Class 52 Rating, Deduct	*-382.09*	
		For Class 54 Rating, Add	*529.91*	
		For Class 55 Rating, Add	*792.36*	
		For Class 56 Rating, Add	*1,051.34*	
40 05 19 00-0105	EA	8" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,334.68	492.77
		For Class 52 Rating, Deduct	*-394.69*	
		For Class 54 Rating, Add	*547.17*	
		For Class 55 Rating, Add	*818.05*	
		For Class 56 Rating, Add	*1,085.35*	
40 05 19 00-0106	EA	8" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,455.76	497.13
		For Class 52 Rating, Deduct	*-407.28*	
		For Class 54 Rating, Add	*564.42*	
		For Class 55 Rating, Add	*843.74*	
		For Class 56 Rating, Add	*1,119.36*	
40 05 19 00-0107	EA	8" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,576.86	501.50
		For Class 52 Rating, Deduct	*-419.87*	
		For Class 54 Rating, Add	*581.67*	
		For Class 55 Rating, Add	*869.43*	
		For Class 56 Rating, Add	*1,153.38*	
40 05 19 00-0108	EA	8" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,697.95	505.85
		For Class 52 Rating, Deduct	*-432.47*	
		For Class 54 Rating, Add	*598.92*	
		For Class 55 Rating, Add	*895.12*	
		For Class 56 Rating, Add	*1,187.38*	
40 05 19 00-0109	EA	8" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,819.05	510.22
		For Class 52 Rating, Deduct	*-445.06*	
		For Class 54 Rating, Add	*616.18*	
		For Class 55 Rating, Add	*920.81*	
		For Class 56 Rating, Add	*1,221.40*	
40 05 19 00-0110	EA	8" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,940.13	514.57
		For Class 52 Rating, Deduct	*-457.65*	
		For Class 54 Rating, Add	*633.43*	
		For Class 55 Rating, Add	*946.50*	
		For Class 56 Rating, Add	*1,255.41*	
40 05 19 00-0111	EA	8" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,061.22	518.94
		For Class 52 Rating, Deduct	*-470.24*	
		For Class 54 Rating, Add	*650.68*	
		For Class 55 Rating, Add	*972.18*	
		For Class 56 Rating, Add	*1,289.42*	
40 05 19 00-0112	EA	8" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,182.32	523.30
		For Class 52 Rating, Deduct	*-482.84*	
		For Class 54 Rating, Add	*667.93*	
		For Class 55 Rating, Add	*997.87*	
		For Class 56 Rating, Add	*1,323.43*	
40 05 19 00-0113	EA	8" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,303.41	527.66
		For Class 52 Rating, Deduct	*-495.43*	
		For Class 54 Rating, Add	*685.18*	
		For Class 55 Rating, Add	*1,023.56*	
		For Class 56 Rating, Add	*1,357.44*	
40 05 19 00-0114	EA	8" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,424.50	532.02
		For Class 52 Rating, Deduct	*-508.03*	
		For Class 54 Rating, Add	*702.43*	
		For Class 55 Rating, Add	*1,049.25*	
		For Class 56 Rating, Add	*1,391.45*	
40 05 19 00-0115	EA	8" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,545.58	536.38
		For Class 52 Rating, Deduct	*-520.62*	
		For Class 54 Rating, Add	*719.69*	
		For Class 55 Rating, Add	*1,074.94*	
		For Class 56 Rating, Add	*1,425.46*	
40 05 19 00-0116	EA	8" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,666.68	540.74
		For Class 52 Rating, Deduct	*-533.21*	
		For Class 54 Rating, Add	*736.94*	
		For Class 55 Rating, Add	*1,100.63*	
		For Class 56 Rating, Add	*1,459.47*	
40 05 19 00-0117	EA	8" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,787.77	545.11
		For Class 52 Rating, Deduct	*-545.80*	
		For Class 54 Rating, Add	*754.19*	
		For Class 55 Rating, Add	*1,126.32*	
		For Class 56 Rating, Add	*1,493.48*	
40 05 19 00-0118	EA	8" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,908.87	549.46
		For Class 52 Rating, Deduct	*-558.40*	
		For Class 54 Rating, Add	*771.44*	
		For Class 55 Rating, Add	*1,152.01*	
		For Class 56 Rating, Add	*1,527.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0119	EA	8" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,029.95	553.83
		For Class 52 Rating, Deduct	*-570.99*	
		For Class 54 Rating, Add	*788.69*	
		For Class 55 Rating, Add	*1,177.69*	
		For Class 56 Rating, Add	*1,561.50*	
40 05 19 00-0120	EA	8" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,151.04	558.18
		For Class 52 Rating, Deduct	*-583.58*	
		For Class 54 Rating, Add	*805.95*	
		For Class 55 Rating, Add	*1,203.38*	
		For Class 56 Rating, Add	*1,595.51*	
40 05 19 00-0121	EA	8" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,272.14	562.55
		For Class 52 Rating, Deduct	*-596.18*	
		For Class 54 Rating, Add	*823.20*	
		For Class 55 Rating, Add	*1,229.07*	
		For Class 56 Rating, Add	*1,629.53*	
40 05 19 00-0122	EA	8" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,393.23	566.91
		For Class 52 Rating, Deduct	*-608.77*	
		For Class 54 Rating, Add	*840.45*	
		For Class 55 Rating, Add	*1,254.76*	
		For Class 56 Rating, Add	*1,663.53*	

40 05 19 00-0123 10" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0124	EA	10" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,259.54	488.41
		For Class 52 Rating, Deduct	*-167.15*	
		For Class 54 Rating, Add	*236.81*	
		For Class 55 Rating, Add	*356.61*	
		For Class 56 Rating, Add	*474.90*	
40 05 19 00-0125	EA	10" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,417.06	492.77
		For Class 52 Rating, Deduct	*-183.75*	
		For Class 54 Rating, Add	*259.52*	
		For Class 55 Rating, Add	*390.43*	
		For Class 56 Rating, Add	*519.66*	
40 05 19 00-0126	EA	10" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,574.57	497.13
		For Class 52 Rating, Deduct	*-200.35*	
		For Class 54 Rating, Add	*282.24*	
		For Class 55 Rating, Add	*424.24*	
		For Class 56 Rating, Add	*564.41*	
40 05 19 00-0127	EA	10" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,732.10	501.50
		For Class 52 Rating, Deduct	*-216.95*	
		For Class 54 Rating, Add	*304.96*	
		For Class 55 Rating, Add	*458.05*	
		For Class 56 Rating, Add	*609.17*	
40 05 19 00-0128	EA	10" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,889.62	505.85
		For Class 52 Rating, Deduct	*-233.55*	
		For Class 54 Rating, Add	*327.67*	
		For Class 55 Rating, Add	*491.86*	
		For Class 56 Rating, Add	*653.93*	
40 05 19 00-0129	EA	10" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,047.14	510.22
		For Class 52 Rating, Deduct	*-250.15*	
		For Class 54 Rating, Add	*350.39*	
		For Class 55 Rating, Add	*525.67*	
		For Class 56 Rating, Add	*698.68*	
40 05 19 00-0130	EA	10" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,204.65	514.57
		For Class 52 Rating, Deduct	*-266.75*	
		For Class 54 Rating, Add	*373.10*	
		For Class 55 Rating, Add	*559.48*	
		For Class 56 Rating, Add	*743.44*	
40 05 19 00-0131	EA	10" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,362.17	518.94
		For Class 52 Rating, Deduct	*-283.35*	
		For Class 54 Rating, Add	*395.82*	
		For Class 55 Rating, Add	*593.30*	
		For Class 56 Rating, Add	*788.20*	
40 05 19 00-0132	EA	10" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,519.69	523.30
		For Class 52 Rating, Deduct	*-299.95*	
		For Class 54 Rating, Add	*418.54*	
		For Class 55 Rating, Add	*627.11*	
		For Class 56 Rating, Add	*832.95*	
40 05 19 00-0133	EA	10" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,677.21	527.66
		For Class 52 Rating, Deduct	*-316.55*	
		For Class 54 Rating, Add	*441.25*	
		For Class 55 Rating, Add	*660.92*	
		For Class 56 Rating, Add	*877.71*	
40 05 19 00-0134	EA	10" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,834.72	532.02
		For Class 52 Rating, Deduct	*-333.15*	
		For Class 54 Rating, Add	*463.97*	
		For Class 55 Rating, Add	*694.73*	
		For Class 56 Rating, Add	*922.47*	
40 05 19 00-0135	EA	10" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,992.24	536.38
		For Class 52 Rating, Deduct	*-349.75*	
		For Class 54 Rating, Add	*486.68*	
		For Class 55 Rating, Add	*728.54*	
		For Class 56 Rating, Add	*967.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0136	EA	10" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,149.76	540.74
		For Class 52 Rating, Deduct	*-366.35*	
		For Class 54 Rating, Add	*509.40*	
		For Class 55 Rating, Add	*762.36*	
		For Class 56 Rating, Add	*1,011.98*	
40 05 19 00-0137	EA	10" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,307.28	545.11
		For Class 52 Rating, Deduct	*-382.95*	
		For Class 54 Rating, Add	*532.12*	
		For Class 55 Rating, Add	*796.17*	
		For Class 56 Rating, Add	*1,056.74*	
40 05 19 00-0138	EA	10" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,464.80	549.46
		For Class 52 Rating, Deduct	*-399.55*	
		For Class 54 Rating, Add	*554.83*	
		For Class 55 Rating, Add	*829.98*	
		For Class 56 Rating, Add	*1,101.49*	
40 05 19 00-0139	EA	10" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,622.31	553.83
		For Class 52 Rating, Deduct	*-416.15*	
		For Class 54 Rating, Add	*577.55*	
		For Class 55 Rating, Add	*863.79*	
		For Class 56 Rating, Add	*1,146.25*	
40 05 19 00-0140	EA	10" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,779.83	558.18
		For Class 52 Rating, Deduct	*-432.75*	
		For Class 54 Rating, Add	*600.26*	
		For Class 55 Rating, Add	*897.60*	
		For Class 56 Rating, Add	*1,191.01*	
40 05 19 00-0141	EA	10" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,937.35	562.55
		For Class 52 Rating, Deduct	*-449.35*	
		For Class 54 Rating, Add	*622.98*	
		For Class 55 Rating, Add	*931.41*	
		For Class 56 Rating, Add	*1,235.76*	
40 05 19 00-0142	EA	10" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,094.88	566.91
		For Class 52 Rating, Deduct	*-465.95*	
		For Class 54 Rating, Add	*645.70*	
		For Class 55 Rating, Add	*965.23*	
		For Class 56 Rating, Add	*1,280.52*	
40 05 19 00-0143	EA	10" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,252.40	571.26
		For Class 52 Rating, Deduct	*-482.55*	
		For Class 54 Rating, Add	*668.41*	
		For Class 55 Rating, Add	*999.04*	
		For Class 56 Rating, Add	*1,325.28*	
40 05 19 00-0144	EA	10" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,409.91	575.63
		For Class 52 Rating, Deduct	*-499.15*	
		For Class 54 Rating, Add	*691.13*	
		For Class 55 Rating, Add	*1,032.85*	
		For Class 56 Rating, Add	*1,370.03*	
40 05 19 00-0145	EA	10" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,567.43	579.98
		For Class 52 Rating, Deduct	*-515.75*	
		For Class 54 Rating, Add	*713.84*	
		For Class 55 Rating, Add	*1,066.66*	
		For Class 56 Rating, Add	*1,414.79*	
40 05 19 00-0146	EA	10" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,724.95	584.35
		For Class 52 Rating, Deduct	*-532.35*	
		For Class 54 Rating, Add	*736.56*	
		For Class 55 Rating, Add	*1,100.47*	
		For Class 56 Rating, Add	*1,459.55*	
40 05 19 00-0147	EA	10" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,882.47	588.71
		For Class 52 Rating, Deduct	*-548.95*	
		For Class 54 Rating, Add	*759.28*	
		For Class 55 Rating, Add	*1,134.28*	
		For Class 56 Rating, Add	*1,504.30*	
40 05 19 00-0148	EA	10" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,039.99	593.07
		For Class 52 Rating, Deduct	*-565.55*	
		For Class 54 Rating, Add	*781.99*	
		For Class 55 Rating, Add	*1,168.10*	
		For Class 56 Rating, Add	*1,549.06*	
40 05 19 00-0149	EA	10" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,197.51	597.43
		For Class 52 Rating, Deduct	*-582.15*	
		For Class 54 Rating, Add	*804.71*	
		For Class 55 Rating, Add	*1,201.91*	
		For Class 56 Rating, Add	*1,593.82*	
40 05 19 00-0150	EA	10" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,355.03	601.79
		For Class 52 Rating, Deduct	*-598.75*	
		For Class 54 Rating, Add	*827.42*	
		For Class 55 Rating, Add	*1,235.72*	
		For Class 56 Rating, Add	*1,638.58*	
40 05 19 00-0151	EA	10" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,512.55	606.15
		For Class 52 Rating, Deduct	*-615.35*	
		For Class 54 Rating, Add	*850.14*	
		For Class 55 Rating, Add	*1,269.53*	
		For Class 56 Rating, Add	*1,683.33*	
40 05 19 00-0152	EA	10" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,670.07	610.52
		For Class 52 Rating, Deduct	*-631.95*	
		For Class 54 Rating, Add	*872.86*	
		For Class 55 Rating, Add	*1,303.34*	
		For Class 56 Rating, Add	*1,728.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0153	EA	10" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,827.57	614.87
		For Class 52 Rating, Deduct	*-648.55*	
		For Class 54 Rating, Add	*895.57*	
		For Class 55 Rating, Add	*1,337.16*	
		For Class 56 Rating, Add	*1,772.84*	
40 05 19 00-0154	EA	10" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,985.09	619.24
		For Class 52 Rating, Deduct	*-665.15*	
		For Class 54 Rating, Add	*918.29*	
		For Class 55 Rating, Add	*1,370.97*	
		For Class 56 Rating, Add	*1,817.60*	
40 05 19 00-0155	EA	10" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,140.01	623.59
		For Class 52 Rating, Deduct	*-681.47*	
		For Class 54 Rating, Add	*940.61*	
		For Class 55 Rating, Add	*1,404.20*	
		For Class 56 Rating, Add	*1,861.59*	
40 05 19 00-0156	EA	10" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,300.13	627.96
		For Class 52 Rating, Deduct	*-698.35*	
		For Class 54 Rating, Add	*963.72*	
		For Class 55 Rating, Add	*1,438.59*	
		For Class 56 Rating, Add	*1,907.11*	
40 05 19 00-0157	EA	10" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,457.66	632.32
		For Class 52 Rating, Deduct	*-714.96*	
		For Class 54 Rating, Add	*986.44*	
		For Class 55 Rating, Add	*1,472.40*	
		For Class 56 Rating, Add	*1,951.87*	
40 05 19 00-0158	EA	10" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,615.17	636.68
		For Class 52 Rating, Deduct	*-731.56*	
		For Class 54 Rating, Add	*1,009.15*	
		For Class 55 Rating, Add	*1,506.22*	
		For Class 56 Rating, Add	*1,996.63*	
40 05 19 00-0159	EA	10" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,772.69	641.04
		For Class 52 Rating, Deduct	*-748.16*	
		For Class 54 Rating, Add	*1,031.87*	
		For Class 55 Rating, Add	*1,540.03*	
		For Class 56 Rating, Add	*2,041.38*	
40 05 19 00-0160	EA	10" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,930.21	645.40
		For Class 52 Rating, Deduct	*-764.76*	
		For Class 54 Rating, Add	*1,054.58*	
		For Class 55 Rating, Add	*1,573.84*	
		For Class 56 Rating, Add	*2,086.14*	
40 05 19 00-0161	EA	10" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,087.73	649.76
		For Class 52 Rating, Deduct	*-781.36*	
		For Class 54 Rating, Add	*1,077.30*	
		For Class 55 Rating, Add	*1,607.65*	
		For Class 56 Rating, Add	*2,130.90*	
40 05 19 00-0162	EA	10" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,245.24	654.13
		For Class 52 Rating, Deduct	*-797.96*	
		For Class 54 Rating, Add	*1,100.02*	
		For Class 55 Rating, Add	*1,641.46*	
		For Class 56 Rating, Add	*2,175.65*	
40 05 19 00-0163		12" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*		
40 05 19 00-0164	EA	12" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,959.73	610.52
		For Class 52 Rating, Deduct	*-223.82*	
		For Class 54 Rating, Add	*316.31*	
		For Class 55 Rating, Add	*475.94*	
		For Class 56 Rating, Add	*633.54*	
40 05 19 00-0165	EA	12" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,156.26	614.87
		For Class 52 Rating, Deduct	*-244.71*	
		For Class 54 Rating, Add	*344.88*	
		For Class 55 Rating, Add	*518.45*	
		For Class 56 Rating, Add	*689.81*	
40 05 19 00-0166	EA	12" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,352.81	619.24
		For Class 52 Rating, Deduct	*-265.60*	
		For Class 54 Rating, Add	*373.45*	
		For Class 55 Rating, Add	*560.97*	
		For Class 56 Rating, Add	*746.08*	
40 05 19 00-0167	EA	12" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,549.36	623.59
		For Class 52 Rating, Deduct	*-286.50*	
		For Class 54 Rating, Add	*402.02*	
		For Class 55 Rating, Add	*603.48*	
		For Class 56 Rating, Add	*802.35*	
40 05 19 00-0168	EA	12" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,745.91	627.96
		For Class 52 Rating, Deduct	*-307.39*	
		For Class 54 Rating, Add	*430.59*	
		For Class 55 Rating, Add	*646.00*	
		For Class 56 Rating, Add	*858.62*	
40 05 19 00-0169	EA	12" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,942.46	632.32
		For Class 52 Rating, Deduct	*-328.28*	
		For Class 54 Rating, Add	*459.16*	
		For Class 55 Rating, Add	*688.51*	
		For Class 56 Rating, Add	*914.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0170	EA	12" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,139.00	636.68
		For Class 52 Rating, Deduct	*-349.18*	
		For Class 54 Rating, Add	*487.73*	
		For Class 55 Rating, Add	*731.03*	
		For Class 56 Rating, Add	*971.16*	
40 05 19 00-0171	EA	12" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,335.55	641.04
		For Class 52 Rating, Deduct	*-370.07*	
		For Class 54 Rating, Add	*516.30*	
		For Class 55 Rating, Add	*773.54*	
		For Class 56 Rating, Add	*1,027.43*	
40 05 19 00-0172	EA	12" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,532.10	645.40
		For Class 52 Rating, Deduct	*-390.96*	
		For Class 54 Rating, Add	*544.87*	
		For Class 55 Rating, Add	*816.06*	
		For Class 56 Rating, Add	*1,083.70*	
40 05 19 00-0173	EA	12" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,728.65	649.76
		For Class 52 Rating, Deduct	*-411.86*	
		For Class 54 Rating, Add	*573.44*	
		For Class 55 Rating, Add	*858.58*	
		For Class 56 Rating, Add	*1,139.97*	
40 05 19 00-0174	EA	12" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,925.19	654.13
		For Class 52 Rating, Deduct	*-432.75*	
		For Class 54 Rating, Add	*602.01*	
		For Class 55 Rating, Add	*901.09*	
		For Class 56 Rating, Add	*1,196.24*	
40 05 19 00-0175	EA	12" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,121.74	658.48
		For Class 52 Rating, Deduct	*-453.64*	
		For Class 54 Rating, Add	*630.58*	
		For Class 55 Rating, Add	*943.61*	
		For Class 56 Rating, Add	*1,252.51*	
40 05 19 00-0176	EA	12" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,318.29	662.85
		For Class 52 Rating, Deduct	*-474.54*	
		For Class 54 Rating, Add	*659.15*	
		For Class 55 Rating, Add	*986.12*	
		For Class 56 Rating, Add	*1,308.78*	
40 05 19 00-0177	EA	12" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,514.84	667.20
		For Class 52 Rating, Deduct	*-495.43*	
		For Class 54 Rating, Add	*687.72*	
		For Class 55 Rating, Add	*1,028.64*	
		For Class 56 Rating, Add	*1,365.05*	
40 05 19 00-0178	EA	12" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,711.39	671.57
		For Class 52 Rating, Deduct	*-516.32*	
		For Class 54 Rating, Add	*716.29*	
		For Class 55 Rating, Add	*1,071.15*	
		For Class 56 Rating, Add	*1,421.32*	
40 05 19 00-0179	EA	12" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,907.93	675.93
		For Class 52 Rating, Deduct	*-537.22*	
		For Class 54 Rating, Add	*744.86*	
		For Class 55 Rating, Add	*1,113.67*	
		For Class 56 Rating, Add	*1,477.59*	
40 05 19 00-0180	EA	12" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,104.48	680.29
		For Class 52 Rating, Deduct	*-558.11*	
		For Class 54 Rating, Add	*773.43*	
		For Class 55 Rating, Add	*1,156.18*	
		For Class 56 Rating, Add	*1,533.86*	
40 05 19 00-0181	EA	12" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,301.03	684.65
		For Class 52 Rating, Deduct	*-579.00*	
		For Class 54 Rating, Add	*802.00*	
		For Class 55 Rating, Add	*1,198.70*	
		For Class 56 Rating, Add	*1,590.13*	
40 05 19 00-0182	EA	12" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,497.58	689.01
		For Class 52 Rating, Deduct	*-599.90*	
		For Class 54 Rating, Add	*830.57*	
		For Class 55 Rating, Add	*1,241.21*	
		For Class 56 Rating, Add	*1,646.40*	
40 05 19 00-0183	EA	12" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,694.13	693.37
		For Class 52 Rating, Deduct	*-620.79*	
		For Class 54 Rating, Add	*859.14*	
		For Class 55 Rating, Add	*1,283.73*	
		For Class 56 Rating, Add	*1,702.67*	
40 05 19 00-0184	EA	12" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,890.66	697.74
		For Class 52 Rating, Deduct	*-641.69*	
		For Class 54 Rating, Add	*887.71*	
		For Class 55 Rating, Add	*1,326.24*	
		For Class 56 Rating, Add	*1,758.94*	
40 05 19 00-0185	EA	12" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,087.21	702.09
		For Class 52 Rating, Deduct	*-662.58*	
		For Class 54 Rating, Add	*916.28*	
		For Class 55 Rating, Add	*1,368.76*	
		For Class 56 Rating, Add	*1,815.21*	
40 05 19 00-0186	EA	12" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,283.76	706.46
		For Class 52 Rating, Deduct	*-683.47*	
		For Class 54 Rating, Add	*944.85*	
		For Class 55 Rating, Add	*1,411.27*	
		For Class 56 Rating, Add	*1,871.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0187	EA	12" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,480.32	710.81
		For Class 52 Rating, Deduct	*-704.37*	
		For Class 54 Rating, Add	*973.42*	
		For Class 55 Rating, Add	*1,453.79*	
		For Class 56 Rating, Add	*1,927.75*	
40 05 19 00-0188	EA	12" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,676.86	715.17
		For Class 52 Rating, Deduct	*-725.26*	
		For Class 54 Rating, Add	*1,001.99*	
		For Class 55 Rating, Add	*1,496.31*	
		For Class 56 Rating, Add	*1,984.02*	
40 05 19 00-0189	EA	12" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,873.41	719.53
		For Class 52 Rating, Deduct	*-746.15*	
		For Class 54 Rating, Add	*1,030.56*	
		For Class 55 Rating, Add	*1,538.82*	
		For Class 56 Rating, Add	*2,040.29*	
40 05 19 00-0190	EA	12" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,069.96	723.89
		For Class 52 Rating, Deduct	*-767.05*	
		For Class 54 Rating, Add	*1,059.13*	
		For Class 55 Rating, Add	*1,581.34*	
		For Class 56 Rating, Add	*2,096.56*	
40 05 19 00-0191	EA	12" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,266.51	728.26
		For Class 52 Rating, Deduct	*-787.94*	
		For Class 54 Rating, Add	*1,087.70*	
		For Class 55 Rating, Add	*1,623.85*	
		For Class 56 Rating, Add	*2,152.83*	
40 05 19 00-0192	EA	12" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,463.06	732.61
		For Class 52 Rating, Deduct	*-808.83*	
		For Class 54 Rating, Add	*1,116.27*	
		For Class 55 Rating, Add	*1,666.37*	
		For Class 56 Rating, Add	*2,209.10*	
40 05 19 00-0193	EA	12" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,659.60	736.98
		For Class 52 Rating, Deduct	*-829.73*	
		For Class 54 Rating, Add	*1,144.85*	
		For Class 55 Rating, Add	*1,708.88*	
		For Class 56 Rating, Add	*2,265.37*	
40 05 19 00-0194	EA	12" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,856.15	741.33
		For Class 52 Rating, Deduct	*-850.62*	
		For Class 54 Rating, Add	*1,173.42*	
		For Class 55 Rating, Add	*1,751.40*	
		For Class 56 Rating, Add	*2,321.65*	
40 05 19 00-0195	EA	12" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,052.70	745.70
		For Class 52 Rating, Deduct	*-871.51*	
		For Class 54 Rating, Add	*1,201.99*	
		For Class 55 Rating, Add	*1,793.91*	
		For Class 56 Rating, Add	*2,377.92*	
40 05 19 00-0196	EA	12" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,249.25	750.06
		For Class 52 Rating, Deduct	*-892.41*	
		For Class 54 Rating, Add	*1,230.56*	
		For Class 55 Rating, Add	*1,836.43*	
		For Class 56 Rating, Add	*2,434.19*	
40 05 19 00-0197	EA	12" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,445.80	754.42
		For Class 52 Rating, Deduct	*-913.30*	
		For Class 54 Rating, Add	*1,259.13*	
		For Class 55 Rating, Add	*1,878.94*	
		For Class 56 Rating, Add	*2,490.46*	
40 05 19 00-0198	EA	12" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,642.34	758.78
		For Class 52 Rating, Deduct	*-934.19*	
		For Class 54 Rating, Add	*1,287.70*	
		For Class 55 Rating, Add	*1,921.46*	
		For Class 56 Rating, Add	*2,546.73*	
40 05 19 00-0199	EA	12" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,838.89	763.14
		For Class 52 Rating, Deduct	*-955.09*	
		For Class 54 Rating, Add	*1,316.27*	
		For Class 55 Rating, Add	*1,963.97*	
		For Class 56 Rating, Add	*2,603.00*	
40 05 19 00-0200	EA	12" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,035.44	767.50
		For Class 52 Rating, Deduct	*-975.98*	
		For Class 54 Rating, Add	*1,344.84*	
		For Class 55 Rating, Add	*2,006.49*	
		For Class 56 Rating, Add	*2,659.27*	
40 05 19 00-0201	EA	12" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,231.99	771.87
		For Class 52 Rating, Deduct	*-996.87*	
		For Class 54 Rating, Add	*1,373.41*	
		For Class 55 Rating, Add	*2,049.00*	
		For Class 56 Rating, Add	*2,715.54*	
40 05 19 00-0202	EA	12" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,428.52	776.22
		For Class 52 Rating, Deduct	*-1,017.77*	
		For Class 54 Rating, Add	*1,401.98*	
		For Class 55 Rating, Add	*2,091.52*	
		For Class 56 Rating, Add	*2,771.81*	

40 05 19 00-0203 14" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0204	EA	14" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,959.13	732.61
		For Class 52 Rating, Deduct	*-313.40*	
		For Class 54 Rating, Add	*440.69*	
		For Class 55 Rating, Add	*661.99*	
		For Class 56 Rating, Add	*880.45*	
40 05 19 00-0205	EA	14" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,197.30	736.98
		For Class 52 Rating, Deduct	*-338.87*	
		For Class 54 Rating, Add	*475.50*	
		For Class 55 Rating, Add	*713.79*	
		For Class 56 Rating, Add	*949.00*	
40 05 19 00-0206	EA	14" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,435.48	741.33
		For Class 52 Rating, Deduct	*-364.35*	
		For Class 54 Rating, Add	*510.31*	
		For Class 55 Rating, Add	*765.59*	
		For Class 56 Rating, Add	*1,017.55*	
40 05 19 00-0207	EA	14" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,673.67	745.70
		For Class 52 Rating, Deduct	*-389.82*	
		For Class 54 Rating, Add	*545.13*	
		For Class 55 Rating, Add	*817.39*	
		For Class 56 Rating, Add	*1,086.10*	
40 05 19 00-0208	EA	14" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,911.85	750.06
		For Class 52 Rating, Deduct	*-415.29*	
		For Class 54 Rating, Add	*579.95*	
		For Class 55 Rating, Add	*869.19*	
		For Class 56 Rating, Add	*1,154.65*	
40 05 19 00-0209	EA	14" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,150.03	754.42
		For Class 52 Rating, Deduct	*-440.77*	
		For Class 54 Rating, Add	*614.76*	
		For Class 55 Rating, Add	*920.99*	
		For Class 56 Rating, Add	*1,223.20*	
40 05 19 00-0210	EA	14" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,388.20	758.78
		For Class 52 Rating, Deduct	*-466.24*	
		For Class 54 Rating, Add	*649.58*	
		For Class 55 Rating, Add	*972.78*	
		For Class 56 Rating, Add	*1,291.75*	
40 05 19 00-0211	EA	14" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,626.38	763.14
		For Class 52 Rating, Deduct	*-491.71*	
		For Class 54 Rating, Add	*684.39*	
		For Class 55 Rating, Add	*1,024.58*	
		For Class 56 Rating, Add	*1,360.31*	
40 05 19 00-0212	EA	14" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,864.56	767.50
		For Class 52 Rating, Deduct	*-517.18*	
		For Class 54 Rating, Add	*719.21*	
		For Class 55 Rating, Add	*1,076.38*	
		For Class 56 Rating, Add	*1,428.86*	
40 05 19 00-0213	EA	14" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,102.74	771.87
		For Class 52 Rating, Deduct	*-542.66*	
		For Class 54 Rating, Add	*754.02*	
		For Class 55 Rating, Add	*1,128.18*	
		For Class 56 Rating, Add	*1,497.41*	
40 05 19 00-0214	EA	14" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,340.90	776.22
		For Class 52 Rating, Deduct	*-568.13*	
		For Class 54 Rating, Add	*788.83*	
		For Class 55 Rating, Add	*1,179.98*	
		For Class 56 Rating, Add	*1,565.96*	
40 05 19 00-0215	EA	14" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,579.08	780.59
		For Class 52 Rating, Deduct	*-593.60*	
		For Class 54 Rating, Add	*823.65*	
		For Class 55 Rating, Add	*1,231.78*	
		For Class 56 Rating, Add	*1,634.51*	
40 05 19 00-0216	EA	14" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,817.26	784.94
		For Class 52 Rating, Deduct	*-619.07*	
		For Class 54 Rating, Add	*858.46*	
		For Class 55 Rating, Add	*1,283.58*	
		For Class 56 Rating, Add	*1,703.06*	
40 05 19 00-0217	EA	14" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,055.44	789.31
		For Class 52 Rating, Deduct	*-644.55*	
		For Class 54 Rating, Add	*893.28*	
		For Class 55 Rating, Add	*1,335.38*	
		For Class 56 Rating, Add	*1,771.61*	
40 05 19 00-0218	EA	14" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,293.62	793.67
		For Class 52 Rating, Deduct	*-670.02*	
		For Class 54 Rating, Add	*928.09*	
		For Class 55 Rating, Add	*1,387.17*	
		For Class 56 Rating, Add	*1,840.16*	
40 05 19 00-0219	EA	14" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,531.80	798.03
		For Class 52 Rating, Deduct	*-695.49*	
		For Class 54 Rating, Add	*962.91*	
		For Class 55 Rating, Add	*1,438.97*	
		For Class 56 Rating, Add	*1,908.72*	
40 05 19 00-0220	EA	14" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,769.98	802.39
		For Class 52 Rating, Deduct	*-720.97*	
		For Class 54 Rating, Add	*997.72*	
		For Class 55 Rating, Add	*1,490.77*	
		For Class 56 Rating, Add	*1,977.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0221	EA	14" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,008.16	806.75
		For Class 52 Rating, Deduct	*-746.44*	
		For Class 54 Rating, Add	*1,032.54*	
		For Class 55 Rating, Add	*1,542.57*	
		For Class 56 Rating, Add	*2,045.82*	
40 05 19 00-0222	EA	14" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,246.34	811.11
		For Class 52 Rating, Deduct	*-771.91*	
		For Class 54 Rating, Add	*1,067.35*	
		For Class 55 Rating, Add	*1,594.37*	
		For Class 56 Rating, Add	*2,114.37*	
40 05 19 00-0223	EA	14" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,484.51	815.48
		For Class 52 Rating, Deduct	*-797.38*	
		For Class 54 Rating, Add	*1,102.17*	
		For Class 55 Rating, Add	*1,646.17*	
		For Class 56 Rating, Add	*2,182.92*	
40 05 19 00-0224	EA	14" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,722.69	819.83
		For Class 52 Rating, Deduct	*-822.86*	
		For Class 54 Rating, Add	*1,136.98*	
		For Class 55 Rating, Add	*1,697.97*	
		For Class 56 Rating, Add	*2,251.47*	
40 05 19 00-0225	EA	14" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,960.87	824.20
		For Class 52 Rating, Deduct	*-848.33*	
		For Class 54 Rating, Add	*1,171.80*	
		For Class 55 Rating, Add	*1,749.77*	
		For Class 56 Rating, Add	*2,320.02*	
40 05 19 00-0226	EA	14" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,199.05	828.55
		For Class 52 Rating, Deduct	*-873.80*	
		For Class 54 Rating, Add	*1,206.61*	
		For Class 55 Rating, Add	*1,801.57*	
		For Class 56 Rating, Add	*2,388.57*	
40 05 19 00-0227	EA	14" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,437.23	832.92
		For Class 52 Rating, Deduct	*-899.28*	
		For Class 54 Rating, Add	*1,241.43*	
		For Class 55 Rating, Add	*1,853.36*	
		For Class 56 Rating, Add	*2,457.12*	
40 05 19 00-0228	EA	14" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,675.40	837.28
		For Class 52 Rating, Deduct	*-924.75*	
		For Class 54 Rating, Add	*1,276.24*	
		For Class 55 Rating, Add	*1,905.16*	
		For Class 56 Rating, Add	*2,525.68*	
40 05 19 00-0229	EA	14" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,913.58	841.64
		For Class 52 Rating, Deduct	*-950.22*	
		For Class 54 Rating, Add	*1,311.06*	
		For Class 55 Rating, Add	*1,956.96*	
		For Class 56 Rating, Add	*2,594.23*	
40 05 19 00-0230	EA	14" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,151.77	846.00
		For Class 52 Rating, Deduct	*-975.69*	
		For Class 54 Rating, Add	*1,345.87*	
		For Class 55 Rating, Add	*2,008.76*	
		For Class 56 Rating, Add	*2,662.78*	
40 05 19 00-0231	EA	14" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,389.95	850.36
		For Class 52 Rating, Deduct	*-1,001.17*	
		For Class 54 Rating, Add	*1,380.69*	
		For Class 55 Rating, Add	*2,060.56*	
		For Class 56 Rating, Add	*2,731.33*	
40 05 19 00-0232	EA	14" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,628.13	854.72
		For Class 52 Rating, Deduct	*-1,026.64*	
		For Class 54 Rating, Add	*1,415.50*	
		For Class 55 Rating, Add	*2,112.36*	
		For Class 56 Rating, Add	*2,799.88*	
40 05 19 00-0233	EA	14" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,866.29	859.08
		For Class 52 Rating, Deduct	*-1,052.11*	
		For Class 54 Rating, Add	*1,450.32*	
		For Class 55 Rating, Add	*2,164.16*	
		For Class 56 Rating, Add	*2,868.43*	
40 05 19 00-0234	EA	14" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,104.47	863.44
		For Class 52 Rating, Deduct	*-1,077.59*	
		For Class 54 Rating, Add	*1,485.13*	
		For Class 55 Rating, Add	*2,215.96*	
		For Class 56 Rating, Add	*2,936.98*	
40 05 19 00-0235	EA	14" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,342.65	867.80
		For Class 52 Rating, Deduct	*-1,103.06*	
		For Class 54 Rating, Add	*1,519.95*	
		For Class 55 Rating, Add	*2,267.76*	
		For Class 56 Rating, Add	*3,005.54*	
40 05 19 00-0236	EA	14" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,580.83	872.16
		For Class 52 Rating, Deduct	*-1,128.53*	
		For Class 54 Rating, Add	*1,554.76*	
		For Class 55 Rating, Add	*2,319.55*	
		For Class 56 Rating, Add	*3,074.09*	
40 05 19 00-0237	EA	14" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,819.00	876.52
		For Class 52 Rating, Deduct	*-1,154.00*	
		For Class 54 Rating, Add	*1,589.58*	
		For Class 55 Rating, Add	*2,371.35*	
		For Class 56 Rating, Add	*3,142.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0238	EA	14" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,057.18	880.89
		For Class 52 Rating, Deduct	*-1,179.48*	
		For Class 54 Rating, Add	*1,624.39*	
		For Class 55 Rating, Add	*2,423.15*	
		For Class 56 Rating, Add	*3,211.19*	
40 05 19 00-0239	EA	14" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,295.36	885.24
		For Class 52 Rating, Deduct	*-1,204.95*	
		For Class 54 Rating, Add	*1,659.21*	
		For Class 55 Rating, Add	*2,474.95*	
		For Class 56 Rating, Add	*3,279.74*	
40 05 19 00-0240	EA	14" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,533.54	889.61
		For Class 52 Rating, Deduct	*-1,230.42*	
		For Class 54 Rating, Add	*1,694.02*	
		For Class 55 Rating, Add	*2,526.75*	
		For Class 56 Rating, Add	*3,348.29*	
40 05 19 00-0241	EA	14" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,771.72	893.96
		For Class 52 Rating, Deduct	*-1,255.89*	
		For Class 54 Rating, Add	*1,728.84*	
		For Class 55 Rating, Add	*2,578.55*	
		For Class 56 Rating, Add	*3,416.84*	

40 05 19 00-0242 16" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0243	EA	16" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,645.89	837.28
		For Class 52 Rating, Deduct	*-371.50*	
		For Class 54 Rating, Add	*521.82*	
		For Class 55 Rating, Add	*783.58*	
		For Class 56 Rating, Add	*1,041.97*	
40 05 19 00-0244	EA	16" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,923.10	841.64
		For Class 52 Rating, Deduct	*-401.27*	
		For Class 54 Rating, Add	*562.49*	
		For Class 55 Rating, Add	*844.08*	
		For Class 56 Rating, Add	*1,122.04*	
40 05 19 00-0245	EA	16" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,200.31	846.00
		For Class 52 Rating, Deduct	*-431.03*	
		For Class 54 Rating, Add	*603.16*	
		For Class 55 Rating, Add	*904.59*	
		For Class 56 Rating, Add	*1,202.10*	
40 05 19 00-0246	EA	16" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,477.52	850.36
		For Class 52 Rating, Deduct	*-460.80*	
		For Class 54 Rating, Add	*643.82*	
		For Class 55 Rating, Add	*965.09*	
		For Class 56 Rating, Add	*1,282.17*	
40 05 19 00-0247	EA	16" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,754.73	854.72
		For Class 52 Rating, Deduct	*-490.57*	
		For Class 54 Rating, Add	*684.49*	
		For Class 55 Rating, Add	*1,025.59*	
		For Class 56 Rating, Add	*1,362.23*	
40 05 19 00-0248	EA	16" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,031.92	859.08
		For Class 52 Rating, Deduct	*-520.33*	
		For Class 54 Rating, Add	*725.16*	
		For Class 55 Rating, Add	*1,086.09*	
		For Class 56 Rating, Add	*1,442.29*	
40 05 19 00-0249	EA	16" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,309.13	863.44
		For Class 52 Rating, Deduct	*-550.10*	
		For Class 54 Rating, Add	*765.83*	
		For Class 55 Rating, Add	*1,146.60*	
		For Class 56 Rating, Add	*1,522.36*	
40 05 19 00-0250	EA	16" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,586.34	867.80
		For Class 52 Rating, Deduct	*-579.86*	
		For Class 54 Rating, Add	*806.50*	
		For Class 55 Rating, Add	*1,207.10*	
		For Class 56 Rating, Add	*1,602.42*	
40 05 19 00-0251	EA	16" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,863.55	872.16
		For Class 52 Rating, Deduct	*-609.63*	
		For Class 54 Rating, Add	*847.17*	
		For Class 55 Rating, Add	*1,267.60*	
		For Class 56 Rating, Add	*1,682.49*	
40 05 19 00-0252	EA	16" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,140.75	876.52
		For Class 52 Rating, Deduct	*-639.40*	
		For Class 54 Rating, Add	*887.84*	
		For Class 55 Rating, Add	*1,328.10*	
		For Class 56 Rating, Add	*1,762.55*	
40 05 19 00-0253	EA	16" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,417.96	880.89
		For Class 52 Rating, Deduct	*-669.16*	
		For Class 54 Rating, Add	*928.51*	
		For Class 55 Rating, Add	*1,388.61*	
		For Class 56 Rating, Add	*1,842.62*	
40 05 19 00-0254	EA	16" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,695.17	885.24
		For Class 52 Rating, Deduct	*-698.93*	
		For Class 54 Rating, Add	*969.18*	
		For Class 55 Rating, Add	*1,449.11*	
		For Class 56 Rating, Add	*1,922.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0255	EA	16" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,972.38	889.61
		For Class 52 Rating, Deduct	*-728.69*	
		For Class 54 Rating, Add	*1,009.85*	
		For Class 55 Rating, Add	*1,509.61*	
		For Class 56 Rating, Add	*2,002.75*	
40 05 19 00-0256	EA	16" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,249.59	893.96
		For Class 52 Rating, Deduct	*-758.46*	
		For Class 54 Rating, Add	*1,050.52*	
		For Class 55 Rating, Add	*1,570.11*	
		For Class 56 Rating, Add	*2,082.81*	
40 05 19 00-0257	EA	16" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,526.79	898.33
		For Class 52 Rating, Deduct	*-788.23*	
		For Class 54 Rating, Add	*1,091.19*	
		For Class 55 Rating, Add	*1,630.62*	
		For Class 56 Rating, Add	*2,162.88*	
40 05 19 00-0258	EA	16" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,804.00	902.69
		For Class 52 Rating, Deduct	*-817.99*	
		For Class 54 Rating, Add	*1,131.86*	
		For Class 55 Rating, Add	*1,691.12*	
		For Class 56 Rating, Add	*2,242.94*	
40 05 19 00-0259	EA	16" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,081.21	907.05
		For Class 52 Rating, Deduct	*-847.76*	
		For Class 54 Rating, Add	*1,172.53*	
		For Class 55 Rating, Add	*1,751.62*	
		For Class 56 Rating, Add	*2,323.01*	
40 05 19 00-0260	EA	16" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,358.42	911.41
		For Class 52 Rating, Deduct	*-877.52*	
		For Class 54 Rating, Add	*1,213.19*	
		For Class 55 Rating, Add	*1,812.12*	
		For Class 56 Rating, Add	*2,403.07*	
40 05 19 00-0261	EA	16" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,635.62	915.77
		For Class 52 Rating, Deduct	*-907.29*	
		For Class 54 Rating, Add	*1,253.86*	
		For Class 55 Rating, Add	*1,872.62*	
		For Class 56 Rating, Add	*2,483.14*	
40 05 19 00-0262	EA	16" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,912.83	920.13
		For Class 52 Rating, Deduct	*-937.06*	
		For Class 54 Rating, Add	*1,294.53*	
		For Class 55 Rating, Add	*1,933.13*	
		For Class 56 Rating, Add	*2,563.20*	
40 05 19 00-0263	EA	16" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,190.04	924.50
		For Class 52 Rating, Deduct	*-966.82*	
		For Class 54 Rating, Add	*1,335.20*	
		For Class 55 Rating, Add	*1,993.63*	
		For Class 56 Rating, Add	*2,643.27*	
40 05 19 00-0264	EA	16" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,467.25	928.85
		For Class 52 Rating, Deduct	*-996.59*	
		For Class 54 Rating, Add	*1,375.87*	
		For Class 55 Rating, Add	*2,054.13*	
		For Class 56 Rating, Add	*2,723.33*	
40 05 19 00-0265	EA	16" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,744.46	933.22
		For Class 52 Rating, Deduct	*-1,026.35*	
		For Class 54 Rating, Add	*1,416.54*	
		For Class 55 Rating, Add	*2,114.63*	
		For Class 56 Rating, Add	*2,803.40*	
40 05 19 00-0266	EA	16" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,021.64	937.57
		For Class 52 Rating, Deduct	*-1,056.12*	
		For Class 54 Rating, Add	*1,457.21*	
		For Class 55 Rating, Add	*2,175.13*	
		For Class 56 Rating, Add	*2,883.46*	
40 05 19 00-0267	EA	16" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,298.85	941.94
		For Class 52 Rating, Deduct	*-1,085.88*	
		For Class 54 Rating, Add	*1,497.88*	
		For Class 55 Rating, Add	*2,235.64*	
		For Class 56 Rating, Add	*2,963.52*	
40 05 19 00-0268	EA	16" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,576.06	946.30
		For Class 52 Rating, Deduct	*-1,115.65*	
		For Class 54 Rating, Add	*1,538.55*	
		For Class 55 Rating, Add	*2,296.14*	
		For Class 56 Rating, Add	*3,043.59*	
40 05 19 00-0269	EA	16" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,853.27	950.66
		For Class 52 Rating, Deduct	*-1,145.42*	
		For Class 54 Rating, Add	*1,579.22*	
		For Class 55 Rating, Add	*2,356.64*	
		For Class 56 Rating, Add	*3,123.65*	
40 05 19 00-0270	EA	16" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,130.48	955.02
		For Class 52 Rating, Deduct	*-1,175.18*	
		For Class 54 Rating, Add	*1,619.89*	
		For Class 55 Rating, Add	*2,417.14*	
		For Class 56 Rating, Add	*3,203.72*	
40 05 19 00-0271	EA	16" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,407.68	959.38
		For Class 52 Rating, Deduct	*-1,204.95*	
		For Class 54 Rating, Add	*1,660.56*	
		For Class 55 Rating, Add	*2,477.65*	
		For Class 56 Rating, Add	*3,283.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0272	EA	16" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,684.89	963.74
		For Class 52 Rating, Deduct	*-1,234.71*	
		For Class 54 Rating, Add	*1,701.22*	
		For Class 55 Rating, Add	*2,538.15*	
		For Class 56 Rating, Add	*3,363.85*	
40 05 19 00-0273	EA	16" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,962.10	968.11
		For Class 52 Rating, Deduct	*-1,264.48*	
		For Class 54 Rating, Add	*1,741.89*	
		For Class 55 Rating, Add	*2,598.65*	
		For Class 56 Rating, Add	*3,443.91*	
40 05 19 00-0274	EA	16" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,239.31	972.46
		For Class 52 Rating, Deduct	*-1,294.25*	
		For Class 54 Rating, Add	*1,782.56*	
		For Class 55 Rating, Add	*2,659.15*	
		For Class 56 Rating, Add	*3,523.98*	
40 05 19 00-0275	EA	16" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,516.51	976.83
		For Class 52 Rating, Deduct	*-1,324.01*	
		For Class 54 Rating, Add	*1,823.23*	
		For Class 55 Rating, Add	*2,719.66*	
		For Class 56 Rating, Add	*3,604.04*	
40 05 19 00-0276	EA	16" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,793.72	981.18
		For Class 52 Rating, Deduct	*-1,353.78*	
		For Class 54 Rating, Add	*1,863.90*	
		For Class 55 Rating, Add	*2,780.16*	
		For Class 56 Rating, Add	*3,684.11*	
40 05 19 00-0277	EA	16" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,070.93	985.55
		For Class 52 Rating, Deduct	*-1,383.54*	
		For Class 54 Rating, Add	*1,904.57*	
		For Class 55 Rating, Add	*2,840.66*	
		For Class 56 Rating, Add	*3,764.17*	
40 05 19 00-0278	EA	16" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,348.14	989.91
		For Class 52 Rating, Deduct	*-1,413.31*	
		For Class 54 Rating, Add	*1,945.24*	
		For Class 55 Rating, Add	*2,901.16*	
		For Class 56 Rating, Add	*3,844.24*	
40 05 19 00-0279	EA	16" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,625.35	994.27
		For Class 52 Rating, Deduct	*-1,443.08*	
		For Class 54 Rating, Add	*1,985.91*	
		For Class 55 Rating, Add	*2,961.67*	
		For Class 56 Rating, Add	*3,924.30*	
40 05 19 00-0280	EA	16" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,902.55	998.63
		For Class 52 Rating, Deduct	*-1,472.84*	
		For Class 54 Rating, Add	*2,026.58*	
		For Class 55 Rating, Add	*3,022.17*	
		For Class 56 Rating, Add	*4,004.37*	

40 05 19 00-0281 18" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0282	EA	18" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,410.76	943.68
		For Class 52 Rating, Deduct	*-437.90*	
		For Class 54 Rating, Add	*614.30*	
		For Class 55 Rating, Add	*922.07*	
		For Class 56 Rating, Add	*1,225.85*	
40 05 19 00-0283	EA	18" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,729.59	948.04
		For Class 52 Rating, Deduct	*-472.25*	
		For Class 54 Rating, Add	*661.21*	
		For Class 55 Rating, Add	*991.85*	
		For Class 56 Rating, Add	*1,318.20*	
40 05 19 00-0284	EA	18" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,048.43	952.41
		For Class 52 Rating, Deduct	*-506.59*	
		For Class 54 Rating, Add	*708.13*	
		For Class 55 Rating, Add	*1,061.64*	
		For Class 56 Rating, Add	*1,410.54*	
40 05 19 00-0285	EA	18" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,367.27	956.76
		For Class 52 Rating, Deduct	*-540.94*	
		For Class 54 Rating, Add	*755.04*	
		For Class 55 Rating, Add	*1,131.42*	
		For Class 56 Rating, Add	*1,502.89*	
40 05 19 00-0286	EA	18" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,686.11	961.13
		For Class 52 Rating, Deduct	*-575.28*	
		For Class 54 Rating, Add	*801.95*	
		For Class 55 Rating, Add	*1,201.21*	
		For Class 56 Rating, Add	*1,595.23*	
40 05 19 00-0287	EA	18" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,004.95	965.48
		For Class 52 Rating, Deduct	*-609.63*	
		For Class 54 Rating, Add	*848.87*	
		For Class 55 Rating, Add	*1,270.99*	
		For Class 56 Rating, Add	*1,687.58*	
40 05 19 00-0288	EA	18" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,323.78	969.85
		For Class 52 Rating, Deduct	*-643.98*	
		For Class 54 Rating, Add	*895.78*	
		For Class 55 Rating, Add	*1,340.78*	
		For Class 56 Rating, Add	*1,779.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0289	EA	18" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,642.62	974.21
		For Class 52 Rating, Deduct	*-678.32*	
		For Class 54 Rating, Add	*942.70*	
		For Class 55 Rating, Add	*1,410.57*	
		For Class 56 Rating, Add	*1,872.27*	
40 05 19 00-0290	EA	18" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,961.46	978.57
		For Class 52 Rating, Deduct	*-712.67*	
		For Class 54 Rating, Add	*989.61*	
		For Class 55 Rating, Add	*1,480.35*	
		For Class 56 Rating, Add	*1,964.62*	
40 05 19 00-0291	EA	18" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,280.30	982.93
		For Class 52 Rating, Deduct	*-747.01*	
		For Class 54 Rating, Add	*1,036.52*	
		For Class 55 Rating, Add	*1,550.14*	
		For Class 56 Rating, Add	*2,056.96*	
40 05 19 00-0292	EA	18" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,599.14	987.29
		For Class 52 Rating, Deduct	*-781.36*	
		For Class 54 Rating, Add	*1,083.44*	
		For Class 55 Rating, Add	*1,619.92*	
		For Class 56 Rating, Add	*2,149.31*	
40 05 19 00-0293	EA	18" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,917.97	991.65
		For Class 52 Rating, Deduct	*-815.70*	
		For Class 54 Rating, Add	*1,130.35*	
		For Class 55 Rating, Add	*1,689.71*	
		For Class 56 Rating, Add	*2,241.65*	
40 05 19 00-0294	EA	18" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,236.81	996.02
		For Class 52 Rating, Deduct	*-850.05*	
		For Class 54 Rating, Add	*1,177.26*	
		For Class 55 Rating, Add	*1,759.50*	
		For Class 56 Rating, Add	*2,334.00*	
40 05 19 00-0295	EA	18" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,555.65	1,000.37
		For Class 52 Rating, Deduct	*-884.39*	
		For Class 54 Rating, Add	*1,224.18*	
		For Class 55 Rating, Add	*1,829.28*	
		For Class 56 Rating, Add	*2,426.35*	
40 05 19 00-0296	EA	18" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,874.48	1,004.73
		For Class 52 Rating, Deduct	*-918.74*	
		For Class 54 Rating, Add	*1,271.09*	
		For Class 55 Rating, Add	*1,899.07*	
		For Class 56 Rating, Add	*2,518.69*	
40 05 19 00-0297	EA	18" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,193.31	1,009.09
		For Class 52 Rating, Deduct	*-953.08*	
		For Class 54 Rating, Add	*1,318.01*	
		For Class 55 Rating, Add	*1,968.85*	
		For Class 56 Rating, Add	*2,611.04*	
40 05 19 00-0298	EA	18" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,512.15	1,013.45
		For Class 52 Rating, Deduct	*-987.43*	
		For Class 54 Rating, Add	*1,364.92*	
		For Class 55 Rating, Add	*2,038.64*	
		For Class 56 Rating, Add	*2,703.38*	
40 05 19 00-0299	EA	18" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,830.99	1,017.82
		For Class 52 Rating, Deduct	*-1,021.77*	
		For Class 54 Rating, Add	*1,411.83*	
		For Class 55 Rating, Add	*2,108.42*	
		For Class 56 Rating, Add	*2,795.73*	
40 05 19 00-0300	EA	18" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,149.83	1,022.17
		For Class 52 Rating, Deduct	*-1,056.12*	
		For Class 54 Rating, Add	*1,458.75*	
		For Class 55 Rating, Add	*2,178.21*	
		For Class 56 Rating, Add	*2,888.07*	
40 05 19 00-0301	EA	18" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,468.68	1,026.54
		For Class 52 Rating, Deduct	*-1,090.47*	
		For Class 54 Rating, Add	*1,505.66*	
		For Class 55 Rating, Add	*2,248.00*	
		For Class 56 Rating, Add	*2,980.42*	
40 05 19 00-0302	EA	18" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,787.51	1,030.89
		For Class 52 Rating, Deduct	*-1,124.81*	
		For Class 54 Rating, Add	*1,552.58*	
		For Class 55 Rating, Add	*2,317.78*	
		For Class 56 Rating, Add	*3,072.77*	
40 05 19 00-0303	EA	18" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,106.35	1,035.26
		For Class 52 Rating, Deduct	*-1,159.16*	
		For Class 54 Rating, Add	*1,599.49*	
		For Class 55 Rating, Add	*2,387.57*	
		For Class 56 Rating, Add	*3,165.11*	
40 05 19 00-0304	EA	18" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,425.19	1,039.62
		For Class 52 Rating, Deduct	*-1,193.50*	
		For Class 54 Rating, Add	*1,646.40*	
		For Class 55 Rating, Add	*2,457.36*	
		For Class 56 Rating, Add	*3,257.46*	
40 05 19 00-0305	EA	18" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,744.03	1,043.98
		For Class 52 Rating, Deduct	*-1,227.85*	
		For Class 54 Rating, Add	*1,693.32*	
		For Class 55 Rating, Add	*2,527.14*	
		For Class 56 Rating, Add	*3,349.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0306	EA	18" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,062.87	1,048.34
		For Class 52 Rating, Deduct	*-1,262.19*	
		For Class 54 Rating, Add	*1,740.23*	
		For Class 55 Rating, Add	*2,596.93*	
		For Class 56 Rating, Add	*3,442.15*	
40 05 19 00-0307	EA	18" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,381.70	1,052.70
		For Class 52 Rating, Deduct	*-1,296.54*	
		For Class 54 Rating, Add	*1,787.15*	
		For Class 55 Rating, Add	*2,666.71*	
		For Class 56 Rating, Add	*3,534.50*	
40 05 19 00-0308	EA	18" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,700.54	1,057.06
		For Class 52 Rating, Deduct	*-1,330.88*	
		For Class 54 Rating, Add	*1,834.06*	
		For Class 55 Rating, Add	*2,736.50*	
		For Class 56 Rating, Add	*3,626.84*	
40 05 19 00-0309	EA	18" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,019.38	1,061.42
		For Class 52 Rating, Deduct	*-1,365.23*	
		For Class 54 Rating, Add	*1,880.97*	
		For Class 55 Rating, Add	*2,806.29*	
		For Class 56 Rating, Add	*3,719.19*	
40 05 19 00-0310	EA	18" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,338.22	1,065.78
		For Class 52 Rating, Deduct	*-1,399.57*	
		For Class 54 Rating, Add	*1,927.89*	
		For Class 55 Rating, Add	*2,876.07*	
		For Class 56 Rating, Add	*3,811.53*	
40 05 19 00-0311	EA	18" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,657.05	1,070.15
		For Class 52 Rating, Deduct	*-1,433.92*	
		For Class 54 Rating, Add	*1,974.80*	
		For Class 55 Rating, Add	*2,945.86*	
		For Class 56 Rating, Add	*3,903.88*	
40 05 19 00-0312	EA	18" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,975.89	1,074.50
		For Class 52 Rating, Deduct	*-1,468.26*	
		For Class 54 Rating, Add	*2,021.71*	
		For Class 55 Rating, Add	*3,015.64*	
		For Class 56 Rating, Add	*3,996.23*	
40 05 19 00-0313	EA	18" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,294.73	1,078.87
		For Class 52 Rating, Deduct	*-1,502.61*	
		For Class 54 Rating, Add	*2,068.63*	
		For Class 55 Rating, Add	*3,085.43*	
		For Class 56 Rating, Add	*4,088.57*	
40 05 19 00-0314	EA	18" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,613.57	1,083.22
		For Class 52 Rating, Deduct	*-1,536.95*	
		For Class 54 Rating, Add	*2,115.54*	
		For Class 55 Rating, Add	*3,155.22*	
		For Class 56 Rating, Add	*4,180.92*	
40 05 19 00-0315	EA	18" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,932.40	1,087.59
		For Class 52 Rating, Deduct	*-1,571.30*	
		For Class 54 Rating, Add	*2,162.46*	
		For Class 55 Rating, Add	*3,225.00*	
		For Class 56 Rating, Add	*4,273.26*	
40 05 19 00-0316	EA	18" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,251.23	1,091.95
		For Class 52 Rating, Deduct	*-1,605.64*	
		For Class 54 Rating, Add	*2,209.37*	
		For Class 55 Rating, Add	*3,294.79*	
		For Class 56 Rating, Add	*4,365.61*	
40 05 19 00-0317	EA	18" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,570.07	1,096.31
		For Class 52 Rating, Deduct	*-1,639.99*	
		For Class 54 Rating, Add	*2,256.28*	
		For Class 55 Rating, Add	*3,364.57*	
		For Class 56 Rating, Add	*4,457.95*	
40 05 19 00-0318	EA	18" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,888.91	1,100.67
		For Class 52 Rating, Deduct	*-1,674.34*	
		For Class 54 Rating, Add	*2,303.20*	
		For Class 55 Rating, Add	*3,434.36*	
		For Class 56 Rating, Add	*4,550.30*	
40 05 19 00-0319	EA	18" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,207.75	1,105.03
		For Class 52 Rating, Deduct	*-1,708.68*	
		For Class 54 Rating, Add	*2,350.11*	
		For Class 55 Rating, Add	*3,504.14*	
		For Class 56 Rating, Add	*4,642.65*	
40 05 19 00-0320		20" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*		
40 05 19 00-0321	EA	20" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,338.87	1,077.12
		For Class 52 Rating, Deduct	*-517.76*	
		For Class 54 Rating, Add	*725.61*	
		For Class 55 Rating, Add	*1,088.80*	
		For Class 56 Rating, Add	*1,447.28*	
40 05 19 00-0322	EA	20" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,704.55	1,081.48
		For Class 52 Rating, Deduct	*-557.25*	
		For Class 54 Rating, Add	*779.55*	
		For Class 55 Rating, Add	*1,169.03*	
		For Class 56 Rating, Add	*1,553.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0323	EA	20" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,070.22	1,085.85
		For Class 52 Rating, Deduct	*-596.75*	
		For Class 54 Rating, Add	*833.49*	
		For Class 55 Rating, Add	*1,249.26*	
		For Class 56 Rating, Add	*1,659.60*	
40 05 19 00-0324	EA	20" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,435.90	1,090.20
		For Class 52 Rating, Deduct	*-636.25*	
		For Class 54 Rating, Add	*887.43*	
		For Class 55 Rating, Add	*1,329.49*	
		For Class 56 Rating, Add	*1,765.77*	
40 05 19 00-0325	EA	20" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,801.57	1,094.57
		For Class 52 Rating, Deduct	*-675.74*	
		For Class 54 Rating, Add	*941.37*	
		For Class 55 Rating, Add	*1,409.72*	
		For Class 56 Rating, Add	*1,871.93*	
40 05 19 00-0326	EA	20" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,167.24	1,098.92
		For Class 52 Rating, Deduct	*-715.24*	
		For Class 54 Rating, Add	*995.31*	
		For Class 55 Rating, Add	*1,489.95*	
		For Class 56 Rating, Add	*1,978.09*	
40 05 19 00-0327	EA	20" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,532.90	1,103.29
		For Class 52 Rating, Deduct	*-754.74*	
		For Class 54 Rating, Add	*1,049.25*	
		For Class 55 Rating, Add	*1,570.18*	
		For Class 56 Rating, Add	*2,084.25*	
40 05 19 00-0328	EA	20" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,898.58	1,107.65
		For Class 52 Rating, Deduct	*-794.24*	
		For Class 54 Rating, Add	*1,103.19*	
		For Class 55 Rating, Add	*1,650.41*	
		For Class 56 Rating, Add	*2,190.41*	
40 05 19 00-0329	EA	20" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,264.25	1,112.01
		For Class 52 Rating, Deduct	*-833.73*	
		For Class 54 Rating, Add	*1,157.13*	
		For Class 55 Rating, Add	*1,730.64*	
		For Class 56 Rating, Add	*2,296.58*	
40 05 19 00-0330	EA	20" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,629.93	1,116.37
		For Class 52 Rating, Deduct	*-873.23*	
		For Class 54 Rating, Add	*1,211.07*	
		For Class 55 Rating, Add	*1,810.87*	
		For Class 56 Rating, Add	*2,402.74*	
40 05 19 00-0331	EA	20" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,995.59	1,120.73
		For Class 52 Rating, Deduct	*-912.73*	
		For Class 54 Rating, Add	*1,265.00*	
		For Class 55 Rating, Add	*1,891.10*	
		For Class 56 Rating, Add	*2,508.90*	
40 05 19 00-0332	EA	20" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,361.27	1,125.09
		For Class 52 Rating, Deduct	*-952.22*	
		For Class 54 Rating, Add	*1,318.94*	
		For Class 55 Rating, Add	*1,971.33*	
		For Class 56 Rating, Add	*2,615.06*	
40 05 19 00-0333	EA	20" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,726.94	1,129.46
		For Class 52 Rating, Deduct	*-991.72*	
		For Class 54 Rating, Add	*1,372.88*	
		For Class 55 Rating, Add	*2,051.56*	
		For Class 56 Rating, Add	*2,721.22*	
40 05 19 00-0334	EA	20" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,092.62	1,133.81
		For Class 52 Rating, Deduct	*-1,031.22*	
		For Class 54 Rating, Add	*1,426.82*	
		For Class 55 Rating, Add	*2,131.79*	
		For Class 56 Rating, Add	*2,827.39*	
40 05 19 00-0335	EA	20" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,458.28	1,138.18
		For Class 52 Rating, Deduct	*-1,070.72*	
		For Class 54 Rating, Add	*1,480.76*	
		For Class 55 Rating, Add	*2,212.02*	
		For Class 56 Rating, Add	*2,933.55*	
40 05 19 00-0336	EA	20" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,823.96	1,142.53
		For Class 52 Rating, Deduct	*-1,110.21*	
		For Class 54 Rating, Add	*1,534.70*	
		For Class 55 Rating, Add	*2,292.25*	
		For Class 56 Rating, Add	*3,039.71*	
40 05 19 00-0337	EA	20" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,189.63	1,146.89
		For Class 52 Rating, Deduct	*-1,149.71*	
		For Class 54 Rating, Add	*1,588.64*	
		For Class 55 Rating, Add	*2,372.48*	
		For Class 56 Rating, Add	*3,145.87*	
40 05 19 00-0338	EA	20" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,555.31	1,151.26
		For Class 52 Rating, Deduct	*-1,189.21*	
		For Class 54 Rating, Add	*1,642.58*	
		For Class 55 Rating, Add	*2,452.71*	
		For Class 56 Rating, Add	*3,252.03*	
40 05 19 00-0339	EA	20" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,920.98	1,155.61
		For Class 52 Rating, Deduct	*-1,228.70*	
		For Class 54 Rating, Add	*1,696.52*	
		For Class 55 Rating, Add	*2,532.94*	
		For Class 56 Rating, Add	*3,358.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0340	EA	20" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,286.65	1,159.98
		For Class 52 Rating, Deduct	*-1,268.20*	
		For Class 54 Rating, Add	*1,750.46*	
		For Class 55 Rating, Add	*2,613.17*	
		For Class 56 Rating, Add	*3,464.36*	
40 05 19 00-0341	EA	20" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,652.32	1,164.33
		For Class 52 Rating, Deduct	*-1,307.70*	
		For Class 54 Rating, Add	*1,804.40*	
		For Class 55 Rating, Add	*2,693.40*	
		For Class 56 Rating, Add	*3,570.52*	
40 05 19 00-0342	EA	20" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,018.00	1,168.70
		For Class 52 Rating, Deduct	*-1,347.20*	
		For Class 54 Rating, Add	*1,858.34*	
		For Class 55 Rating, Add	*2,773.63*	
		For Class 56 Rating, Add	*3,676.68*	
40 05 19 00-0343	EA	20" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,383.67	1,173.06
		For Class 52 Rating, Deduct	*-1,386.69*	
		For Class 54 Rating, Add	*1,912.27*	
		For Class 55 Rating, Add	*2,853.86*	
		For Class 56 Rating, Add	*3,782.84*	
40 05 19 00-0344	EA	20" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,749.34	1,177.42
		For Class 52 Rating, Deduct	*-1,426.19*	
		For Class 54 Rating, Add	*1,966.21*	
		For Class 55 Rating, Add	*2,934.09*	
		For Class 56 Rating, Add	*3,889.01*	
40 05 19 00-0345	EA	20" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,115.01	1,181.78
		For Class 52 Rating, Deduct	*-1,465.69*	
		For Class 54 Rating, Add	*2,020.15*	
		For Class 55 Rating, Add	*3,014.32*	
		For Class 56 Rating, Add	*3,995.17*	
40 05 19 00-0346	EA	20" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,480.68	1,186.14
		For Class 52 Rating, Deduct	*-1,505.19*	
		For Class 54 Rating, Add	*2,074.09*	
		For Class 55 Rating, Add	*3,094.55*	
		For Class 56 Rating, Add	*4,101.33*	
40 05 19 00-0347	EA	20" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,846.35	1,190.50
		For Class 52 Rating, Deduct	*-1,544.68*	
		For Class 54 Rating, Add	*2,128.03*	
		For Class 55 Rating, Add	*3,174.78*	
		For Class 56 Rating, Add	*4,207.49*	
40 05 19 00-0348	EA	20" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,212.03	1,194.87
		For Class 52 Rating, Deduct	*-1,584.18*	
		For Class 54 Rating, Add	*2,181.97*	
		For Class 55 Rating, Add	*3,255.01*	
		For Class 56 Rating, Add	*4,313.66*	
40 05 19 00-0349	EA	20" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,577.69	1,199.22
		For Class 52 Rating, Deduct	*-1,623.68*	
		For Class 54 Rating, Add	*2,235.91*	
		For Class 55 Rating, Add	*3,335.24*	
		For Class 56 Rating, Add	*4,419.82*	
40 05 19 00-0350	EA	20" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,943.37	1,203.59
		For Class 52 Rating, Deduct	*-1,663.17*	
		For Class 54 Rating, Add	*2,289.85*	
		For Class 55 Rating, Add	*3,415.47*	
		For Class 56 Rating, Add	*4,525.98*	
40 05 19 00-0351	EA	20" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,309.04	1,207.94
		For Class 52 Rating, Deduct	*-1,702.67*	
		For Class 54 Rating, Add	*2,343.79*	
		For Class 55 Rating, Add	*3,495.70*	
		For Class 56 Rating, Add	*4,632.14*	
40 05 19 00-0352	EA	20" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,674.72	1,212.31
		For Class 52 Rating, Deduct	*-1,742.17*	
		For Class 54 Rating, Add	*2,397.73*	
		For Class 55 Rating, Add	*3,575.93*	
		For Class 56 Rating, Add	*4,738.30*	
40 05 19 00-0353	EA	20" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,040.39	1,216.67
		For Class 52 Rating, Deduct	*-1,781.66*	
		For Class 54 Rating, Add	*2,451.66*	
		For Class 55 Rating, Add	*3,656.16*	
		For Class 56 Rating, Add	*4,844.46*	
40 05 19 00-0354	EA	20" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,406.06	1,221.03
		For Class 52 Rating, Deduct	*-1,821.16*	
		For Class 54 Rating, Add	*2,505.60*	
		For Class 55 Rating, Add	*3,736.39*	
		For Class 56 Rating, Add	*4,950.63*	
40 05 19 00-0355	EA	20" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,771.73	1,225.39
		For Class 52 Rating, Deduct	*-1,860.66*	
		For Class 54 Rating, Add	*2,559.54*	
		For Class 55 Rating, Add	*3,816.62*	
		For Class 56 Rating, Add	*5,056.79*	
40 05 19 00-0356	EA	20" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,137.41	1,229.75
		For Class 52 Rating, Deduct	*-1,900.16*	
		For Class 54 Rating, Add	*2,613.48*	
		For Class 55 Rating, Add	*3,896.85*	
		For Class 56 Rating, Add	*5,162.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0357	EA	20" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,503.08	1,234.11
		For Class 52 Rating, Deduct	*-1,939.65*	
		For Class 54 Rating, Add	*2,667.42*	
		For Class 55 Rating, Add	*3,977.08*	
		For Class 56 Rating, Add	*5,269.11*	
40 05 19 00-0358	EA	20" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,868.75	1,238.48
		For Class 52 Rating, Deduct	*-1,979.15*	
		For Class 54 Rating, Add	*2,721.36*	
		For Class 55 Rating, Add	*4,057.31*	
		For Class 56 Rating, Add	*5,375.28*	
40 05 19 00-0359		24" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*		
40 05 19 00-0360	EA	24" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,804.47	1,273.36
		For Class 52 Rating, Deduct	*-646.27*	
		For Class 54 Rating, Add	*904.42*	
		For Class 55 Rating, Add	*1,356.46*	
		For Class 56 Rating, Add	*1,802.62*	
40 05 19 00-0361	EA	24" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,256.00	1,277.72
		For Class 52 Rating, Deduct	*-695.21*	
		For Class 54 Rating, Add	*971.24*	
		For Class 55 Rating, Add	*1,455.84*	
		For Class 56 Rating, Add	*1,934.11*	
40 05 19 00-0362	EA	24" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,707.53	1,282.08
		For Class 52 Rating, Deduct	*-744.15*	
		For Class 54 Rating, Add	*1,038.06*	
		For Class 55 Rating, Add	*1,555.21*	
		For Class 56 Rating, Add	*2,065.60*	
40 05 19 00-0363	EA	24" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,159.07	1,286.44
		For Class 52 Rating, Deduct	*-793.09*	
		For Class 54 Rating, Add	*1,104.88*	
		For Class 55 Rating, Add	*1,654.59*	
		For Class 56 Rating, Add	*2,197.10*	
40 05 19 00-0364	EA	24" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,610.61	1,290.80
		For Class 52 Rating, Deduct	*-842.03*	
		For Class 54 Rating, Add	*1,171.70*	
		For Class 55 Rating, Add	*1,753.97*	
		For Class 56 Rating, Add	*2,328.59*	
40 05 19 00-0365	EA	24" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,062.15	1,295.16
		For Class 52 Rating, Deduct	*-890.98*	
		For Class 54 Rating, Add	*1,238.52*	
		For Class 55 Rating, Add	*1,853.35*	
		For Class 56 Rating, Add	*2,460.08*	
40 05 19 00-0366	EA	24" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,513.68	1,299.52
		For Class 52 Rating, Deduct	*-939.92*	
		For Class 54 Rating, Add	*1,305.33*	
		For Class 55 Rating, Add	*1,952.73*	
		For Class 56 Rating, Add	*2,591.57*	
40 05 19 00-0367	EA	24" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,965.21	1,303.88
		For Class 52 Rating, Deduct	*-988.86*	
		For Class 54 Rating, Add	*1,372.15*	
		For Class 55 Rating, Add	*2,052.10*	
		For Class 56 Rating, Add	*2,723.06*	
40 05 19 00-0368	EA	24" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,416.75	1,308.24
		For Class 52 Rating, Deduct	*-1,037.80*	
		For Class 54 Rating, Add	*1,438.97*	
		For Class 55 Rating, Add	*2,151.48*	
		For Class 56 Rating, Add	*2,854.55*	
40 05 19 00-0369	EA	24" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,868.29	1,312.61
		For Class 52 Rating, Deduct	*-1,086.74*	
		For Class 54 Rating, Add	*1,505.79*	
		For Class 55 Rating, Add	*2,250.86*	
		For Class 56 Rating, Add	*2,986.05*	
40 05 19 00-0370	EA	24" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,319.83	1,316.96
		For Class 52 Rating, Deduct	*-1,135.69*	
		For Class 54 Rating, Add	*1,572.61*	
		For Class 55 Rating, Add	*2,350.24*	
		For Class 56 Rating, Add	*3,117.54*	
40 05 19 00-0371	EA	24" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,771.36	1,321.33
		For Class 52 Rating, Deduct	*-1,184.63*	
		For Class 54 Rating, Add	*1,639.43*	
		For Class 55 Rating, Add	*2,449.61*	
		For Class 56 Rating, Add	*3,249.03*	
40 05 19 00-0372	EA	24" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,222.90	1,325.68
		For Class 52 Rating, Deduct	*-1,233.57*	
		For Class 54 Rating, Add	*1,706.25*	
		For Class 55 Rating, Add	*2,548.99*	
		For Class 56 Rating, Add	*3,380.52*	
40 05 19 00-0373	EA	24" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,674.43	1,330.05
		For Class 52 Rating, Deduct	*-1,282.51*	
		For Class 54 Rating, Add	*1,773.06*	
		For Class 55 Rating, Add	*2,648.37*	
		For Class 56 Rating, Add	*3,512.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0374	EA	24" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,125.97	1,334.41
		For Class 52 Rating, Deduct	*-1,331.45*	
		For Class 54 Rating, Add	*1,839.88*	
		For Class 55 Rating, Add	*2,747.75*	
		For Class 56 Rating, Add	*3,643.50*	
40 05 19 00-0375	EA	24" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,577.50	1,338.77
		For Class 52 Rating, Deduct	*-1,380.40*	
		For Class 54 Rating, Add	*1,906.70*	
		For Class 55 Rating, Add	*2,847.12*	
		For Class 56 Rating, Add	*3,775.00*	
40 05 19 00-0376	EA	24" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,029.04	1,343.13
		For Class 52 Rating, Deduct	*-1,429.34*	
		For Class 54 Rating, Add	*1,973.52*	
		For Class 55 Rating, Add	*2,946.50*	
		For Class 56 Rating, Add	*3,906.49*	
40 05 19 00-0377	EA	24" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,480.57	1,347.49
		For Class 52 Rating, Deduct	*-1,478.28*	
		For Class 54 Rating, Add	*2,040.34*	
		For Class 55 Rating, Add	*3,045.88*	
		For Class 56 Rating, Add	*4,037.98*	
40 05 19 00-0378	EA	24" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,932.11	1,351.85
		For Class 52 Rating, Deduct	*-1,527.22*	
		For Class 54 Rating, Add	*2,107.16*	
		For Class 55 Rating, Add	*3,145.26*	
		For Class 56 Rating, Add	*4,169.47*	
40 05 19 00-0379	EA	24" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,383.64	1,356.22
		For Class 52 Rating, Deduct	*-1,576.16*	
		For Class 54 Rating, Add	*2,173.97*	
		For Class 55 Rating, Add	*3,244.63*	
		For Class 56 Rating, Add	*4,300.96*	
40 05 19 00-0380	EA	24" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,835.17	1,360.57
		For Class 52 Rating, Deduct	*-1,625.11*	
		For Class 54 Rating, Add	*2,240.79*	
		For Class 55 Rating, Add	*3,344.01*	
		For Class 56 Rating, Add	*4,432.45*	
40 05 19 00-0381	EA	24" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,286.71	1,364.94
		For Class 52 Rating, Deduct	*-1,674.05*	
		For Class 54 Rating, Add	*2,307.61*	
		For Class 55 Rating, Add	*3,443.39*	
		For Class 56 Rating, Add	*4,563.95*	
40 05 19 00-0382	EA	24" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,738.25	1,369.29
		For Class 52 Rating, Deduct	*-1,722.99*	
		For Class 54 Rating, Add	*2,374.43*	
		For Class 55 Rating, Add	*3,542.77*	
		For Class 56 Rating, Add	*4,695.44*	
40 05 19 00-0383	EA	24" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,189.79	1,373.66
		For Class 52 Rating, Deduct	*-1,771.93*	
		For Class 54 Rating, Add	*2,441.25*	
		For Class 55 Rating, Add	*3,642.14*	
		For Class 56 Rating, Add	*4,826.93*	
40 05 19 00-0384	EA	24" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,641.33	1,378.02
		For Class 52 Rating, Deduct	*-1,820.88*	
		For Class 54 Rating, Add	*2,508.07*	
		For Class 55 Rating, Add	*3,741.52*	
		For Class 56 Rating, Add	*4,958.42*	
40 05 19 00-0385	EA	24" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,092.85	1,382.38
		For Class 52 Rating, Deduct	*-1,869.82*	
		For Class 54 Rating, Add	*2,574.89*	
		For Class 55 Rating, Add	*3,840.90*	
		For Class 56 Rating, Add	*5,089.91*	
40 05 19 00-0386	EA	24" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,544.39	1,386.74
		For Class 52 Rating, Deduct	*-1,918.76*	
		For Class 54 Rating, Add	*2,641.70*	
		For Class 55 Rating, Add	*3,940.28*	
		For Class 56 Rating, Add	*5,221.40*	
40 05 19 00-0387	EA	24" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,995.93	1,391.10
		For Class 52 Rating, Deduct	*-1,967.70*	
		For Class 54 Rating, Add	*2,708.52*	
		For Class 55 Rating, Add	*4,039.65*	
		For Class 56 Rating, Add	*5,352.90*	
40 05 19 00-0388	EA	24" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,447.47	1,395.46
		For Class 52 Rating, Deduct	*-2,016.64*	
		For Class 54 Rating, Add	*2,775.34*	
		For Class 55 Rating, Add	*4,139.03*	
		For Class 56 Rating, Add	*5,484.39*	
40 05 19 00-0389	EA	24" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,011.33	1,473.96
		For Class 52 Rating, Deduct	*-2,065.59*	
		For Class 54 Rating, Add	*2,843.51*	
		For Class 55 Rating, Add	*4,241.11*	
		For Class 56 Rating, Add	*5,619.93*	
40 05 19 00-0390	EA	24" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,462.86	1,478.31
		For Class 52 Rating, Deduct	*-2,114.53*	
		For Class 54 Rating, Add	*2,910.33*	
		For Class 55 Rating, Add	*4,340.48*	
		For Class 56 Rating, Add	*5,751.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0391	EA	24" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,914.39	1,482.68
		For Class 52 Rating, Deduct	*-2,163.47*	
		For Class 54 Rating, Add	*2,977.14*	
		For Class 55 Rating, Add	*4,439.86*	
		For Class 56 Rating, Add	*5,882.91*	
40 05 19 00-0392	EA	24" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,365.93	1,487.04
		For Class 52 Rating, Deduct	*-2,212.41*	
		For Class 54 Rating, Add	*3,043.96*	
		For Class 55 Rating, Add	*4,539.24*	
		For Class 56 Rating, Add	*6,014.40*	
40 05 19 00-0393	EA	24" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,817.47	1,491.40
		For Class 52 Rating, Deduct	*-2,261.35*	
		For Class 54 Rating, Add	*3,110.78*	
		For Class 55 Rating, Add	*4,638.62*	
		For Class 56 Rating, Add	*6,145.89*	
40 05 19 00-0394	EA	24" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,269.01	1,495.76
		For Class 52 Rating, Deduct	*-2,310.30*	
		For Class 54 Rating, Add	*3,177.60*	
		For Class 55 Rating, Add	*4,737.99*	
		For Class 56 Rating, Add	*6,277.38*	
40 05 19 00-0395	EA	24" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,720.54	1,500.12
		For Class 52 Rating, Deduct	*-2,359.24*	
		For Class 54 Rating, Add	*3,244.42*	
		For Class 55 Rating, Add	*4,837.37*	
		For Class 56 Rating, Add	*6,408.88*	
40 05 19 00-0396	EA	24" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,172.07	1,504.48
		For Class 52 Rating, Deduct	*-2,408.18*	
		For Class 54 Rating, Add	*3,311.24*	
		For Class 55 Rating, Add	*4,936.75*	
		For Class 56 Rating, Add	*6,540.36*	
40 05 19 00-0397	EA	24" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,623.61	1,508.85
		For Class 52 Rating, Deduct	*-2,457.12*	
		For Class 54 Rating, Add	*3,378.06*	
		For Class 55 Rating, Add	*5,036.13*	
		For Class 56 Rating, Add	*6,671.86*	

40 05 19 00-0398 30" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0399	EA	30" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,063.10	1,796.66
		For Class 52 Rating, Deduct	*-1,027.50*	
		For Class 54 Rating, Add	*1,433.80*	
		For Class 55 Rating, Add	*2,148.35*	
		For Class 56 Rating, Add	*2,853.56*	
40 05 19 00-0400	EA	30" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,712.38	1,801.02
		For Class 52 Rating, Deduct	*-1,098.19*	
		For Class 54 Rating, Add	*1,530.28*	
		For Class 55 Rating, Add	*2,291.83*	
		For Class 56 Rating, Add	*3,043.39*	
40 05 19 00-0401	EA	30" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,361.66	1,805.38
		For Class 52 Rating, Deduct	*-1,168.89*	
		For Class 54 Rating, Add	*1,626.76*	
		For Class 55 Rating, Add	*2,435.30*	
		For Class 56 Rating, Add	*3,233.22*	
40 05 19 00-0402	EA	30" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,010.95	1,809.74
		For Class 52 Rating, Deduct	*-1,239.58*	
		For Class 54 Rating, Add	*1,723.24*	
		For Class 55 Rating, Add	*2,578.78*	
		For Class 56 Rating, Add	*3,423.04*	
40 05 19 00-0403	EA	30" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,660.23	1,814.10
		For Class 52 Rating, Deduct	*-1,310.27*	
		For Class 54 Rating, Add	*1,819.72*	
		For Class 55 Rating, Add	*2,722.25*	
		For Class 56 Rating, Add	*3,612.87*	
40 05 19 00-0404	EA	30" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,309.51	1,818.46
		For Class 52 Rating, Deduct	*-1,380.97*	
		For Class 54 Rating, Add	*1,916.20*	
		For Class 55 Rating, Add	*2,865.73*	
		For Class 56 Rating, Add	*3,802.70*	
40 05 19 00-0405	EA	30" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,958.79	1,822.83
		For Class 52 Rating, Deduct	*-1,451.66*	
		For Class 54 Rating, Add	*2,012.68*	
		For Class 55 Rating, Add	*3,009.20*	
		For Class 56 Rating, Add	*3,992.52*	
40 05 19 00-0406	EA	30" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,608.07	1,827.18
		For Class 52 Rating, Deduct	*-1,522.36*	
		For Class 54 Rating, Add	*2,109.16*	
		For Class 55 Rating, Add	*3,152.68*	
		For Class 56 Rating, Add	*4,182.35*	
40 05 19 00-0407	EA	30" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,257.36	1,831.55
		For Class 52 Rating, Deduct	*-1,593.05*	
		For Class 54 Rating, Add	*2,205.64*	
		For Class 55 Rating, Add	*3,296.15*	
		For Class 56 Rating, Add	*4,372.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0408	EA	30" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,906.63	1,835.90
		For Class 52 Rating, Deduct	*-1,663.75*	
		For Class 54 Rating, Add	*2,302.12*	
		For Class 55 Rating, Add	*3,439.63*	
		For Class 56 Rating, Add	*4,562.00*	
40 05 19 00-0409	EA	30" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,555.92	1,840.27
		For Class 52 Rating, Deduct	*-1,734.44*	
		For Class 54 Rating, Add	*2,398.61*	
		For Class 55 Rating, Add	*3,583.10*	
		For Class 56 Rating, Add	*4,751.83*	
40 05 19 00-0410	EA	30" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,205.19	1,844.63
		For Class 52 Rating, Deduct	*-1,805.13*	
		For Class 54 Rating, Add	*2,495.09*	
		For Class 55 Rating, Add	*3,726.58*	
		For Class 56 Rating, Add	*4,941.66*	
40 05 19 00-0411	EA	30" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,854.47	1,848.99
		For Class 52 Rating, Deduct	*-1,875.83*	
		For Class 54 Rating, Add	*2,591.56*	
		For Class 55 Rating, Add	*3,870.05*	
		For Class 56 Rating, Add	*5,131.48*	
40 05 19 00-0412	EA	30" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,503.76	1,853.35
		For Class 52 Rating, Deduct	*-1,946.52*	
		For Class 54 Rating, Add	*2,688.05*	
		For Class 55 Rating, Add	*4,013.53*	
		For Class 56 Rating, Add	*5,321.31*	
40 05 19 00-0413	EA	30" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,153.04	1,857.70
		For Class 52 Rating, Deduct	*-2,017.22*	
		For Class 54 Rating, Add	*2,784.53*	
		For Class 55 Rating, Add	*4,157.00*	
		For Class 56 Rating, Add	*5,511.14*	
40 05 19 00-0414	EA	30" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,802.32	1,862.07
		For Class 52 Rating, Deduct	*-2,087.91*	
		For Class 54 Rating, Add	*2,881.01*	
		For Class 55 Rating, Add	*4,300.48*	
		For Class 56 Rating, Add	*5,700.97*	
40 05 19 00-0415	EA	30" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,451.60	1,866.43
		For Class 52 Rating, Deduct	*-2,158.60*	
		For Class 54 Rating, Add	*2,977.49*	
		For Class 55 Rating, Add	*4,443.95*	
		For Class 56 Rating, Add	*5,890.79*	
40 05 19 00-0416	EA	30" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,100.88	1,870.79
		For Class 52 Rating, Deduct	*-2,229.30*	
		For Class 54 Rating, Add	*3,073.97*	
		For Class 55 Rating, Add	*4,587.42*	
		For Class 56 Rating, Add	*6,080.62*	
40 05 19 00-0417	EA	30" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,750.17	1,875.15
		For Class 52 Rating, Deduct	*-2,299.99*	
		For Class 54 Rating, Add	*3,170.45*	
		For Class 55 Rating, Add	*4,730.90*	
		For Class 56 Rating, Add	*6,270.44*	
40 05 19 00-0418	EA	30" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,399.45	1,879.51
		For Class 52 Rating, Deduct	*-2,370.69*	
		For Class 54 Rating, Add	*3,266.93*	
		For Class 55 Rating, Add	*4,874.38*	
		For Class 56 Rating, Add	*6,460.27*	
40 05 19 00-0419	EA	30" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,048.73	1,883.87
		For Class 52 Rating, Deduct	*-2,441.38*	
		For Class 54 Rating, Add	*3,363.41*	
		For Class 55 Rating, Add	*5,017.85*	
		For Class 56 Rating, Add	*6,650.10*	
40 05 19 00-0420	EA	30" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,698.01	1,888.23
		For Class 52 Rating, Deduct	*-2,512.08*	
		For Class 54 Rating, Add	*3,459.89*	
		For Class 55 Rating, Add	*5,161.33*	
		For Class 56 Rating, Add	*6,839.92*	
40 05 19 00-0421	EA	30" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,347.30	1,892.59
		For Class 52 Rating, Deduct	*-2,582.77*	
		For Class 54 Rating, Add	*3,556.37*	
		For Class 55 Rating, Add	*5,304.80*	
		For Class 56 Rating, Add	*7,029.75*	
40 05 19 00-0422	EA	30" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,996.58	1,896.96
		For Class 52 Rating, Deduct	*-2,653.46*	
		For Class 54 Rating, Add	*3,652.85*	
		For Class 55 Rating, Add	*5,448.28*	
		For Class 56 Rating, Add	*7,219.58*	
40 05 19 00-0423	EA	30" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,643.26	1,901.31
		For Class 52 Rating, Deduct	*-2,723.87*	
		For Class 54 Rating, Add	*3,748.94*	
		For Class 55 Rating, Add	*5,591.17*	
		For Class 56 Rating, Add	*7,408.64*	
40 05 19 00-0424	EA	30" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,295.14	1,905.68
		For Class 52 Rating, Deduct	*-2,794.85*	
		For Class 54 Rating, Add	*3,845.81*	
		For Class 55 Rating, Add	*5,735.23*	
		For Class 56 Rating, Add	*7,599.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0425	EA	30" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,944.42	1,910.03
		For Class 52 Rating, Deduct	*-2,865.55*	
		For Class 54 Rating, Add	*3,942.29*	
		For Class 55 Rating, Add	*5,878.70*	
		For Class 56 Rating, Add	*7,789.06*	
40 05 19 00-0426	EA	30" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,593.71	1,914.40
		For Class 52 Rating, Deduct	*-2,936.24*	
		For Class 54 Rating, Add	*4,038.77*	
		For Class 55 Rating, Add	*6,022.18*	
		For Class 56 Rating, Add	*7,978.89*	
40 05 19 00-0427	EA	30" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,242.98	1,918.76
		For Class 52 Rating, Deduct	*-3,006.93*	
		For Class 54 Rating, Add	*4,135.25*	
		For Class 55 Rating, Add	*6,165.65*	
		For Class 56 Rating, Add	*8,168.71*	
40 05 19 00-0428	EA	30" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,892.26	1,923.12
		For Class 52 Rating, Deduct	*-3,077.63*	
		For Class 54 Rating, Add	*4,231.73*	
		For Class 55 Rating, Add	*6,309.13*	
		For Class 56 Rating, Add	*8,358.54*	
40 05 19 00-0429	EA	30" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,541.54	1,927.48
		For Class 52 Rating, Deduct	*-3,148.32*	
		For Class 54 Rating, Add	*4,328.21*	
		For Class 55 Rating, Add	*6,452.60*	
		For Class 56 Rating, Add	*8,548.37*	
40 05 19 00-0430	EA	30" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,190.82	1,931.84
		For Class 52 Rating, Deduct	*-3,219.02*	
		For Class 54 Rating, Add	*4,424.69*	
		For Class 55 Rating, Add	*6,596.07*	
		For Class 56 Rating, Add	*8,738.19*	
40 05 19 00-0431	EA	30" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,840.11	1,936.20
		For Class 52 Rating, Deduct	*-3,289.71*	
		For Class 54 Rating, Add	*4,521.17*	
		For Class 55 Rating, Add	*6,739.55*	
		For Class 56 Rating, Add	*8,928.02*	
40 05 19 00-0432	EA	30" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,489.39	1,940.57
		For Class 52 Rating, Deduct	*-3,360.41*	
		For Class 54 Rating, Add	*4,617.65*	
		For Class 55 Rating, Add	*6,883.02*	
		For Class 56 Rating, Add	*9,117.85*	
40 05 19 00-0433	EA	30" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,138.67	1,944.92
		For Class 52 Rating, Deduct	*-3,431.10*	
		For Class 54 Rating, Add	*4,714.14*	
		For Class 55 Rating, Add	*7,026.50*	
		For Class 56 Rating, Add	*9,307.67*	
40 05 19 00-0434	EA	30" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,787.95	1,949.29
		For Class 52 Rating, Deduct	*-3,501.79*	
		For Class 54 Rating, Add	*4,810.62*	
		For Class 55 Rating, Add	*7,169.97*	
		For Class 56 Rating, Add	*9,497.50*	
40 05 19 00-0435	EA	30" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,437.24	1,953.64
		For Class 52 Rating, Deduct	*-3,572.49*	
		For Class 54 Rating, Add	*4,907.10*	
		For Class 55 Rating, Add	*7,313.45*	
		For Class 56 Rating, Add	*9,687.33*	
40 05 19 00-0436	EA	30" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,086.52	1,958.01
		For Class 52 Rating, Deduct	*-3,643.18*	
		For Class 54 Rating, Add	*5,003.58*	
		For Class 55 Rating, Add	*7,456.92*	
		For Class 56 Rating, Add	*9,877.15*	

40 05 19 00-0437 36" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0438	EA	36" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,815.07	2,276.35
		For Class 52 Rating, Deduct	*-1,470.27*	
		For Class 54 Rating, Add	*2,046.30*	
		For Class 55 Rating, Add	*3,063.41*	
		For Class 56 Rating, Add	*4,067.15*	
40 05 19 00-0439	EA	36" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,695.93	2,280.70
		For Class 52 Rating, Deduct	*-1,566.43*	
		For Class 54 Rating, Add	*2,177.51*	
		For Class 55 Rating, Add	*3,258.52*	
		For Class 56 Rating, Add	*4,325.29*	
40 05 19 00-0440	EA	36" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,576.77	2,285.07
		For Class 52 Rating, Deduct	*-1,662.60*	
		For Class 54 Rating, Add	*2,308.73*	
		For Class 55 Rating, Add	*3,453.64*	
		For Class 56 Rating, Add	*4,583.43*	
40 05 19 00-0441	EA	36" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,457.63	2,289.42
		For Class 52 Rating, Deduct	*-1,758.77*	
		For Class 54 Rating, Add	*2,439.95*	
		For Class 55 Rating, Add	*3,648.75*	
		For Class 56 Rating, Add	*4,841.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0442	EA	36" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,338.48	2,293.79
		For Class 52 Rating, Deduct	*-1,854.93*	
		For Class 54 Rating, Add	*2,571.16*	
		For Class 55 Rating, Add	*3,843.87*	
		For Class 56 Rating, Add	*5,099.71*	
40 05 19 00-0443	EA	36" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,219.34	2,298.15
		For Class 52 Rating, Deduct	*-1,951.10*	
		For Class 54 Rating, Add	*2,702.38*	
		For Class 55 Rating, Add	*4,038.98*	
		For Class 56 Rating, Add	*5,357.85*	
40 05 19 00-0444	EA	36" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,100.19	2,302.51
		For Class 52 Rating, Deduct	*-2,047.27*	
		For Class 54 Rating, Add	*2,833.59*	
		For Class 55 Rating, Add	*4,234.10*	
		For Class 56 Rating, Add	*5,615.99*	
40 05 19 00-0445	EA	36" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,981.04	2,306.87
		For Class 52 Rating, Deduct	*-2,143.44*	
		For Class 54 Rating, Add	*2,964.81*	
		For Class 55 Rating, Add	*4,429.22*	
		For Class 56 Rating, Add	*5,874.13*	
40 05 19 00-0446	EA	36" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,861.89	2,311.23
		For Class 52 Rating, Deduct	*-2,239.60*	
		For Class 54 Rating, Add	*3,096.03*	
		For Class 55 Rating, Add	*4,624.33*	
		For Class 56 Rating, Add	*6,132.27*	
40 05 19 00-0447	EA	36" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,742.75	2,315.59
		For Class 52 Rating, Deduct	*-2,335.77*	
		For Class 54 Rating, Add	*3,227.24*	
		For Class 55 Rating, Add	*4,819.45*	
		For Class 56 Rating, Add	*6,390.41*	
40 05 19 00-0448	EA	36" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,623.60	2,319.96
		For Class 52 Rating, Deduct	*-2,431.94*	
		For Class 54 Rating, Add	*3,358.46*	
		For Class 55 Rating, Add	*5,014.56*	
		For Class 56 Rating, Add	*6,648.55*	
40 05 19 00-0449	EA	36" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,504.45	2,324.31
		For Class 52 Rating, Deduct	*-2,528.10*	
		For Class 54 Rating, Add	*3,489.67*	
		For Class 55 Rating, Add	*5,209.68*	
		For Class 56 Rating, Add	*6,906.70*	
40 05 19 00-0450	EA	36" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,385.29	2,328.68
		For Class 52 Rating, Deduct	*-2,624.27*	
		For Class 54 Rating, Add	*3,620.89*	
		For Class 55 Rating, Add	*5,404.79*	
		For Class 56 Rating, Add	*7,164.83*	
40 05 19 00-0451	EA	36" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,266.15	2,333.03
		For Class 52 Rating, Deduct	*-2,720.44*	
		For Class 54 Rating, Add	*3,752.11*	
		For Class 55 Rating, Add	*5,599.91*	
		For Class 56 Rating, Add	*7,422.98*	
40 05 19 00-0452	EA	36" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,147.00	2,337.40
		For Class 52 Rating, Deduct	*-2,816.60*	
		For Class 54 Rating, Add	*3,883.32*	
		For Class 55 Rating, Add	*5,795.02*	
		For Class 56 Rating, Add	*7,681.11*	
40 05 19 00-0453	EA	36" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,027.86	2,341.76
		For Class 52 Rating, Deduct	*-2,912.77*	
		For Class 54 Rating, Add	*4,014.54*	
		For Class 55 Rating, Add	*5,990.14*	
		For Class 56 Rating, Add	*7,939.26*	
40 05 19 00-0454	EA	36" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,908.70	2,346.12
		For Class 52 Rating, Deduct	*-3,008.94*	
		For Class 54 Rating, Add	*4,145.75*	
		For Class 55 Rating, Add	*6,185.25*	
		For Class 56 Rating, Add	*8,197.39*	
40 05 19 00-0455	EA	36" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,789.56	2,350.48
		For Class 52 Rating, Deduct	*-3,105.11*	
		For Class 54 Rating, Add	*4,276.97*	
		For Class 55 Rating, Add	*6,380.37*	
		For Class 56 Rating, Add	*8,455.54*	
40 05 19 00-0456	EA	36" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,670.42	2,354.84
		For Class 52 Rating, Deduct	*-3,201.27*	
		For Class 54 Rating, Add	*4,408.19*	
		For Class 55 Rating, Add	*6,575.48*	
		For Class 56 Rating, Add	*8,713.68*	
40 05 19 00-0457	EA	36" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,551.27	2,359.20
		For Class 52 Rating, Deduct	*-3,297.44*	
		For Class 54 Rating, Add	*4,539.40*	
		For Class 55 Rating, Add	*6,770.60*	
		For Class 56 Rating, Add	*8,971.82*	
40 05 19 00-0458	EA	36" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,432.13	2,363.57
		For Class 52 Rating, Deduct	*-3,393.61*	
		For Class 54 Rating, Add	*4,670.62*	
		For Class 55 Rating, Add	*6,965.71*	
		For Class 56 Rating, Add	*9,229.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0459	EA	36" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,312.97	2,367.92
		For Class 52 Rating, Deduct	*-3,489.77*	
		For Class 54 Rating, Add	*4,801.83*	
		For Class 55 Rating, Add	*7,160.83*	
		For Class 56 Rating, Add	*9,488.10*	
40 05 19 00-0460	EA	36" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,193.83	2,372.29
		For Class 52 Rating, Deduct	*-3,585.94*	
		For Class 54 Rating, Add	*4,933.05*	
		For Class 55 Rating, Add	*7,355.94*	
		For Class 56 Rating, Add	*9,746.24*	
40 05 19 00-0461	EA	36" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,074.68	2,376.64
		For Class 52 Rating, Deduct	*-3,682.11*	
		For Class 54 Rating, Add	*5,064.27*	
		For Class 55 Rating, Add	*7,551.06*	
		For Class 56 Rating, Add	*10,004.38*	
40 05 19 00-0462	EA	36" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,955.54	2,381.01
		For Class 52 Rating, Deduct	*-3,778.27*	
		For Class 54 Rating, Add	*5,195.48*	
		For Class 55 Rating, Add	*7,746.18*	
		For Class 56 Rating, Add	*10,262.52*	
40 05 19 00-0463	EA	36" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	38,836.38	2,385.37
		For Class 52 Rating, Deduct	*-3,874.44*	
		For Class 54 Rating, Add	*5,326.70*	
		For Class 55 Rating, Add	*7,941.29*	
		For Class 56 Rating, Add	*10,520.66*	
40 05 19 00-0464	EA	36" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,717.24	2,389.73
		For Class 52 Rating, Deduct	*-3,970.61*	
		For Class 54 Rating, Add	*5,457.92*	
		For Class 55 Rating, Add	*8,136.41*	
		For Class 56 Rating, Add	*10,778.80*	
40 05 19 00-0465	EA	36" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,598.09	2,394.09
		For Class 52 Rating, Deduct	*-4,066.77*	
		For Class 54 Rating, Add	*5,589.13*	
		For Class 55 Rating, Add	*8,331.52*	
		For Class 56 Rating, Add	*11,036.94*	
40 05 19 00-0466	EA	36" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,478.95	2,398.45
		For Class 52 Rating, Deduct	*-4,162.94*	
		For Class 54 Rating, Add	*5,720.35*	
		For Class 55 Rating, Add	*8,526.64*	
		For Class 56 Rating, Add	*11,295.08*	
40 05 19 00-0467	EA	36" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	42,359.80	2,402.81
		For Class 52 Rating, Deduct	*-4,259.11*	
		For Class 54 Rating, Add	*5,851.56*	
		For Class 55 Rating, Add	*8,721.75*	
		For Class 56 Rating, Add	*11,553.22*	
40 05 19 00-0468	EA	36" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	43,240.64	2,407.18
		For Class 52 Rating, Deduct	*-4,355.28*	
		For Class 54 Rating, Add	*5,982.78*	
		For Class 55 Rating, Add	*8,916.87*	
		For Class 56 Rating, Add	*11,811.36*	
40 05 19 00-0469	EA	36" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	44,121.49	2,411.53
		For Class 52 Rating, Deduct	*-4,451.44*	
		For Class 54 Rating, Add	*6,113.99*	
		For Class 55 Rating, Add	*9,111.98*	
		For Class 56 Rating, Add	*12,069.50*	
40 05 19 00-0470	EA	36" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	45,002.35	2,415.90
		For Class 52 Rating, Deduct	*-4,547.61*	
		For Class 54 Rating, Add	*6,245.21*	
		For Class 55 Rating, Add	*9,307.10*	
		For Class 56 Rating, Add	*12,327.64*	
40 05 19 00-0471	EA	36" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	45,883.20	2,420.25
		For Class 52 Rating, Deduct	*-4,643.78*	
		For Class 54 Rating, Add	*6,376.43*	
		For Class 55 Rating, Add	*9,502.21*	
		For Class 56 Rating, Add	*12,585.78*	
40 05 19 00-0472	EA	36" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	46,764.06	2,424.62
		For Class 52 Rating, Deduct	*-4,739.94*	
		For Class 54 Rating, Add	*6,507.64*	
		For Class 55 Rating, Add	*9,697.33*	
		For Class 56 Rating, Add	*12,843.92*	
40 05 19 00-0473	EA	36" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	47,644.90	2,428.97
		For Class 52 Rating, Deduct	*-4,836.11*	
		For Class 54 Rating, Add	*6,638.86*	
		For Class 55 Rating, Add	*9,892.44*	
		For Class 56 Rating, Add	*13,102.06*	
40 05 19 00-0474	EA	36" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	48,525.76	2,433.33
		For Class 52 Rating, Deduct	*-4,932.28*	
		For Class 54 Rating, Add	*6,770.08*	
		For Class 55 Rating, Add	*10,087.56*	
		For Class 56 Rating, Add	*13,360.20*	
40 05 19 00-0475	EA	36" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	49,406.61	2,437.70
		For Class 52 Rating, Deduct	*-5,028.44*	
		For Class 54 Rating, Add	*6,901.29*	
		For Class 55 Rating, Add	*10,282.67*	
		For Class 56 Rating, Add	*13,618.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0476		42" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*		
40 05 19 00-0477	EA	42" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,178.56	2,869.42
		For Class 52 Rating, Deduct	*-1,961.41*	
		For Class 54 Rating, Add	*2,726.82*	
		For Class 55 Rating, Add	*4,080.65*	
		For Class 56 Rating, Add	*5,416.65*	
40 05 19 00-0478	EA	42" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,491.33	2,873.77
		For Class 52 Rating, Deduct	*-2,105.08*	
		For Class 54 Rating, Add	*2,922.82*	
		For Class 55 Rating, Add	*4,372.08*	
		For Class 56 Rating, Add	*5,802.20*	
40 05 19 00-0479	EA	42" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,788.49	2,878.14
		For Class 52 Rating, Deduct	*-2,247.04*	
		For Class 54 Rating, Add	*3,116.48*	
		For Class 55 Rating, Add	*4,660.03*	
		For Class 56 Rating, Add	*6,183.15*	
40 05 19 00-0480	EA	42" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,098.67	2,882.50
		For Class 52 Rating, Deduct	*-2,390.44*	
		For Class 54 Rating, Add	*3,312.10*	
		For Class 55 Rating, Add	*4,950.88*	
		For Class 56 Rating, Add	*6,567.94*	
40 05 19 00-0481	EA	42" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,395.83	2,886.86
		For Class 52 Rating, Deduct	*-2,532.40*	
		For Class 54 Rating, Add	*3,505.76*	
		For Class 55 Rating, Add	*5,238.84*	
		For Class 56 Rating, Add	*6,948.89*	
40 05 19 00-0482	EA	42" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,708.59	2,891.22
		For Class 52 Rating, Deduct	*-2,676.07*	
		For Class 54 Rating, Add	*3,701.76*	
		For Class 55 Rating, Add	*5,530.27*	
		For Class 56 Rating, Add	*7,334.45*	
40 05 19 00-0483	EA	42" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,003.14	2,895.58
		For Class 52 Rating, Deduct	*-2,817.75*	
		For Class 54 Rating, Add	*3,895.03*	
		For Class 55 Rating, Add	*5,817.64*	
		For Class 56 Rating, Add	*7,714.63*	
40 05 19 00-0484	EA	42" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,315.92	2,899.94
		For Class 52 Rating, Deduct	*-2,961.43*	
		For Class 54 Rating, Add	*4,091.04*	
		For Class 55 Rating, Add	*6,109.07*	
		For Class 56 Rating, Add	*8,100.19*	
40 05 19 00-0485	EA	42" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,613.08	2,904.31
		For Class 52 Rating, Deduct	*-3,103.39*	
		For Class 54 Rating, Add	*4,284.70*	
		For Class 55 Rating, Add	*6,397.03*	
		For Class 56 Rating, Add	*8,481.14*	
40 05 19 00-0486	EA	42" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,923.24	2,908.66
		For Class 52 Rating, Deduct	*-3,246.78*	
		For Class 54 Rating, Add	*4,480.31*	
		For Class 55 Rating, Add	*6,687.88*	
		For Class 56 Rating, Add	*8,865.93*	
40 05 19 00-0487	EA	42" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,220.40	2,913.03
		For Class 52 Rating, Deduct	*-3,388.74*	
		For Class 54 Rating, Add	*4,673.97*	
		For Class 55 Rating, Add	*6,975.83*	
		For Class 56 Rating, Add	*9,246.88*	
40 05 19 00-0488	EA	42" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,530.57	2,917.38
		For Class 52 Rating, Deduct	*-3,532.13*	
		For Class 54 Rating, Add	*4,869.59*	
		For Class 55 Rating, Add	*7,266.68*	
		For Class 56 Rating, Add	*9,631.67*	
40 05 19 00-0489	EA	42" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,827.74	2,921.75
		For Class 52 Rating, Deduct	*-3,674.09*	
		For Class 54 Rating, Add	*5,063.25*	
		For Class 55 Rating, Add	*7,554.63*	
		For Class 56 Rating, Add	*10,012.62*	
40 05 19 00-0490	EA	42" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,127.50	2,926.11
		For Class 52 Rating, Deduct	*-3,816.34*	
		For Class 54 Rating, Add	*5,257.30*	
		For Class 55 Rating, Add	*7,843.17*	
		For Class 56 Rating, Add	*10,394.34*	
40 05 19 00-0491	EA	42" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,435.06	2,930.47
		For Class 52 Rating, Deduct	*-3,959.45*	
		For Class 54 Rating, Add	*5,452.53*	
		For Class 55 Rating, Add	*8,133.44*	
		For Class 56 Rating, Add	*10,778.36*	
40 05 19 00-0492	EA	42" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,732.22	2,934.83
		For Class 52 Rating, Deduct	*-4,101.41*	
		For Class 54 Rating, Add	*5,646.19*	
		For Class 55 Rating, Add	*8,421.39*	
		For Class 56 Rating, Add	*11,159.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0493	EA	42" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	43,045.00	2,939.19
		For Class 52 Rating, Deduct	*-4,245.08*	
		For Class 54 Rating, Add	*5,842.19*	
		For Class 55 Rating, Add	*8,712.82*	
		For Class 56 Rating, Add	*11,544.87*	
40 05 19 00-0494	EA	42" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	44,342.16	2,943.55
		For Class 52 Rating, Deduct	*-4,387.05*	
		For Class 54 Rating, Add	*6,035.85*	
		For Class 55 Rating, Add	*9,000.78*	
		For Class 56 Rating, Add	*11,925.82*	
40 05 19 00-0495	EA	42" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	45,652.32	2,947.92
		For Class 52 Rating, Deduct	*-4,530.44*	
		For Class 54 Rating, Add	*6,231.47*	
		For Class 55 Rating, Add	*9,291.63*	
		For Class 56 Rating, Add	*12,310.60*	
40 05 19 00-0496	EA	42" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	46,949.48	2,952.27
		For Class 52 Rating, Deduct	*-4,672.40*	
		For Class 54 Rating, Add	*6,425.13*	
		For Class 55 Rating, Add	*9,579.58*	
		For Class 56 Rating, Add	*12,691.55*	
40 05 19 00-0497	EA	42" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	48,262.26	2,956.64
		For Class 52 Rating, Deduct	*-4,816.08*	
		For Class 54 Rating, Add	*6,621.13*	
		For Class 55 Rating, Add	*9,871.01*	
		For Class 56 Rating, Add	*13,077.11*	
40 05 19 00-0498	EA	42" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	49,559.42	2,960.99
		For Class 52 Rating, Deduct	*-4,958.04*	
		For Class 54 Rating, Add	*6,814.80*	
		For Class 55 Rating, Add	*10,158.97*	
		For Class 56 Rating, Add	*13,458.06*	
40 05 19 00-0499	EA	42" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	50,869.59	2,965.36
		For Class 52 Rating, Deduct	*-5,101.43*	
		For Class 54 Rating, Add	*7,010.41*	
		For Class 55 Rating, Add	*10,449.82*	
		For Class 56 Rating, Add	*13,842.85*	
40 05 19 00-0500	EA	42" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	52,166.74	2,969.72
		For Class 52 Rating, Deduct	*-5,243.39*	
		For Class 54 Rating, Add	*7,204.07*	
		For Class 55 Rating, Add	*10,737.77*	
		For Class 56 Rating, Add	*14,223.80*	
40 05 19 00-0501	EA	42" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	53,479.52	2,974.08
		For Class 52 Rating, Deduct	*-5,387.07*	
		For Class 54 Rating, Add	*7,400.08*	
		For Class 55 Rating, Add	*11,029.20*	
		For Class 56 Rating, Add	*14,609.36*	
40 05 19 00-0502	EA	42" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	54,776.67	2,978.44
		For Class 52 Rating, Deduct	*-5,529.03*	
		For Class 54 Rating, Add	*7,593.74*	
		For Class 55 Rating, Add	*11,317.15*	
		For Class 56 Rating, Add	*14,990.31*	
40 05 19 00-0503	EA	42" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	56,084.24	2,982.80
		For Class 52 Rating, Deduct	*-5,672.13*	
		For Class 54 Rating, Add	*7,788.96*	
		For Class 55 Rating, Add	*11,607.43*	
		For Class 56 Rating, Add	*15,374.33*	
40 05 19 00-0504	EA	42" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	57,384.00	2,987.16
		For Class 52 Rating, Deduct	*-5,814.38*	
		For Class 54 Rating, Add	*7,983.01*	
		For Class 55 Rating, Add	*11,895.96*	
		For Class 56 Rating, Add	*15,756.05*	
40 05 19 00-0505	EA	42" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	58,420.97	2,991.53
		For Class 52 Rating, Deduct	*-5,927.72*	
		For Class 54 Rating, Add	*8,137.65*	
		For Class 55 Rating, Add	*12,125.89*	
		For Class 56 Rating, Add	*16,060.24*	
40 05 19 00-0506	EA	42" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	59,991.33	2,995.88
		For Class 52 Rating, Deduct	*-6,099.73*	
		For Class 54 Rating, Add	*8,372.29*	
		For Class 55 Rating, Add	*12,474.76*	
		For Class 56 Rating, Add	*16,521.79*	
40 05 19 00-0507	EA	42" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	61,288.49	3,000.24
		For Class 52 Rating, Deduct	*-6,241.69*	
		For Class 54 Rating, Add	*8,565.95*	
		For Class 55 Rating, Add	*12,762.72*	
		For Class 56 Rating, Add	*16,902.74*	
40 05 19 00-0508	EA	42" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	62,598.66	3,004.60
		For Class 52 Rating, Deduct	*-6,385.09*	
		For Class 54 Rating, Add	*8,761.56*	
		For Class 55 Rating, Add	*13,053.57*	
		For Class 56 Rating, Add	*17,287.53*	
40 05 19 00-0509	EA	42" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	63,895.82	3,008.96
		For Class 52 Rating, Deduct	*-6,527.05*	
		For Class 54 Rating, Add	*8,955.23*	
		For Class 55 Rating, Add	*13,341.52*	
		For Class 56 Rating, Add	*17,668.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0510	EA	42" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	65,208.59	3,013.32
		For Class 52 Rating, Deduct	*-6,670.72*	
		For Class 54 Rating, Add	*9,151.23*	
		For Class 55 Rating, Add	*13,632.95*	
		For Class 56 Rating, Add	*18,054.03*	
40 05 19 00-0511	EA	42" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	66,503.15	3,017.68
		For Class 52 Rating, Deduct	*-6,812.40*	
		For Class 54 Rating, Add	*9,344.50*	
		For Class 55 Rating, Add	*13,920.32*	
		For Class 56 Rating, Add	*18,434.22*	
40 05 19 00-0512	EA	42" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	67,815.92	3,022.05
		For Class 52 Rating, Deduct	*-6,956.08*	
		For Class 54 Rating, Add	*9,540.51*	
		For Class 55 Rating, Add	*14,211.76*	
		For Class 56 Rating, Add	*18,819.77*	
40 05 19 00-0513	EA	42" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	69,113.09	3,026.40
		For Class 52 Rating, Deduct	*-7,098.04*	
		For Class 54 Rating, Add	*9,734.17*	
		For Class 55 Rating, Add	*14,499.71*	
		For Class 56 Rating, Add	*19,200.72*	
40 05 19 00-0514	EA	42" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	70,423.25	3,030.77
		For Class 52 Rating, Deduct	*-7,241.43*	
		For Class 54 Rating, Add	*9,929.78*	
		For Class 55 Rating, Add	*14,790.56*	
		For Class 56 Rating, Add	*19,585.51*	

40 05 19 00-0515 48" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0516	EA	48" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,819.94	3,606.40
		For Class 52 Rating, Deduct	*-2,459.13*	
		For Class 54 Rating, Add	*3,418.93*	
		For Class 55 Rating, Add	*5,116.46*	
		For Class 56 Rating, Add	*6,791.64*	
40 05 19 00-0517	EA	48" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,728.55	3,610.75
		For Class 52 Rating, Deduct	*-2,668.35*	
		For Class 54 Rating, Add	*3,704.31*	
		For Class 55 Rating, Add	*5,540.77*	
		For Class 56 Rating, Add	*7,352.97*	
40 05 19 00-0518	EA	48" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,634.55	3,615.12
		For Class 52 Rating, Deduct	*-2,877.28*	
		For Class 54 Rating, Add	*3,989.29*	
		For Class 55 Rating, Add	*5,964.49*	
		For Class 56 Rating, Add	*7,913.53*	
40 05 19 00-0519	EA	48" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,556.17	3,619.47
		For Class 52 Rating, Deduct	*-3,087.93*	
		For Class 54 Rating, Add	*4,276.63*	
		For Class 55 Rating, Add	*6,391.70*	
		For Class 56 Rating, Add	*8,478.70*	
40 05 19 00-0520	EA	48" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,464.79	3,623.84
		For Class 52 Rating, Deduct	*-3,297.15*	
		For Class 54 Rating, Add	*4,562.01*	
		For Class 55 Rating, Add	*6,816.00*	
		For Class 56 Rating, Add	*9,040.03*	
40 05 19 00-0521	EA	48" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,373.40	3,628.20
		For Class 52 Rating, Deduct	*-3,506.37*	
		For Class 54 Rating, Add	*4,847.39*	
		For Class 55 Rating, Add	*7,240.31*	
		For Class 56 Rating, Add	*9,601.36*	
40 05 19 00-0522	EA	48" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,292.40	3,632.56
		For Class 52 Rating, Deduct	*-3,716.74*	
		For Class 54 Rating, Add	*5,134.33*	
		For Class 55 Rating, Add	*7,666.94*	
		For Class 56 Rating, Add	*10,165.76*	
40 05 19 00-0523	EA	48" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,203.62	3,636.92
		For Class 52 Rating, Deduct	*-3,926.25*	
		For Class 54 Rating, Add	*5,420.10*	
		For Class 55 Rating, Add	*8,091.82*	
		For Class 56 Rating, Add	*10,727.85*	
40 05 19 00-0524	EA	48" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	43,109.63	3,641.28
		For Class 52 Rating, Deduct	*-4,135.18*	
		For Class 54 Rating, Add	*5,705.09*	
		For Class 55 Rating, Add	*8,515.55*	
		For Class 56 Rating, Add	*11,288.41*	
40 05 19 00-0525	EA	48" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	45,031.25	3,645.64
		For Class 52 Rating, Deduct	*-4,345.83*	
		For Class 54 Rating, Add	*5,992.42*	
		For Class 55 Rating, Add	*8,942.75*	
		For Class 56 Rating, Add	*11,853.58*	
40 05 19 00-0526	EA	48" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	46,939.87	3,650.01
		For Class 52 Rating, Deduct	*-4,555.05*	
		For Class 54 Rating, Add	*6,277.80*	
		For Class 55 Rating, Add	*9,367.06*	
		For Class 56 Rating, Add	*12,414.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0527	EA	48" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	48,861.48	3,654.36
		For Class 52 Rating, Deduct	*-4,765.70*	
		For Class 54 Rating, Add	*6,565.13*	
		For Class 55 Rating, Add	*9,794.26*	
		For Class 56 Rating, Add	*12,980.08*	
40 05 19 00-0528	EA	48" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	50,767.49	3,658.73
		For Class 52 Rating, Deduct	*-4,974.64*	
		For Class 54 Rating, Add	*6,850.12*	
		For Class 55 Rating, Add	*10,217.99*	
		For Class 56 Rating, Add	*13,540.64*	
40 05 19 00-0529	EA	48" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	52,676.11	3,663.08
		For Class 52 Rating, Deduct	*-5,183.86*	
		For Class 54 Rating, Add	*7,135.50*	
		For Class 55 Rating, Add	*10,642.30*	
		For Class 56 Rating, Add	*14,101.97*	
40 05 19 00-0530	EA	48" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	54,597.73	3,667.45
		For Class 52 Rating, Deduct	*-5,394.51*	
		For Class 54 Rating, Add	*7,422.83*	
		For Class 55 Rating, Add	*11,069.50*	
		For Class 56 Rating, Add	*14,667.13*	
40 05 19 00-0531	EA	48" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	56,506.34	3,671.81
		For Class 52 Rating, Deduct	*-5,603.73*	
		For Class 54 Rating, Add	*7,708.21*	
		For Class 55 Rating, Add	*11,493.81*	
		For Class 56 Rating, Add	*15,228.46*	
40 05 19 00-0532	EA	48" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	58,412.34	3,676.17
		For Class 52 Rating, Deduct	*-5,812.66*	
		For Class 54 Rating, Add	*7,993.20*	
		For Class 55 Rating, Add	*11,917.53*	
		For Class 56 Rating, Add	*15,789.02*	
40 05 19 00-0533	EA	48" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	60,333.97	3,680.53
		For Class 52 Rating, Deduct	*-6,023.32*	
		For Class 54 Rating, Add	*8,280.53*	
		For Class 55 Rating, Add	*12,344.74*	
		For Class 56 Rating, Add	*16,354.19*	
40 05 19 00-0534	EA	48" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	62,242.58	3,684.89
		For Class 52 Rating, Deduct	*-6,232.54*	
		For Class 54 Rating, Add	*8,565.91*	
		For Class 55 Rating, Add	*12,769.04*	
		For Class 56 Rating, Add	*16,915.52*	
40 05 19 00-0535	EA	48" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	64,148.59	3,689.25
		For Class 52 Rating, Deduct	*-6,441.47*	
		For Class 54 Rating, Add	*8,850.90*	
		For Class 55 Rating, Add	*13,192.77*	
		For Class 56 Rating, Add	*17,476.08*	
40 05 19 00-0536	EA	48" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	66,070.20	3,693.62
		For Class 52 Rating, Deduct	*-6,652.12*	
		For Class 54 Rating, Add	*9,138.23*	
		For Class 55 Rating, Add	*13,619.97*	
		For Class 56 Rating, Add	*18,041.25*	
40 05 19 00-0537	EA	48" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	67,981.42	3,697.97
		For Class 52 Rating, Deduct	*-6,861.63*	
		For Class 54 Rating, Add	*9,424.00*	
		For Class 55 Rating, Add	*14,044.86*	
		For Class 56 Rating, Add	*18,603.34*	
40 05 19 00-0538	EA	48" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	69,887.43	3,702.34
		For Class 52 Rating, Deduct	*-7,070.56*	
		For Class 54 Rating, Add	*9,708.99*	
		For Class 55 Rating, Add	*14,468.59*	
		For Class 56 Rating, Add	*19,163.91*	
40 05 19 00-0539	EA	48" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	71,809.05	3,706.69
		For Class 52 Rating, Deduct	*-7,281.21*	
		For Class 54 Rating, Add	*9,996.32*	
		For Class 55 Rating, Add	*14,895.79*	
		For Class 56 Rating, Add	*19,729.07*	
40 05 19 00-0540	EA	48" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	73,717.66	3,711.05
		For Class 52 Rating, Deduct	*-7,490.43*	
		For Class 54 Rating, Add	*10,281.70*	
		For Class 55 Rating, Add	*15,320.10*	
		For Class 56 Rating, Add	*20,290.40*	
40 05 19 00-0541	EA	48" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	75,623.66	3,715.42
		For Class 52 Rating, Deduct	*-7,699.37*	
		For Class 54 Rating, Add	*10,566.69*	
		For Class 55 Rating, Add	*15,743.82*	
		For Class 56 Rating, Add	*20,850.96*	
40 05 19 00-0542	EA	48" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	77,545.28	3,719.77
		For Class 52 Rating, Deduct	*-7,910.02*	
		For Class 54 Rating, Add	*10,854.02*	
		For Class 55 Rating, Add	*16,171.03*	
		For Class 56 Rating, Add	*21,416.13*	
40 05 19 00-0543	EA	48" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	79,453.90	3,724.14
		For Class 52 Rating, Deduct	*-8,119.24*	
		For Class 54 Rating, Add	*11,139.40*	
		For Class 55 Rating, Add	*16,595.34*	
		For Class 56 Rating, Add	*21,977.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0544	EA	48" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	81,128.34	3,728.49
		For Class 52 Rating, Deduct	*-8,302.70*	
		For Class 54 Rating, Add	*11,389.66*	
		For Class 55 Rating, Add	*16,967.42*	
		For Class 56 Rating, Add	*22,469.71*	
40 05 19 00-0545	EA	48" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	83,284.12	3,732.86
		For Class 52 Rating, Deduct	*-8,539.11*	
		For Class 54 Rating, Add	*11,712.11*	
		For Class 55 Rating, Add	*17,446.85*	
		For Class 56 Rating, Add	*23,103.95*	
40 05 19 00-0546	EA	48" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	85,190.13	3,737.22
		For Class 52 Rating, Deduct	*-8,748.04*	
		For Class 54 Rating, Add	*11,997.10*	
		For Class 55 Rating, Add	*17,870.57*	
		For Class 56 Rating, Add	*23,664.51*	
40 05 19 00-0547	EA	48" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	87,114.36	3,741.58
		For Class 52 Rating, Deduct	*-8,958.98*	
		For Class 54 Rating, Add	*12,284.82*	
		For Class 55 Rating, Add	*18,298.36*	
		For Class 56 Rating, Add	*24,230.45*	
40 05 19 00-0548	EA	48" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	89,020.37	3,745.94
		For Class 52 Rating, Deduct	*-9,167.92*	
		For Class 54 Rating, Add	*12,569.81*	
		For Class 55 Rating, Add	*18,722.08*	
		For Class 56 Rating, Add	*24,791.01*	
40 05 19 00-0549	EA	48" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	90,926.38	3,750.30
		For Class 52 Rating, Deduct	*-9,376.85*	
		For Class 54 Rating, Add	*12,854.80*	
		For Class 55 Rating, Add	*19,145.81*	
		For Class 56 Rating, Add	*25,351.57*	
40 05 19 00-0550	EA	48" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	92,850.60	3,754.66
		For Class 52 Rating, Deduct	*-9,587.79*	
		For Class 54 Rating, Add	*13,142.52*	
		For Class 55 Rating, Add	*19,573.60*	
		For Class 56 Rating, Add	*25,917.51*	
40 05 19 00-0551	EA	48" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	94,756.61	3,759.03
		For Class 52 Rating, Deduct	*-9,796.72*	
		For Class 54 Rating, Add	*13,427.51*	
		For Class 55 Rating, Add	*19,997.32*	
		For Class 56 Rating, Add	*26,478.07*	
40 05 19 00-0552	EA	48" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	96,665.22	3,763.38
		For Class 52 Rating, Deduct	*-10,005.94*	
		For Class 54 Rating, Add	*13,712.89*	
		For Class 55 Rating, Add	*20,421.63*	
		For Class 56 Rating, Add	*27,039.40*	
40 05 19 00-0553	EA	48" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	98,586.85	3,767.75
		For Class 52 Rating, Deduct	*-10,216.60*	
		For Class 54 Rating, Add	*14,000.23*	
		For Class 55 Rating, Add	*20,848.83*	
		For Class 56 Rating, Add	*27,604.56*	

40 05 19 00-0554 Flanged End x Grooved End (FxG), Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0001)*

40 05 19 00-0555 4" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0556	EA	4" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	744.68	199.55
		For Class 52 Rating, Deduct	*-48.66*	
		For Class 54 Rating, Add	*69.98*	
		For Class 55 Rating, Add	*105.90*	
		For Class 56 Rating, Add	*141.37*	
40 05 19 00-0557	EA	4" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	817.62	203.04
		For Class 52 Rating, Deduct	*-56.10*	
		For Class 54 Rating, Add	*80.19*	
		For Class 55 Rating, Add	*121.11*	
		For Class 56 Rating, Add	*161.52*	
40 05 19 00-0558	EA	4" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	890.55	206.53
		For Class 52 Rating, Deduct	*-63.54*	
		For Class 54 Rating, Add	*90.40*	
		For Class 55 Rating, Add	*136.32*	
		For Class 56 Rating, Add	*181.67*	
40 05 19 00-0559	EA	4" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	963.49	210.02
		For Class 52 Rating, Deduct	*-70.98*	
		For Class 54 Rating, Add	*100.61*	
		For Class 55 Rating, Add	*151.53*	
		For Class 56 Rating, Add	*201.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0560	EA	4" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,036.42	213.51
		For Class 52 Rating, Deduct	*-78.42*	
		For Class 54 Rating, Add	*110.82*	
		For Class 55 Rating, Add	*166.75*	
		For Class 56 Rating, Add	*221.96*	
40 05 19 00-0561	EA	4" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,109.36	217.00
		For Class 52 Rating, Deduct	*-85.86*	
		For Class 54 Rating, Add	*121.03*	
		For Class 55 Rating, Add	*181.96*	
		For Class 56 Rating, Add	*242.11*	
40 05 19 00-0562	EA	4" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,182.30	220.49
		For Class 52 Rating, Deduct	*-93.31*	
		For Class 54 Rating, Add	*131.24*	
		For Class 55 Rating, Add	*197.17*	
		For Class 56 Rating, Add	*262.25*	
40 05 19 00-0563	EA	4" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,255.23	223.98
		For Class 52 Rating, Deduct	*-100.75*	
		For Class 54 Rating, Add	*141.45*	
		For Class 55 Rating, Add	*212.39*	
		For Class 56 Rating, Add	*282.40*	
40 05 19 00-0564	EA	4" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,328.17	227.46
		For Class 52 Rating, Deduct	*-108.19*	
		For Class 54 Rating, Add	*151.67*	
		For Class 55 Rating, Add	*227.60*	
		For Class 56 Rating, Add	*302.55*	
40 05 19 00-0565	EA	4" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,401.10	230.95
		For Class 52 Rating, Deduct	*-115.63*	
		For Class 54 Rating, Add	*161.88*	
		For Class 55 Rating, Add	*242.81*	
		For Class 56 Rating, Add	*322.70*	
40 05 19 00-0566	EA	4" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,474.04	234.44
		For Class 52 Rating, Deduct	*-123.07*	
		For Class 54 Rating, Add	*172.09*	
		For Class 55 Rating, Add	*258.02*	
		For Class 56 Rating, Add	*342.84*	
40 05 19 00-0567	EA	4" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,546.97	237.93
		For Class 52 Rating, Deduct	*-130.51*	
		For Class 54 Rating, Add	*182.30*	
		For Class 55 Rating, Add	*273.24*	
		For Class 56 Rating, Add	*362.99*	
40 05 19 00-0568	EA	4" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,619.91	241.42
		For Class 52 Rating, Deduct	*-137.95*	
		For Class 54 Rating, Add	*192.51*	
		For Class 55 Rating, Add	*288.45*	
		For Class 56 Rating, Add	*383.14*	
40 05 19 00-0569	EA	4" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,692.85	244.91
		For Class 52 Rating, Deduct	*-145.40*	
		For Class 54 Rating, Add	*202.72*	
		For Class 55 Rating, Add	*303.66*	
		For Class 56 Rating, Add	*403.28*	
40 05 19 00-0570	EA	4" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,765.78	248.40
		For Class 52 Rating, Deduct	*-152.84*	
		For Class 54 Rating, Add	*212.93*	
		For Class 55 Rating, Add	*318.88*	
		For Class 56 Rating, Add	*423.43*	
40 05 19 00-0571	EA	4" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,838.72	251.89
		For Class 52 Rating, Deduct	*-160.28*	
		For Class 54 Rating, Add	*223.14*	
		For Class 55 Rating, Add	*334.09*	
		For Class 56 Rating, Add	*443.58*	
40 05 19 00-0572	EA	4" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,911.65	255.37
		For Class 52 Rating, Deduct	*-167.72*	
		For Class 54 Rating, Add	*233.35*	
		For Class 55 Rating, Add	*349.30*	
		For Class 56 Rating, Add	*463.72*	
40 05 19 00-0573	EA	4" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,984.59	258.86
		For Class 52 Rating, Deduct	*-175.16*	
		For Class 54 Rating, Add	*243.56*	
		For Class 55 Rating, Add	*364.51*	
		For Class 56 Rating, Add	*483.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0574	EA	4" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,057.51	262.35
		For Class 52 Rating, Deduct	*-182.60*	
		For Class 54 Rating, Add	*253.77*	
		For Class 55 Rating, Add	*379.72*	
		For Class 56 Rating, Add	*504.02*	
40 05 19 00-0575	EA	4" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,130.45	265.84
		For Class 52 Rating, Deduct	*-190.04*	
		For Class 54 Rating, Add	*263.98*	
		For Class 55 Rating, Add	*394.94*	
		For Class 56 Rating, Add	*524.16*	
40 05 19 00-0576	EA	4" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,203.38	269.33
		For Class 52 Rating, Deduct	*-197.49*	
		For Class 54 Rating, Add	*274.19*	
		For Class 55 Rating, Add	*410.15*	
		For Class 56 Rating, Add	*544.31*	
40 05 19 00-0577	EA	4" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,276.32	272.82
		For Class 52 Rating, Deduct	*-204.93*	
		For Class 54 Rating, Add	*284.41*	
		For Class 55 Rating, Add	*425.36*	
		For Class 56 Rating, Add	*564.46*	
40 05 19 00-0578	EA	4" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,349.26	276.31
		For Class 52 Rating, Deduct	*-212.37*	
		For Class 54 Rating, Add	*294.62*	
		For Class 55 Rating, Add	*440.58*	
		For Class 56 Rating, Add	*584.60*	
40 05 19 00-0579	EA	4" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,422.19	279.80
		For Class 52 Rating, Deduct	*-219.81*	
		For Class 54 Rating, Add	*304.83*	
		For Class 55 Rating, Add	*455.79*	
		For Class 56 Rating, Add	*604.75*	
40 05 19 00-0580	EA	4" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,495.13	283.28
		For Class 52 Rating, Deduct	*-227.25*	
		For Class 54 Rating, Add	*315.04*	
		For Class 55 Rating, Add	*471.00*	
		For Class 56 Rating, Add	*624.90*	
40 05 19 00-0581	EA	4" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,568.06	286.77
		For Class 52 Rating, Deduct	*-234.69*	
		For Class 54 Rating, Add	*325.25*	
		For Class 55 Rating, Add	*486.21*	
		For Class 56 Rating, Add	*645.04*	
40 05 19 00-0582	EA	4" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,641.00	290.26
		For Class 52 Rating, Deduct	*-242.13*	
		For Class 54 Rating, Add	*335.46*	
		For Class 55 Rating, Add	*501.43*	
		For Class 56 Rating, Add	*665.19*	
40 05 19 00-0583	EA	4" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,713.93	293.75
		For Class 52 Rating, Deduct	*-249.58*	
		For Class 54 Rating, Add	*345.67*	
		For Class 55 Rating, Add	*516.64*	
		For Class 56 Rating, Add	*685.34*	
40 05 19 00-0584	EA	4" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,786.87	297.24
		For Class 52 Rating, Deduct	*-257.02*	
		For Class 54 Rating, Add	*355.88*	
		For Class 55 Rating, Add	*531.85*	
		For Class 56 Rating, Add	*705.49*	
40 05 19 00-0585	EA	4" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,859.80	300.73
		For Class 52 Rating, Deduct	*-264.46*	
		For Class 54 Rating, Add	*366.09*	
		For Class 55 Rating, Add	*547.07*	
		For Class 56 Rating, Add	*725.63*	
40 05 19 00-0586	EA	4" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,932.75	304.22
		For Class 52 Rating, Deduct	*-271.90*	
		For Class 54 Rating, Add	*376.30*	
		For Class 55 Rating, Add	*562.28*	
		For Class 56 Rating, Add	*745.78*	
40 05 19 00-0587	EA	4" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,005.69	307.71
		For Class 52 Rating, Deduct	*-279.34*	
		For Class 54 Rating, Add	*386.52*	
		For Class 55 Rating, Add	*577.49*	
		For Class 56 Rating, Add	*765.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0588	EA	4" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,078.62	311.20
		For Class 52 Rating, Deduct	*-286.78*	
		For Class 54 Rating, Add	*396.73*	
		For Class 55 Rating, Add	*592.70*	
		For Class 56 Rating, Add	*786.07*	
40 05 19 00-0589	EA	4" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,151.56	314.68
		For Class 52 Rating, Deduct	*-294.22*	
		For Class 54 Rating, Add	*406.94*	
		For Class 55 Rating, Add	*607.92*	
		For Class 56 Rating, Add	*806.22*	
40 05 19 00-0590	EA	4" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,224.49	318.17
		For Class 52 Rating, Deduct	*-301.67*	
		For Class 54 Rating, Add	*417.15*	
		For Class 55 Rating, Add	*623.13*	
		For Class 56 Rating, Add	*826.37*	
40 05 19 00-0591	EA	4" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,297.43	321.65
		For Class 52 Rating, Deduct	*-309.11*	
		For Class 54 Rating, Add	*427.36*	
		For Class 55 Rating, Add	*638.34*	
		For Class 56 Rating, Add	*846.52*	
40 05 19 00-0592	EA	4" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,370.36	325.14
		For Class 52 Rating, Deduct	*-316.55*	
		For Class 54 Rating, Add	*437.57*	
		For Class 55 Rating, Add	*653.55*	
		For Class 56 Rating, Add	*866.66*	
40 05 19 00-0593	EA	4" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,443.30	328.63
		For Class 52 Rating, Deduct	*-323.99*	
		For Class 54 Rating, Add	*447.78*	
		For Class 55 Rating, Add	*668.77*	
		For Class 56 Rating, Add	*886.81*	
40 05 19 00-0594	EA	4" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,516.23	332.12
		For Class 52 Rating, Deduct	*-331.43*	
		For Class 54 Rating, Add	*457.99*	
		For Class 55 Rating, Add	*683.98*	
		For Class 56 Rating, Add	*906.96*	

40 05 19 00-0595 6" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0596	EA	6" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	929.59	251.18
		For Class 52 Rating, Deduct	*-60.39*	
		For Class 54 Rating, Add	*86.92*	
		For Class 55 Rating, Add	*131.56*	
		For Class 56 Rating, Add	*175.66*	
40 05 19 00-0597	EA	6" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,018.14	254.67
		For Class 52 Rating, Deduct	*-69.55*	
		For Class 54 Rating, Add	*99.47*	
		For Class 55 Rating, Add	*150.26*	
		For Class 56 Rating, Add	*200.41*	
40 05 19 00-0598	EA	6" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,106.68	258.16
		For Class 52 Rating, Deduct	*-78.71*	
		For Class 54 Rating, Add	*112.02*	
		For Class 55 Rating, Add	*168.95*	
		For Class 56 Rating, Add	*225.16*	
40 05 19 00-0599	EA	6" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,195.23	261.65
		For Class 52 Rating, Deduct	*-87.87*	
		For Class 54 Rating, Add	*124.58*	
		For Class 55 Rating, Add	*187.64*	
		For Class 56 Rating, Add	*249.91*	
40 05 19 00-0600	EA	6" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,283.77	265.14
		For Class 52 Rating, Deduct	*-97.03*	
		For Class 54 Rating, Add	*137.13*	
		For Class 55 Rating, Add	*206.34*	
		For Class 56 Rating, Add	*274.67*	
40 05 19 00-0601	EA	6" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,372.32	268.63
		For Class 52 Rating, Deduct	*-106.18*	
		For Class 54 Rating, Add	*149.68*	
		For Class 55 Rating, Add	*225.03*	
		For Class 56 Rating, Add	*299.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0602	EA	6" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,460.86	272.11
		For Class 52 Rating, Deduct	*-115.34*	
		For Class 54 Rating, Add	*162.23*	
		For Class 55 Rating, Add	*243.73*	
		For Class 56 Rating, Add	*324.17*	
40 05 19 00-0603	EA	6" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,549.42	275.60
		For Class 52 Rating, Deduct	*-124.50*	
		For Class 54 Rating, Add	*174.79*	
		For Class 55 Rating, Add	*262.42*	
		For Class 56 Rating, Add	*348.93*	
40 05 19 00-0604	EA	6" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,637.97	279.09
		For Class 52 Rating, Deduct	*-133.66*	
		For Class 54 Rating, Add	*187.34*	
		For Class 55 Rating, Add	*281.12*	
		For Class 56 Rating, Add	*373.68*	
40 05 19 00-0605	EA	6" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,726.51	282.58
		For Class 52 Rating, Deduct	*-142.82*	
		For Class 54 Rating, Add	*199.89*	
		For Class 55 Rating, Add	*299.81*	
		For Class 56 Rating, Add	*398.43*	
40 05 19 00-0606	EA	6" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,815.06	286.07
		For Class 52 Rating, Deduct	*-151.98*	
		For Class 54 Rating, Add	*212.44*	
		For Class 55 Rating, Add	*318.50*	
		For Class 56 Rating, Add	*423.18*	
40 05 19 00-0607	EA	6" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,903.60	289.56
		For Class 52 Rating, Deduct	*-161.14*	
		For Class 54 Rating, Add	*225.00*	
		For Class 55 Rating, Add	*337.20*	
		For Class 56 Rating, Add	*447.93*	
40 05 19 00-0608	EA	6" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,992.15	293.05
		For Class 52 Rating, Deduct	*-170.30*	
		For Class 54 Rating, Add	*237.55*	
		For Class 55 Rating, Add	*355.89*	
		For Class 56 Rating, Add	*472.69*	
40 05 19 00-0609	EA	6" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,080.69	296.54
		For Class 52 Rating, Deduct	*-179.45*	
		For Class 54 Rating, Add	*250.10*	
		For Class 55 Rating, Add	*374.59*	
		For Class 56 Rating, Add	*497.44*	
40 05 19 00-0610	EA	6" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,169.25	300.02
		For Class 52 Rating, Deduct	*-188.61*	
		For Class 54 Rating, Add	*262.66*	
		For Class 55 Rating, Add	*393.28*	
		For Class 56 Rating, Add	*522.19*	
40 05 19 00-0611	EA	6" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,257.79	303.51
		For Class 52 Rating, Deduct	*-197.77*	
		For Class 54 Rating, Add	*275.21*	
		For Class 55 Rating, Add	*411.98*	
		For Class 56 Rating, Add	*546.94*	
40 05 19 00-0612	EA	6" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,346.34	307.00
		For Class 52 Rating, Deduct	*-206.93*	
		For Class 54 Rating, Add	*287.76*	
		For Class 55 Rating, Add	*430.67*	
		For Class 56 Rating, Add	*571.70*	
40 05 19 00-0613	EA	6" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,434.89	310.49
		For Class 52 Rating, Deduct	*-216.09*	
		For Class 54 Rating, Add	*300.31*	
		For Class 55 Rating, Add	*449.36*	
		For Class 56 Rating, Add	*596.45*	
40 05 19 00-0614	EA	6" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,523.43	313.98
		For Class 52 Rating, Deduct	*-225.25*	
		For Class 54 Rating, Add	*312.87*	
		For Class 55 Rating, Add	*468.06*	
		For Class 56 Rating, Add	*621.20*	
40 05 19 00-0615	EA	6" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,611.98	317.47
		For Class 52 Rating, Deduct	*-234.41*	
		For Class 54 Rating, Add	*325.42*	
		For Class 55 Rating, Add	*486.75*	
		For Class 56 Rating, Add	*645.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0616	EA	6" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,700.52	320.96
		For Class 52 Rating, Deduct	*-243.57*	
		For Class 54 Rating, Add	*337.97*	
		For Class 55 Rating, Add	*505.44*	
		For Class 56 Rating, Add	*670.70*	
40 05 19 00-0617	EA	6" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,789.08	324.45
		For Class 52 Rating, Deduct	*-252.73*	
		For Class 54 Rating, Add	*350.52*	
		For Class 55 Rating, Add	*524.14*	
		For Class 56 Rating, Add	*695.46*	
40 05 19 00-0618	EA	6" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,877.62	327.93
		For Class 52 Rating, Deduct	*-261.88*	
		For Class 54 Rating, Add	*363.08*	
		For Class 55 Rating, Add	*542.83*	
		For Class 56 Rating, Add	*720.21*	
40 05 19 00-0619	EA	6" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,966.18	331.42
		For Class 52 Rating, Deduct	*-271.04*	
		For Class 54 Rating, Add	*375.63*	
		For Class 55 Rating, Add	*561.53*	
		For Class 56 Rating, Add	*744.96*	
40 05 19 00-0620	EA	6" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,054.72	334.91
		For Class 52 Rating, Deduct	*-280.20*	
		For Class 54 Rating, Add	*388.18*	
		For Class 55 Rating, Add	*580.22*	
		For Class 56 Rating, Add	*769.72*	
40 05 19 00-0621	EA	6" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,143.27	338.40
		For Class 52 Rating, Deduct	*-289.36*	
		For Class 54 Rating, Add	*400.73*	
		For Class 55 Rating, Add	*598.92*	
		For Class 56 Rating, Add	*794.47*	
40 05 19 00-0622	EA	6" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,231.82	341.89
		For Class 52 Rating, Deduct	*-298.52*	
		For Class 54 Rating, Add	*413.29*	
		For Class 55 Rating, Add	*617.61*	
		For Class 56 Rating, Add	*819.22*	
40 05 19 00-0623	EA	6" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,320.36	345.38
		For Class 52 Rating, Deduct	*-307.68*	
		For Class 54 Rating, Add	*425.84*	
		For Class 55 Rating, Add	*636.30*	
		For Class 56 Rating, Add	*843.97*	
40 05 19 00-0624	EA	6" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,408.92	348.87
		For Class 52 Rating, Deduct	*-316.84*	
		For Class 54 Rating, Add	*438.39*	
		For Class 55 Rating, Add	*655.00*	
		For Class 56 Rating, Add	*868.73*	
40 05 19 00-0625	EA	6" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,497.46	352.36
		For Class 52 Rating, Deduct	*-325.99*	
		For Class 54 Rating, Add	*450.94*	
		For Class 55 Rating, Add	*673.69*	
		For Class 56 Rating, Add	*893.48*	
40 05 19 00-0626	EA	6" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,586.01	355.85
		For Class 52 Rating, Deduct	*-335.15*	
		For Class 54 Rating, Add	*463.50*	
		For Class 55 Rating, Add	*692.39*	
		For Class 56 Rating, Add	*918.23*	
40 05 19 00-0627	EA	6" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,674.55	359.33
		For Class 52 Rating, Deduct	*-344.31*	
		For Class 54 Rating, Add	*476.05*	
		For Class 55 Rating, Add	*711.08*	
		For Class 56 Rating, Add	*942.98*	
40 05 19 00-0628	EA	6" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,763.10	362.82
		For Class 52 Rating, Deduct	*-353.47*	
		For Class 54 Rating, Add	*488.60*	
		For Class 55 Rating, Add	*729.78*	
		For Class 56 Rating, Add	*967.73*	
40 05 19 00-0629	EA	6" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,851.65	366.31
		For Class 52 Rating, Deduct	*-362.63*	
		For Class 54 Rating, Add	*501.15*	
		For Class 55 Rating, Add	*748.47*	
		For Class 56 Rating, Add	*992.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0630	EA	6" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,940.19	369.80
		For Class 52 Rating, Deduct	*-371.79*	
		For Class 54 Rating, Add	*513.71*	
		For Class 55 Rating, Add	*767.16*	
		For Class 56 Rating, Add	*1,017.24*	
40 05 19 00-0631	EA	6" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,028.75	373.29
		For Class 52 Rating, Deduct	*-380.95*	
		For Class 54 Rating, Add	*526.26*	
		For Class 55 Rating, Add	*785.86*	
		For Class 56 Rating, Add	*1,041.99*	
40 05 19 00-0632	EA	6" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,117.29	376.78
		For Class 52 Rating, Deduct	*-390.11*	
		For Class 54 Rating, Add	*538.81*	
		For Class 55 Rating, Add	*804.55*	
		For Class 56 Rating, Add	*1,066.75*	
40 05 19 00-0633	EA	6" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,205.84	380.27
		For Class 52 Rating, Deduct	*-399.26*	
		For Class 54 Rating, Add	*551.37*	
		For Class 55 Rating, Add	*823.25*	
		For Class 56 Rating, Add	*1,091.50*	
40 05 19 00-0634	EA	6" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,294.38	383.76
		For Class 52 Rating, Deduct	*-408.42*	
		For Class 54 Rating, Add	*563.92*	
		For Class 55 Rating, Add	*841.94*	
		For Class 56 Rating, Add	*1,116.25*	

40 05 19 00-0635 8" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0636	EA	8" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,287.68	320.96
		For Class 52 Rating, Deduct	*-88.15*	
		For Class 54 Rating, Add	*126.04*	
		For Class 55 Rating, Add	*190.38*	
		For Class 56 Rating, Add	*253.92*	
40 05 19 00-0637	EA	8" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,407.46	324.45
		For Class 52 Rating, Deduct	*-100.75*	
		For Class 54 Rating, Add	*143.28*	
		For Class 55 Rating, Add	*216.04*	
		For Class 56 Rating, Add	*287.88*	
40 05 19 00-0638	EA	8" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,527.22	327.93
		For Class 52 Rating, Deduct	*-113.34*	
		For Class 54 Rating, Add	*160.52*	
		For Class 55 Rating, Add	*241.69*	
		For Class 56 Rating, Add	*321.84*	
40 05 19 00-0639	EA	8" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,647.00	331.42
		For Class 52 Rating, Deduct	*-125.93*	
		For Class 54 Rating, Add	*177.75*	
		For Class 55 Rating, Add	*267.35*	
		For Class 56 Rating, Add	*355.81*	
40 05 19 00-0640	EA	8" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,766.77	334.91
		For Class 52 Rating, Deduct	*-138.53*	
		For Class 54 Rating, Add	*194.99*	
		For Class 55 Rating, Add	*293.01*	
		For Class 56 Rating, Add	*389.77*	
40 05 19 00-0641	EA	8" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,886.54	338.40
		For Class 52 Rating, Deduct	*-151.12*	
		For Class 54 Rating, Add	*212.22*	
		For Class 55 Rating, Add	*318.67*	
		For Class 56 Rating, Add	*423.73*	
40 05 19 00-0642	EA	8" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,006.32	341.89
		For Class 52 Rating, Deduct	*-163.71*	
		For Class 54 Rating, Add	*229.46*	
		For Class 55 Rating, Add	*344.32*	
		For Class 56 Rating, Add	*457.70*	
40 05 19 00-0643	EA	8" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,126.08	345.38
		For Class 52 Rating, Deduct	*-176.31*	
		For Class 54 Rating, Add	*246.70*	
		For Class 55 Rating, Add	*369.98*	
		For Class 56 Rating, Add	*491.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0644	EA	8" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,245.86	348.87
		For Class 52 Rating, Deduct	*-188.90*	
		For Class 54 Rating, Add	*263.93*	
		For Class 55 Rating, Add	*395.64*	
		For Class 56 Rating, Add	*525.62*	
40 05 19 00-0645	EA	8" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,365.62	352.36
		For Class 52 Rating, Deduct	*-201.49*	
		For Class 54 Rating, Add	*281.17*	
		For Class 55 Rating, Add	*421.29*	
		For Class 56 Rating, Add	*559.59*	
40 05 19 00-0646	EA	8" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,485.40	355.85
		For Class 52 Rating, Deduct	*-214.09*	
		For Class 54 Rating, Add	*298.41*	
		For Class 55 Rating, Add	*446.95*	
		For Class 56 Rating, Add	*593.55*	
40 05 19 00-0647	EA	8" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,605.16	359.33
		For Class 52 Rating, Deduct	*-226.68*	
		For Class 54 Rating, Add	*315.64*	
		For Class 55 Rating, Add	*472.61*	
		For Class 56 Rating, Add	*627.51*	
40 05 19 00-0648	EA	8" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,724.94	362.82
		For Class 52 Rating, Deduct	*-239.27*	
		For Class 54 Rating, Add	*332.88*	
		For Class 55 Rating, Add	*498.27*	
		For Class 56 Rating, Add	*661.48*	
40 05 19 00-0649	EA	8" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,844.71	366.31
		For Class 52 Rating, Deduct	*-251.87*	
		For Class 54 Rating, Add	*350.11*	
		For Class 55 Rating, Add	*523.92*	
		For Class 56 Rating, Add	*695.44*	
40 05 19 00-0650	EA	8" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,964.47	369.80
		For Class 52 Rating, Deduct	*-264.46*	
		For Class 54 Rating, Add	*367.35*	
		For Class 55 Rating, Add	*549.58*	
		For Class 56 Rating, Add	*729.40*	
40 05 19 00-0651	EA	8" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,084.25	373.29
		For Class 52 Rating, Deduct	*-277.05*	
		For Class 54 Rating, Add	*384.59*	
		For Class 55 Rating, Add	*575.24*	
		For Class 56 Rating, Add	*763.37*	
40 05 19 00-0652	EA	8" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,204.01	376.78
		For Class 52 Rating, Deduct	*-289.65*	
		For Class 54 Rating, Add	*401.82*	
		For Class 55 Rating, Add	*600.89*	
		For Class 56 Rating, Add	*797.33*	
40 05 19 00-0653	EA	8" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,323.79	380.27
		For Class 52 Rating, Deduct	*-302.24*	
		For Class 54 Rating, Add	*419.06*	
		For Class 55 Rating, Add	*626.55*	
		For Class 56 Rating, Add	*831.29*	
40 05 19 00-0654	EA	8" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,443.55	383.76
		For Class 52 Rating, Deduct	*-314.83*	
		For Class 54 Rating, Add	*436.29*	
		For Class 55 Rating, Add	*652.21*	
		For Class 56 Rating, Add	*865.25*	
40 05 19 00-0655	EA	8" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,563.33	387.24
		For Class 52 Rating, Deduct	*-327.43*	
		For Class 54 Rating, Add	*453.53*	
		For Class 55 Rating, Add	*677.86*	
		For Class 56 Rating, Add	*899.22*	
40 05 19 00-0656	EA	8" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,683.09	390.73
		For Class 52 Rating, Deduct	*-340.02*	
		For Class 54 Rating, Add	*470.77*	
		For Class 55 Rating, Add	*703.52*	
		For Class 56 Rating, Add	*933.18*	
40 05 19 00-0657	EA	8" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,802.87	394.22
		For Class 52 Rating, Deduct	*-352.61*	
		For Class 54 Rating, Add	*488.00*	
		For Class 55 Rating, Add	*729.18*	
		For Class 56 Rating, Add	*967.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0658	EA	8" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,922.64	397.71
		For Class 52 Rating, Deduct	*-365.21*	
		For Class 54 Rating, Add	*505.24*	
		For Class 55 Rating, Add	*754.83*	
		For Class 56 Rating, Add	*1,001.11*	
40 05 19 00-0659	EA	8" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,042.40	401.20
		For Class 52 Rating, Deduct	*-377.80*	
		For Class 54 Rating, Add	*522.47*	
		For Class 55 Rating, Add	*780.49*	
		For Class 56 Rating, Add	*1,035.07*	
40 05 19 00-0660	EA	8" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,162.18	404.69
		For Class 52 Rating, Deduct	*-390.39*	
		For Class 54 Rating, Add	*539.71*	
		For Class 55 Rating, Add	*806.15*	
		For Class 56 Rating, Add	*1,069.03*	
40 05 19 00-0661	EA	8" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,281.94	408.18
		For Class 52 Rating, Deduct	*-402.99*	
		For Class 54 Rating, Add	*556.95*	
		For Class 55 Rating, Add	*831.80*	
		For Class 56 Rating, Add	*1,103.00*	
40 05 19 00-0662	EA	8" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,401.72	411.67
		For Class 52 Rating, Deduct	*-415.58*	
		For Class 54 Rating, Add	*574.18*	
		For Class 55 Rating, Add	*857.46*	
		For Class 56 Rating, Add	*1,136.96*	
40 05 19 00-0663	EA	8" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,521.48	415.15
		For Class 52 Rating, Deduct	*-428.17*	
		For Class 54 Rating, Add	*591.42*	
		For Class 55 Rating, Add	*883.12*	
		For Class 56 Rating, Add	*1,170.92*	
40 05 19 00-0664	EA	8" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,641.26	418.64
		For Class 52 Rating, Deduct	*-440.77*	
		For Class 54 Rating, Add	*608.66*	
		For Class 55 Rating, Add	*908.78*	
		For Class 56 Rating, Add	*1,204.89*	
40 05 19 00-0665	EA	8" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,761.02	422.13
		For Class 52 Rating, Deduct	*-453.36*	
		For Class 54 Rating, Add	*625.89*	
		For Class 55 Rating, Add	*934.43*	
		For Class 56 Rating, Add	*1,238.85*	
40 05 19 00-0666	EA	8" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,880.80	425.62
		For Class 52 Rating, Deduct	*-465.95*	
		For Class 54 Rating, Add	*643.13*	
		For Class 55 Rating, Add	*960.09*	
		For Class 56 Rating, Add	*1,272.81*	
40 05 19 00-0667	EA	8" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,000.57	429.10
		For Class 52 Rating, Deduct	*-478.55*	
		For Class 54 Rating, Add	*660.36*	
		For Class 55 Rating, Add	*985.75*	
		For Class 56 Rating, Add	*1,306.78*	
40 05 19 00-0668	EA	8" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,120.33	432.59
		For Class 52 Rating, Deduct	*-491.14*	
		For Class 54 Rating, Add	*677.60*	
		For Class 55 Rating, Add	*1,011.40*	
		For Class 56 Rating, Add	*1,340.74*	
40 05 19 00-0669	EA	8" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,240.11	436.08
		For Class 52 Rating, Deduct	*-503.73*	
		For Class 54 Rating, Add	*694.84*	
		For Class 55 Rating, Add	*1,037.06*	
		For Class 56 Rating, Add	*1,374.70*	
40 05 19 00-0670	EA	8" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,359.87	439.57
		For Class 52 Rating, Deduct	*-516.32*	
		For Class 54 Rating, Add	*712.07*	
		For Class 55 Rating, Add	*1,062.72*	
		For Class 56 Rating, Add	*1,408.67*	
40 05 19 00-0671	EA	8" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,479.65	443.05
		For Class 52 Rating, Deduct	*-528.92*	
		For Class 54 Rating, Add	*729.31*	
		For Class 55 Rating, Add	*1,088.37*	
		For Class 56 Rating, Add	*1,442.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0672	EA	8" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,599.41	446.54
		For Class 52 Rating, Deduct	*-541.51*	
		For Class 54 Rating, Add	*746.54*	
		For Class 55 Rating, Add	*1,114.03*	
		For Class 56 Rating, Add	*1,476.59*	
40 05 19 00-0673	EA	8" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,719.19	450.03
		For Class 52 Rating, Deduct	*-554.11*	
		For Class 54 Rating, Add	*763.78*	
		For Class 55 Rating, Add	*1,139.69*	
		For Class 56 Rating, Add	*1,510.56*	
40 05 19 00-0674	EA	8" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,838.95	453.52
		For Class 52 Rating, Deduct	*-566.70*	
		For Class 54 Rating, Add	*781.02*	
		For Class 55 Rating, Add	*1,165.34*	
		For Class 56 Rating, Add	*1,544.52*	

40 05 19 00-0675 10" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0676	EA	10" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,617.17	390.73
		For Class 52 Rating, Deduct	*-112.77*	
		For Class 54 Rating, Add	*160.88*	
		For Class 55 Rating, Add	*242.82*	
		For Class 56 Rating, Add	*323.73*	
40 05 19 00-0677	EA	10" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,773.37	394.22
		For Class 52 Rating, Deduct	*-129.37*	
		For Class 54 Rating, Add	*183.58*	
		For Class 55 Rating, Add	*276.60*	
		For Class 56 Rating, Add	*368.44*	
40 05 19 00-0678	EA	10" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,929.57	397.71
		For Class 52 Rating, Deduct	*-145.97*	
		For Class 54 Rating, Add	*206.28*	
		For Class 55 Rating, Add	*310.38*	
		For Class 56 Rating, Add	*413.15*	
40 05 19 00-0679	EA	10" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,085.76	401.20
		For Class 52 Rating, Deduct	*-162.57*	
		For Class 54 Rating, Add	*228.98*	
		For Class 55 Rating, Add	*344.16*	
		For Class 56 Rating, Add	*457.86*	
40 05 19 00-0680	EA	10" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,241.96	404.69
		For Class 52 Rating, Deduct	*-179.17*	
		For Class 54 Rating, Add	*251.68*	
		For Class 55 Rating, Add	*377.94*	
		For Class 56 Rating, Add	*502.57*	
40 05 19 00-0681	EA	10" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,398.15	408.18
		For Class 52 Rating, Deduct	*-195.77*	
		For Class 54 Rating, Add	*274.38*	
		For Class 55 Rating, Add	*411.72*	
		For Class 56 Rating, Add	*547.28*	
40 05 19 00-0682	EA	10" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,554.35	411.67
		For Class 52 Rating, Deduct	*-212.37*	
		For Class 54 Rating, Add	*297.08*	
		For Class 55 Rating, Add	*445.50*	
		For Class 56 Rating, Add	*591.99*	
40 05 19 00-0683	EA	10" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,710.55	415.15
		For Class 52 Rating, Deduct	*-228.97*	
		For Class 54 Rating, Add	*319.78*	
		For Class 55 Rating, Add	*479.28*	
		For Class 56 Rating, Add	*636.70*	
40 05 19 00-0684	EA	10" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,866.75	418.64
		For Class 52 Rating, Deduct	*-245.57*	
		For Class 54 Rating, Add	*342.48*	
		For Class 55 Rating, Add	*513.06*	
		For Class 56 Rating, Add	*681.41*	
40 05 19 00-0685	EA	10" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,022.94	422.13
		For Class 52 Rating, Deduct	*-262.17*	
		For Class 54 Rating, Add	*365.18*	
		For Class 55 Rating, Add	*546.84*	
		For Class 56 Rating, Add	*726.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0686	EA	10" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,179.14	425.62
		For Class 52 Rating, Deduct	*-278.77*	
		For Class 54 Rating, Add	*387.88*	
		For Class 55 Rating, Add	*580.62*	
		For Class 56 Rating, Add	*770.82*	
40 05 19 00-0687	EA	10" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,335.34	429.10
		For Class 52 Rating, Deduct	*-295.37*	
		For Class 54 Rating, Add	*410.58*	
		For Class 55 Rating, Add	*614.40*	
		For Class 56 Rating, Add	*815.53*	
40 05 19 00-0688	EA	10" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,491.53	432.59
		For Class 52 Rating, Deduct	*-311.97*	
		For Class 54 Rating, Add	*433.28*	
		For Class 55 Rating, Add	*648.18*	
		For Class 56 Rating, Add	*860.24*	
40 05 19 00-0689	EA	10" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,647.73	436.08
		For Class 52 Rating, Deduct	*-328.57*	
		For Class 54 Rating, Add	*455.98*	
		For Class 55 Rating, Add	*681.96*	
		For Class 56 Rating, Add	*904.95*	
40 05 19 00-0690	EA	10" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,803.93	439.57
		For Class 52 Rating, Deduct	*-345.17*	
		For Class 54 Rating, Add	*478.68*	
		For Class 55 Rating, Add	*715.74*	
		For Class 56 Rating, Add	*949.66*	
40 05 19 00-0691	EA	10" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,960.13	443.05
		For Class 52 Rating, Deduct	*-361.77*	
		For Class 54 Rating, Add	*501.38*	
		For Class 55 Rating, Add	*749.52*	
		For Class 56 Rating, Add	*994.37*	
40 05 19 00-0692	EA	10" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,116.32	446.54
		For Class 52 Rating, Deduct	*-378.37*	
		For Class 54 Rating, Add	*524.08*	
		For Class 55 Rating, Add	*783.30*	
		For Class 56 Rating, Add	*1,039.08*	
40 05 19 00-0693	EA	10" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,272.52	450.03
		For Class 52 Rating, Deduct	*-394.97*	
		For Class 54 Rating, Add	*546.78*	
		For Class 55 Rating, Add	*817.08*	
		For Class 56 Rating, Add	*1,083.79*	
40 05 19 00-0694	EA	10" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,428.71	453.52
		For Class 52 Rating, Deduct	*-411.57*	
		For Class 54 Rating, Add	*569.48*	
		For Class 55 Rating, Add	*850.86*	
		For Class 56 Rating, Add	*1,128.50*	
40 05 19 00-0695	EA	10" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,584.91	457.01
		For Class 52 Rating, Deduct	*-428.17*	
		For Class 54 Rating, Add	*592.18*	
		For Class 55 Rating, Add	*884.64*	
		For Class 56 Rating, Add	*1,173.21*	
40 05 19 00-0696	EA	10" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,741.12	460.50
		For Class 52 Rating, Deduct	*-444.77*	
		For Class 54 Rating, Add	*614.88*	
		For Class 55 Rating, Add	*918.42*	
		For Class 56 Rating, Add	*1,217.92*	
40 05 19 00-0697	EA	10" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,897.32	463.99
		For Class 52 Rating, Deduct	*-461.37*	
		For Class 54 Rating, Add	*637.58*	
		For Class 55 Rating, Add	*952.20*	
		For Class 56 Rating, Add	*1,262.63*	
40 05 19 00-0698	EA	10" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,053.52	467.48
		For Class 52 Rating, Deduct	*-477.97*	
		For Class 54 Rating, Add	*660.28*	
		For Class 55 Rating, Add	*985.98*	
		For Class 56 Rating, Add	*1,307.34*	
40 05 19 00-0699	EA	10" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,209.71	470.96
		For Class 52 Rating, Deduct	*-494.57*	
		For Class 54 Rating, Add	*682.98*	
		For Class 55 Rating, Add	*1,019.76*	
		For Class 56 Rating, Add	*1,352.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0700	EA	10" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,365.91	474.45
		For Class 52 Rating, Deduct	*-511.17*	
		For Class 54 Rating, Add	*705.68*	
		For Class 55 Rating, Add	*1,053.54*	
		For Class 56 Rating, Add	*1,396.75*	
40 05 19 00-0701	EA	10" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,522.10	477.94
		For Class 52 Rating, Deduct	*-527.77*	
		For Class 54 Rating, Add	*728.38*	
		For Class 55 Rating, Add	*1,087.32*	
		For Class 56 Rating, Add	*1,441.46*	
40 05 19 00-0702	EA	10" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,678.30	481.43
		For Class 52 Rating, Deduct	*-544.37*	
		For Class 54 Rating, Add	*751.08*	
		For Class 55 Rating, Add	*1,121.10*	
		For Class 56 Rating, Add	*1,486.17*	
40 05 19 00-0703	EA	10" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,834.49	484.92
		For Class 52 Rating, Deduct	*-560.97*	
		For Class 54 Rating, Add	*773.78*	
		For Class 55 Rating, Add	*1,154.88*	
		For Class 56 Rating, Add	*1,530.88*	
40 05 19 00-0704	EA	10" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,990.69	488.41
		For Class 52 Rating, Deduct	*-577.57*	
		For Class 54 Rating, Add	*796.48*	
		For Class 55 Rating, Add	*1,188.66*	
		For Class 56 Rating, Add	*1,575.59*	
40 05 19 00-0705	EA	10" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,146.90	491.90
		For Class 52 Rating, Deduct	*-594.17*	
		For Class 54 Rating, Add	*819.18*	
		For Class 55 Rating, Add	*1,222.44*	
		For Class 56 Rating, Add	*1,620.30*	
40 05 19 00-0706	EA	10" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,303.09	495.39
		For Class 52 Rating, Deduct	*-610.78*	
		For Class 54 Rating, Add	*841.88*	
		For Class 55 Rating, Add	*1,256.22*	
		For Class 56 Rating, Add	*1,665.01*	
40 05 19 00-0707	EA	10" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,459.29	498.87
		For Class 52 Rating, Deduct	*-627.38*	
		For Class 54 Rating, Add	*864.58*	
		For Class 55 Rating, Add	*1,290.00*	
		For Class 56 Rating, Add	*1,709.72*	
40 05 19 00-0708	EA	10" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,615.48	502.36
		For Class 52 Rating, Deduct	*-643.98*	
		For Class 54 Rating, Add	*887.28*	
		For Class 55 Rating, Add	*1,323.78*	
		For Class 56 Rating, Add	*1,754.43*	
40 05 19 00-0709	EA	10" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,771.68	505.85
		For Class 52 Rating, Deduct	*-660.58*	
		For Class 54 Rating, Add	*909.98*	
		For Class 55 Rating, Add	*1,357.56*	
		For Class 56 Rating, Add	*1,799.14*	
40 05 19 00-0710	EA	10" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,927.87	509.34
		For Class 52 Rating, Deduct	*-677.18*	
		For Class 54 Rating, Add	*932.68*	
		For Class 55 Rating, Add	*1,391.34*	
		For Class 56 Rating, Add	*1,843.84*	
40 05 19 00-0711	EA	10" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,084.07	512.83
		For Class 52 Rating, Deduct	*-693.78*	
		For Class 54 Rating, Add	*955.38*	
		For Class 55 Rating, Add	*1,425.12*	
		For Class 56 Rating, Add	*1,888.55*	
40 05 19 00-0712	EA	10" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,240.27	516.32
		For Class 52 Rating, Deduct	*-710.38*	
		For Class 54 Rating, Add	*978.08*	
		For Class 55 Rating, Add	*1,458.90*	
		For Class 56 Rating, Add	*1,933.26*	
40 05 19 00-0713	EA	10" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,396.47	519.81
		For Class 52 Rating, Deduct	*-726.98*	
		For Class 54 Rating, Add	*1,000.78*	
		For Class 55 Rating, Add	*1,492.68*	
		For Class 56 Rating, Add	*1,977.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0714	EA	10" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,552.67	523.30
		For Class 52 Rating, Deduct	*-743.58*	
		For Class 54 Rating, Add	*1,023.48*	
		For Class 55 Rating, Add	*1,526.46*	
		For Class 56 Rating, Add	*2,022.68*	

40 05 19 00-0715 12" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0716	EA	12" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,098.22	488.41
		For Class 52 Rating, Deduct	*-149.40*	
		For Class 54 Rating, Add	*212.61*	
		For Class 55 Rating, Add	*320.64*	
		For Class 56 Rating, Add	*427.31*	
40 05 19 00-0717	EA	12" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,293.45	491.90
		For Class 52 Rating, Deduct	*-170.30*	
		For Class 54 Rating, Add	*241.16*	
		For Class 55 Rating, Add	*363.12*	
		For Class 56 Rating, Add	*483.53*	
40 05 19 00-0718	EA	12" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,488.67	495.39
		For Class 52 Rating, Deduct	*-191.19*	
		For Class 54 Rating, Add	*269.72*	
		For Class 55 Rating, Add	*405.61*	
		For Class 56 Rating, Add	*539.75*	
40 05 19 00-0719	EA	12" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,683.90	498.87
		For Class 52 Rating, Deduct	*-212.08*	
		For Class 54 Rating, Add	*298.27*	
		For Class 55 Rating, Add	*448.09*	
		For Class 56 Rating, Add	*595.98*	
40 05 19 00-0720	EA	12" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,879.12	502.36
		For Class 52 Rating, Deduct	*-232.98*	
		For Class 54 Rating, Add	*326.83*	
		For Class 55 Rating, Add	*490.57*	
		For Class 56 Rating, Add	*652.20*	
40 05 19 00-0721	EA	12" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,074.35	505.85
		For Class 52 Rating, Deduct	*-253.87*	
		For Class 54 Rating, Add	*355.38*	
		For Class 55 Rating, Add	*533.06*	
		For Class 56 Rating, Add	*708.42*	
40 05 19 00-0722	EA	12" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,269.57	509.34
		For Class 52 Rating, Deduct	*-274.76*	
		For Class 54 Rating, Add	*383.94*	
		For Class 55 Rating, Add	*575.54*	
		For Class 56 Rating, Add	*764.65*	
40 05 19 00-0723	EA	12" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,464.80	512.83
		For Class 52 Rating, Deduct	*-295.66*	
		For Class 54 Rating, Add	*412.49*	
		For Class 55 Rating, Add	*618.02*	
		For Class 56 Rating, Add	*820.87*	
40 05 19 00-0724	EA	12" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,660.02	516.32
		For Class 52 Rating, Deduct	*-316.55*	
		For Class 54 Rating, Add	*441.05*	
		For Class 55 Rating, Add	*660.51*	
		For Class 56 Rating, Add	*877.09*	
40 05 19 00-0725	EA	12" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,855.25	519.81
		For Class 52 Rating, Deduct	*-337.44*	
		For Class 54 Rating, Add	*469.60*	
		For Class 55 Rating, Add	*702.99*	
		For Class 56 Rating, Add	*933.31*	
40 05 19 00-0726	EA	12" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,050.48	523.30
		For Class 52 Rating, Deduct	*-358.34*	
		For Class 54 Rating, Add	*498.15*	
		For Class 55 Rating, Add	*745.47*	
		For Class 56 Rating, Add	*989.54*	
40 05 19 00-0727	EA	12" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,245.70	526.79
		For Class 52 Rating, Deduct	*-379.23*	
		For Class 54 Rating, Add	*526.71*	
		For Class 55 Rating, Add	*787.96*	
		For Class 56 Rating, Add	*1,045.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0728	EA	12" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,440.93	530.27
		For Class 52 Rating, Deduct	*-400.12*	
		For Class 54 Rating, Add	*555.26*	
		For Class 55 Rating, Add	*830.44*	
		For Class 56 Rating, Add	*1,101.98*	
40 05 19 00-0729	EA	12" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,636.15	533.76
		For Class 52 Rating, Deduct	*-421.02*	
		For Class 54 Rating, Add	*583.82*	
		For Class 55 Rating, Add	*872.92*	
		For Class 56 Rating, Add	*1,158.20*	
40 05 19 00-0730	EA	12" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,831.38	537.25
		For Class 52 Rating, Deduct	*-441.91*	
		For Class 54 Rating, Add	*612.37*	
		For Class 55 Rating, Add	*915.41*	
		For Class 56 Rating, Add	*1,214.43*	
40 05 19 00-0731	EA	12" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,026.60	540.74
		For Class 52 Rating, Deduct	*-462.80*	
		For Class 54 Rating, Add	*640.93*	
		For Class 55 Rating, Add	*957.89*	
		For Class 56 Rating, Add	*1,270.65*	
40 05 19 00-0732	EA	12" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,221.83	544.23
		For Class 52 Rating, Deduct	*-483.70*	
		For Class 54 Rating, Add	*669.48*	
		For Class 55 Rating, Add	*1,000.37*	
		For Class 56 Rating, Add	*1,326.87*	
40 05 19 00-0733	EA	12" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,417.05	547.72
		For Class 52 Rating, Deduct	*-504.59*	
		For Class 54 Rating, Add	*698.04*	
		For Class 55 Rating, Add	*1,042.86*	
		For Class 56 Rating, Add	*1,383.09*	
40 05 19 00-0734	EA	12" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,612.29	551.21
		For Class 52 Rating, Deduct	*-525.48*	
		For Class 54 Rating, Add	*726.59*	
		For Class 55 Rating, Add	*1,085.34*	
		For Class 56 Rating, Add	*1,439.32*	
40 05 19 00-0735	EA	12" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,807.52	554.70
		For Class 52 Rating, Deduct	*-546.38*	
		For Class 54 Rating, Add	*755.15*	
		For Class 55 Rating, Add	*1,127.83*	
		For Class 56 Rating, Add	*1,495.54*	
40 05 19 00-0736	EA	12" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,002.74	558.18
		For Class 52 Rating, Deduct	*-567.27*	
		For Class 54 Rating, Add	*783.70*	
		For Class 55 Rating, Add	*1,170.31*	
		For Class 56 Rating, Add	*1,551.76*	
40 05 19 00-0737	EA	12" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,197.97	561.67
		For Class 52 Rating, Deduct	*-588.16*	
		For Class 54 Rating, Add	*812.25*	
		For Class 55 Rating, Add	*1,212.79*	
		For Class 56 Rating, Add	*1,607.99*	
40 05 19 00-0738	EA	12" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,393.19	565.16
		For Class 52 Rating, Deduct	*-609.06*	
		For Class 54 Rating, Add	*840.81*	
		For Class 55 Rating, Add	*1,255.28*	
		For Class 56 Rating, Add	*1,664.21*	
40 05 19 00-0739	EA	12" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,588.42	568.65
		For Class 52 Rating, Deduct	*-629.95*	
		For Class 54 Rating, Add	*869.36*	
		For Class 55 Rating, Add	*1,297.76*	
		For Class 56 Rating, Add	*1,720.43*	
40 05 19 00-0740	EA	12" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,783.64	572.14
		For Class 52 Rating, Deduct	*-650.84*	
		For Class 54 Rating, Add	*897.92*	
		For Class 55 Rating, Add	*1,340.24*	
		For Class 56 Rating, Add	*1,776.65*	
40 05 19 00-0741	EA	12" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,978.87	575.63
		For Class 52 Rating, Deduct	*-671.74*	
		For Class 54 Rating, Add	*926.47*	
		For Class 55 Rating, Add	*1,382.73*	
		For Class 56 Rating, Add	*1,832.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0742	EA	12" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,174.09	579.12
		For Class 52 Rating, Deduct	*-692.63*	
		For Class 54 Rating, Add	*955.03*	
		For Class 55 Rating, Add	*1,425.21*	
		For Class 56 Rating, Add	*1,889.10*	
40 05 19 00-0743	EA	12" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,369.32	582.61
		For Class 52 Rating, Deduct	*-713.52*	
		For Class 54 Rating, Add	*983.58*	
		For Class 55 Rating, Add	*1,467.70*	
		For Class 56 Rating, Add	*1,945.32*	
40 05 19 00-0744	EA	12" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,564.55	586.09
		For Class 52 Rating, Deduct	*-734.42*	
		For Class 54 Rating, Add	*1,012.14*	
		For Class 55 Rating, Add	*1,510.18*	
		For Class 56 Rating, Add	*2,001.55*	
40 05 19 00-0745	EA	12" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,759.78	589.58
		For Class 52 Rating, Deduct	*-755.31*	
		For Class 54 Rating, Add	*1,040.69*	
		For Class 55 Rating, Add	*1,552.66*	
		For Class 56 Rating, Add	*2,057.77*	
40 05 19 00-0746	EA	12" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,955.01	593.07
		For Class 52 Rating, Deduct	*-776.21*	
		For Class 54 Rating, Add	*1,069.24*	
		For Class 55 Rating, Add	*1,595.15*	
		For Class 56 Rating, Add	*2,113.99*	
40 05 19 00-0747	EA	12" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,150.23	596.56
		For Class 52 Rating, Deduct	*-797.10*	
		For Class 54 Rating, Add	*1,097.80*	
		For Class 55 Rating, Add	*1,637.63*	
		For Class 56 Rating, Add	*2,170.21*	
40 05 19 00-0748	EA	12" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,345.46	600.05
		For Class 52 Rating, Deduct	*-817.99*	
		For Class 54 Rating, Add	*1,126.35*	
		For Class 55 Rating, Add	*1,680.11*	
		For Class 56 Rating, Add	*2,226.44*	
40 05 19 00-0749	EA	12" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,540.68	603.54
		For Class 52 Rating, Deduct	*-838.89*	
		For Class 54 Rating, Add	*1,154.91*	
		For Class 55 Rating, Add	*1,722.60*	
		For Class 56 Rating, Add	*2,282.66*	
40 05 19 00-0750	EA	12" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,735.91	607.03
		For Class 52 Rating, Deduct	*-859.78*	
		For Class 54 Rating, Add	*1,183.46*	
		For Class 55 Rating, Add	*1,765.08*	
		For Class 56 Rating, Add	*2,338.88*	
40 05 19 00-0751	EA	12" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,931.14	610.52
		For Class 52 Rating, Deduct	*-880.67*	
		For Class 54 Rating, Add	*1,212.02*	
		For Class 55 Rating, Add	*1,807.56*	
		For Class 56 Rating, Add	*2,395.10*	
40 05 19 00-0752	EA	12" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,126.36	614.00
		For Class 52 Rating, Deduct	*-901.57*	
		For Class 54 Rating, Add	*1,240.57*	
		For Class 55 Rating, Add	*1,850.05*	
		For Class 56 Rating, Add	*2,451.33*	
40 05 19 00-0753	EA	12" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,321.59	617.49
		For Class 52 Rating, Deduct	*-922.46*	
		For Class 54 Rating, Add	*1,269.13*	
		For Class 55 Rating, Add	*1,892.53*	
		For Class 56 Rating, Add	*2,507.55*	
40 05 19 00-0754	EA	12" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,516.81	620.98
		For Class 52 Rating, Deduct	*-943.35*	
		For Class 54 Rating, Add	*1,297.68*	
		For Class 55 Rating, Add	*1,935.01*	
		For Class 56 Rating, Add	*2,563.77*	

40 05 19 00-0755 14" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0756	EA	14" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,917.52	586.09
		For Class 52 Rating, Deduct	*-223.25*	
		For Class 54 Rating, Add	*315.08*	
		For Class 55 Rating, Add	*473.89*	
		For Class 56 Rating, Add	*630.67*	
40 05 19 00-0757	EA	14" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,154.38	589.58
		For Class 52 Rating, Deduct	*-248.72*	
		For Class 54 Rating, Add	*349.88*	
		For Class 55 Rating, Add	*525.66*	
		For Class 56 Rating, Add	*699.17*	
40 05 19 00-0758	EA	14" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,391.24	593.07
		For Class 52 Rating, Deduct	*-274.19*	
		For Class 54 Rating, Add	*384.68*	
		For Class 55 Rating, Add	*577.43*	
		For Class 56 Rating, Add	*767.68*	
40 05 19 00-0759	EA	14" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,628.09	596.56
		For Class 52 Rating, Deduct	*-299.66*	
		For Class 54 Rating, Add	*419.48*	
		For Class 55 Rating, Add	*629.19*	
		For Class 56 Rating, Add	*836.18*	
40 05 19 00-0760	EA	14" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,864.95	600.05
		For Class 52 Rating, Deduct	*-325.14*	
		For Class 54 Rating, Add	*454.28*	
		For Class 55 Rating, Add	*680.96*	
		For Class 56 Rating, Add	*904.69*	
40 05 19 00-0761	EA	14" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,101.80	603.54
		For Class 52 Rating, Deduct	*-350.61*	
		For Class 54 Rating, Add	*489.08*	
		For Class 55 Rating, Add	*732.73*	
		For Class 56 Rating, Add	*973.19*	
40 05 19 00-0762	EA	14" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,338.66	607.03
		For Class 52 Rating, Deduct	*-376.08*	
		For Class 54 Rating, Add	*523.87*	
		For Class 55 Rating, Add	*784.49*	
		For Class 56 Rating, Add	*1,041.69*	
40 05 19 00-0763	EA	14" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,575.52	610.52
		For Class 52 Rating, Deduct	*-401.55*	
		For Class 54 Rating, Add	*558.67*	
		For Class 55 Rating, Add	*836.26*	
		For Class 56 Rating, Add	*1,110.20*	
40 05 19 00-0764	EA	14" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,812.37	614.00
		For Class 52 Rating, Deduct	*-427.03*	
		For Class 54 Rating, Add	*593.47*	
		For Class 55 Rating, Add	*888.03*	
		For Class 56 Rating, Add	*1,178.70*	
40 05 19 00-0765	EA	14" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,049.24	617.49
		For Class 52 Rating, Deduct	*-452.50*	
		For Class 54 Rating, Add	*628.27*	
		For Class 55 Rating, Add	*939.80*	
		For Class 56 Rating, Add	*1,247.21*	
40 05 19 00-0766	EA	14" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,286.09	620.98
		For Class 52 Rating, Deduct	*-477.97*	
		For Class 54 Rating, Add	*663.07*	
		For Class 55 Rating, Add	*991.56*	
		For Class 56 Rating, Add	*1,315.71*	
40 05 19 00-0767	EA	14" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,522.95	624.47
		For Class 52 Rating, Deduct	*-503.45*	
		For Class 54 Rating, Add	*697.87*	
		For Class 55 Rating, Add	*1,043.33*	
		For Class 56 Rating, Add	*1,384.21*	
40 05 19 00-0768	EA	14" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,759.80	627.96
		For Class 52 Rating, Deduct	*-528.92*	
		For Class 54 Rating, Add	*732.67*	
		For Class 55 Rating, Add	*1,095.10*	
		For Class 56 Rating, Add	*1,452.72*	
40 05 19 00-0769	EA	14" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,996.66	631.45
		For Class 52 Rating, Deduct	*-554.39*	
		For Class 54 Rating, Add	*767.47*	
		For Class 55 Rating, Add	*1,146.86*	
		For Class 56 Rating, Add	*1,521.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0770	EA	14" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,233.51	634.94
		For Class 52 Rating, Deduct	*-579.86*	
		For Class 54 Rating, Add	*802.27*	
		For Class 55 Rating, Add	*1,198.63*	
		For Class 56 Rating, Add	*1,589.72*	
40 05 19 00-0771	EA	14" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,470.37	638.43
		For Class 52 Rating, Deduct	*-605.34*	
		For Class 54 Rating, Add	*837.07*	
		For Class 55 Rating, Add	*1,250.40*	
		For Class 56 Rating, Add	*1,658.23*	
40 05 19 00-0772	EA	14" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,707.23	641.91
		For Class 52 Rating, Deduct	*-630.81*	
		For Class 54 Rating, Add	*871.87*	
		For Class 55 Rating, Add	*1,302.16*	
		For Class 56 Rating, Add	*1,726.73*	
40 05 19 00-0773	EA	14" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,944.08	645.40
		For Class 52 Rating, Deduct	*-656.28*	
		For Class 54 Rating, Add	*906.66*	
		For Class 55 Rating, Add	*1,353.93*	
		For Class 56 Rating, Add	*1,795.23*	
40 05 19 00-0774	EA	14" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,180.94	648.89
		For Class 52 Rating, Deduct	*-681.75*	
		For Class 54 Rating, Add	*941.46*	
		For Class 55 Rating, Add	*1,405.70*	
		For Class 56 Rating, Add	*1,863.74*	
40 05 19 00-0775	EA	14" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,417.79	652.38
		For Class 52 Rating, Deduct	*-707.23*	
		For Class 54 Rating, Add	*976.26*	
		For Class 55 Rating, Add	*1,457.47*	
		For Class 56 Rating, Add	*1,932.24*	
40 05 19 00-0776	EA	14" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,654.66	655.87
		For Class 52 Rating, Deduct	*-732.70*	
		For Class 54 Rating, Add	*1,011.06*	
		For Class 55 Rating, Add	*1,509.23*	
		For Class 56 Rating, Add	*2,000.75*	
40 05 19 00-0777	EA	14" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,891.51	659.36
		For Class 52 Rating, Deduct	*-758.17*	
		For Class 54 Rating, Add	*1,045.86*	
		For Class 55 Rating, Add	*1,561.00*	
		For Class 56 Rating, Add	*2,069.25*	
40 05 19 00-0778	EA	14" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,128.37	662.85
		For Class 52 Rating, Deduct	*-783.65*	
		For Class 54 Rating, Add	*1,080.66*	
		For Class 55 Rating, Add	*1,612.77*	
		For Class 56 Rating, Add	*2,137.75*	
40 05 19 00-0779	EA	14" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,365.22	666.34
		For Class 52 Rating, Deduct	*-809.12*	
		For Class 54 Rating, Add	*1,115.46*	
		For Class 55 Rating, Add	*1,664.54*	
		For Class 56 Rating, Add	*2,206.26*	
40 05 19 00-0780	EA	14" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,602.08	669.82
		For Class 52 Rating, Deduct	*-834.59*	
		For Class 54 Rating, Add	*1,150.26*	
		For Class 55 Rating, Add	*1,716.30*	
		For Class 56 Rating, Add	*2,274.76*	
40 05 19 00-0781	EA	14" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,838.94	673.31
		For Class 52 Rating, Deduct	*-860.06*	
		For Class 54 Rating, Add	*1,185.06*	
		For Class 55 Rating, Add	*1,768.07*	
		For Class 56 Rating, Add	*2,343.26*	
40 05 19 00-0782	EA	14" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,075.79	676.80
		For Class 52 Rating, Deduct	*-885.54*	
		For Class 54 Rating, Add	*1,219.86*	
		For Class 55 Rating, Add	*1,819.84*	
		For Class 56 Rating, Add	*2,411.77*	
40 05 19 00-0783	EA	14" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,312.65	680.29
		For Class 52 Rating, Deduct	*-911.01*	
		For Class 54 Rating, Add	*1,254.66*	
		For Class 55 Rating, Add	*1,871.60*	
		For Class 56 Rating, Add	*2,480.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0784	EA	14" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,549.50	683.78
		For Class 52 Rating, Deduct	*-936.48*	
		For Class 54 Rating, Add	*1,289.45*	
		For Class 55 Rating, Add	*1,923.37*	
		For Class 56 Rating, Add	*2,548.77*	
40 05 19 00-0785	EA	14" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,786.36	687.27
		For Class 52 Rating, Deduct	*-961.96*	
		For Class 54 Rating, Add	*1,324.25*	
		For Class 55 Rating, Add	*1,975.14*	
		For Class 56 Rating, Add	*2,617.28*	
40 05 19 00-0786	EA	14" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,023.21	690.76
		For Class 52 Rating, Deduct	*-987.43*	
		For Class 54 Rating, Add	*1,359.05*	
		For Class 55 Rating, Add	*2,026.90*	
		For Class 56 Rating, Add	*2,685.78*	
40 05 19 00-0787	EA	14" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,260.07	694.25
		For Class 52 Rating, Deduct	*-1,012.90*	
		For Class 54 Rating, Add	*1,393.85*	
		For Class 55 Rating, Add	*2,078.67*	
		For Class 56 Rating, Add	*2,754.28*	
40 05 19 00-0788	EA	14" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,496.93	697.74
		For Class 52 Rating, Deduct	*-1,038.37*	
		For Class 54 Rating, Add	*1,428.65*	
		For Class 55 Rating, Add	*2,130.44*	
		For Class 56 Rating, Add	*2,822.79*	
40 05 19 00-0789	EA	14" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,733.79	701.22
		For Class 52 Rating, Deduct	*-1,063.85*	
		For Class 54 Rating, Add	*1,463.45*	
		For Class 55 Rating, Add	*2,182.21*	
		For Class 56 Rating, Add	*2,891.29*	
40 05 19 00-0790	EA	14" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,970.65	704.71
		For Class 52 Rating, Deduct	*-1,089.32*	
		For Class 54 Rating, Add	*1,498.25*	
		For Class 55 Rating, Add	*2,233.97*	
		For Class 56 Rating, Add	*2,959.80*	
40 05 19 00-0791	EA	14" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,207.50	708.20
		For Class 52 Rating, Deduct	*-1,114.79*	
		For Class 54 Rating, Add	*1,533.05*	
		For Class 55 Rating, Add	*2,285.74*	
		For Class 56 Rating, Add	*3,028.30*	
40 05 19 00-0792	EA	14" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,444.36	711.69
		For Class 52 Rating, Deduct	*-1,140.27*	
		For Class 54 Rating, Add	*1,567.85*	
		For Class 55 Rating, Add	*2,337.51*	
		For Class 56 Rating, Add	*3,096.80*	
40 05 19 00-0793	EA	14" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,681.21	715.17
		For Class 52 Rating, Deduct	*-1,165.74*	
		For Class 54 Rating, Add	*1,602.65*	
		For Class 55 Rating, Add	*2,389.28*	
		For Class 56 Rating, Add	*3,165.31*	

40 05 19 00-0794 16" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0795	EA	16" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,416.45	669.82
		For Class 52 Rating, Deduct	*-264.17*	
		For Class 54 Rating, Add	*372.41*	
		For Class 55 Rating, Add	*559.91*	
		For Class 56 Rating, Add	*745.00*	
40 05 19 00-0796	EA	16" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,692.34	673.31
		For Class 52 Rating, Deduct	*-293.94*	
		For Class 54 Rating, Add	*413.07*	
		For Class 55 Rating, Add	*620.38*	
		For Class 56 Rating, Add	*825.02*	
40 05 19 00-0797	EA	16" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,968.22	676.80
		For Class 52 Rating, Deduct	*-323.70*	
		For Class 54 Rating, Add	*453.72*	
		For Class 55 Rating, Add	*680.85*	
		For Class 56 Rating, Add	*905.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0798	EA	16" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,244.11	680.29
		For Class 52 Rating, Deduct	*-353.47*	
		For Class 54 Rating, Add	*494.37*	
		For Class 55 Rating, Add	*741.32*	
		For Class 56 Rating, Add	*985.05*	
40 05 19 00-0799	EA	16" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,519.99	683.78
		For Class 52 Rating, Deduct	*-383.24*	
		For Class 54 Rating, Add	*535.03*	
		For Class 55 Rating, Add	*801.79*	
		For Class 56 Rating, Add	*1,065.07*	
40 05 19 00-0800	EA	16" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,795.88	687.27
		For Class 52 Rating, Deduct	*-413.00*	
		For Class 54 Rating, Add	*575.68*	
		For Class 55 Rating, Add	*862.26*	
		For Class 56 Rating, Add	*1,145.09*	
40 05 19 00-0801	EA	16" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,071.76	690.76
		For Class 52 Rating, Deduct	*-442.77*	
		For Class 54 Rating, Add	*616.33*	
		For Class 55 Rating, Add	*922.73*	
		For Class 56 Rating, Add	*1,225.10*	
40 05 19 00-0802	EA	16" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,347.65	694.25
		For Class 52 Rating, Deduct	*-472.53*	
		For Class 54 Rating, Add	*656.99*	
		For Class 55 Rating, Add	*983.20*	
		For Class 56 Rating, Add	*1,305.12*	
40 05 19 00-0803	EA	16" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,623.53	697.74
		For Class 52 Rating, Deduct	*-502.30*	
		For Class 54 Rating, Add	*697.64*	
		For Class 55 Rating, Add	*1,043.67*	
		For Class 56 Rating, Add	*1,385.14*	
40 05 19 00-0804	EA	16" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,873.40	701.22
		For Class 52 Rating, Deduct	*-529.20*	
		For Class 54 Rating, Add	*734.39*	
		For Class 55 Rating, Add	*1,098.34*	
		For Class 56 Rating, Add	*1,457.48*	
40 05 19 00-0805	EA	16" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,175.31	704.71
		For Class 52 Rating, Deduct	*-561.83*	
		For Class 54 Rating, Add	*778.95*	
		For Class 55 Rating, Add	*1,164.61*	
		For Class 56 Rating, Add	*1,545.17*	
40 05 19 00-0806	EA	16" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,451.19	708.20
		For Class 52 Rating, Deduct	*-591.60*	
		For Class 54 Rating, Add	*819.60*	
		For Class 55 Rating, Add	*1,225.08*	
		For Class 56 Rating, Add	*1,625.19*	
40 05 19 00-0807	EA	16" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,727.08	711.69
		For Class 52 Rating, Deduct	*-621.36*	
		For Class 54 Rating, Add	*860.26*	
		For Class 55 Rating, Add	*1,285.56*	
		For Class 56 Rating, Add	*1,705.21*	
40 05 19 00-0808	EA	16" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,002.96	715.17
		For Class 52 Rating, Deduct	*-651.13*	
		For Class 54 Rating, Add	*900.91*	
		For Class 55 Rating, Add	*1,346.03*	
		For Class 56 Rating, Add	*1,785.22*	
40 05 19 00-0809	EA	16" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,278.85	718.66
		For Class 52 Rating, Deduct	*-680.90*	
		For Class 54 Rating, Add	*941.56*	
		For Class 55 Rating, Add	*1,406.50*	
		For Class 56 Rating, Add	*1,865.24*	
40 05 19 00-0810	EA	16" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,554.74	722.15
		For Class 52 Rating, Deduct	*-710.66*	
		For Class 54 Rating, Add	*982.22*	
		For Class 55 Rating, Add	*1,466.97*	
		For Class 56 Rating, Add	*1,945.26*	
40 05 19 00-0811	EA	16" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,830.63	725.64
		For Class 52 Rating, Deduct	*-740.43*	
		For Class 54 Rating, Add	*1,022.87*	
		For Class 55 Rating, Add	*1,527.44*	
		For Class 56 Rating, Add	*2,025.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0812	EA	16" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,106.51	729.12
		For Class 52 Rating, Deduct	*-770.19*	
		For Class 54 Rating, Add	*1,063.52*	
		For Class 55 Rating, Add	*1,587.91*	
		For Class 56 Rating, Add	*2,105.29*	
40 05 19 00-0813	EA	16" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,382.40	732.61
		For Class 52 Rating, Deduct	*-799.96*	
		For Class 54 Rating, Add	*1,104.18*	
		For Class 55 Rating, Add	*1,648.38*	
		For Class 56 Rating, Add	*2,185.31*	
40 05 19 00-0814	EA	16" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,658.29	736.10
		For Class 52 Rating, Deduct	*-829.73*	
		For Class 54 Rating, Add	*1,144.83*	
		For Class 55 Rating, Add	*1,708.85*	
		For Class 56 Rating, Add	*2,265.33*	
40 05 19 00-0815	EA	16" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,934.17	739.59
		For Class 52 Rating, Deduct	*-859.49*	
		For Class 54 Rating, Add	*1,185.48*	
		For Class 55 Rating, Add	*1,769.32*	
		For Class 56 Rating, Add	*2,345.34*	
40 05 19 00-0816	EA	16" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,210.06	743.08
		For Class 52 Rating, Deduct	*-889.26*	
		For Class 54 Rating, Add	*1,226.14*	
		For Class 55 Rating, Add	*1,829.79*	
		For Class 56 Rating, Add	*2,425.36*	
40 05 19 00-0817	EA	16" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,485.94	746.57
		For Class 52 Rating, Deduct	*-919.02*	
		For Class 54 Rating, Add	*1,266.79*	
		For Class 55 Rating, Add	*1,890.26*	
		For Class 56 Rating, Add	*2,505.38*	
40 05 19 00-0818	EA	16" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,761.82	750.06
		For Class 52 Rating, Deduct	*-948.79*	
		For Class 54 Rating, Add	*1,307.44*	
		For Class 55 Rating, Add	*1,950.73*	
		For Class 56 Rating, Add	*2,585.39*	
40 05 19 00-0819	EA	16" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,037.70	753.55
		For Class 52 Rating, Deduct	*-978.56*	
		For Class 54 Rating, Add	*1,348.09*	
		For Class 55 Rating, Add	*2,011.20*	
		For Class 56 Rating, Add	*2,665.41*	
40 05 19 00-0820	EA	16" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,313.59	757.03
		For Class 52 Rating, Deduct	*-1,008.32*	
		For Class 54 Rating, Add	*1,388.75*	
		For Class 55 Rating, Add	*2,071.67*	
		For Class 56 Rating, Add	*2,745.43*	
40 05 19 00-0821	EA	16" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,589.47	760.52
		For Class 52 Rating, Deduct	*-1,038.09*	
		For Class 54 Rating, Add	*1,429.40*	
		For Class 55 Rating, Add	*2,132.14*	
		For Class 56 Rating, Add	*2,825.45*	
40 05 19 00-0822	EA	16" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,865.36	764.01
		For Class 52 Rating, Deduct	*-1,067.85*	
		For Class 54 Rating, Add	*1,470.06*	
		For Class 55 Rating, Add	*2,192.61*	
		For Class 56 Rating, Add	*2,905.46*	
40 05 19 00-0823	EA	16" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,141.25	767.50
		For Class 52 Rating, Deduct	*-1,097.62*	
		For Class 54 Rating, Add	*1,510.71*	
		For Class 55 Rating, Add	*2,253.08*	
		For Class 56 Rating, Add	*2,985.48*	
40 05 19 00-0824	EA	16" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,417.13	770.99
		For Class 52 Rating, Deduct	*-1,127.39*	
		For Class 54 Rating, Add	*1,551.36*	
		For Class 55 Rating, Add	*2,313.55*	
		For Class 56 Rating, Add	*3,065.50*	
40 05 19 00-0825	EA	16" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,693.02	774.48
		For Class 52 Rating, Deduct	*-1,157.15*	
		For Class 54 Rating, Add	*1,592.02*	
		For Class 55 Rating, Add	*2,374.02*	
		For Class 56 Rating, Add	*3,145.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0826	EA	16" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,968.90	777.97
		For Class 52 Rating, Deduct	*-1,186.92*	
		For Class 54 Rating, Add	*1,632.67*	
		For Class 55 Rating, Add	*2,434.50*	
		For Class 56 Rating, Add	*3,225.53*	
40 05 19 00-0827	EA	16" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,244.79	781.46
		For Class 52 Rating, Deduct	*-1,216.68*	
		For Class 54 Rating, Add	*1,673.32*	
		For Class 55 Rating, Add	*2,494.97*	
		For Class 56 Rating, Add	*3,305.55*	
40 05 19 00-0828	EA	16" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,520.67	784.94
		For Class 52 Rating, Deduct	*-1,246.45*	
		For Class 54 Rating, Add	*1,713.98*	
		For Class 55 Rating, Add	*2,555.44*	
		For Class 56 Rating, Add	*3,385.57*	
40 05 19 00-0829	EA	16" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,796.56	788.43
		For Class 52 Rating, Deduct	*-1,276.22*	
		For Class 54 Rating, Add	*1,754.63*	
		For Class 55 Rating, Add	*2,615.91*	
		For Class 56 Rating, Add	*3,465.58*	
40 05 19 00-0830	EA	16" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,072.44	791.92
		For Class 52 Rating, Deduct	*-1,305.98*	
		For Class 54 Rating, Add	*1,795.28*	
		For Class 55 Rating, Add	*2,676.38*	
		For Class 56 Rating, Add	*3,545.60*	
40 05 19 00-0831	EA	16" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,348.33	795.41
		For Class 52 Rating, Deduct	*-1,335.75*	
		For Class 54 Rating, Add	*1,835.94*	
		For Class 55 Rating, Add	*2,736.85*	
		For Class 56 Rating, Add	*3,625.62*	
40 05 19 00-0832	EA	16" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,624.22	798.90
		For Class 52 Rating, Deduct	*-1,365.51*	
		For Class 54 Rating, Add	*1,876.59*	
		For Class 55 Rating, Add	*2,797.32*	
		For Class 56 Rating, Add	*3,705.64*	

40 05 19 00-0833 18" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0834	EA	18" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,992.95	754.95
		For Class 52 Rating, Deduct	*-313.40*	
		For Class 54 Rating, Add	*441.09*	
		For Class 55 Rating, Add	*662.80*	
		For Class 56 Rating, Add	*881.66*	
40 05 19 00-0835	EA	18" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,310.47	758.44
		For Class 52 Rating, Deduct	*-347.75*	
		For Class 54 Rating, Add	*487.99*	
		For Class 55 Rating, Add	*732.56*	
		For Class 56 Rating, Add	*973.96*	
40 05 19 00-0836	EA	18" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,627.98	761.93
		For Class 52 Rating, Deduct	*-382.09*	
		For Class 54 Rating, Add	*534.89*	
		For Class 55 Rating, Add	*802.31*	
		For Class 56 Rating, Add	*1,066.26*	
40 05 19 00-0837	EA	18" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,945.50	765.42
		For Class 52 Rating, Deduct	*-416.44*	
		For Class 54 Rating, Add	*581.79*	
		For Class 55 Rating, Add	*872.06*	
		For Class 56 Rating, Add	*1,158.56*	
40 05 19 00-0838	EA	18" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,263.02	768.91
		For Class 52 Rating, Deduct	*-450.78*	
		For Class 54 Rating, Add	*628.68*	
		For Class 55 Rating, Add	*941.82*	
		For Class 56 Rating, Add	*1,250.86*	
40 05 19 00-0839	EA	18" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,580.53	772.40
		For Class 52 Rating, Deduct	*-485.13*	
		For Class 54 Rating, Add	*675.58*	
		For Class 55 Rating, Add	*1,011.57*	
		For Class 56 Rating, Add	*1,343.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0840	EA	18" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,898.05	775.89
		For Class 52 Rating, Deduct	*-519.47*	
		For Class 54 Rating, Add	*722.48*	
		For Class 55 Rating, Add	*1,081.33*	
		For Class 56 Rating, Add	*1,435.45*	
40 05 19 00-0841	EA	18" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,215.57	779.38
		For Class 52 Rating, Deduct	*-553.82*	
		For Class 54 Rating, Add	*769.38*	
		For Class 55 Rating, Add	*1,151.08*	
		For Class 56 Rating, Add	*1,527.75*	
40 05 19 00-0842	EA	18" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,533.09	782.86
		For Class 52 Rating, Deduct	*-588.16*	
		For Class 54 Rating, Add	*816.28*	
		For Class 55 Rating, Add	*1,220.84*	
		For Class 56 Rating, Add	*1,620.05*	
40 05 19 00-0843	EA	18" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,850.60	786.34
		For Class 52 Rating, Deduct	*-622.51*	
		For Class 54 Rating, Add	*863.17*	
		For Class 55 Rating, Add	*1,290.59*	
		For Class 56 Rating, Add	*1,712.35*	
40 05 19 00-0844	EA	18" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,168.12	789.83
		For Class 52 Rating, Deduct	*-656.86*	
		For Class 54 Rating, Add	*910.07*	
		For Class 55 Rating, Add	*1,360.35*	
		For Class 56 Rating, Add	*1,804.65*	
40 05 19 00-0845	EA	18" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,485.64	793.32
		For Class 52 Rating, Deduct	*-691.20*	
		For Class 54 Rating, Add	*956.97*	
		For Class 55 Rating, Add	*1,430.10*	
		For Class 56 Rating, Add	*1,896.95*	
40 05 19 00-0846	EA	18" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,803.15	796.81
		For Class 52 Rating, Deduct	*-725.55*	
		For Class 54 Rating, Add	*1,003.87*	
		For Class 55 Rating, Add	*1,499.85*	
		For Class 56 Rating, Add	*1,989.24*	
40 05 19 00-0847	EA	18" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,120.68	800.30
		For Class 52 Rating, Deduct	*-759.89*	
		For Class 54 Rating, Add	*1,050.77*	
		For Class 55 Rating, Add	*1,569.61*	
		For Class 56 Rating, Add	*2,081.54*	
40 05 19 00-0848	EA	18" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,438.19	803.79
		For Class 52 Rating, Deduct	*-794.24*	
		For Class 54 Rating, Add	*1,097.66*	
		For Class 55 Rating, Add	*1,639.36*	
		For Class 56 Rating, Add	*2,173.84*	
40 05 19 00-0849	EA	18" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,755.71	807.28
		For Class 52 Rating, Deduct	*-828.58*	
		For Class 54 Rating, Add	*1,144.56*	
		For Class 55 Rating, Add	*1,709.12*	
		For Class 56 Rating, Add	*2,266.14*	
40 05 19 00-0850	EA	18" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,073.22	810.76
		For Class 52 Rating, Deduct	*-862.93*	
		For Class 54 Rating, Add	*1,191.46*	
		For Class 55 Rating, Add	*1,778.87*	
		For Class 56 Rating, Add	*2,358.44*	
40 05 19 00-0851	EA	18" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,390.74	814.25
		For Class 52 Rating, Deduct	*-897.27*	
		For Class 54 Rating, Add	*1,238.36*	
		For Class 55 Rating, Add	*1,848.62*	
		For Class 56 Rating, Add	*2,450.73*	
40 05 19 00-0852	EA	18" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,708.25	817.74
		For Class 52 Rating, Deduct	*-931.62*	
		For Class 54 Rating, Add	*1,285.26*	
		For Class 55 Rating, Add	*1,918.38*	
		For Class 56 Rating, Add	*2,543.03*	
40 05 19 00-0853	EA	18" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,025.77	821.23
		For Class 52 Rating, Deduct	*-965.96*	
		For Class 54 Rating, Add	*1,332.15*	
		For Class 55 Rating, Add	*1,988.13*	
		For Class 56 Rating, Add	*2,635.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0854	EA	18" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,343.29	824.72
		For Class 52 Rating, Deduct	*-1,000.31*	
		For Class 54 Rating, Add	*1,379.05*	
		For Class 55 Rating, Add	*2,057.89*	
		For Class 56 Rating, Add	*2,727.63*	
40 05 19 00-0855	EA	18" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,660.80	828.21
		For Class 52 Rating, Deduct	*-1,034.65*	
		For Class 54 Rating, Add	*1,425.95*	
		For Class 55 Rating, Add	*2,127.64*	
		For Class 56 Rating, Add	*2,819.93*	
40 05 19 00-0856	EA	18" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,978.32	831.70
		For Class 52 Rating, Deduct	*-1,069.00*	
		For Class 54 Rating, Add	*1,472.85*	
		For Class 55 Rating, Add	*2,197.40*	
		For Class 56 Rating, Add	*2,912.23*	
40 05 19 00-0857	EA	18" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,295.83	835.19
		For Class 52 Rating, Deduct	*-1,103.34*	
		For Class 54 Rating, Add	*1,519.75*	
		For Class 55 Rating, Add	*2,267.15*	
		For Class 56 Rating, Add	*3,004.52*	
40 05 19 00-0858	EA	18" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,613.35	838.67
		For Class 52 Rating, Deduct	*-1,137.69*	
		For Class 54 Rating, Add	*1,566.64*	
		For Class 55 Rating, Add	*2,336.90*	
		For Class 56 Rating, Add	*3,096.82*	
40 05 19 00-0859	EA	18" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,930.86	842.16
		For Class 52 Rating, Deduct	*-1,172.03*	
		For Class 54 Rating, Add	*1,613.54*	
		For Class 55 Rating, Add	*2,406.66*	
		For Class 56 Rating, Add	*3,189.12*	
40 05 19 00-0860	EA	18" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,248.38	845.65
		For Class 52 Rating, Deduct	*-1,206.38*	
		For Class 54 Rating, Add	*1,660.44*	
		For Class 55 Rating, Add	*2,476.41*	
		For Class 56 Rating, Add	*3,281.42*	
40 05 19 00-0861	EA	18" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,565.89	849.14
		For Class 52 Rating, Deduct	*-1,240.73*	
		For Class 54 Rating, Add	*1,707.34*	
		For Class 55 Rating, Add	*2,546.17*	
		For Class 56 Rating, Add	*3,373.72*	
40 05 19 00-0862	EA	18" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,883.41	852.63
		For Class 52 Rating, Deduct	*-1,275.07*	
		For Class 54 Rating, Add	*1,754.23*	
		For Class 55 Rating, Add	*2,615.92*	
		For Class 56 Rating, Add	*3,466.01*	
40 05 19 00-0863	EA	18" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,200.93	856.12
		For Class 52 Rating, Deduct	*-1,309.42*	
		For Class 54 Rating, Add	*1,801.13*	
		For Class 55 Rating, Add	*2,685.67*	
		For Class 56 Rating, Add	*3,558.31*	
40 05 19 00-0864	EA	18" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,518.44	859.61
		For Class 52 Rating, Deduct	*-1,343.76*	
		For Class 54 Rating, Add	*1,848.03*	
		For Class 55 Rating, Add	*2,755.43*	
		For Class 56 Rating, Add	*3,650.61*	
40 05 19 00-0865	EA	18" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,835.96	863.10
		For Class 52 Rating, Deduct	*-1,378.11*	
		For Class 54 Rating, Add	*1,894.93*	
		For Class 55 Rating, Add	*2,825.18*	
		For Class 56 Rating, Add	*3,742.91*	
40 05 19 00-0866	EA	18" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,153.48	866.58
		For Class 52 Rating, Deduct	*-1,412.45*	
		For Class 54 Rating, Add	*1,941.83*	
		For Class 55 Rating, Add	*2,894.94*	
		For Class 56 Rating, Add	*3,835.21*	
40 05 19 00-0867	EA	18" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,471.00	870.07
		For Class 52 Rating, Deduct	*-1,446.80*	
		For Class 54 Rating, Add	*1,988.73*	
		For Class 55 Rating, Add	*2,964.69*	
		For Class 56 Rating, Add	*3,927.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0868	EA	18" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,788.51	873.56
		For Class 52 Rating, Deduct	*-1,481.14*	
		For Class 54 Rating, Add	*2,035.62*	
		For Class 55 Rating, Add	*3,034.45*	
		For Class 56 Rating, Add	*4,019.81*	
40 05 19 00-0869	EA	18" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,106.03	877.05
		For Class 52 Rating, Deduct	*-1,515.49*	
		For Class 54 Rating, Add	*2,082.52*	
		For Class 55 Rating, Add	*3,104.20*	
		For Class 56 Rating, Add	*4,112.10*	
40 05 19 00-0870	EA	18" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,423.54	880.54
		For Class 52 Rating, Deduct	*-1,549.83*	
		For Class 54 Rating, Add	*2,129.42*	
		For Class 55 Rating, Add	*3,173.96*	
		For Class 56 Rating, Add	*4,204.40*	
40 05 19 00-0871	EA	18" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,741.06	884.03
		For Class 52 Rating, Deduct	*-1,584.18*	
		For Class 54 Rating, Add	*2,176.32*	
		For Class 55 Rating, Add	*3,243.71*	
		For Class 56 Rating, Add	*4,296.70*	

40 05 19 00-0872 20" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0873	EA	20" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,633.47	861.70
		For Class 52 Rating, Deduct	*-366.06*	
		For Class 54 Rating, Add	*514.85*	
		For Class 55 Rating, Add	*773.45*	
		For Class 56 Rating, Add	*1,028.72*	
40 05 19 00-0874	EA	20" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,997.81	865.19
		For Class 52 Rating, Deduct	*-405.56*	
		For Class 54 Rating, Add	*568.77*	
		For Class 55 Rating, Add	*853.64*	
		For Class 56 Rating, Add	*1,134.83*	
40 05 19 00-0875	EA	20" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,362.17	868.68
		For Class 52 Rating, Deduct	*-445.06*	
		For Class 54 Rating, Add	*622.69*	
		For Class 55 Rating, Add	*933.84*	
		For Class 56 Rating, Add	*1,240.95*	
40 05 19 00-0876	EA	20" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,726.51	872.16
		For Class 52 Rating, Deduct	*-484.56*	
		For Class 54 Rating, Add	*676.62*	
		For Class 55 Rating, Add	*1,014.04*	
		For Class 56 Rating, Add	*1,347.06*	
40 05 19 00-0877	EA	20" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,090.87	875.65
		For Class 52 Rating, Deduct	*-524.05*	
		For Class 54 Rating, Add	*730.54*	
		For Class 55 Rating, Add	*1,094.24*	
		For Class 56 Rating, Add	*1,453.18*	
40 05 19 00-0878	EA	20" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,455.21	879.14
		For Class 52 Rating, Deduct	*-563.55*	
		For Class 54 Rating, Add	*784.46*	
		For Class 55 Rating, Add	*1,174.44*	
		For Class 56 Rating, Add	*1,559.29*	
40 05 19 00-0879	EA	20" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,819.57	882.63
		For Class 52 Rating, Deduct	*-603.05*	
		For Class 54 Rating, Add	*838.39*	
		For Class 55 Rating, Add	*1,254.64*	
		For Class 56 Rating, Add	*1,665.41*	
40 05 19 00-0880	EA	20" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,183.92	886.12
		For Class 52 Rating, Deduct	*-642.54*	
		For Class 54 Rating, Add	*892.31*	
		For Class 55 Rating, Add	*1,334.83*	
		For Class 56 Rating, Add	*1,771.52*	
40 05 19 00-0881	EA	20" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,548.27	889.61
		For Class 52 Rating, Deduct	*-682.04*	
		For Class 54 Rating, Add	*946.23*	
		For Class 55 Rating, Add	*1,415.03*	
		For Class 56 Rating, Add	*1,877.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0882	EA	20" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,912.62	893.10
		For Class 52 Rating, Deduct	*-721.54*	
		For Class 54 Rating, Add	*1,000.15*	
		For Class 55 Rating, Add	*1,495.23*	
		For Class 56 Rating, Add	*1,983.75*	
40 05 19 00-0883	EA	20" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,276.97	896.59
		For Class 52 Rating, Deduct	*-761.04*	
		For Class 54 Rating, Add	*1,054.08*	
		For Class 55 Rating, Add	*1,575.43*	
		For Class 56 Rating, Add	*2,089.87*	
40 05 19 00-0884	EA	20" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,641.32	900.07
		For Class 52 Rating, Deduct	*-800.53*	
		For Class 54 Rating, Add	*1,108.00*	
		For Class 55 Rating, Add	*1,655.63*	
		For Class 56 Rating, Add	*2,195.98*	
40 05 19 00-0885	EA	20" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,005.67	903.56
		For Class 52 Rating, Deduct	*-840.03*	
		For Class 54 Rating, Add	*1,161.92*	
		For Class 55 Rating, Add	*1,735.83*	
		For Class 56 Rating, Add	*2,302.09*	
40 05 19 00-0886	EA	20" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,370.02	907.05
		For Class 52 Rating, Deduct	*-879.53*	
		For Class 54 Rating, Add	*1,215.85*	
		For Class 55 Rating, Add	*1,816.02*	
		For Class 56 Rating, Add	*2,408.21*	
40 05 19 00-0887	EA	20" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,734.37	910.54
		For Class 52 Rating, Deduct	*-919.02*	
		For Class 54 Rating, Add	*1,269.77*	
		For Class 55 Rating, Add	*1,896.22*	
		For Class 56 Rating, Add	*2,514.32*	
40 05 19 00-0888	EA	20" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,098.72	914.03
		For Class 52 Rating, Deduct	*-958.52*	
		For Class 54 Rating, Add	*1,323.69*	
		For Class 55 Rating, Add	*1,976.42*	
		For Class 56 Rating, Add	*2,620.44*	
40 05 19 00-0889	EA	20" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,463.08	917.52
		For Class 52 Rating, Deduct	*-998.02*	
		For Class 54 Rating, Add	*1,377.62*	
		For Class 55 Rating, Add	*2,056.62*	
		For Class 56 Rating, Add	*2,726.55*	
40 05 19 00-0890	EA	20" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,827.42	921.01
		For Class 52 Rating, Deduct	*-1,037.52*	
		For Class 54 Rating, Add	*1,431.54*	
		For Class 55 Rating, Add	*2,136.82*	
		For Class 56 Rating, Add	*2,832.66*	
40 05 19 00-0891	EA	20" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,191.77	924.50
		For Class 52 Rating, Deduct	*-1,077.01*	
		For Class 54 Rating, Add	*1,485.46*	
		For Class 55 Rating, Add	*2,217.02*	
		For Class 56 Rating, Add	*2,938.78*	
40 05 19 00-0892	EA	20" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,556.12	927.98
		For Class 52 Rating, Deduct	*-1,116.51*	
		For Class 54 Rating, Add	*1,539.39*	
		For Class 55 Rating, Add	*2,297.21*	
		For Class 56 Rating, Add	*3,044.89*	
40 05 19 00-0893	EA	20" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,920.47	931.47
		For Class 52 Rating, Deduct	*-1,156.01*	
		For Class 54 Rating, Add	*1,593.31*	
		For Class 55 Rating, Add	*2,377.41*	
		For Class 56 Rating, Add	*3,151.01*	
40 05 19 00-0894	EA	20" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,284.82	934.96
		For Class 52 Rating, Deduct	*-1,195.50*	
		For Class 54 Rating, Add	*1,647.23*	
		For Class 55 Rating, Add	*2,457.61*	
		For Class 56 Rating, Add	*3,257.12*	
40 05 19 00-0895	EA	20" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,649.17	938.45
		For Class 52 Rating, Deduct	*-1,235.00*	
		For Class 54 Rating, Add	*1,701.15*	
		For Class 55 Rating, Add	*2,537.81*	
		For Class 56 Rating, Add	*3,363.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0896	EA	20" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,013.52	941.94
		For Class 52 Rating, Deduct	*-1,274.50*	
		For Class 54 Rating, Add	*1,755.08*	
		For Class 55 Rating, Add	*2,618.01*	
		For Class 56 Rating, Add	*3,469.35*	
40 05 19 00-0897	EA	20" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,377.87	945.43
		For Class 52 Rating, Deduct	*-1,314.00*	
		For Class 54 Rating, Add	*1,809.00*	
		For Class 55 Rating, Add	*2,698.21*	
		For Class 56 Rating, Add	*3,575.46*	
40 05 19 00-0898	EA	20" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,742.23	948.92
		For Class 52 Rating, Deduct	*-1,353.49*	
		For Class 54 Rating, Add	*1,862.93*	
		For Class 55 Rating, Add	*2,778.41*	
		For Class 56 Rating, Add	*3,681.58*	
40 05 19 00-0899	EA	20" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,106.57	952.41
		For Class 52 Rating, Deduct	*-1,392.99*	
		For Class 54 Rating, Add	*1,916.85*	
		For Class 55 Rating, Add	*2,858.60*	
		For Class 56 Rating, Add	*3,787.69*	
40 05 19 00-0900	EA	20" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,470.93	955.89
		For Class 52 Rating, Deduct	*-1,432.49*	
		For Class 54 Rating, Add	*1,970.77*	
		For Class 55 Rating, Add	*2,938.80*	
		For Class 56 Rating, Add	*3,893.81*	
40 05 19 00-0901	EA	20" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,835.27	959.38
		For Class 52 Rating, Deduct	*-1,471.98*	
		For Class 54 Rating, Add	*2,024.69*	
		For Class 55 Rating, Add	*3,019.00*	
		For Class 56 Rating, Add	*3,999.92*	
40 05 19 00-0902	EA	20" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,199.63	962.87
		For Class 52 Rating, Deduct	*-1,511.48*	
		For Class 54 Rating, Add	*2,078.62*	
		For Class 55 Rating, Add	*3,099.20*	
		For Class 56 Rating, Add	*4,106.04*	
40 05 19 00-0903	EA	20" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,563.97	966.36
		For Class 52 Rating, Deduct	*-1,550.98*	
		For Class 54 Rating, Add	*2,132.54*	
		For Class 55 Rating, Add	*3,179.40*	
		For Class 56 Rating, Add	*4,212.15*	
40 05 19 00-0904	EA	20" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,928.33	969.85
		For Class 52 Rating, Deduct	*-1,590.48*	
		For Class 54 Rating, Add	*2,186.46*	
		For Class 55 Rating, Add	*3,259.60*	
		For Class 56 Rating, Add	*4,318.27*	
40 05 19 00-0905	EA	20" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,292.67	973.34
		For Class 52 Rating, Deduct	*-1,629.97*	
		For Class 54 Rating, Add	*2,240.39*	
		For Class 55 Rating, Add	*3,339.79*	
		For Class 56 Rating, Add	*4,424.38*	
40 05 19 00-0906	EA	20" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,657.03	976.83
		For Class 52 Rating, Deduct	*-1,669.47*	
		For Class 54 Rating, Add	*2,294.31*	
		For Class 55 Rating, Add	*3,419.99*	
		For Class 56 Rating, Add	*4,530.50*	
40 05 19 00-0907	EA	20" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,021.38	980.32
		For Class 52 Rating, Deduct	*-1,708.97*	
		For Class 54 Rating, Add	*2,348.23*	
		For Class 55 Rating, Add	*3,500.19*	
		For Class 56 Rating, Add	*4,636.61*	
40 05 19 00-0908	EA	20" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,385.74	983.80
		For Class 52 Rating, Deduct	*-1,748.46*	
		For Class 54 Rating, Add	*2,402.16*	
		For Class 55 Rating, Add	*3,580.39*	
		For Class 56 Rating, Add	*4,742.73*	
40 05 19 00-0909	EA	20" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,750.09	987.29
		For Class 52 Rating, Deduct	*-1,787.96*	
		For Class 54 Rating, Add	*2,456.08*	
		For Class 55 Rating, Add	*3,660.59*	
		For Class 56 Rating, Add	*4,848.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0910	EA	20" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,114.44	990.78
		For Class 52 Rating, Deduct	*-1,827.46*	
		For Class 54 Rating, Add	*2,510.00*	
		For Class 55 Rating, Add	*3,740.79*	
		For Class 56 Rating, Add	*4,954.95*	

40 05 19 00-0911 24" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0912	EA	24" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,748.17	1,018.68
		For Class 52 Rating, Deduct	*-462.52*	
		For Class 54 Rating, Add	*649.23*	
		For Class 55 Rating, Add	*974.69*	
		For Class 56 Rating, Add	*1,295.95*	
40 05 19 00-0913	EA	24" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,198.38	1,022.17
		For Class 52 Rating, Deduct	*-511.46*	
		For Class 54 Rating, Add	*716.03*	
		For Class 55 Rating, Add	*1,074.04*	
		For Class 56 Rating, Add	*1,427.40*	
40 05 19 00-0914	EA	24" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,648.60	1,025.66
		For Class 52 Rating, Deduct	*-560.40*	
		For Class 54 Rating, Add	*782.83*	
		For Class 55 Rating, Add	*1,173.38*	
		For Class 56 Rating, Add	*1,558.84*	
40 05 19 00-0915	EA	24" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,098.81	1,029.15
		For Class 52 Rating, Deduct	*-609.34*	
		For Class 54 Rating, Add	*849.64*	
		For Class 55 Rating, Add	*1,272.73*	
		For Class 56 Rating, Add	*1,690.29*	
40 05 19 00-0916	EA	24" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,549.03	1,032.64
		For Class 52 Rating, Deduct	*-658.29*	
		For Class 54 Rating, Add	*916.44*	
		For Class 55 Rating, Add	*1,372.08*	
		For Class 56 Rating, Add	*1,821.73*	
40 05 19 00-0917	EA	24" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,999.23	1,036.13
		For Class 52 Rating, Deduct	*-707.23*	
		For Class 54 Rating, Add	*983.24*	
		For Class 55 Rating, Add	*1,471.42*	
		For Class 56 Rating, Add	*1,953.17*	
40 05 19 00-0918	EA	24" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,449.45	1,039.62
		For Class 52 Rating, Deduct	*-756.17*	
		For Class 54 Rating, Add	*1,050.04*	
		For Class 55 Rating, Add	*1,570.77*	
		For Class 56 Rating, Add	*2,084.62*	
40 05 19 00-0919	EA	24" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,899.67	1,043.10
		For Class 52 Rating, Deduct	*-805.11*	
		For Class 54 Rating, Add	*1,116.85*	
		For Class 55 Rating, Add	*1,670.11*	
		For Class 56 Rating, Add	*2,216.06*	
40 05 19 00-0920	EA	24" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,349.88	1,046.59
		For Class 52 Rating, Deduct	*-854.05*	
		For Class 54 Rating, Add	*1,183.65*	
		For Class 55 Rating, Add	*1,769.46*	
		For Class 56 Rating, Add	*2,347.51*	
40 05 19 00-0921	EA	24" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,800.10	1,050.08
		For Class 52 Rating, Deduct	*-903.00*	
		For Class 54 Rating, Add	*1,250.45*	
		For Class 55 Rating, Add	*1,868.81*	
		For Class 56 Rating, Add	*2,478.95*	
40 05 19 00-0922	EA	24" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,250.31	1,053.57
		For Class 52 Rating, Deduct	*-951.94*	
		For Class 54 Rating, Add	*1,317.25*	
		For Class 55 Rating, Add	*1,968.15*	
		For Class 56 Rating, Add	*2,610.39*	
40 05 19 00-0923	EA	24" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,700.52	1,057.06
		For Class 52 Rating, Deduct	*-1,000.88*	
		For Class 54 Rating, Add	*1,384.06*	
		For Class 55 Rating, Add	*2,067.50*	
		For Class 56 Rating, Add	*2,741.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0924	EA	24" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,150.73	1,060.55
		For Class 52 Rating, Deduct	*-1,049.82*	
		For Class 54 Rating, Add	*1,450.86*	
		For Class 55 Rating, Add	*2,166.84*	
		For Class 56 Rating, Add	*2,873.28*	
40 05 19 00-0925	EA	24" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,600.95	1,064.04
		For Class 52 Rating, Deduct	*-1,098.76*	
		For Class 54 Rating, Add	*1,517.66*	
		For Class 55 Rating, Add	*2,266.19*	
		For Class 56 Rating, Add	*3,004.73*	
40 05 19 00-0926	EA	24" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,051.17	1,067.53
		For Class 52 Rating, Deduct	*-1,147.71*	
		For Class 54 Rating, Add	*1,584.46*	
		For Class 55 Rating, Add	*2,365.53*	
		For Class 56 Rating, Add	*3,136.17*	
40 05 19 00-0927	EA	24" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,501.38	1,071.01
		For Class 52 Rating, Deduct	*-1,196.65*	
		For Class 54 Rating, Add	*1,651.27*	
		For Class 55 Rating, Add	*2,464.88*	
		For Class 56 Rating, Add	*3,267.61*	
40 05 19 00-0928	EA	24" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,951.60	1,074.50
		For Class 52 Rating, Deduct	*-1,245.59*	
		For Class 54 Rating, Add	*1,718.07*	
		For Class 55 Rating, Add	*2,564.23*	
		For Class 56 Rating, Add	*3,399.06*	
40 05 19 00-0929	EA	24" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,401.80	1,077.99
		For Class 52 Rating, Deduct	*-1,294.53*	
		For Class 54 Rating, Add	*1,784.87*	
		For Class 55 Rating, Add	*2,663.57*	
		For Class 56 Rating, Add	*3,530.50*	
40 05 19 00-0930	EA	24" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,852.02	1,081.48
		For Class 52 Rating, Deduct	*-1,343.48*	
		For Class 54 Rating, Add	*1,851.67*	
		For Class 55 Rating, Add	*2,762.92*	
		For Class 56 Rating, Add	*3,661.95*	
40 05 19 00-0931	EA	24" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,302.23	1,084.97
		For Class 52 Rating, Deduct	*-1,392.42*	
		For Class 54 Rating, Add	*1,918.48*	
		For Class 55 Rating, Add	*2,862.26*	
		For Class 56 Rating, Add	*3,793.39*	
40 05 19 00-0932	EA	24" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,752.45	1,088.46
		For Class 52 Rating, Deduct	*-1,441.36*	
		For Class 54 Rating, Add	*1,985.28*	
		For Class 55 Rating, Add	*2,961.61*	
		For Class 56 Rating, Add	*3,924.84*	
40 05 19 00-0933	EA	24" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,202.66	1,091.95
		For Class 52 Rating, Deduct	*-1,490.30*	
		For Class 54 Rating, Add	*2,052.08*	
		For Class 55 Rating, Add	*3,060.96*	
		For Class 56 Rating, Add	*4,056.28*	
40 05 19 00-0934	EA	24" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,652.88	1,095.44
		For Class 52 Rating, Deduct	*-1,539.24*	
		For Class 54 Rating, Add	*2,118.89*	
		For Class 55 Rating, Add	*3,160.30*	
		For Class 56 Rating, Add	*4,187.72*	
40 05 19 00-0935	EA	24" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,103.09	1,098.92
		For Class 52 Rating, Deduct	*-1,588.19*	
		For Class 54 Rating, Add	*2,185.69*	
		For Class 55 Rating, Add	*3,259.65*	
		For Class 56 Rating, Add	*4,319.17*	
40 05 19 00-0936	EA	24" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,553.30	1,102.41
		For Class 52 Rating, Deduct	*-1,637.13*	
		For Class 54 Rating, Add	*2,252.49*	
		For Class 55 Rating, Add	*3,358.99*	
		For Class 56 Rating, Add	*4,450.61*	
40 05 19 00-0937	EA	24" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,003.52	1,105.90
		For Class 52 Rating, Deduct	*-1,686.07*	
		For Class 54 Rating, Add	*2,319.29*	
		For Class 55 Rating, Add	*3,458.34*	
		For Class 56 Rating, Add	*4,582.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0938	EA	24" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,453.73	1,109.39
		For Class 52 Rating, Deduct	*-1,735.01*	
		For Class 54 Rating, Add	*2,386.10*	
		For Class 55 Rating, Add	*3,557.68*	
		For Class 56 Rating, Add	*4,713.50*	
40 05 19 00-0939	EA	24" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,903.95	1,112.88
		For Class 52 Rating, Deduct	*-1,783.95*	
		For Class 54 Rating, Add	*2,452.90*	
		For Class 55 Rating, Add	*3,657.03*	
		For Class 56 Rating, Add	*4,844.94*	
40 05 19 00-0940	EA	24" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,354.17	1,116.37
		For Class 52 Rating, Deduct	*-1,832.90*	
		For Class 54 Rating, Add	*2,519.70*	
		For Class 55 Rating, Add	*3,756.38*	
		For Class 56 Rating, Add	*4,976.39*	
40 05 19 00-0941	EA	24" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,894.23	1,179.17
		For Class 52 Rating, Deduct	*-1,881.84*	
		For Class 54 Rating, Add	*2,587.58*	
		For Class 55 Rating, Add	*3,857.88*	
		For Class 56 Rating, Add	*5,111.07*	
40 05 19 00-0942	EA	24" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,344.45	1,182.65
		For Class 52 Rating, Deduct	*-1,930.78*	
		For Class 54 Rating, Add	*2,654.39*	
		For Class 55 Rating, Add	*3,957.22*	
		For Class 56 Rating, Add	*5,242.51*	
40 05 19 00-0943	EA	24" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,794.66	1,186.14
		For Class 52 Rating, Deduct	*-1,979.72*	
		For Class 54 Rating, Add	*2,721.19*	
		For Class 55 Rating, Add	*4,056.57*	
		For Class 56 Rating, Add	*5,373.96*	
40 05 19 00-0944	EA	24" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,244.88	1,189.63
		For Class 52 Rating, Deduct	*-2,028.67*	
		For Class 54 Rating, Add	*2,787.99*	
		For Class 55 Rating, Add	*4,155.92*	
		For Class 56 Rating, Add	*5,505.40*	
40 05 19 00-0945	EA	24" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,695.10	1,193.12
		For Class 52 Rating, Deduct	*-2,077.61*	
		For Class 54 Rating, Add	*2,854.79*	
		For Class 55 Rating, Add	*4,255.26*	
		For Class 56 Rating, Add	*5,636.84*	
40 05 19 00-0946	EA	24" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,145.31	1,196.61
		For Class 52 Rating, Deduct	*-2,126.55*	
		For Class 54 Rating, Add	*2,921.60*	
		For Class 55 Rating, Add	*4,354.61*	
		For Class 56 Rating, Add	*5,768.29*	
40 05 19 00-0947	EA	24" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,595.52	1,200.10
		For Class 52 Rating, Deduct	*-2,175.49*	
		For Class 54 Rating, Add	*2,988.40*	
		For Class 55 Rating, Add	*4,453.95*	
		For Class 56 Rating, Add	*5,899.73*	
40 05 19 00-0948	EA	24" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,045.73	1,203.59
		For Class 52 Rating, Deduct	*-2,224.43*	
		For Class 54 Rating, Add	*3,055.20*	
		For Class 55 Rating, Add	*4,553.30*	
		For Class 56 Rating, Add	*6,031.18*	
40 05 19 00-0949	EA	24" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,495.95	1,207.08
		For Class 52 Rating, Deduct	*-2,273.38*	
		For Class 54 Rating, Add	*3,122.00*	
		For Class 55 Rating, Add	*4,652.65*	
		For Class 56 Rating, Add	*6,162.62*	
40 05 19 00-0950		30" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*		
40 05 19 00-0951	EA	30" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,890.72	1,437.33
		For Class 52 Rating, Deduct	*-738.42*	
		For Class 54 Rating, Add	*1,033.08*	
		For Class 55 Rating, Add	*1,549.25*	
		For Class 56 Rating, Add	*2,058.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0952	EA	30" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,538.68	1,440.81
		For Class 52 Rating, Deduct	*-809.12*	
		For Class 54 Rating, Add	*1,129.54*	
		For Class 55 Rating, Add	*1,692.70*	
		For Class 56 Rating, Add	*2,248.50*	
40 05 19 00-0953	EA	30" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,186.64	1,444.30
		For Class 52 Rating, Deduct	*-879.81*	
		For Class 54 Rating, Add	*1,226.01*	
		For Class 55 Rating, Add	*1,836.14*	
		For Class 56 Rating, Add	*2,438.28*	
40 05 19 00-0954	EA	30" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,834.60	1,447.79
		For Class 52 Rating, Deduct	*-950.51*	
		For Class 54 Rating, Add	*1,322.47*	
		For Class 55 Rating, Add	*1,979.59*	
		For Class 56 Rating, Add	*2,628.06*	
40 05 19 00-0955	EA	30" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,482.56	1,451.28
		For Class 52 Rating, Deduct	*-1,021.20*	
		For Class 54 Rating, Add	*1,418.93*	
		For Class 55 Rating, Add	*2,123.03*	
		For Class 56 Rating, Add	*2,817.84*	
40 05 19 00-0956	EA	30" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,130.51	1,454.77
		For Class 52 Rating, Deduct	*-1,091.90*	
		For Class 54 Rating, Add	*1,515.40*	
		For Class 55 Rating, Add	*2,266.47*	
		For Class 56 Rating, Add	*3,007.62*	
40 05 19 00-0957	EA	30" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,778.48	1,458.26
		For Class 52 Rating, Deduct	*-1,162.59*	
		For Class 54 Rating, Add	*1,611.86*	
		For Class 55 Rating, Add	*2,409.91*	
		For Class 56 Rating, Add	*3,197.40*	
40 05 19 00-0958	EA	30" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,426.43	1,461.75
		For Class 52 Rating, Deduct	*-1,233.28*	
		For Class 54 Rating, Add	*1,708.33*	
		For Class 55 Rating, Add	*2,553.36*	
		For Class 56 Rating, Add	*3,387.17*	
40 05 19 00-0959	EA	30" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,074.40	1,465.24
		For Class 52 Rating, Deduct	*-1,303.98*	
		For Class 54 Rating, Add	*1,804.79*	
		For Class 55 Rating, Add	*2,696.80*	
		For Class 56 Rating, Add	*3,576.96*	
40 05 19 00-0960	EA	30" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,722.36	1,468.72
		For Class 52 Rating, Deduct	*-1,374.67*	
		For Class 54 Rating, Add	*1,901.26*	
		For Class 55 Rating, Add	*2,840.24*	
		For Class 56 Rating, Add	*3,766.73*	
40 05 19 00-0961	EA	30" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,370.32	1,472.21
		For Class 52 Rating, Deduct	*-1,445.37*	
		For Class 54 Rating, Add	*1,997.72*	
		For Class 55 Rating, Add	*2,983.69*	
		For Class 56 Rating, Add	*3,956.51*	
40 05 19 00-0962	EA	30" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,018.28	1,475.70
		For Class 52 Rating, Deduct	*-1,516.06*	
		For Class 54 Rating, Add	*2,094.19*	
		For Class 55 Rating, Add	*3,127.13*	
		For Class 56 Rating, Add	*4,146.29*	
40 05 19 00-0963	EA	30" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,666.23	1,479.19
		For Class 52 Rating, Deduct	*-1,586.75*	
		For Class 54 Rating, Add	*2,190.65*	
		For Class 55 Rating, Add	*3,270.57*	
		For Class 56 Rating, Add	*4,336.07*	
40 05 19 00-0964	EA	30" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,314.20	1,482.68
		For Class 52 Rating, Deduct	*-1,657.45*	
		For Class 54 Rating, Add	*2,287.12*	
		For Class 55 Rating, Add	*3,414.02*	
		For Class 56 Rating, Add	*4,525.85*	
40 05 19 00-0965	EA	30" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,962.15	1,486.17
		For Class 52 Rating, Deduct	*-1,728.14*	
		For Class 54 Rating, Add	*2,383.58*	
		For Class 55 Rating, Add	*3,557.46*	
		For Class 56 Rating, Add	*4,715.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0966	EA	30" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,610.12	1,489.66
		For Class 52 Rating, Deduct	*-1,798.84*	
		For Class 54 Rating, Add	*2,480.05*	
		For Class 55 Rating, Add	*3,700.90*	
		For Class 56 Rating, Add	*4,905.41*	
40 05 19 00-0967	EA	30" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,258.07	1,493.15
		For Class 52 Rating, Deduct	*-1,869.53*	
		For Class 54 Rating, Add	*2,576.51*	
		For Class 55 Rating, Add	*3,844.35*	
		For Class 56 Rating, Add	*5,095.19*	
40 05 19 00-0968	EA	30" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,906.04	1,496.63
		For Class 52 Rating, Deduct	*-1,940.23*	
		For Class 54 Rating, Add	*2,672.97*	
		For Class 55 Rating, Add	*3,987.79*	
		For Class 56 Rating, Add	*5,284.97*	
40 05 19 00-0969	EA	30" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,554.00	1,500.12
		For Class 52 Rating, Deduct	*-2,010.92*	
		For Class 54 Rating, Add	*2,769.44*	
		For Class 55 Rating, Add	*4,131.23*	
		For Class 56 Rating, Add	*5,474.75*	
40 05 19 00-0970	EA	30" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,201.95	1,503.61
		For Class 52 Rating, Deduct	*-2,081.61*	
		For Class 54 Rating, Add	*2,865.90*	
		For Class 55 Rating, Add	*4,274.68*	
		For Class 56 Rating, Add	*5,664.52*	
40 05 19 00-0971	EA	30" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,849.93	1,507.10
		For Class 52 Rating, Deduct	*-2,152.31*	
		For Class 54 Rating, Add	*2,962.37*	
		For Class 55 Rating, Add	*4,418.12*	
		For Class 56 Rating, Add	*5,854.31*	
40 05 19 00-0972	EA	30" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,497.88	1,510.59
		For Class 52 Rating, Deduct	*-2,223.00*	
		For Class 54 Rating, Add	*3,058.83*	
		For Class 55 Rating, Add	*4,561.56*	
		For Class 56 Rating, Add	*6,044.08*	
40 05 19 00-0973	EA	30" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,145.85	1,514.08
		For Class 52 Rating, Deduct	*-2,293.70*	
		For Class 54 Rating, Add	*3,155.30*	
		For Class 55 Rating, Add	*4,705.01*	
		For Class 56 Rating, Add	*6,233.86*	
40 05 19 00-0974	EA	30" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,793.80	1,517.57
		For Class 52 Rating, Deduct	*-2,364.39*	
		For Class 54 Rating, Add	*3,251.76*	
		For Class 55 Rating, Add	*4,848.45*	
		For Class 56 Rating, Add	*6,423.64*	
40 05 19 00-0975	EA	30" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,441.77	1,521.06
		For Class 52 Rating, Deduct	*-2,435.09*	
		For Class 54 Rating, Add	*3,348.23*	
		For Class 55 Rating, Add	*4,991.89*	
		For Class 56 Rating, Add	*6,613.42*	
40 05 19 00-0976	EA	30" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,089.73	1,524.55
		For Class 52 Rating, Deduct	*-2,505.78*	
		For Class 54 Rating, Add	*3,444.69*	
		For Class 55 Rating, Add	*5,135.34*	
		For Class 56 Rating, Add	*6,803.20*	
40 05 19 00-0977	EA	30" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,737.68	1,528.03
		For Class 52 Rating, Deduct	*-2,576.47*	
		For Class 54 Rating, Add	*3,541.15*	
		For Class 55 Rating, Add	*5,278.78*	
		For Class 56 Rating, Add	*6,992.98*	
40 05 19 00-0978	EA	30" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,385.65	1,531.52
		For Class 52 Rating, Deduct	*-2,647.17*	
		For Class 54 Rating, Add	*3,637.62*	
		For Class 55 Rating, Add	*5,422.22*	
		For Class 56 Rating, Add	*7,182.76*	
40 05 19 00-0979	EA	30" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,033.60	1,535.01
		For Class 52 Rating, Deduct	*-2,717.86*	
		For Class 54 Rating, Add	*3,734.08*	
		For Class 55 Rating, Add	*5,565.66*	
		For Class 56 Rating, Add	*7,372.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0980	EA	30" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,681.57	1,538.50
		For Class 52 Rating, Deduct	*-2,788.56*	
		For Class 54 Rating, Add	*3,830.55*	
		For Class 55 Rating, Add	*5,709.11*	
		For Class 56 Rating, Add	*7,562.32*	
40 05 19 00-0981	EA	30" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,329.52	1,541.99
		For Class 52 Rating, Deduct	*-2,859.25*	
		For Class 54 Rating, Add	*3,927.01*	
		For Class 55 Rating, Add	*5,852.55*	
		For Class 56 Rating, Add	*7,752.10*	
40 05 19 00-0982	EA	30" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,977.49	1,545.48
		For Class 52 Rating, Deduct	*-2,929.94*	
		For Class 54 Rating, Add	*4,023.48*	
		For Class 55 Rating, Add	*5,996.00*	
		For Class 56 Rating, Add	*7,941.88*	
40 05 19 00-0983	EA	30" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,625.44	1,548.97
		For Class 52 Rating, Deduct	*-3,000.64*	
		For Class 54 Rating, Add	*4,119.94*	
		For Class 55 Rating, Add	*6,139.44*	
		For Class 56 Rating, Add	*8,131.66*	
40 05 19 00-0984	EA	30" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,273.40	1,552.46
		For Class 52 Rating, Deduct	*-3,071.33*	
		For Class 54 Rating, Add	*4,216.41*	
		For Class 55 Rating, Add	*6,282.88*	
		For Class 56 Rating, Add	*8,321.43*	
40 05 19 00-0985	EA	30" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,921.37	1,555.94
		For Class 52 Rating, Deduct	*-3,142.03*	
		For Class 54 Rating, Add	*4,312.87*	
		For Class 55 Rating, Add	*6,426.33*	
		For Class 56 Rating, Add	*8,511.21*	
40 05 19 00-0986	EA	30" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,569.32	1,559.43
		For Class 52 Rating, Deduct	*-3,212.72*	
		For Class 54 Rating, Add	*4,409.34*	
		For Class 55 Rating, Add	*6,569.77*	
		For Class 56 Rating, Add	*8,700.99*	
40 05 19 00-0987	EA	30" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,217.29	1,562.92
		For Class 52 Rating, Deduct	*-3,283.42*	
		For Class 54 Rating, Add	*4,505.80*	
		For Class 55 Rating, Add	*6,713.21*	
		For Class 56 Rating, Add	*8,890.77*	
40 05 19 00-0988	EA	30" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,865.24	1,566.41
		For Class 52 Rating, Deduct	*-3,354.11*	
		For Class 54 Rating, Add	*4,602.27*	
		For Class 55 Rating, Add	*6,856.65*	
		For Class 56 Rating, Add	*9,080.55*	

40 05 19 00-0989 36" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0990	EA	36" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,222.39	1,821.08
		For Class 52 Rating, Deduct	*-1,040.95*	
		For Class 54 Rating, Add	*1,452.59*	
		For Class 55 Rating, Add	*2,176.51*	
		For Class 56 Rating, Add	*2,890.97*	
40 05 19 00-0991	EA	36" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,101.92	1,824.57
		For Class 52 Rating, Deduct	*-1,137.12*	
		For Class 54 Rating, Add	*1,583.79*	
		For Class 55 Rating, Add	*2,371.59*	
		For Class 56 Rating, Add	*3,149.06*	
40 05 19 00-0992	EA	36" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,981.45	1,828.06
		For Class 52 Rating, Deduct	*-1,233.28*	
		For Class 54 Rating, Add	*1,714.99*	
		For Class 55 Rating, Add	*2,566.68*	
		For Class 56 Rating, Add	*3,407.15*	
40 05 19 00-0993	EA	36" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,860.99	1,831.55
		For Class 52 Rating, Deduct	*-1,329.45*	
		For Class 54 Rating, Add	*1,846.19*	
		For Class 55 Rating, Add	*2,761.76*	
		For Class 56 Rating, Add	*3,665.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0994	EA	36" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,740.51	1,835.04
		For Class 52 Rating, Deduct	*-1,425.62*	
		For Class 54 Rating, Add	*1,977.39*	
		For Class 55 Rating, Add	*2,956.84*	
		For Class 56 Rating, Add	*3,923.34*	
40 05 19 00-0995	EA	36" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,620.05	1,838.52
		For Class 52 Rating, Deduct	*-1,521.79*	
		For Class 54 Rating, Add	*2,108.59*	
		For Class 55 Rating, Add	*3,151.93*	
		For Class 56 Rating, Add	*4,181.43*	
40 05 19 00-0996	EA	36" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,499.57	1,842.01
		For Class 52 Rating, Deduct	*-1,617.95*	
		For Class 54 Rating, Add	*2,239.79*	
		For Class 55 Rating, Add	*3,347.01*	
		For Class 56 Rating, Add	*4,439.52*	
40 05 19 00-0997	EA	36" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,379.11	1,845.50
		For Class 52 Rating, Deduct	*-1,714.12*	
		For Class 54 Rating, Add	*2,370.99*	
		For Class 55 Rating, Add	*3,542.10*	
		For Class 56 Rating, Add	*4,697.62*	
40 05 19 00-0998	EA	36" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,258.63	1,848.99
		For Class 52 Rating, Deduct	*-1,810.29*	
		For Class 54 Rating, Add	*2,502.19*	
		For Class 55 Rating, Add	*3,737.18*	
		For Class 56 Rating, Add	*4,955.71*	
40 05 19 00-0999	EA	36" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,138.17	1,852.48
		For Class 52 Rating, Deduct	*-1,906.45*	
		For Class 54 Rating, Add	*2,633.39*	
		For Class 55 Rating, Add	*3,932.26*	
		For Class 56 Rating, Add	*5,213.80*	
40 05 19 00-1000	EA	36" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,017.69	1,855.96
		For Class 52 Rating, Deduct	*-2,002.62*	
		For Class 54 Rating, Add	*2,764.59*	
		For Class 55 Rating, Add	*4,127.34*	
		For Class 56 Rating, Add	*5,471.90*	
40 05 19 00-1001	EA	36" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,897.23	1,859.45
		For Class 52 Rating, Deduct	*-2,098.79*	
		For Class 54 Rating, Add	*2,895.79*	
		For Class 55 Rating, Add	*4,322.43*	
		For Class 56 Rating, Add	*5,729.99*	
40 05 19 00-1002	EA	36" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,776.76	1,862.94
		For Class 52 Rating, Deduct	*-2,194.95*	
		For Class 54 Rating, Add	*3,026.99*	
		For Class 55 Rating, Add	*4,517.51*	
		For Class 56 Rating, Add	*5,988.08*	
40 05 19 00-1003	EA	36" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,656.29	1,866.43
		For Class 52 Rating, Deduct	*-2,291.12*	
		For Class 54 Rating, Add	*3,158.19*	
		For Class 55 Rating, Add	*4,712.60*	
		For Class 56 Rating, Add	*6,246.17*	
40 05 19 00-1004	EA	36" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,535.82	1,869.91
		For Class 52 Rating, Deduct	*-2,387.29*	
		For Class 54 Rating, Add	*3,289.39*	
		For Class 55 Rating, Add	*4,907.68*	
		For Class 56 Rating, Add	*6,504.27*	
40 05 19 00-1005	EA	36" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,415.35	1,873.40
		For Class 52 Rating, Deduct	*-2,483.45*	
		For Class 54 Rating, Add	*3,420.59*	
		For Class 55 Rating, Add	*5,102.76*	
		For Class 56 Rating, Add	*6,762.36*	
40 05 19 00-1006	EA	36" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,294.88	1,876.89
		For Class 52 Rating, Deduct	*-2,579.62*	
		For Class 54 Rating, Add	*3,551.79*	
		For Class 55 Rating, Add	*5,297.85*	
		For Class 56 Rating, Add	*7,020.45*	
40 05 19 00-1007	EA	36" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,174.41	1,880.38
		For Class 52 Rating, Deduct	*-2,675.79*	
		For Class 54 Rating, Add	*3,682.99*	
		For Class 55 Rating, Add	*5,492.93*	
		For Class 56 Rating, Add	*7,278.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1008	EA	36" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,053.95	1,883.87
		For Class 52 Rating, Deduct	*-2,771.96*	
		For Class 54 Rating, Add	*3,814.19*	
		For Class 55 Rating, Add	*5,688.02*	
		For Class 56 Rating, Add	*7,536.64*	
40 05 19 00-1009	EA	36" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,933.47	1,887.36
		For Class 52 Rating, Deduct	*-2,868.12*	
		For Class 54 Rating, Add	*3,945.39*	
		For Class 55 Rating, Add	*5,883.10*	
		For Class 56 Rating, Add	*7,794.73*	
40 05 19 00-1010	EA	36" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,813.01	1,890.85
		For Class 52 Rating, Deduct	*-2,964.29*	
		For Class 54 Rating, Add	*4,076.59*	
		For Class 55 Rating, Add	*6,078.18*	
		For Class 56 Rating, Add	*8,052.82*	
40 05 19 00-1011	EA	36" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,692.54	1,894.34
		For Class 52 Rating, Deduct	*-3,060.46*	
		For Class 54 Rating, Add	*4,207.79*	
		For Class 55 Rating, Add	*6,273.26*	
		For Class 56 Rating, Add	*8,310.91*	
40 05 19 00-1012	EA	36" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,572.07	1,897.82
		For Class 52 Rating, Deduct	*-3,156.62*	
		For Class 54 Rating, Add	*4,338.99*	
		For Class 55 Rating, Add	*6,468.35*	
		For Class 56 Rating, Add	*8,569.01*	
40 05 19 00-1013	EA	36" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,451.61	1,901.31
		For Class 52 Rating, Deduct	*-3,252.79*	
		For Class 54 Rating, Add	*4,470.19*	
		For Class 55 Rating, Add	*6,663.43*	
		For Class 56 Rating, Add	*8,827.10*	
40 05 19 00-1014	EA	36" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,331.14	1,904.80
		For Class 52 Rating, Deduct	*-3,348.96*	
		For Class 54 Rating, Add	*4,601.39*	
		For Class 55 Rating, Add	*6,858.52*	
		For Class 56 Rating, Add	*9,085.19*	
40 05 19 00-1015	EA	36" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,210.67	1,908.29
		For Class 52 Rating, Deduct	*-3,445.12*	
		For Class 54 Rating, Add	*4,732.59*	
		For Class 55 Rating, Add	*7,053.60*	
		For Class 56 Rating, Add	*9,343.29*	
40 05 19 00-1016	EA	36" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,090.20	1,911.78
		For Class 52 Rating, Deduct	*-3,541.29*	
		For Class 54 Rating, Add	*4,863.79*	
		For Class 55 Rating, Add	*7,248.68*	
		For Class 56 Rating, Add	*9,601.38*	
40 05 19 00-1017	EA	36" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,969.73	1,915.27
		For Class 52 Rating, Deduct	*-3,637.46*	
		For Class 54 Rating, Add	*4,994.99*	
		For Class 55 Rating, Add	*7,443.77*	
		For Class 56 Rating, Add	*9,859.47*	
40 05 19 00-1018	EA	36" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,849.26	1,918.76
		For Class 52 Rating, Deduct	*-3,733.63*	
		For Class 54 Rating, Add	*5,126.19*	
		For Class 55 Rating, Add	*7,638.85*	
		For Class 56 Rating, Add	*10,117.56*	
40 05 19 00-1019	EA	36" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,728.79	1,922.25
		For Class 52 Rating, Deduct	*-3,829.79*	
		For Class 54 Rating, Add	*5,257.39*	
		For Class 55 Rating, Add	*7,833.93*	
		For Class 56 Rating, Add	*10,375.66*	
40 05 19 00-1020	EA	36" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	38,608.33	1,925.73
		For Class 52 Rating, Deduct	*-3,925.96*	
		For Class 54 Rating, Add	*5,388.59*	
		For Class 55 Rating, Add	*8,029.02*	
		For Class 56 Rating, Add	*10,633.75*	
40 05 19 00-1021	EA	36" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,487.85	1,929.22
		For Class 52 Rating, Deduct	*-4,022.13*	
		For Class 54 Rating, Add	*5,519.79*	
		For Class 55 Rating, Add	*8,224.10*	
		For Class 56 Rating, Add	*10,891.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1022	EA	36" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,367.39	1,932.71
		For Class 52 Rating, Deduct	*-4,118.29*	
		For Class 54 Rating, Add	*5,650.99*	
		For Class 55 Rating, Add	*8,419.18*	
		For Class 56 Rating, Add	*11,149.93*	
40 05 19 00-1023	EA	36" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,246.91	1,936.20
		For Class 52 Rating, Deduct	*-4,214.46*	
		For Class 54 Rating, Add	*5,782.19*	
		For Class 55 Rating, Add	*8,614.27*	
		For Class 56 Rating, Add	*11,408.03*	
40 05 19 00-1024	EA	36" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	42,126.45	1,939.69
		For Class 52 Rating, Deduct	*-4,310.63*	
		For Class 54 Rating, Add	*5,913.40*	
		For Class 55 Rating, Add	*8,809.35*	
		For Class 56 Rating, Add	*11,666.12*	
40 05 19 00-1025	EA	36" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	43,005.97	1,943.18
		For Class 52 Rating, Deduct	*-4,406.79*	
		For Class 54 Rating, Add	*6,044.59*	
		For Class 55 Rating, Add	*9,004.43*	
		For Class 56 Rating, Add	*11,924.21*	
40 05 19 00-1026	EA	36" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	43,885.51	1,946.67
		For Class 52 Rating, Deduct	*-4,502.96*	
		For Class 54 Rating, Add	*6,175.80*	
		For Class 55 Rating, Add	*9,199.52*	
		For Class 56 Rating, Add	*12,182.30*	
40 05 19 00-1027	EA	36" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	44,765.03	1,950.16
		For Class 52 Rating, Deduct	*-4,599.13*	
		For Class 54 Rating, Add	*6,306.99*	
		For Class 55 Rating, Add	*9,394.60*	
		For Class 56 Rating, Add	*12,440.40*	

40 05 19 00-1028 Flanged End x Plain End (FxPE), Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0001)*

40 05 19 00-1029 4" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1030	EA	4" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	635.79	170.62
		For Class 52 Rating, Deduct	*-41.50*	
		For Class 54 Rating, Add	*59.69*	
		For Class 55 Rating, Add	*90.34*	
		For Class 56 Rating, Add	*120.60*	
40 05 19 00-1031	EA	4" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	707.95	173.60
		For Class 52 Rating, Deduct	*-48.94*	
		For Class 54 Rating, Add	*69.90*	
		For Class 55 Rating, Add	*105.53*	
		For Class 56 Rating, Add	*140.72*	
40 05 19 00-1032	EA	4" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	780.12	176.59
		For Class 52 Rating, Deduct	*-56.38*	
		For Class 54 Rating, Add	*80.10*	
		For Class 55 Rating, Add	*120.73*	
		For Class 56 Rating, Add	*160.84*	
40 05 19 00-1033	EA	4" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	852.29	179.56
		For Class 52 Rating, Deduct	*-63.83*	
		For Class 54 Rating, Add	*90.30*	
		For Class 55 Rating, Add	*135.92*	
		For Class 56 Rating, Add	*180.96*	
40 05 19 00-1034	EA	4" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	924.46	182.55
		For Class 52 Rating, Deduct	*-71.27*	
		For Class 54 Rating, Add	*100.50*	
		For Class 55 Rating, Add	*151.12*	
		For Class 56 Rating, Add	*201.08*	
40 05 19 00-1035	EA	4" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	996.63	185.53
		For Class 52 Rating, Deduct	*-78.71*	
		For Class 54 Rating, Add	*110.70*	
		For Class 55 Rating, Add	*166.31*	
		For Class 56 Rating, Add	*221.20*	
40 05 19 00-1036	EA	4" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,068.80	188.52
		For Class 52 Rating, Deduct	*-86.15*	
		For Class 54 Rating, Add	*120.90*	
		For Class 55 Rating, Add	*181.50*	
		For Class 56 Rating, Add	*241.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1037	EA	4" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,140.97	191.49
		For Class 52 Rating, Deduct	*-93.59*	
		For Class 54 Rating, Add	*131.11*	
		For Class 55 Rating, Add	*196.70*	
		For Class 56 Rating, Add	*261.44*	
40 05 19 00-1038	EA	4" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,213.14	194.48
		For Class 52 Rating, Deduct	*-101.03*	
		For Class 54 Rating, Add	*141.31*	
		For Class 55 Rating, Add	*211.89*	
		For Class 56 Rating, Add	*281.56*	
40 05 19 00-1039	EA	4" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,285.31	197.46
		For Class 52 Rating, Deduct	*-108.47*	
		For Class 54 Rating, Add	*151.51*	
		For Class 55 Rating, Add	*227.09*	
		For Class 56 Rating, Add	*301.68*	
40 05 19 00-1040	EA	4" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,357.48	200.44
		For Class 52 Rating, Deduct	*-115.92*	
		For Class 54 Rating, Add	*161.71*	
		For Class 55 Rating, Add	*242.28*	
		For Class 56 Rating, Add	*321.80*	
40 05 19 00-1041	EA	4" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,429.65	203.42
		For Class 52 Rating, Deduct	*-123.36*	
		For Class 54 Rating, Add	*171.91*	
		For Class 55 Rating, Add	*257.48*	
		For Class 56 Rating, Add	*341.92*	
40 05 19 00-1042	EA	4" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,501.81	206.42
		For Class 52 Rating, Deduct	*-130.80*	
		For Class 54 Rating, Add	*182.11*	
		For Class 55 Rating, Add	*272.67*	
		For Class 56 Rating, Add	*362.04*	
40 05 19 00-1043	EA	4" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,573.99	209.40
		For Class 52 Rating, Deduct	*-138.24*	
		For Class 54 Rating, Add	*192.32*	
		For Class 55 Rating, Add	*287.87*	
		For Class 56 Rating, Add	*382.16*	
40 05 19 00-1044	EA	4" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,646.16	212.38
		For Class 52 Rating, Deduct	*-145.68*	
		For Class 54 Rating, Add	*202.52*	
		For Class 55 Rating, Add	*303.06*	
		For Class 56 Rating, Add	*402.28*	
40 05 19 00-1045	EA	4" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,718.32	215.36
		For Class 52 Rating, Deduct	*-153.12*	
		For Class 54 Rating, Add	*212.72*	
		For Class 55 Rating, Add	*318.25*	
		For Class 56 Rating, Add	*422.40*	
40 05 19 00-1046	EA	4" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,790.49	218.35
		For Class 52 Rating, Deduct	*-160.56*	
		For Class 54 Rating, Add	*222.92*	
		For Class 55 Rating, Add	*333.45*	
		For Class 56 Rating, Add	*442.51*	
40 05 19 00-1047	EA	4" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,862.66	221.32
		For Class 52 Rating, Deduct	*-168.01*	
		For Class 54 Rating, Add	*233.12*	
		For Class 55 Rating, Add	*348.64*	
		For Class 56 Rating, Add	*462.63*	
40 05 19 00-1048	EA	4" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,934.84	224.30
		For Class 52 Rating, Deduct	*-175.45*	
		For Class 54 Rating, Add	*243.33*	
		For Class 55 Rating, Add	*363.84*	
		For Class 56 Rating, Add	*482.75*	
40 05 19 00-1049	EA	4" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,007.00	227.29
		For Class 52 Rating, Deduct	*-182.89*	
		For Class 54 Rating, Add	*253.53*	
		For Class 55 Rating, Add	*379.03*	
		For Class 56 Rating, Add	*502.87*	
40 05 19 00-1050	EA	4" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,079.17	230.27
		For Class 52 Rating, Deduct	*-190.33*	
		For Class 54 Rating, Add	*263.73*	
		For Class 55 Rating, Add	*394.23*	
		For Class 56 Rating, Add	*522.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1051	EA	4" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,151.34	233.25
		For Class 52 Rating, Deduct	*-197.77*	
		For Class 54 Rating, Add	*273.93*	
		For Class 55 Rating, Add	*409.42*	
		For Class 56 Rating, Add	*543.11*	
40 05 19 00-1052	EA	4" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,223.51	236.23
		For Class 52 Rating, Deduct	*-205.21*	
		For Class 54 Rating, Add	*284.13*	
		For Class 55 Rating, Add	*424.61*	
		For Class 56 Rating, Add	*563.23*	
40 05 19 00-1053	EA	4" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,295.68	239.22
		For Class 52 Rating, Deduct	*-212.66*	
		For Class 54 Rating, Add	*294.33*	
		For Class 55 Rating, Add	*439.81*	
		For Class 56 Rating, Add	*583.35*	
40 05 19 00-1054	EA	4" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,367.85	242.19
		For Class 52 Rating, Deduct	*-220.10*	
		For Class 54 Rating, Add	*304.54*	
		For Class 55 Rating, Add	*455.00*	
		For Class 56 Rating, Add	*603.47*	
40 05 19 00-1055	EA	4" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,440.02	245.19
		For Class 52 Rating, Deduct	*-227.54*	
		For Class 54 Rating, Add	*314.74*	
		For Class 55 Rating, Add	*470.20*	
		For Class 56 Rating, Add	*623.59*	
40 05 19 00-1056	EA	4" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,512.18	248.17
		For Class 52 Rating, Deduct	*-234.98*	
		For Class 54 Rating, Add	*324.94*	
		For Class 55 Rating, Add	*485.39*	
		For Class 56 Rating, Add	*643.71*	
40 05 19 00-1057	EA	4" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,584.36	251.16
		For Class 52 Rating, Deduct	*-242.42*	
		For Class 54 Rating, Add	*335.14*	
		For Class 55 Rating, Add	*500.59*	
		For Class 56 Rating, Add	*663.83*	
40 05 19 00-1058	EA	4" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,656.53	254.13
		For Class 52 Rating, Deduct	*-249.86*	
		For Class 54 Rating, Add	*345.34*	
		For Class 55 Rating, Add	*515.78*	
		For Class 56 Rating, Add	*683.95*	
40 05 19 00-1059	EA	4" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,728.70	257.12
		For Class 52 Rating, Deduct	*-257.30*	
		For Class 54 Rating, Add	*355.54*	
		For Class 55 Rating, Add	*530.98*	
		For Class 56 Rating, Add	*704.07*	
40 05 19 00-1060	EA	4" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,800.86	260.10
		For Class 52 Rating, Deduct	*-264.75*	
		For Class 54 Rating, Add	*365.75*	
		For Class 55 Rating, Add	*546.17*	
		For Class 56 Rating, Add	*724.19*	
40 05 19 00-1061	EA	4" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,873.03	263.09
		For Class 52 Rating, Deduct	*-272.19*	
		For Class 54 Rating, Add	*375.95*	
		For Class 55 Rating, Add	*561.36*	
		For Class 56 Rating, Add	*744.31*	
40 05 19 00-1062	EA	4" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,945.21	266.06
		For Class 52 Rating, Deduct	*-279.63*	
		For Class 54 Rating, Add	*386.15*	
		For Class 55 Rating, Add	*576.56*	
		For Class 56 Rating, Add	*764.43*	
40 05 19 00-1063	EA	4" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,017.38	269.05
		For Class 52 Rating, Deduct	*-287.07*	
		For Class 54 Rating, Add	*396.35*	
		For Class 55 Rating, Add	*591.75*	
		For Class 56 Rating, Add	*784.55*	
40 05 19 00-1064	EA	4" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,089.54	272.03
		For Class 52 Rating, Deduct	*-294.51*	
		For Class 54 Rating, Add	*406.55*	
		For Class 55 Rating, Add	*606.95*	
		For Class 56 Rating, Add	*804.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1065	EA	4" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,161.71	275.01
		For Class 52 Rating, Deduct	*-301.95*	
		For Class 54 Rating, Add	*416.75*	
		For Class 55 Rating, Add	*622.14*	
		For Class 56 Rating, Add	*824.78*	
40 05 19 00-1066	EA	4" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,233.88	277.99
		For Class 52 Rating, Deduct	*-309.39*	
		For Class 54 Rating, Add	*426.96*	
		For Class 55 Rating, Add	*637.34*	
		For Class 56 Rating, Add	*844.90*	
40 05 19 00-1067	EA	4" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,306.05	280.99
		For Class 52 Rating, Deduct	*-316.84*	
		For Class 54 Rating, Add	*437.16*	
		For Class 55 Rating, Add	*652.53*	
		For Class 56 Rating, Add	*865.02*	
40 05 19 00-1068	EA	4" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,378.22	283.97
		For Class 52 Rating, Deduct	*-324.28*	
		For Class 54 Rating, Add	*447.36*	
		For Class 55 Rating, Add	*667.73*	
		For Class 56 Rating, Add	*885.14*	

40 05 19 00-1069 6" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1070	EA	6" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	796.34	214.77
		For Class 52 Rating, Deduct	*-51.80*	
		For Class 54 Rating, Add	*74.55*	
		For Class 55 Rating, Add	*112.83*	
		For Class 56 Rating, Add	*150.64*	
40 05 19 00-1071	EA	6" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	884.12	217.75
		For Class 52 Rating, Deduct	*-60.96*	
		For Class 54 Rating, Add	*87.09*	
		For Class 55 Rating, Add	*131.51*	
		For Class 56 Rating, Add	*175.37*	
40 05 19 00-1072	EA	6" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	971.91	220.72
		For Class 52 Rating, Deduct	*-70.12*	
		For Class 54 Rating, Add	*99.63*	
		For Class 55 Rating, Add	*150.18*	
		For Class 56 Rating, Add	*200.09*	
40 05 19 00-1073	EA	6" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,059.69	223.71
		For Class 52 Rating, Deduct	*-79.28*	
		For Class 54 Rating, Add	*112.18*	
		For Class 55 Rating, Add	*168.86*	
		For Class 56 Rating, Add	*224.82*	
40 05 19 00-1074	EA	6" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,147.46	226.69
		For Class 52 Rating, Deduct	*-88.44*	
		For Class 54 Rating, Add	*124.72*	
		For Class 55 Rating, Add	*187.53*	
		For Class 56 Rating, Add	*249.54*	
40 05 19 00-1075	EA	6" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,235.24	229.67
		For Class 52 Rating, Deduct	*-97.60*	
		For Class 54 Rating, Add	*137.26*	
		For Class 55 Rating, Add	*206.21*	
		For Class 56 Rating, Add	*274.27*	
40 05 19 00-1076	EA	6" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,323.03	232.65
		For Class 52 Rating, Deduct	*-106.76*	
		For Class 54 Rating, Add	*149.81*	
		For Class 55 Rating, Add	*224.89*	
		For Class 56 Rating, Add	*298.99*	
40 05 19 00-1077	EA	6" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,410.81	235.64
		For Class 52 Rating, Deduct	*-115.92*	
		For Class 54 Rating, Add	*162.35*	
		For Class 55 Rating, Add	*243.56*	
		For Class 56 Rating, Add	*323.72*	
40 05 19 00-1078	EA	6" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,498.59	238.62
		For Class 52 Rating, Deduct	*-125.07*	
		For Class 54 Rating, Add	*174.89*	
		For Class 55 Rating, Add	*262.24*	
		For Class 56 Rating, Add	*348.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1079	EA	6" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,586.37	241.60
		For Class 52 Rating, Deduct	*-134.23*	
		For Class 54 Rating, Add	*187.44*	
		For Class 55 Rating, Add	*280.91*	
		For Class 56 Rating, Add	*373.17*	
40 05 19 00-1080	EA	6" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,674.15	244.59
		For Class 52 Rating, Deduct	*-143.39*	
		For Class 54 Rating, Add	*199.98*	
		For Class 55 Rating, Add	*299.59*	
		For Class 56 Rating, Add	*397.89*	
40 05 19 00-1081	EA	6" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,761.93	247.58
		For Class 52 Rating, Deduct	*-152.55*	
		For Class 54 Rating, Add	*212.52*	
		For Class 55 Rating, Add	*318.26*	
		For Class 56 Rating, Add	*422.62*	
40 05 19 00-1082	EA	6" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,849.71	250.55
		For Class 52 Rating, Deduct	*-161.71*	
		For Class 54 Rating, Add	*225.07*	
		For Class 55 Rating, Add	*336.94*	
		For Class 56 Rating, Add	*447.34*	
40 05 19 00-1083	EA	6" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,937.50	253.54
		For Class 52 Rating, Deduct	*-170.87*	
		For Class 54 Rating, Add	*237.61*	
		For Class 55 Rating, Add	*355.62*	
		For Class 56 Rating, Add	*472.07*	
40 05 19 00-1084	EA	6" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,025.28	256.52
		For Class 52 Rating, Deduct	*-180.03*	
		For Class 54 Rating, Add	*250.16*	
		For Class 55 Rating, Add	*374.29*	
		For Class 56 Rating, Add	*496.79*	
40 05 19 00-1085	EA	6" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,113.05	259.51
		For Class 52 Rating, Deduct	*-189.19*	
		For Class 54 Rating, Add	*262.70*	
		For Class 55 Rating, Add	*392.97*	
		For Class 56 Rating, Add	*521.52*	
40 05 19 00-1086	EA	6" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,200.84	262.48
		For Class 52 Rating, Deduct	*-198.34*	
		For Class 54 Rating, Add	*275.24*	
		For Class 55 Rating, Add	*411.64*	
		For Class 56 Rating, Add	*546.24*	
40 05 19 00-1087	EA	6" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,288.62	265.47
		For Class 52 Rating, Deduct	*-207.50*	
		For Class 54 Rating, Add	*287.79*	
		For Class 55 Rating, Add	*430.32*	
		For Class 56 Rating, Add	*570.97*	
40 05 19 00-1088	EA	6" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,376.40	268.45
		For Class 52 Rating, Deduct	*-216.66*	
		For Class 54 Rating, Add	*300.33*	
		For Class 55 Rating, Add	*448.99*	
		For Class 56 Rating, Add	*595.69*	
40 05 19 00-1089	EA	6" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,464.17	271.44
		For Class 52 Rating, Deduct	*-225.82*	
		For Class 54 Rating, Add	*312.87*	
		For Class 55 Rating, Add	*467.67*	
		For Class 56 Rating, Add	*620.41*	
40 05 19 00-1090	EA	6" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,551.96	274.41
		For Class 52 Rating, Deduct	*-234.98*	
		For Class 54 Rating, Add	*325.42*	
		For Class 55 Rating, Add	*486.35*	
		For Class 56 Rating, Add	*645.14*	
40 05 19 00-1091	EA	6" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,639.75	277.40
		For Class 52 Rating, Deduct	*-244.14*	
		For Class 54 Rating, Add	*337.96*	
		For Class 55 Rating, Add	*505.02*	
		For Class 56 Rating, Add	*669.87*	
40 05 19 00-1092	EA	6" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,727.52	280.39
		For Class 52 Rating, Deduct	*-253.30*	
		For Class 54 Rating, Add	*350.50*	
		For Class 55 Rating, Add	*523.70*	
		For Class 56 Rating, Add	*694.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1093	EA	6" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,815.30	283.37
		For Class 52 Rating, Deduct	*-262.46*	
		For Class 54 Rating, Add	*363.05*	
		For Class 55 Rating, Add	*542.37*	
		For Class 56 Rating, Add	*719.31*	
40 05 19 00-1094	EA	6" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,903.08	286.35
		For Class 52 Rating, Deduct	*-271.61*	
		For Class 54 Rating, Add	*375.59*	
		For Class 55 Rating, Add	*561.05*	
		For Class 56 Rating, Add	*744.04*	
40 05 19 00-1095	EA	6" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,990.87	289.34
		For Class 52 Rating, Deduct	*-280.77*	
		For Class 54 Rating, Add	*388.13*	
		For Class 55 Rating, Add	*579.72*	
		For Class 56 Rating, Add	*768.76*	
40 05 19 00-1096	EA	6" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,078.64	292.32
		For Class 52 Rating, Deduct	*-289.93*	
		For Class 54 Rating, Add	*400.68*	
		For Class 55 Rating, Add	*598.40*	
		For Class 56 Rating, Add	*793.49*	
40 05 19 00-1097	EA	6" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,166.43	295.29
		For Class 52 Rating, Deduct	*-299.09*	
		For Class 54 Rating, Add	*413.22*	
		For Class 55 Rating, Add	*617.08*	
		For Class 56 Rating, Add	*818.22*	
40 05 19 00-1098	EA	6" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,254.21	298.28
		For Class 52 Rating, Deduct	*-308.25*	
		For Class 54 Rating, Add	*425.76*	
		For Class 55 Rating, Add	*635.75*	
		For Class 56 Rating, Add	*842.94*	
40 05 19 00-1099	EA	6" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,341.99	301.26
		For Class 52 Rating, Deduct	*-317.41*	
		For Class 54 Rating, Add	*438.31*	
		For Class 55 Rating, Add	*654.43*	
		For Class 56 Rating, Add	*867.66*	
40 05 19 00-1100	EA	6" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,429.77	304.24
		For Class 52 Rating, Deduct	*-326.57*	
		For Class 54 Rating, Add	*450.85*	
		For Class 55 Rating, Add	*673.10*	
		For Class 56 Rating, Add	*892.39*	
40 05 19 00-1101	EA	6" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,517.55	307.22
		For Class 52 Rating, Deduct	*-335.73*	
		For Class 54 Rating, Add	*463.39*	
		For Class 55 Rating, Add	*691.78*	
		For Class 56 Rating, Add	*917.11*	
40 05 19 00-1102	EA	6" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,605.33	310.21
		For Class 52 Rating, Deduct	*-344.88*	
		For Class 54 Rating, Add	*475.94*	
		For Class 55 Rating, Add	*710.45*	
		For Class 56 Rating, Add	*941.84*	
40 05 19 00-1103	EA	6" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,693.11	313.20
		For Class 52 Rating, Deduct	*-354.04*	
		For Class 54 Rating, Add	*488.48*	
		For Class 55 Rating, Add	*729.13*	
		For Class 56 Rating, Add	*966.56*	
40 05 19 00-1104	EA	6" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,780.89	316.17
		For Class 52 Rating, Deduct	*-363.20*	
		For Class 54 Rating, Add	*501.02*	
		For Class 55 Rating, Add	*747.81*	
		For Class 56 Rating, Add	*991.29*	
40 05 19 00-1105	EA	6" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,868.68	319.16
		For Class 52 Rating, Deduct	*-372.36*	
		For Class 54 Rating, Add	*513.57*	
		For Class 55 Rating, Add	*766.48*	
		For Class 56 Rating, Add	*1,016.01*	
40 05 19 00-1106	EA	6" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,956.46	322.15
		For Class 52 Rating, Deduct	*-381.52*	
		For Class 54 Rating, Add	*526.11*	
		For Class 55 Rating, Add	*785.16*	
		For Class 56 Rating, Add	*1,040.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1107	EA	6" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,044.23	325.12
		For Class 52 Rating, Deduct	*-390.68*	
		For Class 54 Rating, Add	*538.65*	
		For Class 55 Rating, Add	*803.83*	
		For Class 56 Rating, Add	*1,065.46*	
40 05 19 00-1108	EA	6" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,132.01	328.11
		For Class 52 Rating, Deduct	*-399.84*	
		For Class 54 Rating, Add	*551.20*	
		For Class 55 Rating, Add	*822.51*	
		For Class 56 Rating, Add	*1,090.19*	

40 05 19 00-1109 8" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1110	EA	8" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,100.08	274.41
		For Class 52 Rating, Deduct	*-75.27*	
		For Class 54 Rating, Add	*107.63*	
		For Class 55 Rating, Add	*162.58*	
		For Class 56 Rating, Add	*216.84*	
40 05 19 00-1111	EA	8" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,219.10	277.40
		For Class 52 Rating, Deduct	*-87.87*	
		For Class 54 Rating, Add	*124.86*	
		For Class 55 Rating, Add	*188.22*	
		For Class 56 Rating, Add	*250.77*	
40 05 19 00-1112	EA	8" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,338.09	280.39
		For Class 52 Rating, Deduct	*-100.46*	
		For Class 54 Rating, Add	*142.09*	
		For Class 55 Rating, Add	*213.85*	
		For Class 56 Rating, Add	*284.71*	
40 05 19 00-1113	EA	8" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,457.10	283.37
		For Class 52 Rating, Deduct	*-113.05*	
		For Class 54 Rating, Add	*159.32*	
		For Class 55 Rating, Add	*239.49*	
		For Class 56 Rating, Add	*318.65*	
40 05 19 00-1114	EA	8" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,576.10	286.35
		For Class 52 Rating, Deduct	*-125.65*	
		For Class 54 Rating, Add	*176.54*	
		For Class 55 Rating, Add	*265.13*	
		For Class 56 Rating, Add	*352.58*	
40 05 19 00-1115	EA	8" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,695.12	289.34
		For Class 52 Rating, Deduct	*-138.24*	
		For Class 54 Rating, Add	*193.77*	
		For Class 55 Rating, Add	*290.77*	
		For Class 56 Rating, Add	*386.52*	
40 05 19 00-1116	EA	8" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,814.11	292.32
		For Class 52 Rating, Deduct	*-150.83*	
		For Class 54 Rating, Add	*211.00*	
		For Class 55 Rating, Add	*316.41*	
		For Class 56 Rating, Add	*420.45*	
40 05 19 00-1117	EA	8" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,933.12	295.29
		For Class 52 Rating, Deduct	*-163.43*	
		For Class 54 Rating, Add	*228.22*	
		For Class 55 Rating, Add	*342.05*	
		For Class 56 Rating, Add	*454.39*	
40 05 19 00-1118	EA	8" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,052.12	298.28
		For Class 52 Rating, Deduct	*-176.02*	
		For Class 54 Rating, Add	*245.45*	
		For Class 55 Rating, Add	*367.69*	
		For Class 56 Rating, Add	*488.32*	
40 05 19 00-1119	EA	8" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,171.13	301.26
		For Class 52 Rating, Deduct	*-188.61*	
		For Class 54 Rating, Add	*262.68*	
		For Class 55 Rating, Add	*393.33*	
		For Class 56 Rating, Add	*522.26*	
40 05 19 00-1120	EA	8" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,290.13	304.24
		For Class 52 Rating, Deduct	*-201.21*	
		For Class 54 Rating, Add	*279.90*	
		For Class 55 Rating, Add	*418.96*	
		For Class 56 Rating, Add	*556.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1121	EA	8" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,409.13	307.22
		For Class 52 Rating, Deduct	*-213.80*	
		For Class 54 Rating, Add	*297.13*	
		For Class 55 Rating, Add	*444.60*	
		For Class 56 Rating, Add	*590.13*	
40 05 19 00-1122	EA	8" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,528.14	310.21
		For Class 52 Rating, Deduct	*-226.39*	
		For Class 54 Rating, Add	*314.36*	
		For Class 55 Rating, Add	*470.24*	
		For Class 56 Rating, Add	*624.07*	
40 05 19 00-1123	EA	8" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,647.13	313.20
		For Class 52 Rating, Deduct	*-238.99*	
		For Class 54 Rating, Add	*331.58*	
		For Class 55 Rating, Add	*495.88*	
		For Class 56 Rating, Add	*658.00*	
40 05 19 00-1124	EA	8" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,766.14	316.17
		For Class 52 Rating, Deduct	*-251.58*	
		For Class 54 Rating, Add	*348.81*	
		For Class 55 Rating, Add	*521.52*	
		For Class 56 Rating, Add	*691.94*	
40 05 19 00-1125	EA	8" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,885.15	319.16
		For Class 52 Rating, Deduct	*-264.17*	
		For Class 54 Rating, Add	*366.04*	
		For Class 55 Rating, Add	*547.16*	
		For Class 56 Rating, Add	*725.87*	
40 05 19 00-1126	EA	8" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,004.16	322.15
		For Class 52 Rating, Deduct	*-276.77*	
		For Class 54 Rating, Add	*383.27*	
		For Class 55 Rating, Add	*572.80*	
		For Class 56 Rating, Add	*759.81*	
40 05 19 00-1127	EA	8" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,123.15	325.12
		For Class 52 Rating, Deduct	*-289.36*	
		For Class 54 Rating, Add	*400.49*	
		For Class 55 Rating, Add	*598.43*	
		For Class 56 Rating, Add	*793.74*	
40 05 19 00-1128	EA	8" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,242.16	328.11
		For Class 52 Rating, Deduct	*-301.95*	
		For Class 54 Rating, Add	*417.72*	
		For Class 55 Rating, Add	*624.07*	
		For Class 56 Rating, Add	*827.68*	
40 05 19 00-1129	EA	8" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,361.16	331.09
		For Class 52 Rating, Deduct	*-314.55*	
		For Class 54 Rating, Add	*434.95*	
		For Class 55 Rating, Add	*649.71*	
		For Class 56 Rating, Add	*861.61*	
40 05 19 00-1130	EA	8" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,480.17	334.08
		For Class 52 Rating, Deduct	*-327.14*	
		For Class 54 Rating, Add	*452.17*	
		For Class 55 Rating, Add	*675.35*	
		For Class 56 Rating, Add	*895.55*	
40 05 19 00-1131	EA	8" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,599.17	337.05
		For Class 52 Rating, Deduct	*-339.73*	
		For Class 54 Rating, Add	*469.40*	
		For Class 55 Rating, Add	*700.99*	
		For Class 56 Rating, Add	*929.49*	
40 05 19 00-1132	EA	8" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,718.17	340.04
		For Class 52 Rating, Deduct	*-352.33*	
		For Class 54 Rating, Add	*486.63*	
		For Class 55 Rating, Add	*726.63*	
		For Class 56 Rating, Add	*963.42*	
40 05 19 00-1133	EA	8" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,837.18	343.02
		For Class 52 Rating, Deduct	*-364.92*	
		For Class 54 Rating, Add	*503.85*	
		For Class 55 Rating, Add	*752.26*	
		For Class 56 Rating, Add	*997.36*	
40 05 19 00-1134	EA	8" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,956.18	346.01
		For Class 52 Rating, Deduct	*-377.51*	
		For Class 54 Rating, Add	*521.08*	
		For Class 55 Rating, Add	*777.90*	
		For Class 56 Rating, Add	*1,031.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1135	EA	8" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,075.19	348.98
		For Class 52 Rating, Deduct	*-390.11*	
		For Class 54 Rating, Add	*538.31*	
		For Class 55 Rating, Add	*803.54*	
		For Class 56 Rating, Add	*1,065.23*	
40 05 19 00-1136	EA	8" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,194.19	351.97
		For Class 52 Rating, Deduct	*-402.70*	
		For Class 54 Rating, Add	*555.53*	
		For Class 55 Rating, Add	*829.18*	
		For Class 56 Rating, Add	*1,099.16*	
40 05 19 00-1137	EA	8" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,313.20	354.96
		For Class 52 Rating, Deduct	*-415.29*	
		For Class 54 Rating, Add	*572.76*	
		For Class 55 Rating, Add	*854.82*	
		For Class 56 Rating, Add	*1,133.10*	
40 05 19 00-1138	EA	8" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,432.19	357.93
		For Class 52 Rating, Deduct	*-427.89*	
		For Class 54 Rating, Add	*589.99*	
		For Class 55 Rating, Add	*880.46*	
		For Class 56 Rating, Add	*1,167.04*	
40 05 19 00-1139	EA	8" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,551.20	360.92
		For Class 52 Rating, Deduct	*-440.48*	
		For Class 54 Rating, Add	*607.21*	
		For Class 55 Rating, Add	*906.09*	
		For Class 56 Rating, Add	*1,200.97*	
40 05 19 00-1140	EA	8" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,670.21	363.91
		For Class 52 Rating, Deduct	*-453.07*	
		For Class 54 Rating, Add	*624.44*	
		For Class 55 Rating, Add	*931.73*	
		For Class 56 Rating, Add	*1,234.91*	
40 05 19 00-1141	EA	8" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,789.21	366.89
		For Class 52 Rating, Deduct	*-465.67*	
		For Class 54 Rating, Add	*641.67*	
		For Class 55 Rating, Add	*957.37*	
		For Class 56 Rating, Add	*1,268.84*	
40 05 19 00-1142	EA	8" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,908.21	369.86
		For Class 52 Rating, Deduct	*-478.26*	
		For Class 54 Rating, Add	*658.90*	
		For Class 55 Rating, Add	*983.01*	
		For Class 56 Rating, Add	*1,302.78*	
40 05 19 00-1143	EA	8" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,027.21	372.85
		For Class 52 Rating, Deduct	*-490.85*	
		For Class 54 Rating, Add	*676.12*	
		For Class 55 Rating, Add	*1,008.65*	
		For Class 56 Rating, Add	*1,336.71*	
40 05 19 00-1144	EA	8" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,146.23	375.83
		For Class 52 Rating, Deduct	*-503.45*	
		For Class 54 Rating, Add	*693.35*	
		For Class 55 Rating, Add	*1,034.29*	
		For Class 56 Rating, Add	*1,370.65*	
40 05 19 00-1145	EA	8" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,265.22	378.81
		For Class 52 Rating, Deduct	*-516.04*	
		For Class 54 Rating, Add	*710.58*	
		For Class 55 Rating, Add	*1,059.93*	
		For Class 56 Rating, Add	*1,404.58*	
40 05 19 00-1146	EA	8" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,384.23	381.79
		For Class 52 Rating, Deduct	*-528.63*	
		For Class 54 Rating, Add	*727.80*	
		For Class 55 Rating, Add	*1,085.57*	
		For Class 56 Rating, Add	*1,438.52*	
40 05 19 00-1147	EA	8" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,503.23	384.78
		For Class 52 Rating, Deduct	*-541.23*	
		For Class 54 Rating, Add	*745.03*	
		For Class 55 Rating, Add	*1,111.20*	
		For Class 56 Rating, Add	*1,472.46*	
40 05 19 00-1148	EA	8" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,622.24	387.77
		For Class 52 Rating, Deduct	*-553.82*	
		For Class 54 Rating, Add	*762.26*	
		For Class 55 Rating, Add	*1,136.84*	
		For Class 56 Rating, Add	*1,506.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1149		10" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*		
40 05 19 00-1150	EA	10" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,388.23	334.08
		For Class 52 Rating, Deduct	*-97.03*	
		For Class 54 Rating, Add	*138.38*	
		For Class 55 Rating, Add	*208.85*	
		For Class 56 Rating, Add	*278.43*	
40 05 19 00-1151	EA	10" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,543.65	337.05
		For Class 52 Rating, Deduct	*-113.63*	
		For Class 54 Rating, Add	*161.07*	
		For Class 55 Rating, Add	*242.61*	
		For Class 56 Rating, Add	*323.11*	
40 05 19 00-1152	EA	10" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,699.08	340.04
		For Class 52 Rating, Deduct	*-130.23*	
		For Class 54 Rating, Add	*183.76*	
		For Class 55 Rating, Add	*276.37*	
		For Class 56 Rating, Add	*367.79*	
40 05 19 00-1153	EA	10" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,854.51	343.02
		For Class 52 Rating, Deduct	*-146.83*	
		For Class 54 Rating, Add	*206.45*	
		For Class 55 Rating, Add	*310.13*	
		For Class 56 Rating, Add	*412.47*	
40 05 19 00-1154	EA	10" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,009.95	346.01
		For Class 52 Rating, Deduct	*-163.43*	
		For Class 54 Rating, Add	*229.15*	
		For Class 55 Rating, Add	*343.89*	
		For Class 56 Rating, Add	*457.15*	
40 05 19 00-1155	EA	10" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,165.38	348.98
		For Class 52 Rating, Deduct	*-180.03*	
		For Class 54 Rating, Add	*251.84*	
		For Class 55 Rating, Add	*377.65*	
		For Class 56 Rating, Add	*501.84*	
40 05 19 00-1156	EA	10" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,320.81	351.97
		For Class 52 Rating, Deduct	*-196.63*	
		For Class 54 Rating, Add	*274.53*	
		For Class 55 Rating, Add	*411.42*	
		For Class 56 Rating, Add	*546.52*	
40 05 19 00-1157	EA	10" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,476.24	354.96
		For Class 52 Rating, Deduct	*-213.23*	
		For Class 54 Rating, Add	*297.22*	
		For Class 55 Rating, Add	*445.18*	
		For Class 56 Rating, Add	*591.20*	
40 05 19 00-1158	EA	10" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,631.66	357.93
		For Class 52 Rating, Deduct	*-229.83*	
		For Class 54 Rating, Add	*319.91*	
		For Class 55 Rating, Add	*478.94*	
		For Class 56 Rating, Add	*635.88*	
40 05 19 00-1159	EA	10" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,787.10	360.92
		For Class 52 Rating, Deduct	*-246.43*	
		For Class 54 Rating, Add	*342.60*	
		For Class 55 Rating, Add	*512.70*	
		For Class 56 Rating, Add	*680.56*	
40 05 19 00-1160	EA	10" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,942.53	363.91
		For Class 52 Rating, Deduct	*-263.03*	
		For Class 54 Rating, Add	*365.29*	
		For Class 55 Rating, Add	*546.46*	
		For Class 56 Rating, Add	*725.24*	
40 05 19 00-1161	EA	10" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,097.97	366.89
		For Class 52 Rating, Deduct	*-279.63*	
		For Class 54 Rating, Add	*387.98*	
		For Class 55 Rating, Add	*580.23*	
		For Class 56 Rating, Add	*769.93*	
40 05 19 00-1162	EA	10" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,253.39	369.86
		For Class 52 Rating, Deduct	*-296.23*	
		For Class 54 Rating, Add	*410.67*	
		For Class 55 Rating, Add	*613.99*	
		For Class 56 Rating, Add	*814.61*	
40 05 19 00-1163	EA	10" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,408.82	372.85
		For Class 52 Rating, Deduct	*-312.83*	
		For Class 54 Rating, Add	*433.36*	
		For Class 55 Rating, Add	*647.75*	
		For Class 56 Rating, Add	*859.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1164	EA	10" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,564.26	375.83
		For Class 52 Rating, Deduct	*-329.43*	
		For Class 54 Rating, Add	*456.05*	
		For Class 55 Rating, Add	*681.51*	
		For Class 56 Rating, Add	*903.97*	
40 05 19 00-1165	EA	10" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,719.68	378.81
		For Class 52 Rating, Deduct	*-346.03*	
		For Class 54 Rating, Add	*478.75*	
		For Class 55 Rating, Add	*715.27*	
		For Class 56 Rating, Add	*948.65*	
40 05 19 00-1166	EA	10" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,875.11	381.79
		For Class 52 Rating, Deduct	*-362.63*	
		For Class 54 Rating, Add	*501.44*	
		For Class 55 Rating, Add	*749.03*	
		For Class 56 Rating, Add	*993.33*	
40 05 19 00-1167	EA	10" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,030.54	384.78
		For Class 52 Rating, Deduct	*-379.23*	
		For Class 54 Rating, Add	*524.13*	
		For Class 55 Rating, Add	*782.79*	
		For Class 56 Rating, Add	*1,038.01*	
40 05 19 00-1168	EA	10" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,185.98	387.77
		For Class 52 Rating, Deduct	*-395.83*	
		For Class 54 Rating, Add	*546.82*	
		For Class 55 Rating, Add	*816.56*	
		For Class 56 Rating, Add	*1,082.70*	
40 05 19 00-1169	EA	10" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,341.41	390.74
		For Class 52 Rating, Deduct	*-412.43*	
		For Class 54 Rating, Add	*569.51*	
		For Class 55 Rating, Add	*850.32*	
		For Class 56 Rating, Add	*1,127.38*	
40 05 19 00-1170	EA	10" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,496.84	393.73
		For Class 52 Rating, Deduct	*-429.03*	
		For Class 54 Rating, Add	*592.20*	
		For Class 55 Rating, Add	*884.08*	
		For Class 56 Rating, Add	*1,172.06*	
40 05 19 00-1171	EA	10" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,652.27	396.72
		For Class 52 Rating, Deduct	*-445.63*	
		For Class 54 Rating, Add	*614.89*	
		For Class 55 Rating, Add	*917.84*	
		For Class 56 Rating, Add	*1,216.74*	
40 05 19 00-1172	EA	10" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,807.70	399.69
		For Class 52 Rating, Deduct	*-462.23*	
		For Class 54 Rating, Add	*637.58*	
		For Class 55 Rating, Add	*951.60*	
		For Class 56 Rating, Add	*1,261.42*	
40 05 19 00-1173	EA	10" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,963.13	402.68
		For Class 52 Rating, Deduct	*-478.83*	
		For Class 54 Rating, Add	*660.27*	
		For Class 55 Rating, Add	*985.36*	
		For Class 56 Rating, Add	*1,306.10*	
40 05 19 00-1174	EA	10" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,118.56	405.66
		For Class 52 Rating, Deduct	*-495.43*	
		For Class 54 Rating, Add	*682.96*	
		For Class 55 Rating, Add	*1,019.13*	
		For Class 56 Rating, Add	*1,350.78*	
40 05 19 00-1175	EA	10" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,273.99	408.65
		For Class 52 Rating, Deduct	*-512.03*	
		For Class 54 Rating, Add	*705.65*	
		For Class 55 Rating, Add	*1,052.89*	
		For Class 56 Rating, Add	*1,395.46*	
40 05 19 00-1176	EA	10" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,429.42	411.62
		For Class 52 Rating, Deduct	*-528.63*	
		For Class 54 Rating, Add	*728.35*	
		For Class 55 Rating, Add	*1,086.65*	
		For Class 56 Rating, Add	*1,440.15*	
40 05 19 00-1177	EA	10" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,584.85	414.61
		For Class 52 Rating, Deduct	*-545.23*	
		For Class 54 Rating, Add	*751.04*	
		For Class 55 Rating, Add	*1,120.41*	
		For Class 56 Rating, Add	*1,484.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1178	EA	10" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,740.29	417.59
		For Class 52 Rating, Deduct	*-561.83*	
		For Class 54 Rating, Add	*773.73*	
		For Class 55 Rating, Add	*1,154.17*	
		For Class 56 Rating, Add	*1,529.51*	
40 05 19 00-1179	EA	10" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,895.72	420.58
		For Class 52 Rating, Deduct	*-578.43*	
		For Class 54 Rating, Add	*796.42*	
		For Class 55 Rating, Add	*1,187.93*	
		For Class 56 Rating, Add	*1,574.19*	
40 05 19 00-1180	EA	10" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,051.14	423.55
		For Class 52 Rating, Deduct	*-595.03*	
		For Class 54 Rating, Add	*819.11*	
		For Class 55 Rating, Add	*1,221.70*	
		For Class 56 Rating, Add	*1,618.87*	
40 05 19 00-1181	EA	10" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,206.57	426.54
		For Class 52 Rating, Deduct	*-611.63*	
		For Class 54 Rating, Add	*841.80*	
		For Class 55 Rating, Add	*1,255.46*	
		For Class 56 Rating, Add	*1,663.55*	
40 05 19 00-1182	EA	10" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,362.00	429.53
		For Class 52 Rating, Deduct	*-628.23*	
		For Class 54 Rating, Add	*864.49*	
		For Class 55 Rating, Add	*1,289.22*	
		For Class 56 Rating, Add	*1,708.24*	
40 05 19 00-1183	EA	10" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,517.45	432.50
		For Class 52 Rating, Deduct	*-644.83*	
		For Class 54 Rating, Add	*887.18*	
		For Class 55 Rating, Add	*1,322.98*	
		For Class 56 Rating, Add	*1,752.92*	
40 05 19 00-1184	EA	10" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,672.87	435.49
		For Class 52 Rating, Deduct	*-661.43*	
		For Class 54 Rating, Add	*909.87*	
		For Class 55 Rating, Add	*1,356.74*	
		For Class 56 Rating, Add	*1,797.60*	
40 05 19 00-1185	EA	10" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,828.30	438.48
		For Class 52 Rating, Deduct	*-678.03*	
		For Class 54 Rating, Add	*932.56*	
		For Class 55 Rating, Add	*1,390.51*	
		For Class 56 Rating, Add	*1,842.28*	
40 05 19 00-1186	EA	10" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,983.73	441.46
		For Class 52 Rating, Deduct	*-694.63*	
		For Class 54 Rating, Add	*955.26*	
		For Class 55 Rating, Add	*1,424.27*	
		For Class 56 Rating, Add	*1,886.96*	
40 05 19 00-1187	EA	10" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,139.15	444.43
		For Class 52 Rating, Deduct	*-711.23*	
		For Class 54 Rating, Add	*977.95*	
		For Class 55 Rating, Add	*1,458.03*	
		For Class 56 Rating, Add	*1,931.64*	
40 05 19 00-1188	EA	10" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,294.59	447.42
		For Class 52 Rating, Deduct	*-727.83*	
		For Class 54 Rating, Add	*1,000.64*	
		For Class 55 Rating, Add	*1,491.79*	
		For Class 56 Rating, Add	*1,976.33*	
40 05 19 00-1189		12" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*		
40 05 19 00-1190	EA	12" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,808.79	417.59
		For Class 52 Rating, Deduct	*-129.37*	
		For Class 54 Rating, Add	*184.00*	
		For Class 55 Rating, Add	*277.45*	
		For Class 56 Rating, Add	*369.72*	
40 05 19 00-1191	EA	12" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,003.25	420.58
		For Class 52 Rating, Deduct	*-150.26*	
		For Class 54 Rating, Add	*212.55*	
		For Class 55 Rating, Add	*319.91*	
		For Class 56 Rating, Add	*425.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1192	EA	12" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,197.70	423.55
		For Class 52 Rating, Deduct	*-171.15*	
		For Class 54 Rating, Add	*241.09*	
		For Class 55 Rating, Add	*362.38*	
		For Class 56 Rating, Add	*482.11*	
40 05 19 00-1193	EA	12" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,392.16	426.54
		For Class 52 Rating, Deduct	*-192.05*	
		For Class 54 Rating, Add	*269.64*	
		For Class 55 Rating, Add	*404.84*	
		For Class 56 Rating, Add	*538.30*	
40 05 19 00-1194	EA	12" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,586.62	429.53
		For Class 52 Rating, Deduct	*-212.94*	
		For Class 54 Rating, Add	*298.18*	
		For Class 55 Rating, Add	*447.31*	
		For Class 56 Rating, Add	*594.50*	
40 05 19 00-1195	EA	12" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,781.09	432.50
		For Class 52 Rating, Deduct	*-233.83*	
		For Class 54 Rating, Add	*326.73*	
		For Class 55 Rating, Add	*489.77*	
		For Class 56 Rating, Add	*650.69*	
40 05 19 00-1196	EA	12" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,975.54	435.49
		For Class 52 Rating, Deduct	*-254.73*	
		For Class 54 Rating, Add	*355.27*	
		For Class 55 Rating, Add	*532.24*	
		For Class 56 Rating, Add	*706.89*	
40 05 19 00-1197	EA	12" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,170.00	438.48
		For Class 52 Rating, Deduct	*-275.62*	
		For Class 54 Rating, Add	*383.82*	
		For Class 55 Rating, Add	*574.70*	
		For Class 56 Rating, Add	*763.08*	
40 05 19 00-1198	EA	12" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,364.46	441.46
		For Class 52 Rating, Deduct	*-296.51*	
		For Class 54 Rating, Add	*412.36*	
		For Class 55 Rating, Add	*617.17*	
		For Class 56 Rating, Add	*819.28*	
40 05 19 00-1199	EA	12" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,558.91	444.43
		For Class 52 Rating, Deduct	*-317.41*	
		For Class 54 Rating, Add	*440.91*	
		For Class 55 Rating, Add	*659.63*	
		For Class 56 Rating, Add	*875.47*	
40 05 19 00-1200	EA	12" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,753.38	447.42
		For Class 52 Rating, Deduct	*-338.30*	
		For Class 54 Rating, Add	*469.46*	
		For Class 55 Rating, Add	*702.10*	
		For Class 56 Rating, Add	*931.67*	
40 05 19 00-1201	EA	12" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,947.84	450.40
		For Class 52 Rating, Deduct	*-359.20*	
		For Class 54 Rating, Add	*498.00*	
		For Class 55 Rating, Add	*744.56*	
		For Class 56 Rating, Add	*987.86*	
40 05 19 00-1202	EA	12" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,142.30	453.38
		For Class 52 Rating, Deduct	*-380.09*	
		For Class 54 Rating, Add	*526.55*	
		For Class 55 Rating, Add	*787.03*	
		For Class 56 Rating, Add	*1,044.06*	
40 05 19 00-1203	EA	12" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,336.75	456.36
		For Class 52 Rating, Deduct	*-400.98*	
		For Class 54 Rating, Add	*555.09*	
		For Class 55 Rating, Add	*829.49*	
		For Class 56 Rating, Add	*1,100.25*	
40 05 19 00-1204	EA	12" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,531.22	459.35
		For Class 52 Rating, Deduct	*-421.88*	
		For Class 54 Rating, Add	*583.64*	
		For Class 55 Rating, Add	*871.96*	
		For Class 56 Rating, Add	*1,156.45*	
40 05 19 00-1205	EA	12" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,725.68	462.34
		For Class 52 Rating, Deduct	*-442.77*	
		For Class 54 Rating, Add	*612.18*	
		For Class 55 Rating, Add	*914.43*	
		For Class 56 Rating, Add	*1,212.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1206	EA	12" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,920.14	465.31
		For Class 52 Rating, Deduct	*-463.66*	
		For Class 54 Rating, Add	*640.73*	
		For Class 55 Rating, Add	*956.89*	
		For Class 56 Rating, Add	*1,268.84*	
40 05 19 00-1207	EA	12" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,114.59	468.30
		For Class 52 Rating, Deduct	*-484.56*	
		For Class 54 Rating, Add	*669.27*	
		For Class 55 Rating, Add	*999.36*	
		For Class 56 Rating, Add	*1,325.03*	
40 05 19 00-1208	EA	12" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,309.05	471.29
		For Class 52 Rating, Deduct	*-505.45*	
		For Class 54 Rating, Add	*697.82*	
		For Class 55 Rating, Add	*1,041.82*	
		For Class 56 Rating, Add	*1,381.23*	
40 05 19 00-1209	EA	12" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,503.52	474.26
		For Class 52 Rating, Deduct	*-526.34*	
		For Class 54 Rating, Add	*726.36*	
		For Class 55 Rating, Add	*1,084.29*	
		For Class 56 Rating, Add	*1,437.42*	
40 05 19 00-1210	EA	12" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,697.97	477.25
		For Class 52 Rating, Deduct	*-547.24*	
		For Class 54 Rating, Add	*754.91*	
		For Class 55 Rating, Add	*1,126.75*	
		For Class 56 Rating, Add	*1,493.62*	
40 05 19 00-1211	EA	12" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,892.43	480.23
		For Class 52 Rating, Deduct	*-568.13*	
		For Class 54 Rating, Add	*783.45*	
		For Class 55 Rating, Add	*1,169.22*	
		For Class 56 Rating, Add	*1,549.81*	
40 05 19 00-1212	EA	12" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,086.89	483.22
		For Class 52 Rating, Deduct	*-589.02*	
		For Class 54 Rating, Add	*812.00*	
		For Class 55 Rating, Add	*1,211.68*	
		For Class 56 Rating, Add	*1,606.01*	
40 05 19 00-1213	EA	12" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,281.35	486.19
		For Class 52 Rating, Deduct	*-609.92*	
		For Class 54 Rating, Add	*840.54*	
		For Class 55 Rating, Add	*1,254.15*	
		For Class 56 Rating, Add	*1,662.20*	
40 05 19 00-1214	EA	12" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,475.81	489.18
		For Class 52 Rating, Deduct	*-630.81*	
		For Class 54 Rating, Add	*869.09*	
		For Class 55 Rating, Add	*1,296.61*	
		For Class 56 Rating, Add	*1,718.40*	
40 05 19 00-1215	EA	12" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,670.27	492.16
		For Class 52 Rating, Deduct	*-651.70*	
		For Class 54 Rating, Add	*897.63*	
		For Class 55 Rating, Add	*1,339.08*	
		For Class 56 Rating, Add	*1,774.59*	
40 05 19 00-1216	EA	12" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,864.73	495.15
		For Class 52 Rating, Deduct	*-672.60*	
		For Class 54 Rating, Add	*926.18*	
		For Class 55 Rating, Add	*1,381.54*	
		For Class 56 Rating, Add	*1,830.79*	
40 05 19 00-1217	EA	12" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,059.19	498.12
		For Class 52 Rating, Deduct	*-693.49*	
		For Class 54 Rating, Add	*954.72*	
		For Class 55 Rating, Add	*1,424.01*	
		For Class 56 Rating, Add	*1,886.98*	
40 05 19 00-1218	EA	12" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,253.65	501.11
		For Class 52 Rating, Deduct	*-714.38*	
		For Class 54 Rating, Add	*983.27*	
		For Class 55 Rating, Add	*1,466.47*	
		For Class 56 Rating, Add	*1,943.18*	
40 05 19 00-1219	EA	12" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,448.11	504.10
		For Class 52 Rating, Deduct	*-735.28*	
		For Class 54 Rating, Add	*1,011.81*	
		For Class 55 Rating, Add	*1,508.94*	
		For Class 56 Rating, Add	*1,999.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1220	EA	12" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,642.57	507.07
		For Class 52 Rating, Deduct	*-756.17*	
		For Class 54 Rating, Add	*1,040.36*	
		For Class 55 Rating, Add	*1,551.40*	
		For Class 56 Rating, Add	*2,055.57*	
40 05 19 00-1221	EA	12" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,837.02	510.06
		For Class 52 Rating, Deduct	*-777.06*	
		For Class 54 Rating, Add	*1,068.91*	
		For Class 55 Rating, Add	*1,593.87*	
		For Class 56 Rating, Add	*2,111.76*	
40 05 19 00-1222	EA	12" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,031.48	513.04
		For Class 52 Rating, Deduct	*-797.96*	
		For Class 54 Rating, Add	*1,097.45*	
		For Class 55 Rating, Add	*1,636.33*	
		For Class 56 Rating, Add	*2,167.96*	
40 05 19 00-1223	EA	12" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,225.95	516.03
		For Class 52 Rating, Deduct	*-818.85*	
		For Class 54 Rating, Add	*1,126.00*	
		For Class 55 Rating, Add	*1,678.80*	
		For Class 56 Rating, Add	*2,224.15*	
40 05 19 00-1224	EA	12" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,420.41	519.00
		For Class 52 Rating, Deduct	*-839.74*	
		For Class 54 Rating, Add	*1,154.54*	
		For Class 55 Rating, Add	*1,721.26*	
		For Class 56 Rating, Add	*2,280.35*	
40 05 19 00-1225	EA	12" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,614.86	521.99
		For Class 52 Rating, Deduct	*-860.64*	
		For Class 54 Rating, Add	*1,183.09*	
		For Class 55 Rating, Add	*1,763.73*	
		For Class 56 Rating, Add	*2,336.54*	
40 05 19 00-1226	EA	12" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,809.32	524.97
		For Class 52 Rating, Deduct	*-881.53*	
		For Class 54 Rating, Add	*1,211.63*	
		For Class 55 Rating, Add	*1,806.19*	
		For Class 56 Rating, Add	*2,392.74*	
40 05 19 00-1227	EA	12" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,003.78	527.95
		For Class 52 Rating, Deduct	*-902.42*	
		For Class 54 Rating, Add	*1,240.18*	
		For Class 55 Rating, Add	*1,848.66*	
		For Class 56 Rating, Add	*2,448.93*	
40 05 19 00-1228	EA	12" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,198.25	530.93
		For Class 52 Rating, Deduct	*-923.32*	
		For Class 54 Rating, Add	*1,268.72*	
		For Class 55 Rating, Add	*1,891.12*	
		For Class 56 Rating, Add	*2,505.13*	

40 05 19 00-1229 14" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1230	EA	14" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,437.50	501.11
		For Class 52 Rating, Deduct	*-184.61*	
		For Class 54 Rating, Add	*260.85*	
		For Class 55 Rating, Add	*392.47*	
		For Class 56 Rating, Add	*522.41*	
40 05 19 00-1231	EA	14" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,673.59	504.10
		For Class 52 Rating, Deduct	*-210.08*	
		For Class 54 Rating, Add	*295.64*	
		For Class 55 Rating, Add	*444.22*	
		For Class 56 Rating, Add	*590.89*	
40 05 19 00-1232	EA	14" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,909.68	507.07
		For Class 52 Rating, Deduct	*-235.55*	
		For Class 54 Rating, Add	*330.43*	
		For Class 55 Rating, Add	*495.97*	
		For Class 56 Rating, Add	*659.37*	
40 05 19 00-1233	EA	14" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,145.76	510.06
		For Class 52 Rating, Deduct	*-261.02*	
		For Class 54 Rating, Add	*365.22*	
		For Class 55 Rating, Add	*547.72*	
		For Class 56 Rating, Add	*727.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1234	EA	14" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,381.85	513.04
		For Class 52 Rating, Deduct	*-286.50*	
		For Class 54 Rating, Add	*400.01*	
		For Class 55 Rating, Add	*599.46*	
		For Class 56 Rating, Add	*796.32*	
40 05 19 00-1235	EA	14" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,617.95	516.03
		For Class 52 Rating, Deduct	*-311.97*	
		For Class 54 Rating, Add	*434.80*	
		For Class 55 Rating, Add	*651.21*	
		For Class 56 Rating, Add	*864.79*	
40 05 19 00-1236	EA	14" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,854.04	519.00
		For Class 52 Rating, Deduct	*-337.44*	
		For Class 54 Rating, Add	*469.59*	
		For Class 55 Rating, Add	*702.96*	
		For Class 56 Rating, Add	*933.27*	
40 05 19 00-1237	EA	14" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,090.12	521.99
		For Class 52 Rating, Deduct	*-362.92*	
		For Class 54 Rating, Add	*504.38*	
		For Class 55 Rating, Add	*754.71*	
		For Class 56 Rating, Add	*1,001.74*	
40 05 19 00-1238	EA	14" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,326.22	524.97
		For Class 52 Rating, Deduct	*-388.39*	
		For Class 54 Rating, Add	*539.17*	
		For Class 55 Rating, Add	*806.46*	
		For Class 56 Rating, Add	*1,070.22*	
40 05 19 00-1239	EA	14" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,562.31	527.95
		For Class 52 Rating, Deduct	*-413.86*	
		For Class 54 Rating, Add	*573.96*	
		For Class 55 Rating, Add	*858.21*	
		For Class 56 Rating, Add	*1,138.70*	
40 05 19 00-1240	EA	14" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,798.41	530.93
		For Class 52 Rating, Deduct	*-439.33*	
		For Class 54 Rating, Add	*608.75*	
		For Class 55 Rating, Add	*909.96*	
		For Class 56 Rating, Add	*1,207.18*	
40 05 19 00-1241	EA	14" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,034.49	533.92
		For Class 52 Rating, Deduct	*-464.81*	
		For Class 54 Rating, Add	*643.54*	
		For Class 55 Rating, Add	*961.71*	
		For Class 56 Rating, Add	*1,275.65*	
40 05 19 00-1242	EA	14" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,270.58	536.91
		For Class 52 Rating, Deduct	*-490.28*	
		For Class 54 Rating, Add	*678.33*	
		For Class 55 Rating, Add	*1,013.45*	
		For Class 56 Rating, Add	*1,344.13*	
40 05 19 00-1243	EA	14" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,506.67	539.88
		For Class 52 Rating, Deduct	*-515.75*	
		For Class 54 Rating, Add	*713.12*	
		For Class 55 Rating, Add	*1,065.20*	
		For Class 56 Rating, Add	*1,412.60*	
40 05 19 00-1244	EA	14" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,742.75	542.87
		For Class 52 Rating, Deduct	*-541.23*	
		For Class 54 Rating, Add	*747.90*	
		For Class 55 Rating, Add	*1,116.95*	
		For Class 56 Rating, Add	*1,481.08*	
40 05 19 00-1245	EA	14" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,978.85	545.86
		For Class 52 Rating, Deduct	*-566.70*	
		For Class 54 Rating, Add	*782.69*	
		For Class 55 Rating, Add	*1,168.70*	
		For Class 56 Rating, Add	*1,549.55*	
40 05 19 00-1246	EA	14" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,214.94	548.83
		For Class 52 Rating, Deduct	*-592.17*	
		For Class 54 Rating, Add	*817.48*	
		For Class 55 Rating, Add	*1,220.45*	
		For Class 56 Rating, Add	*1,618.03*	
40 05 19 00-1247	EA	14" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,451.03	551.82
		For Class 52 Rating, Deduct	*-617.64*	
		For Class 54 Rating, Add	*852.27*	
		For Class 55 Rating, Add	*1,272.20*	
		For Class 56 Rating, Add	*1,686.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1248	EA	14" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,687.11	554.80
		For Class 52 Rating, Deduct	*-643.12*	
		For Class 54 Rating, Add	*887.06*	
		For Class 55 Rating, Add	*1,323.95*	
		For Class 56 Rating, Add	*1,754.98*	
40 05 19 00-1249	EA	14" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,923.22	557.79
		For Class 52 Rating, Deduct	*-668.59*	
		For Class 54 Rating, Add	*921.86*	
		For Class 55 Rating, Add	*1,375.70*	
		For Class 56 Rating, Add	*1,823.46*	
40 05 19 00-1250	EA	14" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,159.31	560.76
		For Class 52 Rating, Deduct	*-694.06*	
		For Class 54 Rating, Add	*956.64*	
		For Class 55 Rating, Add	*1,427.45*	
		For Class 56 Rating, Add	*1,891.94*	
40 05 19 00-1251	EA	14" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,395.40	563.75
		For Class 52 Rating, Deduct	*-719.54*	
		For Class 54 Rating, Add	*991.43*	
		For Class 55 Rating, Add	*1,479.19*	
		For Class 56 Rating, Add	*1,960.41*	
40 05 19 00-1252	EA	14" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,631.48	566.73
		For Class 52 Rating, Deduct	*-745.01*	
		For Class 54 Rating, Add	*1,026.22*	
		For Class 55 Rating, Add	*1,530.94*	
		For Class 56 Rating, Add	*2,028.89*	
40 05 19 00-1253	EA	14" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,867.57	569.72
		For Class 52 Rating, Deduct	*-770.48*	
		For Class 54 Rating, Add	*1,061.01*	
		For Class 55 Rating, Add	*1,582.69*	
		For Class 56 Rating, Add	*2,097.36*	
40 05 19 00-1254	EA	14" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,103.67	572.69
		For Class 52 Rating, Deduct	*-795.95*	
		For Class 54 Rating, Add	*1,095.80*	
		For Class 55 Rating, Add	*1,634.44*	
		For Class 56 Rating, Add	*2,165.84*	
40 05 19 00-1255	EA	14" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,339.75	575.69
		For Class 52 Rating, Deduct	*-821.43*	
		For Class 54 Rating, Add	*1,130.59*	
		For Class 55 Rating, Add	*1,686.19*	
		For Class 56 Rating, Add	*2,234.32*	
40 05 19 00-1256	EA	14" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,575.84	578.67
		For Class 52 Rating, Deduct	*-846.90*	
		For Class 54 Rating, Add	*1,165.38*	
		For Class 55 Rating, Add	*1,737.94*	
		For Class 56 Rating, Add	*2,302.79*	
40 05 19 00-1257	EA	14" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,811.93	581.64
		For Class 52 Rating, Deduct	*-872.37*	
		For Class 54 Rating, Add	*1,200.17*	
		For Class 55 Rating, Add	*1,789.69*	
		For Class 56 Rating, Add	*2,371.27*	
40 05 19 00-1258	EA	14" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,048.02	584.63
		For Class 52 Rating, Deduct	*-897.84*	
		For Class 54 Rating, Add	*1,234.96*	
		For Class 55 Rating, Add	*1,841.43*	
		For Class 56 Rating, Add	*2,439.74*	
40 05 19 00-1259	EA	14" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,284.11	587.61
		For Class 52 Rating, Deduct	*-923.32*	
		For Class 54 Rating, Add	*1,269.75*	
		For Class 55 Rating, Add	*1,893.18*	
		For Class 56 Rating, Add	*2,508.22*	
40 05 19 00-1260	EA	14" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,520.20	590.60
		For Class 52 Rating, Deduct	*-948.79*	
		For Class 54 Rating, Add	*1,304.54*	
		For Class 55 Rating, Add	*1,944.93*	
		For Class 56 Rating, Add	*2,576.70*	
40 05 19 00-1261	EA	14" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,756.30	593.57
		For Class 52 Rating, Deduct	*-974.26*	
		For Class 54 Rating, Add	*1,339.33*	
		For Class 55 Rating, Add	*1,996.68*	
		For Class 56 Rating, Add	*2,645.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1262	EA	14" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,992.39	596.56
		For Class 52 Rating, Deduct	*-999.74*	
		For Class 54 Rating, Add	*1,374.12*	
		For Class 55 Rating, Add	*2,048.43*	
		For Class 56 Rating, Add	*2,713.65*	
40 05 19 00-1263	EA	14" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,228.48	599.54
		For Class 52 Rating, Deduct	*-1,025.21*	
		For Class 54 Rating, Add	*1,408.91*	
		For Class 55 Rating, Add	*2,100.18*	
		For Class 56 Rating, Add	*2,782.13*	
40 05 19 00-1264	EA	14" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,464.57	602.52
		For Class 52 Rating, Deduct	*-1,050.68*	
		For Class 54 Rating, Add	*1,443.70*	
		For Class 55 Rating, Add	*2,151.93*	
		For Class 56 Rating, Add	*2,850.60*	
40 05 19 00-1265	EA	14" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,700.66	605.50
		For Class 52 Rating, Deduct	*-1,076.15*	
		For Class 54 Rating, Add	*1,478.49*	
		For Class 55 Rating, Add	*2,203.68*	
		For Class 56 Rating, Add	*2,919.08*	
40 05 19 00-1266	EA	14" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,936.74	608.49
		For Class 52 Rating, Deduct	*-1,101.63*	
		For Class 54 Rating, Add	*1,513.28*	
		For Class 55 Rating, Add	*2,255.42*	
		For Class 56 Rating, Add	*2,987.55*	
40 05 19 00-1267	EA	14" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,172.83	611.48
		For Class 52 Rating, Deduct	*-1,127.10*	
		For Class 54 Rating, Add	*1,548.07*	
		For Class 55 Rating, Add	*2,307.17*	
		For Class 56 Rating, Add	*3,056.03*	

40 05 19 00-1268 16" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1269	EA	16" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,852.99	572.69
		For Class 52 Rating, Deduct	*-218.38*	
		For Class 54 Rating, Add	*308.20*	
		For Class 55 Rating, Add	*463.54*	
		For Class 56 Rating, Add	*616.89*	
40 05 19 00-1270	EA	16" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,128.10	575.69
		For Class 52 Rating, Deduct	*-248.14*	
		For Class 54 Rating, Add	*348.85*	
		For Class 55 Rating, Add	*523.99*	
		For Class 56 Rating, Add	*696.88*	
40 05 19 00-1271	EA	16" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,403.22	578.67
		For Class 52 Rating, Deduct	*-277.91*	
		For Class 54 Rating, Add	*389.49*	
		For Class 55 Rating, Add	*584.44*	
		For Class 56 Rating, Add	*776.87*	
40 05 19 00-1272	EA	16" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,678.34	581.64
		For Class 52 Rating, Deduct	*-307.68*	
		For Class 54 Rating, Add	*430.13*	
		For Class 55 Rating, Add	*644.90*	
		For Class 56 Rating, Add	*856.86*	
40 05 19 00-1273	EA	16" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,953.46	584.63
		For Class 52 Rating, Deduct	*-337.44*	
		For Class 54 Rating, Add	*470.78*	
		For Class 55 Rating, Add	*705.35*	
		For Class 56 Rating, Add	*936.85*	
40 05 19 00-1274	EA	16" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,228.58	587.61
		For Class 52 Rating, Deduct	*-367.21*	
		For Class 54 Rating, Add	*511.42*	
		For Class 55 Rating, Add	*765.80*	
		For Class 56 Rating, Add	*1,016.84*	
40 05 19 00-1275	EA	16" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,503.70	590.60
		For Class 52 Rating, Deduct	*-396.97*	
		For Class 54 Rating, Add	*552.07*	
		For Class 55 Rating, Add	*826.25*	
		For Class 56 Rating, Add	*1,096.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1276	EA	16" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,778.82	593.57
		For Class 52 Rating, Deduct	*-426.74*	
		For Class 54 Rating, Add	*592.71*	
		For Class 55 Rating, Add	*886.70*	
		For Class 56 Rating, Add	*1,176.82*	
40 05 19 00-1277	EA	16" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,053.94	596.56
		For Class 52 Rating, Deduct	*-456.51*	
		For Class 54 Rating, Add	*633.36*	
		For Class 55 Rating, Add	*947.16*	
		For Class 56 Rating, Add	*1,256.81*	
40 05 19 00-1278	EA	16" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,329.06	599.54
		For Class 52 Rating, Deduct	*-486.27*	
		For Class 54 Rating, Add	*674.00*	
		For Class 55 Rating, Add	*1,007.61*	
		For Class 56 Rating, Add	*1,336.80*	
40 05 19 00-1279	EA	16" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,604.18	602.52
		For Class 52 Rating, Deduct	*-516.04*	
		For Class 54 Rating, Add	*714.64*	
		For Class 55 Rating, Add	*1,068.06*	
		For Class 56 Rating, Add	*1,416.79*	
40 05 19 00-1280	EA	16" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,879.30	605.50
		For Class 52 Rating, Deduct	*-545.80*	
		For Class 54 Rating, Add	*755.29*	
		For Class 55 Rating, Add	*1,128.51*	
		For Class 56 Rating, Add	*1,496.78*	
40 05 19 00-1281	EA	16" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,154.41	608.49
		For Class 52 Rating, Deduct	*-575.57*	
		For Class 54 Rating, Add	*795.93*	
		For Class 55 Rating, Add	*1,188.97*	
		For Class 56 Rating, Add	*1,576.77*	
40 05 19 00-1282	EA	16" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,429.53	611.48
		For Class 52 Rating, Deduct	*-605.34*	
		For Class 54 Rating, Add	*836.58*	
		For Class 55 Rating, Add	*1,249.42*	
		For Class 56 Rating, Add	*1,656.76*	
40 05 19 00-1283	EA	16" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,704.66	614.45
		For Class 52 Rating, Deduct	*-635.10*	
		For Class 54 Rating, Add	*877.22*	
		For Class 55 Rating, Add	*1,309.87*	
		For Class 56 Rating, Add	*1,736.75*	
40 05 19 00-1284	EA	16" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,979.78	617.44
		For Class 52 Rating, Deduct	*-664.87*	
		For Class 54 Rating, Add	*917.87*	
		For Class 55 Rating, Add	*1,370.32*	
		For Class 56 Rating, Add	*1,816.74*	
40 05 19 00-1285	EA	16" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,254.89	620.43
		For Class 52 Rating, Deduct	*-694.63*	
		For Class 54 Rating, Add	*958.51*	
		For Class 55 Rating, Add	*1,430.77*	
		For Class 56 Rating, Add	*1,896.72*	
40 05 19 00-1286	EA	16" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,530.01	623.40
		For Class 52 Rating, Deduct	*-724.40*	
		For Class 54 Rating, Add	*999.15*	
		For Class 55 Rating, Add	*1,491.23*	
		For Class 56 Rating, Add	*1,976.71*	
40 05 19 00-1287	EA	16" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,805.13	626.39
		For Class 52 Rating, Deduct	*-754.17*	
		For Class 54 Rating, Add	*1,039.80*	
		For Class 55 Rating, Add	*1,551.68*	
		For Class 56 Rating, Add	*2,056.70*	
40 05 19 00-1288	EA	16" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,080.26	629.37
		For Class 52 Rating, Deduct	*-783.93*	
		For Class 54 Rating, Add	*1,080.44*	
		For Class 55 Rating, Add	*1,612.13*	
		For Class 56 Rating, Add	*2,136.69*	
40 05 19 00-1289	EA	16" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,355.37	632.36
		For Class 52 Rating, Deduct	*-813.70*	
		For Class 54 Rating, Add	*1,121.09*	
		For Class 55 Rating, Add	*1,672.58*	
		For Class 56 Rating, Add	*2,216.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1290	EA	16" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,630.49	635.33
		For Class 52 Rating, Deduct	*-843.46*	
		For Class 54 Rating, Add	*1,161.73*	
		For Class 55 Rating, Add	*1,733.04*	
		For Class 56 Rating, Add	*2,296.67*	
40 05 19 00-1291	EA	16" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,905.61	638.32
		For Class 52 Rating, Deduct	*-873.23*	
		For Class 54 Rating, Add	*1,202.37*	
		For Class 55 Rating, Add	*1,793.49*	
		For Class 56 Rating, Add	*2,376.66*	
40 05 19 00-1292	EA	16" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,180.72	641.30
		For Class 52 Rating, Deduct	*-903.00*	
		For Class 54 Rating, Add	*1,243.02*	
		For Class 55 Rating, Add	*1,853.94*	
		For Class 56 Rating, Add	*2,456.65*	
40 05 19 00-1293	EA	16" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,455.85	644.29
		For Class 52 Rating, Deduct	*-932.76*	
		For Class 54 Rating, Add	*1,283.66*	
		For Class 55 Rating, Add	*1,914.39*	
		For Class 56 Rating, Add	*2,536.64*	
40 05 19 00-1294	EA	16" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,730.97	647.26
		For Class 52 Rating, Deduct	*-962.53*	
		For Class 54 Rating, Add	*1,324.31*	
		For Class 55 Rating, Add	*1,974.85*	
		For Class 56 Rating, Add	*2,616.63*	
40 05 19 00-1295	EA	16" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,006.09	650.26
		For Class 52 Rating, Deduct	*-992.29*	
		For Class 54 Rating, Add	*1,364.95*	
		For Class 55 Rating, Add	*2,035.30*	
		For Class 56 Rating, Add	*2,696.62*	
40 05 19 00-1296	EA	16" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,281.20	653.24
		For Class 52 Rating, Deduct	*-1,022.06*	
		For Class 54 Rating, Add	*1,405.60*	
		For Class 55 Rating, Add	*2,095.75*	
		For Class 56 Rating, Add	*2,776.61*	
40 05 19 00-1297	EA	16" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,556.33	656.21
		For Class 52 Rating, Deduct	*-1,051.83*	
		For Class 54 Rating, Add	*1,446.24*	
		For Class 55 Rating, Add	*2,156.20*	
		For Class 56 Rating, Add	*2,856.60*	
40 05 19 00-1298	EA	16" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,831.45	659.20
		For Class 52 Rating, Deduct	*-1,081.59*	
		For Class 54 Rating, Add	*1,486.88*	
		For Class 55 Rating, Add	*2,216.65*	
		For Class 56 Rating, Add	*2,936.59*	
40 05 19 00-1299	EA	16" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,106.57	662.18
		For Class 52 Rating, Deduct	*-1,111.36*	
		For Class 54 Rating, Add	*1,527.53*	
		For Class 55 Rating, Add	*2,277.11*	
		For Class 56 Rating, Add	*3,016.58*	
40 05 19 00-1300	EA	16" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,381.68	665.17
		For Class 52 Rating, Deduct	*-1,141.12*	
		For Class 54 Rating, Add	*1,568.17*	
		For Class 55 Rating, Add	*2,337.56*	
		For Class 56 Rating, Add	*3,096.57*	
40 05 19 00-1301	EA	16" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,656.79	668.14
		For Class 52 Rating, Deduct	*-1,170.89*	
		For Class 54 Rating, Add	*1,608.82*	
		For Class 55 Rating, Add	*2,398.01*	
		For Class 56 Rating, Add	*3,176.56*	
40 05 19 00-1302	EA	16" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,931.92	671.13
		For Class 52 Rating, Deduct	*-1,200.66*	
		For Class 54 Rating, Add	*1,649.46*	
		For Class 55 Rating, Add	*2,458.46*	
		For Class 56 Rating, Add	*3,256.55*	
40 05 19 00-1303	EA	16" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,207.03	674.11
		For Class 52 Rating, Deduct	*-1,230.42*	
		For Class 54 Rating, Add	*1,690.10*	
		For Class 55 Rating, Add	*2,518.91*	
		For Class 56 Rating, Add	*3,336.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1304	EA	16" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,482.15	677.09
		For Class 52 Rating, Deduct	*-1,260.19*	
		For Class 54 Rating, Add	*1,730.75*	
		For Class 55 Rating, Add	*2,579.37*	
		For Class 56 Rating, Add	*3,416.53*	
40 05 19 00-1305	EA	16" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,757.27	680.07
		For Class 52 Rating, Deduct	*-1,289.95*	
		For Class 54 Rating, Add	*1,771.39*	
		For Class 55 Rating, Add	*2,639.82*	
		For Class 56 Rating, Add	*3,496.52*	
40 05 19 00-1306	EA	16" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,032.39	683.06
		For Class 52 Rating, Deduct	*-1,319.72*	
		For Class 54 Rating, Add	*1,812.04*	
		For Class 55 Rating, Add	*2,700.27*	
		For Class 56 Rating, Add	*3,576.51*	

40 05 19 00-1307 18" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1308	EA	18" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,306.72	645.48
		For Class 52 Rating, Deduct	*-256.16*	
		For Class 54 Rating, Add	*361.04*	
		For Class 55 Rating, Add	*542.78*	
		For Class 56 Rating, Add	*722.18*	
40 05 19 00-1309	EA	18" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,623.47	648.47
		For Class 52 Rating, Deduct	*-290.50*	
		For Class 54 Rating, Add	*407.93*	
		For Class 55 Rating, Add	*612.51*	
		For Class 56 Rating, Add	*814.45*	
40 05 19 00-1310	EA	18" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,940.22	651.44
		For Class 52 Rating, Deduct	*-324.85*	
		For Class 54 Rating, Add	*454.82*	
		For Class 55 Rating, Add	*682.25*	
		For Class 56 Rating, Add	*906.72*	
40 05 19 00-1311	EA	18" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,256.97	654.43
		For Class 52 Rating, Deduct	*-359.20*	
		For Class 54 Rating, Add	*501.71*	
		For Class 55 Rating, Add	*751.98*	
		For Class 56 Rating, Add	*998.99*	
40 05 19 00-1312	EA	18" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,573.71	657.42
		For Class 52 Rating, Deduct	*-393.54*	
		For Class 54 Rating, Add	*548.60*	
		For Class 55 Rating, Add	*821.72*	
		For Class 56 Rating, Add	*1,091.26*	
40 05 19 00-1313	EA	18" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,890.46	660.39
		For Class 52 Rating, Deduct	*-427.89*	
		For Class 54 Rating, Add	*595.49*	
		For Class 55 Rating, Add	*891.46*	
		For Class 56 Rating, Add	*1,183.53*	
40 05 19 00-1314	EA	18" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,207.22	663.37
		For Class 52 Rating, Deduct	*-462.23*	
		For Class 54 Rating, Add	*642.38*	
		For Class 55 Rating, Add	*961.19*	
		For Class 56 Rating, Add	*1,275.80*	
40 05 19 00-1315	EA	18" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,523.97	666.36
		For Class 52 Rating, Deduct	*-496.58*	
		For Class 54 Rating, Add	*689.27*	
		For Class 55 Rating, Add	*1,030.93*	
		For Class 56 Rating, Add	*1,368.07*	
40 05 19 00-1316	EA	18" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,840.71	669.34
		For Class 52 Rating, Deduct	*-530.92*	
		For Class 54 Rating, Add	*736.15*	
		For Class 55 Rating, Add	*1,100.66*	
		For Class 56 Rating, Add	*1,460.34*	
40 05 19 00-1317	EA	18" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,157.46	672.32
		For Class 52 Rating, Deduct	*-565.27*	
		For Class 54 Rating, Add	*783.04*	
		For Class 55 Rating, Add	*1,170.40*	
		For Class 56 Rating, Add	*1,552.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1318	EA	18" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,474.22	675.30
		For Class 52 Rating, Deduct	*-599.61*	
		For Class 54 Rating, Add	*829.93*	
		For Class 55 Rating, Add	*1,240.13*	
		For Class 56 Rating, Add	*1,644.89*	
40 05 19 00-1319	EA	18" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,790.97	678.29
		For Class 52 Rating, Deduct	*-633.96*	
		For Class 54 Rating, Add	*876.82*	
		For Class 55 Rating, Add	*1,309.87*	
		For Class 56 Rating, Add	*1,737.16*	
40 05 19 00-1320	EA	18" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,107.71	681.26
		For Class 52 Rating, Deduct	*-668.30*	
		For Class 54 Rating, Add	*923.71*	
		For Class 55 Rating, Add	*1,379.61*	
		For Class 56 Rating, Add	*1,829.43*	
40 05 19 00-1321	EA	18" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,424.46	684.25
		For Class 52 Rating, Deduct	*-702.65*	
		For Class 54 Rating, Add	*970.60*	
		For Class 55 Rating, Add	*1,449.34*	
		For Class 56 Rating, Add	*1,921.70*	
40 05 19 00-1322	EA	18" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,741.21	687.24
		For Class 52 Rating, Deduct	*-736.99*	
		For Class 54 Rating, Add	*1,017.49*	
		For Class 55 Rating, Add	*1,519.08*	
		For Class 56 Rating, Add	*2,013.97*	
40 05 19 00-1323	EA	18" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,057.96	690.23
		For Class 52 Rating, Deduct	*-771.34*	
		For Class 54 Rating, Add	*1,064.37*	
		For Class 55 Rating, Add	*1,588.81*	
		For Class 56 Rating, Add	*2,106.24*	
40 05 19 00-1324	EA	18" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,374.71	693.20
		For Class 52 Rating, Deduct	*-805.68*	
		For Class 54 Rating, Add	*1,111.26*	
		For Class 55 Rating, Add	*1,658.55*	
		For Class 56 Rating, Add	*2,198.51*	
40 05 19 00-1325	EA	18" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,691.47	696.19
		For Class 52 Rating, Deduct	*-840.03*	
		For Class 54 Rating, Add	*1,158.15*	
		For Class 55 Rating, Add	*1,728.29*	
		For Class 56 Rating, Add	*2,290.78*	
40 05 19 00-1326	EA	18" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,008.22	699.17
		For Class 52 Rating, Deduct	*-874.38*	
		For Class 54 Rating, Add	*1,205.04*	
		For Class 55 Rating, Add	*1,798.02*	
		For Class 56 Rating, Add	*2,383.05*	
40 05 19 00-1327	EA	18" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,324.96	702.15
		For Class 52 Rating, Deduct	*-908.72*	
		For Class 54 Rating, Add	*1,251.93*	
		For Class 55 Rating, Add	*1,867.76*	
		For Class 56 Rating, Add	*2,475.32*	
40 05 19 00-1328	EA	18" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,641.72	705.13
		For Class 52 Rating, Deduct	*-943.07*	
		For Class 54 Rating, Add	*1,298.82*	
		For Class 55 Rating, Add	*1,937.49*	
		For Class 56 Rating, Add	*2,567.59*	
40 05 19 00-1329	EA	18" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,958.47	708.12
		For Class 52 Rating, Deduct	*-977.41*	
		For Class 54 Rating, Add	*1,345.71*	
		For Class 55 Rating, Add	*2,007.23*	
		For Class 56 Rating, Add	*2,659.86*	
40 05 19 00-1330	EA	18" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,275.22	711.10
		For Class 52 Rating, Deduct	*-1,011.76*	
		For Class 54 Rating, Add	*1,392.60*	
		For Class 55 Rating, Add	*2,076.97*	
		For Class 56 Rating, Add	*2,752.14*	
40 05 19 00-1331	EA	18" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,591.96	714.08
		For Class 52 Rating, Deduct	*-1,046.10*	
		For Class 54 Rating, Add	*1,439.49*	
		For Class 55 Rating, Add	*2,146.70*	
		For Class 56 Rating, Add	*2,844.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1332	EA	18" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,908.71	717.06
		For Class 52 Rating, Deduct	*-1,080.45*	
		For Class 54 Rating, Add	*1,486.38*	
		For Class 55 Rating, Add	*2,216.44*	
		For Class 56 Rating, Add	*2,936.68*	
40 05 19 00-1333	EA	18" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,225.47	720.05
		For Class 52 Rating, Deduct	*-1,114.79*	
		For Class 54 Rating, Add	*1,533.26*	
		For Class 55 Rating, Add	*2,286.17*	
		For Class 56 Rating, Add	*3,028.95*	
40 05 19 00-1334	EA	18" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,542.21	723.04
		For Class 52 Rating, Deduct	*-1,149.14*	
		For Class 54 Rating, Add	*1,580.15*	
		For Class 55 Rating, Add	*2,355.91*	
		For Class 56 Rating, Add	*3,121.22*	
40 05 19 00-1335	EA	18" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,858.96	726.01
		For Class 52 Rating, Deduct	*-1,183.48*	
		For Class 54 Rating, Add	*1,627.04*	
		For Class 55 Rating, Add	*2,425.64*	
		For Class 56 Rating, Add	*3,213.49*	
40 05 19 00-1336	EA	18" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,175.71	729.00
		For Class 52 Rating, Deduct	*-1,217.83*	
		For Class 54 Rating, Add	*1,673.93*	
		For Class 55 Rating, Add	*2,495.38*	
		For Class 56 Rating, Add	*3,305.76*	
40 05 19 00-1337	EA	18" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,492.47	731.99
		For Class 52 Rating, Deduct	*-1,252.17*	
		For Class 54 Rating, Add	*1,720.82*	
		For Class 55 Rating, Add	*2,565.12*	
		For Class 56 Rating, Add	*3,398.03*	
40 05 19 00-1338	EA	18" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,809.21	734.96
		For Class 52 Rating, Deduct	*-1,286.52*	
		For Class 54 Rating, Add	*1,767.71*	
		For Class 55 Rating, Add	*2,634.85*	
		For Class 56 Rating, Add	*3,490.30*	
40 05 19 00-1339	EA	18" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,125.96	737.94
		For Class 52 Rating, Deduct	*-1,320.86*	
		For Class 54 Rating, Add	*1,814.60*	
		For Class 55 Rating, Add	*2,704.59*	
		For Class 56 Rating, Add	*3,582.57*	
40 05 19 00-1340	EA	18" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,442.71	740.93
		For Class 52 Rating, Deduct	*-1,355.21*	
		For Class 54 Rating, Add	*1,861.48*	
		For Class 55 Rating, Add	*2,774.32*	
		For Class 56 Rating, Add	*3,674.84*	
40 05 19 00-1341	EA	18" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,759.46	743.91
		For Class 52 Rating, Deduct	*-1,389.56*	
		For Class 54 Rating, Add	*1,908.37*	
		For Class 55 Rating, Add	*2,844.06*	
		For Class 56 Rating, Add	*3,767.11*	
40 05 19 00-1342	EA	18" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,076.21	746.89
		For Class 52 Rating, Deduct	*-1,423.90*	
		For Class 54 Rating, Add	*1,955.26*	
		For Class 55 Rating, Add	*2,913.79*	
		For Class 56 Rating, Add	*3,859.38*	
40 05 19 00-1343	EA	18" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,392.96	749.87
		For Class 52 Rating, Deduct	*-1,458.25*	
		For Class 54 Rating, Add	*2,002.15*	
		For Class 55 Rating, Add	*2,983.53*	
		For Class 56 Rating, Add	*3,951.65*	
40 05 19 00-1344	EA	18" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,709.71	752.86
		For Class 52 Rating, Deduct	*-1,492.59*	
		For Class 54 Rating, Add	*2,049.04*	
		For Class 55 Rating, Add	*3,053.27*	
		For Class 56 Rating, Add	*4,043.92*	
40 05 19 00-1345	EA	18" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,026.45	755.83
		For Class 52 Rating, Deduct	*-1,526.94*	
		For Class 54 Rating, Add	*2,095.93*	
		For Class 55 Rating, Add	*3,123.00*	
		For Class 56 Rating, Add	*4,136.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1346		20" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*		
40 05 19 00-1347	EA	20" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,858.71	736.75
		For Class 52 Rating, Deduct	*-301.67*	
		For Class 54 Rating, Add	*424.76*	
		For Class 55 Rating, Add	*638.35*	
		For Class 56 Rating, Add	*849.20*	
40 05 19 00-1348	EA	20" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,222.29	739.74
		For Class 52 Rating, Deduct	*-341.16*	
		For Class 54 Rating, Add	*478.67*	
		For Class 55 Rating, Add	*718.53*	
		For Class 56 Rating, Add	*955.29*	
40 05 19 00-1349	EA	20" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,585.88	742.71
		For Class 52 Rating, Deduct	*-380.66*	
		For Class 54 Rating, Add	*532.59*	
		For Class 55 Rating, Add	*798.71*	
		For Class 56 Rating, Add	*1,061.37*	
40 05 19 00-1350	EA	20" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,949.47	745.70
		For Class 52 Rating, Deduct	*-420.16*	
		For Class 54 Rating, Add	*586.50*	
		For Class 55 Rating, Add	*878.89*	
		For Class 56 Rating, Add	*1,167.46*	
40 05 19 00-1351	EA	20" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,313.05	748.68
		For Class 52 Rating, Deduct	*-459.65*	
		For Class 54 Rating, Add	*640.41*	
		For Class 55 Rating, Add	*959.07*	
		For Class 56 Rating, Add	*1,273.55*	
40 05 19 00-1352	EA	20" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,676.63	751.66
		For Class 52 Rating, Deduct	*-499.15*	
		For Class 54 Rating, Add	*694.33*	
		For Class 55 Rating, Add	*1,039.25*	
		For Class 56 Rating, Add	*1,379.64*	
40 05 19 00-1353	EA	20" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,040.21	754.64
		For Class 52 Rating, Deduct	*-538.65*	
		For Class 54 Rating, Add	*748.24*	
		For Class 55 Rating, Add	*1,119.43*	
		For Class 56 Rating, Add	*1,485.72*	
40 05 19 00-1354	EA	20" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,403.81	757.63
		For Class 52 Rating, Deduct	*-578.15*	
		For Class 54 Rating, Add	*802.16*	
		For Class 55 Rating, Add	*1,199.61*	
		For Class 56 Rating, Add	*1,591.81*	
40 05 19 00-1355	EA	20" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,767.39	760.62
		For Class 52 Rating, Deduct	*-617.64*	
		For Class 54 Rating, Add	*856.07*	
		For Class 55 Rating, Add	*1,279.79*	
		For Class 56 Rating, Add	*1,697.90*	
40 05 19 00-1356	EA	20" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,130.97	763.59
		For Class 52 Rating, Deduct	*-657.14*	
		For Class 54 Rating, Add	*909.99*	
		For Class 55 Rating, Add	*1,359.97*	
		For Class 56 Rating, Add	*1,803.98*	
40 05 19 00-1357	EA	20" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,494.55	766.58
		For Class 52 Rating, Deduct	*-696.64*	
		For Class 54 Rating, Add	*963.90*	
		For Class 55 Rating, Add	*1,440.15*	
		For Class 56 Rating, Add	*1,910.07*	
40 05 19 00-1358	EA	20" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,858.15	769.57
		For Class 52 Rating, Deduct	*-736.14*	
		For Class 54 Rating, Add	*1,017.81*	
		For Class 55 Rating, Add	*1,520.33*	
		For Class 56 Rating, Add	*2,016.16*	
40 05 19 00-1359	EA	20" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,221.72	772.54
		For Class 52 Rating, Deduct	*-775.63*	
		For Class 54 Rating, Add	*1,071.73*	
		For Class 55 Rating, Add	*1,600.51*	
		For Class 56 Rating, Add	*2,122.24*	
40 05 19 00-1360	EA	20" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,585.31	775.53
		For Class 52 Rating, Deduct	*-815.13*	
		For Class 54 Rating, Add	*1,125.64*	
		For Class 55 Rating, Add	*1,680.69*	
		For Class 56 Rating, Add	*2,228.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1361	EA	20" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,948.89	778.51
		For Class 52 Rating, Deduct	*-854.63*	
		For Class 54 Rating, Add	*1,179.55*	
		For Class 55 Rating, Add	*1,760.87*	
		For Class 56 Rating, Add	*2,334.42*	
40 05 19 00-1362	EA	20" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,312.48	781.50
		For Class 52 Rating, Deduct	*-894.12*	
		For Class 54 Rating, Add	*1,233.47*	
		For Class 55 Rating, Add	*1,841.05*	
		For Class 56 Rating, Add	*2,440.50*	
40 05 19 00-1363	EA	20" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,676.06	784.47
		For Class 52 Rating, Deduct	*-933.62*	
		For Class 54 Rating, Add	*1,287.38*	
		For Class 55 Rating, Add	*1,921.23*	
		For Class 56 Rating, Add	*2,546.59*	
40 05 19 00-1364	EA	20" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,039.65	787.46
		For Class 52 Rating, Deduct	*-973.12*	
		For Class 54 Rating, Add	*1,341.30*	
		For Class 55 Rating, Add	*2,001.41*	
		For Class 56 Rating, Add	*2,652.68*	
40 05 19 00-1365	EA	20" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,403.23	790.44
		For Class 52 Rating, Deduct	*-1,012.61*	
		For Class 54 Rating, Add	*1,395.21*	
		For Class 55 Rating, Add	*2,081.59*	
		For Class 56 Rating, Add	*2,758.76*	
40 05 19 00-1366	EA	20" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,766.82	793.43
		For Class 52 Rating, Deduct	*-1,052.11*	
		For Class 54 Rating, Add	*1,449.12*	
		For Class 55 Rating, Add	*2,161.77*	
		For Class 56 Rating, Add	*2,864.85*	
40 05 19 00-1367	EA	20" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,130.39	796.40
		For Class 52 Rating, Deduct	*-1,091.61*	
		For Class 54 Rating, Add	*1,503.04*	
		For Class 55 Rating, Add	*2,241.95*	
		For Class 56 Rating, Add	*2,970.94*	
40 05 19 00-1368	EA	20" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,493.99	799.40
		For Class 52 Rating, Deduct	*-1,131.11*	
		For Class 54 Rating, Add	*1,556.95*	
		For Class 55 Rating, Add	*2,322.13*	
		For Class 56 Rating, Add	*3,077.03*	
40 05 19 00-1369	EA	20" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,857.57	802.38
		For Class 52 Rating, Deduct	*-1,170.60*	
		For Class 54 Rating, Add	*1,610.87*	
		For Class 55 Rating, Add	*2,402.31*	
		For Class 56 Rating, Add	*3,183.11*	
40 05 19 00-1370	EA	20" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,221.15	805.35
		For Class 52 Rating, Deduct	*-1,210.10*	
		For Class 54 Rating, Add	*1,664.78*	
		For Class 55 Rating, Add	*2,482.49*	
		For Class 56 Rating, Add	*3,289.20*	
40 05 19 00-1371	EA	20" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,584.73	808.34
		For Class 52 Rating, Deduct	*-1,249.60*	
		For Class 54 Rating, Add	*1,718.69*	
		For Class 55 Rating, Add	*2,562.67*	
		For Class 56 Rating, Add	*3,395.29*	
40 05 19 00-1372	EA	20" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,948.33	811.32
		For Class 52 Rating, Deduct	*-1,289.10*	
		For Class 54 Rating, Add	*1,772.61*	
		For Class 55 Rating, Add	*2,642.85*	
		For Class 56 Rating, Add	*3,501.37*	
40 05 19 00-1373	EA	20" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,311.91	814.31
		For Class 52 Rating, Deduct	*-1,328.59*	
		For Class 54 Rating, Add	*1,826.52*	
		For Class 55 Rating, Add	*2,723.03*	
		For Class 56 Rating, Add	*3,607.46*	
40 05 19 00-1374	EA	20" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,675.49	817.28
		For Class 52 Rating, Deduct	*-1,368.09*	
		For Class 54 Rating, Add	*1,880.44*	
		For Class 55 Rating, Add	*2,803.21*	
		For Class 56 Rating, Add	*3,713.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1375	EA	20" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,039.07	820.27
		For Class 52 Rating, Deduct	*-1,407.59*	
		For Class 54 Rating, Add	*1,934.35*	
		For Class 55 Rating, Add	*2,883.39*	
		For Class 56 Rating, Add	*3,819.63*	
40 05 19 00-1376	EA	20" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,402.66	823.25
		For Class 52 Rating, Deduct	*-1,447.08*	
		For Class 54 Rating, Add	*1,988.26*	
		For Class 55 Rating, Add	*2,963.57*	
		For Class 56 Rating, Add	*3,925.72*	
40 05 19 00-1377	EA	20" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,766.25	826.23
		For Class 52 Rating, Deduct	*-1,486.58*	
		For Class 54 Rating, Add	*2,042.18*	
		For Class 55 Rating, Add	*3,043.75*	
		For Class 56 Rating, Add	*4,031.81*	
40 05 19 00-1378	EA	20" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,129.83	829.21
		For Class 52 Rating, Deduct	*-1,526.08*	
		For Class 54 Rating, Add	*2,096.09*	
		For Class 55 Rating, Add	*3,123.93*	
		For Class 56 Rating, Add	*4,137.89*	
40 05 19 00-1379	EA	20" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,493.41	832.20
		For Class 52 Rating, Deduct	*-1,565.58*	
		For Class 54 Rating, Add	*2,150.01*	
		For Class 55 Rating, Add	*3,204.11*	
		For Class 56 Rating, Add	*4,243.98*	
40 05 19 00-1380	EA	20" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,857.00	835.19
		For Class 52 Rating, Deduct	*-1,605.07*	
		For Class 54 Rating, Add	*2,203.92*	
		For Class 55 Rating, Add	*3,284.29*	
		For Class 56 Rating, Add	*4,350.07*	
40 05 19 00-1381	EA	20" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,220.57	838.17
		For Class 52 Rating, Deduct	*-1,644.57*	
		For Class 54 Rating, Add	*2,257.83*	
		For Class 55 Rating, Add	*3,364.47*	
		For Class 56 Rating, Add	*4,456.15*	
40 05 19 00-1382	EA	20" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,584.17	841.15
		For Class 52 Rating, Deduct	*-1,684.07*	
		For Class 54 Rating, Add	*2,311.75*	
		For Class 55 Rating, Add	*3,444.65*	
		For Class 56 Rating, Add	*4,562.24*	
40 05 19 00-1383	EA	20" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,947.75	844.14
		For Class 52 Rating, Deduct	*-1,723.56*	
		For Class 54 Rating, Add	*2,365.66*	
		For Class 55 Rating, Add	*3,524.83*	
		For Class 56 Rating, Add	*4,668.33*	
40 05 19 00-1384	EA	20" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,311.34	847.11
		For Class 52 Rating, Deduct	*-1,763.06*	
		For Class 54 Rating, Add	*2,419.58*	
		For Class 55 Rating, Add	*3,605.01*	
		For Class 56 Rating, Add	*4,774.42*	

40 05 19 00-1385 24" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1386	EA	24" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,743.79	870.97
		For Class 52 Rating, Deduct	*-376.65*	
		For Class 54 Rating, Add	*529.46*	
		For Class 55 Rating, Add	*795.25*	
		For Class 56 Rating, Add	*1,057.63*	
40 05 19 00-1387	EA	24" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,193.24	873.97
		For Class 52 Rating, Deduct	*-425.60*	
		For Class 54 Rating, Add	*596.25*	
		For Class 55 Rating, Add	*894.58*	
		For Class 56 Rating, Add	*1,189.04*	
40 05 19 00-1388	EA	24" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,642.68	876.95
		For Class 52 Rating, Deduct	*-474.54*	
		For Class 54 Rating, Add	*663.04*	
		For Class 55 Rating, Add	*993.91*	
		For Class 56 Rating, Add	*1,320.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1389	EA	24" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,092.13	879.92
		For Class 52 Rating, Deduct	*-523.48*	
		For Class 54 Rating, Add	*729.84*	
		For Class 55 Rating, Add	*1,093.23*	
		For Class 56 Rating, Add	*1,451.87*	
40 05 19 00-1390	EA	24" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,541.58	882.91
		For Class 52 Rating, Deduct	*-572.42*	
		For Class 54 Rating, Add	*796.63*	
		For Class 55 Rating, Add	*1,192.56*	
		For Class 56 Rating, Add	*1,583.29*	
40 05 19 00-1391	EA	24" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,991.03	885.89
		For Class 52 Rating, Deduct	*-621.36*	
		For Class 54 Rating, Add	*863.42*	
		For Class 55 Rating, Add	*1,291.89*	
		For Class 56 Rating, Add	*1,714.71*	
40 05 19 00-1392	EA	24" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,440.48	888.88
		For Class 52 Rating, Deduct	*-670.31*	
		For Class 54 Rating, Add	*930.22*	
		For Class 55 Rating, Add	*1,391.22*	
		For Class 56 Rating, Add	*1,846.13*	
40 05 19 00-1393	EA	24" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,889.92	891.85
		For Class 52 Rating, Deduct	*-719.25*	
		For Class 54 Rating, Add	*997.01*	
		For Class 55 Rating, Add	*1,490.54*	
		For Class 56 Rating, Add	*1,977.54*	
40 05 19 00-1394	EA	24" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,339.36	894.84
		For Class 52 Rating, Deduct	*-768.19*	
		For Class 54 Rating, Add	*1,063.80*	
		For Class 55 Rating, Add	*1,589.87*	
		For Class 56 Rating, Add	*2,108.96*	
40 05 19 00-1395	EA	24" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,788.82	897.82
		For Class 52 Rating, Deduct	*-817.13*	
		For Class 54 Rating, Add	*1,130.60*	
		For Class 55 Rating, Add	*1,689.20*	
		For Class 56 Rating, Add	*2,240.37*	
40 05 19 00-1396	EA	24" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,238.27	900.80
		For Class 52 Rating, Deduct	*-866.08*	
		For Class 54 Rating, Add	*1,197.39*	
		For Class 55 Rating, Add	*1,788.53*	
		For Class 56 Rating, Add	*2,371.79*	
40 05 19 00-1397	EA	24" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,687.72	903.78
		For Class 52 Rating, Deduct	*-915.02*	
		For Class 54 Rating, Add	*1,264.18*	
		For Class 55 Rating, Add	*1,887.85*	
		For Class 56 Rating, Add	*2,503.21*	
40 05 19 00-1398	EA	24" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,137.16	906.77
		For Class 52 Rating, Deduct	*-963.96*	
		For Class 54 Rating, Add	*1,330.98*	
		For Class 55 Rating, Add	*1,987.18*	
		For Class 56 Rating, Add	*2,634.62*	
40 05 19 00-1399	EA	24" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,586.60	909.76
		For Class 52 Rating, Deduct	*-1,012.90*	
		For Class 54 Rating, Add	*1,397.77*	
		For Class 55 Rating, Add	*2,086.51*	
		For Class 56 Rating, Add	*2,766.04*	
40 05 19 00-1400	EA	24" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,036.06	912.74
		For Class 52 Rating, Deduct	*-1,061.84*	
		For Class 54 Rating, Add	*1,464.56*	
		For Class 55 Rating, Add	*2,185.84*	
		For Class 56 Rating, Add	*2,897.46*	
40 05 19 00-1401	EA	24" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,485.50	915.72
		For Class 52 Rating, Deduct	*-1,110.79*	
		For Class 54 Rating, Add	*1,531.36*	
		For Class 55 Rating, Add	*2,285.16*	
		For Class 56 Rating, Add	*3,028.87*	
40 05 19 00-1402	EA	24" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,934.95	918.71
		For Class 52 Rating, Deduct	*-1,159.73*	
		For Class 54 Rating, Add	*1,598.15*	
		For Class 55 Rating, Add	*2,384.49*	
		For Class 56 Rating, Add	*3,160.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1403	EA	24" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,384.40	921.68
		For Class 52 Rating, Deduct	*-1,208.67*	
		For Class 54 Rating, Add	*1,664.94*	
		For Class 55 Rating, Add	*2,483.82*	
		For Class 56 Rating, Add	*3,291.71*	
40 05 19 00-1404	EA	24" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,833.86	924.67
		For Class 52 Rating, Deduct	*-1,257.61*	
		For Class 54 Rating, Add	*1,731.74*	
		For Class 55 Rating, Add	*2,583.15*	
		For Class 56 Rating, Add	*3,423.12*	
40 05 19 00-1405	EA	24" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,283.29	927.65
		For Class 52 Rating, Deduct	*-1,306.55*	
		For Class 54 Rating, Add	*1,798.53*	
		For Class 55 Rating, Add	*2,682.47*	
		For Class 56 Rating, Add	*3,554.54*	
40 05 19 00-1406	EA	24" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,732.74	930.64
		For Class 52 Rating, Deduct	*-1,355.50*	
		For Class 54 Rating, Add	*1,865.32*	
		For Class 55 Rating, Add	*2,781.80*	
		For Class 56 Rating, Add	*3,685.96*	
40 05 19 00-1407	EA	24" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,182.19	933.61
		For Class 52 Rating, Deduct	*-1,404.44*	
		For Class 54 Rating, Add	*1,932.12*	
		For Class 55 Rating, Add	*2,881.13*	
		For Class 56 Rating, Add	*3,817.37*	
40 05 19 00-1408	EA	24" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,631.64	936.60
		For Class 52 Rating, Deduct	*-1,453.38*	
		For Class 54 Rating, Add	*1,998.91*	
		For Class 55 Rating, Add	*2,980.46*	
		For Class 56 Rating, Add	*3,948.79*	
40 05 19 00-1409	EA	24" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,081.09	939.58
		For Class 52 Rating, Deduct	*-1,502.32*	
		For Class 54 Rating, Add	*2,065.71*	
		For Class 55 Rating, Add	*3,079.78*	
		For Class 56 Rating, Add	*4,080.21*	
40 05 19 00-1410	EA	24" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,530.54	942.57
		For Class 52 Rating, Deduct	*-1,551.27*	
		For Class 54 Rating, Add	*2,132.50*	
		For Class 55 Rating, Add	*3,179.11*	
		For Class 56 Rating, Add	*4,211.62*	
40 05 19 00-1411	EA	24" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,979.98	945.54
		For Class 52 Rating, Deduct	*-1,600.21*	
		For Class 54 Rating, Add	*2,199.29*	
		For Class 55 Rating, Add	*3,278.44*	
		For Class 56 Rating, Add	*4,343.04*	
40 05 19 00-1412	EA	24" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,429.42	948.53
		For Class 52 Rating, Deduct	*-1,649.15*	
		For Class 54 Rating, Add	*2,266.08*	
		For Class 55 Rating, Add	*3,377.77*	
		For Class 56 Rating, Add	*4,474.45*	
40 05 19 00-1413	EA	24" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,878.87	951.52
		For Class 52 Rating, Deduct	*-1,698.09*	
		For Class 54 Rating, Add	*2,332.88*	
		For Class 55 Rating, Add	*3,477.09*	
		For Class 56 Rating, Add	*4,605.87*	
40 05 19 00-1414	EA	24" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,328.33	954.49
		For Class 52 Rating, Deduct	*-1,747.03*	
		For Class 54 Rating, Add	*2,399.67*	
		For Class 55 Rating, Add	*3,576.42*	
		For Class 56 Rating, Add	*4,737.29*	
40 05 19 00-1415	EA	24" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,854.60	1,008.18
		For Class 52 Rating, Deduct	*-1,795.98*	
		For Class 54 Rating, Add	*2,467.39*	
		For Class 55 Rating, Add	*3,677.59*	
		For Class 56 Rating, Add	*4,871.47*	
40 05 19 00-1416	EA	24" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,304.06	1,011.17
		For Class 52 Rating, Deduct	*-1,844.92*	
		For Class 54 Rating, Add	*2,534.18*	
		For Class 55 Rating, Add	*3,776.92*	
		For Class 56 Rating, Add	*5,002.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1417	EA	24" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,753.49	1,014.15
		For Class 52 Rating, Deduct	*-1,893.86*	
		For Class 54 Rating, Add	*2,600.97*	
		For Class 55 Rating, Add	*3,876.25*	
		For Class 56 Rating, Add	*5,134.30*	
40 05 19 00-1418	EA	24" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,202.94	1,017.14
		For Class 52 Rating, Deduct	*-1,942.80*	
		For Class 54 Rating, Add	*2,667.77*	
		For Class 55 Rating, Add	*3,975.57*	
		For Class 56 Rating, Add	*5,265.72*	
40 05 19 00-1419	EA	24" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,652.39	1,020.11
		For Class 52 Rating, Deduct	*-1,991.74*	
		For Class 54 Rating, Add	*2,734.56*	
		For Class 55 Rating, Add	*4,074.90*	
		For Class 56 Rating, Add	*5,397.14*	
40 05 19 00-1420	EA	24" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,101.85	1,023.10
		For Class 52 Rating, Deduct	*-2,040.69*	
		For Class 54 Rating, Add	*2,801.36*	
		For Class 55 Rating, Add	*4,174.23*	
		For Class 56 Rating, Add	*5,528.55*	
40 05 19 00-1421	EA	24" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,551.29	1,026.09
		For Class 52 Rating, Deduct	*-2,089.63*	
		For Class 54 Rating, Add	*2,868.15*	
		For Class 55 Rating, Add	*4,273.56*	
		For Class 56 Rating, Add	*5,659.97*	
40 05 19 00-1422	EA	24" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,000.74	1,029.06
		For Class 52 Rating, Deduct	*-2,138.57*	
		For Class 54 Rating, Add	*2,934.94*	
		For Class 55 Rating, Add	*4,372.89*	
		For Class 56 Rating, Add	*5,791.39*	
40 05 19 00-1423	EA	24" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,450.18	1,032.05
		For Class 52 Rating, Deduct	*-2,187.51*	
		For Class 54 Rating, Add	*3,001.74*	
		For Class 55 Rating, Add	*4,472.21*	
		For Class 56 Rating, Add	*5,922.80*	

40 05 19 00-1424 30" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1425	EA	30" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,273.98	1,228.92
		For Class 52 Rating, Deduct	*-595.32*	
		For Class 54 Rating, Add	*834.14*	
		For Class 55 Rating, Add	*1,251.56*	
		For Class 56 Rating, Add	*1,663.57*	
40 05 19 00-1426	EA	30" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,921.18	1,231.89
		For Class 52 Rating, Deduct	*-666.01*	
		For Class 54 Rating, Add	*930.60*	
		For Class 55 Rating, Add	*1,394.99*	
		For Class 56 Rating, Add	*1,853.32*	
40 05 19 00-1427	EA	30" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,568.37	1,234.88
		For Class 52 Rating, Deduct	*-736.71*	
		For Class 54 Rating, Add	*1,027.05*	
		For Class 55 Rating, Add	*1,538.41*	
		For Class 56 Rating, Add	*2,043.07*	
40 05 19 00-1428	EA	30" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,215.57	1,237.86
		For Class 52 Rating, Deduct	*-807.40*	
		For Class 54 Rating, Add	*1,123.51*	
		For Class 55 Rating, Add	*1,681.84*	
		For Class 56 Rating, Add	*2,232.83*	
40 05 19 00-1429	EA	30" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,862.76	1,240.86
		For Class 52 Rating, Deduct	*-878.10*	
		For Class 54 Rating, Add	*1,219.96*	
		For Class 55 Rating, Add	*1,825.26*	
		For Class 56 Rating, Add	*2,422.58*	
40 05 19 00-1430	EA	30" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,509.94	1,243.82
		For Class 52 Rating, Deduct	*-948.79*	
		For Class 54 Rating, Add	*1,316.42*	
		For Class 55 Rating, Add	*1,968.69*	
		For Class 56 Rating, Add	*2,612.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1431	EA	30" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,157.14	1,246.81
		For Class 52 Rating, Deduct	*-1,019.48*	
		For Class 54 Rating, Add	*1,412.88*	
		For Class 55 Rating, Add	*2,112.11*	
		For Class 56 Rating, Add	*2,802.08*	
40 05 19 00-1432	EA	30" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,804.34	1,249.80
		For Class 52 Rating, Deduct	*-1,090.18*	
		For Class 54 Rating, Add	*1,509.33*	
		For Class 55 Rating, Add	*2,255.54*	
		For Class 56 Rating, Add	*2,991.83*	
40 05 19 00-1433	EA	30" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,451.54	1,252.77
		For Class 52 Rating, Deduct	*-1,160.87*	
		For Class 54 Rating, Add	*1,605.79*	
		For Class 55 Rating, Add	*2,398.96*	
		For Class 56 Rating, Add	*3,181.58*	
40 05 19 00-1434	EA	30" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,098.72	1,255.76
		For Class 52 Rating, Deduct	*-1,231.57*	
		For Class 54 Rating, Add	*1,702.24*	
		For Class 55 Rating, Add	*2,542.39*	
		For Class 56 Rating, Add	*3,371.33*	
40 05 19 00-1435	EA	30" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,745.92	1,258.74
		For Class 52 Rating, Deduct	*-1,302.26*	
		For Class 54 Rating, Add	*1,798.70*	
		For Class 55 Rating, Add	*2,685.81*	
		For Class 56 Rating, Add	*3,561.09*	
40 05 19 00-1436	EA	30" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,393.11	1,261.73
		For Class 52 Rating, Deduct	*-1,372.96*	
		For Class 54 Rating, Add	*1,895.15*	
		For Class 55 Rating, Add	*2,829.24*	
		For Class 56 Rating, Add	*3,750.84*	
40 05 19 00-1437	EA	30" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,040.31	1,264.70
		For Class 52 Rating, Deduct	*-1,443.65*	
		For Class 54 Rating, Add	*1,991.61*	
		For Class 55 Rating, Add	*2,972.66*	
		For Class 56 Rating, Add	*3,940.59*	
40 05 19 00-1438	EA	30" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,687.50	1,267.69
		For Class 52 Rating, Deduct	*-1,514.34*	
		For Class 54 Rating, Add	*2,088.06*	
		For Class 55 Rating, Add	*3,116.09*	
		For Class 56 Rating, Add	*4,130.34*	
40 05 19 00-1439	EA	30" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,334.69	1,270.67
		For Class 52 Rating, Deduct	*-1,585.04*	
		For Class 54 Rating, Add	*2,184.52*	
		For Class 55 Rating, Add	*3,259.51*	
		For Class 56 Rating, Add	*4,320.09*	
40 05 19 00-1440	EA	30" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,981.89	1,273.65
		For Class 52 Rating, Deduct	*-1,655.73*	
		For Class 54 Rating, Add	*2,280.97*	
		For Class 55 Rating, Add	*3,402.94*	
		For Class 56 Rating, Add	*4,509.84*	
40 05 19 00-1441	EA	30" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,629.07	1,276.63
		For Class 52 Rating, Deduct	*-1,726.43*	
		For Class 54 Rating, Add	*2,377.43*	
		For Class 55 Rating, Add	*3,546.36*	
		For Class 56 Rating, Add	*4,699.59*	
40 05 19 00-1442	EA	30" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,276.28	1,279.62
		For Class 52 Rating, Deduct	*-1,797.12*	
		For Class 54 Rating, Add	*2,473.88*	
		For Class 55 Rating, Add	*3,689.79*	
		For Class 56 Rating, Add	*4,889.35*	
40 05 19 00-1443	EA	30" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,923.47	1,282.61
		For Class 52 Rating, Deduct	*-1,867.81*	
		For Class 54 Rating, Add	*2,570.34*	
		For Class 55 Rating, Add	*3,833.21*	
		For Class 56 Rating, Add	*5,079.10*	
40 05 19 00-1444	EA	30" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,570.66	1,285.59
		For Class 52 Rating, Deduct	*-1,938.51*	
		For Class 54 Rating, Add	*2,666.79*	
		For Class 55 Rating, Add	*3,976.63*	
		For Class 56 Rating, Add	*5,268.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1445	EA	30" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,217.85	1,288.57
		For Class 52 Rating, Deduct	*-2,009.20*	
		For Class 54 Rating, Add	*2,763.25*	
		For Class 55 Rating, Add	*4,120.06*	
		For Class 56 Rating, Add	*5,458.60*	
40 05 19 00-1446	EA	30" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,865.05	1,291.56
		For Class 52 Rating, Deduct	*-2,079.90*	
		For Class 54 Rating, Add	*2,859.71*	
		For Class 55 Rating, Add	*4,263.48*	
		For Class 56 Rating, Add	*5,648.35*	
40 05 19 00-1447	EA	30" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,512.25	1,294.53
		For Class 52 Rating, Deduct	*-2,150.59*	
		For Class 54 Rating, Add	*2,956.16*	
		For Class 55 Rating, Add	*4,406.91*	
		For Class 56 Rating, Add	*5,838.11*	
40 05 19 00-1448	EA	30" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,159.44	1,297.52
		For Class 52 Rating, Deduct	*-2,221.29*	
		For Class 54 Rating, Add	*3,052.62*	
		For Class 55 Rating, Add	*4,550.33*	
		For Class 56 Rating, Add	*6,027.86*	
40 05 19 00-1449	EA	30" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,806.63	1,300.50
		For Class 52 Rating, Deduct	*-2,291.98*	
		For Class 54 Rating, Add	*3,149.07*	
		For Class 55 Rating, Add	*4,693.76*	
		For Class 56 Rating, Add	*6,217.61*	
40 05 19 00-1450	EA	30" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,453.82	1,303.49
		For Class 52 Rating, Deduct	*-2,362.67*	
		For Class 54 Rating, Add	*3,245.53*	
		For Class 55 Rating, Add	*4,837.18*	
		For Class 56 Rating, Add	*6,407.36*	
40 05 19 00-1451	EA	30" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,101.02	1,306.46
		For Class 52 Rating, Deduct	*-2,433.37*	
		For Class 54 Rating, Add	*3,341.98*	
		For Class 55 Rating, Add	*4,980.61*	
		For Class 56 Rating, Add	*6,597.11*	
40 05 19 00-1452	EA	30" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,748.21	1,309.45
		For Class 52 Rating, Deduct	*-2,504.06*	
		For Class 54 Rating, Add	*3,438.44*	
		For Class 55 Rating, Add	*5,124.03*	
		For Class 56 Rating, Add	*6,786.86*	
40 05 19 00-1453	EA	30" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,395.40	1,312.43
		For Class 52 Rating, Deduct	*-2,574.76*	
		For Class 54 Rating, Add	*3,534.89*	
		For Class 55 Rating, Add	*5,267.46*	
		For Class 56 Rating, Add	*6,976.61*	
40 05 19 00-1454	EA	30" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,042.60	1,315.43
		For Class 52 Rating, Deduct	*-2,645.45*	
		For Class 54 Rating, Add	*3,631.35*	
		For Class 55 Rating, Add	*5,410.88*	
		For Class 56 Rating, Add	*7,166.37*	
40 05 19 00-1455	EA	30" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,689.79	1,318.39
		For Class 52 Rating, Deduct	*-2,716.14*	
		For Class 54 Rating, Add	*3,727.80*	
		For Class 55 Rating, Add	*5,554.31*	
		For Class 56 Rating, Add	*7,356.12*	
40 05 19 00-1456	EA	30" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,336.99	1,321.38
		For Class 52 Rating, Deduct	*-2,786.84*	
		For Class 54 Rating, Add	*3,824.26*	
		For Class 55 Rating, Add	*5,697.73*	
		For Class 56 Rating, Add	*7,545.87*	
40 05 19 00-1457	EA	30" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,984.18	1,324.37
		For Class 52 Rating, Deduct	*-2,857.53*	
		For Class 54 Rating, Add	*3,920.71*	
		For Class 55 Rating, Add	*5,841.16*	
		For Class 56 Rating, Add	*7,735.62*	
40 05 19 00-1458	EA	30" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,631.37	1,327.34
		For Class 52 Rating, Deduct	*-2,928.23*	
		For Class 54 Rating, Add	*4,017.17*	
		For Class 55 Rating, Add	*5,984.58*	
		For Class 56 Rating, Add	*7,925.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1459	EA	30" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,278.57	1,330.33
		For Class 52 Rating, Deduct	*-2,998.92*	
		For Class 54 Rating, Add	*4,113.63*	
		For Class 55 Rating, Add	*6,128.01*	
		For Class 56 Rating, Add	*8,115.12*	
40 05 19 00-1460	EA	30" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,925.76	1,333.31
		For Class 52 Rating, Deduct	*-3,069.61*	
		For Class 54 Rating, Add	*4,210.08*	
		For Class 55 Rating, Add	*6,271.43*	
		For Class 56 Rating, Add	*8,304.88*	
40 05 19 00-1461	EA	30" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,572.96	1,336.30
		For Class 52 Rating, Deduct	*-3,140.31*	
		For Class 54 Rating, Add	*4,306.54*	
		For Class 55 Rating, Add	*6,414.86*	
		For Class 56 Rating, Add	*8,494.63*	
40 05 19 00-1462	EA	30" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,220.15	1,339.27
		For Class 52 Rating, Deduct	*-3,211.00*	
		For Class 54 Rating, Add	*4,402.99*	
		For Class 55 Rating, Add	*6,558.28*	
		For Class 56 Rating, Add	*8,684.38*	

40 05 19 00-1463 36" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1464	EA	36" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,066.01	1,557.02
		For Class 52 Rating, Deduct	*-847.76*	
		For Class 54 Rating, Add	*1,184.34*	
		For Class 55 Rating, Add	*1,775.26*	
		For Class 56 Rating, Add	*2,358.46*	
40 05 19 00-1465	EA	36" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,944.78	1,560.01
		For Class 52 Rating, Deduct	*-943.92*	
		For Class 54 Rating, Add	*1,315.53*	
		For Class 55 Rating, Add	*1,970.32*	
		For Class 56 Rating, Add	*2,616.52*	
40 05 19 00-1466	EA	36" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,823.54	1,562.98
		For Class 52 Rating, Deduct	*-1,040.09*	
		For Class 54 Rating, Add	*1,446.72*	
		For Class 55 Rating, Add	*2,165.39*	
		For Class 56 Rating, Add	*2,874.59*	
40 05 19 00-1467	EA	36" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,702.30	1,565.97
		For Class 52 Rating, Deduct	*-1,136.26*	
		For Class 54 Rating, Add	*1,577.92*	
		For Class 55 Rating, Add	*2,360.45*	
		For Class 56 Rating, Add	*3,132.65*	
40 05 19 00-1468	EA	36" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,581.07	1,568.95
		For Class 52 Rating, Deduct	*-1,232.43*	
		For Class 54 Rating, Add	*1,709.11*	
		For Class 55 Rating, Add	*2,555.52*	
		For Class 56 Rating, Add	*3,390.72*	
40 05 19 00-1469	EA	36" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,459.83	1,571.93
		For Class 52 Rating, Deduct	*-1,328.59*	
		For Class 54 Rating, Add	*1,840.30*	
		For Class 55 Rating, Add	*2,750.58*	
		For Class 56 Rating, Add	*3,648.78*	
40 05 19 00-1470	EA	36" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,338.60	1,574.91
		For Class 52 Rating, Deduct	*-1,424.76*	
		For Class 54 Rating, Add	*1,971.49*	
		For Class 55 Rating, Add	*2,945.65*	
		For Class 56 Rating, Add	*3,906.85*	
40 05 19 00-1471	EA	36" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,217.36	1,577.91
		For Class 52 Rating, Deduct	*-1,520.93*	
		For Class 54 Rating, Add	*2,102.68*	
		For Class 55 Rating, Add	*3,140.71*	
		For Class 56 Rating, Add	*4,164.91*	
40 05 19 00-1472	EA	36" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,096.13	1,580.89
		For Class 52 Rating, Deduct	*-1,617.09*	
		For Class 54 Rating, Add	*2,233.87*	
		For Class 55 Rating, Add	*3,335.78*	
		For Class 56 Rating, Add	*4,422.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1473	EA	36" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,974.88	1,583.87
		For Class 52 Rating, Deduct	*-1,713.26*	
		For Class 54 Rating, Add	*2,365.06*	
		For Class 55 Rating, Add	*3,530.84*	
		For Class 56 Rating, Add	*4,681.04*	
40 05 19 00-1474	EA	36" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,853.65	1,586.85
		For Class 52 Rating, Deduct	*-1,809.43*	
		For Class 54 Rating, Add	*2,496.25*	
		For Class 55 Rating, Add	*3,725.91*	
		For Class 56 Rating, Add	*4,939.11*	
40 05 19 00-1475	EA	36" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,732.42	1,589.84
		For Class 52 Rating, Deduct	*-1,905.59*	
		For Class 54 Rating, Add	*2,627.44*	
		For Class 55 Rating, Add	*3,920.97*	
		For Class 56 Rating, Add	*5,197.17*	
40 05 19 00-1476	EA	36" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,611.19	1,592.81
		For Class 52 Rating, Deduct	*-2,001.76*	
		For Class 54 Rating, Add	*2,758.63*	
		For Class 55 Rating, Add	*4,116.04*	
		For Class 56 Rating, Add	*5,455.24*	
40 05 19 00-1477	EA	36" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,489.94	1,595.80
		For Class 52 Rating, Deduct	*-2,097.93*	
		For Class 54 Rating, Add	*2,889.82*	
		For Class 55 Rating, Add	*4,311.10*	
		For Class 56 Rating, Add	*5,713.30*	
40 05 19 00-1478	EA	36" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,368.71	1,598.78
		For Class 52 Rating, Deduct	*-2,194.10*	
		For Class 54 Rating, Add	*3,021.02*	
		For Class 55 Rating, Add	*4,506.17*	
		For Class 56 Rating, Add	*5,971.37*	
40 05 19 00-1479	EA	36" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,247.48	1,601.77
		For Class 52 Rating, Deduct	*-2,290.26*	
		For Class 54 Rating, Add	*3,152.21*	
		For Class 55 Rating, Add	*4,701.23*	
		For Class 56 Rating, Add	*6,229.43*	
40 05 19 00-1480	EA	36" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,126.25	1,604.74
		For Class 52 Rating, Deduct	*-2,386.43*	
		For Class 54 Rating, Add	*3,283.40*	
		For Class 55 Rating, Add	*4,896.30*	
		For Class 56 Rating, Add	*6,487.50*	
40 05 19 00-1481	EA	36" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,005.00	1,607.72
		For Class 52 Rating, Deduct	*-2,482.60*	
		For Class 54 Rating, Add	*3,414.59*	
		For Class 55 Rating, Add	*5,091.36*	
		For Class 56 Rating, Add	*6,745.56*	
40 05 19 00-1482	EA	36" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,883.77	1,610.71
		For Class 52 Rating, Deduct	*-2,578.76*	
		For Class 54 Rating, Add	*3,545.78*	
		For Class 55 Rating, Add	*5,286.43*	
		For Class 56 Rating, Add	*7,003.63*	
40 05 19 00-1483	EA	36" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,762.53	1,613.71
		For Class 52 Rating, Deduct	*-2,674.93*	
		For Class 54 Rating, Add	*3,676.97*	
		For Class 55 Rating, Add	*5,481.49*	
		For Class 56 Rating, Add	*7,261.69*	
40 05 19 00-1484	EA	36" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,641.30	1,616.67
		For Class 52 Rating, Deduct	*-2,771.10*	
		For Class 54 Rating, Add	*3,808.16*	
		For Class 55 Rating, Add	*5,676.56*	
		For Class 56 Rating, Add	*7,519.76*	
40 05 19 00-1485	EA	36" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,520.06	1,619.66
		For Class 52 Rating, Deduct	*-2,867.26*	
		For Class 54 Rating, Add	*3,939.35*	
		For Class 55 Rating, Add	*5,871.62*	
		For Class 56 Rating, Add	*7,777.82*	
40 05 19 00-1486	EA	36" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,398.83	1,622.65
		For Class 52 Rating, Deduct	*-2,963.43*	
		For Class 54 Rating, Add	*4,070.54*	
		For Class 55 Rating, Add	*6,066.69*	
		For Class 56 Rating, Add	*8,035.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1487	EA	36" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,277.59	1,625.62
		For Class 52 Rating, Deduct	*-3,059.60*	
		For Class 54 Rating, Add	*4,201.73*	
		For Class 55 Rating, Add	*6,261.75*	
		For Class 56 Rating, Add	*8,293.95*	
40 05 19 00-1488	EA	36" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,156.35	1,628.61
		For Class 52 Rating, Deduct	*-3,155.76*	
		For Class 54 Rating, Add	*4,332.93*	
		For Class 55 Rating, Add	*6,456.82*	
		For Class 56 Rating, Add	*8,552.02*	
40 05 19 00-1489	EA	36" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,035.13	1,631.59
		For Class 52 Rating, Deduct	*-3,251.93*	
		For Class 54 Rating, Add	*4,464.12*	
		For Class 55 Rating, Add	*6,651.88*	
		For Class 56 Rating, Add	*8,810.09*	
40 05 19 00-1490	EA	36" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,913.89	1,634.58
		For Class 52 Rating, Deduct	*-3,348.10*	
		For Class 54 Rating, Add	*4,595.31*	
		For Class 55 Rating, Add	*6,846.95*	
		For Class 56 Rating, Add	*9,068.15*	
40 05 19 00-1491	EA	36" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,792.66	1,637.55
		For Class 52 Rating, Deduct	*-3,444.27*	
		For Class 54 Rating, Add	*4,726.50*	
		For Class 55 Rating, Add	*7,042.01*	
		For Class 56 Rating, Add	*9,326.22*	
40 05 19 00-1492	EA	36" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,671.41	1,640.54
		For Class 52 Rating, Deduct	*-3,540.43*	
		For Class 54 Rating, Add	*4,857.69*	
		For Class 55 Rating, Add	*7,237.08*	
		For Class 56 Rating, Add	*9,584.28*	
40 05 19 00-1493	EA	36" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,550.19	1,643.52
		For Class 52 Rating, Deduct	*-3,636.60*	
		For Class 54 Rating, Add	*4,988.88*	
		For Class 55 Rating, Add	*7,432.14*	
		For Class 56 Rating, Add	*9,842.35*	
40 05 19 00-1494	EA	36" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,428.95	1,646.50
		For Class 52 Rating, Deduct	*-3,732.77*	
		For Class 54 Rating, Add	*5,120.07*	
		For Class 55 Rating, Add	*7,627.21*	
		For Class 56 Rating, Add	*10,100.41*	
40 05 19 00-1495	EA	36" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,307.71	1,649.48
		For Class 52 Rating, Deduct	*-3,828.93*	
		For Class 54 Rating, Add	*5,251.26*	
		For Class 55 Rating, Add	*7,822.27*	
		For Class 56 Rating, Add	*10,358.48*	
40 05 19 00-1496	EA	36" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	38,186.47	1,652.48
		For Class 52 Rating, Deduct	*-3,925.10*	
		For Class 54 Rating, Add	*5,382.45*	
		For Class 55 Rating, Add	*8,017.34*	
		For Class 56 Rating, Add	*10,616.54*	
40 05 19 00-1497	EA	36" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,065.24	1,655.46
		For Class 52 Rating, Deduct	*-4,021.27*	
		For Class 54 Rating, Add	*5,513.65*	
		For Class 55 Rating, Add	*8,212.40*	
		For Class 56 Rating, Add	*10,874.61*	
40 05 19 00-1498	EA	36" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,944.01	1,658.44
		For Class 52 Rating, Deduct	*-4,117.43*	
		For Class 54 Rating, Add	*5,644.84*	
		For Class 55 Rating, Add	*8,407.47*	
		For Class 56 Rating, Add	*11,132.67*	
40 05 19 00-1499	EA	36" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,822.77	1,661.42
		For Class 52 Rating, Deduct	*-4,213.60*	
		For Class 54 Rating, Add	*5,776.03*	
		For Class 55 Rating, Add	*8,602.54*	
		For Class 56 Rating, Add	*11,390.74*	
40 05 19 00-1500	EA	36" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,701.53	1,664.41
		For Class 52 Rating, Deduct	*-4,309.77*	
		For Class 54 Rating, Add	*5,907.22*	
		For Class 55 Rating, Add	*8,797.60*	
		For Class 56 Rating, Add	*11,648.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1501	EA	36" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	42,580.30	1,667.38
		For Class 52 Rating, Deduct	*-4,405.94*	
		For Class 54 Rating, Add	*6,038.41*	
		For Class 55 Rating, Add	*8,992.67*	
		For Class 56 Rating, Add	*11,906.87*	

40 05 19 00-1502 42" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1503	EA	42" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,305.98	1,962.69
		For Class 52 Rating, Deduct	*-1,136.54*	
		For Class 54 Rating, Add	*1,585.52*	
		For Class 55 Rating, Add	*2,375.46*	
		For Class 56 Rating, Add	*3,155.06*	
40 05 19 00-1504	EA	42" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,616.67	1,965.66
		For Class 52 Rating, Deduct	*-1,280.22*	
		For Class 54 Rating, Add	*1,781.50*	
		For Class 55 Rating, Add	*2,666.84*	
		For Class 56 Rating, Add	*3,540.54*	
40 05 19 00-1505	EA	42" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,911.74	1,968.64
		For Class 52 Rating, Deduct	*-1,422.18*	
		For Class 54 Rating, Add	*1,975.13*	
		For Class 55 Rating, Add	*2,954.74*	
		For Class 56 Rating, Add	*3,921.42*	
40 05 19 00-1506	EA	42" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,219.82	1,971.63
		For Class 52 Rating, Deduct	*-1,565.58*	
		For Class 54 Rating, Add	*2,170.72*	
		For Class 55 Rating, Add	*3,245.54*	
		For Class 56 Rating, Add	*4,306.13*	
40 05 19 00-1507	EA	42" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,514.89	1,974.62
		For Class 52 Rating, Deduct	*-1,707.54*	
		For Class 54 Rating, Add	*2,364.36*	
		For Class 55 Rating, Add	*3,533.44*	
		For Class 56 Rating, Add	*4,687.01*	
40 05 19 00-1508	EA	42" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,825.57	1,977.59
		For Class 52 Rating, Deduct	*-1,851.21*	
		For Class 54 Rating, Add	*2,560.34*	
		For Class 55 Rating, Add	*3,824.83*	
		For Class 56 Rating, Add	*5,072.49*	
40 05 19 00-1509	EA	42" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,118.04	1,980.57
		For Class 52 Rating, Deduct	*-1,992.89*	
		For Class 54 Rating, Add	*2,753.59*	
		For Class 55 Rating, Add	*4,112.15*	
		For Class 56 Rating, Add	*5,452.60*	
40 05 19 00-1510	EA	42" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,428.73	1,983.56
		For Class 52 Rating, Deduct	*-2,136.57*	
		For Class 54 Rating, Add	*2,949.56*	
		For Class 55 Rating, Add	*4,403.53*	
		For Class 56 Rating, Add	*5,838.08*	
40 05 19 00-1511	EA	42" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,723.81	1,986.55
		For Class 52 Rating, Deduct	*-2,278.53*	
		For Class 54 Rating, Add	*3,143.20*	
		For Class 55 Rating, Add	*4,691.44*	
		For Class 56 Rating, Add	*6,218.95*	
40 05 19 00-1512	EA	42" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,031.88	1,989.53
		For Class 52 Rating, Deduct	*-2,421.92*	
		For Class 54 Rating, Add	*3,338.79*	
		For Class 55 Rating, Add	*4,982.24*	
		For Class 56 Rating, Add	*6,603.67*	
40 05 19 00-1513	EA	42" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,326.95	1,992.51
		For Class 52 Rating, Deduct	*-2,563.88*	
		For Class 54 Rating, Add	*3,532.43*	
		For Class 55 Rating, Add	*5,270.14*	
		For Class 56 Rating, Add	*6,984.54*	
40 05 19 00-1514	EA	42" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,635.03	1,995.50
		For Class 52 Rating, Deduct	*-2,707.27*	
		For Class 54 Rating, Add	*3,728.02*	
		For Class 55 Rating, Add	*5,560.94*	
		For Class 56 Rating, Add	*7,369.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1515	EA	42" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,930.11	1,998.47
		For Class 52 Rating, Deduct	*-2,849.23*	
		For Class 54 Rating, Add	*3,921.65*	
		For Class 55 Rating, Add	*5,848.84*	
		For Class 56 Rating, Add	*7,750.13*	
40 05 19 00-1516	EA	42" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,227.78	2,001.46
		For Class 52 Rating, Deduct	*-2,991.48*	
		For Class 54 Rating, Add	*4,115.68*	
		For Class 55 Rating, Add	*6,137.33*	
		For Class 56 Rating, Add	*8,131.78*	
40 05 19 00-1517	EA	42" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,533.26	2,004.44
		For Class 52 Rating, Deduct	*-3,134.59*	
		For Class 54 Rating, Add	*4,310.88*	
		For Class 55 Rating, Add	*6,427.55*	
		For Class 56 Rating, Add	*8,515.72*	
40 05 19 00-1518	EA	42" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,828.33	2,007.43
		For Class 52 Rating, Deduct	*-3,276.55*	
		For Class 54 Rating, Add	*4,504.52*	
		For Class 55 Rating, Add	*6,715.45*	
		For Class 56 Rating, Add	*8,896.60*	
40 05 19 00-1519	EA	42" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,139.01	2,010.40
		For Class 52 Rating, Deduct	*-3,420.22*	
		For Class 54 Rating, Add	*4,700.49*	
		For Class 55 Rating, Add	*7,006.83*	
		For Class 56 Rating, Add	*9,282.08*	
40 05 19 00-1520	EA	42" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,434.09	2,013.39
		For Class 52 Rating, Deduct	*-3,562.19*	
		For Class 54 Rating, Add	*4,894.13*	
		For Class 55 Rating, Add	*7,294.73*	
		For Class 56 Rating, Add	*9,662.95*	
40 05 19 00-1521	EA	42" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,742.17	2,016.37
		For Class 52 Rating, Deduct	*-3,705.58*	
		For Class 54 Rating, Add	*5,089.72*	
		For Class 55 Rating, Add	*7,585.54*	
		For Class 56 Rating, Add	*10,047.67*	
40 05 19 00-1522	EA	42" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	38,037.24	2,019.35
		For Class 52 Rating, Deduct	*-3,847.54*	
		For Class 54 Rating, Add	*5,283.36*	
		For Class 55 Rating, Add	*7,873.44*	
		For Class 56 Rating, Add	*10,428.54*	
40 05 19 00-1523	EA	42" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,347.91	2,022.33
		For Class 52 Rating, Deduct	*-3,991.21*	
		For Class 54 Rating, Add	*5,479.34*	
		For Class 55 Rating, Add	*8,164.82*	
		For Class 56 Rating, Add	*10,814.02*	
40 05 19 00-1524	EA	42" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,643.00	2,025.33
		For Class 52 Rating, Deduct	*-4,133.18*	
		For Class 54 Rating, Add	*5,672.97*	
		For Class 55 Rating, Add	*8,452.72*	
		For Class 56 Rating, Add	*11,194.90*	
40 05 19 00-1525	EA	42" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,951.08	2,028.31
		For Class 52 Rating, Deduct	*-4,276.57*	
		For Class 54 Rating, Add	*5,868.56*	
		For Class 55 Rating, Add	*8,743.53*	
		For Class 56 Rating, Add	*11,579.61*	
40 05 19 00-1526	EA	42" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	43,246.15	2,031.29
		For Class 52 Rating, Deduct	*-4,418.53*	
		For Class 54 Rating, Add	*6,062.20*	
		For Class 55 Rating, Add	*9,031.43*	
		For Class 56 Rating, Add	*11,960.49*	
40 05 19 00-1527	EA	42" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	44,556.82	2,034.27
		For Class 52 Rating, Deduct	*-4,562.21*	
		For Class 54 Rating, Add	*6,258.18*	
		For Class 55 Rating, Add	*9,322.81*	
		For Class 56 Rating, Add	*12,345.97*	
40 05 19 00-1528	EA	42" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	45,851.90	2,037.26
		For Class 52 Rating, Deduct	*-4,704.17*	
		For Class 54 Rating, Add	*6,451.81*	
		For Class 55 Rating, Add	*9,610.71*	
		For Class 56 Rating, Add	*12,726.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1529	EA	42" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	47,157.39	2,040.23
		For Class 52 Rating, Deduct	*-4,847.27*	
		For Class 54 Rating, Add	*6,647.01*	
		For Class 55 Rating, Add	*9,900.94*	
		For Class 56 Rating, Add	*13,110.79*	
40 05 19 00-1530	EA	42" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	48,455.06	2,043.21
		For Class 52 Rating, Deduct	*-4,989.52*	
		For Class 54 Rating, Add	*6,841.04*	
		For Class 55 Rating, Add	*10,189.42*	
		For Class 56 Rating, Add	*13,492.43*	
40 05 19 00-1531	EA	42" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	49,489.93	2,046.20
		For Class 52 Rating, Deduct	*-5,102.86*	
		For Class 54 Rating, Add	*6,995.65*	
		For Class 55 Rating, Add	*10,419.29*	
		For Class 56 Rating, Add	*13,796.55*	
40 05 19 00-1532	EA	42" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	51,058.21	2,049.19
		For Class 52 Rating, Deduct	*-5,274.87*	
		For Class 54 Rating, Add	*7,230.27*	
		For Class 55 Rating, Add	*10,768.12*	
		For Class 56 Rating, Add	*14,258.02*	
40 05 19 00-1533	EA	42" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	52,353.28	2,052.16
		For Class 52 Rating, Deduct	*-5,416.83*	
		For Class 54 Rating, Add	*7,423.90*	
		For Class 55 Rating, Add	*11,056.02*	
		For Class 56 Rating, Add	*14,638.90*	
40 05 19 00-1534	EA	42" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	53,661.36	2,055.14
		For Class 52 Rating, Deduct	*-5,560.23*	
		For Class 54 Rating, Add	*7,619.49*	
		For Class 55 Rating, Add	*11,346.83*	
		For Class 56 Rating, Add	*15,023.61*	
40 05 19 00-1535	EA	42" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	54,956.43	2,058.13
		For Class 52 Rating, Deduct	*-5,702.19*	
		For Class 54 Rating, Add	*7,813.13*	
		For Class 55 Rating, Add	*11,634.73*	
		For Class 56 Rating, Add	*15,404.49*	
40 05 19 00-1536	EA	42" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	56,267.12	2,061.12
		For Class 52 Rating, Deduct	*-5,845.86*	
		For Class 54 Rating, Add	*8,009.11*	
		For Class 55 Rating, Add	*11,926.11*	
		For Class 56 Rating, Add	*15,789.97*	
40 05 19 00-1537	EA	42" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	57,559.59	2,064.10
		For Class 52 Rating, Deduct	*-5,987.54*	
		For Class 54 Rating, Add	*8,202.35*	
		For Class 55 Rating, Add	*12,213.43*	
		For Class 56 Rating, Add	*16,170.08*	
40 05 19 00-1538	EA	42" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	58,870.27	2,067.08
		For Class 52 Rating, Deduct	*-6,131.22*	
		For Class 54 Rating, Add	*8,398.33*	
		For Class 55 Rating, Add	*12,504.81*	
		For Class 56 Rating, Add	*16,555.56*	
40 05 19 00-1539	EA	42" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	60,165.34	2,070.07
		For Class 52 Rating, Deduct	*-6,273.18*	
		For Class 54 Rating, Add	*8,591.97*	
		For Class 55 Rating, Add	*12,792.72*	
		For Class 56 Rating, Add	*16,936.43*	
40 05 19 00-1540	EA	42" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	61,473.42	2,073.04
		For Class 52 Rating, Deduct	*-6,416.57*	
		For Class 54 Rating, Add	*8,787.56*	
		For Class 55 Rating, Add	*13,083.52*	
		For Class 56 Rating, Add	*17,321.15*	

40 05 19 00-1541 48" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1542	EA	48" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,173.85	2,466.77
		For Class 52 Rating, Deduct	*-1,477.99*	
		For Class 54 Rating, Add	*2,060.30*	
		For Class 55 Rating, Add	*3,086.00*	
		For Class 56 Rating, Add	*4,098.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1543	EA	48" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,080.38	2,469.75
		For Class 52 Rating, Deduct	*-1,687.22*	
		For Class 54 Rating, Add	*2,345.65*	
		For Class 55 Rating, Add	*3,510.25*	
		For Class 56 Rating, Add	*4,659.52*	
40 05 19 00-1544	EA	48" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,984.29	2,472.75
		For Class 52 Rating, Deduct	*-1,896.15*	
		For Class 54 Rating, Add	*2,630.62*	
		For Class 55 Rating, Add	*3,933.93*	
		For Class 56 Rating, Add	*5,220.00*	
40 05 19 00-1545	EA	48" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,903.82	2,475.73
		For Class 52 Rating, Deduct	*-2,106.80*	
		For Class 54 Rating, Add	*2,917.92*	
		For Class 55 Rating, Add	*4,361.08*	
		For Class 56 Rating, Add	*5,785.09*	
40 05 19 00-1546	EA	48" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,810.36	2,478.70
		For Class 52 Rating, Deduct	*-2,316.02*	
		For Class 54 Rating, Add	*3,203.28*	
		For Class 55 Rating, Add	*4,785.34*	
		For Class 56 Rating, Add	*6,346.35*	
40 05 19 00-1547	EA	48" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,716.87	2,481.69
		For Class 52 Rating, Deduct	*-2,525.24*	
		For Class 54 Rating, Add	*3,488.63*	
		For Class 55 Rating, Add	*5,209.60*	
		For Class 56 Rating, Add	*6,907.60*	
40 05 19 00-1548	EA	48" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,633.80	2,484.67
		For Class 52 Rating, Deduct	*-2,735.61*	
		For Class 54 Rating, Add	*3,775.55*	
		For Class 55 Rating, Add	*5,636.17*	
		For Class 56 Rating, Add	*7,471.93*	
40 05 19 00-1549	EA	48" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,542.93	2,487.65
		For Class 52 Rating, Deduct	*-2,945.11*	
		For Class 54 Rating, Add	*4,061.29*	
		For Class 55 Rating, Add	*6,061.01*	
		For Class 56 Rating, Add	*8,033.95*	
40 05 19 00-1550	EA	48" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,446.86	2,490.63
		For Class 52 Rating, Deduct	*-3,154.05*	
		For Class 54 Rating, Add	*4,346.26*	
		For Class 55 Rating, Add	*6,484.68*	
		For Class 56 Rating, Add	*8,594.44*	
40 05 19 00-1551	EA	48" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,366.38	2,493.62
		For Class 52 Rating, Deduct	*-3,364.70*	
		For Class 54 Rating, Add	*4,633.56*	
		For Class 55 Rating, Add	*6,911.84*	
		For Class 56 Rating, Add	*9,159.53*	
40 05 19 00-1552	EA	48" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,272.91	2,496.60
		For Class 52 Rating, Deduct	*-3,573.92*	
		For Class 54 Rating, Add	*4,918.92*	
		For Class 55 Rating, Add	*7,336.10*	
		For Class 56 Rating, Add	*9,720.78*	
40 05 19 00-1553	EA	48" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	38,192.44	2,499.58
		For Class 52 Rating, Deduct	*-3,784.57*	
		For Class 54 Rating, Add	*5,206.23*	
		For Class 55 Rating, Add	*7,763.25*	
		For Class 56 Rating, Add	*10,285.87*	
40 05 19 00-1554	EA	48" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,096.36	2,502.56
		For Class 52 Rating, Deduct	*-3,993.50*	
		For Class 54 Rating, Add	*5,491.19*	
		For Class 55 Rating, Add	*8,186.93*	
		For Class 56 Rating, Add	*10,846.36*	
40 05 19 00-1555	EA	48" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	42,002.88	2,505.55
		For Class 52 Rating, Deduct	*-4,202.72*	
		For Class 54 Rating, Add	*5,776.54*	
		For Class 55 Rating, Add	*8,611.18*	
		For Class 56 Rating, Add	*11,407.61*	
40 05 19 00-1556	EA	48" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	43,922.42	2,508.54
		For Class 52 Rating, Deduct	*-4,413.38*	
		For Class 54 Rating, Add	*6,063.85*	
		For Class 55 Rating, Add	*9,038.34*	
		For Class 56 Rating, Add	*11,972.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1557	EA	48" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	45,828.94	2,511.52
		For Class 52 Rating, Deduct	*-4,622.60*	
		For Class 54 Rating, Add	*6,349.21*	
		For Class 55 Rating, Add	*9,462.59*	
		For Class 56 Rating, Add	*12,533.96*	
40 05 19 00-1558	EA	48" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	47,732.86	2,514.50
		For Class 52 Rating, Deduct	*-4,831.53*	
		For Class 54 Rating, Add	*6,634.17*	
		For Class 55 Rating, Add	*9,886.27*	
		For Class 56 Rating, Add	*13,094.44*	
40 05 19 00-1559	EA	48" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	49,652.38	2,517.49
		For Class 52 Rating, Deduct	*-5,042.18*	
		For Class 54 Rating, Add	*6,921.48*	
		For Class 55 Rating, Add	*10,313.42*	
		For Class 56 Rating, Add	*13,659.53*	
40 05 19 00-1560	EA	48" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	51,558.92	2,520.46
		For Class 52 Rating, Deduct	*-5,251.40*	
		For Class 54 Rating, Add	*7,206.83*	
		For Class 55 Rating, Add	*10,737.68*	
		For Class 56 Rating, Add	*14,220.79*	
40 05 19 00-1561	EA	48" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	53,462.84	2,523.45
		For Class 52 Rating, Deduct	*-5,460.34*	
		For Class 54 Rating, Add	*7,491.80*	
		For Class 55 Rating, Add	*11,161.35*	
		For Class 56 Rating, Add	*14,781.27*	
40 05 19 00-1562	EA	48" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	55,382.36	2,526.43
		For Class 52 Rating, Deduct	*-5,670.99*	
		For Class 54 Rating, Add	*7,779.10*	
		For Class 55 Rating, Add	*11,588.51*	
		For Class 56 Rating, Add	*15,346.36*	
40 05 19 00-1563	EA	48" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	57,291.49	2,529.42
		For Class 52 Rating, Deduct	*-5,880.50*	
		For Class 54 Rating, Add	*8,064.85*	
		For Class 55 Rating, Add	*12,013.35*	
		For Class 56 Rating, Add	*15,908.39*	
40 05 19 00-1564	EA	48" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	59,195.41	2,532.39
		For Class 52 Rating, Deduct	*-6,089.43*	
		For Class 54 Rating, Add	*8,349.81*	
		For Class 55 Rating, Add	*12,437.02*	
		For Class 56 Rating, Add	*16,468.87*	
40 05 19 00-1565	EA	48" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	61,114.95	2,535.38
		For Class 52 Rating, Deduct	*-6,300.08*	
		For Class 54 Rating, Add	*8,637.12*	
		For Class 55 Rating, Add	*12,864.18*	
		For Class 56 Rating, Add	*17,033.96*	
40 05 19 00-1566	EA	48" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	63,021.47	2,538.36
		For Class 52 Rating, Deduct	*-6,509.30*	
		For Class 54 Rating, Add	*8,922.47*	
		For Class 55 Rating, Add	*13,288.43*	
		For Class 56 Rating, Add	*17,595.22*	
40 05 19 00-1567	EA	48" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	64,925.39	2,541.34
		For Class 52 Rating, Deduct	*-6,718.24*	
		For Class 54 Rating, Add	*9,207.44*	
		For Class 55 Rating, Add	*13,712.11*	
		For Class 56 Rating, Add	*18,155.71*	
40 05 19 00-1568	EA	48" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	66,844.92	2,544.32
		For Class 52 Rating, Deduct	*-6,928.89*	
		For Class 54 Rating, Add	*9,494.74*	
		For Class 55 Rating, Add	*14,139.26*	
		For Class 56 Rating, Add	*18,720.80*	
40 05 19 00-1569	EA	48" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	68,751.45	2,547.32
		For Class 52 Rating, Deduct	*-7,138.11*	
		For Class 54 Rating, Add	*9,780.10*	
		For Class 55 Rating, Add	*14,563.52*	
		For Class 56 Rating, Add	*19,282.05*	
40 05 19 00-1570	EA	48" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	70,423.80	2,550.30
		For Class 52 Rating, Deduct	*-7,321.57*	
		For Class 54 Rating, Add	*10,030.33*	
		For Class 55 Rating, Add	*14,935.56*	
		For Class 56 Rating, Add	*19,774.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1571	EA	48" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	72,577.50	2,553.27
		For Class 52 Rating, Deduct	*-7,557.98*	
		For Class 54 Rating, Add	*10,352.76*	
		For Class 55 Rating, Add	*15,414.93*	
		For Class 56 Rating, Add	*20,408.40*	
40 05 19 00-1572	EA	48" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	74,481.42	2,556.26
		For Class 52 Rating, Deduct	*-7,766.91*	
		For Class 54 Rating, Add	*10,637.72*	
		For Class 55 Rating, Add	*15,838.61*	
		For Class 56 Rating, Add	*20,968.88*	
40 05 19 00-1573	EA	48" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	76,403.55	2,559.24
		For Class 52 Rating, Deduct	*-7,977.85*	
		For Class 54 Rating, Add	*10,925.42*	
		For Class 55 Rating, Add	*16,266.34*	
		For Class 56 Rating, Add	*21,534.74*	
40 05 19 00-1574	EA	48" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	78,307.48	2,562.22
		For Class 52 Rating, Deduct	*-8,186.79*	
		For Class 54 Rating, Add	*11,210.38*	
		For Class 55 Rating, Add	*16,690.02*	
		For Class 56 Rating, Add	*22,095.23*	
40 05 19 00-1575	EA	48" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	80,211.40	2,565.20
		For Class 52 Rating, Deduct	*-8,395.72*	
		For Class 54 Rating, Add	*11,495.35*	
		For Class 55 Rating, Add	*17,113.69*	
		For Class 56 Rating, Add	*22,655.71*	
40 05 19 00-1576	EA	48" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	82,133.54	2,568.19
		For Class 52 Rating, Deduct	*-8,606.66*	
		For Class 54 Rating, Add	*11,783.05*	
		For Class 55 Rating, Add	*17,541.43*	
		For Class 56 Rating, Add	*23,221.57*	
40 05 19 00-1577	EA	48" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	84,037.45	2,571.17
		For Class 52 Rating, Deduct	*-8,815.59*	
		For Class 54 Rating, Add	*12,068.01*	
		For Class 55 Rating, Add	*17,965.11*	
		For Class 56 Rating, Add	*23,782.06*	
40 05 19 00-1578	EA	48" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	85,943.97	2,574.15
		For Class 52 Rating, Deduct	*-9,024.81*	
		For Class 54 Rating, Add	*12,353.36*	
		For Class 55 Rating, Add	*18,389.36*	
		For Class 56 Rating, Add	*24,343.31*	
40 05 19 00-1579	EA	48" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	87,863.51	2,577.13
		For Class 52 Rating, Deduct	*-9,235.46*	
		For Class 54 Rating, Add	*12,640.67*	
		For Class 55 Rating, Add	*18,816.52*	
		For Class 56 Rating, Add	*24,908.40*	

40 05 19 00-1580 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbows *(40 05 19 00-0001)*

40 05 19 00-1581	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	434.96	143.91
40 05 19 00-1582	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	614.50	184.03
40 05 19 00-1583	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	868.42	208.45
40 05 19 00-1584	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,277.58	264.27
40 05 19 00-1585	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,587.20	293.05
40 05 19 00-1586	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,986.52	318.34
40 05 19 00-1587	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	2,447.18	392.48
40 05 19 00-1588	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	3,218.47	470.96
40 05 19 00-1589	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	3,962.40	593.07
40 05 19 00-1590	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	6,068.45	671.57
40 05 19 00-1591	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	10,247.96	889.61
40 05 19 00-1592	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	14,571.59	1,007.35
40 05 19 00-1593	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	24,498.80	1,151.26
40 05 19 00-1594	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	32,641.03	1,412.90

40 05 19 00-1595 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbows *(40 05 19 00-0001)*

40 05 19 00-1596	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	411.21	143.91
40 05 19 00-1597	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	576.50	184.03
40 05 19 00-1598	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	771.84	208.45
40 05 19 00-1599	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,138.25	264.27
40 05 19 00-1600	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,409.86	293.05
40 05 19 00-1601	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,625.52	318.34
40 05 19 00-1602	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	2,048.17	392.48
40 05 19 00-1603	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	2,681.71	470.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1604	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	3,473.14	593.07
40 05 19 00-1605	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	4,592.76	671.57
40 05 19 00-1606	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	9,168.11	889.61
40 05 19 00-1607	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	13,783.08	1,007.35
40 05 19 00-1608	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	21,108.82	1,151.26
40 05 19 00-1609	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	28,806.14	1,412.90
40 05 19 00-1610		**Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbows** *(40 05 19 00-0001)*		
40 05 19 00-1611	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	409.63	143.91
40 05 19 00-1612	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	563.83	184.03
40 05 19 00-1613	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	760.75	208.45
40 05 19 00-1614	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,106.58	264.27
40 05 19 00-1615	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,479.53	293.05
40 05 19 00-1616	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,845.60	318.34
40 05 19 00-1617	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	2,097.26	392.48
40 05 19 00-1618	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	2,741.87	470.96
40 05 19 00-1619	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	3,734.40	593.07
40 05 19 00-1620	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	5,188.10	671.57
40 05 19 00-1621	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	9,274.19	889.61
40 05 19 00-1622	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	14,026.92	1,007.35
40 05 19 00-1623	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	21,594.91	1,151.26
40 05 19 00-1624	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	29,439.48	1,412.90
40 05 19 00-1625		**Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbows** *(40 05 19 00-0001)*		
40 05 19 00-1626	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	449.21	143.91
40 05 19 00-1627	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	638.25	184.03
40 05 19 00-1628	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	792.42	208.45
40 05 19 00-1629	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,219.00	264.27
40 05 19 00-1630	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,686.95	293.05
40 05 19 00-1631	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,899.44	318.34
40 05 19 00-1632	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	2,322.10	392.48
40 05 19 00-1633	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	2,741.87	470.96
40 05 19 00-1634	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	3,734.40	593.07
40 05 19 00-1635	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	5,401.85	671.57
40 05 19 00-1636	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	9,380.28	889.61
40 05 19 00-1637	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	14,131.42	1,007.35
40 05 19 00-1638	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	21,705.75	1,151.26
40 05 19 00-1639	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	29,662.73	1,412.90
40 05 19 00-1640		**Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbows** *(40 05 19 00-0001)*		
40 05 19 00-1641	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	582.52	163.96
40 05 19 00-1642	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	722.95	176.17
40 05 19 00-1643	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	815.09	196.24
40 05 19 00-1644	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,097.73	204.08
40 05 19 00-1645	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,158.21	224.15
40 05 19 00-1646	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,266.97	236.36
40 05 19 00-1647	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,180.37	218.92
40 05 19 00-1648	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,331.10	238.97
40 05 19 00-1649	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,533.27	251.18
40 05 19 00-1650	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,632.56	279.09
40 05 19 00-1651	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,533.27	251.18
40 05 19 00-1652	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,700.61	263.39
40 05 19 00-1653	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,894.89	291.30
40 05 19 00-1654	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,099.45	306.13
40 05 19 00-1655	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,768.36	288.25
40 05 19 00-1656	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,908.76	300.46
40 05 19 00-1657	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,193.31	328.37
40 05 19 00-1658	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,395.61	342.76
40 05 19 00-1659	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,566.78	355.41
40 05 19 00-1660	EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,070.07	327.50
40 05 19 00-1661	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,482.83	339.71
40 05 19 00-1662	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,555.19	367.62
40 05 19 00-1663	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,698.92	382.01
40 05 19 00-1664	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,930.25	394.65
40 05 19 00-1665	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,195.42	431.72
40 05 19 00-1666	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,675.58	388.55
40 05 19 00-1667	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,857.16	400.76
40 05 19 00-1668	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,550.21	428.67
40 05 19 00-1669	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,684.43	443.05
40 05 19 00-1670	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,067.77	455.70
40 05 19 00-1671	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,973.52	492.77
40 05 19 00-1672	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,229.31	532.02
40 05 19 00-1673	EA	24" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,776.90	427.79
40 05 19 00-1674	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,960.06	440.00

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1675	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,262.02	467.91
40 05 19 00-1676	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,480.16	482.31
40 05 19 00-1677	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,890.42	494.96
40 05 19 00-1678	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,271.17	532.02
40 05 19 00-1679	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,395.55	571.26
40 05 19 00-1680	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,678.89	564.95
40 05 19 00-1681	EA	30" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,760.72	591.33
40 05 19 00-1682	EA	30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,199.47	603.98
40 05 19 00-1683	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	8,120.14	641.04
40 05 19 00-1684	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	9,446.30	680.29
40 05 19 00-1685	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	10,927.41	741.33
40 05 19 00-1686	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	11,541.04	780.59
40 05 19 00-1687	EA	36" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	9,331.04	650.20
40 05 19 00-1688	EA	36" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	12,105.25	662.85
40 05 19 00-1689	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	9,825.95	699.91
40 05 19 00-1690	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	12,849.47	739.16
40 05 19 00-1691	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	12,281.71	800.21
40 05 19 00-1692	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	13,394.11	839.46
40 05 19 00-1693	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	14,284.46	948.48
40 05 19 00-1694	EA	42" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	16,552.67	734.80
40 05 19 00-1695	EA	42" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	13,944.05	771.87
40 05 19 00-1696	EA	42" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	18,805.84	811.11
40 05 19 00-1697	EA	42" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	18,497.75	872.16
40 05 19 00-1698	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	16,129.93	911.41
40 05 19 00-1699	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	19,012.14	1,020.43
40 05 19 00-1700	EA	42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	26,885.15	1,079.30
40 05 19 00-1701	EA	48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	25,729.23	1,053.14
40 05 19 00-1702	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	27,979.71	1,162.16
40 05 19 00-1703	EA	48" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	28,797.24	1,221.03
40 05 19 00-1704	EA	48" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	36,853.15	1,292.98
40 05 19 00-1705		Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbows *(40 05 19 00-0001)*		
40 05 19 00-1706	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	522.05	143.91
40 05 19 00-1707	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	809.26	184.03
40 05 19 00-1708	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	1,194.59	208.45
40 05 19 00-1709	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	1,701.92	264.27
40 05 19 00-1710	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	2,412.13	293.05
40 05 19 00-1711	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	2,814.62	318.34
40 05 19 00-1712	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	3,653.70	392.48
40 05 19 00-1713	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	4,527.90	470.96
40 05 19 00-1714	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	6,179.11	593.07
40 05 19 00-1715	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	9,099.00	671.57
40 05 19 00-1716	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	16,047.80	889.61
40 05 19 00-1717	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	24,466.01	1,007.35
40 05 19 00-1718	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	37,981.11	1,151.26
40 05 19 00-1719		Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbows With Base *(40 05 19 00-0001)*		
40 05 19 00-1720	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	552.13	143.91
40 05 19 00-1721	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	750.67	184.03
40 05 19 00-1722	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	1,235.76	208.45
40 05 19 00-1723	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	1,671.84	264.27
40 05 19 00-1724	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	2,252.21	293.05
40 05 19 00-1725	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	2,662.62	318.34
40 05 19 00-1726	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	3,289.53	392.48
40 05 19 00-1727	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	4,135.23	470.96
40 05 19 00-1728	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	5,460.26	593.07
40 05 19 00-1729	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	7,730.98	671.57
40 05 19 00-1730	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	12,695.83	889.61
40 05 19 00-1731	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	18,181.65	1,007.35
40 05 19 00-1732	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	33,845.37	1,151.26
40 05 19 00-1733	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	36,477.51	1,412.90
40 05 19 00-1734		Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tees *(40 05 19 00-0001)*		
40 05 19 00-1735	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	746.03	231.13
40 05 19 00-1736	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	924.81	284.33
40 05 19 00-1737	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	1,305.94	317.47
40 05 19 00-1738	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	1,879.07	412.53
40 05 19 00-1739	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	2,505.90	450.03
40 05 19 00-1740	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	3,366.54	484.05
40 05 19 00-1741	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	3,808.33	610.52
40 05 19 00-1742	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	4,648.22	697.74
40 05 19 00-1743	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	5,863.08	880.89
40 05 19 00-1744	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	8,665.05	972.46
40 05 19 00-1745	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	14,776.35	1,343.13
40 05 19 00-1746	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	21,335.86	1,539.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1747	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	44,257.40	1,779.22
40 05 19 00-1748		**Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tees** *(40 05 19 00-0001)*		
40 05 19 00-1749	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	937.41	258.16
40 05 19 00-1750	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,165.44	263.39
40 05 19 00-1751	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,161.80	296.54
40 05 19 00-1752	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,541.81	291.30
40 05 19 00-1753	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,519.18	324.45
40 05 19 00-1754	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,601.57	345.38
40 05 19 00-1755	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,960.12	306.13
40 05 19 00-1756	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,951.73	339.27
40 05 19 00-1757	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,061.05	360.20
40 05 19 00-1758	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,455.72	427.36
40 05 19 00-1759	EA	14" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,868.45	318.34
40 05 19 00-1760	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,803.09	351.48
40 05 19 00-1761	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,926.63	372.41
40 05 19 00-1762	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,086.97	439.57
40 05 19 00-1763	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,274.00	462.68
40 05 19 00-1764	EA	16" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,481.97	355.41
40 05 19 00-1765	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,202.84	388.55
40 05 19 00-1766	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,149.06	409.48
40 05 19 00-1767	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,695.73	476.64
40 05 19 00-1768	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,583.50	499.75
40 05 19 00-1769	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,999.05	521.11
40 05 19 00-1770	EA	18" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,261.86	394.65
40 05 19 00-1771	EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,200.56	427.79
40 05 19 00-1772	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,860.86	448.73
40 05 19 00-1773	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,869.19	515.88
40 05 19 00-1774	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,212.98	539.00
40 05 19 00-1775	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,601.60	560.37
40 05 19 00-1776	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,919.14	649.76
40 05 19 00-1777	EA	20" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	9,455.94	455.70
40 05 19 00-1778	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,718.08	488.85
40 05 19 00-1779	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,814.72	509.78
40 05 19 00-1780	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,014.64	576.93
40 05 19 00-1781	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,211.16	600.05
40 05 19 00-1782	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,276.78	621.42
40 05 19 00-1783	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	6,357.50	710.81
40 05 19 00-1784	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	6,495.09	758.78
40 05 19 00-1785	EA	24" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	6,258.44	494.96
40 05 19 00-1786	EA	24" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,396.64	528.09
40 05 19 00-1787	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,642.11	549.02
40 05 19 00-1788	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,862.61	616.19
40 05 19 00-1789	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	6,575.31	639.29
40 05 19 00-1790	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	6,737.52	660.66
40 05 19 00-1791	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	6,958.47	750.06
40 05 19 00-1792	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	9,160.76	798.03
40 05 19 00-1793	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	9,473.28	852.77
40 05 19 00-1794	EA	30" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	11,127.32	637.12
40 05 19 00-1795	EA	30" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	11,192.30	658.04
40 05 19 00-1796	EA	30" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	11,504.64	725.21
40 05 19 00-1797	EA	30" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	11,539.65	748.31
40 05 19 00-1798	EA	30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	11,572.03	769.68
40 05 19 00-1799	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	11,811.97	859.08
40 05 19 00-1800	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	11,954.33	907.05
40 05 19 00-1801	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	12,311.92	1,029.15
40 05 19 00-1802	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	15,779.60	1,081.48
40 05 19 00-1803	EA	36" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	15,346.83	911.85
40 05 19 00-1804	EA	36" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	16,421.69	928.41
40 05 19 00-1805	EA	36" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	16,528.56	975.95
40 05 19 00-1806	EA	36" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	16,661.46	994.70
40 05 19 00-1807	EA	36" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	16,722.07	1,011.70
40 05 19 00-1808	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	16,887.54	1,074.94
40 05 19 00-1809	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	16,988.44	1,118.55
40 05 19 00-1810	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	17,266.53	1,210.13
40 05 19 00-1811	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	17,651.01	1,255.92
40 05 19 00-1812	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	23,131.56	1,441.25
40 05 19 00-1813	EA	42" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	27,518.62	788.87
40 05 19 00-1814	EA	42" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	24,871.66	856.03
40 05 19 00-1815	EA	42" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	24,906.68	879.14
40 05 19 00-1816	EA	42" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	24,975.47	900.51
40 05 19 00-1817	EA	42" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	25,185.34	989.91
40 05 19 00-1818	EA	42" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	25,444.85	1,037.87
40 05 19 00-1819	EA	42" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	25,629.86	1,159.98
40 05 19 00-1820	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	26,006.82	1,212.31
40 05 19 00-1821	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	32,956.79	1,473.96
40 05 19 00-1822	EA	42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	42,364.23	1,611.33
40 05 19 00-1823	EA	48" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	33,687.39	1,020.87
40 05 19 00-1824	EA	48" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	33,719.76	1,042.24
40 05 19 00-1825	EA	48" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	33,966.05	1,131.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1826	EA	48" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	34,038.74	1,179.60
40 05 19 00-1827	EA	48" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	34,370.99	1,301.70
40 05 19 00-1828	EA	48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	34,711.53	1,354.03
40 05 19 00-1829	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	35,630.48	1,615.68
40 05 19 00-1830		**Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tees With Base** *(40 05 19 00-0001)*		
40 05 19 00-1831	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	806.20	231.13
40 05 19 00-1832	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	1,097.39	284.33
40 05 19 00-1833	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	1,603.61	317.47
40 05 19 00-1834	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	2,441.16	412.53
40 05 19 00-1835	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	3,284.91	450.03
40 05 19 00-1836	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	3,670.54	484.05
40 05 19 00-1837	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	4,555.67	610.52
40 05 19 00-1838	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	5,536.49	697.74
40 05 19 00-1839	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	7,395.77	880.89
40 05 19 00-1840	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	10,663.25	972.46
40 05 19 00-1841	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	17,887.65	1,343.13
40 05 19 00-1842	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	25,514.34	1,539.37
40 05 19 00-1843		**Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wyes** *(40 05 19 00-0001)*		
40 05 19 00-1844	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	654.20	231.13
40 05 19 00-1845	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	916.89	284.33
40 05 19 00-1846	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	1,329.69	317.47
40 05 19 00-1847	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	1,747.65	412.53
40 05 19 00-1848	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	2,497.98	450.03
40 05 19 00-1849	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	3,246.20	484.05
40 05 19 00-1850		**Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Crosses** *(40 05 19 00-0001)*		
40 05 19 00-1851	EA	4" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	898.75	318.34
40 05 19 00-1852	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,189.23	344.94
40 05 19 00-1853	EA	6" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,258.86	384.62
40 05 19 00-1854	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,470.15	350.61
40 05 19 00-1855	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,601.94	396.83
40 05 19 00-1856	EA	8" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,657.96	426.49
40 05 19 00-1857	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,905.12	378.52
40 05 19 00-1858	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,097.07	424.74
40 05 19 00-1859	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,294.01	454.40
40 05 19 00-1860	EA	10" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,847.90	560.81
40 05 19 00-1861	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,471.59	392.91
40 05 19 00-1862	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,601.80	439.14
40 05 19 00-1863	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,800.32	468.79
40 05 19 00-1864	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,384.30	575.19
40 05 19 00-1865	EA	12" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,183.94	607.03
40 05 19 00-1866	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,105.48	451.78
40 05 19 00-1867	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,302.41	481.43
40 05 19 00-1868	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,675.79	587.84
40 05 19 00-1869	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,997.95	619.68
40 05 19 00-1870	EA	14" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,193.96	649.76
40 05 19 00-1871	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,707.90	488.85
40 05 19 00-1872	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,933.32	518.50
40 05 19 00-1873	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,306.72	624.91
40 05 19 00-1874	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,658.96	656.74
40 05 19 00-1875	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,507.99	686.83
40 05 19 00-1876	EA	16" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,281.87	828.55
40 05 19 00-1877	EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,859.20	528.09
40 05 19 00-1878	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,083.04	557.75
40 05 19 00-1879	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,396.26	664.15
40 05 19 00-1880	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,746.93	695.99
40 05 19 00-1881	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,457.52	726.07
40 05 19 00-1882	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,946.18	867.80
40 05 19 00-1883	EA	18" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,214.16	924.50
40 05 19 00-1884	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,033.14	589.14
40 05 19 00-1885	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,272.81	618.80
40 05 19 00-1886	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,563.88	725.21
40 05 19 00-1887	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,938.28	757.03
40 05 19 00-1888	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,048.78	787.13
40 05 19 00-1889	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	7,371.88	928.85
40 05 19 00-1890	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	7,652.52	985.55
40 05 19 00-1891	EA	20" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	8,387.62	1,168.70
40 05 19 00-1892	EA	24" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,656.97	628.40
40 05 19 00-1893	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,830.14	658.04
40 05 19 00-1894	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	7,219.36	764.45
40 05 19 00-1895	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	7,463.93	796.29
40 05 19 00-1896	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	7,607.69	826.37
40 05 19 00-1897	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	8,050.43	968.11
40 05 19 00-1898	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	10,451.19	1,024.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1899	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	11,047.80	1,140.58
40 05 19 00-1900	EA	24" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	12,162.59	1,273.36
40 05 19 00-1901	EA	30" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	12,301.60	905.31
40 05 19 00-1902	EA	30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	12,382.04	935.39
40 05 19 00-1903	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	12,840.61	1,077.12
40 05 19 00-1904	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	12,996.17	1,133.81
40 05 19 00-1905	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	13,658.44	1,316.96
40 05 19 00-1906	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	17,772.94	1,382.38
40 05 19 00-1907	EA	30" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	20,178.75	1,796.66
40 05 19 00-1908	EA	36" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	17,385.42	1,151.69
40 05 19 00-1909	EA	36" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	17,424.40	1,177.42
40 05 19 00-1910	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	17,811.66	1,292.98
40 05 19 00-1911	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	17,959.04	1,345.31
40 05 19 00-1912	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	18,505.38	1,497.94
40 05 19 00-1913	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	19,153.51	1,556.81
40 05 19 00-1914	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	25,913.51	1,894.77
40 05 19 00-1915	EA	36" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	28,415.23	2,071.39
40 05 19 00-1916	EA	42" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	25,703.46	1,036.13
40 05 19 00-1917	EA	42" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	25,749.06	1,066.22
40 05 19 00-1918	EA	42" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	26,187.05	1,207.94
40 05 19 00-1919	EA	42" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	26,309.35	1,264.64
40 05 19 00-1920	EA	42" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	26,922.54	1,447.79
40 05 19 00-1921	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	27,580.57	1,513.20
40 05 19 00-1922	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	35,505.97	1,927.48
40 05 19 00-1923	EA	42" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	49,092.10	2,143.34
40 05 19 00-1924	EA	48" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	36,345.19	2,407.18
40 05 19 00-1925	EA	48" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	34,490.19	1,207.94
40 05 19 00-1926	EA	48" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	34,929.75	1,349.68
40 05 19 00-1927	EA	48" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	35,052.08	1,406.37
40 05 19 00-1928	EA	48" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	35,627.26	1,589.52
40 05 19 00-1929	EA	48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	36,285.29	1,654.93
40 05 19 00-1930	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	37,918.42	2,069.20

40 05 19 00-1931 Flanged End x Flanged End, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducers *(40 05 19 00-0001)*

40 05 19 00-1932	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	479.60	163.96
40 05 19 00-1933	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	613.70	176.17
40 05 19 00-1934	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	675.75	196.24
40 05 19 00-1935	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	826.98	204.08
40 05 19 00-1936	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	833.62	224.15
40 05 19 00-1937	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	975.63	236.36
40 05 19 00-1938	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,058.45	218.92
40 05 19 00-1939	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,093.59	238.97
40 05 19 00-1940	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,199.18	251.18
40 05 19 00-1941	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,349.14	279.09
40 05 19 00-1942	EA	14" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,660.44	238.97
40 05 19 00-1943	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,319.51	251.18
40 05 19 00-1944	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,459.94	263.39
40 05 19 00-1945	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,605.14	291.30
40 05 19 00-1946	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,559.53	306.13
40 05 19 00-1947	EA	16" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,965.96	268.19
40 05 19 00-1948	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,589.44	288.25
40 05 19 00-1949	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,500.26	300.46
40 05 19 00-1950	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,672.38	328.37
40 05 19 00-1951	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,075.77	342.76
40 05 19 00-1952	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,234.28	355.41
40 05 19 00-1953	EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,488.08	327.50
40 05 19 00-1954	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,968.23	339.71
40 05 19 00-1955	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,162.52	367.62
40 05 19 00-1956	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,147.91	382.01
40 05 19 00-1957	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,474.24	394.65
40 05 19 00-1958	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,468.66	431.72
40 05 19 00-1959	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,544.16	388.55
40 05 19 00-1960	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,466.07	400.76
40 05 19 00-1961	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,671.44	428.67
40 05 19 00-1962	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,603.00	443.05
40 05 19 00-1963	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,006.92	455.70
40 05 19 00-1964	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,819.25	492.77
40 05 19 00-1965	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,480.39	532.02
40 05 19 00-1966	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,339.38	440.00
40 05 19 00-1967	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,772.76	467.91
40 05 19 00-1968	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,058.98	482.31
40 05 19 00-1969	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,166.82	494.96
40 05 19 00-1970	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,683.06	532.02
40 05 19 00-1971	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,450.29	571.26
40 05 19 00-1972	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,701.96	564.95
40 05 19 00-1973	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,418.03	641.04
40 05 19 00-1974	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,688.09	680.29
40 05 19 00-1975	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	7,200.18	741.33
40 05 19 00-1976	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	7,957.90	780.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1977	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	8,777.77	699.91
40 05 19 00-1978	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	9,220.41	739.16
40 05 19 00-1979	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	9,802.17	800.21
40 05 19 00-1980	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	10,665.98	839.46
40 05 19 00-1981	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	12,297.35	948.48
40 05 19 00-1982	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	14,937.66	911.41
40 05 19 00-1983	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	16,888.86	1,020.43
40 05 19 00-1984	EA	42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	19,101.35	1,079.30
40 05 19 00-1985	EA	48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	18,987.29	1,053.14
40 05 19 00-1986	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	21,312.18	1,162.16
40 05 19 00-1987	EA	48" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	23,822.33	1,221.03
40 05 19 00-1988	EA	48" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	26,687.98	1,292.98
40 05 19 00-1989		Flanged End x Flanged End, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducers *(40 05 19 00-0001)*		
40 05 19 00-1990	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	522.35	163.96
40 05 19 00-1991	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	662.78	176.17
40 05 19 00-1992	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	753.34	196.24
40 05 19 00-1993	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	826.98	204.08
40 05 19 00-1994	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	885.87	224.15
40 05 19 00-1995	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,024.71	236.36
40 05 19 00-1996	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,058.45	218.92
40 05 19 00-1997	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,150.59	238.97
40 05 19 00-1998	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,259.34	251.18
40 05 19 00-1999	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,453.64	279.09
40 05 19 00-2000	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,319.51	251.18
40 05 19 00-2001	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,429.86	263.39
40 05 19 00-2002	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,594.06	291.30
40 05 19 00-2003	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,827.11	306.13
40 05 19 00-2004	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,589.44	288.25
40 05 19 00-2005	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,726.68	300.46
40 05 19 00-2006	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,920.97	328.37
40 05 19 00-2007	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,124.86	342.76
40 05 19 00-2008	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,234.28	355.41
40 05 19 00-2009	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,968.23	339.71
40 05 19 00-2010	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,162.52	367.62
40 05 19 00-2011	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,366.41	382.01
40 05 19 00-2012	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,474.24	394.65
40 05 19 00-2013	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,712.50	431.72
40 05 19 00-2014	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,883.00	388.55
40 05 19 00-2015	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,629.16	400.76
40 05 19 00-2016	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,671.44	428.67
40 05 19 00-2017	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,921.25	443.05
40 05 19 00-2018	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,006.92	455.70
40 05 19 00-2019	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,287.92	492.77
40 05 19 00-2020	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,478.80	532.02
40 05 19 00-2021	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,665.55	440.00
40 05 19 00-2022	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,772.76	467.91
40 05 19 00-2023	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,859.48	482.31
40 05 19 00-2024	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,943.57	494.96
40 05 19 00-2025	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,229.31	532.02
40 05 19 00-2026	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,450.29	571.26
40 05 19 00-2027	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,701.96	564.95
40 05 19 00-2028	EA	30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,690.31	603.98
40 05 19 00-2029	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,501.05	641.04
40 05 19 00-2030	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	6,722.92	680.29
40 05 19 00-2031	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,200.18	741.33
40 05 19 00-2032	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,957.90	780.59
40 05 19 00-2033	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	8,847.43	699.91
40 05 19 00-2034	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	9,220.41	739.16
40 05 19 00-2035	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	9,767.33	800.21
40 05 19 00-2036	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	10,627.98	839.46
40 05 19 00-2037	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	12,262.51	948.48
40 05 19 00-2038	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	14,937.66	911.41
40 05 19 00-2039	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	12,613.79	1,020.43
40 05 19 00-2040	EA	42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	19,101.35	1,079.30
40 05 19 00-2041	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	21,312.18	1,162.16
40 05 19 00-2042	EA	48" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	23,822.33	1,221.03
40 05 19 00-2043	EA	48" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	26,687.98	1,292.98
40 05 19 00-2044		Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flanges *(40 05 19 00-0001)*		
40 05 19 00-2045	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	185.64	56.69
40 05 19 00-2046	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	278.86	83.73
40 05 19 00-2047	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	405.56	99.43
40 05 19 00-2048	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	558.93	116.00
40 05 19 00-2049	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	722.33	136.06
40 05 19 00-2050	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	956.43	152.63
40 05 19 00-2051	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	1,143.05	174.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2052	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	1,548.03	244.20
40 05 19 00-2053	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	2,056.95	305.26
40 05 19 00-2054	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	2,933.49	370.67
40 05 19 00-2055	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	4,140.69	431.72
40 05 19 00-2056	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	7,411.47	475.33
40 05 19 00-2057	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	10,457.71	523.30
40 05 19 00-2058	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	13,826.46	588.71

40 05 19 00-2059 Flanged End (FxF), Ductile Iron Flexible Ball Joint *(40 05 19 00-0001)*

Note: All internal surfaces (wetted parts) shall be lined with a minimum of 15 mils of fusion bonded epoxy conforming to the applicable requirements of ANSI/AWWA C213. Sealing gaskets shall be constructed of EPDM. The coating shall meet ANSI/NSF-61. Exterior surfaces shall be coated with a minimum of 6 mils of fusion bonded epoxy conforming to the applicable requirements of ANSI/AWWA C116/A21.16.

40 05 19 00-2060	EA	3" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	1,181.58	108.29
40 05 19 00-2061	EA	4" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	1,371.72	127.07
40 05 19 00-2062	EA	6" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	2,179.93	158.83
40 05 19 00-2063	EA	8" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	2,890.79	181.54
40 05 19 00-2064	EA	10" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	3,990.45	272.06
40 05 19 00-2065	EA	12" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	5,219.20	296.79
40 05 19 00-2066	EA	14" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	6,045.16	326.47
40 05 19 00-2067	EA	16" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	6,719.42	362.71
40 05 19 00-2068	EA	18" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	9,615.07	408.10
40 05 19 00-2069	EA	20" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	9,823.31	466.34
40 05 19 00-2070	EA	24" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	17,169.07	544.12
40 05 19 00-2071	EA	30" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	60,122.15	652.95
40 05 19 00-2072	EA	36" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	85,364.37	816.18

40 05 19 00-2073 Flanged End, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Piping *(40 05 19)*

Note: 350 PSI rating for 2" - 24" sizes, 250 PSI rating for 30" - 48" sizes. Pipe barrels conform to ANSI/AWWA C151/A21.51. The bolt holes are aligned per ANSI/AWWA C115/A21.15. Flanged fittings conform to ANSI/AWWA C110/A21.10. Interiors shall be ceramic epoxy. Exterior shall be bituminous coating, in accordance with ANSI/AWWA C104/A21.04. See CSI section 40 05 19 00-4103 for bolts, 40 05 19 00-4118 for gaskets.

40 05 19 00-2074 Flanged End (FxF), Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2073)*

40 05 19 00-2075 4" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*

40 05 19 00-2076	EA	4" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,218.87	249.44
		For Class 52 Rating, Deduct	*-92.50*	
		For Class 54 Rating, Add	*130.68*	
		For Class 55 Rating, Add	*196.60*	
		For Class 56 Rating, Add	*261.68*	
40 05 19 00-2077	EA	4" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,345.17	253.80
		For Class 52 Rating, Deduct	*-105.67*	
		For Class 54 Rating, Add	*148.71*	
		For Class 55 Rating, Add	*223.45*	
		For Class 56 Rating, Add	*297.23*	
40 05 19 00-2078	EA	4" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,471.46	258.16
		For Class 52 Rating, Deduct	*-118.83*	
		For Class 54 Rating, Add	*166.74*	
		For Class 55 Rating, Add	*250.30*	
		For Class 56 Rating, Add	*332.77*	
40 05 19 00-2079	EA	4" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,597.76	262.53
		For Class 52 Rating, Deduct	*-132.00*	
		For Class 54 Rating, Add	*184.77*	
		For Class 55 Rating, Add	*277.15*	
		For Class 56 Rating, Add	*368.32*	
40 05 19 00-2080	EA	4" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,724.05	266.88
		For Class 52 Rating, Deduct	*-145.16*	
		For Class 54 Rating, Add	*202.80*	
		For Class 55 Rating, Add	*303.99*	
		For Class 56 Rating, Add	*403.86*	
40 05 19 00-2081	EA	4" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,850.34	271.25
		For Class 52 Rating, Deduct	*-158.33*	
		For Class 54 Rating, Add	*220.84*	
		For Class 55 Rating, Add	*330.84*	
		For Class 56 Rating, Add	*439.41*	
40 05 19 00-2082	EA	4" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,976.63	275.60
		For Class 52 Rating, Deduct	*-171.50*	
		For Class 54 Rating, Add	*238.87*	
		For Class 55 Rating, Add	*357.69*	
		For Class 56 Rating, Add	*474.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2083	EA	4" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,102.93	279.97
		For Class 52 Rating, Deduct	*-184.66*	
		For Class 54 Rating, Add	*256.90*	
		For Class 55 Rating, Add	*384.54*	
		For Class 56 Rating, Add	*510.50*	
40 05 19 00-2084	EA	4" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,229.22	284.33
		For Class 52 Rating, Deduct	*-197.83*	
		For Class 54 Rating, Add	*274.93*	
		For Class 55 Rating, Add	*411.39*	
		For Class 56 Rating, Add	*546.04*	
40 05 19 00-2085	EA	4" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,355.51	288.68
		For Class 52 Rating, Deduct	*-210.99*	
		For Class 54 Rating, Add	*292.97*	
		For Class 55 Rating, Add	*438.24*	
		For Class 56 Rating, Add	*581.59*	
40 05 19 00-2086	EA	4" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,481.80	293.05
		For Class 52 Rating, Deduct	*-224.16*	
		For Class 54 Rating, Add	*311.00*	
		For Class 55 Rating, Add	*465.08*	
		For Class 56 Rating, Add	*617.13*	
40 05 19 00-2087	EA	4" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,608.10	297.40
		For Class 52 Rating, Deduct	*-237.32*	
		For Class 54 Rating, Add	*329.03*	
		For Class 55 Rating, Add	*491.93*	
		For Class 56 Rating, Add	*652.68*	
40 05 19 00-2088	EA	4" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,734.39	301.77
		For Class 52 Rating, Deduct	*-250.49*	
		For Class 54 Rating, Add	*347.06*	
		For Class 55 Rating, Add	*518.78*	
		For Class 56 Rating, Add	*688.22*	
40 05 19 00-2089	EA	4" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,860.69	306.13
		For Class 52 Rating, Deduct	*-263.65*	
		For Class 54 Rating, Add	*365.09*	
		For Class 55 Rating, Add	*545.63*	
		For Class 56 Rating, Add	*723.77*	
40 05 19 00-2090	EA	4" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,986.97	310.49
		For Class 52 Rating, Deduct	*-276.82*	
		For Class 54 Rating, Add	*383.12*	
		For Class 55 Rating, Add	*572.48*	
		For Class 56 Rating, Add	*759.31*	
40 05 19 00-2091	EA	4" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,113.27	314.85
		For Class 52 Rating, Deduct	*-289.98*	
		For Class 54 Rating, Add	*401.16*	
		For Class 55 Rating, Add	*599.33*	
		For Class 56 Rating, Add	*794.86*	
40 05 19 00-2092	EA	4" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,239.55	319.21
		For Class 52 Rating, Deduct	*-303.15*	
		For Class 54 Rating, Add	*419.19*	
		For Class 55 Rating, Add	*626.17*	
		For Class 56 Rating, Add	*830.40*	
40 05 19 00-2093	EA	4" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,365.84	323.57
		For Class 52 Rating, Deduct	*-316.31*	
		For Class 54 Rating, Add	*437.22*	
		For Class 55 Rating, Add	*653.02*	
		For Class 56 Rating, Add	*865.95*	
40 05 19 00-2094	EA	4" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,492.13	327.93
		For Class 52 Rating, Deduct	*-329.48*	
		For Class 54 Rating, Add	*455.25*	
		For Class 55 Rating, Add	*679.87*	
		For Class 56 Rating, Add	*901.49*	
40 05 19 00-2095	EA	4" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,618.42	332.29
		For Class 52 Rating, Deduct	*-342.64*	
		For Class 54 Rating, Add	*473.28*	
		For Class 55 Rating, Add	*706.72*	
		For Class 56 Rating, Add	*937.04*	
40 05 19 00-2096	EA	4" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,744.72	336.66
		For Class 52 Rating, Deduct	*-355.81*	
		For Class 54 Rating, Add	*491.32*	
		For Class 55 Rating, Add	*733.57*	
		For Class 56 Rating, Add	*972.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2097	EA	4" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,871.01	341.01
		For Class 52 Rating, Deduct	*-368.98*	
		For Class 54 Rating, Add	*509.35*	
		For Class 55 Rating, Add	*760.41*	
		For Class 56 Rating, Add	*1,008.13*	
40 05 19 00-2098	EA	4" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,997.31	345.38
		For Class 52 Rating, Deduct	*-382.14*	
		For Class 54 Rating, Add	*527.38*	
		For Class 55 Rating, Add	*787.26*	
		For Class 56 Rating, Add	*1,043.67*	
40 05 19 00-2099	EA	4" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,123.59	349.73
		For Class 52 Rating, Deduct	*-395.31*	
		For Class 54 Rating, Add	*545.41*	
		For Class 55 Rating, Add	*814.11*	
		For Class 56 Rating, Add	*1,079.21*	
40 05 19 00-2100	EA	4" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,249.89	354.10
		For Class 52 Rating, Deduct	*-408.47*	
		For Class 54 Rating, Add	*563.45*	
		For Class 55 Rating, Add	*840.96*	
		For Class 56 Rating, Add	*1,114.76*	
40 05 19 00-2101	EA	4" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,376.18	358.46
		For Class 52 Rating, Deduct	*-421.64*	
		For Class 54 Rating, Add	*581.48*	
		For Class 55 Rating, Add	*867.81*	
		For Class 56 Rating, Add	*1,150.31*	
40 05 19 00-2102	EA	4" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,502.48	362.82
		For Class 52 Rating, Deduct	*-434.80*	
		For Class 54 Rating, Add	*599.51*	
		For Class 55 Rating, Add	*894.66*	
		For Class 56 Rating, Add	*1,185.85*	
40 05 19 00-2103	EA	4" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,628.77	367.18
		For Class 52 Rating, Deduct	*-447.97*	
		For Class 54 Rating, Add	*617.54*	
		For Class 55 Rating, Add	*921.50*	
		For Class 56 Rating, Add	*1,221.40*	
40 05 19 00-2104	EA	4" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,755.06	371.54
		For Class 52 Rating, Deduct	*-461.13*	
		For Class 54 Rating, Add	*635.57*	
		For Class 55 Rating, Add	*948.35*	
		For Class 56 Rating, Add	*1,256.94*	
40 05 19 00-2105	EA	4" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,881.35	375.90
		For Class 52 Rating, Deduct	*-474.30*	
		For Class 54 Rating, Add	*653.60*	
		For Class 55 Rating, Add	*975.20*	
		For Class 56 Rating, Add	*1,292.48*	
40 05 19 00-2106	EA	4" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,007.65	380.27
		For Class 52 Rating, Deduct	*-487.46*	
		For Class 54 Rating, Add	*671.64*	
		For Class 55 Rating, Add	*1,002.05*	
		For Class 56 Rating, Add	*1,328.03*	
40 05 19 00-2107	EA	4" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,133.94	384.62
		For Class 52 Rating, Deduct	*-500.63*	
		For Class 54 Rating, Add	*689.67*	
		For Class 55 Rating, Add	*1,028.90*	
		For Class 56 Rating, Add	*1,363.57*	
40 05 19 00-2108	EA	4" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,260.23	388.99
		For Class 52 Rating, Deduct	*-513.79*	
		For Class 54 Rating, Add	*707.70*	
		For Class 55 Rating, Add	*1,055.75*	
		For Class 56 Rating, Add	*1,399.12*	
40 05 19 00-2109	EA	4" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,386.52	393.34
		For Class 52 Rating, Deduct	*-526.96*	
		For Class 54 Rating, Add	*725.73*	
		For Class 55 Rating, Add	*1,082.59*	
		For Class 56 Rating, Add	*1,434.66*	
40 05 19 00-2110	EA	4" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,512.82	397.71
		For Class 52 Rating, Deduct	*-540.13*	
		For Class 54 Rating, Add	*743.77*	
		For Class 55 Rating, Add	*1,109.44*	
		For Class 56 Rating, Add	*1,470.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2111	EA	4" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,639.10	402.07
		For Class 52 Rating, Deduct	*-553.29*	
		For Class 54 Rating, Add	*761.80*	
		For Class 55 Rating, Add	*1,136.29*	
		For Class 56 Rating, Add	*1,505.75*	
40 05 19 00-2112	EA	4" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,765.40	406.43
		For Class 52 Rating, Deduct	*-566.46*	
		For Class 54 Rating, Add	*779.83*	
		For Class 55 Rating, Add	*1,163.14*	
		For Class 56 Rating, Add	*1,541.30*	
40 05 19 00-2113	EA	4" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,891.68	410.79
		For Class 52 Rating, Deduct	*-579.62*	
		For Class 54 Rating, Add	*797.86*	
		For Class 55 Rating, Add	*1,189.99*	
		For Class 56 Rating, Add	*1,576.84*	
40 05 19 00-2114	EA	4" Flanged (FxF), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,017.98	415.15
		For Class 52 Rating, Deduct	*-592.79*	
		For Class 54 Rating, Add	*815.89*	
		For Class 55 Rating, Add	*1,216.84*	
		For Class 56 Rating, Add	*1,612.39*	

40 05 19 00-2115 6" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*

40 05 19 00-2116	EA	6" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,524.54	313.98
		For Class 52 Rating, Deduct	*-115.37*	
		For Class 54 Rating, Add	*163.03*	
		For Class 55 Rating, Add	*245.30*	
		For Class 56 Rating, Add	*326.53*	
40 05 19 00-2117	EA	6" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,669.73	318.34
		For Class 52 Rating, Deduct	*-130.61*	
		For Class 54 Rating, Add	*183.90*	
		For Class 55 Rating, Add	*276.37*	
		For Class 56 Rating, Add	*367.65*	
40 05 19 00-2118	EA	6" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,814.92	322.70
		For Class 52 Rating, Deduct	*-145.86*	
		For Class 54 Rating, Add	*204.76*	
		For Class 55 Rating, Add	*307.43*	
		For Class 56 Rating, Add	*408.77*	
40 05 19 00-2119	EA	6" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,960.11	327.06
		For Class 52 Rating, Deduct	*-161.10*	
		For Class 54 Rating, Add	*225.63*	
		For Class 55 Rating, Add	*338.49*	
		For Class 56 Rating, Add	*449.89*	
40 05 19 00-2120	EA	6" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,105.31	331.42
		For Class 52 Rating, Deduct	*-176.35*	
		For Class 54 Rating, Add	*246.50*	
		For Class 55 Rating, Add	*369.55*	
		For Class 56 Rating, Add	*491.01*	
40 05 19 00-2121	EA	6" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,250.49	335.78
		For Class 52 Rating, Deduct	*-191.59*	
		For Class 54 Rating, Add	*267.36*	
		For Class 55 Rating, Add	*400.62*	
		For Class 56 Rating, Add	*532.13*	
40 05 19 00-2122	EA	6" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,395.68	340.15
		For Class 52 Rating, Deduct	*-206.83*	
		For Class 54 Rating, Add	*288.23*	
		For Class 55 Rating, Add	*431.68*	
		For Class 56 Rating, Add	*573.24*	
40 05 19 00-2123	EA	6" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,540.87	344.50
		For Class 52 Rating, Deduct	*-222.08*	
		For Class 54 Rating, Add	*309.10*	
		For Class 55 Rating, Add	*462.74*	
		For Class 56 Rating, Add	*614.36*	
40 05 19 00-2124	EA	6" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,686.07	348.87
		For Class 52 Rating, Deduct	*-237.32*	
		For Class 54 Rating, Add	*329.97*	
		For Class 55 Rating, Add	*493.80*	
		For Class 56 Rating, Add	*655.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2125	EA	6" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,831.25	353.22
		For Class 52 Rating, Deduct	*-252.57*	
		For Class 54 Rating, Add	*350.83*	
		For Class 55 Rating, Add	*524.87*	
		For Class 56 Rating, Add	*696.60*	
40 05 19 00-2126	EA	6" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,976.44	357.59
		For Class 52 Rating, Deduct	*-267.81*	
		For Class 54 Rating, Add	*371.70*	
		For Class 55 Rating, Add	*555.93*	
		For Class 56 Rating, Add	*737.72*	
40 05 19 00-2127	EA	6" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,121.63	361.95
		For Class 52 Rating, Deduct	*-283.05*	
		For Class 54 Rating, Add	*392.56*	
		For Class 55 Rating, Add	*586.99*	
		For Class 56 Rating, Add	*778.84*	
40 05 19 00-2128	EA	6" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,266.83	366.31
		For Class 52 Rating, Deduct	*-298.30*	
		For Class 54 Rating, Add	*413.43*	
		For Class 55 Rating, Add	*618.05*	
		For Class 56 Rating, Add	*819.96*	
40 05 19 00-2129	EA	6" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,412.01	370.67
		For Class 52 Rating, Deduct	*-313.54*	
		For Class 54 Rating, Add	*434.30*	
		For Class 55 Rating, Add	*649.12*	
		For Class 56 Rating, Add	*861.08*	
40 05 19 00-2130	EA	6" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,557.19	375.03
		For Class 52 Rating, Deduct	*-328.79*	
		For Class 54 Rating, Add	*455.16*	
		For Class 55 Rating, Add	*680.18*	
		For Class 56 Rating, Add	*902.20*	
40 05 19 00-2131	EA	6" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,702.38	379.39
		For Class 52 Rating, Deduct	*-344.03*	
		For Class 54 Rating, Add	*476.03*	
		For Class 55 Rating, Add	*711.24*	
		For Class 56 Rating, Add	*943.32*	
40 05 19 00-2132	EA	6" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,847.58	383.76
		For Class 52 Rating, Deduct	*-359.28*	
		For Class 54 Rating, Add	*496.90*	
		For Class 55 Rating, Add	*742.30*	
		For Class 56 Rating, Add	*984.44*	
40 05 19 00-2133	EA	6" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,992.77	388.11
		For Class 52 Rating, Deduct	*-374.52*	
		For Class 54 Rating, Add	*517.76*	
		For Class 55 Rating, Add	*773.37*	
		For Class 56 Rating, Add	*1,025.56*	
40 05 19 00-2134	EA	6" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,137.95	392.48
		For Class 52 Rating, Deduct	*-389.76*	
		For Class 54 Rating, Add	*538.63*	
		For Class 55 Rating, Add	*804.43*	
		For Class 56 Rating, Add	*1,066.68*	
40 05 19 00-2135	EA	6" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,283.14	396.83
		For Class 52 Rating, Deduct	*-405.01*	
		For Class 54 Rating, Add	*559.50*	
		For Class 55 Rating, Add	*835.49*	
		For Class 56 Rating, Add	*1,107.80*	
40 05 19 00-2136	EA	6" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,428.33	401.20
		For Class 52 Rating, Deduct	*-420.25*	
		For Class 54 Rating, Add	*580.36*	
		For Class 55 Rating, Add	*866.55*	
		For Class 56 Rating, Add	*1,148.92*	
40 05 19 00-2137	EA	6" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,573.53	405.56
		For Class 52 Rating, Deduct	*-435.50*	
		For Class 54 Rating, Add	*601.23*	
		For Class 55 Rating, Add	*897.62*	
		For Class 56 Rating, Add	*1,190.04*	
40 05 19 00-2138	EA	6" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,718.72	409.92
		For Class 52 Rating, Deduct	*-450.74*	
		For Class 54 Rating, Add	*622.10*	
		For Class 55 Rating, Add	*928.68*	
		For Class 56 Rating, Add	*1,231.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2139	EA	6" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,863.90	414.28
		For Class 52 Rating, Deduct	*-465.98*	
		For Class 54 Rating, Add	*642.96*	
		For Class 55 Rating, Add	*959.74*	
		For Class 56 Rating, Add	*1,272.28*	
40 05 19 00-2140	EA	6" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,009.09	418.64
		For Class 52 Rating, Deduct	*-481.23*	
		For Class 54 Rating, Add	*663.83*	
		For Class 55 Rating, Add	*990.80*	
		For Class 56 Rating, Add	*1,313.40*	
40 05 19 00-2141	EA	6" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,154.29	423.00
		For Class 52 Rating, Deduct	*-496.47*	
		For Class 54 Rating, Add	*684.70*	
		For Class 55 Rating, Add	*1,021.87*	
		For Class 56 Rating, Add	*1,354.52*	
40 05 19 00-2142	EA	6" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,299.48	427.36
		For Class 52 Rating, Deduct	*-511.72*	
		For Class 54 Rating, Add	*705.56*	
		For Class 55 Rating, Add	*1,052.93*	
		For Class 56 Rating, Add	*1,395.64*	
40 05 19 00-2143	EA	6" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,444.67	431.72
		For Class 52 Rating, Deduct	*-526.96*	
		For Class 54 Rating, Add	*726.43*	
		For Class 55 Rating, Add	*1,083.99*	
		For Class 56 Rating, Add	*1,436.76*	
40 05 19 00-2144	EA	6" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,589.85	436.08
		For Class 52 Rating, Deduct	*-542.20*	
		For Class 54 Rating, Add	*747.30*	
		For Class 55 Rating, Add	*1,115.05*	
		For Class 56 Rating, Add	*1,477.88*	
40 05 19 00-2145	EA	6" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,735.05	440.44
		For Class 52 Rating, Deduct	*-557.45*	
		For Class 54 Rating, Add	*768.16*	
		For Class 55 Rating, Add	*1,146.12*	
		For Class 56 Rating, Add	*1,519.00*	
40 05 19 00-2146	EA	6" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,880.24	444.80
		For Class 52 Rating, Deduct	*-572.69*	
		For Class 54 Rating, Add	*789.03*	
		For Class 55 Rating, Add	*1,177.18*	
		For Class 56 Rating, Add	*1,560.12*	
40 05 19 00-2147	EA	6" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,025.42	449.16
		For Class 52 Rating, Deduct	*-587.94*	
		For Class 54 Rating, Add	*809.90*	
		For Class 55 Rating, Add	*1,208.24*	
		For Class 56 Rating, Add	*1,601.24*	
40 05 19 00-2148	EA	6" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,170.60	453.52
		For Class 52 Rating, Deduct	*-603.18*	
		For Class 54 Rating, Add	*830.76*	
		For Class 55 Rating, Add	*1,239.30*	
		For Class 56 Rating, Add	*1,642.36*	
40 05 19 00-2149	EA	6" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,315.80	457.89
		For Class 52 Rating, Deduct	*-618.42*	
		For Class 54 Rating, Add	*851.63*	
		For Class 55 Rating, Add	*1,270.37*	
		For Class 56 Rating, Add	*1,683.48*	
40 05 19 00-2150	EA	6" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,460.99	462.24
		For Class 52 Rating, Deduct	*-633.67*	
		For Class 54 Rating, Add	*872.50*	
		For Class 55 Rating, Add	*1,301.43*	
		For Class 56 Rating, Add	*1,724.60*	
40 05 19 00-2151	EA	6" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,606.18	466.61
		For Class 52 Rating, Deduct	*-648.91*	
		For Class 54 Rating, Add	*893.36*	
		For Class 55 Rating, Add	*1,332.49*	
		For Class 56 Rating, Add	*1,765.72*	
40 05 19 00-2152	EA	6" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,751.37	470.96
		For Class 52 Rating, Deduct	*-664.16*	
		For Class 54 Rating, Add	*914.23*	
		For Class 55 Rating, Add	*1,363.55*	
		For Class 56 Rating, Add	*1,806.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2153	EA	6" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,896.56	475.33
		For Class 52 Rating, Deduct	*-679.40*	
		For Class 54 Rating, Add	*935.10*	
		For Class 55 Rating, Add	*1,394.62*	
		For Class 56 Rating, Add	*1,847.96*	
40 05 19 00-2154	EA	6" Flanged (FxF), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,041.75	479.69
		For Class 52 Rating, Deduct	*-694.64*	
		For Class 54 Rating, Add	*955.96*	
		For Class 55 Rating, Add	*1,425.68*	
		For Class 56 Rating, Add	*1,889.08*	

40 05 19 00-2155 8" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*

40 05 19 00-2156	EA	8" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,122.83	401.20
		For Class 52 Rating, Deduct	*-166.65*	
		For Class 54 Rating, Add	*234.54*	
		For Class 55 Rating, Add	*352.42*	
		For Class 56 Rating, Add	*468.80*	
40 05 19 00-2157	EA	8" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,308.96	405.56
		For Class 52 Rating, Deduct	*-186.39*	
		For Class 54 Rating, Add	*261.55*	
		For Class 55 Rating, Add	*392.62*	
		For Class 56 Rating, Add	*521.99*	
40 05 19 00-2158	EA	8" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,495.10	409.92
		For Class 52 Rating, Deduct	*-206.14*	
		For Class 54 Rating, Add	*288.55*	
		For Class 55 Rating, Add	*432.81*	
		For Class 56 Rating, Add	*575.19*	
40 05 19 00-2159	EA	8" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,681.23	414.28
		For Class 52 Rating, Deduct	*-225.89*	
		For Class 54 Rating, Add	*315.56*	
		For Class 55 Rating, Add	*473.00*	
		For Class 56 Rating, Add	*628.39*	
40 05 19 00-2160	EA	8" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,867.37	418.64
		For Class 52 Rating, Deduct	*-245.64*	
		For Class 54 Rating, Add	*342.57*	
		For Class 55 Rating, Add	*513.20*	
		For Class 56 Rating, Add	*681.59*	
40 05 19 00-2161	EA	8" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,053.50	423.00
		For Class 52 Rating, Deduct	*-265.38*	
		For Class 54 Rating, Add	*369.58*	
		For Class 55 Rating, Add	*553.39*	
		For Class 56 Rating, Add	*734.79*	
40 05 19 00-2162	EA	8" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,239.64	427.36
		For Class 52 Rating, Deduct	*-285.13*	
		For Class 54 Rating, Add	*396.59*	
		For Class 55 Rating, Add	*593.58*	
		For Class 56 Rating, Add	*787.99*	
40 05 19 00-2163	EA	8" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,425.78	431.72
		For Class 52 Rating, Deduct	*-304.88*	
		For Class 54 Rating, Add	*423.60*	
		For Class 55 Rating, Add	*633.78*	
		For Class 56 Rating, Add	*841.19*	
40 05 19 00-2164	EA	8" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,611.91	436.08
		For Class 52 Rating, Deduct	*-324.63*	
		For Class 54 Rating, Add	*450.61*	
		For Class 55 Rating, Add	*673.97*	
		For Class 56 Rating, Add	*894.38*	
40 05 19 00-2165	EA	8" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,798.04	440.44
		For Class 52 Rating, Deduct	*-344.38*	
		For Class 54 Rating, Add	*477.61*	
		For Class 55 Rating, Add	*714.16*	
		For Class 56 Rating, Add	*947.58*	
40 05 19 00-2166	EA	8" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,984.18	444.80
		For Class 52 Rating, Deduct	*-364.13*	
		For Class 54 Rating, Add	*504.62*	
		For Class 55 Rating, Add	*754.36*	
		For Class 56 Rating, Add	*1,000.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2167	EA	8" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,170.31	449.16
		For Class 52 Rating, Deduct	*-383.87*	
		For Class 54 Rating, Add	*531.63*	
		For Class 55 Rating, Add	*794.55*	
		For Class 56 Rating, Add	*1,053.98*	
40 05 19 00-2168	EA	8" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,356.43	453.52
		For Class 52 Rating, Deduct	*-403.62*	
		For Class 54 Rating, Add	*558.64*	
		For Class 55 Rating, Add	*834.74*	
		For Class 56 Rating, Add	*1,107.18*	
40 05 19 00-2169	EA	8" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,542.57	457.89
		For Class 52 Rating, Deduct	*-423.37*	
		For Class 54 Rating, Add	*585.65*	
		For Class 55 Rating, Add	*874.93*	
		For Class 56 Rating, Add	*1,160.37*	
40 05 19 00-2170	EA	8" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,728.71	462.24
		For Class 52 Rating, Deduct	*-443.12*	
		For Class 54 Rating, Add	*612.66*	
		For Class 55 Rating, Add	*915.13*	
		For Class 56 Rating, Add	*1,213.57*	
40 05 19 00-2171	EA	8" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,914.85	466.61
		For Class 52 Rating, Deduct	*-462.87*	
		For Class 54 Rating, Add	*639.66*	
		For Class 55 Rating, Add	*955.32*	
		For Class 56 Rating, Add	*1,266.77*	
40 05 19 00-2172	EA	8" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,100.98	470.96
		For Class 52 Rating, Deduct	*-482.61*	
		For Class 54 Rating, Add	*666.67*	
		For Class 55 Rating, Add	*995.51*	
		For Class 56 Rating, Add	*1,319.97*	
40 05 19 00-2173	EA	8" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,287.11	475.33
		For Class 52 Rating, Deduct	*-502.36*	
		For Class 54 Rating, Add	*693.68*	
		For Class 55 Rating, Add	*1,035.71*	
		For Class 56 Rating, Add	*1,373.17*	
40 05 19 00-2174	EA	8" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,473.25	479.69
		For Class 52 Rating, Deduct	*-522.11*	
		For Class 54 Rating, Add	*720.69*	
		For Class 55 Rating, Add	*1,075.90*	
		For Class 56 Rating, Add	*1,426.37*	
40 05 19 00-2175	EA	8" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,659.38	484.05
		For Class 52 Rating, Deduct	*-541.86*	
		For Class 54 Rating, Add	*747.70*	
		For Class 55 Rating, Add	*1,116.09*	
		For Class 56 Rating, Add	*1,479.56*	
40 05 19 00-2176	EA	8" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,845.52	488.41
		For Class 52 Rating, Deduct	*-561.61*	
		For Class 54 Rating, Add	*774.71*	
		For Class 55 Rating, Add	*1,156.29*	
		For Class 56 Rating, Add	*1,532.76*	
40 05 19 00-2177	EA	8" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,031.66	492.77
		For Class 52 Rating, Deduct	*-581.35*	
		For Class 54 Rating, Add	*801.71*	
		For Class 55 Rating, Add	*1,196.48*	
		For Class 56 Rating, Add	*1,585.96*	
40 05 19 00-2178	EA	8" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,217.79	497.13
		For Class 52 Rating, Deduct	*-601.10*	
		For Class 54 Rating, Add	*828.72*	
		For Class 55 Rating, Add	*1,236.67*	
		For Class 56 Rating, Add	*1,639.16*	
40 05 19 00-2179	EA	8" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,403.92	501.50
		For Class 52 Rating, Deduct	*-620.85*	
		For Class 54 Rating, Add	*855.73*	
		For Class 55 Rating, Add	*1,276.87*	
		For Class 56 Rating, Add	*1,692.36*	
40 05 19 00-2180	EA	8" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,590.06	505.85
		For Class 52 Rating, Deduct	*-640.60*	
		For Class 54 Rating, Add	*882.74*	
		For Class 55 Rating, Add	*1,317.06*	
		For Class 56 Rating, Add	*1,745.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2181	EA	8" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,776.20	510.22
		For Class 52 Rating, Deduct	*-660.35*	
		For Class 54 Rating, Add	*909.75*	
		For Class 55 Rating, Add	*1,357.25*	
		For Class 56 Rating, Add	*1,798.76*	
40 05 19 00-2182	EA	8" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,962.32	514.57
		For Class 52 Rating, Deduct	*-680.09*	
		For Class 54 Rating, Add	*936.75*	
		For Class 55 Rating, Add	*1,397.45*	
		For Class 56 Rating, Add	*1,851.95*	
40 05 19 00-2183	EA	8" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,148.46	518.94
		For Class 52 Rating, Deduct	*-699.84*	
		For Class 54 Rating, Add	*963.76*	
		For Class 55 Rating, Add	*1,437.64*	
		For Class 56 Rating, Add	*1,905.15*	
40 05 19 00-2184	EA	8" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,334.60	523.30
		For Class 52 Rating, Deduct	*-719.59*	
		For Class 54 Rating, Add	*990.77*	
		For Class 55 Rating, Add	*1,477.83*	
		For Class 56 Rating, Add	*1,958.35*	
40 05 19 00-2185	EA	8" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,520.74	527.66
		For Class 52 Rating, Deduct	*-739.34*	
		For Class 54 Rating, Add	*1,017.78*	
		For Class 55 Rating, Add	*1,518.03*	
		For Class 56 Rating, Add	*2,011.55*	
40 05 19 00-2186	EA	8" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,706.86	532.02
		For Class 52 Rating, Deduct	*-759.08*	
		For Class 54 Rating, Add	*1,044.79*	
		For Class 55 Rating, Add	*1,558.22*	
		For Class 56 Rating, Add	*2,064.75*	
40 05 19 00-2187	EA	8" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,892.99	536.38
		For Class 52 Rating, Deduct	*-778.83*	
		For Class 54 Rating, Add	*1,071.80*	
		For Class 55 Rating, Add	*1,598.41*	
		For Class 56 Rating, Add	*2,117.95*	
40 05 19 00-2188	EA	8" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,079.13	540.74
		For Class 52 Rating, Deduct	*-798.58*	
		For Class 54 Rating, Add	*1,098.81*	
		For Class 55 Rating, Add	*1,638.61*	
		For Class 56 Rating, Add	*2,171.14*	
40 05 19 00-2189	EA	8" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,265.27	545.11
		For Class 52 Rating, Deduct	*-818.33*	
		For Class 54 Rating, Add	*1,125.81*	
		For Class 55 Rating, Add	*1,678.80*	
		For Class 56 Rating, Add	*2,224.34*	
40 05 19 00-2190	EA	8" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,451.40	549.46
		For Class 52 Rating, Deduct	*-838.08*	
		For Class 54 Rating, Add	*1,152.82*	
		For Class 55 Rating, Add	*1,718.99*	
		For Class 56 Rating, Add	*2,277.54*	
40 05 19 00-2191	EA	8" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,637.53	553.83
		For Class 52 Rating, Deduct	*-857.83*	
		For Class 54 Rating, Add	*1,179.83*	
		For Class 55 Rating, Add	*1,759.18*	
		For Class 56 Rating, Add	*2,330.74*	
40 05 19 00-2192	EA	8" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,823.67	558.18
		For Class 52 Rating, Deduct	*-877.57*	
		For Class 54 Rating, Add	*1,206.84*	
		For Class 55 Rating, Add	*1,799.38*	
		For Class 56 Rating, Add	*2,383.94*	
40 05 19 00-2193	EA	8" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,009.80	562.55
		For Class 52 Rating, Deduct	*-897.32*	
		For Class 54 Rating, Add	*1,233.85*	
		For Class 55 Rating, Add	*1,839.57*	
		For Class 56 Rating, Add	*2,437.13*	
40 05 19 00-2194	EA	8" Flanged (FxF), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,195.94	566.91
		For Class 52 Rating, Deduct	*-917.07*	
		For Class 54 Rating, Add	*1,260.86*	
		For Class 55 Rating, Add	*1,879.76*	
		For Class 56 Rating, Add	*2,490.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2195		10" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*		
40 05 19 00-2196	EA	10" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,680.17	488.41
		For Class 52 Rating, Deduct	*-213.42*	
		For Class 54 Rating, Add	*299.90*	
		For Class 55 Rating, Add	*450.41*	
		For Class 56 Rating, Add	*598.98*	
40 05 19 00-2197	EA	10" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,919.85	492.77
		For Class 52 Rating, Deduct	*-239.05*	
		For Class 54 Rating, Add	*334.94*	
		For Class 55 Rating, Add	*502.55*	
		For Class 56 Rating, Add	*667.98*	
40 05 19 00-2198	EA	10" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,159.52	497.13
		For Class 52 Rating, Deduct	*-264.69*	
		For Class 54 Rating, Add	*369.98*	
		For Class 55 Rating, Add	*554.68*	
		For Class 56 Rating, Add	*736.97*	
40 05 19 00-2199	EA	10" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,399.20	501.50
		For Class 52 Rating, Deduct	*-290.33*	
		For Class 54 Rating, Add	*405.02*	
		For Class 55 Rating, Add	*606.81*	
		For Class 56 Rating, Add	*805.97*	
40 05 19 00-2200	EA	10" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,638.89	505.85
		For Class 52 Rating, Deduct	*-315.97*	
		For Class 54 Rating, Add	*440.06*	
		For Class 55 Rating, Add	*658.95*	
		For Class 56 Rating, Add	*874.96*	
40 05 19 00-2201	EA	10" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,878.57	510.22
		For Class 52 Rating, Deduct	*-341.61*	
		For Class 54 Rating, Add	*475.10*	
		For Class 55 Rating, Add	*711.08*	
		For Class 56 Rating, Add	*943.96*	
40 05 19 00-2202	EA	10" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,118.24	514.57
		For Class 52 Rating, Deduct	*-367.24*	
		For Class 54 Rating, Add	*510.14*	
		For Class 55 Rating, Add	*763.22*	
		For Class 56 Rating, Add	*1,012.95*	
40 05 19 00-2203	EA	10" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,357.92	518.94
		For Class 52 Rating, Deduct	*-392.88*	
		For Class 54 Rating, Add	*545.18*	
		For Class 55 Rating, Add	*815.35*	
		For Class 56 Rating, Add	*1,081.94*	
40 05 19 00-2204	EA	10" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,597.60	523.30
		For Class 52 Rating, Deduct	*-418.52*	
		For Class 54 Rating, Add	*580.22*	
		For Class 55 Rating, Add	*867.48*	
		For Class 56 Rating, Add	*1,150.94*	
40 05 19 00-2205	EA	10" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,837.28	527.66
		For Class 52 Rating, Deduct	*-444.16*	
		For Class 54 Rating, Add	*615.26*	
		For Class 55 Rating, Add	*919.61*	
		For Class 56 Rating, Add	*1,219.93*	
40 05 19 00-2206	EA	10" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,076.95	532.02
		For Class 52 Rating, Deduct	*-469.79*	
		For Class 54 Rating, Add	*650.30*	
		For Class 55 Rating, Add	*971.75*	
		For Class 56 Rating, Add	*1,288.92*	
40 05 19 00-2207	EA	10" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,316.62	536.38
		For Class 52 Rating, Deduct	*-495.43*	
		For Class 54 Rating, Add	*685.34*	
		For Class 55 Rating, Add	*1,023.88*	
		For Class 56 Rating, Add	*1,357.92*	
40 05 19 00-2208	EA	10" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,556.30	540.74
		For Class 52 Rating, Deduct	*-521.07*	
		For Class 54 Rating, Add	*720.38*	
		For Class 55 Rating, Add	*1,076.01*	
		For Class 56 Rating, Add	*1,426.91*	
40 05 19 00-2209	EA	10" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,795.98	545.11
		For Class 52 Rating, Deduct	*-546.71*	
		For Class 54 Rating, Add	*755.42*	
		For Class 55 Rating, Add	*1,128.15*	
		For Class 56 Rating, Add	*1,495.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2210	EA	10" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,035.66	549.46
		For Class 52 Rating, Deduct	*-572.35*	
		For Class 54 Rating, Add	*790.46*	
		For Class 55 Rating, Add	*1,180.28*	
		For Class 56 Rating, Add	*1,564.90*	
40 05 19 00-2211	EA	10" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,275.33	553.83
		For Class 52 Rating, Deduct	*-597.98*	
		For Class 54 Rating, Add	*825.50*	
		For Class 55 Rating, Add	*1,232.41*	
		For Class 56 Rating, Add	*1,633.89*	
40 05 19 00-2212	EA	10" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,515.01	558.18
		For Class 52 Rating, Deduct	*-623.62*	
		For Class 54 Rating, Add	*860.54*	
		For Class 55 Rating, Add	*1,284.55*	
		For Class 56 Rating, Add	*1,702.88*	
40 05 19 00-2213	EA	10" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,754.69	562.55
		For Class 52 Rating, Deduct	*-649.26*	
		For Class 54 Rating, Add	*895.58*	
		For Class 55 Rating, Add	*1,336.68*	
		For Class 56 Rating, Add	*1,771.88*	
40 05 19 00-2214	EA	10" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,994.37	566.91
		For Class 52 Rating, Deduct	*-674.90*	
		For Class 54 Rating, Add	*930.62*	
		For Class 55 Rating, Add	*1,388.81*	
		For Class 56 Rating, Add	*1,840.87*	
40 05 19 00-2215	EA	10" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,234.05	571.26
		For Class 52 Rating, Deduct	*-700.53*	
		For Class 54 Rating, Add	*965.66*	
		For Class 55 Rating, Add	*1,440.95*	
		For Class 56 Rating, Add	*1,909.86*	
40 05 19 00-2216	EA	10" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,473.72	575.63
		For Class 52 Rating, Deduct	*-726.17*	
		For Class 54 Rating, Add	*1,000.70*	
		For Class 55 Rating, Add	*1,493.08*	
		For Class 56 Rating, Add	*1,978.86*	
40 05 19 00-2217	EA	10" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,713.40	579.98
		For Class 52 Rating, Deduct	*-751.81*	
		For Class 54 Rating, Add	*1,035.74*	
		For Class 55 Rating, Add	*1,545.21*	
		For Class 56 Rating, Add	*2,047.85*	
40 05 19 00-2218	EA	10" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,953.08	584.35
		For Class 52 Rating, Deduct	*-777.45*	
		For Class 54 Rating, Add	*1,070.78*	
		For Class 55 Rating, Add	*1,597.35*	
		For Class 56 Rating, Add	*2,116.85*	
40 05 19 00-2219	EA	10" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,192.76	588.71
		For Class 52 Rating, Deduct	*-803.08*	
		For Class 54 Rating, Add	*1,105.82*	
		For Class 55 Rating, Add	*1,649.48*	
		For Class 56 Rating, Add	*2,185.84*	
40 05 19 00-2220	EA	10" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,432.44	593.07
		For Class 52 Rating, Deduct	*-828.72*	
		For Class 54 Rating, Add	*1,140.86*	
		For Class 55 Rating, Add	*1,701.61*	
		For Class 56 Rating, Add	*2,254.83*	
40 05 19 00-2221	EA	10" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,672.11	597.43
		For Class 52 Rating, Deduct	*-854.36*	
		For Class 54 Rating, Add	*1,175.90*	
		For Class 55 Rating, Add	*1,753.75*	
		For Class 56 Rating, Add	*2,323.83*	
40 05 19 00-2222	EA	10" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,911.79	601.79
		For Class 52 Rating, Deduct	*-880.00*	
		For Class 54 Rating, Add	*1,210.94*	
		For Class 55 Rating, Add	*1,805.88*	
		For Class 56 Rating, Add	*2,392.82*	
40 05 19 00-2223	EA	10" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,151.47	606.15
		For Class 52 Rating, Deduct	*-905.64*	
		For Class 54 Rating, Add	*1,245.98*	
		For Class 55 Rating, Add	*1,858.01*	
		For Class 56 Rating, Add	*2,461.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2224	EA	10" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,391.15	610.52
		For Class 52 Rating, Deduct	*-931.27*	
		For Class 54 Rating, Add	*1,281.02*	
		For Class 55 Rating, Add	*1,910.15*	
		For Class 56 Rating, Add	*2,530.81*	
40 05 19 00-2225	EA	10" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,630.82	614.87
		For Class 52 Rating, Deduct	*-956.91*	
		For Class 54 Rating, Add	*1,316.06*	
		For Class 55 Rating, Add	*1,962.28*	
		For Class 56 Rating, Add	*2,599.80*	
40 05 19 00-2226	EA	10" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,870.50	619.24
		For Class 52 Rating, Deduct	*-982.55*	
		For Class 54 Rating, Add	*1,351.10*	
		For Class 55 Rating, Add	*2,014.41*	
		For Class 56 Rating, Add	*2,668.80*	
40 05 19 00-2227	EA	10" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,110.18	623.59
		For Class 52 Rating, Deduct	*-1,008.19*	
		For Class 54 Rating, Add	*1,386.14*	
		For Class 55 Rating, Add	*2,066.55*	
		For Class 56 Rating, Add	*2,737.79*	
40 05 19 00-2228	EA	10" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,349.86	627.96
		For Class 52 Rating, Deduct	*-1,033.83*	
		For Class 54 Rating, Add	*1,421.18*	
		For Class 55 Rating, Add	*2,118.68*	
		For Class 56 Rating, Add	*2,806.78*	
40 05 19 00-2229	EA	10" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,589.54	632.32
		For Class 52 Rating, Deduct	*-1,059.46*	
		For Class 54 Rating, Add	*1,456.22*	
		For Class 55 Rating, Add	*2,170.81*	
		For Class 56 Rating, Add	*2,875.78*	
40 05 19 00-2230	EA	10" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,829.21	636.68
		For Class 52 Rating, Deduct	*-1,085.10*	
		For Class 54 Rating, Add	*1,491.26*	
		For Class 55 Rating, Add	*2,222.95*	
		For Class 56 Rating, Add	*2,944.77*	
40 05 19 00-2231	EA	10" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,068.89	641.04
		For Class 52 Rating, Deduct	*-1,110.74*	
		For Class 54 Rating, Add	*1,526.30*	
		For Class 55 Rating, Add	*2,275.08*	
		For Class 56 Rating, Add	*3,013.76*	
40 05 19 00-2232	EA	10" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,308.57	645.40
		For Class 52 Rating, Deduct	*-1,136.38*	
		For Class 54 Rating, Add	*1,561.34*	
		For Class 55 Rating, Add	*2,327.21*	
		For Class 56 Rating, Add	*3,082.76*	
40 05 19 00-2233	EA	10" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,548.25	649.76
		For Class 52 Rating, Deduct	*-1,162.01*	
		For Class 54 Rating, Add	*1,596.38*	
		For Class 55 Rating, Add	*2,379.35*	
		For Class 56 Rating, Add	*3,151.75*	
40 05 19 00-2234	EA	10" Flanged (FxF), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,787.92	654.13
		For Class 52 Rating, Deduct	*-1,187.65*	
		For Class 54 Rating, Add	*1,631.42*	
		For Class 55 Rating, Add	*2,431.48*	
		For Class 56 Rating, Add	*3,220.74*	

40 05 19 00-2235 12" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*

40 05 19 00-2236	EA	12" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,507.70	610.52
		For Class 52 Rating, Deduct	*-284.09*	
		For Class 54 Rating, Add	*398.50*	
		For Class 55 Rating, Add	*598.14*	
		For Class 56 Rating, Add	*795.19*	
40 05 19 00-2237	EA	12" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,804.06	614.87
		For Class 52 Rating, Deduct	*-315.97*	
		For Class 54 Rating, Add	*442.05*	
		For Class 55 Rating, Add	*662.91*	
		For Class 56 Rating, Add	*880.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2238	EA	12" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,100.43	619.24
		For Class 52 Rating, Deduct	*-347.84*	
		For Class 54 Rating, Add	*485.59*	
		For Class 55 Rating, Add	*727.69*	
		For Class 56 Rating, Add	*966.63*	
40 05 19 00-2239	EA	12" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,396.80	623.59
		For Class 52 Rating, Deduct	*-379.72*	
		For Class 54 Rating, Add	*529.13*	
		For Class 55 Rating, Add	*792.46*	
		For Class 56 Rating, Add	*1,052.34*	
40 05 19 00-2240	EA	12" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,693.17	627.96
		For Class 52 Rating, Deduct	*-411.59*	
		For Class 54 Rating, Add	*572.68*	
		For Class 55 Rating, Add	*857.24*	
		For Class 56 Rating, Add	*1,138.06*	
40 05 19 00-2241	EA	12" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,989.55	632.32
		For Class 52 Rating, Deduct	*-443.46*	
		For Class 54 Rating, Add	*616.22*	
		For Class 55 Rating, Add	*922.02*	
		For Class 56 Rating, Add	*1,223.78*	
40 05 19 00-2242	EA	12" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,285.91	636.68
		For Class 52 Rating, Deduct	*-475.34*	
		For Class 54 Rating, Add	*659.76*	
		For Class 55 Rating, Add	*986.79*	
		For Class 56 Rating, Add	*1,309.50*	
40 05 19 00-2243	EA	12" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,582.28	641.04
		For Class 52 Rating, Deduct	*-507.21*	
		For Class 54 Rating, Add	*703.31*	
		For Class 55 Rating, Add	*1,051.57*	
		For Class 56 Rating, Add	*1,395.21*	
40 05 19 00-2244	EA	12" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,878.66	645.40
		For Class 52 Rating, Deduct	*-539.09*	
		For Class 54 Rating, Add	*746.85*	
		For Class 55 Rating, Add	*1,116.34*	
		For Class 56 Rating, Add	*1,480.93*	
40 05 19 00-2245	EA	12" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,175.03	649.76
		For Class 52 Rating, Deduct	*-570.96*	
		For Class 54 Rating, Add	*790.39*	
		For Class 55 Rating, Add	*1,181.12*	
		For Class 56 Rating, Add	*1,566.65*	
40 05 19 00-2246	EA	12" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,471.39	654.13
		For Class 52 Rating, Deduct	*-602.83*	
		For Class 54 Rating, Add	*833.94*	
		For Class 55 Rating, Add	*1,245.89*	
		For Class 56 Rating, Add	*1,652.37*	
40 05 19 00-2247	EA	12" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,767.77	658.48
		For Class 52 Rating, Deduct	*-634.71*	
		For Class 54 Rating, Add	*877.48*	
		For Class 55 Rating, Add	*1,310.67*	
		For Class 56 Rating, Add	*1,738.09*	
40 05 19 00-2248	EA	12" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,064.14	662.85
		For Class 52 Rating, Deduct	*-666.58*	
		For Class 54 Rating, Add	*921.03*	
		For Class 55 Rating, Add	*1,375.45*	
		For Class 56 Rating, Add	*1,823.81*	
40 05 19 00-2249	EA	12" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,360.51	667.20
		For Class 52 Rating, Deduct	*-698.45*	
		For Class 54 Rating, Add	*964.57*	
		For Class 55 Rating, Add	*1,440.22*	
		For Class 56 Rating, Add	*1,909.52*	
40 05 19 00-2250	EA	12" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,656.89	671.57
		For Class 52 Rating, Deduct	*-730.33*	
		For Class 54 Rating, Add	*1,008.11*	
		For Class 55 Rating, Add	*1,505.00*	
		For Class 56 Rating, Add	*1,995.24*	
40 05 19 00-2251	EA	12" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,953.25	675.93
		For Class 52 Rating, Deduct	*-762.20*	
		For Class 54 Rating, Add	*1,051.66*	
		For Class 55 Rating, Add	*1,569.77*	
		For Class 56 Rating, Add	*2,080.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2252	EA	12" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,249.62	680.29
		For Class 52 Rating, Deduct	*-794.08*	
		For Class 54 Rating, Add	*1,095.20*	
		For Class 55 Rating, Add	*1,634.55*	
		For Class 56 Rating, Add	*2,166.68*	
40 05 19 00-2253	EA	12" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,546.00	684.65
		For Class 52 Rating, Deduct	*-825.95*	
		For Class 54 Rating, Add	*1,138.75*	
		For Class 55 Rating, Add	*1,699.33*	
		For Class 56 Rating, Add	*2,252.40*	
40 05 19 00-2254	EA	12" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,842.37	689.01
		For Class 52 Rating, Deduct	*-857.83*	
		For Class 54 Rating, Add	*1,182.29*	
		For Class 55 Rating, Add	*1,764.10*	
		For Class 56 Rating, Add	*2,338.11*	
40 05 19 00-2255	EA	12" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,138.74	693.37
		For Class 52 Rating, Deduct	*-889.70*	
		For Class 54 Rating, Add	*1,225.83*	
		For Class 55 Rating, Add	*1,828.88*	
		For Class 56 Rating, Add	*2,423.83*	
40 05 19 00-2256	EA	12" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,435.10	697.74
		For Class 52 Rating, Deduct	*-921.57*	
		For Class 54 Rating, Add	*1,269.38*	
		For Class 55 Rating, Add	*1,893.65*	
		For Class 56 Rating, Add	*2,509.55*	
40 05 19 00-2257	EA	12" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,731.47	702.09
		For Class 52 Rating, Deduct	*-953.45*	
		For Class 54 Rating, Add	*1,312.92*	
		For Class 55 Rating, Add	*1,958.43*	
		For Class 56 Rating, Add	*2,595.27*	
40 05 19 00-2258	EA	12" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,027.84	706.46
		For Class 52 Rating, Deduct	*-985.32*	
		For Class 54 Rating, Add	*1,356.46*	
		For Class 55 Rating, Add	*2,023.20*	
		For Class 56 Rating, Add	*2,680.98*	
40 05 19 00-2259	EA	12" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,324.22	710.81
		For Class 52 Rating, Deduct	*-1,017.20*	
		For Class 54 Rating, Add	*1,400.01*	
		For Class 55 Rating, Add	*2,087.98*	
		For Class 56 Rating, Add	*2,766.70*	
40 05 19 00-2260	EA	12" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,617.43	715.17
		For Class 52 Rating, Deduct	*-1,048.72*	
		For Class 54 Rating, Add	*1,443.08*	
		For Class 55 Rating, Add	*2,152.05*	
		For Class 56 Rating, Add	*2,851.49*	
40 05 19 00-2261	EA	12" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,916.95	719.53
		For Class 52 Rating, Deduct	*-1,080.94*	
		For Class 54 Rating, Add	*1,487.09*	
		For Class 55 Rating, Add	*2,217.53*	
		For Class 56 Rating, Add	*2,938.14*	
40 05 19 00-2262	EA	12" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,213.33	723.89
		For Class 52 Rating, Deduct	*-1,112.82*	
		For Class 54 Rating, Add	*1,530.64*	
		For Class 55 Rating, Add	*2,282.31*	
		For Class 56 Rating, Add	*3,023.86*	
40 05 19 00-2263	EA	12" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,509.70	728.26
		For Class 52 Rating, Deduct	*-1,144.69*	
		For Class 54 Rating, Add	*1,574.18*	
		For Class 55 Rating, Add	*2,347.08*	
		For Class 56 Rating, Add	*3,109.58*	
40 05 19 00-2264	EA	12" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,806.07	732.61
		For Class 52 Rating, Deduct	*-1,176.56*	
		For Class 54 Rating, Add	*1,617.73*	
		For Class 55 Rating, Add	*2,411.86*	
		For Class 56 Rating, Add	*3,195.29*	
40 05 19 00-2265	EA	12" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,102.43	736.98
		For Class 52 Rating, Deduct	*-1,208.44*	
		For Class 54 Rating, Add	*1,661.27*	
		For Class 55 Rating, Add	*2,476.63*	
		For Class 56 Rating, Add	*3,281.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2266	EA	12" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,398.81	741.33
		For Class 52 Rating, Deduct	*-1,240.31*	
		For Class 54 Rating, Add	*1,704.81*	
		For Class 55 Rating, Add	*2,541.41*	
		For Class 56 Rating, Add	*3,366.73*	
40 05 19 00-2267	EA	12" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,695.18	745.70
		For Class 52 Rating, Deduct	*-1,272.19*	
		For Class 54 Rating, Add	*1,748.36*	
		For Class 55 Rating, Add	*2,606.18*	
		For Class 56 Rating, Add	*3,452.45*	
40 05 19 00-2268	EA	12" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,991.55	750.06
		For Class 52 Rating, Deduct	*-1,304.06*	
		For Class 54 Rating, Add	*1,791.90*	
		For Class 55 Rating, Add	*2,670.96*	
		For Class 56 Rating, Add	*3,538.16*	
40 05 19 00-2269	EA	12" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,287.93	754.42
		For Class 52 Rating, Deduct	*-1,335.93*	
		For Class 54 Rating, Add	*1,835.45*	
		For Class 55 Rating, Add	*2,735.74*	
		For Class 56 Rating, Add	*3,623.88*	
40 05 19 00-2270	EA	12" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,584.29	758.78
		For Class 52 Rating, Deduct	*-1,367.81*	
		For Class 54 Rating, Add	*1,878.99*	
		For Class 55 Rating, Add	*2,800.51*	
		For Class 56 Rating, Add	*3,709.60*	
40 05 19 00-2271	EA	12" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,880.66	763.14
		For Class 52 Rating, Deduct	*-1,399.68*	
		For Class 54 Rating, Add	*1,922.53*	
		For Class 55 Rating, Add	*2,865.29*	
		For Class 56 Rating, Add	*3,795.32*	
40 05 19 00-2272	EA	12" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,177.04	767.50
		For Class 52 Rating, Deduct	*-1,431.56*	
		For Class 54 Rating, Add	*1,966.08*	
		For Class 55 Rating, Add	*2,930.06*	
		For Class 56 Rating, Add	*3,881.04*	
40 05 19 00-2273	EA	12" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,473.41	771.87
		For Class 52 Rating, Deduct	*-1,463.43*	
		For Class 54 Rating, Add	*2,009.62*	
		For Class 55 Rating, Add	*2,994.84*	
		For Class 56 Rating, Add	*3,966.76*	
40 05 19 00-2274	EA	12" Flanged (FxF), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,769.76	776.22
		For Class 52 Rating, Deduct	*-1,495.30*	
		For Class 54 Rating, Add	*2,053.16*	
		For Class 55 Rating, Add	*3,059.61*	
		For Class 56 Rating, Add	*4,052.47*	

40 05 19 00-2275 14" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*

40 05 19 00-2276	EA	14" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,703.72	732.61
		For Class 52 Rating, Deduct	*-395.31*	
		For Class 54 Rating, Add	*552.37*	
		For Class 55 Rating, Add	*828.03*	
		For Class 56 Rating, Add	*1,100.10*	
40 05 19 00-2277	EA	14" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,063.08	736.98
		For Class 52 Rating, Deduct	*-434.11*	
		For Class 54 Rating, Add	*605.37*	
		For Class 55 Rating, Add	*906.86*	
		For Class 56 Rating, Add	*1,204.40*	
40 05 19 00-2278	EA	14" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,422.44	741.33
		For Class 52 Rating, Deduct	*-472.91*	
		For Class 54 Rating, Add	*658.36*	
		For Class 55 Rating, Add	*985.68*	
		For Class 56 Rating, Add	*1,308.70*	
40 05 19 00-2279	EA	14" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,781.81	745.70
		For Class 52 Rating, Deduct	*-511.72*	
		For Class 54 Rating, Add	*711.35*	
		For Class 55 Rating, Add	*1,064.50*	
		For Class 56 Rating, Add	*1,413.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2280	EA	14" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,141.17	750.06
		For Class 52 Rating, Deduct	*-550.52*	
		For Class 54 Rating, Add	*764.34*	
		For Class 55 Rating, Add	*1,143.33*	
		For Class 56 Rating, Add	*1,517.30*	
40 05 19 00-2281	EA	14" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,500.54	754.42
		For Class 52 Rating, Deduct	*-589.32*	
		For Class 54 Rating, Add	*817.34*	
		For Class 55 Rating, Add	*1,222.15*	
		For Class 56 Rating, Add	*1,621.60*	
40 05 19 00-2282	EA	14" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,859.89	758.78
		For Class 52 Rating, Deduct	*-628.12*	
		For Class 54 Rating, Add	*870.33*	
		For Class 55 Rating, Add	*1,300.97*	
		For Class 56 Rating, Add	*1,725.90*	
40 05 19 00-2283	EA	14" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,219.26	763.14
		For Class 52 Rating, Deduct	*-666.93*	
		For Class 54 Rating, Add	*923.32*	
		For Class 55 Rating, Add	*1,379.80*	
		For Class 56 Rating, Add	*1,830.21*	
40 05 19 00-2284	EA	14" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,578.63	767.50
		For Class 52 Rating, Deduct	*-705.73*	
		For Class 54 Rating, Add	*976.32*	
		For Class 55 Rating, Add	*1,458.62*	
		For Class 56 Rating, Add	*1,934.51*	
40 05 19 00-2285	EA	14" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,937.99	771.87
		For Class 52 Rating, Deduct	*-744.53*	
		For Class 54 Rating, Add	*1,029.31*	
		For Class 55 Rating, Add	*1,537.44*	
		For Class 56 Rating, Add	*2,038.81*	
40 05 19 00-2286	EA	14" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,297.34	776.22
		For Class 52 Rating, Deduct	*-783.34*	
		For Class 54 Rating, Add	*1,082.30*	
		For Class 55 Rating, Add	*1,616.26*	
		For Class 56 Rating, Add	*2,143.11*	
40 05 19 00-2287	EA	14" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,656.70	780.59
		For Class 52 Rating, Deduct	*-822.14*	
		For Class 54 Rating, Add	*1,135.29*	
		For Class 55 Rating, Add	*1,695.09*	
		For Class 56 Rating, Add	*2,247.41*	
40 05 19 00-2288	EA	14" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,016.07	784.94
		For Class 52 Rating, Deduct	*-860.94*	
		For Class 54 Rating, Add	*1,188.29*	
		For Class 55 Rating, Add	*1,773.91*	
		For Class 56 Rating, Add	*2,351.71*	
40 05 19 00-2289	EA	14" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,375.43	789.31
		For Class 52 Rating, Deduct	*-899.75*	
		For Class 54 Rating, Add	*1,241.28*	
		For Class 55 Rating, Add	*1,852.73*	
		For Class 56 Rating, Add	*2,456.01*	
40 05 19 00-2290	EA	14" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,734.80	793.67
		For Class 52 Rating, Deduct	*-938.55*	
		For Class 54 Rating, Add	*1,294.27*	
		For Class 55 Rating, Add	*1,931.56*	
		For Class 56 Rating, Add	*2,560.31*	
40 05 19 00-2291	EA	14" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,094.15	798.03
		For Class 52 Rating, Deduct	*-977.35*	
		For Class 54 Rating, Add	*1,347.26*	
		For Class 55 Rating, Add	*2,010.38*	
		For Class 56 Rating, Add	*2,664.61*	
40 05 19 00-2292	EA	14" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,453.52	802.39
		For Class 52 Rating, Deduct	*-1,016.16*	
		For Class 54 Rating, Add	*1,400.26*	
		For Class 55 Rating, Add	*2,089.20*	
		For Class 56 Rating, Add	*2,768.91*	
40 05 19 00-2293	EA	14" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,812.88	806.75
		For Class 52 Rating, Deduct	*-1,054.96*	
		For Class 54 Rating, Add	*1,453.25*	
		For Class 55 Rating, Add	*2,168.02*	
		For Class 56 Rating, Add	*2,873.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2294	EA	14" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,172.25	811.11
		For Class 52 Rating, Deduct	*-1,093.76*	
		For Class 54 Rating, Add	*1,506.24*	
		For Class 55 Rating, Add	*2,246.85*	
		For Class 56 Rating, Add	*2,977.51*	
40 05 19 00-2295	EA	14" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,531.60	815.48
		For Class 52 Rating, Deduct	*-1,132.56*	
		For Class 54 Rating, Add	*1,559.23*	
		For Class 55 Rating, Add	*2,325.67*	
		For Class 56 Rating, Add	*3,081.81*	
40 05 19 00-2296	EA	14" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,890.97	819.83
		For Class 52 Rating, Deduct	*-1,171.37*	
		For Class 54 Rating, Add	*1,612.23*	
		For Class 55 Rating, Add	*2,404.49*	
		For Class 56 Rating, Add	*3,186.11*	
40 05 19 00-2297	EA	14" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,250.33	824.20
		For Class 52 Rating, Deduct	*-1,210.17*	
		For Class 54 Rating, Add	*1,665.22*	
		For Class 55 Rating, Add	*2,483.32*	
		For Class 56 Rating, Add	*3,290.41*	
40 05 19 00-2298	EA	14" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,609.70	828.55
		For Class 52 Rating, Deduct	*-1,248.97*	
		For Class 54 Rating, Add	*1,718.21*	
		For Class 55 Rating, Add	*2,562.14*	
		For Class 56 Rating, Add	*3,394.72*	
40 05 19 00-2299	EA	14" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,969.06	832.92
		For Class 52 Rating, Deduct	*-1,287.78*	
		For Class 54 Rating, Add	*1,771.20*	
		For Class 55 Rating, Add	*2,640.96*	
		For Class 56 Rating, Add	*3,499.01*	
40 05 19 00-2300	EA	14" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,328.42	837.28
		For Class 52 Rating, Deduct	*-1,326.58*	
		For Class 54 Rating, Add	*1,824.20*	
		For Class 55 Rating, Add	*2,719.79*	
		For Class 56 Rating, Add	*3,603.32*	
40 05 19 00-2301	EA	14" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,687.78	841.64
		For Class 52 Rating, Deduct	*-1,365.38*	
		For Class 54 Rating, Add	*1,877.19*	
		For Class 55 Rating, Add	*2,798.61*	
		For Class 56 Rating, Add	*3,707.62*	
40 05 19 00-2302	EA	14" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,047.15	846.00
		For Class 52 Rating, Deduct	*-1,404.19*	
		For Class 54 Rating, Add	*1,930.18*	
		For Class 55 Rating, Add	*2,877.43*	
		For Class 56 Rating, Add	*3,811.92*	
40 05 19 00-2303	EA	14" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,406.51	850.36
		For Class 52 Rating, Deduct	*-1,442.99*	
		For Class 54 Rating, Add	*1,983.17*	
		For Class 55 Rating, Add	*2,956.25*	
		For Class 56 Rating, Add	*3,916.22*	
40 05 19 00-2304	EA	14" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,765.88	854.72
		For Class 52 Rating, Deduct	*-1,481.79*	
		For Class 54 Rating, Add	*2,036.17*	
		For Class 55 Rating, Add	*3,035.08*	
		For Class 56 Rating, Add	*4,020.52*	
40 05 19 00-2305	EA	14" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,125.22	859.08
		For Class 52 Rating, Deduct	*-1,520.59*	
		For Class 54 Rating, Add	*2,089.16*	
		For Class 55 Rating, Add	*3,113.90*	
		For Class 56 Rating, Add	*4,124.82*	
40 05 19 00-2306	EA	14" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,484.59	863.44
		For Class 52 Rating, Deduct	*-1,559.40*	
		For Class 54 Rating, Add	*2,142.15*	
		For Class 55 Rating, Add	*3,192.72*	
		For Class 56 Rating, Add	*4,229.12*	
40 05 19 00-2307	EA	14" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,843.95	867.80
		For Class 52 Rating, Deduct	*-1,598.20*	
		For Class 54 Rating, Add	*2,195.14*	
		For Class 55 Rating, Add	*3,271.55*	
		For Class 56 Rating, Add	*4,333.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2308	EA	14" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,203.32	872.16
		For Class 52 Rating, Deduct	*-1,637.00*	
		For Class 54 Rating, Add	*2,248.14*	
		For Class 55 Rating, Add	*3,350.37*	
		For Class 56 Rating, Add	*4,437.72*	
40 05 19 00-2309	EA	14" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,562.68	876.52
		For Class 52 Rating, Deduct	*-1,675.81*	
		For Class 54 Rating, Add	*2,301.13*	
		For Class 55 Rating, Add	*3,429.19*	
		For Class 56 Rating, Add	*4,542.02*	
40 05 19 00-2310	EA	14" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,922.04	880.89
		For Class 52 Rating, Deduct	*-1,714.61*	
		For Class 54 Rating, Add	*2,354.12*	
		For Class 55 Rating, Add	*3,508.02*	
		For Class 56 Rating, Add	*4,646.32*	
40 05 19 00-2311	EA	14" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,281.41	885.24
		For Class 52 Rating, Deduct	*-1,753.41*	
		For Class 54 Rating, Add	*2,407.11*	
		For Class 55 Rating, Add	*3,586.84*	
		For Class 56 Rating, Add	*4,750.62*	
40 05 19 00-2312	EA	14" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,640.77	889.61
		For Class 52 Rating, Deduct	*-1,792.22*	
		For Class 54 Rating, Add	*2,460.11*	
		For Class 55 Rating, Add	*3,665.66*	
		For Class 56 Rating, Add	*4,854.92*	
40 05 19 00-2313	EA	14" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,000.14	893.96
		For Class 52 Rating, Deduct	*-1,831.02*	
		For Class 54 Rating, Add	*2,513.10*	
		For Class 55 Rating, Add	*3,744.49*	
		For Class 56 Rating, Add	*4,959.23*	

40 05 19 00-2314 16" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*

40 05 19 00-2315	EA	16" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,520.56	837.28
		For Class 52 Rating, Deduct	*-467.72*	
		For Class 54 Rating, Add	*653.02*	
		For Class 55 Rating, Add	*978.63*	
		For Class 56 Rating, Add	*1,300.00*	
40 05 19 00-2316	EA	16" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,936.62	841.64
		For Class 52 Rating, Deduct	*-512.76*	
		For Class 54 Rating, Add	*714.51*	
		For Class 55 Rating, Add	*1,070.10*	
		For Class 56 Rating, Add	*1,421.02*	
40 05 19 00-2317	EA	16" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,352.68	846.00
		For Class 52 Rating, Deduct	*-557.79*	
		For Class 54 Rating, Add	*776.01*	
		For Class 55 Rating, Add	*1,161.57*	
		For Class 56 Rating, Add	*1,542.05*	
40 05 19 00-2318	EA	16" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,768.73	850.36
		For Class 52 Rating, Deduct	*-602.83*	
		For Class 54 Rating, Add	*837.51*	
		For Class 55 Rating, Add	*1,253.03*	
		For Class 56 Rating, Add	*1,663.07*	
40 05 19 00-2319	EA	16" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,184.79	854.72
		For Class 52 Rating, Deduct	*-647.87*	
		For Class 54 Rating, Add	*899.00*	
		For Class 55 Rating, Add	*1,344.50*	
		For Class 56 Rating, Add	*1,784.10*	
40 05 19 00-2320	EA	16" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,600.83	859.08
		For Class 52 Rating, Deduct	*-692.91*	
		For Class 54 Rating, Add	*960.50*	
		For Class 55 Rating, Add	*1,435.96*	
		For Class 56 Rating, Add	*1,905.12*	
40 05 19 00-2321	EA	16" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,016.89	863.44
		For Class 52 Rating, Deduct	*-737.95*	
		For Class 54 Rating, Add	*1,022.00*	
		For Class 55 Rating, Add	*1,527.43*	
		For Class 56 Rating, Add	*2,026.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2322	EA	16" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,432.95	867.80
		For Class 52 Rating, Deduct	*-782.99*	
		For Class 54 Rating, Add	*1,083.49*	
		For Class 55 Rating, Add	*1,618.89*	
		For Class 56 Rating, Add	*2,147.17*	
40 05 19 00-2323	EA	16" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,849.00	872.16
		For Class 52 Rating, Deduct	*-828.03*	
		For Class 54 Rating, Add	*1,144.99*	
		For Class 55 Rating, Add	*1,710.36*	
		For Class 56 Rating, Add	*2,268.20*	
40 05 19 00-2324	EA	16" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,265.05	876.52
		For Class 52 Rating, Deduct	*-873.07*	
		For Class 54 Rating, Add	*1,206.49*	
		For Class 55 Rating, Add	*1,801.82*	
		For Class 56 Rating, Add	*2,389.22*	
40 05 19 00-2325	EA	16" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,681.11	880.89
		For Class 52 Rating, Deduct	*-918.11*	
		For Class 54 Rating, Add	*1,267.98*	
		For Class 55 Rating, Add	*1,893.29*	
		For Class 56 Rating, Add	*2,510.25*	
40 05 19 00-2326	EA	16" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,097.17	885.24
		For Class 52 Rating, Deduct	*-963.15*	
		For Class 54 Rating, Add	*1,329.48*	
		For Class 55 Rating, Add	*1,984.75*	
		For Class 56 Rating, Add	*2,631.27*	
40 05 19 00-2327	EA	16" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,513.23	889.61
		For Class 52 Rating, Deduct	*-1,008.19*	
		For Class 54 Rating, Add	*1,390.98*	
		For Class 55 Rating, Add	*2,076.22*	
		For Class 56 Rating, Add	*2,752.30*	
40 05 19 00-2328	EA	16" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,929.28	893.96
		For Class 52 Rating, Deduct	*-1,053.23*	
		For Class 54 Rating, Add	*1,452.47*	
		For Class 55 Rating, Add	*2,167.68*	
		For Class 56 Rating, Add	*2,873.32*	
40 05 19 00-2329	EA	16" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,345.33	898.33
		For Class 52 Rating, Deduct	*-1,098.27*	
		For Class 54 Rating, Add	*1,513.97*	
		For Class 55 Rating, Add	*2,259.15*	
		For Class 56 Rating, Add	*2,994.35*	
40 05 19 00-2330	EA	16" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,761.39	902.69
		For Class 52 Rating, Deduct	*-1,143.30*	
		For Class 54 Rating, Add	*1,575.46*	
		For Class 55 Rating, Add	*2,350.62*	
		For Class 56 Rating, Add	*3,115.37*	
40 05 19 00-2331	EA	16" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,177.45	907.05
		For Class 52 Rating, Deduct	*-1,188.34*	
		For Class 54 Rating, Add	*1,636.96*	
		For Class 55 Rating, Add	*2,442.08*	
		For Class 56 Rating, Add	*3,236.40*	
40 05 19 00-2332	EA	16" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,593.51	911.41
		For Class 52 Rating, Deduct	*-1,233.38*	
		For Class 54 Rating, Add	*1,698.46*	
		For Class 55 Rating, Add	*2,533.55*	
		For Class 56 Rating, Add	*3,357.42*	
40 05 19 00-2333	EA	16" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,009.55	915.77
		For Class 52 Rating, Deduct	*-1,278.42*	
		For Class 54 Rating, Add	*1,759.95*	
		For Class 55 Rating, Add	*2,625.01*	
		For Class 56 Rating, Add	*3,478.45*	
40 05 19 00-2334	EA	16" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,425.61	920.13
		For Class 52 Rating, Deduct	*-1,323.46*	
		For Class 54 Rating, Add	*1,821.45*	
		For Class 55 Rating, Add	*2,716.48*	
		For Class 56 Rating, Add	*3,599.47*	
40 05 19 00-2335	EA	16" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,841.67	924.50
		For Class 52 Rating, Deduct	*-1,368.50*	
		For Class 54 Rating, Add	*1,882.95*	
		For Class 55 Rating, Add	*2,807.94*	
		For Class 56 Rating, Add	*3,720.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2336	EA	16" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,257.73	928.85
		For Class 52 Rating, Deduct	*-1,413.54*	
		For Class 54 Rating, Add	*1,944.44*	
		For Class 55 Rating, Add	*2,899.41*	
		For Class 56 Rating, Add	*3,841.52*	
40 05 19 00-2337	EA	16" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,673.79	933.22
		For Class 52 Rating, Deduct	*-1,458.58*	
		For Class 54 Rating, Add	*2,005.94*	
		For Class 55 Rating, Add	*2,990.88*	
		For Class 56 Rating, Add	*3,962.55*	
40 05 19 00-2338	EA	16" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,089.82	937.57
		For Class 52 Rating, Deduct	*-1,503.62*	
		For Class 54 Rating, Add	*2,067.44*	
		For Class 55 Rating, Add	*3,082.34*	
		For Class 56 Rating, Add	*4,083.57*	
40 05 19 00-2339	EA	16" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,505.88	941.94
		For Class 52 Rating, Deduct	*-1,548.66*	
		For Class 54 Rating, Add	*2,128.93*	
		For Class 55 Rating, Add	*3,173.80*	
		For Class 56 Rating, Add	*4,204.60*	
40 05 19 00-2340	EA	16" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,921.94	946.30
		For Class 52 Rating, Deduct	*-1,593.70*	
		For Class 54 Rating, Add	*2,190.43*	
		For Class 55 Rating, Add	*3,265.27*	
		For Class 56 Rating, Add	*4,325.62*	
40 05 19 00-2341	EA	16" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,338.00	950.66
		For Class 52 Rating, Deduct	*-1,638.74*	
		For Class 54 Rating, Add	*2,251.93*	
		For Class 55 Rating, Add	*3,356.74*	
		For Class 56 Rating, Add	*4,446.65*	
40 05 19 00-2342	EA	16" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,754.06	955.02
		For Class 52 Rating, Deduct	*-1,683.78*	
		For Class 54 Rating, Add	*2,313.42*	
		For Class 55 Rating, Add	*3,448.20*	
		For Class 56 Rating, Add	*4,567.67*	
40 05 19 00-2343	EA	16" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,170.10	959.38
		For Class 52 Rating, Deduct	*-1,728.82*	
		For Class 54 Rating, Add	*2,374.92*	
		For Class 55 Rating, Add	*3,539.67*	
		For Class 56 Rating, Add	*4,688.70*	
40 05 19 00-2344	EA	16" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,586.16	963.74
		For Class 52 Rating, Deduct	*-1,773.85*	
		For Class 54 Rating, Add	*2,436.42*	
		For Class 55 Rating, Add	*3,631.13*	
		For Class 56 Rating, Add	*4,809.72*	
40 05 19 00-2345	EA	16" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,002.22	968.11
		For Class 52 Rating, Deduct	*-1,818.89*	
		For Class 54 Rating, Add	*2,497.91*	
		For Class 55 Rating, Add	*3,722.60*	
		For Class 56 Rating, Add	*4,930.75*	
40 05 19 00-2346	EA	16" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,418.28	972.46
		For Class 52 Rating, Deduct	*-1,863.93*	
		For Class 54 Rating, Add	*2,559.41*	
		For Class 55 Rating, Add	*3,814.06*	
		For Class 56 Rating, Add	*5,051.77*	
40 05 19 00-2347	EA	16" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,834.33	976.83
		For Class 52 Rating, Deduct	*-1,908.97*	
		For Class 54 Rating, Add	*2,620.91*	
		For Class 55 Rating, Add	*3,905.53*	
		For Class 56 Rating, Add	*5,172.80*	
40 05 19 00-2348	EA	16" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,250.38	981.18
		For Class 52 Rating, Deduct	*-1,954.01*	
		For Class 54 Rating, Add	*2,682.40*	
		For Class 55 Rating, Add	*3,996.99*	
		For Class 56 Rating, Add	*5,293.82*	
40 05 19 00-2349	EA	16" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,666.44	985.55
		For Class 52 Rating, Deduct	*-1,999.05*	
		For Class 54 Rating, Add	*2,743.90*	
		For Class 55 Rating, Add	*4,088.46*	
		For Class 56 Rating, Add	*5,414.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2350	EA	16" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,082.50	989.91
		For Class 52 Rating, Deduct	*-2,044.09*	
		For Class 54 Rating, Add	*2,805.39*	
		For Class 55 Rating, Add	*4,179.93*	
		For Class 56 Rating, Add	*5,535.87*	
40 05 19 00-2351	EA	16" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,498.56	994.27
		For Class 52 Rating, Deduct	*-2,089.13*	
		For Class 54 Rating, Add	*2,866.89*	
		For Class 55 Rating, Add	*4,271.39*	
		For Class 56 Rating, Add	*5,656.90*	
40 05 19 00-2352	EA	16" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,914.61	998.63
		For Class 52 Rating, Deduct	*-2,134.17*	
		For Class 54 Rating, Add	*2,928.39*	
		For Class 55 Rating, Add	*4,362.86*	
		For Class 56 Rating, Add	*5,777.92*	

40 05 19 00-2353 18" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*

40 05 19 00-2354	EA	18" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,437.68	943.68
		For Class 52 Rating, Deduct	*-550.86*	
		For Class 54 Rating, Add	*768.34*	
		For Class 55 Rating, Add	*1,151.07*	
		For Class 56 Rating, Add	*1,528.79*	
40 05 19 00-2355	EA	18" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,916.72	948.04
		For Class 52 Rating, Deduct	*-602.83*	
		For Class 54 Rating, Add	*839.28*	
		For Class 55 Rating, Add	*1,256.58*	
		For Class 56 Rating, Add	*1,668.40*	
40 05 19 00-2356	EA	18" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,395.77	952.41
		For Class 52 Rating, Deduct	*-654.80*	
		For Class 54 Rating, Add	*910.23*	
		For Class 55 Rating, Add	*1,362.09*	
		For Class 56 Rating, Add	*1,808.01*	
40 05 19 00-2357	EA	18" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,874.82	956.76
		For Class 52 Rating, Deduct	*-706.77*	
		For Class 54 Rating, Add	*981.17*	
		For Class 55 Rating, Add	*1,467.61*	
		For Class 56 Rating, Add	*1,947.62*	
40 05 19 00-2358	EA	18" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,353.87	961.13
		For Class 52 Rating, Deduct	*-758.74*	
		For Class 54 Rating, Add	*1,052.12*	
		For Class 55 Rating, Add	*1,573.12*	
		For Class 56 Rating, Add	*2,087.22*	
40 05 19 00-2359	EA	18" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,832.92	965.48
		For Class 52 Rating, Deduct	*-810.71*	
		For Class 54 Rating, Add	*1,123.06*	
		For Class 55 Rating, Add	*1,678.63*	
		For Class 56 Rating, Add	*2,226.83*	
40 05 19 00-2360	EA	18" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,311.96	969.85
		For Class 52 Rating, Deduct	*-862.68*	
		For Class 54 Rating, Add	*1,194.01*	
		For Class 55 Rating, Add	*1,784.14*	
		For Class 56 Rating, Add	*2,366.44*	
40 05 19 00-2361	EA	18" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,791.01	974.21
		For Class 52 Rating, Deduct	*-914.64*	
		For Class 54 Rating, Add	*1,264.95*	
		For Class 55 Rating, Add	*1,889.66*	
		For Class 56 Rating, Add	*2,506.05*	
40 05 19 00-2362	EA	18" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,270.06	978.57
		For Class 52 Rating, Deduct	*-966.61*	
		For Class 54 Rating, Add	*1,335.90*	
		For Class 55 Rating, Add	*1,995.17*	
		For Class 56 Rating, Add	*2,645.65*	
40 05 19 00-2363	EA	18" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,749.11	982.93
		For Class 52 Rating, Deduct	*-1,018.58*	
		For Class 54 Rating, Add	*1,406.84*	
		For Class 55 Rating, Add	*2,100.68*	
		For Class 56 Rating, Add	*2,785.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2364	EA	18" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,228.16	987.29
		For Class 52 Rating, Deduct	*-1,070.55*	
		For Class 54 Rating, Add	*1,477.79*	
		For Class 55 Rating, Add	*2,206.20*	
		For Class 56 Rating, Add	*2,924.87*	
40 05 19 00-2365	EA	18" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,707.20	991.65
		For Class 52 Rating, Deduct	*-1,122.52*	
		For Class 54 Rating, Add	*1,548.74*	
		For Class 55 Rating, Add	*2,311.71*	
		For Class 56 Rating, Add	*3,064.48*	
40 05 19 00-2366	EA	18" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,186.25	996.02
		For Class 52 Rating, Deduct	*-1,174.49*	
		For Class 54 Rating, Add	*1,619.68*	
		For Class 55 Rating, Add	*2,417.22*	
		For Class 56 Rating, Add	*3,204.08*	
40 05 19 00-2367	EA	18" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,665.30	1,000.37
		For Class 52 Rating, Deduct	*-1,226.45*	
		For Class 54 Rating, Add	*1,690.63*	
		For Class 55 Rating, Add	*2,522.73*	
		For Class 56 Rating, Add	*3,343.69*	
40 05 19 00-2368	EA	18" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,144.34	1,004.73
		For Class 52 Rating, Deduct	*-1,278.42*	
		For Class 54 Rating, Add	*1,761.57*	
		For Class 55 Rating, Add	*2,628.25*	
		For Class 56 Rating, Add	*3,483.30*	
40 05 19 00-2369	EA	18" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,623.38	1,009.09
		For Class 52 Rating, Deduct	*-1,330.39*	
		For Class 54 Rating, Add	*1,832.52*	
		For Class 55 Rating, Add	*2,733.76*	
		For Class 56 Rating, Add	*3,622.91*	
40 05 19 00-2370	EA	18" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,102.43	1,013.45
		For Class 52 Rating, Deduct	*-1,382.36*	
		For Class 54 Rating, Add	*1,903.46*	
		For Class 55 Rating, Add	*2,839.27*	
		For Class 56 Rating, Add	*3,762.51*	
40 05 19 00-2371	EA	18" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,581.48	1,017.82
		For Class 52 Rating, Deduct	*-1,434.33*	
		For Class 54 Rating, Add	*1,974.41*	
		For Class 55 Rating, Add	*2,944.78*	
		For Class 56 Rating, Add	*3,902.12*	
40 05 19 00-2372	EA	18" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,060.53	1,022.17
		For Class 52 Rating, Deduct	*-1,486.30*	
		For Class 54 Rating, Add	*2,045.35*	
		For Class 55 Rating, Add	*3,050.30*	
		For Class 56 Rating, Add	*4,041.73*	
40 05 19 00-2373	EA	18" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,539.58	1,026.54
		For Class 52 Rating, Deduct	*-1,538.26*	
		For Class 54 Rating, Add	*2,116.30*	
		For Class 55 Rating, Add	*3,155.81*	
		For Class 56 Rating, Add	*4,181.34*	
40 05 19 00-2374	EA	18" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,018.62	1,030.89
		For Class 52 Rating, Deduct	*-1,590.23*	
		For Class 54 Rating, Add	*2,187.24*	
		For Class 55 Rating, Add	*3,261.32*	
		For Class 56 Rating, Add	*4,320.95*	
40 05 19 00-2375	EA	18" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,497.67	1,035.26
		For Class 52 Rating, Deduct	*-1,642.20*	
		For Class 54 Rating, Add	*2,258.19*	
		For Class 55 Rating, Add	*3,366.83*	
		For Class 56 Rating, Add	*4,460.55*	
40 05 19 00-2376	EA	18" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,976.72	1,039.62
		For Class 52 Rating, Deduct	*-1,694.17*	
		For Class 54 Rating, Add	*2,329.13*	
		For Class 55 Rating, Add	*3,472.35*	
		For Class 56 Rating, Add	*4,600.16*	
40 05 19 00-2377	EA	18" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,455.77	1,043.98
		For Class 52 Rating, Deduct	*-1,746.14*	
		For Class 54 Rating, Add	*2,400.08*	
		For Class 55 Rating, Add	*3,577.86*	
		For Class 56 Rating, Add	*4,739.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2378	EA	18" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,934.82	1,048.34
		For Class 52 Rating, Deduct	*-1,798.11*	
		For Class 54 Rating, Add	*2,471.02*	
		For Class 55 Rating, Add	*3,683.37*	
		For Class 56 Rating, Add	*4,879.38*	
40 05 19 00-2379	EA	18" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,413.86	1,052.70
		For Class 52 Rating, Deduct	*-1,850.07*	
		For Class 54 Rating, Add	*2,541.97*	
		For Class 55 Rating, Add	*3,788.89*	
		For Class 56 Rating, Add	*5,018.98*	
40 05 19 00-2380	EA	18" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,892.91	1,057.06
		For Class 52 Rating, Deduct	*-1,902.04*	
		For Class 54 Rating, Add	*2,612.91*	
		For Class 55 Rating, Add	*3,894.40*	
		For Class 56 Rating, Add	*5,158.59*	
40 05 19 00-2381	EA	18" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,371.96	1,061.42
		For Class 52 Rating, Deduct	*-1,954.01*	
		For Class 54 Rating, Add	*2,683.86*	
		For Class 55 Rating, Add	*3,999.91*	
		For Class 56 Rating, Add	*5,298.20*	
40 05 19 00-2382	EA	18" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,851.01	1,065.78
		For Class 52 Rating, Deduct	*-2,005.98*	
		For Class 54 Rating, Add	*2,754.80*	
		For Class 55 Rating, Add	*4,105.42*	
		For Class 56 Rating, Add	*5,437.81*	
40 05 19 00-2383	EA	18" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,330.05	1,070.15
		For Class 52 Rating, Deduct	*-2,057.95*	
		For Class 54 Rating, Add	*2,825.75*	
		For Class 55 Rating, Add	*4,210.94*	
		For Class 56 Rating, Add	*5,577.41*	
40 05 19 00-2384	EA	18" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,809.10	1,074.50
		For Class 52 Rating, Deduct	*-2,109.92*	
		For Class 54 Rating, Add	*2,896.70*	
		For Class 55 Rating, Add	*4,316.45*	
		For Class 56 Rating, Add	*5,717.02*	
40 05 19 00-2385	EA	18" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,288.15	1,078.87
		For Class 52 Rating, Deduct	*-2,161.89*	
		For Class 54 Rating, Add	*2,967.64*	
		For Class 55 Rating, Add	*4,421.96*	
		For Class 56 Rating, Add	*5,856.63*	
40 05 19 00-2386	EA	18" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,767.20	1,083.22
		For Class 52 Rating, Deduct	*-2,213.85*	
		For Class 54 Rating, Add	*3,038.59*	
		For Class 55 Rating, Add	*4,527.47*	
		For Class 56 Rating, Add	*5,996.24*	
40 05 19 00-2387	EA	18" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,246.24	1,087.59
		For Class 52 Rating, Deduct	*-2,265.82*	
		For Class 54 Rating, Add	*3,109.53*	
		For Class 55 Rating, Add	*4,632.99*	
		For Class 56 Rating, Add	*6,135.85*	
40 05 19 00-2388	EA	18" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,725.28	1,091.95
		For Class 52 Rating, Deduct	*-2,317.79*	
		For Class 54 Rating, Add	*3,180.48*	
		For Class 55 Rating, Add	*4,738.50*	
		For Class 56 Rating, Add	*6,275.45*	
40 05 19 00-2389	EA	18" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,204.33	1,096.31
		For Class 52 Rating, Deduct	*-2,369.76*	
		For Class 54 Rating, Add	*3,251.42*	
		For Class 55 Rating, Add	*4,844.01*	
		For Class 56 Rating, Add	*6,415.06*	
40 05 19 00-2390	EA	18" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,683.38	1,100.67
		For Class 52 Rating, Deduct	*-2,421.73*	
		For Class 54 Rating, Add	*3,322.37*	
		For Class 55 Rating, Add	*4,949.53*	
		For Class 56 Rating, Add	*6,554.67*	
40 05 19 00-2391	EA	18" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,162.43	1,105.03
		For Class 52 Rating, Deduct	*-2,473.70*	
		For Class 54 Rating, Add	*3,393.31*	
		For Class 55 Rating, Add	*5,055.04*	
		For Class 56 Rating, Add	*6,694.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2392		20" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*		
40 05 19 00-2393	EA	20" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,537.50	1,077.12
		For Class 52 Rating, Deduct	*-649.61*	
		For Class 54 Rating, Add	*905.41*	
		For Class 55 Rating, Add	*1,356.09*	
		For Class 56 Rating, Add	*1,800.87*	
40 05 19 00-2394	EA	20" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,082.69	1,081.48
		For Class 52 Rating, Deduct	*-708.85*	
		For Class 54 Rating, Add	*986.28*	
		For Class 55 Rating, Add	*1,476.36*	
		For Class 56 Rating, Add	*1,959.99*	
40 05 19 00-2395	EA	20" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,627.88	1,085.85
		For Class 52 Rating, Deduct	*-768.09*	
		For Class 54 Rating, Add	*1,067.14*	
		For Class 55 Rating, Add	*1,596.62*	
		For Class 56 Rating, Add	*2,119.11*	
40 05 19 00-2396	EA	20" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,173.07	1,090.20
		For Class 52 Rating, Deduct	*-827.34*	
		For Class 54 Rating, Add	*1,148.01*	
		For Class 55 Rating, Add	*1,716.88*	
		For Class 56 Rating, Add	*2,278.23*	
40 05 19 00-2397	EA	20" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,718.27	1,094.57
		For Class 52 Rating, Deduct	*-886.58*	
		For Class 54 Rating, Add	*1,228.88*	
		For Class 55 Rating, Add	*1,837.14*	
		For Class 56 Rating, Add	*2,437.35*	
40 05 19 00-2398	EA	20" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,263.45	1,098.92
		For Class 52 Rating, Deduct	*-945.83*	
		For Class 54 Rating, Add	*1,309.74*	
		For Class 55 Rating, Add	*1,957.41*	
		For Class 56 Rating, Add	*2,596.47*	
40 05 19 00-2399	EA	20" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,808.63	1,103.29
		For Class 52 Rating, Deduct	*-1,005.07*	
		For Class 54 Rating, Add	*1,390.61*	
		For Class 55 Rating, Add	*2,077.67*	
		For Class 56 Rating, Add	*2,755.59*	
40 05 19 00-2400	EA	20" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,353.82	1,107.65
		For Class 52 Rating, Deduct	*-1,064.31*	
		For Class 54 Rating, Add	*1,471.47*	
		For Class 55 Rating, Add	*2,197.93*	
		For Class 56 Rating, Add	*2,914.71*	
40 05 19 00-2401	EA	20" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,899.01	1,112.01
		For Class 52 Rating, Deduct	*-1,123.56*	
		For Class 54 Rating, Add	*1,552.34*	
		For Class 55 Rating, Add	*2,318.19*	
		For Class 56 Rating, Add	*3,073.83*	
40 05 19 00-2402	EA	20" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,444.20	1,116.37
		For Class 52 Rating, Deduct	*-1,182.80*	
		For Class 54 Rating, Add	*1,633.21*	
		For Class 55 Rating, Add	*2,438.45*	
		For Class 56 Rating, Add	*3,232.95*	
40 05 19 00-2403	EA	20" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,989.39	1,120.73
		For Class 52 Rating, Deduct	*-1,242.05*	
		For Class 54 Rating, Add	*1,714.07*	
		For Class 55 Rating, Add	*2,558.72*	
		For Class 56 Rating, Add	*3,392.07*	
40 05 19 00-2404	EA	20" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,534.58	1,125.09
		For Class 52 Rating, Deduct	*-1,301.29*	
		For Class 54 Rating, Add	*1,794.94*	
		For Class 55 Rating, Add	*2,678.98*	
		For Class 56 Rating, Add	*3,551.19*	
40 05 19 00-2405	EA	20" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,079.77	1,129.46
		For Class 52 Rating, Deduct	*-1,360.53*	
		For Class 54 Rating, Add	*1,875.81*	
		For Class 55 Rating, Add	*2,799.24*	
		For Class 56 Rating, Add	*3,710.31*	
40 05 19 00-2406	EA	20" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,624.96	1,133.81
		For Class 52 Rating, Deduct	*-1,419.78*	
		For Class 54 Rating, Add	*1,956.67*	
		For Class 55 Rating, Add	*2,919.50*	
		For Class 56 Rating, Add	*3,869.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2407	EA	20" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,170.14	1,138.18
		For Class 52 Rating, Deduct	*-1,479.02*	
		For Class 54 Rating, Add	*2,037.54*	
		For Class 55 Rating, Add	*3,039.77*	
		For Class 56 Rating, Add	*4,028.55*	
40 05 19 00-2408	EA	20" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,715.33	1,142.53
		For Class 52 Rating, Deduct	*-1,538.26*	
		For Class 54 Rating, Add	*2,118.41*	
		For Class 55 Rating, Add	*3,160.03*	
		For Class 56 Rating, Add	*4,187.66*	
40 05 19 00-2409	EA	20" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,260.53	1,146.89
		For Class 52 Rating, Deduct	*-1,597.51*	
		For Class 54 Rating, Add	*2,199.27*	
		For Class 55 Rating, Add	*3,280.29*	
		For Class 56 Rating, Add	*4,346.79*	
40 05 19 00-2410	EA	20" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,805.72	1,151.26
		For Class 52 Rating, Deduct	*-1,656.75*	
		For Class 54 Rating, Add	*2,280.14*	
		For Class 55 Rating, Add	*3,400.55*	
		For Class 56 Rating, Add	*4,505.91*	
40 05 19 00-2411	EA	20" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,350.91	1,155.61
		For Class 52 Rating, Deduct	*-1,716.00*	
		For Class 54 Rating, Add	*2,361.01*	
		For Class 55 Rating, Add	*3,520.82*	
		For Class 56 Rating, Add	*4,665.02*	
40 05 19 00-2412	EA	20" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,896.09	1,159.98
		For Class 52 Rating, Deduct	*-1,775.24*	
		For Class 54 Rating, Add	*2,441.87*	
		For Class 55 Rating, Add	*3,641.08*	
		For Class 56 Rating, Add	*4,824.14*	
40 05 19 00-2413	EA	20" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,441.28	1,164.33
		For Class 52 Rating, Deduct	*-1,834.48*	
		For Class 54 Rating, Add	*2,522.74*	
		For Class 55 Rating, Add	*3,761.34*	
		For Class 56 Rating, Add	*4,983.26*	
40 05 19 00-2414	EA	20" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,986.47	1,168.70
		For Class 52 Rating, Deduct	*-1,893.73*	
		For Class 54 Rating, Add	*2,603.61*	
		For Class 55 Rating, Add	*3,881.60*	
		For Class 56 Rating, Add	*5,142.38*	
40 05 19 00-2415	EA	20" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,531.67	1,173.06
		For Class 52 Rating, Deduct	*-1,952.97*	
		For Class 54 Rating, Add	*2,684.47*	
		For Class 55 Rating, Add	*4,001.87*	
		For Class 56 Rating, Add	*5,301.50*	
40 05 19 00-2416	EA	20" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,076.85	1,177.42
		For Class 52 Rating, Deduct	*-2,012.22*	
		For Class 54 Rating, Add	*2,765.34*	
		For Class 55 Rating, Add	*4,122.13*	
		For Class 56 Rating, Add	*5,460.62*	
40 05 19 00-2417	EA	20" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,622.04	1,181.78
		For Class 52 Rating, Deduct	*-2,071.46*	
		For Class 54 Rating, Add	*2,846.21*	
		For Class 55 Rating, Add	*4,242.39*	
		For Class 56 Rating, Add	*5,619.74*	
40 05 19 00-2418	EA	20" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,167.22	1,186.14
		For Class 52 Rating, Deduct	*-2,130.70*	
		For Class 54 Rating, Add	*2,927.07*	
		For Class 55 Rating, Add	*4,362.65*	
		For Class 56 Rating, Add	*5,778.86*	
40 05 19 00-2419	EA	20" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,712.41	1,190.50
		For Class 52 Rating, Deduct	*-2,189.95*	
		For Class 54 Rating, Add	*3,007.94*	
		For Class 55 Rating, Add	*4,482.91*	
		For Class 56 Rating, Add	*5,937.98*	
40 05 19 00-2420	EA	20" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,257.60	1,194.87
		For Class 52 Rating, Deduct	*-2,249.19*	
		For Class 54 Rating, Add	*3,088.80*	
		For Class 55 Rating, Add	*4,603.18*	
		For Class 56 Rating, Add	*6,097.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2421	EA	20" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,802.78	1,199.22
		For Class 52 Rating, Deduct	*-2,308.44*	
		For Class 54 Rating, Add	*3,169.67*	
		For Class 55 Rating, Add	*4,723.44*	
		For Class 56 Rating, Add	*6,256.22*	
40 05 19 00-2422	EA	20" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,347.98	1,203.59
		For Class 52 Rating, Deduct	*-2,367.68*	
		For Class 54 Rating, Add	*3,250.54*	
		For Class 55 Rating, Add	*4,843.70*	
		For Class 56 Rating, Add	*6,415.34*	
40 05 19 00-2423	EA	20" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,893.17	1,207.94
		For Class 52 Rating, Deduct	*-2,426.92*	
		For Class 54 Rating, Add	*3,331.41*	
		For Class 55 Rating, Add	*4,963.96*	
		For Class 56 Rating, Add	*6,574.46*	
40 05 19 00-2424	EA	20" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,438.36	1,212.31
		For Class 52 Rating, Deduct	*-2,486.17*	
		For Class 54 Rating, Add	*3,412.27*	
		For Class 55 Rating, Add	*5,084.23*	
		For Class 56 Rating, Add	*6,733.58*	
40 05 19 00-2425	EA	20" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,983.55	1,216.67
		For Class 52 Rating, Deduct	*-2,545.41*	
		For Class 54 Rating, Add	*3,493.14*	
		For Class 55 Rating, Add	*5,204.49*	
		For Class 56 Rating, Add	*6,892.70*	
40 05 19 00-2426	EA	20" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,528.73	1,221.03
		For Class 52 Rating, Deduct	*-2,604.66*	
		For Class 54 Rating, Add	*3,574.00*	
		For Class 55 Rating, Add	*5,324.75*	
		For Class 56 Rating, Add	*7,051.81*	
40 05 19 00-2427	EA	20" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,073.92	1,225.39
		For Class 52 Rating, Deduct	*-2,663.90*	
		For Class 54 Rating, Add	*3,654.87*	
		For Class 55 Rating, Add	*5,445.01*	
		For Class 56 Rating, Add	*7,210.93*	
40 05 19 00-2428	EA	20" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,619.12	1,229.75
		For Class 52 Rating, Deduct	*-2,723.14*	
		For Class 54 Rating, Add	*3,735.74*	
		For Class 55 Rating, Add	*5,565.28*	
		For Class 56 Rating, Add	*7,370.06*	
40 05 19 00-2429	EA	20" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,164.31	1,234.11
		For Class 52 Rating, Deduct	*-2,782.39*	
		For Class 54 Rating, Add	*3,816.60*	
		For Class 55 Rating, Add	*5,685.54*	
		For Class 56 Rating, Add	*7,529.18*	
40 05 19 00-2430	EA	20" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,709.49	1,238.48
		For Class 52 Rating, Deduct	*-2,841.63*	
		For Class 54 Rating, Add	*3,897.47*	
		For Class 55 Rating, Add	*5,805.80*	
		For Class 56 Rating, Add	*7,688.29*	
40 05 19 00-2431		24" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*		
40 05 19 00-2432	EA	24" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,299.39	1,273.36
		For Class 52 Rating, Deduct	*-810.71*	
		For Class 54 Rating, Add	*1,128.66*	
		For Class 55 Rating, Add	*1,689.83*	
		For Class 56 Rating, Add	*2,243.62*	
40 05 19 00-2433	EA	24" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,973.72	1,277.72
		For Class 52 Rating, Deduct	*-884.16*	
		For Class 54 Rating, Add	*1,228.90*	
		For Class 55 Rating, Add	*1,838.89*	
		For Class 56 Rating, Add	*2,440.84*	
40 05 19 00-2434	EA	24" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,648.03	1,282.08
		For Class 52 Rating, Deduct	*-957.60*	
		For Class 54 Rating, Add	*1,329.13*	
		For Class 55 Rating, Add	*1,987.95*	
		For Class 56 Rating, Add	*2,638.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2435	EA	24" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,322.36	1,286.44
		For Class 52 Rating, Deduct	*-1,031.05*	
		For Class 54 Rating, Add	*1,429.37*	
		For Class 55 Rating, Add	*2,137.01*	
		For Class 56 Rating, Add	*2,835.27*	
40 05 19 00-2436	EA	24" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,996.68	1,290.80
		For Class 52 Rating, Deduct	*-1,104.50*	
		For Class 54 Rating, Add	*1,529.61*	
		For Class 55 Rating, Add	*2,286.06*	
		For Class 56 Rating, Add	*3,032.48*	
40 05 19 00-2437	EA	24" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,671.01	1,295.16
		For Class 52 Rating, Deduct	*-1,177.95*	
		For Class 54 Rating, Add	*1,629.84*	
		For Class 55 Rating, Add	*2,435.12*	
		For Class 56 Rating, Add	*3,229.69*	
40 05 19 00-2438	EA	24" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,345.33	1,299.52
		For Class 52 Rating, Deduct	*-1,251.40*	
		For Class 54 Rating, Add	*1,730.08*	
		For Class 55 Rating, Add	*2,584.18*	
		For Class 56 Rating, Add	*3,426.91*	
40 05 19 00-2439	EA	24" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,019.65	1,303.88
		For Class 52 Rating, Deduct	*-1,324.85*	
		For Class 54 Rating, Add	*1,830.32*	
		For Class 55 Rating, Add	*2,733.24*	
		For Class 56 Rating, Add	*3,624.12*	
40 05 19 00-2440	EA	24" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,693.98	1,308.24
		For Class 52 Rating, Deduct	*-1,398.30*	
		For Class 54 Rating, Add	*1,930.55*	
		For Class 55 Rating, Add	*2,882.30*	
		For Class 56 Rating, Add	*3,821.34*	
40 05 19 00-2441	EA	24" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,368.30	1,312.61
		For Class 52 Rating, Deduct	*-1,471.75*	
		For Class 54 Rating, Add	*2,030.79*	
		For Class 55 Rating, Add	*3,031.36*	
		For Class 56 Rating, Add	*4,018.55*	
40 05 19 00-2442	EA	24" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,042.63	1,316.96
		For Class 52 Rating, Deduct	*-1,545.19*	
		For Class 54 Rating, Add	*2,131.03*	
		For Class 55 Rating, Add	*3,180.42*	
		For Class 56 Rating, Add	*4,215.76*	
40 05 19 00-2443	EA	24" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,716.94	1,321.33
		For Class 52 Rating, Deduct	*-1,618.64*	
		For Class 54 Rating, Add	*2,231.26*	
		For Class 55 Rating, Add	*3,329.48*	
		For Class 56 Rating, Add	*4,412.98*	
40 05 19 00-2444	EA	24" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,391.27	1,325.68
		For Class 52 Rating, Deduct	*-1,692.09*	
		For Class 54 Rating, Add	*2,331.50*	
		For Class 55 Rating, Add	*3,478.54*	
		For Class 56 Rating, Add	*4,610.19*	
40 05 19 00-2445	EA	24" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,065.59	1,330.05
		For Class 52 Rating, Deduct	*-1,765.54*	
		For Class 54 Rating, Add	*2,431.74*	
		For Class 55 Rating, Add	*3,627.60*	
		For Class 56 Rating, Add	*4,807.40*	
40 05 19 00-2446	EA	24" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,739.92	1,334.41
		For Class 52 Rating, Deduct	*-1,838.99*	
		For Class 54 Rating, Add	*2,531.97*	
		For Class 55 Rating, Add	*3,776.66*	
		For Class 56 Rating, Add	*5,004.62*	
40 05 19 00-2447	EA	24" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,414.23	1,338.77
		For Class 52 Rating, Deduct	*-1,912.44*	
		For Class 54 Rating, Add	*2,632.21*	
		For Class 55 Rating, Add	*3,925.71*	
		For Class 56 Rating, Add	*5,201.83*	
40 05 19 00-2448	EA	24" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,088.56	1,343.13
		For Class 52 Rating, Deduct	*-1,985.89*	
		For Class 54 Rating, Add	*2,732.45*	
		For Class 55 Rating, Add	*4,074.77*	
		For Class 56 Rating, Add	*5,399.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2449	EA	24" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,762.87	1,347.49
		For Class 52 Rating, Deduct	*-2,059.33*	
		For Class 54 Rating, Add	*2,832.68*	
		For Class 55 Rating, Add	*4,223.83*	
		For Class 56 Rating, Add	*5,596.26*	
40 05 19 00-2450	EA	24" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,437.20	1,351.85
		For Class 52 Rating, Deduct	*-2,132.78*	
		For Class 54 Rating, Add	*2,932.92*	
		For Class 55 Rating, Add	*4,372.89*	
		For Class 56 Rating, Add	*5,793.47*	
40 05 19 00-2451	EA	24" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,111.52	1,356.22
		For Class 52 Rating, Deduct	*-2,206.23*	
		For Class 54 Rating, Add	*3,033.16*	
		For Class 55 Rating, Add	*4,521.95*	
		For Class 56 Rating, Add	*5,990.69*	
40 05 19 00-2452	EA	24" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,785.84	1,360.57
		For Class 52 Rating, Deduct	*-2,279.68*	
		For Class 54 Rating, Add	*3,133.39*	
		For Class 55 Rating, Add	*4,671.01*	
		For Class 56 Rating, Add	*6,187.90*	
40 05 19 00-2453	EA	24" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,460.16	1,364.94
		For Class 52 Rating, Deduct	*-2,353.13*	
		For Class 54 Rating, Add	*3,233.63*	
		For Class 55 Rating, Add	*4,820.07*	
		For Class 56 Rating, Add	*6,385.11*	
40 05 19 00-2454	EA	24" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,134.49	1,369.29
		For Class 52 Rating, Deduct	*-2,426.58*	
		For Class 54 Rating, Add	*3,333.87*	
		For Class 55 Rating, Add	*4,969.13*	
		For Class 56 Rating, Add	*6,582.33*	
40 05 19 00-2455	EA	24" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,808.81	1,373.66
		For Class 52 Rating, Deduct	*-2,500.03*	
		For Class 54 Rating, Add	*3,434.10*	
		For Class 55 Rating, Add	*5,118.19*	
		For Class 56 Rating, Add	*6,779.54*	
40 05 19 00-2456	EA	24" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,483.14	1,378.02
		For Class 52 Rating, Deduct	*-2,573.48*	
		For Class 54 Rating, Add	*3,534.34*	
		For Class 55 Rating, Add	*5,267.25*	
		For Class 56 Rating, Add	*6,976.76*	
40 05 19 00-2457	EA	24" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,157.45	1,382.38
		For Class 52 Rating, Deduct	*-2,646.92*	
		For Class 54 Rating, Add	*3,634.58*	
		For Class 55 Rating, Add	*5,416.30*	
		For Class 56 Rating, Add	*7,173.97*	
40 05 19 00-2458	EA	24" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,831.78	1,386.74
		For Class 52 Rating, Deduct	*-2,720.37*	
		For Class 54 Rating, Add	*3,734.81*	
		For Class 55 Rating, Add	*5,565.36*	
		For Class 56 Rating, Add	*7,371.19*	
40 05 19 00-2459	EA	24" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,506.10	1,391.10
		For Class 52 Rating, Deduct	*-2,793.82*	
		For Class 54 Rating, Add	*3,835.05*	
		For Class 55 Rating, Add	*5,714.42*	
		For Class 56 Rating, Add	*7,568.40*	
40 05 19 00-2460	EA	24" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,180.43	1,395.46
		For Class 52 Rating, Deduct	*-2,867.27*	
		For Class 54 Rating, Add	*3,935.29*	
		For Class 55 Rating, Add	*5,863.48*	
		For Class 56 Rating, Add	*7,765.61*	
40 05 19 00-2461	EA	24" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,967.07	1,473.96
		For Class 52 Rating, Deduct	*-2,940.72*	
		For Class 54 Rating, Add	*4,036.87*	
		For Class 55 Rating, Add	*6,015.24*	
		For Class 56 Rating, Add	*7,966.87*	
40 05 19 00-2462	EA	24" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,641.40	1,478.31
		For Class 52 Rating, Deduct	*-3,014.17*	
		For Class 54 Rating, Add	*4,137.11*	
		For Class 55 Rating, Add	*6,164.30*	
		For Class 56 Rating, Add	*8,164.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2463	EA	24" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,315.72	1,482.68
		For Class 52 Rating, Deduct	*-3,087.62*	
		For Class 54 Rating, Add	*4,237.34*	
		For Class 55 Rating, Add	*6,313.36*	
		For Class 56 Rating, Add	*8,361.30*	
40 05 19 00-2464	EA	24" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,990.04	1,487.04
		For Class 52 Rating, Deduct	*-3,161.06*	
		For Class 54 Rating, Add	*4,337.58*	
		For Class 55 Rating, Add	*6,462.41*	
		For Class 56 Rating, Add	*8,558.51*	
40 05 19 00-2465	EA	24" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,664.37	1,491.40
		For Class 52 Rating, Deduct	*-3,234.51*	
		For Class 54 Rating, Add	*4,437.82*	
		For Class 55 Rating, Add	*6,611.47*	
		For Class 56 Rating, Add	*8,755.73*	
40 05 19 00-2466	EA	24" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,338.69	1,495.76
		For Class 52 Rating, Deduct	*-3,307.96*	
		For Class 54 Rating, Add	*4,538.05*	
		For Class 55 Rating, Add	*6,760.53*	
		For Class 56 Rating, Add	*8,952.94*	
40 05 19 00-2467	EA	24" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,013.01	1,500.12
		For Class 52 Rating, Deduct	*-3,381.41*	
		For Class 54 Rating, Add	*4,638.29*	
		For Class 55 Rating, Add	*6,909.59*	
		For Class 56 Rating, Add	*9,150.15*	
40 05 19 00-2468	EA	24" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,687.33	1,504.48
		For Class 52 Rating, Deduct	*-3,454.86*	
		For Class 54 Rating, Add	*4,738.53*	
		For Class 55 Rating, Add	*7,058.65*	
		For Class 56 Rating, Add	*9,347.37*	
40 05 19 00-2469	EA	24" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,361.66	1,508.85
		For Class 52 Rating, Deduct	*-3,528.31*	
		For Class 54 Rating, Add	*4,838.76*	
		For Class 55 Rating, Add	*7,207.71*	
		For Class 56 Rating, Add	*9,544.58*	

40 05 19 00-2470 30" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*

40 05 19 00-2471	EA	30" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,388.33	1,796.66
		For Class 52 Rating, Deduct	*-1,283.27*	
		For Class 54 Rating, Add	*1,782.58*	
		For Class 55 Rating, Add	*2,666.88*	
		For Class 56 Rating, Add	*3,539.50*	
40 05 19 00-2472	EA	30" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,352.41	1,801.02
		For Class 52 Rating, Deduct	*-1,388.60*	
		For Class 54 Rating, Add	*1,926.29*	
		For Class 55 Rating, Add	*2,880.55*	
		For Class 56 Rating, Add	*3,822.20*	
40 05 19 00-2473	EA	30" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,316.50	1,805.38
		For Class 52 Rating, Deduct	*-1,493.92*	
		For Class 54 Rating, Add	*2,069.99*	
		For Class 55 Rating, Add	*3,094.23*	
		For Class 56 Rating, Add	*4,104.89*	
40 05 19 00-2474	EA	30" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,280.58	1,809.74
		For Class 52 Rating, Deduct	*-1,599.24*	
		For Class 54 Rating, Add	*2,213.69*	
		For Class 55 Rating, Add	*3,307.91*	
		For Class 56 Rating, Add	*4,387.59*	
40 05 19 00-2475	EA	30" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,244.67	1,814.10
		For Class 52 Rating, Deduct	*-1,704.56*	
		For Class 54 Rating, Add	*2,357.39*	
		For Class 55 Rating, Add	*3,521.58*	
		For Class 56 Rating, Add	*4,670.28*	
40 05 19 00-2476	EA	30" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,208.76	1,818.46
		For Class 52 Rating, Deduct	*-1,809.89*	
		For Class 54 Rating, Add	*2,501.09*	
		For Class 55 Rating, Add	*3,735.26*	
		For Class 56 Rating, Add	*4,952.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2477	EA	30" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,172.84	1,822.83
		For Class 52 Rating, Deduct	*-1,915.21*	
		For Class 54 Rating, Add	*2,644.79*	
		For Class 55 Rating, Add	*3,948.94*	
		For Class 56 Rating, Add	*5,235.67*	
40 05 19 00-2478	EA	30" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,136.93	1,827.18
		For Class 52 Rating, Deduct	*-2,020.53*	
		For Class 54 Rating, Add	*2,788.49*	
		For Class 55 Rating, Add	*4,162.61*	
		For Class 56 Rating, Add	*5,518.36*	
40 05 19 00-2479	EA	30" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,101.02	1,831.55
		For Class 52 Rating, Deduct	*-2,125.85*	
		For Class 54 Rating, Add	*2,932.19*	
		For Class 55 Rating, Add	*4,376.29*	
		For Class 56 Rating, Add	*5,801.06*	
40 05 19 00-2480	EA	30" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,065.09	1,835.90
		For Class 52 Rating, Deduct	*-2,231.18*	
		For Class 54 Rating, Add	*3,075.89*	
		For Class 55 Rating, Add	*4,589.96*	
		For Class 56 Rating, Add	*6,083.75*	
40 05 19 00-2481	EA	30" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,029.18	1,840.27
		For Class 52 Rating, Deduct	*-2,336.50*	
		For Class 54 Rating, Add	*3,219.59*	
		For Class 55 Rating, Add	*4,803.64*	
		For Class 56 Rating, Add	*6,366.44*	
40 05 19 00-2482	EA	30" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,993.26	1,844.63
		For Class 52 Rating, Deduct	*-2,441.82*	
		For Class 54 Rating, Add	*3,363.30*	
		For Class 55 Rating, Add	*5,017.32*	
		For Class 56 Rating, Add	*6,649.14*	
40 05 19 00-2483	EA	30" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,957.35	1,848.99
		For Class 52 Rating, Deduct	*-2,547.14*	
		For Class 54 Rating, Add	*3,507.00*	
		For Class 55 Rating, Add	*5,230.99*	
		For Class 56 Rating, Add	*6,931.83*	
40 05 19 00-2484	EA	30" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,921.44	1,853.35
		For Class 52 Rating, Deduct	*-2,652.47*	
		For Class 54 Rating, Add	*3,650.70*	
		For Class 55 Rating, Add	*5,444.67*	
		For Class 56 Rating, Add	*7,214.53*	
40 05 19 00-2485	EA	30" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,885.53	1,857.70
		For Class 52 Rating, Deduct	*-2,757.79*	
		For Class 54 Rating, Add	*3,794.40*	
		For Class 55 Rating, Add	*5,658.35*	
		For Class 56 Rating, Add	*7,497.22*	
40 05 19 00-2486	EA	30" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,849.60	1,862.07
		For Class 52 Rating, Deduct	*-2,863.11*	
		For Class 54 Rating, Add	*3,938.10*	
		For Class 55 Rating, Add	*5,872.02*	
		For Class 56 Rating, Add	*7,779.91*	
40 05 19 00-2487	EA	30" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,813.69	1,866.43
		For Class 52 Rating, Deduct	*-2,968.43*	
		For Class 54 Rating, Add	*4,081.80*	
		For Class 55 Rating, Add	*6,085.70*	
		For Class 56 Rating, Add	*8,062.61*	
40 05 19 00-2488	EA	30" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,777.78	1,870.79
		For Class 52 Rating, Deduct	*-3,073.76*	
		For Class 54 Rating, Add	*4,225.50*	
		For Class 55 Rating, Add	*6,299.37*	
		For Class 56 Rating, Add	*8,345.30*	
40 05 19 00-2489	EA	30" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,741.87	1,875.15
		For Class 52 Rating, Deduct	*-3,179.08*	
		For Class 54 Rating, Add	*4,369.20*	
		For Class 55 Rating, Add	*6,513.05*	
		For Class 56 Rating, Add	*8,628.00*	
40 05 19 00-2490	EA	30" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,705.96	1,879.51
		For Class 52 Rating, Deduct	*-3,284.40*	
		For Class 54 Rating, Add	*4,512.90*	
		For Class 55 Rating, Add	*6,726.73*	
		For Class 56 Rating, Add	*8,910.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2491	EA	30" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,670.04	1,883.87
		For Class 52 Rating, Deduct	*-3,389.73*	
		For Class 54 Rating, Add	*4,656.61*	
		For Class 55 Rating, Add	*6,940.40*	
		For Class 56 Rating, Add	*9,193.39*	
40 05 19 00-2492	EA	30" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,634.12	1,888.23
		For Class 52 Rating, Deduct	*-3,495.05*	
		For Class 54 Rating, Add	*4,800.31*	
		For Class 55 Rating, Add	*7,154.08*	
		For Class 56 Rating, Add	*9,476.08*	
40 05 19 00-2493	EA	30" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,598.21	1,892.59
		For Class 52 Rating, Deduct	*-3,600.37*	
		For Class 54 Rating, Add	*4,944.01*	
		For Class 55 Rating, Add	*7,367.75*	
		For Class 56 Rating, Add	*9,758.77*	
40 05 19 00-2494	EA	30" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,562.30	1,896.96
		For Class 52 Rating, Deduct	*-3,705.69*	
		For Class 54 Rating, Add	*5,087.71*	
		For Class 55 Rating, Add	*7,581.43*	
		For Class 56 Rating, Add	*10,041.47*	
40 05 19 00-2495	EA	30" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,526.39	1,901.31
		For Class 52 Rating, Deduct	*-3,811.02*	
		For Class 54 Rating, Add	*5,231.41*	
		For Class 55 Rating, Add	*7,795.11*	
		For Class 56 Rating, Add	*10,324.16*	
40 05 19 00-2496	EA	30" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	38,490.47	1,905.68
		For Class 52 Rating, Deduct	*-3,916.34*	
		For Class 54 Rating, Add	*5,375.11*	
		For Class 55 Rating, Add	*8,008.78*	
		For Class 56 Rating, Add	*10,606.85*	
40 05 19 00-2497	EA	30" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,454.56	1,910.03
		For Class 52 Rating, Deduct	*-4,021.66*	
		For Class 54 Rating, Add	*5,518.81*	
		For Class 55 Rating, Add	*8,222.46*	
		For Class 56 Rating, Add	*10,889.55*	
40 05 19 00-2498	EA	30" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,418.65	1,914.40
		For Class 52 Rating, Deduct	*-4,126.98*	
		For Class 54 Rating, Add	*5,662.51*	
		For Class 55 Rating, Add	*8,436.14*	
		For Class 56 Rating, Add	*11,172.24*	
40 05 19 00-2499	EA	30" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	41,382.72	1,918.76
		For Class 52 Rating, Deduct	*-4,232.31*	
		For Class 54 Rating, Add	*5,806.21*	
		For Class 55 Rating, Add	*8,649.81*	
		For Class 56 Rating, Add	*11,454.94*	
40 05 19 00-2500	EA	30" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	42,346.80	1,923.12
		For Class 52 Rating, Deduct	*-4,337.63*	
		For Class 54 Rating, Add	*5,949.91*	
		For Class 55 Rating, Add	*8,863.49*	
		For Class 56 Rating, Add	*11,737.63*	
40 05 19 00-2501	EA	30" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	43,310.89	1,927.48
		For Class 52 Rating, Deduct	*-4,442.95*	
		For Class 54 Rating, Add	*6,093.62*	
		For Class 55 Rating, Add	*9,077.16*	
		For Class 56 Rating, Add	*12,020.32*	
40 05 19 00-2502	EA	30" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	44,274.98	1,931.84
		For Class 52 Rating, Deduct	*-4,548.27*	
		For Class 54 Rating, Add	*6,237.32*	
		For Class 55 Rating, Add	*9,290.84*	
		For Class 56 Rating, Add	*12,303.02*	
40 05 19 00-2503	EA	30" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	45,239.07	1,936.20
		For Class 52 Rating, Deduct	*-4,653.60*	
		For Class 54 Rating, Add	*6,381.02*	
		For Class 55 Rating, Add	*9,504.52*	
		For Class 56 Rating, Add	*12,585.71*	
40 05 19 00-2504	EA	30" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	46,203.16	1,940.57
		For Class 52 Rating, Deduct	*-4,758.92*	
		For Class 54 Rating, Add	*6,524.72*	
		For Class 55 Rating, Add	*9,718.19*	
		For Class 56 Rating, Add	*12,868.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2505	EA	30" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	47,167.23	1,944.92
		For Class 52 Rating, Deduct	*-4,864.24*	
		For Class 54 Rating, Add	*6,668.42*	
		For Class 55 Rating, Add	*9,931.87*	
		For Class 56 Rating, Add	*13,151.10*	
40 05 19 00-2506		**36" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe** *(40 05 19 00-2074)*		
40 05 19 00-2507	EA	36" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,082.05	2,276.35
		For Class 52 Rating, Deduct	*-1,829.63*	
		For Class 54 Rating, Add	*2,536.34*	
		For Class 55 Rating, Add	*3,791.94*	
		For Class 56 Rating, Add	*5,030.91*	
40 05 19 00-2508	EA	36" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,373.69	2,280.70
		For Class 52 Rating, Deduct	*-1,970.99*	
		For Class 54 Rating, Add	*2,729.18*	
		For Class 55 Rating, Add	*4,078.66*	
		For Class 56 Rating, Add	*5,410.23*	
40 05 19 00-2509	EA	36" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,665.33	2,285.07
		For Class 52 Rating, Deduct	*-2,112.34*	
		For Class 54 Rating, Add	*2,922.01*	
		For Class 55 Rating, Add	*4,365.39*	
		For Class 56 Rating, Add	*5,789.56*	
40 05 19 00-2510	EA	36" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,956.98	2,289.42
		For Class 52 Rating, Deduct	*-2,253.70*	
		For Class 54 Rating, Add	*3,114.85*	
		For Class 55 Rating, Add	*4,652.11*	
		For Class 56 Rating, Add	*6,168.88*	
40 05 19 00-2511	EA	36" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,248.62	2,293.79
		For Class 52 Rating, Deduct	*-2,395.05*	
		For Class 54 Rating, Add	*3,307.68*	
		For Class 55 Rating, Add	*4,938.83*	
		For Class 56 Rating, Add	*6,548.20*	
40 05 19 00-2512	EA	36" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,540.27	2,298.15
		For Class 52 Rating, Deduct	*-2,536.40*	
		For Class 54 Rating, Add	*3,500.52*	
		For Class 55 Rating, Add	*5,225.55*	
		For Class 56 Rating, Add	*6,927.53*	
40 05 19 00-2513	EA	36" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,831.92	2,302.51
		For Class 52 Rating, Deduct	*-2,677.76*	
		For Class 54 Rating, Add	*3,693.35*	
		For Class 55 Rating, Add	*5,512.27*	
		For Class 56 Rating, Add	*7,306.85*	
40 05 19 00-2514	EA	36" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,123.56	2,306.87
		For Class 52 Rating, Deduct	*-2,819.11*	
		For Class 54 Rating, Add	*3,886.19*	
		For Class 55 Rating, Add	*5,799.00*	
		For Class 56 Rating, Add	*7,686.18*	
40 05 19 00-2515	EA	36" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,415.20	2,311.23
		For Class 52 Rating, Deduct	*-2,960.47*	
		For Class 54 Rating, Add	*4,079.02*	
		For Class 55 Rating, Add	*6,085.72*	
		For Class 56 Rating, Add	*8,065.50*	
40 05 19 00-2516	EA	36" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,706.85	2,315.59
		For Class 52 Rating, Deduct	*-3,101.82*	
		For Class 54 Rating, Add	*4,271.86*	
		For Class 55 Rating, Add	*6,372.44*	
		For Class 56 Rating, Add	*8,444.82*	
40 05 19 00-2517	EA	36" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,998.50	2,319.96
		For Class 52 Rating, Deduct	*-3,243.18*	
		For Class 54 Rating, Add	*4,464.69*	
		For Class 55 Rating, Add	*6,659.16*	
		For Class 56 Rating, Add	*8,824.15*	
40 05 19 00-2518	EA	36" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,290.13	2,324.31
		For Class 52 Rating, Deduct	*-3,384.53*	
		For Class 54 Rating, Add	*4,657.53*	
		For Class 55 Rating, Add	*6,945.88*	
		For Class 56 Rating, Add	*9,203.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2519	EA	36" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,581.77	2,328.68
		For Class 52 Rating, Deduct	*-3,525.88*	
		For Class 54 Rating, Add	*4,850.36*	
		For Class 55 Rating, Add	*7,232.61*	
		For Class 56 Rating, Add	*9,582.80*	
40 05 19 00-2520	EA	36" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,873.42	2,333.03
		For Class 52 Rating, Deduct	*-3,667.24*	
		For Class 54 Rating, Add	*5,043.20*	
		For Class 55 Rating, Add	*7,519.33*	
		For Class 56 Rating, Add	*9,962.12*	
40 05 19 00-2521	EA	36" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	38,165.06	2,337.40
		For Class 52 Rating, Deduct	*-3,808.59*	
		For Class 54 Rating, Add	*5,236.03*	
		For Class 55 Rating, Add	*7,806.05*	
		For Class 56 Rating, Add	*10,341.44*	
40 05 19 00-2522	EA	36" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,456.71	2,341.76
		For Class 52 Rating, Deduct	*-3,949.94*	
		For Class 54 Rating, Add	*5,428.87*	
		For Class 55 Rating, Add	*8,092.77*	
		For Class 56 Rating, Add	*10,720.77*	
40 05 19 00-2523	EA	36" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,748.35	2,346.12
		For Class 52 Rating, Deduct	*-4,091.30*	
		For Class 54 Rating, Add	*5,621.70*	
		For Class 55 Rating, Add	*8,379.49*	
		For Class 56 Rating, Add	*11,100.09*	
40 05 19 00-2524	EA	36" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	42,039.99	2,350.48
		For Class 52 Rating, Deduct	*-4,232.65*	
		For Class 54 Rating, Add	*5,814.53*	
		For Class 55 Rating, Add	*8,666.21*	
		For Class 56 Rating, Add	*11,479.41*	
40 05 19 00-2525	EA	36" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	43,331.64	2,354.84
		For Class 52 Rating, Deduct	*-4,374.01*	
		For Class 54 Rating, Add	*6,007.37*	
		For Class 55 Rating, Add	*8,952.94*	
		For Class 56 Rating, Add	*11,858.74*	
40 05 19 00-2526	EA	36" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	44,623.29	2,359.20
		For Class 52 Rating, Deduct	*-4,515.36*	
		For Class 54 Rating, Add	*6,200.21*	
		For Class 55 Rating, Add	*9,239.66*	
		For Class 56 Rating, Add	*12,238.06*	
40 05 19 00-2527	EA	36" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	45,914.93	2,363.57
		For Class 52 Rating, Deduct	*-4,656.71*	
		For Class 54 Rating, Add	*6,393.04*	
		For Class 55 Rating, Add	*9,526.38*	
		For Class 56 Rating, Add	*12,617.38*	
40 05 19 00-2528	EA	36" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	47,206.57	2,367.92
		For Class 52 Rating, Deduct	*-4,798.07*	
		For Class 54 Rating, Add	*6,585.87*	
		For Class 55 Rating, Add	*9,813.10*	
		For Class 56 Rating, Add	*12,996.71*	
40 05 19 00-2529	EA	36" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	48,498.22	2,372.29
		For Class 52 Rating, Deduct	*-4,939.42*	
		For Class 54 Rating, Add	*6,778.71*	
		For Class 55 Rating, Add	*10,099.82*	
		For Class 56 Rating, Add	*13,376.03*	
40 05 19 00-2530	EA	36" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	49,789.86	2,376.64
		For Class 52 Rating, Deduct	*-5,080.78*	
		For Class 54 Rating, Add	*6,971.54*	
		For Class 55 Rating, Add	*10,386.54*	
		For Class 56 Rating, Add	*13,755.35*	
40 05 19 00-2531	EA	36" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	51,081.51	2,381.01
		For Class 52 Rating, Deduct	*-5,222.13*	
		For Class 54 Rating, Add	*7,164.38*	
		For Class 55 Rating, Add	*10,673.27*	
		For Class 56 Rating, Add	*14,134.68*	
40 05 19 00-2532	EA	36" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	52,373.15	2,385.37
		For Class 52 Rating, Deduct	*-5,363.49*	
		For Class 54 Rating, Add	*7,357.21*	
		For Class 55 Rating, Add	*10,959.99*	
		For Class 56 Rating, Add	*14,514.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2533	EA	36" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	53,664.79	2,389.73
		For Class 52 Rating, Deduct	*-5,504.84*	
		For Class 54 Rating, Add	*7,550.05*	
		For Class 55 Rating, Add	*11,246.71*	
		For Class 56 Rating, Add	*14,893.33*	
40 05 19 00-2534	EA	36" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	54,956.44	2,394.09
		For Class 52 Rating, Deduct	*-5,646.19*	
		For Class 54 Rating, Add	*7,742.88*	
		For Class 55 Rating, Add	*11,533.43*	
		For Class 56 Rating, Add	*15,272.65*	
40 05 19 00-2535	EA	36" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	56,248.09	2,398.45
		For Class 52 Rating, Deduct	*-5,787.55*	
		For Class 54 Rating, Add	*7,935.72*	
		For Class 55 Rating, Add	*11,820.15*	
		For Class 56 Rating, Add	*15,651.98*	
40 05 19 00-2536	EA	36" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	57,539.73	2,402.81
		For Class 52 Rating, Deduct	*-5,928.90*	
		For Class 54 Rating, Add	*8,128.55*	
		For Class 55 Rating, Add	*12,106.87*	
		For Class 56 Rating, Add	*16,031.30*	
40 05 19 00-2537	EA	36" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	58,831.36	2,407.18
		For Class 52 Rating, Deduct	*-6,070.26*	
		For Class 54 Rating, Add	*8,321.39*	
		For Class 55 Rating, Add	*12,393.60*	
		For Class 56 Rating, Add	*16,410.62*	
40 05 19 00-2538	EA	36" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	60,123.01	2,411.53
		For Class 52 Rating, Deduct	*-6,211.61*	
		For Class 54 Rating, Add	*8,514.22*	
		For Class 55 Rating, Add	*12,680.32*	
		For Class 56 Rating, Add	*16,789.95*	
40 05 19 00-2539	EA	36" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	61,414.66	2,415.90
		For Class 52 Rating, Deduct	*-6,352.96*	
		For Class 54 Rating, Add	*8,707.06*	
		For Class 55 Rating, Add	*12,967.04*	
		For Class 56 Rating, Add	*17,169.27*	
40 05 19 00-2540	EA	36" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	62,706.30	2,420.25
		For Class 52 Rating, Deduct	*-6,494.32*	
		For Class 54 Rating, Add	*8,899.89*	
		For Class 55 Rating, Add	*13,253.76*	
		For Class 56 Rating, Add	*17,548.59*	
40 05 19 00-2541	EA	36" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	63,997.95	2,424.62
		For Class 52 Rating, Deduct	*-6,635.67*	
		For Class 54 Rating, Add	*9,092.73*	
		For Class 55 Rating, Add	*13,540.48*	
		For Class 56 Rating, Add	*17,927.92*	

40 05 19 00-2542 42" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*

40 05 19 00-2543	EA	42" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,536.53	2,869.42
		For Class 52 Rating, Deduct	*-2,440.78*	
		For Class 54 Rating, Add	*3,380.51*	
		For Class 55 Rating, Add	*5,052.47*	
		For Class 56 Rating, Add	*6,702.25*	
40 05 19 00-2544	EA	42" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,432.90	2,873.77
		For Class 52 Rating, Deduct	*-2,648.66*	
		For Class 54 Rating, Add	*3,664.05*	
		For Class 55 Rating, Add	*5,474.05*	
		For Class 56 Rating, Add	*7,259.97*	
40 05 19 00-2545	EA	42" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,313.52	2,878.14
		For Class 52 Rating, Deduct	*-2,854.80*	
		For Class 54 Rating, Add	*3,945.23*	
		For Class 55 Rating, Add	*5,892.11*	
		For Class 56 Rating, Add	*7,813.04*	
40 05 19 00-2546	EA	42" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,213.04	2,882.50
		For Class 52 Rating, Deduct	*-3,063.02*	
		For Class 54 Rating, Add	*4,229.25*	
		For Class 55 Rating, Add	*6,314.39*	
		For Class 56 Rating, Add	*8,371.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2547	EA	42" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,099.96	2,886.86
		For Class 52 Rating, Deduct	*-3,269.85*	
		For Class 54 Rating, Add	*4,511.38*	
		For Class 55 Rating, Add	*6,733.86*	
		For Class 56 Rating, Add	*8,926.61*	
40 05 19 00-2548	EA	42" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,005.77	2,891.22
		For Class 52 Rating, Deduct	*-3,478.76*	
		For Class 54 Rating, Add	*4,796.34*	
		For Class 55 Rating, Add	*7,157.54*	
		For Class 56 Rating, Add	*9,487.12*	
40 05 19 00-2549	EA	42" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,892.68	2,895.58
		For Class 52 Rating, Deduct	*-3,685.60*	
		For Class 54 Rating, Add	*5,078.46*	
		For Class 55 Rating, Add	*7,577.01*	
		For Class 56 Rating, Add	*10,042.05*	
40 05 19 00-2550	EA	42" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,801.65	2,899.94
		For Class 52 Rating, Deduct	*-3,894.86*	
		For Class 54 Rating, Add	*5,363.90*	
		For Class 55 Rating, Add	*8,001.39*	
		For Class 56 Rating, Add	*10,603.48*	
40 05 19 00-2551	EA	42" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	41,694.87	2,904.31
		For Class 52 Rating, Deduct	*-4,102.39*	
		For Class 54 Rating, Add	*5,646.97*	
		For Class 55 Rating, Add	*8,422.26*	
		For Class 56 Rating, Add	*11,160.27*	
40 05 19 00-2552	EA	42" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	43,603.83	2,908.66
		For Class 52 Rating, Deduct	*-4,311.64*	
		For Class 54 Rating, Add	*5,932.40*	
		For Class 55 Rating, Add	*8,846.65*	
		For Class 56 Rating, Add	*11,721.70*	
40 05 19 00-2553	EA	42" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	45,497.05	2,913.03
		For Class 52 Rating, Deduct	*-4,519.17*	
		For Class 54 Rating, Add	*6,215.47*	
		For Class 55 Rating, Add	*9,267.52*	
		For Class 56 Rating, Add	*12,278.49*	
40 05 19 00-2554	EA	42" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	47,409.17	2,917.38
		For Class 52 Rating, Deduct	*-4,728.78*	
		For Class 54 Rating, Add	*6,501.38*	
		For Class 55 Rating, Add	*9,692.61*	
		For Class 56 Rating, Add	*12,840.85*	
40 05 19 00-2555	EA	42" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	49,302.39	2,921.75
		For Class 52 Rating, Deduct	*-4,936.31*	
		For Class 54 Rating, Add	*6,784.45*	
		For Class 55 Rating, Add	*10,113.48*	
		For Class 56 Rating, Add	*13,397.64*	
40 05 19 00-2556	EA	42" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	51,201.91	2,926.11
		For Class 52 Rating, Deduct	*-5,144.53*	
		For Class 54 Rating, Add	*7,068.46*	
		For Class 55 Rating, Add	*10,535.76*	
		For Class 56 Rating, Add	*13,956.29*	
40 05 19 00-2557	EA	42" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	53,110.87	2,930.47
		For Class 52 Rating, Deduct	*-5,353.78*	
		For Class 54 Rating, Add	*7,353.90*	
		For Class 55 Rating, Add	*10,960.14*	
		For Class 56 Rating, Add	*14,517.72*	
40 05 19 00-2558	EA	42" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	55,007.24	2,934.83
		For Class 52 Rating, Deduct	*-5,561.66*	
		For Class 54 Rating, Add	*7,637.44*	
		For Class 55 Rating, Add	*11,381.72*	
		For Class 56 Rating, Add	*15,075.44*	
40 05 19 00-2559	EA	42" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	56,925.66	2,939.19
		For Class 52 Rating, Deduct	*-5,771.96*	
		For Class 54 Rating, Add	*7,924.29*	
		For Class 55 Rating, Add	*11,808.21*	
		For Class 56 Rating, Add	*15,639.66*	
40 05 19 00-2560	EA	42" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	58,825.18	2,943.55
		For Class 52 Rating, Deduct	*-5,980.18*	
		For Class 54 Rating, Add	*8,208.31*	
		For Class 55 Rating, Add	*12,230.49*	
		For Class 56 Rating, Add	*16,198.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2561	EA	42" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	60,740.43	2,947.92
		For Class 52 Rating, Deduct	*-6,190.13*	
		For Class 54 Rating, Add	*8,494.68*	
		For Class 55 Rating, Add	*12,656.28*	
		For Class 56 Rating, Add	*16,761.60*	
40 05 19 00-2562	EA	42" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	62,636.80	2,952.27
		For Class 52 Rating, Deduct	*-6,398.00*	
		For Class 54 Rating, Add	*8,778.23*	
		For Class 55 Rating, Add	*13,077.85*	
		For Class 56 Rating, Add	*17,319.31*	
40 05 19 00-2563	EA	42" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	64,558.37	2,956.64
		For Class 52 Rating, Deduct	*-6,608.65*	
		For Class 54 Rating, Add	*9,065.55*	
		For Class 55 Rating, Add	*13,505.05*	
		For Class 56 Rating, Add	*17,884.46*	
40 05 19 00-2564	EA	42" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	66,457.89	2,960.99
		For Class 52 Rating, Deduct	*-6,816.87*	
		For Class 54 Rating, Add	*9,349.57*	
		For Class 55 Rating, Add	*13,927.32*	
		For Class 56 Rating, Add	*18,443.11*	
40 05 19 00-2565	EA	42" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	68,373.16	2,965.36
		For Class 52 Rating, Deduct	*-7,026.82*	
		For Class 54 Rating, Add	*9,635.94*	
		For Class 55 Rating, Add	*14,353.11*	
		For Class 56 Rating, Add	*19,006.40*	
40 05 19 00-2566	EA	42" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	70,272.67	2,969.72
		For Class 52 Rating, Deduct	*-7,235.04*	
		For Class 54 Rating, Add	*9,919.96*	
		For Class 55 Rating, Add	*14,775.39*	
		For Class 56 Rating, Add	*19,565.05*	
40 05 19 00-2567	EA	42" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	72,194.23	2,974.08
		For Class 52 Rating, Deduct	*-7,445.69*	
		For Class 54 Rating, Add	*10,207.28*	
		For Class 55 Rating, Add	*15,202.58*	
		For Class 56 Rating, Add	*20,130.20*	
40 05 19 00-2568	EA	42" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	74,093.74	2,978.44
		For Class 52 Rating, Deduct	*-7,653.91*	
		For Class 54 Rating, Add	*10,491.30*	
		For Class 55 Rating, Add	*15,624.86*	
		For Class 56 Rating, Add	*20,688.84*	
40 05 19 00-2569	EA	42" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	76,009.01	2,982.80
		For Class 52 Rating, Deduct	*-7,863.86*	
		For Class 54 Rating, Add	*10,777.68*	
		For Class 55 Rating, Add	*16,050.65*	
		For Class 56 Rating, Add	*21,252.14*	
40 05 19 00-2570	EA	42" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	77,911.68	2,987.16
		For Class 52 Rating, Deduct	*-8,072.42*	
		For Class 54 Rating, Add	*11,062.16*	
		For Class 55 Rating, Add	*16,473.63*	
		For Class 56 Rating, Add	*21,811.71*	
40 05 19 00-2571	EA	42" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	79,452.14	2,991.53
		For Class 52 Rating, Deduct	*-8,241.15*	
		For Class 54 Rating, Add	*11,292.32*	
		For Class 55 Rating, Add	*16,815.84*	
		For Class 56 Rating, Add	*22,264.44*	
40 05 19 00-2572	EA	42" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	81,732.76	2,995.88
		For Class 52 Rating, Deduct	*-8,491.29*	
		For Class 54 Rating, Add	*11,633.50*	
		For Class 55 Rating, Add	*17,323.10*	
		For Class 56 Rating, Add	*22,935.51*	
40 05 19 00-2573	EA	42" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	83,632.28	3,000.24
		For Class 52 Rating, Deduct	*-8,699.51*	
		For Class 54 Rating, Add	*11,917.52*	
		For Class 55 Rating, Add	*17,745.38*	
		For Class 56 Rating, Add	*23,494.16*	
40 05 19 00-2574	EA	42" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	85,550.69	3,004.60
		For Class 52 Rating, Deduct	*-8,909.81*	
		For Class 54 Rating, Add	*12,204.37*	
		For Class 55 Rating, Add	*18,171.87*	
		For Class 56 Rating, Add	*24,058.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2575	EA	42" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	87,453.35	3,008.96
		For Class 52 Rating, Deduct	*-9,118.38*	
		For Class 54 Rating, Add	*12,488.86*	
		For Class 55 Rating, Add	*18,594.85*	
		For Class 56 Rating, Add	*24,617.95*	
40 05 19 00-2576	EA	42" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	89,374.92	3,013.32
		For Class 52 Rating, Deduct	*-9,329.02*	
		For Class 54 Rating, Add	*12,776.18*	
		For Class 55 Rating, Add	*19,022.04*	
		For Class 56 Rating, Add	*25,183.10*	
40 05 19 00-2577	EA	42" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	91,271.29	3,017.68
		For Class 52 Rating, Deduct	*-9,536.89*	
		For Class 54 Rating, Add	*13,059.72*	
		For Class 55 Rating, Add	*19,443.62*	
		For Class 56 Rating, Add	*25,740.82*	
40 05 19 00-2578		**48" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe** *(40 05 19 00-2074)*		
40 05 19 00-2579	EA	48" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,284.66	3,606.40
		For Class 52 Rating, Deduct	*-3,060.25*	
		For Class 54 Rating, Add	*4,238.63*	
		For Class 55 Rating, Add	*6,335.10*	
		For Class 56 Rating, Add	*8,403.74*	
40 05 19 00-2580	EA	48" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,993.62	3,610.75
		For Class 52 Rating, Deduct	*-3,357.50*	
		For Class 54 Rating, Add	*4,644.07*	
		For Class 55 Rating, Add	*6,937.88*	
		For Class 56 Rating, Add	*9,201.17*	
40 05 19 00-2581	EA	48" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	38,708.88	3,615.12
		For Class 52 Rating, Deduct	*-3,655.46*	
		For Class 54 Rating, Add	*5,050.44*	
		For Class 55 Rating, Add	*7,542.07*	
		For Class 56 Rating, Add	*10,000.46*	
40 05 19 00-2582	EA	48" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	41,455.64	3,619.47
		For Class 52 Rating, Deduct	*-3,956.87*	
		For Class 54 Rating, Add	*5,461.55*	
		For Class 55 Rating, Add	*8,153.28*	
		For Class 56 Rating, Add	*10,809.04*	
40 05 19 00-2583	EA	48" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	44,192.95	3,623.84
		For Class 52 Rating, Deduct	*-4,257.25*	
		For Class 54 Rating, Add	*5,871.23*	
		For Class 55 Rating, Add	*8,762.38*	
		For Class 56 Rating, Add	*11,614.84*	
40 05 19 00-2584	EA	48" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	46,936.57	3,628.20
		For Class 52 Rating, Deduct	*-4,558.32*	
		For Class 54 Rating, Add	*6,281.86*	
		For Class 55 Rating, Add	*9,372.90*	
		For Class 56 Rating, Add	*12,422.49*	
40 05 19 00-2585	EA	48" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	49,699.06	3,632.56
		For Class 52 Rating, Deduct	*-4,861.47*	
		For Class 54 Rating, Add	*6,695.32*	
		For Class 55 Rating, Add	*9,987.62*	
		For Class 56 Rating, Add	*13,235.72*	
40 05 19 00-2586	EA	48" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	52,455.27	3,636.92
		For Class 52 Rating, Deduct	*-5,163.93*	
		For Class 54 Rating, Add	*7,107.84*	
		For Class 55 Rating, Add	*10,600.94*	
		For Class 56 Rating, Add	*14,047.09*	
40 05 19 00-2587	EA	48" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	55,208.33	3,641.28
		For Class 52 Rating, Deduct	*-5,466.04*	
		For Class 54 Rating, Add	*7,519.89*	
		For Class 55 Rating, Add	*11,213.56*	
		For Class 56 Rating, Add	*14,857.53*	
40 05 19 00-2588	EA	48" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	57,989.74	3,645.64
		For Class 52 Rating, Deduct	*-5,771.26*	
		For Class 54 Rating, Add	*7,936.19*	
		For Class 55 Rating, Add	*11,832.50*	
		For Class 56 Rating, Add	*15,676.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2589	EA	48" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	60,752.25	3,650.01
		For Class 52 Rating, Deduct	*-6,074.41*	
		For Class 54 Rating, Add	*8,349.65*	
		For Class 55 Rating, Add	*12,447.22*	
		For Class 56 Rating, Add	*16,489.56*	
40 05 19 00-2590	EA	48" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	63,536.79	3,654.36
		For Class 52 Rating, Deduct	*-6,379.99*	
		For Class 54 Rating, Add	*8,766.42*	
		For Class 55 Rating, Add	*13,066.86*	
		For Class 56 Rating, Add	*17,309.29*	
40 05 19 00-2591	EA	48" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	66,305.60	3,658.73
		For Class 52 Rating, Deduct	*-6,683.83*	
		For Class 54 Rating, Add	*9,180.83*	
		For Class 55 Rating, Add	*13,682.99*	
		For Class 56 Rating, Add	*18,124.38*	
40 05 19 00-2592	EA	48" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	69,077.56	3,663.08
		For Class 52 Rating, Deduct	*-6,988.02*	
		For Class 54 Rating, Add	*9,595.72*	
		For Class 55 Rating, Add	*14,299.82*	
		For Class 56 Rating, Add	*18,940.40*	
40 05 19 00-2593	EA	48" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	71,868.42	3,667.45
		For Class 52 Rating, Deduct	*-7,294.28*	
		For Class 54 Rating, Add	*10,013.43*	
		For Class 55 Rating, Add	*14,920.87*	
		For Class 56 Rating, Add	*19,761.99*	
40 05 19 00-2594	EA	48" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	74,646.68	3,671.81
		For Class 52 Rating, Deduct	*-7,599.17*	
		For Class 54 Rating, Add	*10,429.26*	
		For Class 55 Rating, Add	*15,539.10*	
		For Class 56 Rating, Add	*20,579.86*	
40 05 19 00-2595	EA	48" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	77,421.77	3,676.17
		For Class 52 Rating, Deduct	*-7,903.70*	
		For Class 54 Rating, Add	*10,844.61*	
		For Class 55 Rating, Add	*16,156.63*	
		For Class 56 Rating, Add	*21,396.81*	
40 05 19 00-2596	EA	48" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	80,218.93	3,680.53
		For Class 52 Rating, Deduct	*-8,210.66*	
		For Class 54 Rating, Add	*11,263.27*	
		For Class 55 Rating, Add	*16,779.09*	
		For Class 56 Rating, Add	*22,220.26*	
40 05 19 00-2597	EA	48" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	83,000.34	3,684.89
		For Class 52 Rating, Deduct	*-8,515.89*	
		For Class 54 Rating, Add	*11,679.57*	
		For Class 55 Rating, Add	*17,398.02*	
		For Class 56 Rating, Add	*23,039.06*	
40 05 19 00-2598	EA	48" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	85,778.60	3,689.25
		For Class 52 Rating, Deduct	*-8,820.77*	
		For Class 54 Rating, Add	*12,095.40*	
		For Class 55 Rating, Add	*18,016.26*	
		For Class 56 Rating, Add	*23,856.93*	
40 05 19 00-2599	EA	48" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	88,578.89	3,693.62
		For Class 52 Rating, Deduct	*-9,128.08*	
		For Class 54 Rating, Add	*12,514.53*	
		For Class 55 Rating, Add	*18,639.41*	
		For Class 56 Rating, Add	*24,681.31*	
40 05 19 00-2600	EA	48" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	91,366.60	3,697.97
		For Class 52 Rating, Deduct	*-9,434.00*	
		For Class 54 Rating, Add	*12,931.78*	
		For Class 55 Rating, Add	*19,259.76*	
		For Class 56 Rating, Add	*25,501.97*	
40 05 19 00-2601	EA	48" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	94,148.01	3,702.34
		For Class 52 Rating, Deduct	*-9,739.23*	
		For Class 54 Rating, Add	*13,348.08*	
		For Class 55 Rating, Add	*19,878.70*	
		For Class 56 Rating, Add	*26,320.78*	
40 05 19 00-2602	EA	48" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	96,951.46	3,706.69
		For Class 52 Rating, Deduct	*-10,046.88*	
		For Class 54 Rating, Add	*13,767.68*	
		For Class 55 Rating, Add	*20,502.55*	
		For Class 56 Rating, Add	*27,146.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2603	EA	48" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	99,739.16	3,711.05
		For Class 52 Rating, Deduct	*-10,352.80*	
		For Class 54 Rating, Add	*14,184.93*	
		For Class 55 Rating, Add	*21,122.89*	
		For Class 56 Rating, Add	*27,966.74*	
40 05 19 00-2604	EA	48" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	102,523.70	3,715.42
		For Class 52 Rating, Deduct	*-10,658.37*	
		For Class 54 Rating, Add	*14,601.70*	
		For Class 55 Rating, Add	*21,742.53*	
		For Class 56 Rating, Add	*28,786.47*	
40 05 19 00-2605	EA	48" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	105,330.31	3,719.77
		For Class 52 Rating, Deduct	*-10,966.37*	
		For Class 54 Rating, Add	*15,021.78*	
		For Class 55 Rating, Add	*22,367.09*	
		For Class 56 Rating, Add	*29,612.71*	
40 05 19 00-2606	EA	48" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	108,121.17	3,724.14
		For Class 52 Rating, Deduct	*-11,272.64*	
		For Class 54 Rating, Add	*15,439.49*	
		For Class 55 Rating, Add	*22,988.14*	
		For Class 56 Rating, Add	*30,434.30*	
40 05 19 00-2607	EA	48" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	110,584.46	3,728.49
		For Class 52 Rating, Deduct	*-11,542.87*	
		For Class 54 Rating, Add	*15,808.07*	
		For Class 55 Rating, Add	*23,536.14*	
		For Class 56 Rating, Add	*31,159.26*	
40 05 19 00-2608	EA	48" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	113,718.62	3,732.86
		For Class 52 Rating, Deduct	*-11,886.91*	
		For Class 54 Rating, Add	*16,277.29*	
		For Class 55 Rating, Add	*24,233.74*	
		For Class 56 Rating, Add	*32,082.13*	
40 05 19 00-2609	EA	48" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	116,506.32	3,737.22
		For Class 52 Rating, Deduct	*-12,192.83*	
		For Class 54 Rating, Add	*16,694.53*	
		For Class 55 Rating, Add	*24,854.08*	
		For Class 56 Rating, Add	*32,902.79*	
40 05 19 00-2610	EA	48" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	119,319.23	3,741.58
		For Class 52 Rating, Deduct	*-12,501.52*	
		For Class 54 Rating, Add	*17,115.55*	
		For Class 55 Rating, Add	*25,480.05*	
		For Class 56 Rating, Add	*33,730.89*	
40 05 19 00-2611	EA	48" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	122,106.93	3,745.94
		For Class 52 Rating, Deduct	*-12,807.44*	
		For Class 54 Rating, Add	*17,532.80*	
		For Class 55 Rating, Add	*26,100.39*	
		For Class 56 Rating, Add	*34,551.55*	
40 05 19 00-2612	EA	48" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	124,894.64	3,750.30
		For Class 52 Rating, Deduct	*-13,113.36*	
		For Class 54 Rating, Add	*17,950.04*	
		For Class 55 Rating, Add	*26,720.73*	
		For Class 56 Rating, Add	*35,372.21*	
40 05 19 00-2613	EA	48" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	127,710.68	3,754.66
		For Class 52 Rating, Deduct	*-13,422.40*	
		For Class 54 Rating, Add	*18,371.54*	
		For Class 55 Rating, Add	*27,347.39*	
		For Class 56 Rating, Add	*36,201.23*	

40 05 19 00-2614 Flanged End x Grooved End (FxG), Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2073)*

40 05 19 00-2615 4" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2614)*

40 05 19 00-2616	EA	4" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	866.13	199.55
		For Class 52 Rating, Deduct	*-62.02*	
		For Class 54 Rating, Add	*88.20*	
		For Class 55 Rating, Add	*132.98*	
		For Class 56 Rating, Add	*177.20*	
40 05 19 00-2617	EA	4" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	991.10	203.04
		For Class 52 Rating, Deduct	*-75.18*	
		For Class 54 Rating, Add	*106.21*	
		For Class 55 Rating, Add	*159.79*	
		For Class 56 Rating, Add	*212.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2618	EA	4" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,116.07	206.53
		For Class 52 Rating, Deduct	*-88.35*	
		For Class 54 Rating, Add	*124.23*	
		For Class 55 Rating, Add	*186.61*	
		For Class 56 Rating, Add	*248.19*	
40 05 19 00-2619	EA	4" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,241.04	210.02
		For Class 52 Rating, Deduct	*-101.51*	
		For Class 54 Rating, Add	*142.24*	
		For Class 55 Rating, Add	*213.43*	
		For Class 56 Rating, Add	*283.69*	
40 05 19 00-2620	EA	4" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,366.01	213.51
		For Class 52 Rating, Deduct	*-114.68*	
		For Class 54 Rating, Add	*160.26*	
		For Class 55 Rating, Add	*240.25*	
		For Class 56 Rating, Add	*319.19*	
40 05 19 00-2621	EA	4" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,490.98	217.00
		For Class 52 Rating, Deduct	*-127.84*	
		For Class 54 Rating, Add	*178.28*	
		For Class 55 Rating, Add	*267.06*	
		For Class 56 Rating, Add	*354.69*	
40 05 19 00-2622	EA	4" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,615.96	220.49
		For Class 52 Rating, Deduct	*-141.01*	
		For Class 54 Rating, Add	*196.29*	
		For Class 55 Rating, Add	*293.88*	
		For Class 56 Rating, Add	*390.18*	
40 05 19 00-2623	EA	4" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,740.92	223.98
		For Class 52 Rating, Deduct	*-154.17*	
		For Class 54 Rating, Add	*214.31*	
		For Class 55 Rating, Add	*320.69*	
		For Class 56 Rating, Add	*425.68*	
40 05 19 00-2624	EA	4" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,865.90	227.46
		For Class 52 Rating, Deduct	*-167.34*	
		For Class 54 Rating, Add	*232.32*	
		For Class 55 Rating, Add	*347.51*	
		For Class 56 Rating, Add	*461.18*	
40 05 19 00-2625	EA	4" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,990.86	230.95
		For Class 52 Rating, Deduct	*-180.50*	
		For Class 54 Rating, Add	*250.34*	
		For Class 55 Rating, Add	*374.33*	
		For Class 56 Rating, Add	*496.67*	
40 05 19 00-2626	EA	4" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,115.84	234.44
		For Class 52 Rating, Deduct	*-193.67*	
		For Class 54 Rating, Add	*268.36*	
		For Class 55 Rating, Add	*401.15*	
		For Class 56 Rating, Add	*532.17*	
40 05 19 00-2627	EA	4" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,240.80	237.93
		For Class 52 Rating, Deduct	*-206.83*	
		For Class 54 Rating, Add	*286.37*	
		For Class 55 Rating, Add	*427.96*	
		For Class 56 Rating, Add	*567.67*	
40 05 19 00-2628	EA	4" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,365.78	241.42
		For Class 52 Rating, Deduct	*-220.00*	
		For Class 54 Rating, Add	*304.39*	
		For Class 55 Rating, Add	*454.78*	
		For Class 56 Rating, Add	*603.17*	
40 05 19 00-2629	EA	4" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,490.75	244.91
		For Class 52 Rating, Deduct	*-233.16*	
		For Class 54 Rating, Add	*322.40*	
		For Class 55 Rating, Add	*481.59*	
		For Class 56 Rating, Add	*638.66*	
40 05 19 00-2630	EA	4" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,615.72	248.40
		For Class 52 Rating, Deduct	*-246.33*	
		For Class 54 Rating, Add	*340.42*	
		For Class 55 Rating, Add	*508.41*	
		For Class 56 Rating, Add	*674.16*	
40 05 19 00-2631	EA	4" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,740.69	251.89
		For Class 52 Rating, Deduct	*-259.50*	
		For Class 54 Rating, Add	*358.44*	
		For Class 55 Rating, Add	*535.23*	
		For Class 56 Rating, Add	*709.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2632	EA	4" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,865.66	255.37
		For Class 52 Rating, Deduct	*-272.66*	
		For Class 54 Rating, Add	*376.45*	
		For Class 55 Rating, Add	*562.05*	
		For Class 56 Rating, Add	*745.16*	
40 05 19 00-2633	EA	4" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,990.63	258.86
		For Class 52 Rating, Deduct	*-285.83*	
		For Class 54 Rating, Add	*394.47*	
		For Class 55 Rating, Add	*588.86*	
		For Class 56 Rating, Add	*780.65*	
40 05 19 00-2634	EA	4" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,115.59	262.35
		For Class 52 Rating, Deduct	*-298.99*	
		For Class 54 Rating, Add	*412.48*	
		For Class 55 Rating, Add	*615.68*	
		For Class 56 Rating, Add	*816.15*	
40 05 19 00-2635	EA	4" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,240.57	265.84
		For Class 52 Rating, Deduct	*-312.16*	
		For Class 54 Rating, Add	*430.50*	
		For Class 55 Rating, Add	*642.49*	
		For Class 56 Rating, Add	*851.65*	
40 05 19 00-2636	EA	4" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,365.53	269.33
		For Class 52 Rating, Deduct	*-325.32*	
		For Class 54 Rating, Add	*448.52*	
		For Class 55 Rating, Add	*669.31*	
		For Class 56 Rating, Add	*887.14*	
40 05 19 00-2637	EA	4" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,490.51	272.82
		For Class 52 Rating, Deduct	*-338.49*	
		For Class 54 Rating, Add	*466.53*	
		For Class 55 Rating, Add	*696.13*	
		For Class 56 Rating, Add	*922.64*	
40 05 19 00-2638	EA	4" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,615.48	276.31
		For Class 52 Rating, Deduct	*-351.65*	
		For Class 54 Rating, Add	*484.55*	
		For Class 55 Rating, Add	*722.94*	
		For Class 56 Rating, Add	*958.14*	
40 05 19 00-2639	EA	4" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,740.45	279.80
		For Class 52 Rating, Deduct	*-364.82*	
		For Class 54 Rating, Add	*502.57*	
		For Class 55 Rating, Add	*749.76*	
		For Class 56 Rating, Add	*993.64*	
40 05 19 00-2640	EA	4" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,865.42	283.28
		For Class 52 Rating, Deduct	*-377.98*	
		For Class 54 Rating, Add	*520.58*	
		For Class 55 Rating, Add	*776.58*	
		For Class 56 Rating, Add	*1,029.13*	
40 05 19 00-2641	EA	4" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,990.39	286.77
		For Class 52 Rating, Deduct	*-391.15*	
		For Class 54 Rating, Add	*538.60*	
		For Class 55 Rating, Add	*803.39*	
		For Class 56 Rating, Add	*1,064.63*	
40 05 19 00-2642	EA	4" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,115.36	290.26
		For Class 52 Rating, Deduct	*-404.31*	
		For Class 54 Rating, Add	*556.61*	
		For Class 55 Rating, Add	*830.21*	
		For Class 56 Rating, Add	*1,100.13*	
40 05 19 00-2643	EA	4" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,240.33	293.75
		For Class 52 Rating, Deduct	*-417.48*	
		For Class 54 Rating, Add	*574.63*	
		For Class 55 Rating, Add	*857.03*	
		For Class 56 Rating, Add	*1,135.63*	
40 05 19 00-2644	EA	4" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,365.30	297.24
		For Class 52 Rating, Deduct	*-430.64*	
		For Class 54 Rating, Add	*592.65*	
		For Class 55 Rating, Add	*883.84*	
		For Class 56 Rating, Add	*1,171.12*	
40 05 19 00-2645	EA	4" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,490.27	300.73
		For Class 52 Rating, Deduct	*-443.81*	
		For Class 54 Rating, Add	*610.66*	
		For Class 55 Rating, Add	*910.66*	
		For Class 56 Rating, Add	*1,206.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2646	EA	4" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,615.25	304.22
		For Class 52 Rating, Deduct	*-456.98*	
		For Class 54 Rating, Add	*628.68*	
		For Class 55 Rating, Add	*937.48*	
		For Class 56 Rating, Add	*1,242.12*	
40 05 19 00-2647	EA	4" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,740.23	307.71
		For Class 52 Rating, Deduct	*-470.14*	
		For Class 54 Rating, Add	*646.70*	
		For Class 55 Rating, Add	*964.29*	
		For Class 56 Rating, Add	*1,277.62*	
40 05 19 00-2648	EA	4" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,865.19	311.20
		For Class 52 Rating, Deduct	*-483.31*	
		For Class 54 Rating, Add	*664.71*	
		For Class 55 Rating, Add	*991.11*	
		For Class 56 Rating, Add	*1,313.11*	
40 05 19 00-2649	EA	4" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,990.17	314.68
		For Class 52 Rating, Deduct	*-496.47*	
		For Class 54 Rating, Add	*682.73*	
		For Class 55 Rating, Add	*1,017.93*	
		For Class 56 Rating, Add	*1,348.61*	
40 05 19 00-2650	EA	4" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,115.13	318.17
		For Class 52 Rating, Deduct	*-509.64*	
		For Class 54 Rating, Add	*700.74*	
		For Class 55 Rating, Add	*1,044.74*	
		For Class 56 Rating, Add	*1,384.11*	
40 05 19 00-2651	EA	4" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,240.11	321.65
		For Class 52 Rating, Deduct	*-522.80*	
		For Class 54 Rating, Add	*718.76*	
		For Class 55 Rating, Add	*1,071.56*	
		For Class 56 Rating, Add	*1,419.61*	
40 05 19 00-2652	EA	4" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,365.07	325.14
		For Class 52 Rating, Deduct	*-535.97*	
		For Class 54 Rating, Add	*736.78*	
		For Class 55 Rating, Add	*1,098.38*	
		For Class 56 Rating, Add	*1,455.10*	
40 05 19 00-2653	EA	4" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,458.55	328.63
		For Class 52 Rating, Deduct	*-545.67*	
		For Class 54 Rating, Add	*750.07*	
		For Class 55 Rating, Add	*1,118.17*	
		For Class 56 Rating, Add	*1,481.31*	
40 05 19 00-2654	EA	4" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,615.01	332.12
		For Class 52 Rating, Deduct	*-562.30*	
		For Class 54 Rating, Add	*772.81*	
		For Class 55 Rating, Add	*1,152.01*	
		For Class 56 Rating, Add	*1,526.10*	

40 05 19 00-2655 6" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2614)*

40 05 19 00-2656	EA	6" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,120.74	251.18
		For Class 52 Rating, Deduct	*-81.42*	
		For Class 54 Rating, Add	*115.59*	
		For Class 55 Rating, Add	*174.19*	
		For Class 56 Rating, Add	*232.05*	
40 05 19 00-2657	EA	6" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,264.61	254.67
		For Class 52 Rating, Deduct	*-96.66*	
		For Class 54 Rating, Add	*136.44*	
		For Class 55 Rating, Add	*205.22*	
		For Class 56 Rating, Add	*273.12*	
40 05 19 00-2658	EA	6" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,408.47	258.16
		For Class 52 Rating, Deduct	*-111.91*	
		For Class 54 Rating, Add	*157.29*	
		For Class 55 Rating, Add	*236.25*	
		For Class 56 Rating, Add	*314.19*	
40 05 19 00-2659	EA	6" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,552.34	261.65
		For Class 52 Rating, Deduct	*-127.15*	
		For Class 54 Rating, Add	*178.14*	
		For Class 55 Rating, Add	*267.28*	
		For Class 56 Rating, Add	*355.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2660	EA	6" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,696.21	265.14
		For Class 52 Rating, Deduct	*-142.39*	
		For Class 54 Rating, Add	*198.99*	
		For Class 55 Rating, Add	*298.31*	
		For Class 56 Rating, Add	*396.34*	
40 05 19 00-2661	EA	6" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,840.08	268.63
		For Class 52 Rating, Deduct	*-157.64*	
		For Class 54 Rating, Add	*219.84*	
		For Class 55 Rating, Add	*329.34*	
		For Class 56 Rating, Add	*437.41*	
40 05 19 00-2662	EA	6" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,983.94	272.11
		For Class 52 Rating, Deduct	*-172.88*	
		For Class 54 Rating, Add	*240.69*	
		For Class 55 Rating, Add	*360.37*	
		For Class 56 Rating, Add	*478.48*	
40 05 19 00-2663	EA	6" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,127.81	275.60
		For Class 52 Rating, Deduct	*-188.13*	
		For Class 54 Rating, Add	*261.55*	
		For Class 55 Rating, Add	*391.40*	
		For Class 56 Rating, Add	*519.55*	
40 05 19 00-2664	EA	6" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,271.69	279.09
		For Class 52 Rating, Deduct	*-203.37*	
		For Class 54 Rating, Add	*282.40*	
		For Class 55 Rating, Add	*422.44*	
		For Class 56 Rating, Add	*560.63*	
40 05 19 00-2665	EA	6" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,415.55	282.58
		For Class 52 Rating, Deduct	*-218.61*	
		For Class 54 Rating, Add	*303.25*	
		For Class 55 Rating, Add	*453.47*	
		For Class 56 Rating, Add	*601.70*	
40 05 19 00-2666	EA	6" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,559.42	286.07
		For Class 52 Rating, Deduct	*-233.86*	
		For Class 54 Rating, Add	*324.10*	
		For Class 55 Rating, Add	*484.50*	
		For Class 56 Rating, Add	*642.77*	
40 05 19 00-2667	EA	6" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,703.28	289.56
		For Class 52 Rating, Deduct	*-249.10*	
		For Class 54 Rating, Add	*344.95*	
		For Class 55 Rating, Add	*515.53*	
		For Class 56 Rating, Add	*683.84*	
40 05 19 00-2668	EA	6" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,847.15	293.05
		For Class 52 Rating, Deduct	*-264.35*	
		For Class 54 Rating, Add	*365.80*	
		For Class 55 Rating, Add	*546.56*	
		For Class 56 Rating, Add	*724.91*	
40 05 19 00-2669	EA	6" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,991.02	296.54
		For Class 52 Rating, Deduct	*-279.59*	
		For Class 54 Rating, Add	*386.65*	
		For Class 55 Rating, Add	*577.59*	
		For Class 56 Rating, Add	*765.98*	
40 05 19 00-2670	EA	6" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,134.89	300.02
		For Class 52 Rating, Deduct	*-294.83*	
		For Class 54 Rating, Add	*407.50*	
		For Class 55 Rating, Add	*608.62*	
		For Class 56 Rating, Add	*807.06*	
40 05 19 00-2671	EA	6" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,278.75	303.51
		For Class 52 Rating, Deduct	*-310.08*	
		For Class 54 Rating, Add	*428.35*	
		For Class 55 Rating, Add	*639.65*	
		For Class 56 Rating, Add	*848.13*	
40 05 19 00-2672	EA	6" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,422.62	307.00
		For Class 52 Rating, Deduct	*-325.32*	
		For Class 54 Rating, Add	*449.20*	
		For Class 55 Rating, Add	*670.68*	
		For Class 56 Rating, Add	*889.20*	
40 05 19 00-2673	EA	6" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,566.50	310.49
		For Class 52 Rating, Deduct	*-340.57*	
		For Class 54 Rating, Add	*470.05*	
		For Class 55 Rating, Add	*701.71*	
		For Class 56 Rating, Add	*930.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2674	EA	6" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,710.36	313.98
		For Class 52 Rating, Deduct	*-355.81*	
		For Class 54 Rating, Add	*490.90*	
		For Class 55 Rating, Add	*732.74*	
		For Class 56 Rating, Add	*971.34*	
40 05 19 00-2675	EA	6" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,854.23	317.47
		For Class 52 Rating, Deduct	*-371.05*	
		For Class 54 Rating, Add	*511.76*	
		For Class 55 Rating, Add	*763.77*	
		For Class 56 Rating, Add	*1,012.42*	
40 05 19 00-2676	EA	6" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,998.09	320.96
		For Class 52 Rating, Deduct	*-386.30*	
		For Class 54 Rating, Add	*532.61*	
		For Class 55 Rating, Add	*794.80*	
		For Class 56 Rating, Add	*1,053.49*	
40 05 19 00-2677	EA	6" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,141.97	324.45
		For Class 52 Rating, Deduct	*-401.54*	
		For Class 54 Rating, Add	*553.46*	
		For Class 55 Rating, Add	*825.83*	
		For Class 56 Rating, Add	*1,094.56*	
40 05 19 00-2678	EA	6" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,285.83	327.93
		For Class 52 Rating, Deduct	*-416.79*	
		For Class 54 Rating, Add	*574.31*	
		For Class 55 Rating, Add	*856.86*	
		For Class 56 Rating, Add	*1,135.63*	
40 05 19 00-2679	EA	6" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,429.71	331.42
		For Class 52 Rating, Deduct	*-432.03*	
		For Class 54 Rating, Add	*595.16*	
		For Class 55 Rating, Add	*887.90*	
		For Class 56 Rating, Add	*1,176.71*	
40 05 19 00-2680	EA	6" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,573.57	334.91
		For Class 52 Rating, Deduct	*-447.27*	
		For Class 54 Rating, Add	*616.01*	
		For Class 55 Rating, Add	*918.93*	
		For Class 56 Rating, Add	*1,217.78*	
40 05 19 00-2681	EA	6" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,717.45	338.40
		For Class 52 Rating, Deduct	*-462.52*	
		For Class 54 Rating, Add	*636.86*	
		For Class 55 Rating, Add	*949.96*	
		For Class 56 Rating, Add	*1,258.85*	
40 05 19 00-2682	EA	6" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,861.32	341.89
		For Class 52 Rating, Deduct	*-477.76*	
		For Class 54 Rating, Add	*657.71*	
		For Class 55 Rating, Add	*980.99*	
		For Class 56 Rating, Add	*1,299.92*	
40 05 19 00-2683	EA	6" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,005.18	345.38
		For Class 52 Rating, Deduct	*-493.01*	
		For Class 54 Rating, Add	*678.56*	
		For Class 55 Rating, Add	*1,012.02*	
		For Class 56 Rating, Add	*1,340.99*	
40 05 19 00-2684	EA	6" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,149.05	348.87
		For Class 52 Rating, Deduct	*-508.25*	
		For Class 54 Rating, Add	*699.41*	
		For Class 55 Rating, Add	*1,043.05*	
		For Class 56 Rating, Add	*1,382.06*	
40 05 19 00-2685	EA	6" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,292.92	352.36
		For Class 52 Rating, Deduct	*-523.50*	
		For Class 54 Rating, Add	*720.26*	
		For Class 55 Rating, Add	*1,074.08*	
		For Class 56 Rating, Add	*1,423.14*	
40 05 19 00-2686	EA	6" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,436.79	355.85
		For Class 52 Rating, Deduct	*-538.74*	
		For Class 54 Rating, Add	*741.11*	
		For Class 55 Rating, Add	*1,105.11*	
		For Class 56 Rating, Add	*1,464.21*	
40 05 19 00-2687	EA	6" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,580.65	359.33
		For Class 52 Rating, Deduct	*-553.98*	
		For Class 54 Rating, Add	*761.96*	
		For Class 55 Rating, Add	*1,136.14*	
		For Class 56 Rating, Add	*1,505.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2688	EA	6" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,724.52	362.82
		For Class 52 Rating, Deduct	*-569.23*	
		For Class 54 Rating, Add	*782.82*	
		For Class 55 Rating, Add	*1,167.17*	
		For Class 56 Rating, Add	*1,546.35*	
40 05 19 00-2689	EA	6" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,868.40	366.31
		For Class 52 Rating, Deduct	*-584.47*	
		For Class 54 Rating, Add	*803.67*	
		For Class 55 Rating, Add	*1,198.20*	
		For Class 56 Rating, Add	*1,587.43*	
40 05 19 00-2690	EA	6" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,012.26	369.80
		For Class 52 Rating, Deduct	*-599.72*	
		For Class 54 Rating, Add	*824.52*	
		For Class 55 Rating, Add	*1,229.23*	
		For Class 56 Rating, Add	*1,628.50*	
40 05 19 00-2691	EA	6" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,156.13	373.29
		For Class 52 Rating, Deduct	*-614.96*	
		For Class 54 Rating, Add	*845.37*	
		For Class 55 Rating, Add	*1,260.26*	
		For Class 56 Rating, Add	*1,669.57*	
40 05 19 00-2692	EA	6" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,299.99	376.78
		For Class 52 Rating, Deduct	*-630.20*	
		For Class 54 Rating, Add	*866.22*	
		For Class 55 Rating, Add	*1,291.29*	
		For Class 56 Rating, Add	*1,710.64*	
40 05 19 00-2693	EA	6" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,443.86	380.27
		For Class 52 Rating, Deduct	*-645.45*	
		For Class 54 Rating, Add	*887.07*	
		For Class 55 Rating, Add	*1,322.32*	
		For Class 56 Rating, Add	*1,751.71*	
40 05 19 00-2694	EA	6" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,587.73	383.76
		For Class 52 Rating, Deduct	*-660.69*	
		For Class 54 Rating, Add	*907.92*	
		For Class 55 Rating, Add	*1,353.36*	
		For Class 56 Rating, Add	*1,792.79*	

40 05 19 00-2695 8" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2614)*

40 05 19 00-2696	EA	8" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,538.26	320.96
		For Class 52 Rating, Deduct	*-115.72*	
		For Class 54 Rating, Add	*163.63*	
		For Class 55 Rating, Add	*246.26*	
		For Class 56 Rating, Add	*327.84*	
40 05 19 00-2697	EA	8" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,723.07	324.45
		For Class 52 Rating, Deduct	*-135.46*	
		For Class 54 Rating, Add	*190.62*	
		For Class 55 Rating, Add	*286.42*	
		For Class 56 Rating, Add	*380.99*	
40 05 19 00-2698	EA	8" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,907.88	327.93
		For Class 52 Rating, Deduct	*-155.21*	
		For Class 54 Rating, Add	*217.62*	
		For Class 55 Rating, Add	*326.58*	
		For Class 56 Rating, Add	*434.14*	
40 05 19 00-2699	EA	8" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,092.71	331.42
		For Class 52 Rating, Deduct	*-174.96*	
		For Class 54 Rating, Add	*244.61*	
		For Class 55 Rating, Add	*366.74*	
		For Class 56 Rating, Add	*487.29*	
40 05 19 00-2700	EA	8" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,277.52	334.91
		For Class 52 Rating, Deduct	*-194.71*	
		For Class 54 Rating, Add	*271.60*	
		For Class 55 Rating, Add	*406.91*	
		For Class 56 Rating, Add	*540.44*	
40 05 19 00-2701	EA	8" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,462.33	338.40
		For Class 52 Rating, Deduct	*-214.46*	
		For Class 54 Rating, Add	*298.59*	
		For Class 55 Rating, Add	*447.07*	
		For Class 56 Rating, Add	*593.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2702	EA	8" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,647.15	341.89
		For Class 52 Rating, Deduct	*-234.20*	
		For Class 54 Rating, Add	*325.59*	
		For Class 55 Rating, Add	*487.23*	
		For Class 56 Rating, Add	*646.74*	
40 05 19 00-2703	EA	8" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,831.96	345.38
		For Class 52 Rating, Deduct	*-253.95*	
		For Class 54 Rating, Add	*352.58*	
		For Class 55 Rating, Add	*527.39*	
		For Class 56 Rating, Add	*699.89*	
40 05 19 00-2704	EA	8" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,016.77	348.87
		For Class 52 Rating, Deduct	*-273.70*	
		For Class 54 Rating, Add	*379.57*	
		For Class 55 Rating, Add	*567.55*	
		For Class 56 Rating, Add	*753.04*	
40 05 19 00-2705	EA	8" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,201.58	352.36
		For Class 52 Rating, Deduct	*-293.45*	
		For Class 54 Rating, Add	*406.56*	
		For Class 55 Rating, Add	*607.71*	
		For Class 56 Rating, Add	*806.19*	
40 05 19 00-2706	EA	8" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,386.40	355.85
		For Class 52 Rating, Deduct	*-313.20*	
		For Class 54 Rating, Add	*433.56*	
		For Class 55 Rating, Add	*647.87*	
		For Class 56 Rating, Add	*859.35*	
40 05 19 00-2707	EA	8" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,571.21	359.33
		For Class 52 Rating, Deduct	*-332.94*	
		For Class 54 Rating, Add	*460.55*	
		For Class 55 Rating, Add	*688.04*	
		For Class 56 Rating, Add	*912.50*	
40 05 19 00-2708	EA	8" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,756.02	362.82
		For Class 52 Rating, Deduct	*-352.69*	
		For Class 54 Rating, Add	*487.54*	
		For Class 55 Rating, Add	*728.20*	
		For Class 56 Rating, Add	*965.65*	
40 05 19 00-2709	EA	8" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,940.84	366.31
		For Class 52 Rating, Deduct	*-372.44*	
		For Class 54 Rating, Add	*514.53*	
		For Class 55 Rating, Add	*768.36*	
		For Class 56 Rating, Add	*1,018.80*	
40 05 19 00-2710	EA	8" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,125.65	369.80
		For Class 52 Rating, Deduct	*-392.19*	
		For Class 54 Rating, Add	*541.53*	
		For Class 55 Rating, Add	*808.52*	
		For Class 56 Rating, Add	*1,071.95*	
40 05 19 00-2711	EA	8" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,310.46	373.29
		For Class 52 Rating, Deduct	*-411.94*	
		For Class 54 Rating, Add	*568.52*	
		For Class 55 Rating, Add	*848.68*	
		For Class 56 Rating, Add	*1,125.10*	
40 05 19 00-2712	EA	8" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,495.27	376.78
		For Class 52 Rating, Deduct	*-431.68*	
		For Class 54 Rating, Add	*595.51*	
		For Class 55 Rating, Add	*888.84*	
		For Class 56 Rating, Add	*1,178.25*	
40 05 19 00-2713	EA	8" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,680.09	380.27
		For Class 52 Rating, Deduct	*-451.43*	
		For Class 54 Rating, Add	*622.50*	
		For Class 55 Rating, Add	*929.00*	
		For Class 56 Rating, Add	*1,231.40*	
40 05 19 00-2714	EA	8" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,864.90	383.76
		For Class 52 Rating, Deduct	*-471.18*	
		For Class 54 Rating, Add	*649.50*	
		For Class 55 Rating, Add	*969.17*	
		For Class 56 Rating, Add	*1,284.55*	
40 05 19 00-2715	EA	8" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,049.71	387.24
		For Class 52 Rating, Deduct	*-490.93*	
		For Class 54 Rating, Add	*676.49*	
		For Class 55 Rating, Add	*1,009.33*	
		For Class 56 Rating, Add	*1,337.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2716	EA	8" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,234.52	390.73
		For Class 52 Rating, Deduct	*-510.68*	
		For Class 54 Rating, Add	*703.48*	
		For Class 55 Rating, Add	*1,049.49*	
		For Class 56 Rating, Add	*1,390.85*	
40 05 19 00-2717	EA	8" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,419.34	394.22
		For Class 52 Rating, Deduct	*-530.42*	
		For Class 54 Rating, Add	*730.47*	
		For Class 55 Rating, Add	*1,089.65*	
		For Class 56 Rating, Add	*1,444.00*	
40 05 19 00-2718	EA	8" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,604.15	397.71
		For Class 52 Rating, Deduct	*-550.17*	
		For Class 54 Rating, Add	*757.47*	
		For Class 55 Rating, Add	*1,129.81*	
		For Class 56 Rating, Add	*1,497.15*	
40 05 19 00-2719	EA	8" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,788.96	401.20
		For Class 52 Rating, Deduct	*-569.92*	
		For Class 54 Rating, Add	*784.46*	
		For Class 55 Rating, Add	*1,169.97*	
		For Class 56 Rating, Add	*1,550.30*	
40 05 19 00-2720	EA	8" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,973.78	404.69
		For Class 52 Rating, Deduct	*-589.67*	
		For Class 54 Rating, Add	*811.45*	
		For Class 55 Rating, Add	*1,210.13*	
		For Class 56 Rating, Add	*1,603.46*	
40 05 19 00-2721	EA	8" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,158.59	408.18
		For Class 52 Rating, Deduct	*-609.42*	
		For Class 54 Rating, Add	*838.44*	
		For Class 55 Rating, Add	*1,250.30*	
		For Class 56 Rating, Add	*1,656.61*	
40 05 19 00-2722	EA	8" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,343.40	411.67
		For Class 52 Rating, Deduct	*-629.16*	
		For Class 54 Rating, Add	*865.44*	
		For Class 55 Rating, Add	*1,290.46*	
		For Class 56 Rating, Add	*1,709.76*	
40 05 19 00-2723	EA	8" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,528.21	415.15
		For Class 52 Rating, Deduct	*-648.91*	
		For Class 54 Rating, Add	*892.43*	
		For Class 55 Rating, Add	*1,330.62*	
		For Class 56 Rating, Add	*1,762.91*	
40 05 19 00-2724	EA	8" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,713.03	418.64
		For Class 52 Rating, Deduct	*-668.66*	
		For Class 54 Rating, Add	*919.42*	
		For Class 55 Rating, Add	*1,370.78*	
		For Class 56 Rating, Add	*1,816.06*	
40 05 19 00-2725	EA	8" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,897.84	422.13
		For Class 52 Rating, Deduct	*-688.41*	
		For Class 54 Rating, Add	*946.41*	
		For Class 55 Rating, Add	*1,410.94*	
		For Class 56 Rating, Add	*1,869.21*	
40 05 19 00-2726	EA	8" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,082.65	425.62
		For Class 52 Rating, Deduct	*-708.16*	
		For Class 54 Rating, Add	*973.41*	
		For Class 55 Rating, Add	*1,451.10*	
		For Class 56 Rating, Add	*1,922.36*	
40 05 19 00-2727	EA	8" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,267.47	429.10
		For Class 52 Rating, Deduct	*-727.90*	
		For Class 54 Rating, Add	*1,000.40*	
		For Class 55 Rating, Add	*1,491.26*	
		For Class 56 Rating, Add	*1,975.51*	
40 05 19 00-2728	EA	8" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,452.28	432.59
		For Class 52 Rating, Deduct	*-747.65*	
		For Class 54 Rating, Add	*1,027.39*	
		For Class 55 Rating, Add	*1,531.43*	
		For Class 56 Rating, Add	*2,028.66*	
40 05 19 00-2729	EA	8" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,637.09	436.08
		For Class 52 Rating, Deduct	*-767.40*	
		For Class 54 Rating, Add	*1,054.38*	
		For Class 55 Rating, Add	*1,571.59*	
		For Class 56 Rating, Add	*2,081.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2730	EA	8" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,821.90	439.57
		For Class 52 Rating, Deduct	*-787.15*	
		For Class 54 Rating, Add	*1,081.38*	
		For Class 55 Rating, Add	*1,611.75*	
		For Class 56 Rating, Add	*2,134.96*	
40 05 19 00-2731	EA	8" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,006.72	443.05
		For Class 52 Rating, Deduct	*-806.90*	
		For Class 54 Rating, Add	*1,108.37*	
		For Class 55 Rating, Add	*1,651.91*	
		For Class 56 Rating, Add	*2,188.12*	
40 05 19 00-2732	EA	8" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,191.53	446.54
		For Class 52 Rating, Deduct	*-826.64*	
		For Class 54 Rating, Add	*1,135.36*	
		For Class 55 Rating, Add	*1,692.07*	
		For Class 56 Rating, Add	*2,241.27*	
40 05 19 00-2733	EA	8" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,376.34	450.03
		For Class 52 Rating, Deduct	*-846.39*	
		For Class 54 Rating, Add	*1,162.35*	
		For Class 55 Rating, Add	*1,732.23*	
		For Class 56 Rating, Add	*2,294.42*	
40 05 19 00-2734	EA	8" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,561.15	453.52
		For Class 52 Rating, Deduct	*-866.14*	
		For Class 54 Rating, Add	*1,189.35*	
		For Class 55 Rating, Add	*1,772.39*	
		For Class 56 Rating, Add	*2,347.57*	

40 05 19 00-2735 10" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2614)*

40 05 19 00-2736	EA	10" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,933.74	390.73
		For Class 52 Rating, Deduct	*-147.59*	
		For Class 54 Rating, Add	*208.36*	
		For Class 55 Rating, Add	*313.41*	
		For Class 56 Rating, Add	*417.12*	
40 05 19 00-2737	EA	10" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,172.10	394.22
		For Class 52 Rating, Deduct	*-173.23*	
		For Class 54 Rating, Add	*243.39*	
		For Class 55 Rating, Add	*365.52*	
		For Class 56 Rating, Add	*486.07*	
40 05 19 00-2738	EA	10" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,410.46	397.71
		For Class 52 Rating, Deduct	*-198.87*	
		For Class 54 Rating, Add	*278.41*	
		For Class 55 Rating, Add	*417.62*	
		For Class 56 Rating, Add	*555.01*	
40 05 19 00-2739	EA	10" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,648.81	401.20
		For Class 52 Rating, Deduct	*-224.50*	
		For Class 54 Rating, Add	*313.44*	
		For Class 55 Rating, Add	*469.72*	
		For Class 56 Rating, Add	*623.96*	
40 05 19 00-2740	EA	10" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,887.17	404.69
		For Class 52 Rating, Deduct	*-250.14*	
		For Class 54 Rating, Add	*348.46*	
		For Class 55 Rating, Add	*521.82*	
		For Class 56 Rating, Add	*692.91*	
40 05 19 00-2741	EA	10" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,125.52	408.18
		For Class 52 Rating, Deduct	*-275.78*	
		For Class 54 Rating, Add	*383.48*	
		For Class 55 Rating, Add	*573.92*	
		For Class 56 Rating, Add	*761.85*	
40 05 19 00-2742	EA	10" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,363.88	411.67
		For Class 52 Rating, Deduct	*-301.42*	
		For Class 54 Rating, Add	*418.51*	
		For Class 55 Rating, Add	*626.02*	
		For Class 56 Rating, Add	*830.80*	
40 05 19 00-2743	EA	10" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,602.23	415.15
		For Class 52 Rating, Deduct	*-327.05*	
		For Class 54 Rating, Add	*453.53*	
		For Class 55 Rating, Add	*678.12*	
		For Class 56 Rating, Add	*899.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2744	EA	10" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,840.59	418.64
		For Class 52 Rating, Deduct	*-352.69*	
		For Class 54 Rating, Add	*488.56*	
		For Class 55 Rating, Add	*730.23*	
		For Class 56 Rating, Add	*968.69*	
40 05 19 00-2745	EA	10" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,078.94	422.13
		For Class 52 Rating, Deduct	*-378.33*	
		For Class 54 Rating, Add	*523.58*	
		For Class 55 Rating, Add	*782.33*	
		For Class 56 Rating, Add	*1,037.64*	
40 05 19 00-2746	EA	10" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,317.30	425.62
		For Class 52 Rating, Deduct	*-403.97*	
		For Class 54 Rating, Add	*558.60*	
		For Class 55 Rating, Add	*834.43*	
		For Class 56 Rating, Add	*1,106.58*	
40 05 19 00-2747	EA	10" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,555.66	429.10
		For Class 52 Rating, Deduct	*-429.61*	
		For Class 54 Rating, Add	*593.63*	
		For Class 55 Rating, Add	*886.53*	
		For Class 56 Rating, Add	*1,175.53*	
40 05 19 00-2748	EA	10" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,794.01	432.59
		For Class 52 Rating, Deduct	*-455.24*	
		For Class 54 Rating, Add	*628.65*	
		For Class 55 Rating, Add	*938.63*	
		For Class 56 Rating, Add	*1,244.47*	
40 05 19 00-2749	EA	10" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,032.37	436.08
		For Class 52 Rating, Deduct	*-480.88*	
		For Class 54 Rating, Add	*663.67*	
		For Class 55 Rating, Add	*990.73*	
		For Class 56 Rating, Add	*1,313.42*	
40 05 19 00-2750	EA	10" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,270.73	439.57
		For Class 52 Rating, Deduct	*-506.52*	
		For Class 54 Rating, Add	*698.70*	
		For Class 55 Rating, Add	*1,042.84*	
		For Class 56 Rating, Add	*1,382.37*	
40 05 19 00-2751	EA	10" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,509.09	443.05
		For Class 52 Rating, Deduct	*-532.16*	
		For Class 54 Rating, Add	*733.72*	
		For Class 55 Rating, Add	*1,094.94*	
		For Class 56 Rating, Add	*1,451.31*	
40 05 19 00-2752	EA	10" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,747.44	446.54
		For Class 52 Rating, Deduct	*-557.79*	
		For Class 54 Rating, Add	*768.75*	
		For Class 55 Rating, Add	*1,147.04*	
		For Class 56 Rating, Add	*1,520.26*	
40 05 19 00-2753	EA	10" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,985.80	450.03
		For Class 52 Rating, Deduct	*-583.43*	
		For Class 54 Rating, Add	*803.77*	
		For Class 55 Rating, Add	*1,199.14*	
		For Class 56 Rating, Add	*1,589.21*	
40 05 19 00-2754	EA	10" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,224.15	453.52
		For Class 52 Rating, Deduct	*-609.07*	
		For Class 54 Rating, Add	*838.80*	
		For Class 55 Rating, Add	*1,251.24*	
		For Class 56 Rating, Add	*1,658.15*	
40 05 19 00-2755	EA	10" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,462.51	457.01
		For Class 52 Rating, Deduct	*-634.71*	
		For Class 54 Rating, Add	*873.82*	
		For Class 55 Rating, Add	*1,303.34*	
		For Class 56 Rating, Add	*1,727.10*	
40 05 19 00-2756	EA	10" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,700.88	460.50
		For Class 52 Rating, Deduct	*-660.35*	
		For Class 54 Rating, Add	*908.84*	
		For Class 55 Rating, Add	*1,355.45*	
		For Class 56 Rating, Add	*1,796.04*	
40 05 19 00-2757	EA	10" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,939.23	463.99
		For Class 52 Rating, Deduct	*-685.98*	
		For Class 54 Rating, Add	*943.87*	
		For Class 55 Rating, Add	*1,407.55*	
		For Class 56 Rating, Add	*1,864.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2758	EA	10" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,177.59	467.48
		For Class 52 Rating, Deduct	*-711.62*	
		For Class 54 Rating, Add	*978.89*	
		For Class 55 Rating, Add	*1,459.65*	
		For Class 56 Rating, Add	*1,933.94*	
40 05 19 00-2759	EA	10" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,415.94	470.96
		For Class 52 Rating, Deduct	*-737.26*	
		For Class 54 Rating, Add	*1,013.92*	
		For Class 55 Rating, Add	*1,511.75*	
		For Class 56 Rating, Add	*2,002.88*	
40 05 19 00-2760	EA	10" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,654.30	474.45
		For Class 52 Rating, Deduct	*-762.90*	
		For Class 54 Rating, Add	*1,048.94*	
		For Class 55 Rating, Add	*1,563.85*	
		For Class 56 Rating, Add	*2,071.83*	
40 05 19 00-2761	EA	10" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,892.65	477.94
		For Class 52 Rating, Deduct	*-788.53*	
		For Class 54 Rating, Add	*1,083.96*	
		For Class 55 Rating, Add	*1,615.95*	
		For Class 56 Rating, Add	*2,140.77*	
40 05 19 00-2762	EA	10" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,131.01	481.43
		For Class 52 Rating, Deduct	*-814.17*	
		For Class 54 Rating, Add	*1,118.99*	
		For Class 55 Rating, Add	*1,668.05*	
		For Class 56 Rating, Add	*2,209.72*	
40 05 19 00-2763	EA	10" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,369.36	484.92
		For Class 52 Rating, Deduct	*-839.81*	
		For Class 54 Rating, Add	*1,154.01*	
		For Class 55 Rating, Add	*1,720.16*	
		For Class 56 Rating, Add	*2,278.67*	
40 05 19 00-2764	EA	10" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,607.72	488.41
		For Class 52 Rating, Deduct	*-865.45*	
		For Class 54 Rating, Add	*1,189.04*	
		For Class 55 Rating, Add	*1,772.26*	
		For Class 56 Rating, Add	*2,347.61*	
40 05 19 00-2765	EA	10" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,846.08	491.90
		For Class 52 Rating, Deduct	*-891.08*	
		For Class 54 Rating, Add	*1,224.06*	
		For Class 55 Rating, Add	*1,824.36*	
		For Class 56 Rating, Add	*2,416.56*	
40 05 19 00-2766	EA	10" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,084.43	495.39
		For Class 52 Rating, Deduct	*-916.72*	
		For Class 54 Rating, Add	*1,259.08*	
		For Class 55 Rating, Add	*1,876.46*	
		For Class 56 Rating, Add	*2,485.50*	
40 05 19 00-2767	EA	10" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,322.79	498.87
		For Class 52 Rating, Deduct	*-942.36*	
		For Class 54 Rating, Add	*1,294.11*	
		For Class 55 Rating, Add	*1,928.56*	
		For Class 56 Rating, Add	*2,554.45*	
40 05 19 00-2768	EA	10" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,561.14	502.36
		For Class 52 Rating, Deduct	*-968.00*	
		For Class 54 Rating, Add	*1,329.13*	
		For Class 55 Rating, Add	*1,980.66*	
		For Class 56 Rating, Add	*2,623.40*	
40 05 19 00-2769	EA	10" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,799.50	505.85
		For Class 52 Rating, Deduct	*-993.64*	
		For Class 54 Rating, Add	*1,364.15*	
		For Class 55 Rating, Add	*2,032.76*	
		For Class 56 Rating, Add	*2,692.34*	
40 05 19 00-2770	EA	10" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,037.85	509.34
		For Class 52 Rating, Deduct	*-1,019.27*	
		For Class 54 Rating, Add	*1,399.18*	
		For Class 55 Rating, Add	*2,084.87*	
		For Class 56 Rating, Add	*2,761.29*	
40 05 19 00-2771	EA	10" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,276.21	512.83
		For Class 52 Rating, Deduct	*-1,044.91*	
		For Class 54 Rating, Add	*1,434.20*	
		For Class 55 Rating, Add	*2,136.97*	
		For Class 56 Rating, Add	*2,830.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2772	EA	10" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,514.56	516.32
		For Class 52 Rating, Deduct	*-1,070.55*	
		For Class 54 Rating, Add	*1,469.23*	
		For Class 55 Rating, Add	*2,189.07*	
		For Class 56 Rating, Add	*2,899.18*	
40 05 19 00-2773	EA	10" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,752.92	519.81
		For Class 52 Rating, Deduct	*-1,096.19*	
		For Class 54 Rating, Add	*1,504.25*	
		For Class 55 Rating, Add	*2,241.17*	
		For Class 56 Rating, Add	*2,968.13*	
40 05 19 00-2774	EA	10" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,991.28	523.30
		For Class 52 Rating, Deduct	*-1,121.82*	
		For Class 54 Rating, Add	*1,539.27*	
		For Class 55 Rating, Add	*2,293.27*	
		For Class 56 Rating, Add	*3,037.07*	
40 05 19 00-2775		**12" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe** *(40 05 19 00-2614)*		
40 05 19 00-2776	EA	12" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,503.80	488.41
		For Class 52 Rating, Deduct	*-194.02*	
		For Class 54 Rating, Add	*273.45*	
		For Class 55 Rating, Add	*411.08*	
		For Class 56 Rating, Add	*546.96*	
40 05 19 00-2777	EA	12" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,798.85	491.90
		For Class 52 Rating, Deduct	*-225.89*	
		For Class 54 Rating, Add	*316.97*	
		For Class 55 Rating, Add	*475.83*	
		For Class 56 Rating, Add	*632.63*	
40 05 19 00-2778	EA	12" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,093.89	495.39
		For Class 52 Rating, Deduct	*-257.76*	
		For Class 54 Rating, Add	*360.50*	
		For Class 55 Rating, Add	*540.57*	
		For Class 56 Rating, Add	*718.29*	
40 05 19 00-2779	EA	12" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,388.95	498.87
		For Class 52 Rating, Deduct	*-289.64*	
		For Class 54 Rating, Add	*404.03*	
		For Class 55 Rating, Add	*605.32*	
		For Class 56 Rating, Add	*803.97*	
40 05 19 00-2780	EA	12" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,683.99	502.36
		For Class 52 Rating, Deduct	*-321.51*	
		For Class 54 Rating, Add	*447.56*	
		For Class 55 Rating, Add	*670.06*	
		For Class 56 Rating, Add	*889.64*	
40 05 19 00-2781	EA	12" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,979.04	505.85
		For Class 52 Rating, Deduct	*-353.38*	
		For Class 54 Rating, Add	*491.09*	
		For Class 55 Rating, Add	*734.80*	
		For Class 56 Rating, Add	*975.31*	
40 05 19 00-2782	EA	12" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,274.09	509.34
		For Class 52 Rating, Deduct	*-385.26*	
		For Class 54 Rating, Add	*534.61*	
		For Class 55 Rating, Add	*799.55*	
		For Class 56 Rating, Add	*1,060.98*	
40 05 19 00-2783	EA	12" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,569.14	512.83
		For Class 52 Rating, Deduct	*-417.13*	
		For Class 54 Rating, Add	*578.14*	
		For Class 55 Rating, Add	*864.29*	
		For Class 56 Rating, Add	*1,146.65*	
40 05 19 00-2784	EA	12" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,864.18	516.32
		For Class 52 Rating, Deduct	*-449.01*	
		For Class 54 Rating, Add	*621.67*	
		For Class 55 Rating, Add	*929.03*	
		For Class 56 Rating, Add	*1,232.32*	
40 05 19 00-2785	EA	12" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,159.23	519.81
		For Class 52 Rating, Deduct	*-480.88*	
		For Class 54 Rating, Add	*665.20*	
		For Class 55 Rating, Add	*993.78*	
		For Class 56 Rating, Add	*1,317.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2786	EA	12" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,454.29	523.30
		For Class 52 Rating, Deduct	*-512.76*	
		For Class 54 Rating, Add	*708.73*	
		For Class 55 Rating, Add	*1,058.52*	
		For Class 56 Rating, Add	*1,403.66*	
40 05 19 00-2787	EA	12" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,749.33	526.79
		For Class 52 Rating, Deduct	*-544.63*	
		For Class 54 Rating, Add	*752.25*	
		For Class 55 Rating, Add	*1,123.27*	
		For Class 56 Rating, Add	*1,489.33*	
40 05 19 00-2788	EA	12" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,044.38	530.27
		For Class 52 Rating, Deduct	*-576.50*	
		For Class 54 Rating, Add	*795.78*	
		For Class 55 Rating, Add	*1,188.01*	
		For Class 56 Rating, Add	*1,575.00*	
40 05 19 00-2789	EA	12" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,339.43	533.76
		For Class 52 Rating, Deduct	*-608.38*	
		For Class 54 Rating, Add	*839.31*	
		For Class 55 Rating, Add	*1,252.76*	
		For Class 56 Rating, Add	*1,660.67*	
40 05 19 00-2790	EA	12" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,634.48	537.25
		For Class 52 Rating, Deduct	*-640.25*	
		For Class 54 Rating, Add	*882.84*	
		For Class 55 Rating, Add	*1,317.50*	
		For Class 56 Rating, Add	*1,746.34*	
40 05 19 00-2791	EA	12" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,929.52	540.74
		For Class 52 Rating, Deduct	*-672.12*	
		For Class 54 Rating, Add	*926.36*	
		For Class 55 Rating, Add	*1,382.24*	
		For Class 56 Rating, Add	*1,832.01*	
40 05 19 00-2792	EA	12" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,224.58	544.23
		For Class 52 Rating, Deduct	*-704.00*	
		For Class 54 Rating, Add	*969.89*	
		For Class 55 Rating, Add	*1,446.99*	
		For Class 56 Rating, Add	*1,917.68*	
40 05 19 00-2793	EA	12" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,519.62	547.72
		For Class 52 Rating, Deduct	*-735.87*	
		For Class 54 Rating, Add	*1,013.42*	
		For Class 55 Rating, Add	*1,511.73*	
		For Class 56 Rating, Add	*2,003.35*	
40 05 19 00-2794	EA	12" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,814.67	551.21
		For Class 52 Rating, Deduct	*-767.75*	
		For Class 54 Rating, Add	*1,056.95*	
		For Class 55 Rating, Add	*1,576.47*	
		For Class 56 Rating, Add	*2,089.02*	
40 05 19 00-2795	EA	12" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,109.73	554.70
		For Class 52 Rating, Deduct	*-799.62*	
		For Class 54 Rating, Add	*1,100.48*	
		For Class 55 Rating, Add	*1,641.22*	
		For Class 56 Rating, Add	*2,174.69*	
40 05 19 00-2796	EA	12" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,404.77	558.18
		For Class 52 Rating, Deduct	*-831.49*	
		For Class 54 Rating, Add	*1,144.00*	
		For Class 55 Rating, Add	*1,705.96*	
		For Class 56 Rating, Add	*2,260.36*	
40 05 19 00-2797	EA	12" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,699.82	561.67
		For Class 52 Rating, Deduct	*-863.37*	
		For Class 54 Rating, Add	*1,187.53*	
		For Class 55 Rating, Add	*1,770.71*	
		For Class 56 Rating, Add	*2,346.03*	
40 05 19 00-2798	EA	12" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,994.87	565.16
		For Class 52 Rating, Deduct	*-895.24*	
		For Class 54 Rating, Add	*1,231.06*	
		For Class 55 Rating, Add	*1,835.45*	
		For Class 56 Rating, Add	*2,431.70*	
40 05 19 00-2799	EA	12" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,289.92	568.65
		For Class 52 Rating, Deduct	*-927.12*	
		For Class 54 Rating, Add	*1,274.59*	
		For Class 55 Rating, Add	*1,900.20*	
		For Class 56 Rating, Add	*2,517.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2800	EA	12" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,584.96	572.14
		For Class 52 Rating, Deduct	*-958.99*	
		For Class 54 Rating, Add	*1,318.12*	
		For Class 55 Rating, Add	*1,964.94*	
		For Class 56 Rating, Add	*2,603.04*	
40 05 19 00-2801	EA	12" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,880.02	575.63
		For Class 52 Rating, Deduct	*-990.86*	
		For Class 54 Rating, Add	*1,361.64*	
		For Class 55 Rating, Add	*2,029.68*	
		For Class 56 Rating, Add	*2,688.72*	
40 05 19 00-2802	EA	12" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,175.06	579.12
		For Class 52 Rating, Deduct	*-1,022.74*	
		For Class 54 Rating, Add	*1,405.17*	
		For Class 55 Rating, Add	*2,094.43*	
		For Class 56 Rating, Add	*2,774.39*	
40 05 19 00-2803	EA	12" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,470.11	582.61
		For Class 52 Rating, Deduct	*-1,054.61*	
		For Class 54 Rating, Add	*1,448.70*	
		For Class 55 Rating, Add	*2,159.17*	
		For Class 56 Rating, Add	*2,860.06*	
40 05 19 00-2804	EA	12" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,765.17	586.09
		For Class 52 Rating, Deduct	*-1,086.49*	
		For Class 54 Rating, Add	*1,492.23*	
		For Class 55 Rating, Add	*2,223.92*	
		For Class 56 Rating, Add	*2,945.73*	
40 05 19 00-2805	EA	12" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,060.22	589.58
		For Class 52 Rating, Deduct	*-1,118.36*	
		For Class 54 Rating, Add	*1,535.76*	
		For Class 55 Rating, Add	*2,288.66*	
		For Class 56 Rating, Add	*3,031.40*	
40 05 19 00-2806	EA	12" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,355.27	593.07
		For Class 52 Rating, Deduct	*-1,150.23*	
		For Class 54 Rating, Add	*1,579.28*	
		For Class 55 Rating, Add	*2,353.40*	
		For Class 56 Rating, Add	*3,117.07*	
40 05 19 00-2807	EA	12" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,650.32	596.56
		For Class 52 Rating, Deduct	*-1,182.11*	
		For Class 54 Rating, Add	*1,622.81*	
		For Class 55 Rating, Add	*2,418.15*	
		For Class 56 Rating, Add	*3,202.74*	
40 05 19 00-2808	EA	12" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,945.37	600.05
		For Class 52 Rating, Deduct	*-1,213.98*	
		For Class 54 Rating, Add	*1,666.34*	
		For Class 55 Rating, Add	*2,482.89*	
		For Class 56 Rating, Add	*3,288.41*	
40 05 19 00-2809	EA	12" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,240.41	603.54
		For Class 52 Rating, Deduct	*-1,245.86*	
		For Class 54 Rating, Add	*1,709.87*	
		For Class 55 Rating, Add	*2,547.64*	
		For Class 56 Rating, Add	*3,374.08*	
40 05 19 00-2810	EA	12" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,535.46	607.03
		For Class 52 Rating, Deduct	*-1,277.73*	
		For Class 54 Rating, Add	*1,753.39*	
		For Class 55 Rating, Add	*2,612.38*	
		For Class 56 Rating, Add	*3,459.75*	
40 05 19 00-2811	EA	12" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,830.52	610.52
		For Class 52 Rating, Deduct	*-1,309.60*	
		For Class 54 Rating, Add	*1,796.92*	
		For Class 55 Rating, Add	*2,677.12*	
		For Class 56 Rating, Add	*3,545.42*	
40 05 19 00-2812	EA	12" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,125.56	614.00
		For Class 52 Rating, Deduct	*-1,341.48*	
		For Class 54 Rating, Add	*1,840.45*	
		For Class 55 Rating, Add	*2,741.87*	
		For Class 56 Rating, Add	*3,631.09*	
40 05 19 00-2813	EA	12" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,420.61	617.49
		For Class 52 Rating, Deduct	*-1,373.35*	
		For Class 54 Rating, Add	*1,883.98*	
		For Class 55 Rating, Add	*2,806.61*	
		For Class 56 Rating, Add	*3,716.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2814	EA	12" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,715.66	620.98
		For Class 52 Rating, Deduct	*-1,405.23*	
		For Class 54 Rating, Add	*1,927.51*	
		For Class 55 Rating, Add	*2,871.36*	
		For Class 56 Rating, Add	*3,802.43*	
40 05 19 00-2815		**14" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe** *(40 05 19 00-2614)*		
40 05 19 00-2816	EA	14" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,489.59	586.09
		For Class 52 Rating, Deduct	*-286.17*	
		For Class 54 Rating, Add	*400.89*	
		For Class 55 Rating, Add	*601.46*	
		For Class 56 Rating, Add	*799.43*	
40 05 19 00-2817	EA	14" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,847.63	589.58
		For Class 52 Rating, Deduct	*-324.98*	
		For Class 54 Rating, Add	*453.87*	
		For Class 55 Rating, Add	*680.25*	
		For Class 56 Rating, Add	*903.68*	
40 05 19 00-2818	EA	14" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,205.68	593.07
		For Class 52 Rating, Deduct	*-363.78*	
		For Class 54 Rating, Add	*506.85*	
		For Class 55 Rating, Add	*759.05*	
		For Class 56 Rating, Add	*1,007.94*	
40 05 19 00-2819	EA	14" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,563.72	596.56
		For Class 52 Rating, Deduct	*-402.58*	
		For Class 54 Rating, Add	*559.82*	
		For Class 55 Rating, Add	*837.84*	
		For Class 56 Rating, Add	*1,112.19*	
40 05 19 00-2820	EA	14" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,921.76	600.05
		For Class 52 Rating, Deduct	*-441.38*	
		For Class 54 Rating, Add	*612.80*	
		For Class 55 Rating, Add	*916.63*	
		For Class 56 Rating, Add	*1,216.44*	
40 05 19 00-2821	EA	14" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,279.80	603.54
		For Class 52 Rating, Deduct	*-480.19*	
		For Class 54 Rating, Add	*665.78*	
		For Class 55 Rating, Add	*995.42*	
		For Class 56 Rating, Add	*1,320.70*	
40 05 19 00-2822	EA	14" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,637.84	607.03
		For Class 52 Rating, Deduct	*-518.99*	
		For Class 54 Rating, Add	*718.75*	
		For Class 55 Rating, Add	*1,074.21*	
		For Class 56 Rating, Add	*1,424.95*	
40 05 19 00-2823	EA	14" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,995.89	610.52
		For Class 52 Rating, Deduct	*-557.79*	
		For Class 54 Rating, Add	*771.73*	
		For Class 55 Rating, Add	*1,153.00*	
		For Class 56 Rating, Add	*1,529.20*	
40 05 19 00-2824	EA	14" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,353.92	614.00
		For Class 52 Rating, Deduct	*-596.60*	
		For Class 54 Rating, Add	*824.71*	
		For Class 55 Rating, Add	*1,231.79*	
		For Class 56 Rating, Add	*1,633.46*	
40 05 19 00-2825	EA	14" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,711.97	617.49
		For Class 52 Rating, Deduct	*-635.40*	
		For Class 54 Rating, Add	*877.68*	
		For Class 55 Rating, Add	*1,310.58*	
		For Class 56 Rating, Add	*1,737.71*	
40 05 19 00-2826	EA	14" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,070.00	620.98
		For Class 52 Rating, Deduct	*-674.20*	
		For Class 54 Rating, Add	*930.66*	
		For Class 55 Rating, Add	*1,389.37*	
		For Class 56 Rating, Add	*1,841.96*	
40 05 19 00-2827	EA	14" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,428.05	624.47
		For Class 52 Rating, Deduct	*-713.01*	
		For Class 54 Rating, Add	*983.64*	
		For Class 55 Rating, Add	*1,468.17*	
		For Class 56 Rating, Add	*1,946.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2828	EA	14" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,786.08	627.96
		For Class 52 Rating, Deduct	*-751.81*	
		For Class 54 Rating, Add	*1,036.61*	
		For Class 55 Rating, Add	*1,546.96*	
		For Class 56 Rating, Add	*2,050.47*	
40 05 19 00-2829	EA	14" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,144.13	631.45
		For Class 52 Rating, Deduct	*-790.61*	
		For Class 54 Rating, Add	*1,089.59*	
		For Class 55 Rating, Add	*1,625.75*	
		For Class 56 Rating, Add	*2,154.72*	
40 05 19 00-2830	EA	14" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,502.16	634.94
		For Class 52 Rating, Deduct	*-829.42*	
		For Class 54 Rating, Add	*1,142.57*	
		For Class 55 Rating, Add	*1,704.54*	
		For Class 56 Rating, Add	*2,258.97*	
40 05 19 00-2831	EA	14" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,860.21	638.43
		For Class 52 Rating, Deduct	*-868.22*	
		For Class 54 Rating, Add	*1,195.54*	
		For Class 55 Rating, Add	*1,783.33*	
		For Class 56 Rating, Add	*2,363.23*	
40 05 19 00-2832	EA	14" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,218.25	641.91
		For Class 52 Rating, Deduct	*-907.02*	
		For Class 54 Rating, Add	*1,248.52*	
		For Class 55 Rating, Add	*1,862.12*	
		For Class 56 Rating, Add	*2,467.48*	
40 05 19 00-2833	EA	14" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,576.29	645.40
		For Class 52 Rating, Deduct	*-945.83*	
		For Class 54 Rating, Add	*1,301.50*	
		For Class 55 Rating, Add	*1,940.91*	
		For Class 56 Rating, Add	*2,571.73*	
40 05 19 00-2834	EA	14" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,934.33	648.89
		For Class 52 Rating, Deduct	*-984.63*	
		For Class 54 Rating, Add	*1,354.47*	
		For Class 55 Rating, Add	*2,019.70*	
		For Class 56 Rating, Add	*2,675.99*	
40 05 19 00-2835	EA	14" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,292.37	652.38
		For Class 52 Rating, Deduct	*-1,023.43*	
		For Class 54 Rating, Add	*1,407.45*	
		For Class 55 Rating, Add	*2,098.50*	
		For Class 56 Rating, Add	*2,780.24*	
40 05 19 00-2836	EA	14" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,650.41	655.87
		For Class 52 Rating, Deduct	*-1,062.23*	
		For Class 54 Rating, Add	*1,460.43*	
		For Class 55 Rating, Add	*2,177.29*	
		For Class 56 Rating, Add	*2,884.49*	
40 05 19 00-2837	EA	14" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,008.45	659.36
		For Class 52 Rating, Deduct	*-1,101.04*	
		For Class 54 Rating, Add	*1,513.40*	
		For Class 55 Rating, Add	*2,256.08*	
		For Class 56 Rating, Add	*2,988.75*	
40 05 19 00-2838	EA	14" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,366.49	662.85
		For Class 52 Rating, Deduct	*-1,139.84*	
		For Class 54 Rating, Add	*1,566.38*	
		For Class 55 Rating, Add	*2,334.87*	
		For Class 56 Rating, Add	*3,093.00*	
40 05 19 00-2839	EA	14" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,724.53	666.34
		For Class 52 Rating, Deduct	*-1,178.64*	
		For Class 54 Rating, Add	*1,619.36*	
		For Class 55 Rating, Add	*2,413.66*	
		For Class 56 Rating, Add	*3,197.25*	
40 05 19 00-2840	EA	14" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,082.57	669.82
		For Class 52 Rating, Deduct	*-1,217.45*	
		For Class 54 Rating, Add	*1,672.33*	
		For Class 55 Rating, Add	*2,492.45*	
		For Class 56 Rating, Add	*3,301.50*	
40 05 19 00-2841	EA	14" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,440.62	673.31
		For Class 52 Rating, Deduct	*-1,256.25*	
		For Class 54 Rating, Add	*1,725.31*	
		For Class 55 Rating, Add	*2,571.24*	
		For Class 56 Rating, Add	*3,405.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2842	EA	14" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,798.65	676.80
		For Class 52 Rating, Deduct	*-1,295.05*	
		For Class 54 Rating, Add	*1,778.29*	
		For Class 55 Rating, Add	*2,650.03*	
		For Class 56 Rating, Add	*3,510.01*	
40 05 19 00-2843	EA	14" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,156.70	680.29
		For Class 52 Rating, Deduct	*-1,333.86*	
		For Class 54 Rating, Add	*1,831.26*	
		For Class 55 Rating, Add	*2,728.83*	
		For Class 56 Rating, Add	*3,614.26*	
40 05 19 00-2844	EA	14" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,514.74	683.78
		For Class 52 Rating, Deduct	*-1,372.66*	
		For Class 54 Rating, Add	*1,884.24*	
		For Class 55 Rating, Add	*2,807.62*	
		For Class 56 Rating, Add	*3,718.52*	
40 05 19 00-2845	EA	14" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,872.78	687.27
		For Class 52 Rating, Deduct	*-1,411.46*	
		For Class 54 Rating, Add	*1,937.22*	
		For Class 55 Rating, Add	*2,886.41*	
		For Class 56 Rating, Add	*3,822.77*	
40 05 19 00-2846	EA	14" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,230.82	690.76
		For Class 52 Rating, Deduct	*-1,450.27*	
		For Class 54 Rating, Add	*1,990.19*	
		For Class 55 Rating, Add	*2,965.20*	
		For Class 56 Rating, Add	*3,927.03*	
40 05 19 00-2847	EA	14" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,588.86	694.25
		For Class 52 Rating, Deduct	*-1,489.07*	
		For Class 54 Rating, Add	*2,043.17*	
		For Class 55 Rating, Add	*3,043.99*	
		For Class 56 Rating, Add	*4,031.28*	
40 05 19 00-2848	EA	14" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,946.90	697.74
		For Class 52 Rating, Deduct	*-1,527.87*	
		For Class 54 Rating, Add	*2,096.15*	
		For Class 55 Rating, Add	*3,122.78*	
		For Class 56 Rating, Add	*4,135.53*	
40 05 19 00-2849	EA	14" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,304.94	701.22
		For Class 52 Rating, Deduct	*-1,566.67*	
		For Class 54 Rating, Add	*2,149.12*	
		For Class 55 Rating, Add	*3,201.57*	
		For Class 56 Rating, Add	*4,239.78*	
40 05 19 00-2850	EA	14" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,662.99	704.71
		For Class 52 Rating, Deduct	*-1,605.48*	
		For Class 54 Rating, Add	*2,202.10*	
		For Class 55 Rating, Add	*3,280.37*	
		For Class 56 Rating, Add	*4,344.04*	
40 05 19 00-2851	EA	14" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,021.02	708.20
		For Class 52 Rating, Deduct	*-1,644.28*	
		For Class 54 Rating, Add	*2,255.08*	
		For Class 55 Rating, Add	*3,359.16*	
		For Class 56 Rating, Add	*4,448.29*	
40 05 19 00-2852	EA	14" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,379.07	711.69
		For Class 52 Rating, Deduct	*-1,683.08*	
		For Class 54 Rating, Add	*2,308.05*	
		For Class 55 Rating, Add	*3,437.95*	
		For Class 56 Rating, Add	*4,552.54*	
40 05 19 00-2853	EA	14" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,737.10	715.17
		For Class 52 Rating, Deduct	*-1,721.89*	
		For Class 54 Rating, Add	*2,361.03*	
		For Class 55 Rating, Add	*3,516.74*	
		For Class 56 Rating, Add	*4,656.79*	

40 05 19 00-2854 16" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2614)*

40 05 19 00-2855	EA	16" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,085.74	669.82
		For Class 52 Rating, Deduct	*-337.79*	
		For Class 54 Rating, Add	*472.81*	
		For Class 55 Rating, Add	*709.16*	
		For Class 56 Rating, Add	*942.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2856	EA	16" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,500.48	673.31
		For Class 52 Rating, Deduct	*-382.83*	
		For Class 54 Rating, Add	*534.29*	
		For Class 55 Rating, Add	*800.59*	
		For Class 56 Rating, Add	*1,063.42*	
40 05 19 00-2857	EA	16" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,915.21	676.80
		For Class 52 Rating, Deduct	*-427.87*	
		For Class 54 Rating, Add	*595.77*	
		For Class 55 Rating, Add	*892.03*	
		For Class 56 Rating, Add	*1,184.40*	
40 05 19 00-2858	EA	16" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,329.94	680.29
		For Class 52 Rating, Deduct	*-472.91*	
		For Class 54 Rating, Add	*657.25*	
		For Class 55 Rating, Add	*983.46*	
		For Class 56 Rating, Add	*1,305.37*	
40 05 19 00-2859	EA	16" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,744.67	683.78
		For Class 52 Rating, Deduct	*-517.95*	
		For Class 54 Rating, Add	*718.73*	
		For Class 55 Rating, Add	*1,074.89*	
		For Class 56 Rating, Add	*1,426.35*	
40 05 19 00-2860	EA	16" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,159.41	687.27
		For Class 52 Rating, Deduct	*-562.99*	
		For Class 54 Rating, Add	*780.21*	
		For Class 55 Rating, Add	*1,166.33*	
		For Class 56 Rating, Add	*1,547.33*	
40 05 19 00-2861	EA	16" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,574.14	690.76
		For Class 52 Rating, Deduct	*-608.03*	
		For Class 54 Rating, Add	*841.69*	
		For Class 55 Rating, Add	*1,257.76*	
		For Class 56 Rating, Add	*1,668.30*	
40 05 19 00-2862	EA	16" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,988.88	694.25
		For Class 52 Rating, Deduct	*-653.07*	
		For Class 54 Rating, Add	*903.17*	
		For Class 55 Rating, Add	*1,349.20*	
		For Class 56 Rating, Add	*1,789.28*	
40 05 19 00-2863	EA	16" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,403.60	697.74
		For Class 52 Rating, Deduct	*-698.11*	
		For Class 54 Rating, Add	*964.65*	
		For Class 55 Rating, Add	*1,440.63*	
		For Class 56 Rating, Add	*1,910.26*	
40 05 19 00-2864	EA	16" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,818.34	701.22
		For Class 52 Rating, Deduct	*-743.15*	
		For Class 54 Rating, Add	*1,026.13*	
		For Class 55 Rating, Add	*1,532.06*	
		For Class 56 Rating, Add	*2,031.24*	
40 05 19 00-2865	EA	16" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,233.08	704.71
		For Class 52 Rating, Deduct	*-788.19*	
		For Class 54 Rating, Add	*1,087.61*	
		For Class 55 Rating, Add	*1,623.50*	
		For Class 56 Rating, Add	*2,152.21*	
40 05 19 00-2866	EA	16" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,647.81	708.20
		For Class 52 Rating, Deduct	*-833.23*	
		For Class 54 Rating, Add	*1,149.09*	
		For Class 55 Rating, Add	*1,714.93*	
		For Class 56 Rating, Add	*2,273.19*	
40 05 19 00-2867	EA	16" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,062.55	711.69
		For Class 52 Rating, Deduct	*-878.27*	
		For Class 54 Rating, Add	*1,210.58*	
		For Class 55 Rating, Add	*1,806.36*	
		For Class 56 Rating, Add	*2,394.17*	
40 05 19 00-2868	EA	16" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,477.27	715.17
		For Class 52 Rating, Deduct	*-923.30*	
		For Class 54 Rating, Add	*1,272.06*	
		For Class 55 Rating, Add	*1,897.80*	
		For Class 56 Rating, Add	*2,515.14*	
40 05 19 00-2869	EA	16" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,892.01	718.66
		For Class 52 Rating, Deduct	*-968.34*	
		For Class 54 Rating, Add	*1,333.54*	
		For Class 55 Rating, Add	*1,989.23*	
		For Class 56 Rating, Add	*2,636.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2870	EA	16" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,306.75	722.15
		For Class 52 Rating, Deduct	*-1,013.38*	
		For Class 54 Rating, Add	*1,395.02*	
		For Class 55 Rating, Add	*2,080.67*	
		For Class 56 Rating, Add	*2,757.10*	
40 05 19 00-2871	EA	16" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,721.49	725.64
		For Class 52 Rating, Deduct	*-1,058.42*	
		For Class 54 Rating, Add	*1,456.50*	
		For Class 55 Rating, Add	*2,172.10*	
		For Class 56 Rating, Add	*2,878.08*	
40 05 19 00-2872	EA	16" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,136.22	729.12
		For Class 52 Rating, Deduct	*-1,103.46*	
		For Class 54 Rating, Add	*1,517.98*	
		For Class 55 Rating, Add	*2,263.53*	
		For Class 56 Rating, Add	*2,999.06*	
40 05 19 00-2873	EA	16" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,550.95	732.61
		For Class 52 Rating, Deduct	*-1,148.50*	
		For Class 54 Rating, Add	*1,579.46*	
		For Class 55 Rating, Add	*2,354.97*	
		For Class 56 Rating, Add	*3,120.03*	
40 05 19 00-2874	EA	16" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,965.69	736.10
		For Class 52 Rating, Deduct	*-1,193.54*	
		For Class 54 Rating, Add	*1,640.94*	
		For Class 55 Rating, Add	*2,446.40*	
		For Class 56 Rating, Add	*3,241.01*	
40 05 19 00-2875	EA	16" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,380.42	739.59
		For Class 52 Rating, Deduct	*-1,238.58*	
		For Class 54 Rating, Add	*1,702.42*	
		For Class 55 Rating, Add	*2,537.83*	
		For Class 56 Rating, Add	*3,361.99*	
40 05 19 00-2876	EA	16" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,795.16	743.08
		For Class 52 Rating, Deduct	*-1,283.62*	
		For Class 54 Rating, Add	*1,763.90*	
		For Class 55 Rating, Add	*2,629.27*	
		For Class 56 Rating, Add	*3,482.97*	
40 05 19 00-2877	EA	16" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,209.89	746.57
		For Class 52 Rating, Deduct	*-1,328.66*	
		For Class 54 Rating, Add	*1,825.38*	
		For Class 55 Rating, Add	*2,720.70*	
		For Class 56 Rating, Add	*3,603.94*	
40 05 19 00-2878	EA	16" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,624.62	750.06
		For Class 52 Rating, Deduct	*-1,373.70*	
		For Class 54 Rating, Add	*1,886.86*	
		For Class 55 Rating, Add	*2,812.13*	
		For Class 56 Rating, Add	*3,724.92*	
40 05 19 00-2879	EA	16" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,039.35	753.55
		For Class 52 Rating, Deduct	*-1,418.74*	
		For Class 54 Rating, Add	*1,948.34*	
		For Class 55 Rating, Add	*2,903.57*	
		For Class 56 Rating, Add	*3,845.90*	
40 05 19 00-2880	EA	16" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,454.09	757.03
		For Class 52 Rating, Deduct	*-1,463.78*	
		For Class 54 Rating, Add	*2,009.82*	
		For Class 55 Rating, Add	*2,995.00*	
		For Class 56 Rating, Add	*3,966.88*	
40 05 19 00-2881	EA	16" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,868.82	760.52
		For Class 52 Rating, Deduct	*-1,508.82*	
		For Class 54 Rating, Add	*2,071.30*	
		For Class 55 Rating, Add	*3,086.44*	
		For Class 56 Rating, Add	*4,087.85*	
40 05 19 00-2882	EA	16" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,283.56	764.01
		For Class 52 Rating, Deduct	*-1,553.86*	
		For Class 54 Rating, Add	*2,132.79*	
		For Class 55 Rating, Add	*3,177.87*	
		For Class 56 Rating, Add	*4,208.83*	
40 05 19 00-2883	EA	16" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,698.29	767.50
		For Class 52 Rating, Deduct	*-1,598.89*	
		For Class 54 Rating, Add	*2,194.26*	
		For Class 55 Rating, Add	*3,269.30*	
		For Class 56 Rating, Add	*4,329.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2884	EA	16" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,113.02	770.99
		For Class 52 Rating, Deduct	*-1,643.93*	
		For Class 54 Rating, Add	*2,255.75*	
		For Class 55 Rating, Add	*3,360.74*	
		For Class 56 Rating, Add	*4,450.78*	
40 05 19 00-2885	EA	16" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,527.76	774.48
		For Class 52 Rating, Deduct	*-1,688.97*	
		For Class 54 Rating, Add	*2,317.23*	
		For Class 55 Rating, Add	*3,452.17*	
		For Class 56 Rating, Add	*4,571.76*	
40 05 19 00-2886	EA	16" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,942.49	777.97
		For Class 52 Rating, Deduct	*-1,734.01*	
		For Class 54 Rating, Add	*2,378.71*	
		For Class 55 Rating, Add	*3,543.61*	
		For Class 56 Rating, Add	*4,692.74*	
40 05 19 00-2887	EA	16" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,357.23	781.46
		For Class 52 Rating, Deduct	*-1,779.05*	
		For Class 54 Rating, Add	*2,440.19*	
		For Class 55 Rating, Add	*3,635.04*	
		For Class 56 Rating, Add	*4,813.72*	
40 05 19 00-2888	EA	16" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,771.95	784.94
		For Class 52 Rating, Deduct	*-1,824.09*	
		For Class 54 Rating, Add	*2,501.67*	
		For Class 55 Rating, Add	*3,726.47*	
		For Class 56 Rating, Add	*4,934.69*	
40 05 19 00-2889	EA	16" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,186.69	788.43
		For Class 52 Rating, Deduct	*-1,869.13*	
		For Class 54 Rating, Add	*2,563.15*	
		For Class 55 Rating, Add	*3,817.91*	
		For Class 56 Rating, Add	*5,055.67*	
40 05 19 00-2890	EA	16" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,601.42	791.92
		For Class 52 Rating, Deduct	*-1,914.17*	
		For Class 54 Rating, Add	*2,624.63*	
		For Class 55 Rating, Add	*3,909.34*	
		For Class 56 Rating, Add	*5,176.65*	
40 05 19 00-2891	EA	16" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,016.16	795.41
		For Class 52 Rating, Deduct	*-1,959.21*	
		For Class 54 Rating, Add	*2,686.11*	
		For Class 55 Rating, Add	*4,000.77*	
		For Class 56 Rating, Add	*5,297.63*	
40 05 19 00-2892	EA	16" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,430.90	798.90
		For Class 52 Rating, Deduct	*-2,004.25*	
		For Class 54 Rating, Add	*2,747.59*	
		For Class 55 Rating, Add	*4,092.21*	
		For Class 56 Rating, Add	*5,418.61*	

40 05 19 00-2893 18" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2614)*

40 05 19 00-2894	EA	18" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,781.64	754.95
		For Class 52 Rating, Deduct	*-400.16*	
		For Class 54 Rating, Add	*559.39*	
		For Class 55 Rating, Add	*838.68*	
		For Class 56 Rating, Add	*1,114.33*	
40 05 19 00-2895	EA	18" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,259.37	758.44
		For Class 52 Rating, Deduct	*-452.13*	
		For Class 54 Rating, Add	*630.32*	
		For Class 55 Rating, Add	*944.16*	
		For Class 56 Rating, Add	*1,253.89*	
40 05 19 00-2896	EA	18" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,737.09	761.93
		For Class 52 Rating, Deduct	*-504.09*	
		For Class 54 Rating, Add	*701.25*	
		For Class 55 Rating, Add	*1,049.64*	
		For Class 56 Rating, Add	*1,393.45*	
40 05 19 00-2897	EA	18" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,214.82	765.42
		For Class 52 Rating, Deduct	*-556.06*	
		For Class 54 Rating, Add	*772.18*	
		For Class 55 Rating, Add	*1,155.12*	
		For Class 56 Rating, Add	*1,533.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2898	EA	18" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,692.55	768.91
		For Class 52 Rating, Deduct	*-608.03*	
		For Class 54 Rating, Add	*843.11*	
		For Class 55 Rating, Add	*1,260.60*	
		For Class 56 Rating, Add	*1,672.57*	
40 05 19 00-2899	EA	18" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,170.27	772.40
		For Class 52 Rating, Deduct	*-660.00*	
		For Class 54 Rating, Add	*914.04*	
		For Class 55 Rating, Add	*1,366.08*	
		For Class 56 Rating, Add	*1,812.13*	
40 05 19 00-2900	EA	18" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,648.00	775.89
		For Class 52 Rating, Deduct	*-711.97*	
		For Class 54 Rating, Add	*984.97*	
		For Class 55 Rating, Add	*1,471.57*	
		For Class 56 Rating, Add	*1,951.69*	
40 05 19 00-2901	EA	18" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,125.72	779.38
		For Class 52 Rating, Deduct	*-763.94*	
		For Class 54 Rating, Add	*1,055.90*	
		For Class 55 Rating, Add	*1,577.05*	
		For Class 56 Rating, Add	*2,091.25*	
40 05 19 00-2902	EA	18" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,603.45	782.86
		For Class 52 Rating, Deduct	*-815.90*	
		For Class 54 Rating, Add	*1,126.83*	
		For Class 55 Rating, Add	*1,682.53*	
		For Class 56 Rating, Add	*2,230.81*	
40 05 19 00-2903	EA	18" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,081.17	786.34
		For Class 52 Rating, Deduct	*-867.87*	
		For Class 54 Rating, Add	*1,197.76*	
		For Class 55 Rating, Add	*1,788.01*	
		For Class 56 Rating, Add	*2,370.37*	
40 05 19 00-2904	EA	18" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,558.90	789.83
		For Class 52 Rating, Deduct	*-919.84*	
		For Class 54 Rating, Add	*1,268.69*	
		For Class 55 Rating, Add	*1,893.49*	
		For Class 56 Rating, Add	*2,509.93*	
40 05 19 00-2905	EA	18" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,036.63	793.32
		For Class 52 Rating, Deduct	*-971.81*	
		For Class 54 Rating, Add	*1,339.62*	
		For Class 55 Rating, Add	*1,998.97*	
		For Class 56 Rating, Add	*2,649.49*	
40 05 19 00-2906	EA	18" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,514.35	796.81
		For Class 52 Rating, Deduct	*-1,023.78*	
		For Class 54 Rating, Add	*1,410.55*	
		For Class 55 Rating, Add	*2,104.45*	
		For Class 56 Rating, Add	*2,789.05*	
40 05 19 00-2907	EA	18" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,992.09	800.30
		For Class 52 Rating, Deduct	*-1,075.75*	
		For Class 54 Rating, Add	*1,481.48*	
		For Class 55 Rating, Add	*2,209.93*	
		For Class 56 Rating, Add	*2,928.61*	
40 05 19 00-2908	EA	18" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,469.81	803.79
		For Class 52 Rating, Deduct	*-1,127.71*	
		For Class 54 Rating, Add	*1,552.41*	
		For Class 55 Rating, Add	*2,315.41*	
		For Class 56 Rating, Add	*3,068.17*	
40 05 19 00-2909	EA	18" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,947.54	807.28
		For Class 52 Rating, Deduct	*-1,179.68*	
		For Class 54 Rating, Add	*1,623.34*	
		For Class 55 Rating, Add	*2,420.89*	
		For Class 56 Rating, Add	*3,207.73*	
40 05 19 00-2910	EA	18" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,425.26	810.76
		For Class 52 Rating, Deduct	*-1,231.65*	
		For Class 54 Rating, Add	*1,694.27*	
		For Class 55 Rating, Add	*2,526.38*	
		For Class 56 Rating, Add	*3,347.29*	
40 05 19 00-2911	EA	18" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,902.99	814.25
		For Class 52 Rating, Deduct	*-1,283.62*	
		For Class 54 Rating, Add	*1,765.20*	
		For Class 55 Rating, Add	*2,631.86*	
		For Class 56 Rating, Add	*3,486.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2912	EA	18" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,380.71	817.74
		For Class 52 Rating, Deduct	*-1,335.59*	
		For Class 54 Rating, Add	*1,836.12*	
		For Class 55 Rating, Add	*2,737.34*	
		For Class 56 Rating, Add	*3,626.41*	
40 05 19 00-2913	EA	18" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,858.44	821.23
		For Class 52 Rating, Deduct	*-1,387.56*	
		For Class 54 Rating, Add	*1,907.05*	
		For Class 55 Rating, Add	*2,842.82*	
		For Class 56 Rating, Add	*3,765.97*	
40 05 19 00-2914	EA	18" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,336.17	824.72
		For Class 52 Rating, Deduct	*-1,439.52*	
		For Class 54 Rating, Add	*1,977.98*	
		For Class 55 Rating, Add	*2,948.30*	
		For Class 56 Rating, Add	*3,905.53*	
40 05 19 00-2915	EA	18" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,813.89	828.21
		For Class 52 Rating, Deduct	*-1,491.49*	
		For Class 54 Rating, Add	*2,048.91*	
		For Class 55 Rating, Add	*3,053.78*	
		For Class 56 Rating, Add	*4,045.09*	
40 05 19 00-2916	EA	18" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,291.62	831.70
		For Class 52 Rating, Deduct	*-1,543.46*	
		For Class 54 Rating, Add	*2,119.84*	
		For Class 55 Rating, Add	*3,159.26*	
		For Class 56 Rating, Add	*4,184.65*	
40 05 19 00-2917	EA	18" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,769.34	835.19
		For Class 52 Rating, Deduct	*-1,595.43*	
		For Class 54 Rating, Add	*2,190.77*	
		For Class 55 Rating, Add	*3,264.74*	
		For Class 56 Rating, Add	*4,324.21*	
40 05 19 00-2918	EA	18" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,247.07	838.67
		For Class 52 Rating, Deduct	*-1,647.40*	
		For Class 54 Rating, Add	*2,261.70*	
		For Class 55 Rating, Add	*3,370.22*	
		For Class 56 Rating, Add	*4,463.77*	
40 05 19 00-2919	EA	18" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,724.79	842.16
		For Class 52 Rating, Deduct	*-1,699.37*	
		For Class 54 Rating, Add	*2,332.63*	
		For Class 55 Rating, Add	*3,475.70*	
		For Class 56 Rating, Add	*4,603.33*	
40 05 19 00-2920	EA	18" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,202.52	845.65
		For Class 52 Rating, Deduct	*-1,751.34*	
		For Class 54 Rating, Add	*2,403.56*	
		For Class 55 Rating, Add	*3,581.19*	
		For Class 56 Rating, Add	*4,742.89*	
40 05 19 00-2921	EA	18" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,680.24	849.14
		For Class 52 Rating, Deduct	*-1,803.30*	
		For Class 54 Rating, Add	*2,474.49*	
		For Class 55 Rating, Add	*3,686.67*	
		For Class 56 Rating, Add	*4,882.45*	
40 05 19 00-2922	EA	18" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,157.97	852.63
		For Class 52 Rating, Deduct	*-1,855.27*	
		For Class 54 Rating, Add	*2,545.42*	
		For Class 55 Rating, Add	*3,792.15*	
		For Class 56 Rating, Add	*5,022.01*	
40 05 19 00-2923	EA	18" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,635.70	856.12
		For Class 52 Rating, Deduct	*-1,907.24*	
		For Class 54 Rating, Add	*2,616.35*	
		For Class 55 Rating, Add	*3,897.63*	
		For Class 56 Rating, Add	*5,161.57*	
40 05 19 00-2924	EA	18" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,113.42	859.61
		For Class 52 Rating, Deduct	*-1,959.21*	
		For Class 54 Rating, Add	*2,687.28*	
		For Class 55 Rating, Add	*4,003.11*	
		For Class 56 Rating, Add	*5,301.13*	
40 05 19 00-2925	EA	18" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,591.15	863.10
		For Class 52 Rating, Deduct	*-2,011.18*	
		For Class 54 Rating, Add	*2,758.21*	
		For Class 55 Rating, Add	*4,108.59*	
		For Class 56 Rating, Add	*5,440.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2926	EA	18" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,068.87	866.58
		For Class 52 Rating, Deduct	*-2,063.15*	
		For Class 54 Rating, Add	*2,829.14*	
		For Class 55 Rating, Add	*4,214.07*	
		For Class 56 Rating, Add	*5,580.25*	
40 05 19 00-2927	EA	18" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,546.60	870.07
		For Class 52 Rating, Deduct	*-2,115.11*	
		For Class 54 Rating, Add	*2,900.07*	
		For Class 55 Rating, Add	*4,319.55*	
		For Class 56 Rating, Add	*5,719.81*	
40 05 19 00-2928	EA	18" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,024.32	873.56
		For Class 52 Rating, Deduct	*-2,167.08*	
		For Class 54 Rating, Add	*2,971.00*	
		For Class 55 Rating, Add	*4,425.03*	
		For Class 56 Rating, Add	*5,859.37*	
40 05 19 00-2929	EA	18" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,502.05	877.05
		For Class 52 Rating, Deduct	*-2,219.05*	
		For Class 54 Rating, Add	*3,041.92*	
		For Class 55 Rating, Add	*4,530.51*	
		For Class 56 Rating, Add	*5,998.93*	
40 05 19 00-2930	EA	18" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,979.77	880.54
		For Class 52 Rating, Deduct	*-2,271.02*	
		For Class 54 Rating, Add	*3,112.85*	
		For Class 55 Rating, Add	*4,635.99*	
		For Class 56 Rating, Add	*6,138.49*	
40 05 19 00-2931	EA	18" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,457.50	884.03
		For Class 52 Rating, Deduct	*-2,322.99*	
		For Class 54 Rating, Add	*3,183.78*	
		For Class 55 Rating, Add	*4,741.48*	
		For Class 56 Rating, Add	*6,278.05*	

40 05 19 00-2932 20" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2614)*

40 05 19 00-2933	EA	20" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,541.82	861.70
		For Class 52 Rating, Deduct	*-465.98*	
		For Class 54 Rating, Add	*651.10*	
		For Class 55 Rating, Add	*976.01*	
		For Class 56 Rating, Add	*1,296.68*	
40 05 19 00-2934	EA	20" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,085.68	865.19
		For Class 52 Rating, Deduct	*-525.23*	
		For Class 54 Rating, Add	*731.95*	
		For Class 55 Rating, Add	*1,096.24*	
		For Class 56 Rating, Add	*1,455.76*	
40 05 19 00-2935	EA	20" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,629.56	868.68
		For Class 52 Rating, Deduct	*-584.47*	
		For Class 54 Rating, Add	*812.80*	
		For Class 55 Rating, Add	*1,216.47*	
		For Class 56 Rating, Add	*1,614.83*	
40 05 19 00-2936	EA	20" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,173.42	872.16
		For Class 52 Rating, Deduct	*-643.72*	
		For Class 54 Rating, Add	*893.65*	
		For Class 55 Rating, Add	*1,336.70*	
		For Class 56 Rating, Add	*1,773.90*	
40 05 19 00-2937	EA	20" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,717.29	875.65
		For Class 52 Rating, Deduct	*-702.96*	
		For Class 54 Rating, Add	*974.50*	
		For Class 55 Rating, Add	*1,456.93*	
		For Class 56 Rating, Add	*1,932.97*	
40 05 19 00-2938	EA	20" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,261.15	879.14
		For Class 52 Rating, Deduct	*-762.20*	
		For Class 54 Rating, Add	*1,055.35*	
		For Class 55 Rating, Add	*1,577.16*	
		For Class 56 Rating, Add	*2,092.04*	
40 05 19 00-2939	EA	20" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,805.02	882.63
		For Class 52 Rating, Deduct	*-821.45*	
		For Class 54 Rating, Add	*1,136.20*	
		For Class 55 Rating, Add	*1,697.39*	
		For Class 56 Rating, Add	*2,251.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2940	EA	20" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,348.89	886.12
		For Class 52 Rating, Deduct	*-880.69*	
		For Class 54 Rating, Add	*1,217.05*	
		For Class 55 Rating, Add	*1,817.62*	
		For Class 56 Rating, Add	*2,410.19*	
40 05 19 00-2941	EA	20" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,892.75	889.61
		For Class 52 Rating, Deduct	*-939.93*	
		For Class 54 Rating, Add	*1,297.90*	
		For Class 55 Rating, Add	*1,937.85*	
		For Class 56 Rating, Add	*2,569.26*	
40 05 19 00-2942	EA	20" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,436.63	893.10
		For Class 52 Rating, Deduct	*-999.18*	
		For Class 54 Rating, Add	*1,378.76*	
		For Class 55 Rating, Add	*2,058.09*	
		For Class 56 Rating, Add	*2,728.33*	
40 05 19 00-2943	EA	20" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,980.49	896.59
		For Class 52 Rating, Deduct	*-1,058.42*	
		For Class 54 Rating, Add	*1,459.61*	
		For Class 55 Rating, Add	*2,178.32*	
		For Class 56 Rating, Add	*2,887.40*	
40 05 19 00-2944	EA	20" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,524.36	900.07
		For Class 52 Rating, Deduct	*-1,117.67*	
		For Class 54 Rating, Add	*1,540.46*	
		For Class 55 Rating, Add	*2,298.55*	
		For Class 56 Rating, Add	*3,046.47*	
40 05 19 00-2945	EA	20" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,068.22	903.56
		For Class 52 Rating, Deduct	*-1,176.91*	
		For Class 54 Rating, Add	*1,621.31*	
		For Class 55 Rating, Add	*2,418.78*	
		For Class 56 Rating, Add	*3,205.55*	
40 05 19 00-2946	EA	20" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,612.09	907.05
		For Class 52 Rating, Deduct	*-1,236.15*	
		For Class 54 Rating, Add	*1,702.16*	
		For Class 55 Rating, Add	*2,539.01*	
		For Class 56 Rating, Add	*3,364.62*	
40 05 19 00-2947	EA	20" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,155.95	910.54
		For Class 52 Rating, Deduct	*-1,295.40*	
		For Class 54 Rating, Add	*1,783.01*	
		For Class 55 Rating, Add	*2,659.24*	
		For Class 56 Rating, Add	*3,523.69*	
40 05 19 00-2948	EA	20" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,699.83	914.03
		For Class 52 Rating, Deduct	*-1,354.64*	
		For Class 54 Rating, Add	*1,863.86*	
		For Class 55 Rating, Add	*2,779.47*	
		For Class 56 Rating, Add	*3,682.76*	
40 05 19 00-2949	EA	20" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,243.70	917.52
		For Class 52 Rating, Deduct	*-1,413.89*	
		For Class 54 Rating, Add	*1,944.71*	
		For Class 55 Rating, Add	*2,899.70*	
		For Class 56 Rating, Add	*3,841.83*	
40 05 19 00-2950	EA	20" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,787.56	921.01
		For Class 52 Rating, Deduct	*-1,473.13*	
		For Class 54 Rating, Add	*2,025.56*	
		For Class 55 Rating, Add	*3,019.93*	
		For Class 56 Rating, Add	*4,000.91*	
40 05 19 00-2951	EA	20" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,331.43	924.50
		For Class 52 Rating, Deduct	*-1,532.37*	
		For Class 54 Rating, Add	*2,106.41*	
		For Class 55 Rating, Add	*3,140.16*	
		For Class 56 Rating, Add	*4,159.98*	
40 05 19 00-2952	EA	20" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,875.29	927.98
		For Class 52 Rating, Deduct	*-1,591.62*	
		For Class 54 Rating, Add	*2,187.26*	
		For Class 55 Rating, Add	*3,260.39*	
		For Class 56 Rating, Add	*4,319.05*	
40 05 19 00-2953	EA	20" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,419.16	931.47
		For Class 52 Rating, Deduct	*-1,650.86*	
		For Class 54 Rating, Add	*2,268.11*	
		For Class 55 Rating, Add	*3,380.62*	
		For Class 56 Rating, Add	*4,478.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2954	EA	20" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,963.03	934.96
		For Class 52 Rating, Deduct	*-1,710.11*	
		For Class 54 Rating, Add	*2,348.96*	
		For Class 55 Rating, Add	*3,500.85*	
		For Class 56 Rating, Add	*4,637.19*	
40 05 19 00-2955	EA	20" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,506.90	938.45
		For Class 52 Rating, Deduct	*-1,769.35*	
		For Class 54 Rating, Add	*2,429.81*	
		For Class 55 Rating, Add	*3,621.08*	
		For Class 56 Rating, Add	*4,796.27*	
40 05 19 00-2956	EA	20" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,050.76	941.94
		For Class 52 Rating, Deduct	*-1,828.59*	
		For Class 54 Rating, Add	*2,510.66*	
		For Class 55 Rating, Add	*3,741.31*	
		For Class 56 Rating, Add	*4,955.34*	
40 05 19 00-2957	EA	20" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,594.63	945.43
		For Class 52 Rating, Deduct	*-1,887.84*	
		For Class 54 Rating, Add	*2,591.52*	
		For Class 55 Rating, Add	*3,861.54*	
		For Class 56 Rating, Add	*5,114.41*	
40 05 19 00-2958	EA	20" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,138.50	948.92
		For Class 52 Rating, Deduct	*-1,947.08*	
		For Class 54 Rating, Add	*2,672.37*	
		For Class 55 Rating, Add	*3,981.77*	
		For Class 56 Rating, Add	*5,273.48*	
40 05 19 00-2959	EA	20" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,682.36	952.41
		For Class 52 Rating, Deduct	*-2,006.33*	
		For Class 54 Rating, Add	*2,753.22*	
		For Class 55 Rating, Add	*4,102.00*	
		For Class 56 Rating, Add	*5,432.55*	
40 05 19 00-2960	EA	20" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,226.24	955.89
		For Class 52 Rating, Deduct	*-2,065.57*	
		For Class 54 Rating, Add	*2,834.07*	
		For Class 55 Rating, Add	*4,222.24*	
		For Class 56 Rating, Add	*5,591.63*	
40 05 19 00-2961	EA	20" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,770.10	959.38
		For Class 52 Rating, Deduct	*-2,124.82*	
		For Class 54 Rating, Add	*2,914.92*	
		For Class 55 Rating, Add	*4,342.47*	
		For Class 56 Rating, Add	*5,750.70*	
40 05 19 00-2962	EA	20" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,313.97	962.87
		For Class 52 Rating, Deduct	*-2,184.06*	
		For Class 54 Rating, Add	*2,995.77*	
		For Class 55 Rating, Add	*4,462.70*	
		For Class 56 Rating, Add	*5,909.77*	
40 05 19 00-2963	EA	20" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,857.83	966.36
		For Class 52 Rating, Deduct	*-2,243.30*	
		For Class 54 Rating, Add	*3,076.62*	
		For Class 55 Rating, Add	*4,582.93*	
		For Class 56 Rating, Add	*6,068.84*	
40 05 19 00-2964	EA	20" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,401.70	969.85
		For Class 52 Rating, Deduct	*-2,302.55*	
		For Class 54 Rating, Add	*3,157.47*	
		For Class 55 Rating, Add	*4,703.16*	
		For Class 56 Rating, Add	*6,227.91*	
40 05 19 00-2965	EA	20" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,945.56	973.34
		For Class 52 Rating, Deduct	*-2,361.79*	
		For Class 54 Rating, Add	*3,238.32*	
		For Class 55 Rating, Add	*4,823.39*	
		For Class 56 Rating, Add	*6,386.98*	
40 05 19 00-2966	EA	20" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,489.43	976.83
		For Class 52 Rating, Deduct	*-2,421.03*	
		For Class 54 Rating, Add	*3,319.17*	
		For Class 55 Rating, Add	*4,943.62*	
		For Class 56 Rating, Add	*6,546.05*	
40 05 19 00-2967	EA	20" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,033.31	980.32
		For Class 52 Rating, Deduct	*-2,480.28*	
		For Class 54 Rating, Add	*3,400.02*	
		For Class 55 Rating, Add	*5,063.85*	
		For Class 56 Rating, Add	*6,705.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2968	EA	20" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,577.18	983.80
		For Class 52 Rating, Deduct	*-2,539.52*	
		For Class 54 Rating, Add	*3,480.87*	
		For Class 55 Rating, Add	*5,184.08*	
		For Class 56 Rating, Add	*6,864.20*	
40 05 19 00-2969	EA	20" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,121.05	987.29
		For Class 52 Rating, Deduct	*-2,598.77*	
		For Class 54 Rating, Add	*3,561.72*	
		For Class 55 Rating, Add	*5,304.31*	
		For Class 56 Rating, Add	*7,023.27*	
40 05 19 00-2970	EA	20" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,664.91	990.78
		For Class 52 Rating, Deduct	*-2,658.01*	
		For Class 54 Rating, Add	*3,642.57*	
		For Class 55 Rating, Add	*5,424.54*	
		For Class 56 Rating, Add	*7,182.34*	

40 05 19 00-2971 24" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2614)*

40 05 19 00-2972	EA	24" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,891.49	1,018.68
		For Class 52 Rating, Deduct	*-588.28*	
		For Class 54 Rating, Add	*820.72*	
		For Class 55 Rating, Add	*1,229.65*	
		For Class 56 Rating, Add	*1,633.23*	
40 05 19 00-2973	EA	24" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,564.49	1,022.17
		For Class 52 Rating, Deduct	*-661.73*	
		For Class 54 Rating, Add	*920.95*	
		For Class 55 Rating, Add	*1,378.68*	
		For Class 56 Rating, Add	*1,830.40*	
40 05 19 00-2974	EA	24" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,237.49	1,025.66
		For Class 52 Rating, Deduct	*-735.18*	
		For Class 54 Rating, Add	*1,021.17*	
		For Class 55 Rating, Add	*1,527.71*	
		For Class 56 Rating, Add	*2,027.56*	
40 05 19 00-2975	EA	24" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,910.49	1,029.15
		For Class 52 Rating, Deduct	*-808.63*	
		For Class 54 Rating, Add	*1,121.39*	
		For Class 55 Rating, Add	*1,676.73*	
		For Class 56 Rating, Add	*2,224.73*	
40 05 19 00-2976	EA	24" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,583.49	1,032.64
		For Class 52 Rating, Deduct	*-882.08*	
		For Class 54 Rating, Add	*1,221.61*	
		For Class 55 Rating, Add	*1,825.76*	
		For Class 56 Rating, Add	*2,421.90*	
40 05 19 00-2977	EA	24" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,256.49	1,036.13
		For Class 52 Rating, Deduct	*-955.53*	
		For Class 54 Rating, Add	*1,321.83*	
		For Class 55 Rating, Add	*1,974.79*	
		For Class 56 Rating, Add	*2,619.06*	
40 05 19 00-2978	EA	24" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,929.49	1,039.62
		For Class 52 Rating, Deduct	*-1,028.97*	
		For Class 54 Rating, Add	*1,422.05*	
		For Class 55 Rating, Add	*2,123.82*	
		For Class 56 Rating, Add	*2,816.23*	
40 05 19 00-2979	EA	24" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,602.50	1,043.10
		For Class 52 Rating, Deduct	*-1,102.42*	
		For Class 54 Rating, Add	*1,522.27*	
		For Class 55 Rating, Add	*2,272.84*	
		For Class 56 Rating, Add	*3,013.40*	
40 05 19 00-2980	EA	24" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,275.49	1,046.59
		For Class 52 Rating, Deduct	*-1,175.87*	
		For Class 54 Rating, Add	*1,622.49*	
		For Class 55 Rating, Add	*2,421.87*	
		For Class 56 Rating, Add	*3,210.56*	
40 05 19 00-2981	EA	24" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,948.50	1,050.08
		For Class 52 Rating, Deduct	*-1,249.32*	
		For Class 54 Rating, Add	*1,722.71*	
		For Class 55 Rating, Add	*2,570.90*	
		For Class 56 Rating, Add	*3,407.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2982	EA	24" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,621.49	1,053.57
		For Class 52 Rating, Deduct	*-1,322.77*	
		For Class 54 Rating, Add	*1,822.93*	
		For Class 55 Rating, Add	*2,719.92*	
		For Class 56 Rating, Add	*3,604.89*	
40 05 19 00-2983	EA	24" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,294.50	1,057.06
		For Class 52 Rating, Deduct	*-1,396.22*	
		For Class 54 Rating, Add	*1,923.15*	
		For Class 55 Rating, Add	*2,868.95*	
		For Class 56 Rating, Add	*3,802.06*	
40 05 19 00-2984	EA	24" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,967.49	1,060.55
		For Class 52 Rating, Deduct	*-1,469.67*	
		For Class 54 Rating, Add	*2,023.37*	
		For Class 55 Rating, Add	*3,017.98*	
		For Class 56 Rating, Add	*3,999.23*	
40 05 19 00-2985	EA	24" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,640.50	1,064.04
		For Class 52 Rating, Deduct	*-1,543.12*	
		For Class 54 Rating, Add	*2,123.59*	
		For Class 55 Rating, Add	*3,167.01*	
		For Class 56 Rating, Add	*4,196.39*	
40 05 19 00-2986	EA	24" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,313.50	1,067.53
		For Class 52 Rating, Deduct	*-1,616.56*	
		For Class 54 Rating, Add	*2,223.81*	
		For Class 55 Rating, Add	*3,316.03*	
		For Class 56 Rating, Add	*4,393.56*	
40 05 19 00-2987	EA	24" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,986.50	1,071.01
		For Class 52 Rating, Deduct	*-1,690.01*	
		For Class 54 Rating, Add	*2,324.04*	
		For Class 55 Rating, Add	*3,465.06*	
		For Class 56 Rating, Add	*4,590.73*	
40 05 19 00-2988	EA	24" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,659.50	1,074.50
		For Class 52 Rating, Deduct	*-1,763.46*	
		For Class 54 Rating, Add	*2,424.26*	
		For Class 55 Rating, Add	*3,614.09*	
		For Class 56 Rating, Add	*4,787.89*	
40 05 19 00-2989	EA	24" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,332.50	1,077.99
		For Class 52 Rating, Deduct	*-1,836.91*	
		For Class 54 Rating, Add	*2,524.48*	
		For Class 55 Rating, Add	*3,763.12*	
		For Class 56 Rating, Add	*4,985.06*	
40 05 19 00-2990	EA	24" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,005.50	1,081.48
		For Class 52 Rating, Deduct	*-1,910.36*	
		For Class 54 Rating, Add	*2,624.70*	
		For Class 55 Rating, Add	*3,912.14*	
		For Class 56 Rating, Add	*5,182.22*	
40 05 19 00-2991	EA	24" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,678.50	1,084.97
		For Class 52 Rating, Deduct	*-1,983.81*	
		For Class 54 Rating, Add	*2,724.92*	
		For Class 55 Rating, Add	*4,061.17*	
		For Class 56 Rating, Add	*5,379.39*	
40 05 19 00-2992	EA	24" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,351.50	1,088.46
		For Class 52 Rating, Deduct	*-2,057.26*	
		For Class 54 Rating, Add	*2,825.14*	
		For Class 55 Rating, Add	*4,210.20*	
		For Class 56 Rating, Add	*5,576.55*	
40 05 19 00-2993	EA	24" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,024.50	1,091.95
		For Class 52 Rating, Deduct	*-2,130.70*	
		For Class 54 Rating, Add	*2,925.36*	
		For Class 55 Rating, Add	*4,359.23*	
		For Class 56 Rating, Add	*5,773.72*	
40 05 19 00-2994	EA	24" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,697.51	1,095.44
		For Class 52 Rating, Deduct	*-2,204.15*	
		For Class 54 Rating, Add	*3,025.58*	
		For Class 55 Rating, Add	*4,508.25*	
		For Class 56 Rating, Add	*5,970.89*	
40 05 19 00-2995	EA	24" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,370.51	1,098.92
		For Class 52 Rating, Deduct	*-2,277.60*	
		For Class 54 Rating, Add	*3,125.80*	
		For Class 55 Rating, Add	*4,657.28*	
		For Class 56 Rating, Add	*6,168.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2996	EA	24" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,043.51	1,102.41
		For Class 52 Rating, Deduct	*-2,351.05*	
		For Class 54 Rating, Add	*3,226.02*	
		For Class 55 Rating, Add	*4,806.31*	
		For Class 56 Rating, Add	*6,365.22*	
40 05 19 00-2997	EA	24" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,716.51	1,105.90
		For Class 52 Rating, Deduct	*-2,424.50*	
		For Class 54 Rating, Add	*3,326.24*	
		For Class 55 Rating, Add	*4,955.34*	
		For Class 56 Rating, Add	*6,562.39*	
40 05 19 00-2998	EA	24" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,389.51	1,109.39
		For Class 52 Rating, Deduct	*-2,497.95*	
		For Class 54 Rating, Add	*3,426.46*	
		For Class 55 Rating, Add	*5,104.36*	
		For Class 56 Rating, Add	*6,759.55*	
40 05 19 00-2999	EA	24" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,062.51	1,112.88
		For Class 52 Rating, Deduct	*-2,571.40*	
		For Class 54 Rating, Add	*3,526.68*	
		For Class 55 Rating, Add	*5,253.39*	
		For Class 56 Rating, Add	*6,956.72*	
40 05 19 00-3000	EA	24" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,735.52	1,116.37
		For Class 52 Rating, Deduct	*-2,644.85*	
		For Class 54 Rating, Add	*3,626.91*	
		For Class 55 Rating, Add	*5,402.42*	
		For Class 56 Rating, Add	*7,153.89*	
40 05 19 00-3001	EA	24" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,498.37	1,179.17
		For Class 52 Rating, Deduct	*-2,718.29*	
		For Class 54 Rating, Add	*3,728.20*	
		For Class 55 Rating, Add	*5,553.60*	
		For Class 56 Rating, Add	*7,354.29*	
40 05 19 00-3002	EA	24" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,171.38	1,182.65
		For Class 52 Rating, Deduct	*-2,791.74*	
		For Class 54 Rating, Add	*3,828.42*	
		For Class 55 Rating, Add	*5,702.63*	
		For Class 56 Rating, Add	*7,551.46*	
40 05 19 00-3003	EA	24" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,844.37	1,186.14
		For Class 52 Rating, Deduct	*-2,865.19*	
		For Class 54 Rating, Add	*3,928.64*	
		For Class 55 Rating, Add	*5,851.66*	
		For Class 56 Rating, Add	*7,748.62*	
40 05 19 00-3004	EA	24" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,517.38	1,189.63
		For Class 52 Rating, Deduct	*-2,938.64*	
		For Class 54 Rating, Add	*4,028.87*	
		For Class 55 Rating, Add	*6,000.68*	
		For Class 56 Rating, Add	*7,945.79*	
40 05 19 00-3005	EA	24" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,190.38	1,193.12
		For Class 52 Rating, Deduct	*-3,012.09*	
		For Class 54 Rating, Add	*4,129.09*	
		For Class 55 Rating, Add	*6,149.71*	
		For Class 56 Rating, Add	*8,142.95*	
40 05 19 00-3006	EA	24" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,860.23	1,196.61
		For Class 52 Rating, Deduct	*-3,085.19*	
		For Class 54 Rating, Add	*4,228.83*	
		For Class 55 Rating, Add	*6,298.04*	
		For Class 56 Rating, Add	*8,339.19*	
40 05 19 00-3007	EA	24" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,536.38	1,200.10
		For Class 52 Rating, Deduct	*-3,158.99*	
		For Class 54 Rating, Add	*4,329.53*	
		For Class 55 Rating, Add	*6,447.77*	
		For Class 56 Rating, Add	*8,537.28*	
40 05 19 00-3008	EA	24" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,209.38	1,203.59
		For Class 52 Rating, Deduct	*-3,232.43*	
		For Class 54 Rating, Add	*4,429.75*	
		For Class 55 Rating, Add	*6,596.79*	
		For Class 56 Rating, Add	*8,734.45*	
40 05 19 00-3009	EA	24" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,882.38	1,207.08
		For Class 52 Rating, Deduct	*-3,305.88*	
		For Class 54 Rating, Add	*4,529.97*	
		For Class 55 Rating, Add	*6,745.82*	
		For Class 56 Rating, Add	*8,931.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3010		30" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2614)*		
40 05 19 00-3011	EA	30" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,599.80	1,437.33
		For Class 52 Rating, Deduct	*-926.42*	
		For Class 54 Rating, Add	*1,289.44*	
		For Class 55 Rating, Add	*1,930.38*	
		For Class 56 Rating, Add	*2,562.90*	
40 05 19 00-3012	EA	30" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,562.56	1,440.81
		For Class 52 Rating, Deduct	*-1,031.75*	
		For Class 54 Rating, Add	*1,433.12*	
		For Class 55 Rating, Add	*2,144.02*	
		For Class 56 Rating, Add	*2,845.55*	
40 05 19 00-3013	EA	30" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,525.33	1,444.30
		For Class 52 Rating, Deduct	*-1,137.07*	
		For Class 54 Rating, Add	*1,576.81*	
		For Class 55 Rating, Add	*2,357.67*	
		For Class 56 Rating, Add	*3,128.19*	
40 05 19 00-3014	EA	30" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,488.09	1,447.79
		For Class 52 Rating, Deduct	*-1,242.39*	
		For Class 54 Rating, Add	*1,720.49*	
		For Class 55 Rating, Add	*2,571.31*	
		For Class 56 Rating, Add	*3,410.84*	
40 05 19 00-3015	EA	30" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,450.85	1,451.28
		For Class 52 Rating, Deduct	*-1,347.71*	
		For Class 54 Rating, Add	*1,864.18*	
		For Class 55 Rating, Add	*2,784.96*	
		For Class 56 Rating, Add	*3,693.48*	
40 05 19 00-3016	EA	30" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,413.61	1,454.77
		For Class 52 Rating, Deduct	*-1,453.04*	
		For Class 54 Rating, Add	*2,007.86*	
		For Class 55 Rating, Add	*2,998.60*	
		For Class 56 Rating, Add	*3,976.13*	
40 05 19 00-3017	EA	30" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,376.38	1,458.26
		For Class 52 Rating, Deduct	*-1,558.36*	
		For Class 54 Rating, Add	*2,151.55*	
		For Class 55 Rating, Add	*3,212.25*	
		For Class 56 Rating, Add	*4,258.78*	
40 05 19 00-3018	EA	30" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,339.14	1,461.75
		For Class 52 Rating, Deduct	*-1,663.68*	
		For Class 54 Rating, Add	*2,295.23*	
		For Class 55 Rating, Add	*3,425.89*	
		For Class 56 Rating, Add	*4,541.42*	
40 05 19 00-3019	EA	30" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,301.91	1,465.24
		For Class 52 Rating, Deduct	*-1,769.00*	
		For Class 54 Rating, Add	*2,438.92*	
		For Class 55 Rating, Add	*3,639.54*	
		For Class 56 Rating, Add	*4,824.07*	
40 05 19 00-3020	EA	30" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,264.68	1,468.72
		For Class 52 Rating, Deduct	*-1,874.33*	
		For Class 54 Rating, Add	*2,582.61*	
		For Class 55 Rating, Add	*3,853.18*	
		For Class 56 Rating, Add	*5,106.72*	
40 05 19 00-3021	EA	30" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,227.43	1,472.21
		For Class 52 Rating, Deduct	*-1,979.65*	
		For Class 54 Rating, Add	*2,726.29*	
		For Class 55 Rating, Add	*4,066.82*	
		For Class 56 Rating, Add	*5,389.36*	
40 05 19 00-3022	EA	30" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,190.20	1,475.70
		For Class 52 Rating, Deduct	*-2,084.97*	
		For Class 54 Rating, Add	*2,869.97*	
		For Class 55 Rating, Add	*4,280.47*	
		For Class 56 Rating, Add	*5,672.01*	
40 05 19 00-3023	EA	30" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,152.96	1,479.19
		For Class 52 Rating, Deduct	*-2,190.29*	
		For Class 54 Rating, Add	*3,013.66*	
		For Class 55 Rating, Add	*4,494.11*	
		For Class 56 Rating, Add	*5,954.65*	
40 05 19 00-3024	EA	30" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,115.73	1,482.68
		For Class 52 Rating, Deduct	*-2,295.62*	
		For Class 54 Rating, Add	*3,157.35*	
		For Class 55 Rating, Add	*4,707.76*	
		For Class 56 Rating, Add	*6,237.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3025	EA	30" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,078.49	1,486.17
		For Class 52 Rating, Deduct	*-2,400.94*	
		For Class 54 Rating, Add	*3,301.03*	
		For Class 55 Rating, Add	*4,921.40*	
		For Class 56 Rating, Add	*6,519.95*	
40 05 19 00-3026	EA	30" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,041.26	1,489.66
		For Class 52 Rating, Deduct	*-2,506.26*	
		For Class 54 Rating, Add	*3,444.72*	
		For Class 55 Rating, Add	*5,135.05*	
		For Class 56 Rating, Add	*6,802.60*	
40 05 19 00-3027	EA	30" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,004.01	1,493.15
		For Class 52 Rating, Deduct	*-2,611.58*	
		For Class 54 Rating, Add	*3,588.40*	
		For Class 55 Rating, Add	*5,348.69*	
		For Class 56 Rating, Add	*7,085.24*	
40 05 19 00-3028	EA	30" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,966.78	1,496.63
		For Class 52 Rating, Deduct	*-2,716.91*	
		For Class 54 Rating, Add	*3,732.09*	
		For Class 55 Rating, Add	*5,562.34*	
		For Class 56 Rating, Add	*7,367.89*	
40 05 19 00-3029	EA	30" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,929.55	1,500.12
		For Class 52 Rating, Deduct	*-2,822.23*	
		For Class 54 Rating, Add	*3,875.77*	
		For Class 55 Rating, Add	*5,775.98*	
		For Class 56 Rating, Add	*7,650.53*	
40 05 19 00-3030	EA	30" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,892.31	1,503.61
		For Class 52 Rating, Deduct	*-2,927.55*	
		For Class 54 Rating, Add	*4,019.46*	
		For Class 55 Rating, Add	*5,989.63*	
		For Class 56 Rating, Add	*7,933.18*	
40 05 19 00-3031	EA	30" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,855.09	1,507.10
		For Class 52 Rating, Deduct	*-3,032.88*	
		For Class 54 Rating, Add	*4,163.14*	
		For Class 55 Rating, Add	*6,203.27*	
		For Class 56 Rating, Add	*8,215.83*	
40 05 19 00-3032	EA	30" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,817.85	1,510.59
		For Class 52 Rating, Deduct	*-3,138.20*	
		For Class 54 Rating, Add	*4,306.83*	
		For Class 55 Rating, Add	*6,416.92*	
		For Class 56 Rating, Add	*8,498.47*	
40 05 19 00-3033	EA	30" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,780.62	1,514.08
		For Class 52 Rating, Deduct	*-3,243.52*	
		For Class 54 Rating, Add	*4,450.51*	
		For Class 55 Rating, Add	*6,630.56*	
		For Class 56 Rating, Add	*8,781.12*	
40 05 19 00-3034	EA	30" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,743.37	1,517.57
		For Class 52 Rating, Deduct	*-3,348.84*	
		For Class 54 Rating, Add	*4,594.20*	
		For Class 55 Rating, Add	*6,844.20*	
		For Class 56 Rating, Add	*9,063.77*	
40 05 19 00-3035	EA	30" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,706.14	1,521.06
		For Class 52 Rating, Deduct	*-3,454.17*	
		For Class 54 Rating, Add	*4,737.88*	
		For Class 55 Rating, Add	*7,057.85*	
		For Class 56 Rating, Add	*9,346.41*	
40 05 19 00-3036	EA	30" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,668.91	1,524.55
		For Class 52 Rating, Deduct	*-3,559.49*	
		For Class 54 Rating, Add	*4,881.57*	
		For Class 55 Rating, Add	*7,271.49*	
		For Class 56 Rating, Add	*9,629.06*	
40 05 19 00-3037	EA	30" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,631.67	1,528.03
		For Class 52 Rating, Deduct	*-3,664.81*	
		For Class 54 Rating, Add	*5,025.25*	
		For Class 55 Rating, Add	*7,485.14*	
		For Class 56 Rating, Add	*9,911.71*	
40 05 19 00-3038	EA	30" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,594.44	1,531.52
		For Class 52 Rating, Deduct	*-3,770.13*	
		For Class 54 Rating, Add	*5,168.94*	
		For Class 55 Rating, Add	*7,698.78*	
		For Class 56 Rating, Add	*10,194.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3039	EA	30" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,557.20	1,535.01
		For Class 52 Rating, Deduct	*-3,875.46*	
		For Class 54 Rating, Add	*5,312.62*	
		For Class 55 Rating, Add	*7,912.43*	
		For Class 56 Rating, Add	*10,477.00*	
40 05 19 00-3040	EA	30" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	38,519.96	1,538.50
		For Class 52 Rating, Deduct	*-3,980.78*	
		For Class 54 Rating, Add	*5,456.31*	
		For Class 55 Rating, Add	*8,126.07*	
		For Class 56 Rating, Add	*10,759.64*	
40 05 19 00-3041	EA	30" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,482.72	1,541.99
		For Class 52 Rating, Deduct	*-4,086.10*	
		For Class 54 Rating, Add	*5,599.99*	
		For Class 55 Rating, Add	*8,339.71*	
		For Class 56 Rating, Add	*11,042.29*	
40 05 19 00-3042	EA	30" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,445.49	1,545.48
		For Class 52 Rating, Deduct	*-4,191.42*	
		For Class 54 Rating, Add	*5,743.68*	
		For Class 55 Rating, Add	*8,553.36*	
		For Class 56 Rating, Add	*11,324.94*	
40 05 19 00-3043	EA	30" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	41,408.25	1,548.97
		For Class 52 Rating, Deduct	*-4,296.75*	
		For Class 54 Rating, Add	*5,887.36*	
		For Class 55 Rating, Add	*8,767.00*	
		For Class 56 Rating, Add	*11,607.58*	
40 05 19 00-3044	EA	30" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	42,371.02	1,552.46
		For Class 52 Rating, Deduct	*-4,402.07*	
		For Class 54 Rating, Add	*6,031.05*	
		For Class 55 Rating, Add	*8,980.65*	
		For Class 56 Rating, Add	*11,890.23*	
40 05 19 00-3045	EA	30" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	43,333.79	1,555.94
		For Class 52 Rating, Deduct	*-4,507.39*	
		For Class 54 Rating, Add	*6,174.73*	
		For Class 55 Rating, Add	*9,194.29*	
		For Class 56 Rating, Add	*12,172.88*	

40 05 19 00-3046 36" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2614)*

40 05 19 00-3047	EA	36" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,667.85	1,821.08
		For Class 52 Rating, Deduct	*-1,309.95*	
		For Class 54 Rating, Add	*1,819.41*	
		For Class 55 Rating, Add	*2,721.85*	
		For Class 56 Rating, Add	*3,612.38*	
40 05 19 00-3048	EA	36" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,958.16	1,824.57
		For Class 52 Rating, Deduct	*-1,451.30*	
		For Class 54 Rating, Add	*2,012.22*	
		For Class 55 Rating, Add	*3,008.54*	
		For Class 56 Rating, Add	*3,991.65*	
40 05 19 00-3049	EA	36" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,248.49	1,828.06
		For Class 52 Rating, Deduct	*-1,592.66*	
		For Class 54 Rating, Add	*2,205.04*	
		For Class 55 Rating, Add	*3,295.23*	
		For Class 56 Rating, Add	*4,370.93*	
40 05 19 00-3050	EA	36" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,538.82	1,831.55
		For Class 52 Rating, Deduct	*-1,734.01*	
		For Class 54 Rating, Add	*2,397.86*	
		For Class 55 Rating, Add	*3,581.92*	
		For Class 56 Rating, Add	*4,750.21*	
40 05 19 00-3051	EA	36" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,829.13	1,835.04
		For Class 52 Rating, Deduct	*-1,875.37*	
		For Class 54 Rating, Add	*2,590.68*	
		For Class 55 Rating, Add	*3,868.61*	
		For Class 56 Rating, Add	*5,129.48*	
40 05 19 00-3052	EA	36" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,119.46	1,838.52
		For Class 52 Rating, Deduct	*-2,016.72*	
		For Class 54 Rating, Add	*2,783.50*	
		For Class 55 Rating, Add	*4,155.30*	
		For Class 56 Rating, Add	*5,508.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3053	EA	36" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,409.78	1,842.01
		For Class 52 Rating, Deduct	*-2,158.07*	
		For Class 54 Rating, Add	*2,976.32*	
		For Class 55 Rating, Add	*4,441.99*	
		For Class 56 Rating, Add	*5,888.04*	
40 05 19 00-3054	EA	36" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,700.11	1,845.50
		For Class 52 Rating, Deduct	*-2,299.43*	
		For Class 54 Rating, Add	*3,169.14*	
		For Class 55 Rating, Add	*4,728.68*	
		For Class 56 Rating, Add	*6,267.31*	
40 05 19 00-3055	EA	36" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,990.42	1,848.99
		For Class 52 Rating, Deduct	*-2,440.78*	
		For Class 54 Rating, Add	*3,361.96*	
		For Class 55 Rating, Add	*5,015.37*	
		For Class 56 Rating, Add	*6,646.59*	
40 05 19 00-3056	EA	36" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,280.75	1,852.48
		For Class 52 Rating, Deduct	*-2,582.14*	
		For Class 54 Rating, Add	*3,554.78*	
		For Class 55 Rating, Add	*5,302.06*	
		For Class 56 Rating, Add	*7,025.87*	
40 05 19 00-3057	EA	36" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,571.07	1,855.96
		For Class 52 Rating, Deduct	*-2,723.49*	
		For Class 54 Rating, Add	*3,747.60*	
		For Class 55 Rating, Add	*5,588.75*	
		For Class 56 Rating, Add	*7,405.14*	
40 05 19 00-3058	EA	36" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,861.39	1,859.45
		For Class 52 Rating, Deduct	*-2,864.84*	
		For Class 54 Rating, Add	*3,940.41*	
		For Class 55 Rating, Add	*5,875.44*	
		For Class 56 Rating, Add	*7,784.42*	
40 05 19 00-3059	EA	36" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,151.72	1,862.94
		For Class 52 Rating, Deduct	*-3,006.20*	
		For Class 54 Rating, Add	*4,133.23*	
		For Class 55 Rating, Add	*6,162.13*	
		For Class 56 Rating, Add	*8,163.69*	
40 05 19 00-3060	EA	36" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,442.04	1,866.43
		For Class 52 Rating, Deduct	*-3,147.55*	
		For Class 54 Rating, Add	*4,326.05*	
		For Class 55 Rating, Add	*6,448.82*	
		For Class 56 Rating, Add	*8,542.97*	
40 05 19 00-3061	EA	36" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,732.36	1,869.91
		For Class 52 Rating, Deduct	*-3,288.91*	
		For Class 54 Rating, Add	*4,518.87*	
		For Class 55 Rating, Add	*6,735.51*	
		For Class 56 Rating, Add	*8,922.24*	
40 05 19 00-3062	EA	36" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,022.68	1,873.40
		For Class 52 Rating, Deduct	*-3,430.26*	
		For Class 54 Rating, Add	*4,711.69*	
		For Class 55 Rating, Add	*7,022.20*	
		For Class 56 Rating, Add	*9,301.52*	
40 05 19 00-3063	EA	36" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,313.01	1,876.89
		For Class 52 Rating, Deduct	*-3,571.62*	
		For Class 54 Rating, Add	*4,904.51*	
		For Class 55 Rating, Add	*7,308.89*	
		For Class 56 Rating, Add	*9,680.80*	
40 05 19 00-3064	EA	36" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,603.32	1,880.38
		For Class 52 Rating, Deduct	*-3,712.97*	
		For Class 54 Rating, Add	*5,097.33*	
		For Class 55 Rating, Add	*7,595.58*	
		For Class 56 Rating, Add	*10,060.07*	
40 05 19 00-3065	EA	36" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,893.65	1,883.87
		For Class 52 Rating, Deduct	*-3,854.32*	
		For Class 54 Rating, Add	*5,290.15*	
		For Class 55 Rating, Add	*7,882.27*	
		For Class 56 Rating, Add	*10,439.35*	
40 05 19 00-3066	EA	36" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,183.97	1,887.36
		For Class 52 Rating, Deduct	*-3,995.68*	
		For Class 54 Rating, Add	*5,482.97*	
		For Class 55 Rating, Add	*8,168.96*	
		For Class 56 Rating, Add	*10,818.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3067	EA	36" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,474.29	1,890.85
		For Class 52 Rating, Deduct	*-4,137.03*	
		For Class 54 Rating, Add	*5,675.78*	
		For Class 55 Rating, Add	*8,455.65*	
		For Class 56 Rating, Add	*11,197.90*	
40 05 19 00-3068	EA	36" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	41,764.62	1,894.34
		For Class 52 Rating, Deduct	*-4,278.39*	
		For Class 54 Rating, Add	*5,868.60*	
		For Class 55 Rating, Add	*8,742.34*	
		For Class 56 Rating, Add	*11,577.18*	
40 05 19 00-3069	EA	36" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	43,054.94	1,897.82
		For Class 52 Rating, Deduct	*-4,419.74*	
		For Class 54 Rating, Add	*6,061.42*	
		For Class 55 Rating, Add	*9,029.03*	
		For Class 56 Rating, Add	*11,956.46*	
40 05 19 00-3070	EA	36" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	44,345.27	1,901.31
		For Class 52 Rating, Deduct	*-4,561.09*	
		For Class 54 Rating, Add	*6,254.24*	
		For Class 55 Rating, Add	*9,315.72*	
		For Class 56 Rating, Add	*12,335.73*	
40 05 19 00-3071	EA	36" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	45,635.59	1,904.80
		For Class 52 Rating, Deduct	*-4,702.45*	
		For Class 54 Rating, Add	*6,447.06*	
		For Class 55 Rating, Add	*9,602.41*	
		For Class 56 Rating, Add	*12,715.01*	
40 05 19 00-3072	EA	36" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	46,925.92	1,908.29
		For Class 52 Rating, Deduct	*-4,843.80*	
		For Class 54 Rating, Add	*6,639.88*	
		For Class 55 Rating, Add	*9,889.10*	
		For Class 56 Rating, Add	*13,094.28*	
40 05 19 00-3073	EA	36" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	48,216.23	1,911.78
		For Class 52 Rating, Deduct	*-4,985.15*	
		For Class 54 Rating, Add	*6,832.70*	
		For Class 55 Rating, Add	*10,175.79*	
		For Class 56 Rating, Add	*13,473.56*	
40 05 19 00-3074	EA	36" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	49,506.56	1,915.27
		For Class 52 Rating, Deduct	*-5,126.51*	
		For Class 54 Rating, Add	*7,025.52*	
		For Class 55 Rating, Add	*10,462.48*	
		For Class 56 Rating, Add	*13,852.84*	
40 05 19 00-3075	EA	36" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	50,796.88	1,918.76
		For Class 52 Rating, Deduct	*-5,267.86*	
		For Class 54 Rating, Add	*7,218.34*	
		For Class 55 Rating, Add	*10,749.17*	
		For Class 56 Rating, Add	*14,232.11*	
40 05 19 00-3076	EA	36" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	52,087.20	1,922.25
		For Class 52 Rating, Deduct	*-5,409.22*	
		For Class 54 Rating, Add	*7,411.16*	
		For Class 55 Rating, Add	*11,035.86*	
		For Class 56 Rating, Add	*14,611.39*	
40 05 19 00-3077	EA	36" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	53,377.53	1,925.73
		For Class 52 Rating, Deduct	*-5,550.57*	
		For Class 54 Rating, Add	*7,603.97*	
		For Class 55 Rating, Add	*11,322.55*	
		For Class 56 Rating, Add	*14,990.66*	
40 05 19 00-3078	EA	36" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	54,667.85	1,929.22
		For Class 52 Rating, Deduct	*-5,691.93*	
		For Class 54 Rating, Add	*7,796.79*	
		For Class 55 Rating, Add	*11,609.24*	
		For Class 56 Rating, Add	*15,369.94*	
40 05 19 00-3079	EA	36" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	55,958.18	1,932.71
		For Class 52 Rating, Deduct	*-5,833.28*	
		For Class 54 Rating, Add	*7,989.61*	
		For Class 55 Rating, Add	*11,895.93*	
		For Class 56 Rating, Add	*15,749.22*	
40 05 19 00-3080	EA	36" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	57,248.49	1,936.20
		For Class 52 Rating, Deduct	*-5,974.63*	
		For Class 54 Rating, Add	*8,182.43*	
		For Class 55 Rating, Add	*12,182.62*	
		For Class 56 Rating, Add	*16,128.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3081	EA	36" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	58,538.82	1,939.69
		For Class 52 Rating, Deduct	*-6,115.99*	
		For Class 54 Rating, Add	*8,375.25*	
		For Class 55 Rating, Add	*12,469.31*	
		For Class 56 Rating, Add	*16,507.77*	

40 05 19 00-3082 Flanged End x Plain End (FxPE), Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2073)*

40 05 19 00-3083 4" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*

40 05 19 00-3084	EA	4" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	790.79	170.62
		For Class 52 Rating, Deduct	*-58.55*	
		For Class 54 Rating, Add	*82.94*	
		For Class 55 Rating, Add	*124.90*	
		For Class 56 Rating, Add	*166.33*	
40 05 19 00-3085	EA	4" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	914.99	173.60
		For Class 52 Rating, Deduct	*-71.72*	
		For Class 54 Rating, Add	*100.95*	
		For Class 55 Rating, Add	*151.70*	
		For Class 56 Rating, Add	*201.80*	
40 05 19 00-3086	EA	4" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,039.19	176.59
		For Class 52 Rating, Deduct	*-84.88*	
		For Class 54 Rating, Add	*118.96*	
		For Class 55 Rating, Add	*178.50*	
		For Class 56 Rating, Add	*237.27*	
40 05 19 00-3087	EA	4" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,163.40	179.56
		For Class 52 Rating, Deduct	*-98.05*	
		For Class 54 Rating, Add	*136.97*	
		For Class 55 Rating, Add	*205.30*	
		For Class 56 Rating, Add	*272.74*	
40 05 19 00-3088	EA	4" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,287.60	182.55
		For Class 52 Rating, Deduct	*-111.21*	
		For Class 54 Rating, Add	*154.97*	
		For Class 55 Rating, Add	*232.10*	
		For Class 56 Rating, Add	*308.21*	
40 05 19 00-3089	EA	4" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,411.81	185.53
		For Class 52 Rating, Deduct	*-124.38*	
		For Class 54 Rating, Add	*172.98*	
		For Class 55 Rating, Add	*258.89*	
		For Class 56 Rating, Add	*343.68*	
40 05 19 00-3090	EA	4" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,536.01	188.52
		For Class 52 Rating, Deduct	*-137.54*	
		For Class 54 Rating, Add	*190.99*	
		For Class 55 Rating, Add	*285.69*	
		For Class 56 Rating, Add	*379.15*	
40 05 19 00-3091	EA	4" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,660.22	191.49
		For Class 52 Rating, Deduct	*-150.71*	
		For Class 54 Rating, Add	*208.99*	
		For Class 55 Rating, Add	*312.49*	
		For Class 56 Rating, Add	*414.62*	
40 05 19 00-3092	EA	4" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,784.42	194.48
		For Class 52 Rating, Deduct	*-163.87*	
		For Class 54 Rating, Add	*227.00*	
		For Class 55 Rating, Add	*339.29*	
		For Class 56 Rating, Add	*450.09*	
40 05 19 00-3093	EA	4" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,908.63	197.46
		For Class 52 Rating, Deduct	*-177.04*	
		For Class 54 Rating, Add	*245.01*	
		For Class 55 Rating, Add	*366.09*	
		For Class 56 Rating, Add	*485.56*	
40 05 19 00-3094	EA	4" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,032.83	200.44
		For Class 52 Rating, Deduct	*-190.20*	
		For Class 54 Rating, Add	*263.01*	
		For Class 55 Rating, Add	*392.88*	
		For Class 56 Rating, Add	*521.03*	
40 05 19 00-3095	EA	4" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,157.04	203.42
		For Class 52 Rating, Deduct	*-203.37*	
		For Class 54 Rating, Add	*281.02*	
		For Class 55 Rating, Add	*419.68*	
		For Class 56 Rating, Add	*556.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3096	EA	4" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,281.23	206.42
		For Class 52 Rating, Deduct	*-216.54*	
		For Class 54 Rating, Add	*299.03*	
		For Class 55 Rating, Add	*446.48*	
		For Class 56 Rating, Add	*591.97*	
40 05 19 00-3097	EA	4" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,405.44	209.40
		For Class 52 Rating, Deduct	*-229.70*	
		For Class 54 Rating, Add	*317.03*	
		For Class 55 Rating, Add	*473.28*	
		For Class 56 Rating, Add	*627.43*	
40 05 19 00-3098	EA	4" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,529.65	212.38
		For Class 52 Rating, Deduct	*-242.87*	
		For Class 54 Rating, Add	*335.04*	
		For Class 55 Rating, Add	*500.08*	
		For Class 56 Rating, Add	*662.91*	
40 05 19 00-3099	EA	4" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,653.84	215.36
		For Class 52 Rating, Deduct	*-256.03*	
		For Class 54 Rating, Add	*353.05*	
		For Class 55 Rating, Add	*526.87*	
		For Class 56 Rating, Add	*698.37*	
40 05 19 00-3100	EA	4" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,778.05	218.35
		For Class 52 Rating, Deduct	*-269.20*	
		For Class 54 Rating, Add	*371.06*	
		For Class 55 Rating, Add	*553.67*	
		For Class 56 Rating, Add	*733.84*	
40 05 19 00-3101	EA	4" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,902.25	221.32
		For Class 52 Rating, Deduct	*-282.36*	
		For Class 54 Rating, Add	*389.06*	
		For Class 55 Rating, Add	*580.47*	
		For Class 56 Rating, Add	*769.31*	
40 05 19 00-3102	EA	4" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,026.47	224.30
		For Class 52 Rating, Deduct	*-295.53*	
		For Class 54 Rating, Add	*407.07*	
		For Class 55 Rating, Add	*607.27*	
		For Class 56 Rating, Add	*804.78*	
40 05 19 00-3103	EA	4" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,150.66	227.29
		For Class 52 Rating, Deduct	*-308.69*	
		For Class 54 Rating, Add	*425.08*	
		For Class 55 Rating, Add	*634.07*	
		For Class 56 Rating, Add	*840.25*	
40 05 19 00-3104	EA	4" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,274.87	230.27
		For Class 52 Rating, Deduct	*-321.86*	
		For Class 54 Rating, Add	*443.08*	
		For Class 55 Rating, Add	*660.87*	
		For Class 56 Rating, Add	*875.72*	
40 05 19 00-3105	EA	4" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,399.07	233.25
		For Class 52 Rating, Deduct	*-335.02*	
		For Class 54 Rating, Add	*461.09*	
		For Class 55 Rating, Add	*687.66*	
		For Class 56 Rating, Add	*911.19*	
40 05 19 00-3106	EA	4" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,523.28	236.23
		For Class 52 Rating, Deduct	*-348.19*	
		For Class 54 Rating, Add	*479.10*	
		For Class 55 Rating, Add	*714.46*	
		For Class 56 Rating, Add	*946.66*	
40 05 19 00-3107	EA	4" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,647.48	239.22
		For Class 52 Rating, Deduct	*-361.35*	
		For Class 54 Rating, Add	*497.10*	
		For Class 55 Rating, Add	*741.26*	
		For Class 56 Rating, Add	*982.13*	
40 05 19 00-3108	EA	4" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,080.35	242.19
		For Class 52 Rating, Deduct	*-408.47*	
		For Class 54 Rating, Add	*561.41*	
		For Class 55 Rating, Add	*836.89*	
		For Class 56 Rating, Add	*1,108.66*	
40 05 19 00-3109	EA	4" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,204.55	245.19
		For Class 52 Rating, Deduct	*-421.64*	
		For Class 54 Rating, Add	*579.42*	
		For Class 55 Rating, Add	*863.69*	
		For Class 56 Rating, Add	*1,144.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3110	EA	4" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,328.75	248.17
		For Class 52 Rating, Deduct	*-434.80*	
		For Class 54 Rating, Add	*597.42*	
		For Class 55 Rating, Add	*890.49*	
		For Class 56 Rating, Add	*1,179.60*	
40 05 19 00-3111	EA	4" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,452.96	251.16
		For Class 52 Rating, Deduct	*-447.97*	
		For Class 54 Rating, Add	*615.43*	
		For Class 55 Rating, Add	*917.28*	
		For Class 56 Rating, Add	*1,215.07*	
40 05 19 00-3112	EA	4" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,577.17	254.13
		For Class 52 Rating, Deduct	*-461.13*	
		For Class 54 Rating, Add	*633.44*	
		For Class 55 Rating, Add	*944.08*	
		For Class 56 Rating, Add	*1,250.54*	
40 05 19 00-3113	EA	4" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,701.37	257.12
		For Class 52 Rating, Deduct	*-474.30*	
		For Class 54 Rating, Add	*651.44*	
		For Class 55 Rating, Add	*970.88*	
		For Class 56 Rating, Add	*1,286.01*	
40 05 19 00-3114	EA	4" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,825.57	260.10
		For Class 52 Rating, Deduct	*-487.46*	
		For Class 54 Rating, Add	*669.45*	
		For Class 55 Rating, Add	*997.68*	
		For Class 56 Rating, Add	*1,321.48*	
40 05 19 00-3115	EA	4" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,949.77	263.09
		For Class 52 Rating, Deduct	*-500.63*	
		For Class 54 Rating, Add	*687.46*	
		For Class 55 Rating, Add	*1,024.48*	
		For Class 56 Rating, Add	*1,356.94*	
40 05 19 00-3116	EA	4" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,073.99	266.06
		For Class 52 Rating, Deduct	*-513.79*	
		For Class 54 Rating, Add	*705.47*	
		For Class 55 Rating, Add	*1,051.28*	
		For Class 56 Rating, Add	*1,392.42*	
40 05 19 00-3117	EA	4" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,198.19	269.05
		For Class 52 Rating, Deduct	*-526.96*	
		For Class 54 Rating, Add	*723.47*	
		For Class 55 Rating, Add	*1,078.07*	
		For Class 56 Rating, Add	*1,427.88*	
40 05 19 00-3118	EA	4" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,322.39	272.03
		For Class 52 Rating, Deduct	*-540.13*	
		For Class 54 Rating, Add	*741.48*	
		For Class 55 Rating, Add	*1,104.87*	
		For Class 56 Rating, Add	*1,463.36*	
40 05 19 00-3119	EA	4" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,446.59	275.01
		For Class 52 Rating, Deduct	*-553.29*	
		For Class 54 Rating, Add	*759.49*	
		For Class 55 Rating, Add	*1,131.67*	
		For Class 56 Rating, Add	*1,498.82*	
40 05 19 00-3120	EA	4" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,570.80	277.99
		For Class 52 Rating, Deduct	*-566.46*	
		For Class 54 Rating, Add	*777.49*	
		For Class 55 Rating, Add	*1,158.47*	
		For Class 56 Rating, Add	*1,534.30*	
40 05 19 00-3121	EA	4" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,695.00	280.99
		For Class 52 Rating, Deduct	*-579.62*	
		For Class 54 Rating, Add	*795.50*	
		For Class 55 Rating, Add	*1,185.27*	
		For Class 56 Rating, Add	*1,569.76*	
40 05 19 00-3122	EA	4" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,819.21	283.97
		For Class 52 Rating, Deduct	*-592.79*	
		For Class 54 Rating, Add	*813.51*	
		For Class 55 Rating, Add	*1,212.07*	
		For Class 56 Rating, Add	*1,605.23*	

40 05 19 00-3123 6" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3124	EA	6" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	971.06	214.77
		For Class 52 Rating, Deduct	*-71.02*	
		For Class 54 Rating, Add	*100.76*	
		For Class 55 Rating, Add	*151.79*	
		For Class 56 Rating, Add	*202.19*	
40 05 19 00-3125	EA	6" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,114.16	217.75
		For Class 52 Rating, Deduct	*-86.27*	
		For Class 54 Rating, Add	*121.60*	
		For Class 55 Rating, Add	*182.81*	
		For Class 56 Rating, Add	*243.23*	
40 05 19 00-3126	EA	6" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,257.27	220.72
		For Class 52 Rating, Deduct	*-101.51*	
		For Class 54 Rating, Add	*142.44*	
		For Class 55 Rating, Add	*213.82*	
		For Class 56 Rating, Add	*284.27*	
40 05 19 00-3127	EA	6" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,400.38	223.71
		For Class 52 Rating, Deduct	*-116.76*	
		For Class 54 Rating, Add	*163.28*	
		For Class 55 Rating, Add	*244.83*	
		For Class 56 Rating, Add	*325.32*	
40 05 19 00-3128	EA	6" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,543.47	226.69
		For Class 52 Rating, Deduct	*-132.00*	
		For Class 54 Rating, Add	*184.12*	
		For Class 55 Rating, Add	*275.84*	
		For Class 56 Rating, Add	*366.36*	
40 05 19 00-3129	EA	6" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,686.57	229.67
		For Class 52 Rating, Deduct	*-147.24*	
		For Class 54 Rating, Add	*204.96*	
		For Class 55 Rating, Add	*306.86*	
		For Class 56 Rating, Add	*407.41*	
40 05 19 00-3130	EA	6" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,829.67	232.65
		For Class 52 Rating, Deduct	*-162.49*	
		For Class 54 Rating, Add	*225.80*	
		For Class 55 Rating, Add	*337.87*	
		For Class 56 Rating, Add	*448.45*	
40 05 19 00-3131	EA	6" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,972.77	235.64
		For Class 52 Rating, Deduct	*-177.73*	
		For Class 54 Rating, Add	*246.65*	
		For Class 55 Rating, Add	*368.88*	
		For Class 56 Rating, Add	*489.50*	
40 05 19 00-3132	EA	6" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,115.88	238.62
		For Class 52 Rating, Deduct	*-192.98*	
		For Class 54 Rating, Add	*267.49*	
		For Class 55 Rating, Add	*399.89*	
		For Class 56 Rating, Add	*530.54*	
40 05 19 00-3133	EA	6" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,258.98	241.60
		For Class 52 Rating, Deduct	*-208.22*	
		For Class 54 Rating, Add	*288.33*	
		For Class 55 Rating, Add	*430.90*	
		For Class 56 Rating, Add	*571.59*	
40 05 19 00-3134	EA	6" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,402.08	244.59
		For Class 52 Rating, Deduct	*-223.46*	
		For Class 54 Rating, Add	*309.17*	
		For Class 55 Rating, Add	*461.92*	
		For Class 56 Rating, Add	*612.63*	
40 05 19 00-3135	EA	6" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,545.18	247.58
		For Class 52 Rating, Deduct	*-238.71*	
		For Class 54 Rating, Add	*330.01*	
		For Class 55 Rating, Add	*492.93*	
		For Class 56 Rating, Add	*653.67*	
40 05 19 00-3136	EA	6" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,688.29	250.55
		For Class 52 Rating, Deduct	*-253.95*	
		For Class 54 Rating, Add	*350.85*	
		For Class 55 Rating, Add	*523.94*	
		For Class 56 Rating, Add	*694.72*	
40 05 19 00-3137	EA	6" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,831.39	253.54
		For Class 52 Rating, Deduct	*-269.20*	
		For Class 54 Rating, Add	*371.70*	
		For Class 55 Rating, Add	*554.95*	
		For Class 56 Rating, Add	*735.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3138	EA	6" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,974.49	256.52
		For Class 52 Rating, Deduct	*-284.44*	
		For Class 54 Rating, Add	*392.54*	
		For Class 55 Rating, Add	*585.97*	
		For Class 56 Rating, Add	*776.81*	
40 05 19 00-3139	EA	6" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,117.58	259.51
		For Class 52 Rating, Deduct	*-299.68*	
		For Class 54 Rating, Add	*413.38*	
		For Class 55 Rating, Add	*616.98*	
		For Class 56 Rating, Add	*817.85*	
40 05 19 00-3140	EA	6" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,260.70	262.48
		For Class 52 Rating, Deduct	*-314.93*	
		For Class 54 Rating, Add	*434.22*	
		For Class 55 Rating, Add	*647.99*	
		For Class 56 Rating, Add	*858.90*	
40 05 19 00-3141	EA	6" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,403.80	265.47
		For Class 52 Rating, Deduct	*-330.17*	
		For Class 54 Rating, Add	*455.06*	
		For Class 55 Rating, Add	*679.00*	
		For Class 56 Rating, Add	*899.94*	
40 05 19 00-3142	EA	6" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,546.90	268.45
		For Class 52 Rating, Deduct	*-345.42*	
		For Class 54 Rating, Add	*475.90*	
		For Class 55 Rating, Add	*710.02*	
		For Class 56 Rating, Add	*940.99*	
40 05 19 00-3143	EA	6" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,689.99	271.44
		For Class 52 Rating, Deduct	*-360.66*	
		For Class 54 Rating, Add	*496.74*	
		For Class 55 Rating, Add	*741.03*	
		For Class 56 Rating, Add	*982.03*	
40 05 19 00-3144	EA	6" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,833.10	274.41
		For Class 52 Rating, Deduct	*-375.91*	
		For Class 54 Rating, Add	*517.59*	
		For Class 55 Rating, Add	*772.04*	
		For Class 56 Rating, Add	*1,023.08*	
40 05 19 00-3145	EA	6" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,976.21	277.40
		For Class 52 Rating, Deduct	*-391.15*	
		For Class 54 Rating, Add	*538.43*	
		For Class 55 Rating, Add	*803.05*	
		For Class 56 Rating, Add	*1,064.12*	
40 05 19 00-3146	EA	6" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,119.30	280.39
		For Class 52 Rating, Deduct	*-406.39*	
		For Class 54 Rating, Add	*559.27*	
		For Class 55 Rating, Add	*834.06*	
		For Class 56 Rating, Add	*1,105.17*	
40 05 19 00-3147	EA	6" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,262.40	283.37
		For Class 52 Rating, Deduct	*-421.64*	
		For Class 54 Rating, Add	*580.11*	
		For Class 55 Rating, Add	*865.08*	
		For Class 56 Rating, Add	*1,146.21*	
40 05 19 00-3148	EA	6" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,405.51	286.35
		For Class 52 Rating, Deduct	*-436.88*	
		For Class 54 Rating, Add	*600.95*	
		For Class 55 Rating, Add	*896.09*	
		For Class 56 Rating, Add	*1,187.26*	
40 05 19 00-3149	EA	6" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,548.62	289.34
		For Class 52 Rating, Deduct	*-452.13*	
		For Class 54 Rating, Add	*621.80*	
		For Class 55 Rating, Add	*927.10*	
		For Class 56 Rating, Add	*1,228.30*	
40 05 19 00-3150	EA	6" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,691.71	292.32
		For Class 52 Rating, Deduct	*-467.37*	
		For Class 54 Rating, Add	*642.64*	
		For Class 55 Rating, Add	*958.11*	
		For Class 56 Rating, Add	*1,269.34*	
40 05 19 00-3151	EA	6" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,834.81	295.29
		For Class 52 Rating, Deduct	*-482.61*	
		For Class 54 Rating, Add	*663.48*	
		For Class 55 Rating, Add	*989.13*	
		For Class 56 Rating, Add	*1,310.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3152	EA	6" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,977.92	298.28
		For Class 52 Rating, Deduct	*-497.86*	
		For Class 54 Rating, Add	*684.32*	
		For Class 55 Rating, Add	*1,020.14*	
		For Class 56 Rating, Add	*1,351.43*	
40 05 19 00-3153	EA	6" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,121.02	301.26
		For Class 52 Rating, Deduct	*-513.10*	
		For Class 54 Rating, Add	*705.16*	
		For Class 55 Rating, Add	*1,051.15*	
		For Class 56 Rating, Add	*1,392.48*	
40 05 19 00-3154	EA	6" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,264.12	304.24
		For Class 52 Rating, Deduct	*-528.35*	
		For Class 54 Rating, Add	*726.00*	
		For Class 55 Rating, Add	*1,082.16*	
		For Class 56 Rating, Add	*1,433.52*	
40 05 19 00-3155	EA	6" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,407.22	307.22
		For Class 52 Rating, Deduct	*-543.59*	
		For Class 54 Rating, Add	*746.84*	
		For Class 55 Rating, Add	*1,113.18*	
		For Class 56 Rating, Add	*1,474.57*	
40 05 19 00-3156	EA	6" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,550.32	310.21
		For Class 52 Rating, Deduct	*-558.83*	
		For Class 54 Rating, Add	*767.69*	
		For Class 55 Rating, Add	*1,144.19*	
		For Class 56 Rating, Add	*1,515.61*	
40 05 19 00-3157	EA	6" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,693.42	313.20
		For Class 52 Rating, Deduct	*-574.08*	
		For Class 54 Rating, Add	*788.53*	
		For Class 55 Rating, Add	*1,175.20*	
		For Class 56 Rating, Add	*1,556.66*	
40 05 19 00-3158	EA	6" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,836.52	316.17
		For Class 52 Rating, Deduct	*-589.32*	
		For Class 54 Rating, Add	*809.37*	
		For Class 55 Rating, Add	*1,206.21*	
		For Class 56 Rating, Add	*1,597.70*	
40 05 19 00-3159	EA	6" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,979.63	319.16
		For Class 52 Rating, Deduct	*-604.57*	
		For Class 54 Rating, Add	*830.21*	
		For Class 55 Rating, Add	*1,237.23*	
		For Class 56 Rating, Add	*1,638.74*	
40 05 19 00-3160	EA	6" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,122.73	322.15
		For Class 52 Rating, Deduct	*-619.81*	
		For Class 54 Rating, Add	*851.05*	
		For Class 55 Rating, Add	*1,268.24*	
		For Class 56 Rating, Add	*1,679.79*	
40 05 19 00-3161	EA	6" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,265.83	325.12
		For Class 52 Rating, Deduct	*-635.05*	
		For Class 54 Rating, Add	*871.89*	
		For Class 55 Rating, Add	*1,299.25*	
		For Class 56 Rating, Add	*1,720.83*	
40 05 19 00-3162	EA	6" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,408.93	328.11
		For Class 52 Rating, Deduct	*-650.30*	
		For Class 54 Rating, Add	*892.74*	
		For Class 55 Rating, Add	*1,330.26*	
		For Class 56 Rating, Add	*1,761.88*	

40 05 19 00-3163 8" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*

40 05 19 00-3164	EA	8" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,326.01	274.41
		For Class 52 Rating, Deduct	*-100.13*	
		For Class 54 Rating, Add	*141.52*	
		For Class 55 Rating, Add	*212.96*	
		For Class 56 Rating, Add	*283.49*	
40 05 19 00-3165	EA	8" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,510.07	277.40
		For Class 52 Rating, Deduct	*-119.87*	
		For Class 54 Rating, Add	*168.51*	
		For Class 55 Rating, Add	*253.10*	
		For Class 56 Rating, Add	*336.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3166	EA	8" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,694.11	280.39
		For Class 52 Rating, Deduct	*-139.62*	
		For Class 54 Rating, Add	*195.49*	
		For Class 55 Rating, Add	*293.25*	
		For Class 56 Rating, Add	*389.73*	
40 05 19 00-3167	EA	8" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,878.16	283.37
		For Class 52 Rating, Deduct	*-159.37*	
		For Class 54 Rating, Add	*222.48*	
		For Class 55 Rating, Add	*333.39*	
		For Class 56 Rating, Add	*442.86*	
40 05 19 00-3168	EA	8" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,062.20	286.35
		For Class 52 Rating, Deduct	*-179.12*	
		For Class 54 Rating, Add	*249.46*	
		For Class 55 Rating, Add	*373.53*	
		For Class 56 Rating, Add	*495.98*	
40 05 19 00-3169	EA	8" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,246.26	289.34
		For Class 52 Rating, Deduct	*-198.87*	
		For Class 54 Rating, Add	*276.44*	
		For Class 55 Rating, Add	*413.68*	
		For Class 56 Rating, Add	*549.10*	
40 05 19 00-3170	EA	8" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,430.30	292.32
		For Class 52 Rating, Deduct	*-218.61*	
		For Class 54 Rating, Add	*303.42*	
		For Class 55 Rating, Add	*453.82*	
		For Class 56 Rating, Add	*602.23*	
40 05 19 00-3171	EA	8" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,614.34	295.29
		For Class 52 Rating, Deduct	*-238.36*	
		For Class 54 Rating, Add	*330.41*	
		For Class 55 Rating, Add	*493.96*	
		For Class 56 Rating, Add	*655.35*	
40 05 19 00-3172	EA	8" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,798.39	298.28
		For Class 52 Rating, Deduct	*-258.11*	
		For Class 54 Rating, Add	*357.39*	
		For Class 55 Rating, Add	*534.10*	
		For Class 56 Rating, Add	*708.47*	
40 05 19 00-3173	EA	8" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,982.44	301.26
		For Class 52 Rating, Deduct	*-277.86*	
		For Class 54 Rating, Add	*384.37*	
		For Class 55 Rating, Add	*574.25*	
		For Class 56 Rating, Add	*761.60*	
40 05 19 00-3174	EA	8" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,166.49	304.24
		For Class 52 Rating, Deduct	*-297.61*	
		For Class 54 Rating, Add	*411.36*	
		For Class 55 Rating, Add	*614.39*	
		For Class 56 Rating, Add	*814.72*	
40 05 19 00-3175	EA	8" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,350.53	307.22
		For Class 52 Rating, Deduct	*-317.35*	
		For Class 54 Rating, Add	*438.34*	
		For Class 55 Rating, Add	*654.53*	
		For Class 56 Rating, Add	*867.84*	
40 05 19 00-3176	EA	8" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,534.58	310.21
		For Class 52 Rating, Deduct	*-337.10*	
		For Class 54 Rating, Add	*465.32*	
		For Class 55 Rating, Add	*694.68*	
		For Class 56 Rating, Add	*920.97*	
40 05 19 00-3177	EA	8" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,718.62	313.20
		For Class 52 Rating, Deduct	*-356.85*	
		For Class 54 Rating, Add	*492.31*	
		For Class 55 Rating, Add	*734.82*	
		For Class 56 Rating, Add	*974.09*	
40 05 19 00-3178	EA	8" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,902.67	316.17
		For Class 52 Rating, Deduct	*-376.60*	
		For Class 54 Rating, Add	*519.29*	
		For Class 55 Rating, Add	*774.96*	
		For Class 56 Rating, Add	*1,027.21*	
40 05 19 00-3179	EA	8" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,086.72	319.16
		For Class 52 Rating, Deduct	*-396.35*	
		For Class 54 Rating, Add	*546.27*	
		For Class 55 Rating, Add	*815.11*	
		For Class 56 Rating, Add	*1,080.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3180	EA	8" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,270.77	322.15
		For Class 52 Rating, Deduct	*-416.09*	
		For Class 54 Rating, Add	*573.26*	
		For Class 55 Rating, Add	*855.25*	
		For Class 56 Rating, Add	*1,133.46*	
40 05 19 00-3181	EA	8" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,454.81	325.12
		For Class 52 Rating, Deduct	*-435.84*	
		For Class 54 Rating, Add	*600.24*	
		For Class 55 Rating, Add	*895.39*	
		For Class 56 Rating, Add	*1,186.58*	
40 05 19 00-3182	EA	8" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,638.85	328.11
		For Class 52 Rating, Deduct	*-455.59*	
		For Class 54 Rating, Add	*627.22*	
		For Class 55 Rating, Add	*935.53*	
		For Class 56 Rating, Add	*1,239.70*	
40 05 19 00-3183	EA	8" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,822.90	331.09
		For Class 52 Rating, Deduct	*-475.34*	
		For Class 54 Rating, Add	*654.21*	
		For Class 55 Rating, Add	*975.68*	
		For Class 56 Rating, Add	*1,292.83*	
40 05 19 00-3184	EA	8" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,006.96	334.08
		For Class 52 Rating, Deduct	*-495.09*	
		For Class 54 Rating, Add	*681.19*	
		For Class 55 Rating, Add	*1,015.82*	
		For Class 56 Rating, Add	*1,345.95*	
40 05 19 00-3185	EA	8" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,191.00	337.05
		For Class 52 Rating, Deduct	*-514.83*	
		For Class 54 Rating, Add	*708.17*	
		For Class 55 Rating, Add	*1,055.97*	
		For Class 56 Rating, Add	*1,399.08*	
40 05 19 00-3186	EA	8" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,375.04	340.04
		For Class 52 Rating, Deduct	*-534.58*	
		For Class 54 Rating, Add	*735.16*	
		For Class 55 Rating, Add	*1,096.11*	
		For Class 56 Rating, Add	*1,452.20*	
40 05 19 00-3187	EA	8" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,559.09	343.02
		For Class 52 Rating, Deduct	*-554.33*	
		For Class 54 Rating, Add	*762.14*	
		For Class 55 Rating, Add	*1,136.25*	
		For Class 56 Rating, Add	*1,505.32*	
40 05 19 00-3188	EA	8" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,743.14	346.01
		For Class 52 Rating, Deduct	*-574.08*	
		For Class 54 Rating, Add	*789.12*	
		For Class 55 Rating, Add	*1,176.39*	
		For Class 56 Rating, Add	*1,558.45*	
40 05 19 00-3189	EA	8" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,927.18	348.98
		For Class 52 Rating, Deduct	*-593.83*	
		For Class 54 Rating, Add	*816.11*	
		For Class 55 Rating, Add	*1,216.54*	
		For Class 56 Rating, Add	*1,611.57*	
40 05 19 00-3190	EA	8" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,111.23	351.97
		For Class 52 Rating, Deduct	*-613.57*	
		For Class 54 Rating, Add	*843.09*	
		For Class 55 Rating, Add	*1,256.68*	
		For Class 56 Rating, Add	*1,664.69*	
40 05 19 00-3191	EA	8" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,295.28	354.96
		For Class 52 Rating, Deduct	*-633.32*	
		For Class 54 Rating, Add	*870.07*	
		For Class 55 Rating, Add	*1,296.82*	
		For Class 56 Rating, Add	*1,717.81*	
40 05 19 00-3192	EA	8" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,479.32	357.93
		For Class 52 Rating, Deduct	*-653.07*	
		For Class 54 Rating, Add	*897.06*	
		For Class 55 Rating, Add	*1,336.97*	
		For Class 56 Rating, Add	*1,770.94*	
40 05 19 00-3193	EA	8" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,663.37	360.92
		For Class 52 Rating, Deduct	*-672.82*	
		For Class 54 Rating, Add	*924.04*	
		For Class 55 Rating, Add	*1,377.11*	
		For Class 56 Rating, Add	*1,824.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3194	EA	8" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,847.42	363.91
		For Class 52 Rating, Deduct	*-692.57*	
		For Class 54 Rating, Add	*951.02*	
		For Class 55 Rating, Add	*1,417.25*	
		For Class 56 Rating, Add	*1,877.18*	
40 05 19 00-3195	EA	8" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,031.47	366.89
		For Class 52 Rating, Deduct	*-712.31*	
		For Class 54 Rating, Add	*978.01*	
		For Class 55 Rating, Add	*1,457.40*	
		For Class 56 Rating, Add	*1,930.31*	
40 05 19 00-3196	EA	8" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,215.50	369.86
		For Class 52 Rating, Deduct	*-732.06*	
		For Class 54 Rating, Add	*1,004.99*	
		For Class 55 Rating, Add	*1,497.54*	
		For Class 56 Rating, Add	*1,983.43*	
40 05 19 00-3197	EA	8" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,399.55	372.85
		For Class 52 Rating, Deduct	*-751.81*	
		For Class 54 Rating, Add	*1,031.97*	
		For Class 55 Rating, Add	*1,537.68*	
		For Class 56 Rating, Add	*2,036.55*	
40 05 19 00-3198	EA	8" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,583.61	375.83
		For Class 52 Rating, Deduct	*-771.56*	
		For Class 54 Rating, Add	*1,058.96*	
		For Class 55 Rating, Add	*1,577.82*	
		For Class 56 Rating, Add	*2,089.68*	
40 05 19 00-3199	EA	8" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,767.65	378.81
		For Class 52 Rating, Deduct	*-791.31*	
		For Class 54 Rating, Add	*1,085.94*	
		For Class 55 Rating, Add	*1,617.97*	
		For Class 56 Rating, Add	*2,142.80*	
40 05 19 00-3200	EA	8" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,951.69	381.79
		For Class 52 Rating, Deduct	*-811.05*	
		For Class 54 Rating, Add	*1,112.92*	
		For Class 55 Rating, Add	*1,658.11*	
		For Class 56 Rating, Add	*2,195.92*	
40 05 19 00-3201	EA	8" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,135.74	384.78
		For Class 52 Rating, Deduct	*-830.80*	
		For Class 54 Rating, Add	*1,139.91*	
		For Class 55 Rating, Add	*1,698.25*	
		For Class 56 Rating, Add	*2,249.05*	
40 05 19 00-3202	EA	8" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,319.79	387.77
		For Class 52 Rating, Deduct	*-850.55*	
		For Class 54 Rating, Add	*1,166.89*	
		For Class 55 Rating, Add	*1,738.40*	
		For Class 56 Rating, Add	*2,302.17*	
40 05 19 00-3203		**10" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe** *(40 05 19 00-3082)*		
40 05 19 00-3204	EA	10" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,674.68	334.08
		For Class 52 Rating, Deduct	*-128.54*	
		For Class 54 Rating, Add	*181.35*	
		For Class 55 Rating, Add	*272.72*	
		For Class 56 Rating, Add	*362.93*	
40 05 19 00-3205	EA	10" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,912.26	337.05
		For Class 52 Rating, Deduct	*-154.17*	
		For Class 54 Rating, Add	*216.36*	
		For Class 55 Rating, Add	*324.81*	
		For Class 56 Rating, Add	*431.85*	
40 05 19 00-3206	EA	10" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,149.85	340.04
		For Class 52 Rating, Deduct	*-179.81*	
		For Class 54 Rating, Add	*251.38*	
		For Class 55 Rating, Add	*376.89*	
		For Class 56 Rating, Add	*500.77*	
40 05 19 00-3207	EA	10" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,387.44	343.02
		For Class 52 Rating, Deduct	*-205.45*	
		For Class 54 Rating, Add	*286.39*	
		For Class 55 Rating, Add	*428.97*	
		For Class 56 Rating, Add	*569.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3208	EA	10" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,625.03	346.01
		For Class 52 Rating, Deduct	*-231.09*	
		For Class 54 Rating, Add	*321.41*	
		For Class 55 Rating, Add	*481.06*	
		For Class 56 Rating, Add	*638.60*	
40 05 19 00-3209	EA	10" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,862.62	348.98
		For Class 52 Rating, Deduct	*-256.72*	
		For Class 54 Rating, Add	*356.42*	
		For Class 55 Rating, Add	*533.14*	
		For Class 56 Rating, Add	*707.52*	
40 05 19 00-3210	EA	10" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,100.21	351.97
		For Class 52 Rating, Deduct	*-282.36*	
		For Class 54 Rating, Add	*391.44*	
		For Class 55 Rating, Add	*585.22*	
		For Class 56 Rating, Add	*776.44*	
40 05 19 00-3211	EA	10" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,337.80	354.96
		For Class 52 Rating, Deduct	*-308.00*	
		For Class 54 Rating, Add	*426.45*	
		For Class 55 Rating, Add	*637.31*	
		For Class 56 Rating, Add	*845.36*	
40 05 19 00-3212	EA	10" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,575.38	357.93
		For Class 52 Rating, Deduct	*-333.64*	
		For Class 54 Rating, Add	*461.47*	
		For Class 55 Rating, Add	*689.39*	
		For Class 56 Rating, Add	*914.28*	
40 05 19 00-3213	EA	10" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,812.99	360.92
		For Class 52 Rating, Deduct	*-359.28*	
		For Class 54 Rating, Add	*496.48*	
		For Class 55 Rating, Add	*741.47*	
		For Class 56 Rating, Add	*983.20*	
40 05 19 00-3214	EA	10" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,050.58	363.91
		For Class 52 Rating, Deduct	*-384.91*	
		For Class 54 Rating, Add	*531.50*	
		For Class 55 Rating, Add	*793.56*	
		For Class 56 Rating, Add	*1,052.12*	
40 05 19 00-3215	EA	10" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,288.17	366.89
		For Class 52 Rating, Deduct	*-410.55*	
		For Class 54 Rating, Add	*566.51*	
		For Class 55 Rating, Add	*845.64*	
		For Class 56 Rating, Add	*1,121.03*	
40 05 19 00-3216	EA	10" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,525.75	369.86
		For Class 52 Rating, Deduct	*-436.19*	
		For Class 54 Rating, Add	*601.53*	
		For Class 55 Rating, Add	*897.72*	
		For Class 56 Rating, Add	*1,189.95*	
40 05 19 00-3217	EA	10" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,763.34	372.85
		For Class 52 Rating, Deduct	*-461.83*	
		For Class 54 Rating, Add	*636.54*	
		For Class 55 Rating, Add	*949.81*	
		For Class 56 Rating, Add	*1,258.87*	
40 05 19 00-3218	EA	10" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,000.94	375.83
		For Class 52 Rating, Deduct	*-487.46*	
		For Class 54 Rating, Add	*671.56*	
		For Class 55 Rating, Add	*1,001.89*	
		For Class 56 Rating, Add	*1,327.79*	
40 05 19 00-3219	EA	10" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,238.52	378.81
		For Class 52 Rating, Deduct	*-513.10*	
		For Class 54 Rating, Add	*706.57*	
		For Class 55 Rating, Add	*1,053.97*	
		For Class 56 Rating, Add	*1,396.71*	
40 05 19 00-3220	EA	10" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,476.11	381.79
		For Class 52 Rating, Deduct	*-538.74*	
		For Class 54 Rating, Add	*741.59*	
		For Class 55 Rating, Add	*1,106.06*	
		For Class 56 Rating, Add	*1,465.63*	
40 05 19 00-3221	EA	10" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,713.70	384.78
		For Class 52 Rating, Deduct	*-564.38*	
		For Class 54 Rating, Add	*776.60*	
		For Class 55 Rating, Add	*1,158.14*	
		For Class 56 Rating, Add	*1,534.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3222	EA	10" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,951.29	387.77
		For Class 52 Rating, Deduct	*-590.01*	
		For Class 54 Rating, Add	*811.62*	
		For Class 55 Rating, Add	*1,210.22*	
		For Class 56 Rating, Add	*1,603.46*	
40 05 19 00-3223	EA	10" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,188.88	390.74
		For Class 52 Rating, Deduct	*-615.65*	
		For Class 54 Rating, Add	*846.63*	
		For Class 55 Rating, Add	*1,262.30*	
		For Class 56 Rating, Add	*1,672.38*	
40 05 19 00-3224	EA	10" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,426.47	393.73
		For Class 52 Rating, Deduct	*-641.29*	
		For Class 54 Rating, Add	*881.65*	
		For Class 55 Rating, Add	*1,314.39*	
		For Class 56 Rating, Add	*1,741.30*	
40 05 19 00-3225	EA	10" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,664.06	396.72
		For Class 52 Rating, Deduct	*-666.93*	
		For Class 54 Rating, Add	*916.66*	
		For Class 55 Rating, Add	*1,366.47*	
		For Class 56 Rating, Add	*1,810.22*	
40 05 19 00-3226	EA	10" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,901.65	399.69
		For Class 52 Rating, Deduct	*-692.57*	
		For Class 54 Rating, Add	*951.67*	
		For Class 55 Rating, Add	*1,418.55*	
		For Class 56 Rating, Add	*1,879.14*	
40 05 19 00-3227	EA	10" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,139.24	402.68
		For Class 52 Rating, Deduct	*-718.20*	
		For Class 54 Rating, Add	*986.69*	
		For Class 55 Rating, Add	*1,470.64*	
		For Class 56 Rating, Add	*1,948.05*	
40 05 19 00-3228	EA	10" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,376.83	405.66
		For Class 52 Rating, Deduct	*-743.84*	
		For Class 54 Rating, Add	*1,021.70*	
		For Class 55 Rating, Add	*1,522.72*	
		For Class 56 Rating, Add	*2,016.97*	
40 05 19 00-3229	EA	10" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,614.42	408.65
		For Class 52 Rating, Deduct	*-769.48*	
		For Class 54 Rating, Add	*1,056.72*	
		For Class 55 Rating, Add	*1,574.80*	
		For Class 56 Rating, Add	*2,085.89*	
40 05 19 00-3230	EA	10" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,852.00	411.62
		For Class 52 Rating, Deduct	*-795.12*	
		For Class 54 Rating, Add	*1,091.73*	
		For Class 55 Rating, Add	*1,626.89*	
		For Class 56 Rating, Add	*2,154.81*	
40 05 19 00-3231	EA	10" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,089.59	414.61
		For Class 52 Rating, Deduct	*-820.75*	
		For Class 54 Rating, Add	*1,126.75*	
		For Class 55 Rating, Add	*1,678.97*	
		For Class 56 Rating, Add	*2,223.73*	
40 05 19 00-3232	EA	10" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,327.19	417.59
		For Class 52 Rating, Deduct	*-846.39*	
		For Class 54 Rating, Add	*1,161.76*	
		For Class 55 Rating, Add	*1,731.05*	
		For Class 56 Rating, Add	*2,292.65*	
40 05 19 00-3233	EA	10" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,564.78	420.58
		For Class 52 Rating, Deduct	*-872.03*	
		For Class 54 Rating, Add	*1,196.78*	
		For Class 55 Rating, Add	*1,783.14*	
		For Class 56 Rating, Add	*2,361.56*	
40 05 19 00-3234	EA	10" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,802.36	423.55
		For Class 52 Rating, Deduct	*-897.67*	
		For Class 54 Rating, Add	*1,231.79*	
		For Class 55 Rating, Add	*1,835.22*	
		For Class 56 Rating, Add	*2,430.48*	
40 05 19 00-3235	EA	10" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,039.95	426.54
		For Class 52 Rating, Deduct	*-923.30*	
		For Class 54 Rating, Add	*1,266.81*	
		For Class 55 Rating, Add	*1,887.30*	
		For Class 56 Rating, Add	*2,499.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3236	EA	10" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,277.54	429.53
		For Class 52 Rating, Deduct	*-948.94*	
		For Class 54 Rating, Add	*1,301.82*	
		For Class 55 Rating, Add	*1,939.38*	
		For Class 56 Rating, Add	*2,568.32*	
40 05 19 00-3237	EA	10" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,515.14	432.50
		For Class 52 Rating, Deduct	*-974.58*	
		For Class 54 Rating, Add	*1,336.84*	
		For Class 55 Rating, Add	*1,991.47*	
		For Class 56 Rating, Add	*2,637.24*	
40 05 19 00-3238	EA	10" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,752.73	435.49
		For Class 52 Rating, Deduct	*-1,000.22*	
		For Class 54 Rating, Add	*1,371.85*	
		For Class 55 Rating, Add	*2,043.55*	
		For Class 56 Rating, Add	*2,706.16*	
40 05 19 00-3239	EA	10" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,990.32	438.48
		For Class 52 Rating, Deduct	*-1,025.86*	
		For Class 54 Rating, Add	*1,406.87*	
		For Class 55 Rating, Add	*2,095.64*	
		For Class 56 Rating, Add	*2,775.08*	
40 05 19 00-3240	EA	10" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,227.91	441.46
		For Class 52 Rating, Deduct	*-1,051.49*	
		For Class 54 Rating, Add	*1,441.88*	
		For Class 55 Rating, Add	*2,147.72*	
		For Class 56 Rating, Add	*2,844.00*	
40 05 19 00-3241	EA	10" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,465.49	444.43
		For Class 52 Rating, Deduct	*-1,077.13*	
		For Class 54 Rating, Add	*1,476.90*	
		For Class 55 Rating, Add	*2,199.80*	
		For Class 56 Rating, Add	*2,912.91*	
40 05 19 00-3242	EA	10" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,703.09	447.42
		For Class 52 Rating, Deduct	*-1,102.77*	
		For Class 54 Rating, Add	*1,511.91*	
		For Class 55 Rating, Add	*2,251.88*	
		For Class 56 Rating, Add	*2,981.83*	

40 05 19 00-3243 12" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*

40 05 19 00-3244	EA	12" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,176.02	417.59
		For Class 52 Rating, Deduct	*-169.76*	
		For Class 54 Rating, Add	*239.09*	
		For Class 55 Rating, Add	*359.34*	
		For Class 56 Rating, Add	*478.05*	
40 05 19 00-3245	EA	12" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,470.31	420.58
		For Class 52 Rating, Deduct	*-201.64*	
		For Class 54 Rating, Add	*282.61*	
		For Class 55 Rating, Add	*424.07*	
		For Class 56 Rating, Add	*563.70*	
40 05 19 00-3246	EA	12" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,764.58	423.55
		For Class 52 Rating, Deduct	*-233.51*	
		For Class 54 Rating, Add	*326.13*	
		For Class 55 Rating, Add	*488.79*	
		For Class 56 Rating, Add	*649.34*	
40 05 19 00-3247	EA	12" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,058.86	426.54
		For Class 52 Rating, Deduct	*-265.38*	
		For Class 54 Rating, Add	*369.64*	
		For Class 55 Rating, Add	*553.52*	
		For Class 56 Rating, Add	*734.98*	
40 05 19 00-3248	EA	12" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,353.15	429.53
		For Class 52 Rating, Deduct	*-297.26*	
		For Class 54 Rating, Add	*413.16*	
		For Class 55 Rating, Add	*618.25*	
		For Class 56 Rating, Add	*820.62*	
40 05 19 00-3249	EA	12" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,647.44	432.50
		For Class 52 Rating, Deduct	*-329.13*	
		For Class 54 Rating, Add	*456.68*	
		For Class 55 Rating, Add	*682.97*	
		For Class 56 Rating, Add	*906.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3250	EA	12" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,941.71	435.49
		For Class 52 Rating, Deduct	*-361.01*	
		For Class 54 Rating, Add	*500.20*	
		For Class 55 Rating, Add	*747.70*	
		For Class 56 Rating, Add	*991.91*	
40 05 19 00-3251	EA	12" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,236.00	438.48
		For Class 52 Rating, Deduct	*-392.88*	
		For Class 54 Rating, Add	*543.72*	
		For Class 55 Rating, Add	*812.42*	
		For Class 56 Rating, Add	*1,077.55*	
40 05 19 00-3252	EA	12" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,530.28	441.46
		For Class 52 Rating, Deduct	*-424.76*	
		For Class 54 Rating, Add	*587.24*	
		For Class 55 Rating, Add	*877.15*	
		For Class 56 Rating, Add	*1,163.20*	
40 05 19 00-3253	EA	12" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,824.55	444.43
		For Class 52 Rating, Deduct	*-456.63*	
		For Class 54 Rating, Add	*630.76*	
		For Class 55 Rating, Add	*941.87*	
		For Class 56 Rating, Add	*1,248.84*	
40 05 19 00-3254	EA	12" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,118.85	447.42
		For Class 52 Rating, Deduct	*-488.50*	
		For Class 54 Rating, Add	*674.28*	
		For Class 55 Rating, Add	*1,006.60*	
		For Class 56 Rating, Add	*1,334.48*	
40 05 19 00-3255	EA	12" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,413.13	450.40
		For Class 52 Rating, Deduct	*-520.38*	
		For Class 54 Rating, Add	*717.79*	
		For Class 55 Rating, Add	*1,071.32*	
		For Class 56 Rating, Add	*1,420.12*	
40 05 19 00-3256	EA	12" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,707.41	453.38
		For Class 52 Rating, Deduct	*-552.25*	
		For Class 54 Rating, Add	*761.31*	
		For Class 55 Rating, Add	*1,136.05*	
		For Class 56 Rating, Add	*1,505.77*	
40 05 19 00-3257	EA	12" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,001.69	456.36
		For Class 52 Rating, Deduct	*-584.13*	
		For Class 54 Rating, Add	*804.83*	
		For Class 55 Rating, Add	*1,200.78*	
		For Class 56 Rating, Add	*1,591.41*	
40 05 19 00-3258	EA	12" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,295.98	459.35
		For Class 52 Rating, Deduct	*-616.00*	
		For Class 54 Rating, Add	*848.35*	
		For Class 55 Rating, Add	*1,265.50*	
		For Class 56 Rating, Add	*1,677.05*	
40 05 19 00-3259	EA	12" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,590.26	462.34
		For Class 52 Rating, Deduct	*-647.87*	
		For Class 54 Rating, Add	*891.87*	
		For Class 55 Rating, Add	*1,330.23*	
		For Class 56 Rating, Add	*1,762.69*	
40 05 19 00-3260	EA	12" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,884.55	465.31
		For Class 52 Rating, Deduct	*-679.75*	
		For Class 54 Rating, Add	*935.39*	
		For Class 55 Rating, Add	*1,394.95*	
		For Class 56 Rating, Add	*1,848.34*	
40 05 19 00-3261	EA	12" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,178.82	468.30
		For Class 52 Rating, Deduct	*-711.62*	
		For Class 54 Rating, Add	*978.91*	
		For Class 55 Rating, Add	*1,459.68*	
		For Class 56 Rating, Add	*1,933.98*	
40 05 19 00-3262	EA	12" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,473.10	471.29
		For Class 52 Rating, Deduct	*-743.49*	
		For Class 54 Rating, Add	*1,022.42*	
		For Class 55 Rating, Add	*1,524.40*	
		For Class 56 Rating, Add	*2,019.62*	
40 05 19 00-3263	EA	12" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,767.39	474.26
		For Class 52 Rating, Deduct	*-775.37*	
		For Class 54 Rating, Add	*1,065.94*	
		For Class 55 Rating, Add	*1,589.13*	
		For Class 56 Rating, Add	*2,105.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3264	EA	12" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,061.67	477.25
		For Class 52 Rating, Deduct	*-807.24*	
		For Class 54 Rating, Add	*1,109.46*	
		For Class 55 Rating, Add	*1,653.86*	
		For Class 56 Rating, Add	*2,190.91*	
40 05 19 00-3265	EA	12" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,355.95	480.23
		For Class 52 Rating, Deduct	*-839.12*	
		For Class 54 Rating, Add	*1,152.98*	
		For Class 55 Rating, Add	*1,718.58*	
		For Class 56 Rating, Add	*2,276.55*	
40 05 19 00-3266	EA	12" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,650.23	483.22
		For Class 52 Rating, Deduct	*-870.99*	
		For Class 54 Rating, Add	*1,196.50*	
		For Class 55 Rating, Add	*1,783.31*	
		For Class 56 Rating, Add	*2,362.19*	
40 05 19 00-3267	EA	12" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,944.52	486.19
		For Class 52 Rating, Deduct	*-902.86*	
		For Class 54 Rating, Add	*1,240.02*	
		For Class 55 Rating, Add	*1,848.03*	
		For Class 56 Rating, Add	*2,447.84*	
40 05 19 00-3268	EA	12" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,238.80	489.18
		For Class 52 Rating, Deduct	*-934.74*	
		For Class 54 Rating, Add	*1,283.54*	
		For Class 55 Rating, Add	*1,912.76*	
		For Class 56 Rating, Add	*2,533.48*	
40 05 19 00-3269	EA	12" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,533.08	492.16
		For Class 52 Rating, Deduct	*-966.61*	
		For Class 54 Rating, Add	*1,327.06*	
		For Class 55 Rating, Add	*1,977.48*	
		For Class 56 Rating, Add	*2,619.12*	
40 05 19 00-3270	EA	12" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,827.37	495.15
		For Class 52 Rating, Deduct	*-998.49*	
		For Class 54 Rating, Add	*1,370.58*	
		For Class 55 Rating, Add	*2,042.21*	
		For Class 56 Rating, Add	*2,704.77*	
40 05 19 00-3271	EA	12" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,121.65	498.12
		For Class 52 Rating, Deduct	*-1,030.36*	
		For Class 54 Rating, Add	*1,414.09*	
		For Class 55 Rating, Add	*2,106.93*	
		For Class 56 Rating, Add	*2,790.41*	
40 05 19 00-3272	EA	12" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,415.93	501.11
		For Class 52 Rating, Deduct	*-1,062.23*	
		For Class 54 Rating, Add	*1,457.61*	
		For Class 55 Rating, Add	*2,171.66*	
		For Class 56 Rating, Add	*2,876.05*	
40 05 19 00-3273	EA	12" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,710.22	504.10
		For Class 52 Rating, Deduct	*-1,094.11*	
		For Class 54 Rating, Add	*1,501.13*	
		For Class 55 Rating, Add	*2,236.39*	
		For Class 56 Rating, Add	*2,961.70*	
40 05 19 00-3274	EA	12" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,004.50	507.07
		For Class 52 Rating, Deduct	*-1,125.98*	
		For Class 54 Rating, Add	*1,544.65*	
		For Class 55 Rating, Add	*2,301.11*	
		For Class 56 Rating, Add	*3,047.34*	
40 05 19 00-3275	EA	12" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,298.77	510.06
		For Class 52 Rating, Deduct	*-1,157.86*	
		For Class 54 Rating, Add	*1,588.17*	
		For Class 55 Rating, Add	*2,365.84*	
		For Class 56 Rating, Add	*3,132.98*	
40 05 19 00-3276	EA	12" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,593.06	513.04
		For Class 52 Rating, Deduct	*-1,189.73*	
		For Class 54 Rating, Add	*1,631.69*	
		For Class 55 Rating, Add	*2,430.56*	
		For Class 56 Rating, Add	*3,218.62*	
40 05 19 00-3277	EA	12" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,887.35	516.03
		For Class 52 Rating, Deduct	*-1,221.60*	
		For Class 54 Rating, Add	*1,675.21*	
		For Class 55 Rating, Add	*2,495.29*	
		For Class 56 Rating, Add	*3,304.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3278	EA	12" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,181.63	519.00
		For Class 52 Rating, Deduct	*-1,253.48*	
		For Class 54 Rating, Add	*1,718.72*	
		For Class 55 Rating, Add	*2,560.01*	
		For Class 56 Rating, Add	*3,389.91*	
40 05 19 00-3279	EA	12" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,475.91	521.99
		For Class 52 Rating, Deduct	*-1,285.35*	
		For Class 54 Rating, Add	*1,762.24*	
		For Class 55 Rating, Add	*2,624.74*	
		For Class 56 Rating, Add	*3,475.55*	
40 05 19 00-3280	EA	12" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,770.19	524.97
		For Class 52 Rating, Deduct	*-1,317.23*	
		For Class 54 Rating, Add	*1,805.76*	
		For Class 55 Rating, Add	*2,689.47*	
		For Class 56 Rating, Add	*3,561.19*	
40 05 19 00-3281	EA	12" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,064.47	527.95
		For Class 52 Rating, Deduct	*-1,349.10*	
		For Class 54 Rating, Add	*1,849.28*	
		For Class 55 Rating, Add	*2,754.19*	
		For Class 56 Rating, Add	*3,646.84*	
40 05 19 00-3282	EA	12" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,358.77	530.93
		For Class 52 Rating, Deduct	*-1,380.97*	
		For Class 54 Rating, Add	*1,892.80*	
		For Class 55 Rating, Add	*2,818.92*	
		For Class 56 Rating, Add	*3,732.48*	

40 05 19 00-3283 14" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*

40 05 19 00-3284	EA	14" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,935.63	501.11
		For Class 52 Rating, Deduct	*-239.40*	
		For Class 54 Rating, Add	*335.57*	
		For Class 55 Rating, Add	*503.55*	
		For Class 56 Rating, Add	*669.36*	
40 05 19 00-3285	EA	14" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,292.91	504.10
		For Class 52 Rating, Deduct	*-278.20*	
		For Class 54 Rating, Add	*388.53*	
		For Class 55 Rating, Add	*582.33*	
		For Class 56 Rating, Add	*773.59*	
40 05 19 00-3286	EA	14" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,650.18	507.07
		For Class 52 Rating, Deduct	*-317.01*	
		For Class 54 Rating, Add	*441.50*	
		For Class 55 Rating, Add	*661.10*	
		For Class 56 Rating, Add	*877.81*	
40 05 19 00-3287	EA	14" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,007.45	510.06
		For Class 52 Rating, Deduct	*-355.81*	
		For Class 54 Rating, Add	*494.47*	
		For Class 55 Rating, Add	*739.87*	
		For Class 56 Rating, Add	*982.04*	
40 05 19 00-3288	EA	14" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,364.72	513.04
		For Class 52 Rating, Deduct	*-394.61*	
		For Class 54 Rating, Add	*547.44*	
		For Class 55 Rating, Add	*818.64*	
		For Class 56 Rating, Add	*1,086.26*	
40 05 19 00-3289	EA	14" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,722.01	516.03
		For Class 52 Rating, Deduct	*-433.42*	
		For Class 54 Rating, Add	*600.40*	
		For Class 55 Rating, Add	*897.42*	
		For Class 56 Rating, Add	*1,190.49*	
40 05 19 00-3290	EA	14" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,079.28	519.00
		For Class 52 Rating, Deduct	*-472.22*	
		For Class 54 Rating, Add	*653.37*	
		For Class 55 Rating, Add	*976.19*	
		For Class 56 Rating, Add	*1,294.72*	
40 05 19 00-3291	EA	14" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,436.55	521.99
		For Class 52 Rating, Deduct	*-511.02*	
		For Class 54 Rating, Add	*706.34*	
		For Class 55 Rating, Add	*1,054.96*	
		For Class 56 Rating, Add	*1,398.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3292	EA	14" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,793.83	524.97
		For Class 52 Rating, Deduct	*-549.83*	
		For Class 54 Rating, Add	*759.31*	
		For Class 55 Rating, Add	*1,133.74*	
		For Class 56 Rating, Add	*1,503.17*	
40 05 19 00-3293	EA	14" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,151.10	527.95
		For Class 52 Rating, Deduct	*-588.63*	
		For Class 54 Rating, Add	*812.27*	
		For Class 55 Rating, Add	*1,212.51*	
		For Class 56 Rating, Add	*1,607.39*	
40 05 19 00-3294	EA	14" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,508.39	530.93
		For Class 52 Rating, Deduct	*-627.43*	
		For Class 54 Rating, Add	*865.24*	
		For Class 55 Rating, Add	*1,291.28*	
		For Class 56 Rating, Add	*1,711.62*	
40 05 19 00-3295	EA	14" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,865.65	533.92
		For Class 52 Rating, Deduct	*-666.23*	
		For Class 54 Rating, Add	*918.21*	
		For Class 55 Rating, Add	*1,370.05*	
		For Class 56 Rating, Add	*1,815.84*	
40 05 19 00-3296	EA	14" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,222.93	536.91
		For Class 52 Rating, Deduct	*-705.04*	
		For Class 54 Rating, Add	*971.18*	
		For Class 55 Rating, Add	*1,448.83*	
		For Class 56 Rating, Add	*1,920.07*	
40 05 19 00-3297	EA	14" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,580.20	539.88
		For Class 52 Rating, Deduct	*-743.84*	
		For Class 54 Rating, Add	*1,024.14*	
		For Class 55 Rating, Add	*1,527.60*	
		For Class 56 Rating, Add	*2,024.29*	
40 05 19 00-3298	EA	14" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,937.47	542.87
		For Class 52 Rating, Deduct	*-782.64*	
		For Class 54 Rating, Add	*1,077.11*	
		For Class 55 Rating, Add	*1,606.37*	
		For Class 56 Rating, Add	*2,128.52*	
40 05 19 00-3299	EA	14" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,294.75	545.86
		For Class 52 Rating, Deduct	*-821.45*	
		For Class 54 Rating, Add	*1,130.08*	
		For Class 55 Rating, Add	*1,685.15*	
		For Class 56 Rating, Add	*2,232.75*	
40 05 19 00-3300	EA	14" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,652.03	548.83
		For Class 52 Rating, Deduct	*-860.25*	
		For Class 54 Rating, Add	*1,183.05*	
		For Class 55 Rating, Add	*1,763.92*	
		For Class 56 Rating, Add	*2,336.97*	
40 05 19 00-3301	EA	14" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,009.30	551.82
		For Class 52 Rating, Deduct	*-899.05*	
		For Class 54 Rating, Add	*1,236.01*	
		For Class 55 Rating, Add	*1,842.69*	
		For Class 56 Rating, Add	*2,441.20*	
40 05 19 00-3302	EA	14" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,366.57	554.80
		For Class 52 Rating, Deduct	*-937.86*	
		For Class 54 Rating, Add	*1,288.98*	
		For Class 55 Rating, Add	*1,921.47*	
		For Class 56 Rating, Add	*2,545.42*	
40 05 19 00-3303	EA	14" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,723.85	557.79
		For Class 52 Rating, Deduct	*-976.66*	
		For Class 54 Rating, Add	*1,341.95*	
		For Class 55 Rating, Add	*2,000.24*	
		For Class 56 Rating, Add	*2,649.65*	
40 05 19 00-3304	EA	14" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,081.13	560.76
		For Class 52 Rating, Deduct	*-1,015.46*	
		For Class 54 Rating, Add	*1,394.92*	
		For Class 55 Rating, Add	*2,079.01*	
		For Class 56 Rating, Add	*2,753.87*	
40 05 19 00-3305	EA	14" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,438.40	563.75
		For Class 52 Rating, Deduct	*-1,054.27*	
		For Class 54 Rating, Add	*1,447.88*	
		For Class 55 Rating, Add	*2,157.78*	
		For Class 56 Rating, Add	*2,858.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3306	EA	14" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,795.67	566.73
		For Class 52 Rating, Deduct	*-1,093.07*	
		For Class 54 Rating, Add	*1,500.85*	
		For Class 55 Rating, Add	*2,236.56*	
		For Class 56 Rating, Add	*2,962.32*	
40 05 19 00-3307	EA	14" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,152.94	569.72
		For Class 52 Rating, Deduct	*-1,131.87*	
		For Class 54 Rating, Add	*1,553.82*	
		For Class 55 Rating, Add	*2,315.33*	
		For Class 56 Rating, Add	*3,066.55*	
40 05 19 00-3308	EA	14" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,510.23	572.69
		For Class 52 Rating, Deduct	*-1,170.68*	
		For Class 54 Rating, Add	*1,606.79*	
		For Class 55 Rating, Add	*2,394.10*	
		For Class 56 Rating, Add	*3,170.78*	
40 05 19 00-3309	EA	14" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,867.49	575.69
		For Class 52 Rating, Deduct	*-1,209.48*	
		For Class 54 Rating, Add	*1,659.75*	
		For Class 55 Rating, Add	*2,472.87*	
		For Class 56 Rating, Add	*3,275.00*	
40 05 19 00-3310	EA	14" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,224.77	578.67
		For Class 52 Rating, Deduct	*-1,248.28*	
		For Class 54 Rating, Add	*1,712.72*	
		For Class 55 Rating, Add	*2,551.65*	
		For Class 56 Rating, Add	*3,379.23*	
40 05 19 00-3311	EA	14" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,582.04	581.64
		For Class 52 Rating, Deduct	*-1,287.08*	
		For Class 54 Rating, Add	*1,765.69*	
		For Class 55 Rating, Add	*2,630.42*	
		For Class 56 Rating, Add	*3,483.45*	
40 05 19 00-3312	EA	14" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,939.32	584.63
		For Class 52 Rating, Deduct	*-1,325.89*	
		For Class 54 Rating, Add	*1,818.66*	
		For Class 55 Rating, Add	*2,709.19*	
		For Class 56 Rating, Add	*3,587.68*	
40 05 19 00-3313	EA	14" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,296.59	587.61
		For Class 52 Rating, Deduct	*-1,364.69*	
		For Class 54 Rating, Add	*1,871.62*	
		For Class 55 Rating, Add	*2,787.97*	
		For Class 56 Rating, Add	*3,691.90*	
40 05 19 00-3314	EA	14" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,653.87	590.60
		For Class 52 Rating, Deduct	*-1,403.49*	
		For Class 54 Rating, Add	*1,924.59*	
		For Class 55 Rating, Add	*2,866.74*	
		For Class 56 Rating, Add	*3,796.13*	
40 05 19 00-3315	EA	14" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,011.14	593.57
		For Class 52 Rating, Deduct	*-1,442.30*	
		For Class 54 Rating, Add	*1,977.56*	
		For Class 55 Rating, Add	*2,945.51*	
		For Class 56 Rating, Add	*3,900.35*	
40 05 19 00-3316	EA	14" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,368.42	596.56
		For Class 52 Rating, Deduct	*-1,481.10*	
		For Class 54 Rating, Add	*2,030.53*	
		For Class 55 Rating, Add	*3,024.29*	
		For Class 56 Rating, Add	*4,004.58*	
40 05 19 00-3317	EA	14" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,725.70	599.54
		For Class 52 Rating, Deduct	*-1,519.90*	
		For Class 54 Rating, Add	*2,083.50*	
		For Class 55 Rating, Add	*3,103.06*	
		For Class 56 Rating, Add	*4,108.81*	
40 05 19 00-3318	EA	14" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,082.97	602.52
		For Class 52 Rating, Deduct	*-1,558.71*	
		For Class 54 Rating, Add	*2,136.46*	
		For Class 55 Rating, Add	*3,181.83*	
		For Class 56 Rating, Add	*4,213.03*	
40 05 19 00-3319	EA	14" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,440.25	605.50
		For Class 52 Rating, Deduct	*-1,597.51*	
		For Class 54 Rating, Add	*2,189.43*	
		For Class 55 Rating, Add	*3,260.61*	
		For Class 56 Rating, Add	*4,317.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3320	EA	14" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,797.51	608.49
		For Class 52 Rating, Deduct	*-1,636.31*	
		For Class 54 Rating, Add	*2,242.40*	
		For Class 55 Rating, Add	*3,339.38*	
		For Class 56 Rating, Add	*4,421.48*	
40 05 19 00-3321	EA	14" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,154.79	611.48
		For Class 52 Rating, Deduct	*-1,675.12*	
		For Class 54 Rating, Add	*2,295.37*	
		For Class 55 Rating, Add	*3,418.15*	
		For Class 56 Rating, Add	*4,525.71*	
40 05 19 00-3322		**16" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe** *(40 05 19 00-3082)*		
40 05 19 00-3323	EA	16" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,434.65	572.69
		For Class 52 Rating, Deduct	*-282.36*	
		For Class 54 Rating, Add	*395.45*	
		For Class 55 Rating, Add	*593.25*	
		For Class 56 Rating, Add	*788.48*	
40 05 19 00-3324	EA	16" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,848.61	575.69
		For Class 52 Rating, Deduct	*-327.40*	
		For Class 54 Rating, Add	*456.92*	
		For Class 55 Rating, Add	*684.66*	
		For Class 56 Rating, Add	*909.43*	
40 05 19 00-3325	EA	16" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,262.58	578.67
		For Class 52 Rating, Deduct	*-372.44*	
		For Class 54 Rating, Add	*518.39*	
		For Class 55 Rating, Add	*776.08*	
		For Class 56 Rating, Add	*1,030.38*	
40 05 19 00-3326	EA	16" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,676.55	581.64
		For Class 52 Rating, Deduct	*-417.48*	
		For Class 54 Rating, Add	*579.87*	
		For Class 55 Rating, Add	*867.50*	
		For Class 56 Rating, Add	*1,151.33*	
40 05 19 00-3327	EA	16" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,090.52	584.63
		For Class 52 Rating, Deduct	*-462.52*	
		For Class 54 Rating, Add	*641.34*	
		For Class 55 Rating, Add	*958.91*	
		For Class 56 Rating, Add	*1,272.28*	
40 05 19 00-3328	EA	16" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,504.48	587.61
		For Class 52 Rating, Deduct	*-507.56*	
		For Class 54 Rating, Add	*702.81*	
		For Class 55 Rating, Add	*1,050.33*	
		For Class 56 Rating, Add	*1,393.23*	
40 05 19 00-3329	EA	16" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,918.45	590.60
		For Class 52 Rating, Deduct	*-552.60*	
		For Class 54 Rating, Add	*764.28*	
		For Class 55 Rating, Add	*1,141.74*	
		For Class 56 Rating, Add	*1,514.18*	
40 05 19 00-3330	EA	16" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,332.42	593.57
		For Class 52 Rating, Deduct	*-597.64*	
		For Class 54 Rating, Add	*825.75*	
		For Class 55 Rating, Add	*1,233.16*	
		For Class 56 Rating, Add	*1,635.13*	
40 05 19 00-3331	EA	16" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,746.39	596.56
		For Class 52 Rating, Deduct	*-642.68*	
		For Class 54 Rating, Add	*887.22*	
		For Class 55 Rating, Add	*1,324.57*	
		For Class 56 Rating, Add	*1,756.08*	
40 05 19 00-3332	EA	16" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,160.36	599.54
		For Class 52 Rating, Deduct	*-687.72*	
		For Class 54 Rating, Add	*948.69*	
		For Class 55 Rating, Add	*1,415.99*	
		For Class 56 Rating, Add	*1,877.03*	
40 05 19 00-3333	EA	16" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,574.32	602.52
		For Class 52 Rating, Deduct	*-732.75*	
		For Class 54 Rating, Add	*1,010.17*	
		For Class 55 Rating, Add	*1,507.40*	
		For Class 56 Rating, Add	*1,997.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3334	EA	16" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,988.29	605.50
		For Class 52 Rating, Deduct	*-777.79*	
		For Class 54 Rating, Add	*1,071.64*	
		For Class 55 Rating, Add	*1,598.82*	
		For Class 56 Rating, Add	*2,118.93*	
40 05 19 00-3335	EA	16" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,402.25	608.49
		For Class 52 Rating, Deduct	*-822.83*	
		For Class 54 Rating, Add	*1,133.11*	
		For Class 55 Rating, Add	*1,690.23*	
		For Class 56 Rating, Add	*2,239.88*	
40 05 19 00-3336	EA	16" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,816.22	611.48
		For Class 52 Rating, Deduct	*-867.87*	
		For Class 54 Rating, Add	*1,194.58*	
		For Class 55 Rating, Add	*1,781.65*	
		For Class 56 Rating, Add	*2,360.83*	
40 05 19 00-3337	EA	16" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,230.20	614.45
		For Class 52 Rating, Deduct	*-912.91*	
		For Class 54 Rating, Add	*1,256.05*	
		For Class 55 Rating, Add	*1,873.07*	
		For Class 56 Rating, Add	*2,481.78*	
40 05 19 00-3338	EA	16" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,644.16	617.44
		For Class 52 Rating, Deduct	*-957.95*	
		For Class 54 Rating, Add	*1,317.52*	
		For Class 55 Rating, Add	*1,964.48*	
		For Class 56 Rating, Add	*2,602.73*	
40 05 19 00-3339	EA	16" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,058.12	620.43
		For Class 52 Rating, Deduct	*-1,002.99*	
		For Class 54 Rating, Add	*1,378.99*	
		For Class 55 Rating, Add	*2,055.89*	
		For Class 56 Rating, Add	*2,723.68*	
40 05 19 00-3340	EA	16" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,472.09	623.40
		For Class 52 Rating, Deduct	*-1,048.03*	
		For Class 54 Rating, Add	*1,440.47*	
		For Class 55 Rating, Add	*2,147.31*	
		For Class 56 Rating, Add	*2,844.63*	
40 05 19 00-3341	EA	16" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,886.06	626.39
		For Class 52 Rating, Deduct	*-1,093.07*	
		For Class 54 Rating, Add	*1,501.94*	
		For Class 55 Rating, Add	*2,238.73*	
		For Class 56 Rating, Add	*2,965.58*	
40 05 19 00-3342	EA	16" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,300.04	629.37
		For Class 52 Rating, Deduct	*-1,138.11*	
		For Class 54 Rating, Add	*1,563.41*	
		For Class 55 Rating, Add	*2,330.14*	
		For Class 56 Rating, Add	*3,086.53*	
40 05 19 00-3343	EA	16" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,713.99	632.36
		For Class 52 Rating, Deduct	*-1,183.15*	
		For Class 54 Rating, Add	*1,624.88*	
		For Class 55 Rating, Add	*2,421.56*	
		For Class 56 Rating, Add	*3,207.48*	
40 05 19 00-3344	EA	16" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,127.96	635.33
		For Class 52 Rating, Deduct	*-1,228.19*	
		For Class 54 Rating, Add	*1,686.35*	
		For Class 55 Rating, Add	*2,512.97*	
		For Class 56 Rating, Add	*3,328.43*	
40 05 19 00-3345	EA	16" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,541.93	638.32
		For Class 52 Rating, Deduct	*-1,273.23*	
		For Class 54 Rating, Add	*1,747.82*	
		For Class 55 Rating, Add	*2,604.39*	
		For Class 56 Rating, Add	*3,449.38*	
40 05 19 00-3346	EA	16" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,955.89	641.30
		For Class 52 Rating, Deduct	*-1,318.27*	
		For Class 54 Rating, Add	*1,809.29*	
		For Class 55 Rating, Add	*2,695.80*	
		For Class 56 Rating, Add	*3,570.33*	
40 05 19 00-3347	EA	16" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,369.87	644.29
		For Class 52 Rating, Deduct	*-1,363.30*	
		For Class 54 Rating, Add	*1,870.77*	
		For Class 55 Rating, Add	*2,787.22*	
		For Class 56 Rating, Add	*3,691.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3348	EA	16" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,783.83	647.26
		For Class 52 Rating, Deduct	*-1,408.34*	
		For Class 54 Rating, Add	*1,932.24*	
		For Class 55 Rating, Add	*2,878.63*	
		For Class 56 Rating, Add	*3,812.23*	
40 05 19 00-3349	EA	16" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,197.80	650.26
		For Class 52 Rating, Deduct	*-1,453.38*	
		For Class 54 Rating, Add	*1,993.71*	
		For Class 55 Rating, Add	*2,970.05*	
		For Class 56 Rating, Add	*3,933.18*	
40 05 19 00-3350	EA	16" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,611.76	653.24
		For Class 52 Rating, Deduct	*-1,498.42*	
		For Class 54 Rating, Add	*2,055.18*	
		For Class 55 Rating, Add	*3,061.46*	
		For Class 56 Rating, Add	*4,054.13*	
40 05 19 00-3351	EA	16" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,025.74	656.21
		For Class 52 Rating, Deduct	*-1,543.46*	
		For Class 54 Rating, Add	*2,116.65*	
		For Class 55 Rating, Add	*3,152.88*	
		For Class 56 Rating, Add	*4,175.08*	
40 05 19 00-3352	EA	16" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,439.71	659.20
		For Class 52 Rating, Deduct	*-1,588.50*	
		For Class 54 Rating, Add	*2,178.12*	
		For Class 55 Rating, Add	*3,244.30*	
		For Class 56 Rating, Add	*4,296.03*	
40 05 19 00-3353	EA	16" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,853.67	662.18
		For Class 52 Rating, Deduct	*-1,633.54*	
		For Class 54 Rating, Add	*2,239.59*	
		For Class 55 Rating, Add	*3,335.71*	
		For Class 56 Rating, Add	*4,416.98*	
40 05 19 00-3354	EA	16" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,267.63	665.17
		For Class 52 Rating, Deduct	*-1,678.58*	
		For Class 54 Rating, Add	*2,301.07*	
		For Class 55 Rating, Add	*3,427.13*	
		For Class 56 Rating, Add	*4,537.93*	
40 05 19 00-3355	EA	16" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,681.60	668.14
		For Class 52 Rating, Deduct	*-1,723.62*	
		For Class 54 Rating, Add	*2,362.54*	
		For Class 55 Rating, Add	*3,518.54*	
		For Class 56 Rating, Add	*4,658.88*	
40 05 19 00-3356	EA	16" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,095.58	671.13
		For Class 52 Rating, Deduct	*-1,768.66*	
		For Class 54 Rating, Add	*2,424.01*	
		For Class 55 Rating, Add	*3,609.96*	
		For Class 56 Rating, Add	*4,779.83*	
40 05 19 00-3357	EA	16" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,509.54	674.11
		For Class 52 Rating, Deduct	*-1,813.70*	
		For Class 54 Rating, Add	*2,485.48*	
		For Class 55 Rating, Add	*3,701.37*	
		For Class 56 Rating, Add	*4,900.78*	
40 05 19 00-3358	EA	16" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,923.50	677.09
		For Class 52 Rating, Deduct	*-1,858.74*	
		For Class 54 Rating, Add	*2,546.95*	
		For Class 55 Rating, Add	*3,792.79*	
		For Class 56 Rating, Add	*5,021.72*	
40 05 19 00-3359	EA	16" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,337.47	680.07
		For Class 52 Rating, Deduct	*-1,903.78*	
		For Class 54 Rating, Add	*2,608.42*	
		For Class 55 Rating, Add	*3,884.20*	
		For Class 56 Rating, Add	*5,142.67*	
40 05 19 00-3360	EA	16" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,751.44	683.06
		For Class 52 Rating, Deduct	*-1,948.82*	
		For Class 54 Rating, Add	*2,669.89*	
		For Class 55 Rating, Add	*3,975.62*	
		For Class 56 Rating, Add	*5,263.63*	

40 05 19 00-3361 18" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3362	EA	18" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,985.87	645.48
		For Class 52 Rating, Deduct	*-330.87*	
		For Class 54 Rating, Add	*462.92*	
		For Class 55 Rating, Add	*694.23*	
		For Class 56 Rating, Add	*922.53*	
40 05 19 00-3363	EA	18" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,462.83	648.47
		For Class 52 Rating, Deduct	*-382.83*	
		For Class 54 Rating, Add	*533.84*	
		For Class 55 Rating, Add	*799.69*	
		For Class 56 Rating, Add	*1,062.06*	
40 05 19 00-3364	EA	18" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,939.79	651.44
		For Class 52 Rating, Deduct	*-434.80*	
		For Class 54 Rating, Add	*604.76*	
		For Class 55 Rating, Add	*905.15*	
		For Class 56 Rating, Add	*1,201.59*	
40 05 19 00-3365	EA	18" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,416.75	654.43
		For Class 52 Rating, Deduct	*-486.77*	
		For Class 54 Rating, Add	*675.68*	
		For Class 55 Rating, Add	*1,010.61*	
		For Class 56 Rating, Add	*1,341.13*	
40 05 19 00-3366	EA	18" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,893.70	657.42
		For Class 52 Rating, Deduct	*-538.74*	
		For Class 54 Rating, Add	*746.60*	
		For Class 55 Rating, Add	*1,116.08*	
		For Class 56 Rating, Add	*1,480.66*	
40 05 19 00-3367	EA	18" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,370.66	660.39
		For Class 52 Rating, Deduct	*-590.71*	
		For Class 54 Rating, Add	*817.52*	
		For Class 55 Rating, Add	*1,221.54*	
		For Class 56 Rating, Add	*1,620.19*	
40 05 19 00-3368	EA	18" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,847.63	663.37
		For Class 52 Rating, Deduct	*-642.68*	
		For Class 54 Rating, Add	*888.44*	
		For Class 55 Rating, Add	*1,327.00*	
		For Class 56 Rating, Add	*1,759.72*	
40 05 19 00-3369	EA	18" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,324.59	666.36
		For Class 52 Rating, Deduct	*-694.64*	
		For Class 54 Rating, Add	*959.36*	
		For Class 55 Rating, Add	*1,432.47*	
		For Class 56 Rating, Add	*1,899.26*	
40 05 19 00-3370	EA	18" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,801.54	669.34
		For Class 52 Rating, Deduct	*-746.61*	
		For Class 54 Rating, Add	*1,030.28*	
		For Class 55 Rating, Add	*1,537.93*	
		For Class 56 Rating, Add	*2,038.79*	
40 05 19 00-3371	EA	18" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,278.50	672.32
		For Class 52 Rating, Deduct	*-798.58*	
		For Class 54 Rating, Add	*1,101.20*	
		For Class 55 Rating, Add	*1,643.39*	
		For Class 56 Rating, Add	*2,178.32*	
40 05 19 00-3372	EA	18" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,755.47	675.30
		For Class 52 Rating, Deduct	*-850.55*	
		For Class 54 Rating, Add	*1,172.12*	
		For Class 55 Rating, Add	*1,748.85*	
		For Class 56 Rating, Add	*2,317.85*	
40 05 19 00-3373	EA	18" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,232.43	678.29
		For Class 52 Rating, Deduct	*-902.52*	
		For Class 54 Rating, Add	*1,243.04*	
		For Class 55 Rating, Add	*1,854.32*	
		For Class 56 Rating, Add	*2,457.39*	
40 05 19 00-3374	EA	18" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,709.38	681.26
		For Class 52 Rating, Deduct	*-954.49*	
		For Class 54 Rating, Add	*1,313.96*	
		For Class 55 Rating, Add	*1,959.78*	
		For Class 56 Rating, Add	*2,596.92*	
40 05 19 00-3375	EA	18" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,186.34	684.25
		For Class 52 Rating, Deduct	*-1,006.45*	
		For Class 54 Rating, Add	*1,384.88*	
		For Class 55 Rating, Add	*2,065.24*	
		For Class 56 Rating, Add	*2,736.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3376	EA	18" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,663.30	687.24
		For Class 52 Rating, Deduct	*-1,058.42*	
		For Class 54 Rating, Add	*1,455.80*	
		For Class 55 Rating, Add	*2,170.70*	
		For Class 56 Rating, Add	*2,875.98*	
40 05 19 00-3377	EA	18" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,140.26	690.23
		For Class 52 Rating, Deduct	*-1,110.39*	
		For Class 54 Rating, Add	*1,526.72*	
		For Class 55 Rating, Add	*2,276.17*	
		For Class 56 Rating, Add	*3,015.52*	
40 05 19 00-3378	EA	18" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,617.22	693.20
		For Class 52 Rating, Deduct	*-1,162.36*	
		For Class 54 Rating, Add	*1,597.64*	
		For Class 55 Rating, Add	*2,381.63*	
		For Class 56 Rating, Add	*3,155.05*	
40 05 19 00-3379	EA	18" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,094.18	696.19
		For Class 52 Rating, Deduct	*-1,214.33*	
		For Class 54 Rating, Add	*1,668.56*	
		For Class 55 Rating, Add	*2,487.09*	
		For Class 56 Rating, Add	*3,294.58*	
40 05 19 00-3380	EA	18" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,571.14	699.17
		For Class 52 Rating, Deduct	*-1,266.30*	
		For Class 54 Rating, Add	*1,739.48*	
		For Class 55 Rating, Add	*2,592.55*	
		For Class 56 Rating, Add	*3,434.11*	
40 05 19 00-3381	EA	18" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,048.09	702.15
		For Class 52 Rating, Deduct	*-1,318.27*	
		For Class 54 Rating, Add	*1,810.40*	
		For Class 55 Rating, Add	*2,698.02*	
		For Class 56 Rating, Add	*3,573.65*	
40 05 19 00-3382	EA	18" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,525.06	705.13
		For Class 52 Rating, Deduct	*-1,370.23*	
		For Class 54 Rating, Add	*1,881.32*	
		For Class 55 Rating, Add	*2,803.48*	
		For Class 56 Rating, Add	*3,713.18*	
40 05 19 00-3383	EA	18" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,002.02	708.12
		For Class 52 Rating, Deduct	*-1,422.20*	
		For Class 54 Rating, Add	*1,952.24*	
		For Class 55 Rating, Add	*2,908.94*	
		For Class 56 Rating, Add	*3,852.71*	
40 05 19 00-3384	EA	18" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,478.98	711.10
		For Class 52 Rating, Deduct	*-1,474.17*	
		For Class 54 Rating, Add	*2,023.16*	
		For Class 55 Rating, Add	*3,014.40*	
		For Class 56 Rating, Add	*3,992.24*	
40 05 19 00-3385	EA	18" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,955.93	714.08
		For Class 52 Rating, Deduct	*-1,526.14*	
		For Class 54 Rating, Add	*2,094.08*	
		For Class 55 Rating, Add	*3,119.87*	
		For Class 56 Rating, Add	*4,131.78*	
40 05 19 00-3386	EA	18" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,432.89	717.06
		For Class 52 Rating, Deduct	*-1,578.11*	
		For Class 54 Rating, Add	*2,165.00*	
		For Class 55 Rating, Add	*3,225.33*	
		For Class 56 Rating, Add	*4,271.31*	
40 05 19 00-3387	EA	18" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,909.86	720.05
		For Class 52 Rating, Deduct	*-1,630.08*	
		For Class 54 Rating, Add	*2,235.92*	
		For Class 55 Rating, Add	*3,330.79*	
		For Class 56 Rating, Add	*4,410.84*	
40 05 19 00-3388	EA	18" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,386.81	723.04
		For Class 52 Rating, Deduct	*-1,682.04*	
		For Class 54 Rating, Add	*2,306.84*	
		For Class 55 Rating, Add	*3,436.25*	
		For Class 56 Rating, Add	*4,550.37*	
40 05 19 00-3389	EA	18" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,863.77	726.01
		For Class 52 Rating, Deduct	*-1,734.01*	
		For Class 54 Rating, Add	*2,377.76*	
		For Class 55 Rating, Add	*3,541.72*	
		For Class 56 Rating, Add	*4,689.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3390	EA	18" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,340.73	729.00
		For Class 52 Rating, Deduct	*-1,785.98*	
		For Class 54 Rating, Add	*2,448.68*	
		For Class 55 Rating, Add	*3,647.18*	
		For Class 56 Rating, Add	*4,829.44*	
40 05 19 00-3391	EA	18" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,817.70	731.99
		For Class 52 Rating, Deduct	*-1,837.95*	
		For Class 54 Rating, Add	*2,519.60*	
		For Class 55 Rating, Add	*3,752.64*	
		For Class 56 Rating, Add	*4,968.97*	
40 05 19 00-3392	EA	18" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,294.65	734.96
		For Class 52 Rating, Deduct	*-1,889.92*	
		For Class 54 Rating, Add	*2,590.52*	
		For Class 55 Rating, Add	*3,858.10*	
		For Class 56 Rating, Add	*5,108.50*	
40 05 19 00-3393	EA	18" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,771.61	737.94
		For Class 52 Rating, Deduct	*-1,941.89*	
		For Class 54 Rating, Add	*2,661.44*	
		For Class 55 Rating, Add	*3,963.57*	
		For Class 56 Rating, Add	*5,248.04*	
40 05 19 00-3394	EA	18" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,248.57	740.93
		For Class 52 Rating, Deduct	*-1,993.85*	
		For Class 54 Rating, Add	*2,732.36*	
		For Class 55 Rating, Add	*4,069.03*	
		For Class 56 Rating, Add	*5,387.57*	
40 05 19 00-3395	EA	18" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,725.53	743.91
		For Class 52 Rating, Deduct	*-2,045.82*	
		For Class 54 Rating, Add	*2,803.28*	
		For Class 55 Rating, Add	*4,174.49*	
		For Class 56 Rating, Add	*5,527.10*	
40 05 19 00-3396	EA	18" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,202.49	746.89
		For Class 52 Rating, Deduct	*-2,097.79*	
		For Class 54 Rating, Add	*2,874.20*	
		For Class 55 Rating, Add	*4,279.95*	
		For Class 56 Rating, Add	*5,666.63*	
40 05 19 00-3397	EA	18" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,679.45	749.87
		For Class 52 Rating, Deduct	*-2,149.76*	
		For Class 54 Rating, Add	*2,945.12*	
		For Class 55 Rating, Add	*4,385.42*	
		For Class 56 Rating, Add	*5,806.17*	
40 05 19 00-3398	EA	18" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,156.41	752.86
		For Class 52 Rating, Deduct	*-2,201.73*	
		For Class 54 Rating, Add	*3,016.04*	
		For Class 55 Rating, Add	*4,490.88*	
		For Class 56 Rating, Add	*5,945.70*	
40 05 19 00-3399	EA	18" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,633.36	755.83
		For Class 52 Rating, Deduct	*-2,253.70*	
		For Class 54 Rating, Add	*3,086.97*	
		For Class 55 Rating, Add	*4,596.34*	
		For Class 56 Rating, Add	*6,085.23*	
40 05 19 00-3400		20" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*		
40 05 19 00-3401	EA	20" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,643.84	736.75
		For Class 52 Rating, Deduct	*-388.03*	
		For Class 54 Rating, Add	*542.53*	
		For Class 55 Rating, Add	*813.43*	
		For Class 56 Rating, Add	*1,080.81*	
40 05 19 00-3402	EA	20" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,186.93	739.74
		For Class 52 Rating, Deduct	*-447.27*	
		For Class 54 Rating, Add	*623.37*	
		For Class 55 Rating, Add	*933.65*	
		For Class 56 Rating, Add	*1,239.86*	
40 05 19 00-3403	EA	20" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,730.05	742.71
		For Class 52 Rating, Deduct	*-506.52*	
		For Class 54 Rating, Add	*704.21*	
		For Class 55 Rating, Add	*1,053.86*	
		For Class 56 Rating, Add	*1,398.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3404	EA	20" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,273.15	745.70
		For Class 52 Rating, Deduct	*-565.76*	
		For Class 54 Rating, Add	*785.05*	
		For Class 55 Rating, Add	*1,174.07*	
		For Class 56 Rating, Add	*1,557.95*	
40 05 19 00-3405	EA	20" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,816.25	748.68
		For Class 52 Rating, Deduct	*-625.01*	
		For Class 54 Rating, Add	*865.89*	
		For Class 55 Rating, Add	*1,294.28*	
		For Class 56 Rating, Add	*1,716.99*	
40 05 19 00-3406	EA	20" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,359.34	751.66
		For Class 52 Rating, Deduct	*-684.25*	
		For Class 54 Rating, Add	*946.74*	
		For Class 55 Rating, Add	*1,414.50*	
		For Class 56 Rating, Add	*1,876.04*	
40 05 19 00-3407	EA	20" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,902.44	754.64
		For Class 52 Rating, Deduct	*-743.49*	
		For Class 54 Rating, Add	*1,027.58*	
		For Class 55 Rating, Add	*1,534.71*	
		For Class 56 Rating, Add	*2,035.08*	
40 05 19 00-3408	EA	20" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,445.55	757.63
		For Class 52 Rating, Deduct	*-802.74*	
		For Class 54 Rating, Add	*1,108.42*	
		For Class 55 Rating, Add	*1,654.92*	
		For Class 56 Rating, Add	*2,194.12*	
40 05 19 00-3409	EA	20" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,988.65	760.62
		For Class 52 Rating, Deduct	*-861.98*	
		For Class 54 Rating, Add	*1,189.26*	
		For Class 55 Rating, Add	*1,775.13*	
		For Class 56 Rating, Add	*2,353.17*	
40 05 19 00-3410	EA	20" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,531.75	763.59
		For Class 52 Rating, Deduct	*-921.23*	
		For Class 54 Rating, Add	*1,270.10*	
		For Class 55 Rating, Add	*1,895.35*	
		For Class 56 Rating, Add	*2,512.21*	
40 05 19 00-3411	EA	20" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,074.85	766.58
		For Class 52 Rating, Deduct	*-980.47*	
		For Class 54 Rating, Add	*1,350.94*	
		For Class 55 Rating, Add	*2,015.56*	
		For Class 56 Rating, Add	*2,671.26*	
40 05 19 00-3412	EA	20" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,617.96	769.57
		For Class 52 Rating, Deduct	*-1,039.71*	
		For Class 54 Rating, Add	*1,431.78*	
		For Class 55 Rating, Add	*2,135.77*	
		For Class 56 Rating, Add	*2,830.30*	
40 05 19 00-3413	EA	20" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,161.05	772.54
		For Class 52 Rating, Deduct	*-1,098.96*	
		For Class 54 Rating, Add	*1,512.63*	
		For Class 55 Rating, Add	*2,255.98*	
		For Class 56 Rating, Add	*2,989.35*	
40 05 19 00-3414	EA	20" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,704.15	775.53
		For Class 52 Rating, Deduct	*-1,158.20*	
		For Class 54 Rating, Add	*1,593.47*	
		For Class 55 Rating, Add	*2,376.19*	
		For Class 56 Rating, Add	*3,148.39*	
40 05 19 00-3415	EA	20" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,247.25	778.51
		For Class 52 Rating, Deduct	*-1,217.45*	
		For Class 54 Rating, Add	*1,674.31*	
		For Class 55 Rating, Add	*2,496.40*	
		For Class 56 Rating, Add	*3,307.43*	
40 05 19 00-3416	EA	20" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,790.36	781.50
		For Class 52 Rating, Deduct	*-1,276.69*	
		For Class 54 Rating, Add	*1,755.15*	
		For Class 55 Rating, Add	*2,616.62*	
		For Class 56 Rating, Add	*3,466.48*	
40 05 19 00-3417	EA	20" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,333.46	784.47
		For Class 52 Rating, Deduct	*-1,335.93*	
		For Class 54 Rating, Add	*1,835.99*	
		For Class 55 Rating, Add	*2,736.83*	
		For Class 56 Rating, Add	*3,625.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3418	EA	20" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,876.56	787.46
		For Class 52 Rating, Deduct	*-1,395.18*	
		For Class 54 Rating, Add	*1,916.83*	
		For Class 55 Rating, Add	*2,857.04*	
		For Class 56 Rating, Add	*3,784.57*	
40 05 19 00-3419	EA	20" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,419.66	790.44
		For Class 52 Rating, Deduct	*-1,454.42*	
		For Class 54 Rating, Add	*1,997.67*	
		For Class 55 Rating, Add	*2,977.25*	
		For Class 56 Rating, Add	*3,943.61*	
40 05 19 00-3420	EA	20" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,962.76	793.43
		For Class 52 Rating, Deduct	*-1,513.67*	
		For Class 54 Rating, Add	*2,078.52*	
		For Class 55 Rating, Add	*3,097.47*	
		For Class 56 Rating, Add	*4,102.65*	
40 05 19 00-3421	EA	20" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,505.85	796.40
		For Class 52 Rating, Deduct	*-1,572.91*	
		For Class 54 Rating, Add	*2,159.36*	
		For Class 55 Rating, Add	*3,217.68*	
		For Class 56 Rating, Add	*4,261.70*	
40 05 19 00-3422	EA	20" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,048.97	799.40
		For Class 52 Rating, Deduct	*-1,632.15*	
		For Class 54 Rating, Add	*2,240.20*	
		For Class 55 Rating, Add	*3,337.89*	
		For Class 56 Rating, Add	*4,420.75*	
40 05 19 00-3423	EA	20" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,592.07	802.38
		For Class 52 Rating, Deduct	*-1,691.40*	
		For Class 54 Rating, Add	*2,321.04*	
		For Class 55 Rating, Add	*3,458.10*	
		For Class 56 Rating, Add	*4,579.79*	
40 05 19 00-3424	EA	20" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,135.16	805.35
		For Class 52 Rating, Deduct	*-1,750.64*	
		For Class 54 Rating, Add	*2,401.88*	
		For Class 55 Rating, Add	*3,578.31*	
		For Class 56 Rating, Add	*4,738.83*	
40 05 19 00-3425	EA	20" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,678.26	808.34
		For Class 52 Rating, Deduct	*-1,809.89*	
		For Class 54 Rating, Add	*2,482.72*	
		For Class 55 Rating, Add	*3,698.53*	
		For Class 56 Rating, Add	*4,897.88*	
40 05 19 00-3426	EA	20" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,221.37	811.32
		For Class 52 Rating, Deduct	*-1,869.13*	
		For Class 54 Rating, Add	*2,563.56*	
		For Class 55 Rating, Add	*3,818.74*	
		For Class 56 Rating, Add	*5,056.92*	
40 05 19 00-3427	EA	20" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,764.47	814.31
		For Class 52 Rating, Deduct	*-1,928.37*	
		For Class 54 Rating, Add	*2,644.41*	
		For Class 55 Rating, Add	*3,938.95*	
		For Class 56 Rating, Add	*5,215.96*	
40 05 19 00-3428	EA	20" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,307.57	817.28
		For Class 52 Rating, Deduct	*-1,987.62*	
		For Class 54 Rating, Add	*2,725.25*	
		For Class 55 Rating, Add	*4,059.16*	
		For Class 56 Rating, Add	*5,375.01*	
40 05 19 00-3429	EA	20" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,850.67	820.27
		For Class 52 Rating, Deduct	*-2,046.86*	
		For Class 54 Rating, Add	*2,806.09*	
		For Class 55 Rating, Add	*4,179.38*	
		For Class 56 Rating, Add	*5,534.05*	
40 05 19 00-3430	EA	20" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,393.77	823.25
		For Class 52 Rating, Deduct	*-2,106.11*	
		For Class 54 Rating, Add	*2,886.93*	
		For Class 55 Rating, Add	*4,299.59*	
		For Class 56 Rating, Add	*5,693.10*	
40 05 19 00-3431	EA	20" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,936.88	826.23
		For Class 52 Rating, Deduct	*-2,165.35*	
		For Class 54 Rating, Add	*2,967.77*	
		For Class 55 Rating, Add	*4,419.80*	
		For Class 56 Rating, Add	*5,852.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3432	EA	20" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,479.97	829.21
		For Class 52 Rating, Deduct	*-2,224.59*	
		For Class 54 Rating, Add	*3,048.61*	
		For Class 55 Rating, Add	*4,540.01*	
		For Class 56 Rating, Add	*6,011.19*	
40 05 19 00-3433	EA	20" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,023.07	832.20
		For Class 52 Rating, Deduct	*-2,283.84*	
		For Class 54 Rating, Add	*3,129.45*	
		For Class 55 Rating, Add	*4,660.22*	
		For Class 56 Rating, Add	*6,170.23*	
40 05 19 00-3434	EA	20" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,566.17	835.19
		For Class 52 Rating, Deduct	*-2,343.08*	
		For Class 54 Rating, Add	*3,210.30*	
		For Class 55 Rating, Add	*4,780.44*	
		For Class 56 Rating, Add	*6,329.27*	
40 05 19 00-3435	EA	20" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,109.27	838.17
		For Class 52 Rating, Deduct	*-2,402.33*	
		For Class 54 Rating, Add	*3,291.14*	
		For Class 55 Rating, Add	*4,900.65*	
		For Class 56 Rating, Add	*6,488.32*	
40 05 19 00-3436	EA	20" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,652.38	841.15
		For Class 52 Rating, Deduct	*-2,461.57*	
		For Class 54 Rating, Add	*3,371.98*	
		For Class 55 Rating, Add	*5,020.86*	
		For Class 56 Rating, Add	*6,647.36*	
40 05 19 00-3437	EA	20" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,195.48	844.14
		For Class 52 Rating, Deduct	*-2,520.81*	
		For Class 54 Rating, Add	*3,452.82*	
		For Class 55 Rating, Add	*5,141.07*	
		For Class 56 Rating, Add	*6,806.41*	
40 05 19 00-3438	EA	20" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,738.58	847.11
		For Class 52 Rating, Deduct	*-2,580.06*	
		For Class 54 Rating, Add	*3,533.66*	
		For Class 55 Rating, Add	*5,261.28*	
		For Class 56 Rating, Add	*6,965.45*	

40 05 19 00-3439 24" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*

40 05 19 00-3440	EA	24" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,722.80	870.97
		For Class 52 Rating, Deduct	*-484.35*	
		For Class 54 Rating, Add	*676.31*	
		For Class 55 Rating, Add	*1,013.57*	
		For Class 56 Rating, Add	*1,346.43*	
40 05 19 00-3441	EA	24" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,395.04	873.97
		For Class 52 Rating, Deduct	*-557.79*	
		For Class 54 Rating, Add	*776.52*	
		For Class 55 Rating, Add	*1,162.58*	
		For Class 56 Rating, Add	*1,543.57*	
40 05 19 00-3442	EA	24" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,067.27	876.95
		For Class 52 Rating, Deduct	*-631.24*	
		For Class 54 Rating, Add	*876.73*	
		For Class 55 Rating, Add	*1,311.59*	
		For Class 56 Rating, Add	*1,740.71*	
40 05 19 00-3443	EA	24" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,739.51	879.92
		For Class 52 Rating, Deduct	*-704.69*	
		For Class 54 Rating, Add	*976.94*	
		For Class 55 Rating, Add	*1,460.60*	
		For Class 56 Rating, Add	*1,937.85*	
40 05 19 00-3444	EA	24" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,411.74	882.91
		For Class 52 Rating, Deduct	*-778.14*	
		For Class 54 Rating, Add	*1,077.15*	
		For Class 55 Rating, Add	*1,609.61*	
		For Class 56 Rating, Add	*2,134.99*	
40 05 19 00-3445	EA	24" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,083.98	885.89
		For Class 52 Rating, Deduct	*-851.59*	
		For Class 54 Rating, Add	*1,177.37*	
		For Class 55 Rating, Add	*1,758.62*	
		For Class 56 Rating, Add	*2,332.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3446	EA	24" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,756.21	888.88
		For Class 52 Rating, Deduct	*-925.04*	
		For Class 54 Rating, Add	*1,277.58*	
		For Class 55 Rating, Add	*1,907.63*	
		For Class 56 Rating, Add	*2,529.27*	
40 05 19 00-3447	EA	24" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,428.45	891.85
		For Class 52 Rating, Deduct	*-998.49*	
		For Class 54 Rating, Add	*1,377.79*	
		For Class 55 Rating, Add	*2,056.64*	
		For Class 56 Rating, Add	*2,726.41*	
40 05 19 00-3448	EA	24" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,100.67	894.84
		For Class 52 Rating, Deduct	*-1,071.93*	
		For Class 54 Rating, Add	*1,478.00*	
		For Class 55 Rating, Add	*2,205.64*	
		For Class 56 Rating, Add	*2,923.54*	
40 05 19 00-3449	EA	24" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,772.92	897.82
		For Class 52 Rating, Deduct	*-1,145.38*	
		For Class 54 Rating, Add	*1,578.21*	
		For Class 55 Rating, Add	*2,354.65*	
		For Class 56 Rating, Add	*3,120.68*	
40 05 19 00-3450	EA	24" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,445.15	900.80
		For Class 52 Rating, Deduct	*-1,218.83*	
		For Class 54 Rating, Add	*1,678.42*	
		For Class 55 Rating, Add	*2,503.66*	
		For Class 56 Rating, Add	*3,317.82*	
40 05 19 00-3451	EA	24" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,117.39	903.78
		For Class 52 Rating, Deduct	*-1,292.28*	
		For Class 54 Rating, Add	*1,778.63*	
		For Class 55 Rating, Add	*2,652.67*	
		For Class 56 Rating, Add	*3,514.96*	
40 05 19 00-3452	EA	24" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,789.61	906.77
		For Class 52 Rating, Deduct	*-1,365.73*	
		For Class 54 Rating, Add	*1,878.84*	
		For Class 55 Rating, Add	*2,801.68*	
		For Class 56 Rating, Add	*3,712.10*	
40 05 19 00-3453	EA	24" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,461.85	909.76
		For Class 52 Rating, Deduct	*-1,439.18*	
		For Class 54 Rating, Add	*1,979.06*	
		For Class 55 Rating, Add	*2,950.69*	
		For Class 56 Rating, Add	*3,909.24*	
40 05 19 00-3454	EA	24" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,134.09	912.74
		For Class 52 Rating, Deduct	*-1,512.63*	
		For Class 54 Rating, Add	*2,079.27*	
		For Class 55 Rating, Add	*3,099.70*	
		For Class 56 Rating, Add	*4,106.38*	
40 05 19 00-3455	EA	24" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,806.32	915.72
		For Class 52 Rating, Deduct	*-1,586.08*	
		For Class 54 Rating, Add	*2,179.48*	
		For Class 55 Rating, Add	*3,248.71*	
		For Class 56 Rating, Add	*4,303.51*	
40 05 19 00-3456	EA	24" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,478.55	918.71
		For Class 52 Rating, Deduct	*-1,659.52*	
		For Class 54 Rating, Add	*2,279.69*	
		For Class 55 Rating, Add	*3,397.71*	
		For Class 56 Rating, Add	*4,500.65*	
40 05 19 00-3457	EA	24" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,150.79	921.68
		For Class 52 Rating, Deduct	*-1,732.97*	
		For Class 54 Rating, Add	*2,379.90*	
		For Class 55 Rating, Add	*3,546.72*	
		For Class 56 Rating, Add	*4,697.79*	
40 05 19 00-3458	EA	24" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,823.03	924.67
		For Class 52 Rating, Deduct	*-1,806.42*	
		For Class 54 Rating, Add	*2,480.11*	
		For Class 55 Rating, Add	*3,695.73*	
		For Class 56 Rating, Add	*4,894.93*	
40 05 19 00-3459	EA	24" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,495.26	927.65
		For Class 52 Rating, Deduct	*-1,879.87*	
		For Class 54 Rating, Add	*2,580.33*	
		For Class 55 Rating, Add	*3,844.74*	
		For Class 56 Rating, Add	*5,092.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3460	EA	24" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,167.49	930.64
		For Class 52 Rating, Deduct	*-1,953.32*	
		For Class 54 Rating, Add	*2,680.54*	
		For Class 55 Rating, Add	*3,993.75*	
		For Class 56 Rating, Add	*5,289.21*	
40 05 19 00-3461	EA	24" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,839.73	933.61
		For Class 52 Rating, Deduct	*-2,026.77*	
		For Class 54 Rating, Add	*2,780.75*	
		For Class 55 Rating, Add	*4,142.76*	
		For Class 56 Rating, Add	*5,486.35*	
40 05 19 00-3462	EA	24" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,511.97	936.60
		For Class 52 Rating, Deduct	*-2,100.22*	
		For Class 54 Rating, Add	*2,880.96*	
		For Class 55 Rating, Add	*4,291.77*	
		For Class 56 Rating, Add	*5,683.49*	
40 05 19 00-3463	EA	24" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,184.20	939.58
		For Class 52 Rating, Deduct	*-2,173.66*	
		For Class 54 Rating, Add	*2,981.17*	
		For Class 55 Rating, Add	*4,440.78*	
		For Class 56 Rating, Add	*5,880.62*	
40 05 19 00-3464	EA	24" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,856.44	942.57
		For Class 52 Rating, Deduct	*-2,247.11*	
		For Class 54 Rating, Add	*3,081.38*	
		For Class 55 Rating, Add	*4,589.79*	
		For Class 56 Rating, Add	*6,077.76*	
40 05 19 00-3465	EA	24" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,528.67	945.54
		For Class 52 Rating, Deduct	*-2,320.56*	
		For Class 54 Rating, Add	*3,181.59*	
		For Class 55 Rating, Add	*4,738.80*	
		For Class 56 Rating, Add	*6,274.90*	
40 05 19 00-3466	EA	24" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,200.90	948.53
		For Class 52 Rating, Deduct	*-2,394.01*	
		For Class 54 Rating, Add	*3,281.81*	
		For Class 55 Rating, Add	*4,887.81*	
		For Class 56 Rating, Add	*6,472.04*	
40 05 19 00-3467	EA	24" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,873.13	951.52
		For Class 52 Rating, Deduct	*-2,467.46*	
		For Class 54 Rating, Add	*3,382.02*	
		For Class 55 Rating, Add	*5,036.81*	
		For Class 56 Rating, Add	*6,669.18*	
40 05 19 00-3468	EA	24" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,545.38	954.49
		For Class 52 Rating, Deduct	*-2,540.91*	
		For Class 54 Rating, Add	*3,482.23*	
		For Class 55 Rating, Add	*5,185.82*	
		For Class 56 Rating, Add	*6,866.32*	
40 05 19 00-3469	EA	24" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,294.43	1,008.18
		For Class 52 Rating, Deduct	*-2,614.36*	
		For Class 54 Rating, Add	*3,583.36*	
		For Class 55 Rating, Add	*5,336.68*	
		For Class 56 Rating, Add	*7,066.22*	
40 05 19 00-3470	EA	24" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,966.68	1,011.17
		For Class 52 Rating, Deduct	*-2,687.81*	
		For Class 54 Rating, Add	*3,683.57*	
		For Class 55 Rating, Add	*5,485.69*	
		For Class 56 Rating, Add	*7,263.36*	
40 05 19 00-3471	EA	24" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,638.90	1,014.15
		For Class 52 Rating, Deduct	*-2,761.25*	
		For Class 54 Rating, Add	*3,783.79*	
		For Class 55 Rating, Add	*5,634.69*	
		For Class 56 Rating, Add	*7,460.50*	
40 05 19 00-3472	EA	24" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,311.14	1,017.14
		For Class 52 Rating, Deduct	*-2,834.70*	
		For Class 54 Rating, Add	*3,884.00*	
		For Class 55 Rating, Add	*5,783.70*	
		For Class 56 Rating, Add	*7,657.64*	
40 05 19 00-3473	EA	24" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,983.37	1,020.11
		For Class 52 Rating, Deduct	*-2,908.15*	
		For Class 54 Rating, Add	*3,984.21*	
		For Class 55 Rating, Add	*5,932.71*	
		For Class 56 Rating, Add	*7,854.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3474	EA	24" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,805.22	1,023.10
		For Class 52 Rating, Deduct	*-3,328.06*	
		For Class 54 Rating, Add	*4,556.86*	
		For Class 55 Rating, Add	*6,784.08*	
		For Class 56 Rating, Add	*8,981.05*	
40 05 19 00-3475	EA	24" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,327.84	1,026.09
		For Class 52 Rating, Deduct	*-3,055.05*	
		For Class 54 Rating, Add	*4,184.63*	
		For Class 55 Rating, Add	*6,230.73*	
		For Class 56 Rating, Add	*8,249.05*	
40 05 19 00-3476	EA	24" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,000.08	1,029.06
		For Class 52 Rating, Deduct	*-3,128.50*	
		For Class 54 Rating, Add	*4,284.84*	
		For Class 55 Rating, Add	*6,379.74*	
		For Class 56 Rating, Add	*8,446.19*	
40 05 19 00-3477	EA	24" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,672.31	1,032.05
		For Class 52 Rating, Deduct	*-3,201.95*	
		For Class 54 Rating, Add	*4,385.05*	
		For Class 55 Rating, Add	*6,528.75*	
		For Class 56 Rating, Add	*8,643.33*	

40 05 19 00-3478 30" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*

40 05 19 00-3479	EA	30" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,717.09	1,228.92
		For Class 52 Rating, Deduct	*-864.06*	
		For Class 54 Rating, Add	*1,200.61*	
		For Class 55 Rating, Add	*1,796.38*	
		For Class 56 Rating, Add	*2,384.29*	
40 05 19 00-3480	EA	30" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,679.09	1,231.89
		For Class 52 Rating, Deduct	*-969.38*	
		For Class 54 Rating, Add	*1,344.29*	
		For Class 55 Rating, Add	*2,010.00*	
		For Class 56 Rating, Add	*2,666.91*	
40 05 19 00-3481	EA	30" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,641.09	1,234.88
		For Class 52 Rating, Deduct	*-1,074.71*	
		For Class 54 Rating, Add	*1,487.96*	
		For Class 55 Rating, Add	*2,223.63*	
		For Class 56 Rating, Add	*2,949.52*	
40 05 19 00-3482	EA	30" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,603.09	1,237.86
		For Class 52 Rating, Deduct	*-1,180.03*	
		For Class 54 Rating, Add	*1,631.64*	
		For Class 55 Rating, Add	*2,437.25*	
		For Class 56 Rating, Add	*3,232.14*	
40 05 19 00-3483	EA	30" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,565.09	1,240.86
		For Class 52 Rating, Deduct	*-1,285.35*	
		For Class 54 Rating, Add	*1,775.31*	
		For Class 55 Rating, Add	*2,650.88*	
		For Class 56 Rating, Add	*3,514.76*	
40 05 19 00-3484	EA	30" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,527.07	1,243.82
		For Class 52 Rating, Deduct	*-1,390.67*	
		For Class 54 Rating, Add	*1,918.99*	
		For Class 55 Rating, Add	*2,864.51*	
		For Class 56 Rating, Add	*3,797.38*	
40 05 19 00-3485	EA	30" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,489.07	1,246.81
		For Class 52 Rating, Deduct	*-1,496.00*	
		For Class 54 Rating, Add	*2,062.66*	
		For Class 55 Rating, Add	*3,078.13*	
		For Class 56 Rating, Add	*4,080.00*	
40 05 19 00-3486	EA	30" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,451.08	1,249.80
		For Class 52 Rating, Deduct	*-1,601.32*	
		For Class 54 Rating, Add	*2,206.34*	
		For Class 55 Rating, Add	*3,291.76*	
		For Class 56 Rating, Add	*4,362.62*	
40 05 19 00-3487	EA	30" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,413.08	1,252.77
		For Class 52 Rating, Deduct	*-1,706.64*	
		For Class 54 Rating, Add	*2,350.02*	
		For Class 55 Rating, Add	*3,505.38*	
		For Class 56 Rating, Add	*4,645.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3488	EA	30" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,375.07	1,255.76
		For Class 52 Rating, Deduct	*-1,811.97*	
		For Class 54 Rating, Add	*2,493.69*	
		For Class 55 Rating, Add	*3,719.01*	
		For Class 56 Rating, Add	*4,927.86*	
40 05 19 00-3489	EA	30" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,337.07	1,258.74
		For Class 52 Rating, Deduct	*-1,917.29*	
		For Class 54 Rating, Add	*2,637.37*	
		For Class 55 Rating, Add	*3,932.64*	
		For Class 56 Rating, Add	*5,210.48*	
40 05 19 00-3490	EA	30" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,299.06	1,261.73
		For Class 52 Rating, Deduct	*-2,022.61*	
		For Class 54 Rating, Add	*2,781.04*	
		For Class 55 Rating, Add	*4,146.26*	
		For Class 56 Rating, Add	*5,493.09*	
40 05 19 00-3491	EA	30" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,261.07	1,264.70
		For Class 52 Rating, Deduct	*-2,127.93*	
		For Class 54 Rating, Add	*2,924.72*	
		For Class 55 Rating, Add	*4,359.89*	
		For Class 56 Rating, Add	*5,775.71*	
40 05 19 00-3492	EA	30" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,223.06	1,267.69
		For Class 52 Rating, Deduct	*-2,233.26*	
		For Class 54 Rating, Add	*3,068.40*	
		For Class 55 Rating, Add	*4,573.52*	
		For Class 56 Rating, Add	*6,058.33*	
40 05 19 00-3493	EA	30" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,185.06	1,270.67
		For Class 52 Rating, Deduct	*-2,338.58*	
		For Class 54 Rating, Add	*3,212.07*	
		For Class 55 Rating, Add	*4,787.14*	
		For Class 56 Rating, Add	*6,340.95*	
40 05 19 00-3494	EA	30" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,147.06	1,273.65
		For Class 52 Rating, Deduct	*-2,443.90*	
		For Class 54 Rating, Add	*3,355.75*	
		For Class 55 Rating, Add	*5,000.77*	
		For Class 56 Rating, Add	*6,623.57*	
40 05 19 00-3495	EA	30" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,109.05	1,276.63
		For Class 52 Rating, Deduct	*-2,549.22*	
		For Class 54 Rating, Add	*3,499.43*	
		For Class 55 Rating, Add	*5,214.39*	
		For Class 56 Rating, Add	*6,906.19*	
40 05 19 00-3496	EA	30" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,071.06	1,279.62
		For Class 52 Rating, Deduct	*-2,654.55*	
		For Class 54 Rating, Add	*3,643.10*	
		For Class 55 Rating, Add	*5,428.02*	
		For Class 56 Rating, Add	*7,188.81*	
40 05 19 00-3497	EA	30" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,033.05	1,282.61
		For Class 52 Rating, Deduct	*-2,759.87*	
		For Class 54 Rating, Add	*3,786.78*	
		For Class 55 Rating, Add	*5,641.65*	
		For Class 56 Rating, Add	*7,471.42*	
40 05 19 00-3498	EA	30" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,995.05	1,285.59
		For Class 52 Rating, Deduct	*-2,865.19*	
		For Class 54 Rating, Add	*3,930.45*	
		For Class 55 Rating, Add	*5,855.27*	
		For Class 56 Rating, Add	*7,754.04*	
40 05 19 00-3499	EA	30" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,957.04	1,288.57
		For Class 52 Rating, Deduct	*-2,970.51*	
		For Class 54 Rating, Add	*4,074.13*	
		For Class 55 Rating, Add	*6,068.90*	
		For Class 56 Rating, Add	*8,036.66*	
40 05 19 00-3500	EA	30" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,919.05	1,291.56
		For Class 52 Rating, Deduct	*-3,075.84*	
		For Class 54 Rating, Add	*4,217.81*	
		For Class 55 Rating, Add	*6,282.53*	
		For Class 56 Rating, Add	*8,319.28*	
40 05 19 00-3501	EA	30" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,881.05	1,294.53
		For Class 52 Rating, Deduct	*-3,181.16*	
		For Class 54 Rating, Add	*4,361.48*	
		For Class 55 Rating, Add	*6,496.15*	
		For Class 56 Rating, Add	*8,601.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3502	EA	30" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,843.05	1,297.52
		For Class 52 Rating, Deduct	*-3,286.48*	
		For Class 54 Rating, Add	*4,505.16*	
		For Class 55 Rating, Add	*6,709.78*	
		For Class 56 Rating, Add	*8,884.52*	
40 05 19 00-3503	EA	30" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,805.03	1,300.50
		For Class 52 Rating, Deduct	*-3,391.80*	
		For Class 54 Rating, Add	*4,648.83*	
		For Class 55 Rating, Add	*6,923.40*	
		For Class 56 Rating, Add	*9,167.14*	
40 05 19 00-3504	EA	30" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,767.03	1,303.49
		For Class 52 Rating, Deduct	*-3,497.13*	
		For Class 54 Rating, Add	*4,792.51*	
		For Class 55 Rating, Add	*7,137.03*	
		For Class 56 Rating, Add	*9,449.76*	
40 05 19 00-3505	EA	30" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,729.04	1,306.46
		For Class 52 Rating, Deduct	*-3,602.45*	
		For Class 54 Rating, Add	*4,936.19*	
		For Class 55 Rating, Add	*7,350.66*	
		For Class 56 Rating, Add	*9,732.38*	
40 05 19 00-3506	EA	30" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,691.03	1,309.45
		For Class 52 Rating, Deduct	*-3,707.77*	
		For Class 54 Rating, Add	*5,079.86*	
		For Class 55 Rating, Add	*7,564.28*	
		For Class 56 Rating, Add	*10,015.00*	
40 05 19 00-3507	EA	30" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,653.03	1,312.43
		For Class 52 Rating, Deduct	*-3,813.10*	
		For Class 54 Rating, Add	*5,223.54*	
		For Class 55 Rating, Add	*7,777.91*	
		For Class 56 Rating, Add	*10,297.61*	
40 05 19 00-3508	EA	30" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,615.03	1,315.43
		For Class 52 Rating, Deduct	*-3,918.42*	
		For Class 54 Rating, Add	*5,367.21*	
		For Class 55 Rating, Add	*7,991.53*	
		For Class 56 Rating, Add	*10,580.23*	
40 05 19 00-3509	EA	30" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	38,577.02	1,318.39
		For Class 52 Rating, Deduct	*-4,023.74*	
		For Class 54 Rating, Add	*5,510.89*	
		For Class 55 Rating, Add	*8,205.16*	
		For Class 56 Rating, Add	*10,862.85*	
40 05 19 00-3510	EA	30" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,539.02	1,321.38
		For Class 52 Rating, Deduct	*-4,129.06*	
		For Class 54 Rating, Add	*5,654.56*	
		For Class 55 Rating, Add	*8,418.79*	
		For Class 56 Rating, Add	*11,145.47*	
40 05 19 00-3511	EA	30" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,501.02	1,324.37
		For Class 52 Rating, Deduct	*-4,234.39*	
		For Class 54 Rating, Add	*5,798.24*	
		For Class 55 Rating, Add	*8,632.41*	
		For Class 56 Rating, Add	*11,428.09*	
40 05 19 00-3512	EA	30" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	41,463.02	1,327.34
		For Class 52 Rating, Deduct	*-4,339.71*	
		For Class 54 Rating, Add	*5,941.92*	
		For Class 55 Rating, Add	*8,846.04*	
		For Class 56 Rating, Add	*11,710.71*	
40 05 19 00-3513	EA	30" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	42,425.02	1,330.33
		For Class 52 Rating, Deduct	*-4,445.03*	
		For Class 54 Rating, Add	*6,085.59*	
		For Class 55 Rating, Add	*9,059.67*	
		For Class 56 Rating, Add	*11,993.33*	
40 05 19 00-3514		36" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*		
40 05 19 00-3515	EA	36" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,141.78	1,557.02
		For Class 52 Rating, Deduct	*-1,076.09*	
		For Class 54 Rating, Add	*1,495.71*	
		For Class 55 Rating, Add	*2,238.15*	
		For Class 56 Rating, Add	*2,970.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3516	EA	36" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,431.34	1,560.01
		For Class 52 Rating, Deduct	*-1,217.45*	
		For Class 54 Rating, Add	*1,688.52*	
		For Class 55 Rating, Add	*2,524.82*	
		For Class 56 Rating, Add	*3,350.06*	
40 05 19 00-3517	EA	36" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,720.89	1,562.98
		For Class 52 Rating, Deduct	*-1,358.80*	
		For Class 54 Rating, Add	*1,881.33*	
		For Class 55 Rating, Add	*2,811.49*	
		For Class 56 Rating, Add	*3,729.31*	
40 05 19 00-3518	EA	36" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,010.45	1,565.97
		For Class 52 Rating, Deduct	*-1,500.15*	
		For Class 54 Rating, Add	*2,074.14*	
		For Class 55 Rating, Add	*3,098.17*	
		For Class 56 Rating, Add	*4,108.56*	
40 05 19 00-3519	EA	36" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,300.00	1,568.95
		For Class 52 Rating, Deduct	*-1,641.51*	
		For Class 54 Rating, Add	*2,266.95*	
		For Class 55 Rating, Add	*3,384.84*	
		For Class 56 Rating, Add	*4,487.81*	
40 05 19 00-3520	EA	36" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,589.56	1,571.93
		For Class 52 Rating, Deduct	*-1,782.86*	
		For Class 54 Rating, Add	*2,459.76*	
		For Class 55 Rating, Add	*3,671.51*	
		For Class 56 Rating, Add	*4,867.05*	
40 05 19 00-3521	EA	36" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,879.12	1,574.91
		For Class 52 Rating, Deduct	*-1,924.22*	
		For Class 54 Rating, Add	*2,652.57*	
		For Class 55 Rating, Add	*3,958.18*	
		For Class 56 Rating, Add	*5,246.30*	
40 05 19 00-3522	EA	36" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,168.68	1,577.91
		For Class 52 Rating, Deduct	*-2,065.57*	
		For Class 54 Rating, Add	*2,845.38*	
		For Class 55 Rating, Add	*4,244.85*	
		For Class 56 Rating, Add	*5,625.55*	
40 05 19 00-3523	EA	36" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,458.23	1,580.89
		For Class 52 Rating, Deduct	*-2,206.92*	
		For Class 54 Rating, Add	*3,038.19*	
		For Class 55 Rating, Add	*4,531.52*	
		For Class 56 Rating, Add	*6,004.80*	
40 05 19 00-3524	EA	36" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,747.78	1,583.87
		For Class 52 Rating, Deduct	*-2,348.28*	
		For Class 54 Rating, Add	*3,231.00*	
		For Class 55 Rating, Add	*4,818.20*	
		For Class 56 Rating, Add	*6,384.05*	
40 05 19 00-3525	EA	36" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,037.34	1,586.85
		For Class 52 Rating, Deduct	*-2,489.63*	
		For Class 54 Rating, Add	*3,423.81*	
		For Class 55 Rating, Add	*5,104.87*	
		For Class 56 Rating, Add	*6,763.30*	
40 05 19 00-3526	EA	36" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,326.90	1,589.84
		For Class 52 Rating, Deduct	*-2,630.99*	
		For Class 54 Rating, Add	*3,616.62*	
		For Class 55 Rating, Add	*5,391.54*	
		For Class 56 Rating, Add	*7,142.55*	
40 05 19 00-3527	EA	36" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,616.46	1,592.81
		For Class 52 Rating, Deduct	*-2,772.34*	
		For Class 54 Rating, Add	*3,809.43*	
		For Class 55 Rating, Add	*5,678.21*	
		For Class 56 Rating, Add	*7,521.80*	
40 05 19 00-3528	EA	36" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,906.01	1,595.80
		For Class 52 Rating, Deduct	*-2,913.70*	
		For Class 54 Rating, Add	*4,002.24*	
		For Class 55 Rating, Add	*5,964.88*	
		For Class 56 Rating, Add	*7,901.04*	
40 05 19 00-3529	EA	36" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,195.56	1,598.78
		For Class 52 Rating, Deduct	*-3,055.05*	
		For Class 54 Rating, Add	*4,195.04*	
		For Class 55 Rating, Add	*6,251.55*	
		For Class 56 Rating, Add	*8,280.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3530	EA	36" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,485.13	1,601.77
		For Class 52 Rating, Deduct	*-3,196.40*	
		For Class 54 Rating, Add	*4,387.85*	
		For Class 55 Rating, Add	*6,538.23*	
		For Class 56 Rating, Add	*8,659.54*	
40 05 19 00-3531	EA	36" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,774.69	1,604.74
		For Class 52 Rating, Deduct	*-3,337.76*	
		For Class 54 Rating, Add	*4,580.66*	
		For Class 55 Rating, Add	*6,824.90*	
		For Class 56 Rating, Add	*9,038.79*	
40 05 19 00-3532	EA	36" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,064.23	1,607.72
		For Class 52 Rating, Deduct	*-3,479.11*	
		For Class 54 Rating, Add	*4,773.47*	
		For Class 55 Rating, Add	*7,111.57*	
		For Class 56 Rating, Add	*9,418.04*	
40 05 19 00-3533	EA	36" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,353.79	1,610.71
		For Class 52 Rating, Deduct	*-3,620.47*	
		For Class 54 Rating, Add	*4,966.28*	
		For Class 55 Rating, Add	*7,398.24*	
		For Class 56 Rating, Add	*9,797.29*	
40 05 19 00-3534	EA	36" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,643.35	1,613.71
		For Class 52 Rating, Deduct	*-3,761.82*	
		For Class 54 Rating, Add	*5,159.09*	
		For Class 55 Rating, Add	*7,684.91*	
		For Class 56 Rating, Add	*10,176.54*	
40 05 19 00-3535	EA	36" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,932.90	1,616.67
		For Class 52 Rating, Deduct	*-3,903.17*	
		For Class 54 Rating, Add	*5,351.90*	
		For Class 55 Rating, Add	*7,971.58*	
		For Class 56 Rating, Add	*10,555.78*	
40 05 19 00-3536	EA	36" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,222.46	1,619.66
		For Class 52 Rating, Deduct	*-4,044.53*	
		For Class 54 Rating, Add	*5,544.71*	
		For Class 55 Rating, Add	*8,258.26*	
		For Class 56 Rating, Add	*10,935.03*	
40 05 19 00-3537	EA	36" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,512.02	1,622.65
		For Class 52 Rating, Deduct	*-4,185.88*	
		For Class 54 Rating, Add	*5,737.52*	
		For Class 55 Rating, Add	*8,544.93*	
		For Class 56 Rating, Add	*11,314.28*	
40 05 19 00-3538	EA	36" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	41,801.57	1,625.62
		For Class 52 Rating, Deduct	*-4,327.24*	
		For Class 54 Rating, Add	*5,930.33*	
		For Class 55 Rating, Add	*8,831.60*	
		For Class 56 Rating, Add	*11,693.53*	
40 05 19 00-3539	EA	36" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	43,091.12	1,628.61
		For Class 52 Rating, Deduct	*-4,468.59*	
		For Class 54 Rating, Add	*6,123.14*	
		For Class 55 Rating, Add	*9,118.27*	
		For Class 56 Rating, Add	*12,072.78*	
40 05 19 00-3540	EA	36" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	44,380.69	1,631.59
		For Class 52 Rating, Deduct	*-4,609.94*	
		For Class 54 Rating, Add	*6,315.95*	
		For Class 55 Rating, Add	*9,404.94*	
		For Class 56 Rating, Add	*12,452.03*	
40 05 19 00-3541	EA	36" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	45,670.24	1,634.58
		For Class 52 Rating, Deduct	*-4,751.30*	
		For Class 54 Rating, Add	*6,508.76*	
		For Class 55 Rating, Add	*9,691.61*	
		For Class 56 Rating, Add	*12,831.27*	
40 05 19 00-3542	EA	36" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	46,959.80	1,637.55
		For Class 52 Rating, Deduct	*-4,892.65*	
		For Class 54 Rating, Add	*6,701.57*	
		For Class 55 Rating, Add	*9,978.29*	
		For Class 56 Rating, Add	*13,210.52*	
40 05 19 00-3543	EA	36" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	48,249.35	1,640.54
		For Class 52 Rating, Deduct	*-5,034.01*	
		For Class 54 Rating, Add	*6,894.38*	
		For Class 55 Rating, Add	*10,264.96*	
		For Class 56 Rating, Add	*13,589.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3544	EA	36" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	49,538.91	1,643.52
		For Class 52 Rating, Deduct	*-5,175.36*	
		For Class 54 Rating, Add	*7,087.19*	
		For Class 55 Rating, Add	*10,551.63*	
		For Class 56 Rating, Add	*13,969.02*	
40 05 19 00-3545	EA	36" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	50,828.47	1,646.50
		For Class 52 Rating, Deduct	*-5,316.71*	
		For Class 54 Rating, Add	*7,280.00*	
		For Class 55 Rating, Add	*10,838.30*	
		For Class 56 Rating, Add	*14,348.27*	
40 05 19 00-3546	EA	36" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	52,118.02	1,649.48
		For Class 52 Rating, Deduct	*-5,458.07*	
		For Class 54 Rating, Add	*7,472.81*	
		For Class 55 Rating, Add	*11,124.97*	
		For Class 56 Rating, Add	*14,727.52*	
40 05 19 00-3547	EA	36" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	53,407.58	1,652.48
		For Class 52 Rating, Deduct	*-5,599.42*	
		For Class 54 Rating, Add	*7,665.62*	
		For Class 55 Rating, Add	*11,411.65*	
		For Class 56 Rating, Add	*15,106.77*	
40 05 19 00-3548	EA	36" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	54,697.13	1,655.46
		For Class 52 Rating, Deduct	*-5,740.78*	
		For Class 54 Rating, Add	*7,858.43*	
		For Class 55 Rating, Add	*11,698.32*	
		For Class 56 Rating, Add	*15,486.01*	
40 05 19 00-3549	EA	36" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	55,986.70	1,658.44
		For Class 52 Rating, Deduct	*-5,882.13*	
		For Class 54 Rating, Add	*8,051.24*	
		For Class 55 Rating, Add	*11,984.99*	
		For Class 56 Rating, Add	*15,865.26*	

40 05 19 00-3550 42" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*

40 05 19 00-3551	EA	42" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,088.69	1,962.69
		For Class 52 Rating, Deduct	*-1,442.64*	
		For Class 54 Rating, Add	*2,002.92*	
		For Class 55 Rating, Add	*2,996.00*	
		For Class 56 Rating, Add	*3,975.96*	
40 05 19 00-3552	EA	42" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,989.27	1,965.66
		For Class 52 Rating, Deduct	*-1,651.21*	
		For Class 54 Rating, Add	*2,287.39*	
		For Class 55 Rating, Add	*3,418.93*	
		For Class 56 Rating, Add	*4,535.46*	
40 05 19 00-3553	EA	42" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,874.10	1,968.64
		For Class 52 Rating, Deduct	*-1,858.04*	
		For Class 54 Rating, Add	*2,569.49*	
		For Class 55 Rating, Add	*3,838.35*	
		For Class 56 Rating, Add	*5,090.31*	
40 05 19 00-3554	EA	42" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,777.83	1,971.63
		For Class 52 Rating, Deduct	*-2,066.96*	
		For Class 54 Rating, Add	*2,854.42*	
		For Class 55 Rating, Add	*4,261.98*	
		For Class 56 Rating, Add	*5,650.74*	
40 05 19 00-3555	EA	42" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,668.96	1,974.62
		For Class 52 Rating, Deduct	*-2,274.48*	
		For Class 54 Rating, Add	*3,137.47*	
		For Class 55 Rating, Add	*4,682.80*	
		For Class 56 Rating, Add	*6,207.46*	
40 05 19 00-3556	EA	42" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,578.98	1,977.59
		For Class 52 Rating, Deduct	*-2,484.09*	
		For Class 54 Rating, Add	*3,423.35*	
		For Class 55 Rating, Add	*5,107.84*	
		For Class 56 Rating, Add	*6,769.74*	
40 05 19 00-3557	EA	42" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,470.11	1,980.57
		For Class 52 Rating, Deduct	*-2,691.62*	
		For Class 54 Rating, Add	*3,706.40*	
		For Class 55 Rating, Add	*5,528.66*	
		For Class 56 Rating, Add	*7,326.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3558	EA	42" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,383.30	1,983.56
		For Class 52 Rating, Deduct	*-2,901.57*	
		For Class 54 Rating, Add	*3,992.75*	
		For Class 55 Rating, Add	*5,954.40*	
		For Class 56 Rating, Add	*7,889.67*	
40 05 19 00-3559	EA	42" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,277.58	1,986.55
		For Class 52 Rating, Deduct	*-3,109.44*	
		For Class 54 Rating, Add	*4,276.27*	
		For Class 55 Rating, Add	*6,375.93*	
		For Class 56 Rating, Add	*8,447.32*	
40 05 19 00-3560	EA	42" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,193.90	1,989.53
		For Class 52 Rating, Deduct	*-3,319.74*	
		For Class 54 Rating, Add	*4,563.09*	
		For Class 55 Rating, Add	*6,802.37*	
		For Class 56 Rating, Add	*9,011.46*	
40 05 19 00-3561	EA	42" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,088.18	1,992.51
		For Class 52 Rating, Deduct	*-3,527.62*	
		For Class 54 Rating, Add	*4,846.61*	
		For Class 55 Rating, Add	*7,223.89*	
		For Class 56 Rating, Add	*9,569.11*	
40 05 19 00-3562	EA	42" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,004.50	1,995.50
		For Class 52 Rating, Deduct	*-3,737.91*	
		For Class 54 Rating, Add	*5,133.44*	
		For Class 55 Rating, Add	*7,650.33*	
		For Class 56 Rating, Add	*10,133.25*	
40 05 19 00-3563	EA	42" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	38,901.94	1,998.47
		For Class 52 Rating, Deduct	*-3,946.13*	
		For Class 54 Rating, Add	*5,417.43*	
		For Class 55 Rating, Add	*8,072.56*	
		For Class 56 Rating, Add	*10,691.82*	
40 05 19 00-3564	EA	42" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,802.51	2,001.46
		For Class 52 Rating, Deduct	*-4,154.70*	
		For Class 54 Rating, Add	*5,701.89*	
		For Class 55 Rating, Add	*8,495.49*	
		For Class 56 Rating, Add	*11,251.32*	
40 05 19 00-3565	EA	42" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	42,715.69	2,004.44
		For Class 52 Rating, Deduct	*-4,364.65*	
		For Class 54 Rating, Add	*5,988.24*	
		For Class 55 Rating, Add	*8,921.23*	
		For Class 56 Rating, Add	*11,814.54*	
40 05 19 00-3566	EA	42" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	44,613.12	2,007.43
		For Class 52 Rating, Deduct	*-4,572.87*	
		For Class 54 Rating, Add	*6,272.23*	
		For Class 55 Rating, Add	*9,343.46*	
		For Class 56 Rating, Add	*12,373.11*	
40 05 19 00-3567	EA	42" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	46,532.60	2,010.40
		For Class 52 Rating, Deduct	*-4,783.52*	
		For Class 54 Rating, Add	*6,559.53*	
		For Class 55 Rating, Add	*9,770.60*	
		For Class 56 Rating, Add	*12,938.18*	
40 05 19 00-3568	EA	42" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	48,433.18	2,013.39
		For Class 52 Rating, Deduct	*-4,992.08*	
		For Class 54 Rating, Add	*6,844.00*	
		For Class 55 Rating, Add	*10,193.53*	
		For Class 56 Rating, Add	*13,497.69*	
40 05 19 00-3569	EA	42" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	50,349.50	2,016.37
		For Class 52 Rating, Deduct	*-5,202.38*	
		For Class 54 Rating, Add	*7,130.82*	
		For Class 55 Rating, Add	*10,619.97*	
		For Class 56 Rating, Add	*14,061.83*	
40 05 19 00-3570	EA	42" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	52,250.08	2,019.35
		For Class 52 Rating, Deduct	*-5,410.95*	
		For Class 54 Rating, Add	*7,415.28*	
		For Class 55 Rating, Add	*11,042.90*	
		For Class 56 Rating, Add	*14,621.33*	
40 05 19 00-3571	EA	42" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	54,169.55	2,022.33
		For Class 52 Rating, Deduct	*-5,621.60*	
		For Class 54 Rating, Add	*7,702.58*	
		For Class 55 Rating, Add	*11,470.05*	
		For Class 56 Rating, Add	*15,186.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3572	EA	42" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	56,070.14	2,025.33
		For Class 52 Rating, Deduct	*-5,830.16*	
		For Class 54 Rating, Add	*7,987.04*	
		For Class 55 Rating, Add	*11,892.98*	
		For Class 56 Rating, Add	*15,745.91*	
40 05 19 00-3573	EA	42" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	57,989.62	2,028.31
		For Class 52 Rating, Deduct	*-6,040.81*	
		For Class 54 Rating, Add	*8,274.34*	
		For Class 55 Rating, Add	*12,320.12*	
		For Class 56 Rating, Add	*16,310.98*	
40 05 19 00-3574	EA	42" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	59,887.05	2,031.29
		For Class 52 Rating, Deduct	*-6,249.03*	
		For Class 54 Rating, Add	*8,558.33*	
		For Class 55 Rating, Add	*12,742.35*	
		For Class 56 Rating, Add	*16,869.55*	
40 05 19 00-3575	EA	42" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	61,809.66	2,034.27
		For Class 52 Rating, Deduct	*-6,460.02*	
		For Class 54 Rating, Add	*8,846.10*	
		For Class 55 Rating, Add	*13,170.19*	
		For Class 56 Rating, Add	*17,435.55*	
40 05 19 00-3576	EA	42" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	63,710.24	2,037.26
		For Class 52 Rating, Deduct	*-6,668.59*	
		For Class 54 Rating, Add	*9,130.57*	
		For Class 55 Rating, Add	*13,593.12*	
		For Class 56 Rating, Add	*17,995.06*	
40 05 19 00-3577	EA	42" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	65,626.58	2,040.23
		For Class 52 Rating, Deduct	*-6,878.88*	
		For Class 54 Rating, Add	*9,417.39*	
		For Class 55 Rating, Add	*14,019.56*	
		For Class 56 Rating, Add	*18,559.20*	
40 05 19 00-3578	EA	42" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	67,530.31	2,043.21
		For Class 52 Rating, Deduct	*-7,087.80*	
		For Class 54 Rating, Add	*9,702.33*	
		For Class 55 Rating, Add	*14,443.20*	
		For Class 56 Rating, Add	*19,119.63*	
40 05 19 00-3579	EA	42" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	69,059.22	2,046.20
		For Class 52 Rating, Deduct	*-7,255.48*	
		For Class 54 Rating, Add	*9,931.04*	
		For Class 55 Rating, Add	*14,783.25*	
		For Class 56 Rating, Add	*19,569.49*	
40 05 19 00-3580	EA	42" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	71,350.35	2,049.19
		For Class 52 Rating, Deduct	*-7,507.01*	
		For Class 54 Rating, Add	*10,274.09*	
		For Class 55 Rating, Add	*15,293.27*	
		For Class 56 Rating, Add	*20,244.20*	
40 05 19 00-3581	EA	42" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	73,247.78	2,052.16
		For Class 52 Rating, Deduct	*-7,715.23*	
		For Class 54 Rating, Add	*10,558.08*	
		For Class 55 Rating, Add	*15,715.50*	
		For Class 56 Rating, Add	*20,802.78*	
40 05 19 00-3582	EA	42" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	75,167.26	2,055.14
		For Class 52 Rating, Deduct	*-7,925.87*	
		For Class 54 Rating, Add	*10,845.38*	
		For Class 55 Rating, Add	*16,142.64*	
		For Class 56 Rating, Add	*21,367.85*	
40 05 19 00-3583	EA	42" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	77,067.84	2,058.13
		For Class 52 Rating, Deduct	*-8,134.44*	
		For Class 54 Rating, Add	*11,129.84*	
		For Class 55 Rating, Add	*16,565.57*	
		For Class 56 Rating, Add	*21,927.35*	
40 05 19 00-3584	EA	42" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	78,990.46	2,061.12
		For Class 52 Rating, Deduct	*-8,345.43*	
		For Class 54 Rating, Add	*11,417.61*	
		For Class 55 Rating, Add	*16,993.42*	
		For Class 56 Rating, Add	*22,493.35*	
40 05 19 00-3585	EA	42" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	80,887.89	2,064.10
		For Class 52 Rating, Deduct	*-8,553.65*	
		For Class 54 Rating, Add	*11,701.60*	
		For Class 55 Rating, Add	*17,415.64*	
		For Class 56 Rating, Add	*23,051.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3586		48" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*		
40 05 19 00-3587	EA	48" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,792.62	2,466.77
		For Class 52 Rating, Deduct	*-1,876.06*	
		For Class 54 Rating, Add	*2,603.11*	
		For Class 55 Rating, Add	*3,892.98*	
		For Class 56 Rating, Add	*5,165.80*	
40 05 19 00-3588	EA	48" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,524.70	2,469.75
		For Class 52 Rating, Deduct	*-2,176.09*	
		For Class 54 Rating, Add	*3,012.30*	
		For Class 55 Rating, Add	*4,501.34*	
		For Class 56 Rating, Add	*5,970.59*	
40 05 19 00-3589	EA	48" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,266.21	2,472.75
		For Class 52 Rating, Deduct	*-2,477.16*	
		For Class 54 Rating, Add	*3,422.90*	
		For Class 55 Rating, Add	*5,111.80*	
		For Class 56 Rating, Add	*6,778.17*	
40 05 19 00-3590	EA	48" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,036.08	2,475.73
		For Class 52 Rating, Deduct	*-2,781.35*	
		For Class 54 Rating, Add	*3,837.76*	
		For Class 55 Rating, Add	*5,728.58*	
		For Class 56 Rating, Add	*7,594.11*	
40 05 19 00-3591	EA	48" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,799.66	2,478.70
		For Class 52 Rating, Deduct	*-3,084.84*	
		For Class 54 Rating, Add	*4,251.67*	
		For Class 55 Rating, Add	*6,343.96*	
		For Class 56 Rating, Add	*8,408.19*	
40 05 19 00-3592	EA	48" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,566.37	2,481.69
		For Class 52 Rating, Deduct	*-3,388.69*	
		For Class 54 Rating, Add	*4,666.06*	
		For Class 55 Rating, Add	*6,960.03*	
		For Class 56 Rating, Add	*9,223.21*	
40 05 19 00-3593	EA	48" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,351.98	2,484.67
		For Class 52 Rating, Deduct	*-3,694.61*	
		For Class 54 Rating, Add	*5,083.28*	
		For Class 55 Rating, Add	*7,580.33*	
		For Class 56 Rating, Add	*10,043.79*	
40 05 19 00-3594	EA	48" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,131.30	2,487.65
		For Class 52 Rating, Deduct	*-3,999.83*	
		For Class 54 Rating, Add	*5,499.55*	
		For Class 55 Rating, Add	*8,199.22*	
		For Class 56 Rating, Add	*10,862.52*	
40 05 19 00-3595	EA	48" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	42,904.33	2,490.63
		For Class 52 Rating, Deduct	*-4,304.37*	
		For Class 54 Rating, Add	*5,914.88*	
		For Class 55 Rating, Add	*8,816.70*	
		For Class 56 Rating, Add	*11,679.39*	
40 05 19 00-3596	EA	48" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	45,702.54	2,493.62
		For Class 52 Rating, Deduct	*-4,611.68*	
		For Class 54 Rating, Add	*6,333.99*	
		For Class 55 Rating, Add	*9,439.80*	
		For Class 56 Rating, Add	*12,503.69*	
40 05 19 00-3597	EA	48" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	48,488.15	2,496.60
		For Class 52 Rating, Deduct	*-4,917.60*	
		For Class 54 Rating, Add	*6,751.21*	
		For Class 55 Rating, Add	*10,060.09*	
		For Class 56 Rating, Add	*13,324.28*	
40 05 19 00-3598	EA	48" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	51,289.52	2,499.58
		For Class 52 Rating, Deduct	*-5,225.25*	
		For Class 54 Rating, Add	*7,170.79*	
		For Class 55 Rating, Add	*10,683.90*	
		For Class 56 Rating, Add	*14,149.51*	
40 05 19 00-3599	EA	48" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	54,071.98	2,502.56
		For Class 52 Rating, Deduct	*-5,530.82*	
		For Class 54 Rating, Add	*7,587.53*	
		For Class 55 Rating, Add	*11,303.49*	
		For Class 56 Rating, Add	*14,969.17*	
40 05 19 00-3600	EA	48" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	56,860.75	2,505.55
		For Class 52 Rating, Deduct	*-5,837.09*	
		For Class 54 Rating, Add	*8,005.22*	
		For Class 55 Rating, Add	*11,924.49*	
		For Class 56 Rating, Add	*15,790.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3601	EA	48" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	59,665.27	2,508.54
		For Class 52 Rating, Deduct	*-6,145.09*	
		For Class 54 Rating, Add	*8,425.28*	
		For Class 55 Rating, Add	*12,548.99*	
		For Class 56 Rating, Add	*16,616.84*	
40 05 19 00-3602	EA	48" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	62,454.03	2,511.52
		For Class 52 Rating, Deduct	*-6,451.36*	
		For Class 54 Rating, Add	*8,842.97*	
		For Class 55 Rating, Add	*13,169.99*	
		For Class 56 Rating, Add	*17,438.36*	
40 05 19 00-3603	EA	48" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	65,242.80	2,514.50
		For Class 52 Rating, Deduct	*-6,757.62*	
		For Class 54 Rating, Add	*9,260.66*	
		For Class 55 Rating, Add	*13,790.98*	
		For Class 56 Rating, Add	*18,259.87*	
40 05 19 00-3604	EA	48" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	68,050.45	2,517.49
		For Class 52 Rating, Deduct	*-7,065.97*	
		For Class 54 Rating, Add	*9,681.19*	
		For Class 55 Rating, Add	*14,416.19*	
		For Class 56 Rating, Add	*19,086.96*	
40 05 19 00-3605	EA	48" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	70,842.38	2,520.46
		For Class 52 Rating, Deduct	*-7,372.58*	
		For Class 54 Rating, Add	*10,099.35*	
		For Class 55 Rating, Add	*15,037.89*	
		For Class 56 Rating, Add	*19,909.41*	
40 05 19 00-3606	EA	48" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	73,631.14	2,523.45
		For Class 52 Rating, Deduct	*-7,678.85*	
		For Class 54 Rating, Add	*10,517.04*	
		For Class 55 Rating, Add	*15,658.89*	
		For Class 56 Rating, Add	*20,730.92*	
40 05 19 00-3607	EA	48" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	76,445.10	2,526.43
		For Class 52 Rating, Deduct	*-7,987.89*	
		For Class 54 Rating, Add	*10,938.51*	
		For Class 55 Rating, Add	*16,285.50*	
		For Class 56 Rating, Add	*21,559.87*	
40 05 19 00-3608	EA	48" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	79,240.16	2,529.42
		For Class 52 Rating, Deduct	*-8,294.85*	
		For Class 54 Rating, Add	*11,357.15*	
		For Class 55 Rating, Add	*16,907.90*	
		For Class 56 Rating, Add	*22,383.25*	
40 05 19 00-3609	EA	48" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	82,032.08	2,532.39
		For Class 52 Rating, Deduct	*-8,601.46*	
		For Class 54 Rating, Add	*11,775.31*	
		For Class 55 Rating, Add	*17,529.60*	
		For Class 56 Rating, Add	*23,205.69*	
40 05 19 00-3610	EA	48" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	84,842.90	2,535.38
		For Class 52 Rating, Deduct	*-8,910.16*	
		For Class 54 Rating, Add	*12,196.31*	
		For Class 55 Rating, Add	*18,155.51*	
		For Class 56 Rating, Add	*24,033.71*	
40 05 19 00-3611	EA	48" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	87,637.96	2,538.36
		For Class 52 Rating, Deduct	*-9,217.12*	
		For Class 54 Rating, Add	*12,614.95*	
		For Class 55 Rating, Add	*18,777.91*	
		For Class 56 Rating, Add	*24,857.08*	
40 05 19 00-3612	EA	48" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	90,429.87	2,541.34
		For Class 52 Rating, Deduct	*-9,523.73*	
		For Class 54 Rating, Add	*13,033.11*	
		For Class 55 Rating, Add	*19,399.61*	
		For Class 56 Rating, Add	*25,679.53*	
40 05 19 00-3613	EA	48" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	93,243.84	2,544.32
		For Class 52 Rating, Deduct	*-9,832.77*	
		For Class 54 Rating, Add	*13,454.58*	
		For Class 55 Rating, Add	*20,026.22*	
		For Class 56 Rating, Add	*26,508.48*	
40 05 19 00-3614	EA	48" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	96,038.91	2,547.32
		For Class 52 Rating, Deduct	*-10,139.73*	
		For Class 54 Rating, Add	*13,873.22*	
		For Class 55 Rating, Add	*20,648.62*	
		For Class 56 Rating, Add	*27,331.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3615	EA	48" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	98,503.26	2,550.30
		For Class 52 Rating, Deduct	*-10,410.31*	
		For Class 54 Rating, Add	*14,242.25*	
		For Class 55 Rating, Add	*21,197.28*	
		For Class 56 Rating, Add	*28,057.66*	
40 05 19 00-3616	EA	48" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	101,651.08	2,553.27
		For Class 52 Rating, Deduct	*-10,756.07*	
		For Class 54 Rating, Add	*14,713.80*	
		For Class 55 Rating, Add	*21,898.34*	
		For Class 56 Rating, Add	*28,985.10*	
40 05 19 00-3617	EA	48" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	104,443.00	2,556.26
		For Class 52 Rating, Deduct	*-11,062.69*	
		For Class 54 Rating, Add	*15,131.96*	
		For Class 55 Rating, Add	*22,520.04*	
		For Class 56 Rating, Add	*29,807.55*	
40 05 19 00-3618	EA	48" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	107,263.25	2,559.24
		For Class 52 Rating, Deduct	*-11,372.42*	
		For Class 54 Rating, Add	*15,554.37*	
		For Class 55 Rating, Add	*23,148.06*	
		For Class 56 Rating, Add	*30,638.35*	
40 05 19 00-3619	EA	48" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	110,055.18	2,562.22
		For Class 52 Rating, Deduct	*-11,679.03*	
		For Class 54 Rating, Add	*15,972.54*	
		For Class 55 Rating, Add	*23,769.76*	
		For Class 56 Rating, Add	*31,460.80*	
40 05 19 00-3620	EA	48" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	112,847.09	2,565.20
		For Class 52 Rating, Deduct	*-11,985.65*	
		For Class 54 Rating, Add	*16,390.70*	
		For Class 55 Rating, Add	*24,391.45*	
		For Class 56 Rating, Add	*32,283.24*	
40 05 19 00-3621	EA	48" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	115,667.35	2,568.19
		For Class 52 Rating, Deduct	*-12,295.38*	
		For Class 54 Rating, Add	*16,813.12*	
		For Class 55 Rating, Add	*25,019.47*	
		For Class 56 Rating, Add	*33,114.05*	

40 05 19 00-3622 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbows *(40 05 19 00-2073)*

40 05 19 00-3623	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	817.66	143.91
40 05 19 00-3624	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,197.57	184.03
40 05 19 00-3625	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,709.90	208.45
40 05 19 00-3626	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	2,442.79	264.27
40 05 19 00-3627	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	3,044.03	293.05
40 05 19 00-3628	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	3,734.04	318.34
40 05 19 00-3629	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	4,585.38	392.48
40 05 19 00-3630	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	5,752.39	470.96
40 05 19 00-3631	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	7,030.82	593.07
40 05 19 00-3632	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	10,463.60	671.57
40 05 19 00-3633	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	16,240.90	889.61
40 05 19 00-3634	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	24,088.36	1,007.35
40 05 19 00-3635	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	41,119.19	1,151.26
40 05 19 00-3636	EA	48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	54,398.16	1,412.90

40 05 19 00-3637 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbows *(40 05 19 00-2073)*

40 05 19 00-3638	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	779.03	143.91
40 05 19 00-3639	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,133.75	184.03
40 05 19 00-3640	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,552.02	208.45
40 05 19 00-3641	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	2,217.73	264.27
40 05 19 00-3642	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	2,753.46	293.05
40 05 19 00-3643	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	3,208.32	318.34
40 05 19 00-3644	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	3,943.77	392.48
40 05 19 00-3645	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	5,020.08	470.96
40 05 19 00-3646	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	6,313.63	593.07
40 05 19 00-3647	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	8,291.88	671.57
40 05 19 00-3648	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	15,856.27	889.61
40 05 19 00-3649	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	23,574.40	1,007.35
40 05 19 00-3650	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	35,647.06	1,151.26
40 05 19 00-3651	EA	48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	48,205.48	1,412.90

40 05 19 00-3652 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbows *(40 05 19 00-2073)*

40 05 19 00-3653	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	777.35	143.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3654	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,111.91	184.03
40 05 19 00-3655	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,538.58	208.45
40 05 19 00-3656	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	2,165.66	264.27
40 05 19 00-3657	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	2,869.35	293.05
40 05 19 00-3658	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	3,562.72	318.34
40 05 19 00-3659	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	4,024.39	392.48
40 05 19 00-3660	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	5,117.50	470.96
40 05 19 00-3661	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	6,731.85	593.07
40 05 19 00-3662	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	9,257.65	671.57
40 05 19 00-3663	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	16,027.59	889.61
40 05 19 00-3664	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	23,965.75	1,007.35
40 05 19 00-3665	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	36,428.07	1,151.26
40 05 19 00-3666	EA	48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	49,226.68	1,412.90
40 05 19 00-3667		**Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbows** *(40 05 19 00-2073)*		
40 05 19 00-3668	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	842.85	143.91
40 05 19 00-3669	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,234.52	184.03
40 05 19 00-3670	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,588.97	208.45
40 05 19 00-3671	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	2,345.38	264.27
40 05 19 00-3672	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	3,203.59	293.05
40 05 19 00-3673	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	3,648.38	318.34
40 05 19 00-3674	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	4,385.51	392.48
40 05 19 00-3675	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	5,117.50	470.96
40 05 19 00-3676	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	6,731.85	593.07
40 05 19 00-3677	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	9,600.29	671.57
40 05 19 00-3678	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	16,195.55	889.61
40 05 19 00-3679	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	24,137.07	1,007.35
40 05 19 00-3680	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	36,607.79	1,151.26
40 05 19 00-3681	EA	48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	49,589.47	1,412.90
40 05 19 00-3682		**Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbows** *(40 05 19 00-2073)*		
40 05 19 00-3683	EA	6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,165.49	163.96
40 05 19 00-3684	EA	8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,503.13	176.17
40 05 19 00-3685	EA	8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,632.61	196.24
40 05 19 00-3686	EA	10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,242.44	204.08
40 05 19 00-3687	EA	10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,284.59	224.15
40 05 19 00-3688	EA	10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,452.58	236.36
40 05 19 00-3689	EA	12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,678.25	238.97
40 05 19 00-3690	EA	12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,990.68	251.18
40 05 19 00-3691	EA	12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,132.06	279.09
40 05 19 00-3692	EA	14" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,118.33	251.18
40 05 19 00-3693	EA	14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,382.06	263.39
40 05 19 00-3694	EA	14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,666.20	291.30
40 05 19 00-3695	EA	14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,984.28	306.13
40 05 19 00-3696	EA	16" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,589.36	288.25
40 05 19 00-3697	EA	16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,804.36	300.46
40 05 19 00-3698	EA	16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,236.32	328.37
40 05 19 00-3699	EA	16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,555.41	342.76
40 05 19 00-3700	EA	16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,816.44	355.41
40 05 19 00-3701	EA	18" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,167.82	327.50
40 05 19 00-3702	EA	18" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,824.56	339.71
40 05 19 00-3703	EA	18" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,912.19	367.62
40 05 19 00-3704	EA	18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,130.52	382.01
40 05 19 00-3705	EA	18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,492.31	394.65
40 05 19 00-3706	EA	18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,887.76	431.72
40 05 19 00-3707	EA	20" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,210.97	388.55
40 05 19 00-3708	EA	20" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,494.85	400.76
40 05 19 00-3709	EA	20" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,590.24	428.67
40 05 19 00-3710	EA	20" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,790.08	443.05
40 05 19 00-3711	EA	20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,398.78	455.70
40 05 19 00-3712	EA	20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,213.09	492.77
40 05 19 00-3713	EA	20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,586.64	532.02
40 05 19 00-3714	EA	24" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,207.02	427.79
40 05 19 00-3715	EA	24" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,485.85	440.00
40 05 19 00-3716	EA	24" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,951.40	467.91
40 05 19 00-3717	EA	24" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	8,288.96	482.31
40 05 19 00-3718	EA	24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	8,939.66	494.96
40 05 19 00-3719	EA	24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	9,523.21	532.02
40 05 19 00-3720	EA	24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	9,686.82	571.26
40 05 19 00-3721	EA	24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	10,149.21	564.95
40 05 19 00-3722	EA	30" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	12,246.69	591.33
40 05 19 00-3723	EA	30" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	12,944.41	603.98
40 05 19 00-3724	EA	30" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	14,654.97	641.04
40 05 19 00-3725	EA	30" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	16,499.86	680.29
40 05 19 00-3726	EA	30" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	22,084.65	741.33
40 05 19 00-3727	EA	30" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	23,602.00	780.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3728	EA	36" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	21,340.77	800.21
40 05 19 00-3729	EA	36" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	23,314.98	839.46
40 05 19 00-3730	EA	36" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	24,440.88	948.48
40 05 19 00-3731	EA	42" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	31,643.28	872.16
40 05 19 00-3732	EA	42" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	32,409.86	911.41
40 05 19 00-3733	EA	42" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	32,380.20	1,020.43
40 05 19 00-3734	EA	42" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	46,210.21	1,079.30
40 05 19 00-3735	EA	48" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	44,200.39	1,053.14
40 05 19 00-3736	EA	48" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	48,047.27	1,162.16
40 05 19 00-3737	EA	48" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	49,421.35	1,221.03
40 05 19 00-3738	EA	48" x 42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	61,311.09	1,292.98
40 05 19 00-3739		**Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbows** *(40 05 19 00-2073)*		
40 05 19 00-3740	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	960.42	143.91
40 05 19 00-3741	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	1,509.98	184.03
40 05 19 00-3742	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	2,240.65	208.45
40 05 19 00-3743	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	3,128.07	264.27
40 05 19 00-3744	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	4,374.27	293.05
40 05 19 00-3745	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	5,128.10	318.34
40 05 19 00-3746	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	6,535.40	392.48
40 05 19 00-3747	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	7,999.69	470.96
40 05 19 00-3748	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	10,680.59	593.07
40 05 19 00-3749	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	15,572.94	671.57
40 05 19 00-3750	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	26,965.15	889.61
40 05 19 00-3751	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	40,822.21	1,007.35
40 05 19 00-3752	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	62,886.81	1,151.26
40 05 19 00-3753		**Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbows** *(40 05 19 00-2073)*		
40 05 19 00-3754	EA	6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	2,010.82	163.96
40 05 19 00-3755	EA	8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	3,393.88	176.17
40 05 19 00-3756	EA	8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	3,202.19	196.24
40 05 19 00-3757	EA	10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	3,587.34	204.08
40 05 19 00-3758	EA	10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	3,964.54	224.15
40 05 19 00-3759	EA	10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	4,101.19	236.36
40 05 19 00-3760	EA	12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	8,296.14	238.97
40 05 19 00-3761	EA	12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	6,365.13	251.18
40 05 19 00-3762	EA	12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	6,407.42	279.09
40 05 19 00-3763	EA	14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	8,528.75	263.39
40 05 19 00-3764	EA	14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	12,136.44	291.30
40 05 19 00-3765	EA	14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	11,866.55	306.13
40 05 19 00-3766	EA	16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	15,648.64	300.46
40 05 19 00-3767	EA	16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	15,545.41	328.37
40 05 19 00-3768	EA	16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	14,504.10	342.76
40 05 19 00-3769	EA	16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	14,391.93	355.41
40 05 19 00-3770	EA	18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	21,318.30	382.01
40 05 19 00-3771	EA	18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	19,421.02	394.65
40 05 19 00-3772	EA	18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	17,560.78	431.72
40 05 19 00-3773	EA	20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	28,660.95	455.70
40 05 19 00-3774	EA	20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	24,123.10	492.77
40 05 19 00-3775	EA	20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	19,588.53	532.02
40 05 19 00-3776	EA	24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	35,951.43	494.96
40 05 19 00-3777	EA	24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	28,735.95	532.02
40 05 19 00-3778	EA	24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	21,523.78	571.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3779	EA	24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	29,408.58	564.95
40 05 19 00-3780		**Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbows With Base** *(40 05 19 00-2073)*		
40 05 19 00-3781	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	1,007.45	143.91
40 05 19 00-3782	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	1,417.60	184.03
40 05 19 00-3783	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	2,302.80	208.45
40 05 19 00-3784	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	3,081.04	264.27
40 05 19 00-3785	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	4,117.30	293.05
40 05 19 00-3786	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	4,881.20	318.34
40 05 19 00-3787	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	5,949.21	392.48
40 05 19 00-3788	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	7,368.17	470.96
40 05 19 00-3789	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	9,519.99	593.07
40 05 19 00-3790	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	13,362.59	671.57
40 05 19 00-3791	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	21,551.80	889.61
40 05 19 00-3792	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	30,675.75	1,007.35
40 05 19 00-3793	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	53,996.69	1,151.26
40 05 19 00-3794	EA	48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	60,590.85	1,412.90
40 05 19 00-3795		**Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tees** *(40 05 19 00-2073)*		
40 05 19 00-3796	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	1,238.70	231.13
40 05 19 00-3797	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	1,603.16	284.33
40 05 19 00-3798	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	2,315.13	317.47
40 05 19 00-3799	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	3,273.78	412.53
40 05 19 00-3800	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	4,376.99	450.03
40 05 19 00-3801	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	5,864.59	484.05
40 05 19 00-3802	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	6,340.06	610.52
40 05 19 00-3803	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	7,872.98	697.74
40 05 19 00-3804	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	9,903.99	880.89
40 05 19 00-3805	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	14,589.43	972.46
40 05 19 00-3806	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	23,975.66	1,343.13
40 05 19 00-3807	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	33,892.05	1,539.37
40 05 19 00-3808	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	72,437.81	1,779.22
40 05 19 00-3809		**Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tees** *(40 05 19 00-2073)*		
40 05 19 00-3810	EA	6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	1,649.17	258.16
40 05 19 00-3811	EA	8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	2,137.48	263.39
40 05 19 00-3812	EA	8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	2,103.70	296.54
40 05 19 00-3813	EA	10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	2,846.56	291.30
40 05 19 00-3814	EA	10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	2,774.16	324.45
40 05 19 00-3815	EA	10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	2,891.54	345.38
40 05 19 00-3816	EA	12" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	3,633.25	306.13
40 05 19 00-3817	EA	12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	3,589.39	339.27
40 05 19 00-3818	EA	12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	3,745.41	360.20
40 05 19 00-3819	EA	12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	4,319.13	427.36
40 05 19 00-3820	EA	14" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,202.01	318.34
40 05 19 00-3821	EA	14" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,077.55	351.48
40 05 19 00-3822	EA	14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,257.06	372.41
40 05 19 00-3823	EA	14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,456.23	439.57
40 05 19 00-3824	EA	14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,736.48	462.68
40 05 19 00-3825	EA	16" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	6,277.69	355.41
40 05 19 00-3826	EA	16" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,281.51	388.55
40 05 19 00-3827	EA	16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,402.25	409.48
40 05 19 00-3828	EA	16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	6,521.84	476.64
40 05 19 00-3829	EA	16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,837.99	499.75
40 05 19 00-3830	EA	16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	6,973.87	521.11
40 05 19 00-3831	EA	18" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,898.61	427.79
40 05 19 00-3832	EA	18" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	6,946.48	448.73
40 05 19 00-3833	EA	18" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	6,898.74	515.88
40 05 19 00-3834	EA	18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	6,518.91	539.00
40 05 19 00-3835	EA	18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	8,037.73	560.37
40 05 19 00-3836	EA	18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	8,467.11	649.76
40 05 19 00-3837	EA	20" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	8,416.45	488.85
40 05 19 00-3838	EA	20" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	8,552.31	509.78
40 05 19 00-3839	EA	20" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	8,813.62	576.93
40 05 19 00-3840	EA	20" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	9,112.34	600.05
40 05 19 00-3841	EA	20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	9,196.77	621.42
40 05 19 00-3842	EA	20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	10,858.98	710.81
40 05 19 00-3843	EA	20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	11,035.80	758.78
40 05 19 00-3844	EA	24" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	9,725.54	528.09
40 05 19 00-3845	EA	24" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	10,103.25	549.02
40 05 19 00-3846	EA	24" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	10,398.16	616.19
40 05 19 00-3847	EA	24" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	11,524.92	639.29
40 05 19 00-3848	EA	24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	11,767.25	660.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3849	EA	24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	12,042.10	750.06
40 05 19 00-3850	EA	24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	15,552.91	798.03
40 05 19 00-3851	EA	24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	16,008.72	852.77
40 05 19 00-3852	EA	30" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	19,254.48	637.12
40 05 19 00-3853	EA	30" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	19,341.63	658.04
40 05 19 00-3854	EA	30" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	19,782.67	725.21
40 05 19 00-3855	EA	30" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	19,817.68	748.31
40 05 19 00-3856	EA	30" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	19,850.06	769.68
40 05 19 00-3857	EA	30" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	19,985.50	859.08
40 05 19 00-3858	EA	30" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	20,617.50	907.05
40 05 19 00-3859	EA	30" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	21,620.46	1,029.15
40 05 19 00-3860	EA	30" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	26,352.24	1,081.48
40 05 19 00-3861	EA	36" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	27,657.25	911.85
40 05 19 00-3862	EA	36" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	27,907.42	928.41
40 05 19 00-3863	EA	36" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	28,034.88	975.95
40 05 19 00-3864	EA	36" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	28,232.92	994.70
40 05 19 00-3865	EA	36" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	28,315.80	1,011.70
40 05 19 00-3866	EA	36" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	28,522.46	1,074.94
40 05 19 00-3867	EA	36" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	28,647.31	1,118.55
40 05 19 00-3868	EA	36" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	29,009.45	1,210.13
40 05 19 00-3869	EA	36" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	29,589.44	1,255.92
40 05 19 00-3870	EA	36" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	38,264.88	1,441.25
40 05 19 00-3871	EA	42" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	42,028.74	879.14
40 05 19 00-3872	EA	42" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	42,123.26	900.51
40 05 19 00-3873	EA	42" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	42,376.29	989.91
40 05 19 00-3874	EA	42" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	42,509.42	1,037.87
40 05 19 00-3875	EA	42" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	42,934.61	1,159.98
40 05 19 00-3876	EA	42" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	43,495.95	1,212.31
40 05 19 00-3877	EA	42" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	54,475.55	1,473.96
40 05 19 00-3878	EA	42" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	69,536.37	1,611.33
40 05 19 00-3879	EA	48" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	56,451.21	1,020.87
40 05 19 00-3880	EA	48" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	56,483.58	1,042.24
40 05 19 00-3881	EA	48" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	56,797.07	1,131.63
40 05 19 00-3882	EA	48" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	56,869.76	1,179.60
40 05 19 00-3883	EA	48" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	57,294.94	1,301.70
40 05 19 00-3884	EA	48" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	57,797.48	1,354.03
40 05 19 00-3885	EA	48" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	59,035.40	1,615.68

40 05 19 00-3886 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tees With Base *(40 05 19 00-2073)*

40 05 19 00-3887	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	1,336.12	231.13
40 05 19 00-3888	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	1,887.01	284.33
40 05 19 00-3889	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	2,795.50	317.47
40 05 19 00-3890	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	4,184.12	412.53
40 05 19 00-3891	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	5,640.05	450.03
40 05 19 00-3892	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	6,356.71	484.05
40 05 19 00-3893	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	7,791.23	610.52
40 05 19 00-3894	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	9,416.53	697.74
40 05 19 00-3895	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	12,378.04	880.89
40 05 19 00-3896	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	17,817.62	972.46
40 05 19 00-3897	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	29,511.63	1,343.13
40 05 19 00-3898	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	42,021.32	1,539.37

40 05 19 00-3899 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wyes *(40 05 19 00-2073)*

40 05 19 00-3900	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye	1,092.57	231.13
40 05 19 00-3901	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye	1,591.40	284.33
40 05 19 00-3902	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye	2,353.76	317.47
40 05 19 00-3903	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye	3,102.46	412.53
40 05 19 00-3904	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye	4,689.40	450.03
40 05 19 00-3905	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye	6,277.77	484.05

40 05 19 00-3906 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Crosses *(40 05 19 00-2073)*

40 05 19 00-3907	EA	4" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	1,404.43	318.34
40 05 19 00-3908	EA	6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	1,975.49	344.94
40 05 19 00-3909	EA	6" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	2,052.42	384.62
40 05 19 00-3910	EA	8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	2,550.10	350.61
40 05 19 00-3911	EA	8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	2,720.92	396.83
40 05 19 00-3912	EA	8" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	2,780.96	426.49
40 05 19 00-3913	EA	10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	3,349.89	378.52
40 05 19 00-3914	EA	10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	3,616.44	424.74
40 05 19 00-3915	EA	10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	3,906.59	454.40
40 05 19 00-3916	EA	10" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	4,701.02	560.81
40 05 19 00-3917	EA	12" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	4,379.45	392.91
40 05 19 00-3918	EA	12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	4,546.91	439.14
40 05 19 00-3919	EA	12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	4,837.06	468.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3920	EA	12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	5,681.88	575.19
40 05 19 00-3921	EA	12" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	5,330.37	607.03
40 05 19 00-3922	EA	14" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	5,474.74	451.78
40 05 19 00-3923	EA	14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	5,764.89	481.43
40 05 19 00-3924	EA	14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,265.38	587.84
40 05 19 00-3925	EA	14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,757.03	619.68
40 05 19 00-3926	EA	14" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	7,044.49	649.76
40 05 19 00-3927	EA	16" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,533.62	488.85
40 05 19 00-3928	EA	16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,870.79	518.50
40 05 19 00-3929	EA	16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	7,372.98	624.91
40 05 19 00-3930	EA	16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	7,911.65	656.74
40 05 19 00-3931	EA	16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	10,844.48	686.83
40 05 19 00-3932	EA	16" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	8,759.84	828.55
40 05 19 00-3933	EA	18" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,866.87	528.09
40 05 19 00-3934	EA	18" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	7,204.04	557.75
40 05 19 00-3935	EA	18" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	7,608.80	664.15
40 05 19 00-3936	EA	18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	8,147.48	695.99
40 05 19 00-3937	EA	18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	9,266.33	726.07
40 05 19 00-3938	EA	18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	9,922.80	867.80
40 05 19 00-3939	EA	18" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	10,299.27	924.50
40 05 19 00-3940	EA	20" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	8,832.12	589.14
40 05 19 00-3941	EA	20" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	9,192.80	618.80
40 05 19 00-3942	EA	20" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	9,563.98	725.21
40 05 19 00-3943	EA	20" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	10,137.93	757.03
40 05 19 00-3944	EA	20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	10,291.00	787.13
40 05 19 00-3945	EA	20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	12,294.53	928.85
40 05 19 00-3946	EA	20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	12,694.50	985.55
40 05 19 00-3947	EA	20" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	13,709.36	1,168.70
40 05 19 00-3948	EA	24" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	11,666.29	628.40
40 05 19 00-3949	EA	24" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	11,924.52	658.04
40 05 19 00-3950	EA	24" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	12,451.89	764.45
40 05 19 00-3951	EA	24" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	12,815.89	796.29
40 05 19 00-3952	EA	24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	13,019.36	826.37
40 05 19 00-3953	EA	24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	13,601.93	968.11
40 05 19 00-3954	EA	24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	17,424.93	1,024.79
40 05 19 00-3955	EA	24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	18,282.28	1,140.58
40 05 19 00-3956	EA	24" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	19,956.48	1,273.36
40 05 19 00-3957	EA	30" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	20,900.38	905.31
40 05 19 00-3958	EA	30" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	21,001.41	935.39
40 05 19 00-3959	EA	30" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	21,609.16	1,077.12
40 05 19 00-3960	EA	30" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	21,810.95	1,133.81
40 05 19 00-3961	EA	30" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	22,706.56	1,316.96
40 05 19 00-3962	EA	30" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	29,288.91	1,382.38
40 05 19 00-3963	EA	30" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	32,790.41	1,796.66
40 05 19 00-3964	EA	36" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	29,256.84	1,151.69
40 05 19 00-3965	EA	36" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	29,295.82	1,177.42
40 05 19 00-3966	EA	36" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	29,813.55	1,292.98
40 05 19 00-3967	EA	36" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	30,003.70	1,345.31
40 05 19 00-3968	EA	36" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	30,742.19	1,497.94
40 05 19 00-3969	EA	36" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	31,733.33	1,556.81
40 05 19 00-3970	EA	36" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	42,334.75	1,894.77
40 05 19 00-3971	EA	36" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	46,211.81	2,071.39
40 05 19 00-3972	EA	42" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	43,544.77	1,207.94
40 05 19 00-3973	EA	42" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	43,692.80	1,264.64
40 05 19 00-3974	EA	42" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	44,544.73	1,447.79
40 05 19 00-3975	EA	42" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	45,601.22	1,513.20
40 05 19 00-3976	EA	42" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	58,728.49	1,927.48
40 05 19 00-3977	EA	42" x 42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	79,902.75	2,143.34
40 05 19 00-3978	EA	48" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	59,299.78	1,589.52
40 05 19 00-3979	EA	48" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	60,356.25	1,654.93
40 05 19 00-3980	EA	48" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	62,707.22	2,069.20

40 05 19 00-3981 Flanged End x Flanged End, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducers *(40 05 19 00-2073)*

40 05 19 00-3982	EA	6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	999.21	163.96
40 05 19 00-3983	EA	8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,328.45	176.17
40 05 19 00-3984	EA	8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,412.58	196.24
40 05 19 00-3985	EA	10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,770.47	204.08
40 05 19 00-3986	EA	10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,763.91	224.15
40 05 19 00-3987	EA	10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,980.61	236.36
40 05 19 00-3988	EA	12" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,258.19	218.92
40 05 19 00-3989	EA	12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,293.62	238.97
40 05 19 00-3990	EA	12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,454.89	251.18
40 05 19 00-3991	EA	12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,668.50	279.09
40 05 19 00-3992	EA	14" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,777.37	251.18
40 05 19 00-3993	EA	14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,992.39	263.39
40 05 19 00-3994	EA	14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,202.63	291.30
40 05 19 00-3995	EA	14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,110.89	306.13
40 05 19 00-3996	EA	16" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,298.79	288.25
40 05 19 00-3997	EA	16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,145.96	300.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3998	EA	16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,398.20	328.37
40 05 19 00-3999	EA	16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,802.95	342.76
40 05 19 00-4000	EA	16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,277.29	355.41
40 05 19 00-4001	EA	18" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,991.48	339.71
40 05 19 00-4002	EA	18" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,278.98	367.62
40 05 19 00-4003	EA	18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,238.65	382.01
40 05 19 00-4004	EA	18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,758.33	394.65
40 05 19 00-4005	EA	18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,712.04	431.72
40 05 19 00-4006	EA	20" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,863.32	400.76
40 05 19 00-4007	EA	20" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	5,167.61	428.67
40 05 19 00-4008	EA	20" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	5,044.98	443.05
40 05 19 00-4009	EA	20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	5,683.91	455.70
40 05 19 00-4010	EA	20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	5,348.73	492.77
40 05 19 00-4011	EA	20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,380.68	532.02
40 05 19 00-4012	EA	24" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	7,041.05	467.91
40 05 19 00-4013	EA	24" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	7,608.72	482.31
40 05 19 00-4014	EA	24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	7,768.98	494.96
40 05 19 00-4015	EA	24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,951.75	532.02
40 05 19 00-4016	EA	24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	8,160.06	571.26
40 05 19 00-4017	EA	24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	8,570.38	564.95
40 05 19 00-4018	EA	30" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	11,646.81	641.04
40 05 19 00-4019	EA	30" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	12,047.24	680.29
40 05 19 00-4020	EA	30" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	12,816.62	741.33
40 05 19 00-4021	EA	30" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	14,001.41	780.59
40 05 19 00-4022	EA	36" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	16,492.63	699.91
40 05 19 00-4023	EA	36" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	16,730.14	739.16
40 05 19 00-4024	EA	36" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	17,766.58	800.21
40 05 19 00-4025	EA	36" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	18,694.40	839.46
40 05 19 00-4026	EA	36" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	21,231.17	948.48
40 05 19 00-4027	EA	42" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	25,901.41	911.41
40 05 19 00-4028	EA	42" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	28,953.81	1,020.43
40 05 19 00-4029	EA	42" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	32,469.41	1,079.30
40 05 19 00-4030	EA	48" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	34,302.51	1,053.14
40 05 19 00-4031	EA	48" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	36,338.78	1,162.16
40 05 19 00-4032	EA	48" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	40,336.39	1,221.03
40 05 19 00-4033	EA	48" x 42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	44,896.35	1,292.98
40 05 19 00-4034		Flanged End x Flanged End, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducers *(40 05 19 00-2073)*		
40 05 19 00-4035	EA	6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,068.07	163.96
40 05 19 00-4036	EA	8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,407.39	176.17
40 05 19 00-4037	EA	8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,533.52	196.24
40 05 19 00-4038	EA	10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,770.47	204.08
40 05 19 00-4039	EA	10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,847.89	224.15
40 05 19 00-4040	EA	10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,061.23	236.36
40 05 19 00-4041	EA	12" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,258.19	218.92
40 05 19 00-4042	EA	12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,387.68	238.97
40 05 19 00-4043	EA	12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,552.30	251.18
40 05 19 00-4044	EA	12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,838.13	279.09
40 05 19 00-4045	EA	14" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,777.37	251.18
40 05 19 00-4046	EA	14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,942.00	263.39
40 05 19 00-4047	EA	14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,179.12	291.30
40 05 19 00-4048	EA	14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,544.23	306.13
40 05 19 00-4049	EA	16" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,298.79	288.25
40 05 19 00-4050	EA	16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,510.43	300.46
40 05 19 00-4051	EA	16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,799.62	328.37
40 05 19 00-4052	EA	16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,113.67	342.76
40 05 19 00-4053	EA	16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,277.29	355.41
40 05 19 00-4054	EA	18" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,991.48	339.71
40 05 19 00-4055	EA	18" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,278.98	367.62
40 05 19 00-4056	EA	18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,591.36	382.01
40 05 19 00-4057	EA	18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,758.33	394.65
40 05 19 00-4058	EA	18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	5,106.75	431.72
40 05 19 00-4059	EA	20" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	5,125.33	400.76
40 05 19 00-4060	EA	20" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	5,352.37	428.67
40 05 19 00-4061	EA	20" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	5,558.94	443.05
40 05 19 00-4062	EA	20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	5,683.91	455.70
40 05 19 00-4063	EA	20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	6,106.23	492.77
40 05 19 00-4064	EA	20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	6,375.64	532.02
40 05 19 00-4065	EA	24" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,230.55	440.00
40 05 19 00-4066	EA	24" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,161.98	467.91
40 05 19 00-4067	EA	24" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,289.60	482.31
40 05 19 00-4068	EA	24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,412.90	494.96
40 05 19 00-4069	EA	24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,836.90	532.02
40 05 19 00-4070	EA	24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	8,160.06	571.26
40 05 19 00-4071	EA	24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	8,570.38	564.95
40 05 19 00-4072	EA	30" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	14,373.74	603.98
40 05 19 00-4073	EA	30" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	13,396.95	641.04
40 05 19 00-4074	EA	30" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	12,102.66	680.29
40 05 19 00-4075	EA	30" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	12,816.62	741.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-4076	EA	30" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	14,001.41	780.59
40 05 19 00-4077	EA	36" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	15,511.75	699.91
40 05 19 00-4078	EA	36" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	16,152.36	739.16
40 05 19 00-4079	EA	36" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	17,089.70	800.21
40 05 19 00-4080	EA	36" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	18,635.61	839.46
40 05 19 00-4081	EA	36" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	21,528.46	948.48
40 05 19 00-4082	EA	42" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	25,901.41	911.41
40 05 19 00-4083	EA	42" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	28,953.81	1,020.43
40 05 19 00-4084	EA	42" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	32,469.41	1,079.30
40 05 19 00-4085	EA	48" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	36,338.78	1,162.16
40 05 19 00-4086	EA	48" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	40,336.39	1,221.03
40 05 19 00-4087	EA	48" x 42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	44,896.35	1,292.98

40 05 19 00-4088 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flanges *(40 05 19 00-2073)*

40 05 19 00-4089	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	494.03	56.69
40 05 19 00-4090	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	751.67	83.73
40 05 19 00-4091	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	1,003.88	99.43
40 05 19 00-4092	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	1,460.65	116.00
40 05 19 00-4093	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	1,936.14	136.06
40 05 19 00-4094	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	2,668.35	152.63
40 05 19 00-4095	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	3,223.75	174.43
40 05 19 00-4096	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	4,338.90	244.20
40 05 19 00-4097	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	5,825.47	305.26
40 05 19 00-4098	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	8,541.40	370.67
40 05 19 00-4099	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	12,382.78	431.72
40 05 19 00-4100	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	23,226.83	475.33
40 05 19 00-4101	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	33,306.58	523.30
40 05 19 00-4102	EA	48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	44,403.71	588.71

40 05 19 00-4103 Ductile Iron Bolt Packs *(40 05 19)*

Note: Labor installation is included with pipe fittings or valves.

40 05 19 00-4104	EA	4" Pipe Diameter, Ductile Iron Flange Bolt Pack	45.55
		Note: Includes eight (8) 5/8" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*12.75*
		For Hot Dip Galvanized, Add	*18.22*
40 05 19 00-4105	EA	6" Pipe Diameter, Ductile Iron Flange Bolt Pack	70.28
		Note: Includes eight (8) 3/4" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*19.68*
		For Hot Dip Galvanized, Add	*28.11*
40 05 19 00-4106	EA	8" Pipe Diameter, Ductile Iron Flange Bolt Pack	76.32
		Note: Includes eight (8) 3/4" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*21.37*
		For Hot Dip Galvanized, Add	*30.53*
40 05 19 00-4107	EA	10" Pipe Diameter, Ductile Iron Flange Bolt Pack	171.43
		Note: Includes twelve (12) 7/8" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*48.00*
		For Hot Dip Galvanized, Add	*68.57*
40 05 19 00-4108	EA	12" Pipe Diameter, Ductile Iron Flange Bolt Pack	172.93
		Note: Includes twelve (12) 7/8" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*48.42*
		For Hot Dip Galvanized, Add	*69.17*
40 05 19 00-4109	EA	14" Pipe Diameter, Ductile Iron Flange Bolt Pack	193.75
		Note: Includes twelve (12) 1" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*54.25*
		For Hot Dip Galvanized, Add	*77.50*
40 05 19 00-4110	EA	16" Pipe Diameter, Ductile Iron Flange Bolt Pack	325.71
		Note: Includes sixteen (16) 1" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*91.20*
		For Hot Dip Galvanized, Add	*130.28*
40 05 19 00-4111	EA	18" Pipe Diameter, Ductile Iron Flange Bolt Pack	473.18
		Note: Includes sixteen (16) 1-1/8" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*132.49*
		For Hot Dip Galvanized, Add	*189.27*
40 05 19 00-4112	EA	20" Pipe Diameter, Ductile Iron Flange Bolt Pack	597.45
		Note: Includes twenty (20) 1-1/8" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*167.29*
		For Hot Dip Galvanized, Add	*238.98*
40 05 19 00-4113	EA	24" Pipe Diameter, Ductile Iron Flange Bolt Pack	854.84
		Note: Includes twenty (20) 1-1/4" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*239.36*
		For Hot Dip Galvanized, Add	*341.94*
40 05 19 00-4114	EA	30" Pipe Diameter, Ductile Iron Flange Bolt Pack	1,350.78
		Note: Includes twenty-eight (28) 1-1/4" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*378.22*
		For Hot Dip Galvanized, Add	*540.31*
40 05 19 00-4115	EA	36" Pipe Diameter, Ductile Iron Flange Bolt Pack	1,926.91
		Note: Includes thirty-two (32) 1-1/2" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*539.53*
		For Hot Dip Galvanized, Add	*770.76*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-4116	EA	42" Pipe Diameter, Ductile Iron Flange Bolt Pack Note: Includes thirty-six (36) 1-1/2" diameter plain finish bolts with washers and nut.	2,478.92	
		For Zinc Plated, Add	*694.10*	
		For Hot Dip Galvanized, Add	*991.57*	
40 05 19 00-4117	EA	48" Pipe Diameter, Ductile Iron Flange Bolt Pack Note: Includes forty-four (44) 1-1/2" diameter plain finish bolts with washers and nut.	3,029.78	
		For Zinc Plated, Add	*848.34*	
		For Hot Dip Galvanized, Add	*1,211.91*	

40 05 19 00-4118 Full Face Flange Gaskets, ANSI/AWWA C115/A21.15 *(40 05 19)*

Note: Labor installation is included with pipe fittings or valves.

40 05 19 00-4119 Full Face Flange Styrene Butadiene (SBR) Gaskets *(40 05 19 00-4118)*

40 05 19 00-4120	EA	4" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	8.24
40 05 19 00-4121	EA	6" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	10.48
40 05 19 00-4122	EA	8" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	14.23
40 05 19 00-4123	EA	10" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	16.47
40 05 19 00-4124	EA	12" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	17.97
40 05 19 00-4125	EA	14" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	29.95
40 05 19 00-4126	EA	16" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	36.69
40 05 19 00-4127	EA	18" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	38.94
40 05 19 00-4128	EA	20" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	59.90
40 05 19 00-4129	EA	24" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	64.40
40 05 19 00-4130	EA	30" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	83.12
40 05 19 00-4131	EA	36" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	95.10
40 05 19 00-4132	EA	42" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	101.84
40 05 19 00-4133	EA	48" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	111.57

40 05 19 00-4134 Full Face Flange Nitrile Buna-N (NBR) Gaskets *(40 05 19 00-4118)*

Note: (Acrylonitrile Butadiene)

40 05 19 00-4135	EA	4" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	25.46
40 05 19 00-4136	EA	6" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	35.94
40 05 19 00-4137	EA	8" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	55.41
40 05 19 00-4138	EA	10" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	60.65
40 05 19 00-4139	EA	12" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	65.15
40 05 19 00-4140	EA	14" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	122.80
40 05 19 00-4141	EA	16" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	151.26
40 05 19 00-4142	EA	18" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	152.01
40 05 19 00-4143	EA	20" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	158.00
40 05 19 00-4144	EA	24" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	166.98
40 05 19 00-4145	EA	30" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	184.95
40 05 19 00-4146	EA	36" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	203.67
40 05 19 00-4147	EA	42" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	289.79
40 05 19 00-4148	EA	48" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	316.74

40 05 19 00-4149 Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gaskets *(40 05 19 00-4118)*

40 05 19 00-4150	EA	4" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	22.46
40 05 19 00-4151	EA	6" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	29.20
40 05 19 00-4152	EA	8" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	39.69
40 05 19 00-4153	EA	10" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	46.43
40 05 19 00-4154	EA	12" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	51.67
40 05 19 00-4155	EA	14" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	85.36
40 05 19 00-4156	EA	16" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	102.59
40 05 19 00-4157	EA	18" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	103.33
40 05 19 00-4158	EA	20" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	105.58
40 05 19 00-4159	EA	24" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	122.80
40 05 19 00-4160	EA	30" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	150.51
40 05 19 00-4161	EA	36" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	171.48
40 05 19 00-4162	EA	42" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	245.61
40 05 19 00-4163	EA	48" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	271.07

40 05 19 00-4164 Full Face Flange Neoprene Gaskets *(40 05 19 00-4118)*

Note: (Polychloroprene)

40 05 19 00-4165	EA	4" Full Face Flange Neoprene Gasket, 1/8" Thick	26.21
40 05 19 00-4166	EA	6" Full Face Flange Neoprene Gasket, 1/8" Thick	36.69
40 05 19 00-4167	EA	8" Full Face Flange Neoprene Gasket, 1/8" Thick	56.16
40 05 19 00-4168	EA	10" Full Face Flange Neoprene Gasket, 1/8" Thick	60.65
40 05 19 00-4169	EA	12" Full Face Flange Neoprene Gasket, 1/8" Thick	65.15
40 05 19 00-4170	EA	14" Full Face Flange Neoprene Gasket, 1/8" Thick	86.86
40 05 19 00-4171	EA	16" Full Face Flange Neoprene Gasket, 1/8" Thick	152.76
40 05 19 00-4172	EA	18" Full Face Flange Neoprene Gasket, 1/8" Thick	153.50
40 05 19 00-4173	EA	20" Full Face Flange Neoprene Gasket, 1/8" Thick	162.49
40 05 19 00-4174	EA	24" Full Face Flange Neoprene Gasket, 1/8" Thick	164.74
40 05 19 00-4175	EA	30" Full Face Flange Neoprene Gasket, 1/8" Thick	178.96
40 05 19 00-4176	EA	36" Full Face Flange Neoprene Gasket, 1/8" Thick	201.43
40 05 19 00-4177	EA	42" Full Face Flange Neoprene Gasket, 1/8" Thick	292.03
40 05 19 00-4178	EA	48" Full Face Flange Neoprene Gasket, 1/8" Thick	319.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-4179		Full Face Flange FKM Gaskets *(40 05 19 00-4118)*		
		Note: (Fluoroelastomer Fluorel Viton®)		
40 05 19 00-4180	EA	4" Full Face Flange FKM Gasket, 1/8" Thick	146.36	
40 05 19 00-4181	EA	6" Full Face Flange FKM Gasket, 1/8" Thick	217.91	
40 05 19 00-4182	EA	8" Full Face Flange FKM Gasket, 1/8" Thick	291.09	
40 05 19 00-4183	EA	10" Full Face Flange FKM Gasket, 1/8" Thick	351.26	
40 05 19 00-4184	EA	12" Full Face Flange FKM Gasket, 1/8" Thick	456.96	
40 05 19 00-4185	EA	14" Full Face Flange FKM Gasket, 1/8" Thick	835.87	
40 05 19 00-4186	EA	16" Full Face Flange FKM Gasket, 1/8" Thick	957.83	
40 05 19 00-4187	EA	18" Full Face Flange FKM Gasket, 1/8" Thick	1,003.37	
40 05 19 00-4188	EA	20" Full Face Flange FKM Gasket, 1/8" Thick	1,070.04	
40 05 19 00-4189	EA	24" Full Face Flange FKM Gasket, 1/8" Thick	1,479.84	
40 05 19 00-4190	EA	30" Full Face Flange FKM Gasket, 1/8" Thick	1,774.18	
40 05 19 00-4191	EA	36" Full Face Flange FKM Gasket, 1/8" Thick	1,871.76	
40 05 19 00-4192	EA	42" Full Face Flange FKM Gasket, 1/8" Thick	2,333.60	
40 05 19 00-4193	EA	48" Full Face Flange FKM Gasket, 1/8" Thick	2,445.80	
40 05 19 00-4194		Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100) *(40 05 19)*		
40 05 19 00-4195	EA	4" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	425.65	83.47
40 05 19 00-4196	EA	6" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	589.22	101.90
40 05 19 00-4197	EA	8" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	869.99	124.29
40 05 19 00-4198	EA	10" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	1,193.30	151.61
40 05 19 00-4199	EA	12" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	1,514.34	184.88
40 05 19 00-4200	EA	14" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	2,427.00	225.56
40 05 19 00-4201	EA	16" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	3,810.18	275.28
40 05 19 00-4202	EA	18" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	3,938.46	335.75
40 05 19 00-4203	EA	20" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	4,825.05	409.70
40 05 19 00-4204	EA	24" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	5,379.74	499.73
40 05 19 00-4205	EA	30" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	6,930.46	609.79
40 05 19 00-4206	EA	36" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	10,289.51	743.84
40 05 19 00-4207	EA	42" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	26,738.13	907.57
40 05 19 00-4208	EA	48" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	34,148.80	1,107.17

40 05 23 Stainless Steel Process Pipe and Tubing *(40 05)*

40 05 23 23 300- and 400-Series Stainless Steel Process Pipe *(40 05 23)*

40 05 23 23-0001		Schedule 40 Pipe, Type 304, With 150 Lb. Screwed Fittings Assemblies *(40 05 23 23)*		
		Note: Includes hangers and fittings. Fittings are assumed every 10'. Not for use where detail is available.		
40 05 23 23-0002	LF	1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 Lb. Screwed Fitting Assembly	32.26	10.22
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*3.05*	
		For Work In Restricted Working Space, Add	*6.16*	
40 05 23 23-0003	LF	3/4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 Lb. Screwed Fitting Assembly	36.70	11.71
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*3.20*	
		For Work In Restricted Working Space, Add	*7.32*	
40 05 23 23-0004	LF	1" Stainless Steel Pipe, Schedule 40 Type 304 With 150 Lb. Screwed Fitting Assembly	42.71	13.21
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*3.75*	
		For Work In Restricted Working Space, Add	*8.49*	
40 05 23 23-0005	LF	1-1/4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 Lb. Screwed Fitting Assembly	48.67	15.95
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*4.73*	
		For Work In Restricted Working Space, Add	*9.14*	
40 05 23 23-0006	LF	1-1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 Lb. Screwed Fitting Assembly	53.51	16.41
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*5.42*	
		For Work In Restricted Working Space, Add	*9.80*	
40 05 23 23-0007	LF	2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 Lb. Screwed Fitting Assembly	64.78	21.69
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*6.61*	
		For Work In Restricted Working Space, Add	*11.81*	
40 05 23 23-0008	LF	2-1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 Lb. Screwed Fitting Assembly	92.46	26.74
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*11.36*	
		For Work In Restricted Working Space, Add	*14.63*	
40 05 23 23-0009	LF	3" Stainless Steel Pipe, Schedule 40 Type 304 With 150 Lb. Screwed Fitting Assembly	116.57	30.99
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*14.80*	
		For Work In Restricted Working Space, Add	*17.90*	
40 05 23 23-0010	LF	4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 Lb. Screwed Fitting Assembly	157.63	30.99
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*22.70*	
40 05 23 23-0011		Stainless Steel Tubing And Fittings *(40 05 23 23)*		
40 05 23 23-0012		Type 304 Tubing *(40 05 23 23-0011)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0013		**0.035" Wall** *(40 05 23 23-0012)*		
40 05 23 23-0014	LF	1/4", 0.035" Wall, Type 304, Stainless Steel Tubing	8.79	3.36
		For Work In Restricted Working Space, Add	*2.00*	
40 05 23 23-0015	LF	3/8", 0.035" Wall, Type 304, Stainless Steel Tubing	10.22	3.99
		For Work In Restricted Working Space, Add	*2.40*	
40 05 23 23-0016	LF	1/2", 0.035" Wall, Type 304, Stainless Steel Tubing	12.19	4.74
		For Work In Restricted Working Space, Add	*2.81*	
40 05 23 23-0017	LF	5/8", 0.035" Wall, Type 304, Stainless Steel Tubing	19.29	5.37
		For Work In Restricted Working Space, Add	*3.21*	
40 05 23 23-0018	LF	3/4", 0.035" Wall, Type 304, Stainless Steel Tubing	22.80	5.98
		For Work In Restricted Working Space, Add	*3.62*	
40 05 23 23-0019	LF	7/8", 0.035" Wall, Type 304, Stainless Steel Tubing	25.24	6.74
		For Work In Restricted Working Space, Add	*4.02*	
40 05 23 23-0020	LF	1", 0.035" Wall, Type 304, Stainless Steel Tubing	28.34	8.10
		For Work In Restricted Working Space, Add	*4.83*	
40 05 23 23-0021		**0.049" Wall** *(40 05 23 23-0012)*		
40 05 23 23-0022	LF	1/4", 0.049" Wall, Type 304, Stainless Steel Tubing	14.25	3.99
		For Work In Restricted Working Space, Add	*2.40*	
40 05 23 23-0023	LF	3/8", 0.049" Wall, Type 304, Stainless Steel Tubing	15.94	4.74
		For Work In Restricted Working Space, Add	*2.81*	
40 05 23 23-0024	LF	1/2", 0.049" Wall, Type 304, Stainless Steel Tubing	19.10	5.37
		For Work In Restricted Working Space, Add	*3.21*	
40 05 23 23-0025	LF	5/8", 0.049" Wall, Type 304, Stainless Steel Tubing	24.16	6.74
		For Work In Restricted Working Space, Add	*4.02*	
40 05 23 23-0026	LF	3/4", 0.049" Wall, Type 304, Stainless Steel Tubing	27.73	8.10
		For Work In Restricted Working Space, Add	*4.83*	
40 05 23 23-0027	LF	7/8", 0.049" Wall, Type 304, Stainless Steel Tubing	31.23	9.35
		For Work In Restricted Working Space, Add	*5.63*	
40 05 23 23-0028	LF	1", 0.049" Wall, Type 304, Stainless Steel Tubing	36.00	10.60
		For Work In Restricted Working Space, Add	*6.39*	
40 05 23 23-0029		**0.065" Wall** *(40 05 23 23-0012)*		
40 05 23 23-0030	LF	1/4", 0.065" Wall, Type 304, Stainless Steel Tubing	16.65	4.74
		For Work In Restricted Working Space, Add	*2.81*	
40 05 23 23-0031	LF	3/8", 0.065" Wall, Type 304, Stainless Steel Tubing	19.15	5.37
		For Work In Restricted Working Space, Add	*3.21*	
40 05 23 23-0032	LF	1/2", 0.065" Wall, Type 304, Stainless Steel Tubing	23.64	6.74
		For Work In Restricted Working Space, Add	*4.02*	
40 05 23 23-0033	LF	5/8", 0.065" Wall, Type 304, Stainless Steel Tubing	27.82	8.10
		For Work In Restricted Working Space, Add	*4.83*	
40 05 23 23-0034	LF	3/4", 0.065" Wall, Type 304, Stainless Steel Tubing	32.78	9.35
		For Work In Restricted Working Space, Add	*5.63*	
40 05 23 23-0035	LF	7/8", 0.065" Wall, Type 304, Stainless Steel Tubing	37.64	10.60
		For Work In Restricted Working Space, Add	*6.39*	
40 05 23 23-0036	LF	1", 0.065" Wall, Type 304, Stainless Steel Tubing	42.43	11.97
		For Work In Restricted Working Space, Add	*7.19*	
40 05 23 23-0037		**Type 304 Tube Fittings** *(40 05 23 23-0011)*		
40 05 23 23-0038		**90 Degree Elbows** *(40 05 23 23-0037)*		
40 05 23 23-0039	EA	1/4", Type 304, Stainless Steel, 90 Degree Elbow	53.35	13.47
		For Work In Restricted Working Space, Add	*8.04*	
40 05 23 23-0040	EA	3/8", Type 304, Stainless Steel, 90 Degree Elbow	62.80	14.71
		For Work In Restricted Working Space, Add	*8.80*	
40 05 23 23-0041	EA	1/2", Type 304, Stainless Steel, 90 Degree Elbow	93.26	16.58
		For Work In Restricted Working Space, Add	*9.98*	
40 05 23 23-0042	EA	5/8", Type 304, Stainless Steel, 90 Degree Elbow	99.82	18.57
		For Work In Restricted Working Space, Add	*11.17*	
40 05 23 23-0043	EA	3/4", Type 304, Stainless Steel, 90 Degree Elbow	111.48	20.08
		For Work In Restricted Working Space, Add	*12.07*	
40 05 23 23-0044	EA	7/8", Type 304, Stainless Steel, 90 Degree Elbow	150.98	22.32
		For Work In Restricted Working Space, Add	*13.36*	
40 05 23 23-0045	EA	1", Type 304, Stainless Steel, 90 Degree Elbow	191.82	26.56
		For Work In Restricted Working Space, Add	*15.92*	
40 05 23 23-0046		**Union Tees** *(40 05 23 23-0037)*		
40 05 23 23-0047	EA	1/4", Type 304, Stainless Steel, Union Tee	84.36	20.08
		For Work In Restricted Working Space, Add	*12.07*	
40 05 23 23-0048	EA	3/8", Type 304, Stainless Steel, Union Tee	101.79	22.32
		For Work In Restricted Working Space, Add	*13.36*	
40 05 23 23-0049	EA	1/2", Type 304, Stainless Steel, Union Tee	137.72	24.94
		For Work In Restricted Working Space, Add	*14.96*	
40 05 23 23-0050	EA	5/8", Type 304, Stainless Steel, Union Tee	148.56	28.30
		For Work In Restricted Working Space, Add	*17.00*	
40 05 23 23-0051	EA	3/4", Type 304, Stainless Steel, Union Tee	188.34	30.42
		For Work In Restricted Working Space, Add	*18.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0052	EA	7/8", Type 304, Stainless Steel, Union Tee	295.59	33.67
		For Work In Restricted Working Space, Add	*20.22*	
40 05 23 23-0053	EA	1", Type 304, Stainless Steel, Union Tee	354.21	40.27
		For Work In Restricted Working Space, Add	*24.13*	
40 05 23 23-0054		**Unions** *(40 05 23 23-0037)*		
40 05 23 23-0055	EA	1/4", Type 304, Stainless Steel, Union	80.84	20.08
		For Work In Restricted Working Space, Add	*12.07*	
40 05 23 23-0056	EA	3/8", Type 304, Stainless Steel, Union	103.77	22.32
		For Work In Restricted Working Space, Add	*13.36*	
40 05 23 23-0057	EA	1/2", Type 304, Stainless Steel, Union	139.02	24.94
		For Work In Restricted Working Space, Add	*14.96*	
40 05 23 23-0058	EA	5/8", Type 304, Stainless Steel, Union	168.96	28.30
		For Work In Restricted Working Space, Add	*17.00*	
40 05 23 23-0059	EA	3/4", Type 304, Stainless Steel, Union	200.75	30.42
		For Work In Restricted Working Space, Add	*18.25*	
40 05 23 23-0060	EA	7/8", Type 304, Stainless Steel, Union	305.50	33.67
		For Work In Restricted Working Space, Add	*20.22*	
40 05 23 23-0061	EA	1", Type 304, Stainless Steel, Union	326.15	40.27
		For Work In Restricted Working Space, Add	*24.13*	
40 05 23 23-0062		**Male Connectors** *(40 05 23 23-0037)*		
40 05 23 23-0063	EA	1/4" x 1/4", Type 304, Stainless Steel, Male Connection	40.78	13.47
		For Work In Restricted Working Space, Add	*8.04*	
40 05 23 23-0064	EA	3/8" x 3/8", Type 304, Stainless Steel, Male Connection	50.44	14.71
		For Work In Restricted Working Space, Add	*8.80*	
40 05 23 23-0065	EA	1/2" x 1/2", Type 304, Stainless Steel, Male Connection	64.83	16.58
		For Work In Restricted Working Space, Add	*9.98*	
40 05 23 23-0066	EA	5/8" x 5/8" Male Connection, Stainless Steel Type 304	73.02	18.57
		For Work In Restricted Working Space, Add	*11.17*	
40 05 23 23-0067	EA	3/4" x 3/4", Type 304, Stainless Steel, Male Connection	87.66	20.08
		For Work In Restricted Working Space, Add	*12.07*	
40 05 23 23-0068	EA	7/8" x 7/8", Type 304, Stainless Steel, Male Connection	130.09	22.32
		For Work In Restricted Working Space, Add	*13.36*	
40 05 23 23-0069	EA	1" x 1", Type 304, Stainless Steel, Male Connection	137.02	26.56
		For Work In Restricted Working Space, Add	*15.92*	
40 05 23 23-0070		**Type 304 Valves** *(40 05 23 23-0011)*		
40 05 23 23-0071		**Gate Valves** *(40 05 23 23-0070)*		
40 05 23 23-0072	EA	1/4" Gate Valve, Stainless Steel Type 304	233.67	20.08
		For Work In Restricted Working Space, Add	*10.89*	
40 05 23 23-0073	EA	3/8" Gate Valve, Stainless Steel Type 304	394.09	23.57
		For Work In Restricted Working Space, Add	*11.47*	
40 05 23 23-0074	EA	1/2" Gate Valve, Stainless Steel Type 304	408.93	26.56
		For Work In Restricted Working Space, Add	*15.92*	
40 05 23 23-0075	EA	3/4" Gate Valve, Stainless Steel Type 304	453.29	30.42
		For Work In Restricted Working Space, Add	*18.25*	
40 05 23 23-0076	EA	1" Gate Valve, Stainless Steel Type 304	415.72	40.27
		For Work In Restricted Working Space, Add	*24.13*	
40 05 23 23-0077		**Globe Valves** *(40 05 23 23-0070)*		
40 05 23 23-0078	EA	1/4" Globe Valve, Stainless Steel Type 304	236.90	20.08
		For Work In Restricted Working Space, Add	*10.89*	
40 05 23 23-0079	EA	3/8" Globe Valve, Stainless Steel Type 304	156.28	23.57
		For Work In Restricted Working Space, Add	*11.47*	
40 05 23 23-0080	EA	1/2" Globe Valve, Stainless Steel Type 304	281.02	26.56
		For Work In Restricted Working Space, Add	*15.92*	
40 05 23 23-0081	EA	3/4" Globe Valve, Stainless Steel Type 304	312.81	30.42
		For Work In Restricted Working Space, Add	*18.25*	
40 05 23 23-0082	EA	1" Globe Valve, Stainless Steel Type 304	456.43	40.27
		For Work In Restricted Working Space, Add	*24.13*	
40 05 23 23-0083		**Check Valves** *(40 05 23 23-0070)*		
40 05 23 23-0084	EA	1/4" Check Valve, Stainless Steel Type 304	331.93	20.08
		For Work In Restricted Working Space, Add	*10.89*	
40 05 23 23-0085	EA	3/8" Check Valve, Stainless Steel Type 304	333.84	23.57
		For Work In Restricted Working Space, Add	*11.47*	
40 05 23 23-0086	EA	1/2" Check Valve, Stainless Steel Type 304	218.30	26.56
		For Work In Restricted Working Space, Add	*15.92*	
40 05 23 23-0087	EA	3/4" Check Valve, Stainless Steel Type 304	228.47	30.42
		For Work In Restricted Working Space, Add	*18.25*	
40 05 23 23-0088	EA	1" Check Valve, Stainless Steel Type 304	252.87	40.27
		For Work In Restricted Working Space, Add	*24.13*	
40 05 23 23-0089		**Plug Valves** *(40 05 23 23-0070)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0090	EA	1/2" Plug Valve, Stainless Steel Type 304	513.45	26.56
		For Work In Restricted Working Space, Add	*15.92*	
40 05 23 23-0091	EA	3/4" Plug Valve, Stainless Steel Type 304	562.14	30.42
		For Work In Restricted Working Space, Add	*18.25*	
40 05 23 23-0092	EA	1" Plug Valve, Stainless Steel Type 304	636.31	40.27
		For Work In Restricted Working Space, Add	*24.13*	
40 05 23 23-0093	EA	1-1/2" Plug Valve, Stainless Steel Type 304	884.08	45.52
		For Work In Restricted Working Space, Add	*27.30*	
40 05 23 23-0094	EA	2" Plug Valve, Stainless Steel Type 304	1,151.16	62.35
		For Work In Restricted Working Space, Add	*37.41*	
40 05 23 23-0095		**Type 316 Tubing** *(40 05 23 23-0011)*		
40 05 23 23-0096		**0.035" Wall** *(40 05 23 23-0095)*		
40 05 23 23-0097	LF	1/4" Stainless Steel Tubing, Type 316, 0.035" Wall	9.11	3.36
		For Work In Restricted Working Space, Add	*2.00*	
40 05 23 23-0098	LF	3/8" Stainless Steel Tubing, Type 316, 0.035" Wall	11.79	3.99
		For Work In Restricted Working Space, Add	*2.40*	
40 05 23 23-0099	LF	1/2" Stainless Steel Tubing, Type 316, 0.035" Wall	13.15	4.74
		For Work In Restricted Working Space, Add	*2.81*	
40 05 23 23-0100	LF	5/8" Stainless Steel Tubing, Type 316, 0.035" Wall	21.83	5.37
		For Work In Restricted Working Space, Add	*3.21*	
40 05 23 23-0101	LF	3/4" Stainless Steel Tubing, Type 316, 0.035" Wall	24.77	5.98
		For Work In Restricted Working Space, Add	*3.62*	
40 05 23 23-0102	LF	7/8" Stainless Steel Tubing, Type 316, 0.035" Wall	31.29	6.74
		For Work In Restricted Working Space, Add	*4.02*	
40 05 23 23-0103	LF	1" Stainless Steel Tubing, Type 316, 0.035" Wall	33.03	8.10
		For Work In Restricted Working Space, Add	*4.83*	
40 05 23 23-0104		**0.049" Wall** *(40 05 23 23-0095)*		
40 05 23 23-0105	LF	1/4" Stainless Steel Tubing, Type 316, 0.049" Wall	15.61	3.99
		For Work In Restricted Working Space, Add	*2.40*	
40 05 23 23-0106	LF	3/8" Stainless Steel Tubing, Type 316, 0.049" Wall	17.37	4.74
		For Work In Restricted Working Space, Add	*2.81*	
40 05 23 23-0107	LF	1/2" Stainless Steel Tubing, Type 316, 0.049" Wall	20.44	5.37
		For Work In Restricted Working Space, Add	*3.21*	
40 05 23 23-0108	LF	5/8" Stainless Steel Tubing, Type 316, 0.049" Wall	26.62	6.74
		For Work In Restricted Working Space, Add	*4.02*	
40 05 23 23-0109	LF	3/4" Stainless Steel Tubing, Type 316, 0.049" Wall	30.79	8.10
		For Work In Restricted Working Space, Add	*4.83*	
40 05 23 23-0110	LF	7/8" Stainless Steel Tubing, Type 316, 0.049" Wall	39.11	9.35
		For Work In Restricted Working Space, Add	*5.63*	
40 05 23 23-0111	LF	1" Stainless Steel Tubing, Type 316, 0.049" Wall	40.14	10.60
		For Work In Restricted Working Space, Add	*6.39*	
40 05 23 23-0112		**0.065" Wall** *(40 05 23 23-0095)*		
40 05 23 23-0113	LF	1/4" Stainless Steel Tubing, Type 316, 0.065" Wall	18.26	4.74
		For Work In Restricted Working Space, Add	*2.81*	
40 05 23 23-0114	LF	3/8" Stainless Steel Tubing, Type 316, 0.065" Wall	20.39	5.37
		For Work In Restricted Working Space, Add	*3.21*	
40 05 23 23-0115	LF	1/2" Stainless Steel Tubing, Type 316, 0.065" Wall	25.58	6.74
		For Work In Restricted Working Space, Add	*4.02*	
40 05 23 23-0116	LF	5/8" Stainless Steel Tubing, Type 316, 0.065" Wall	30.49	8.10
		For Work In Restricted Working Space, Add	*4.83*	
40 05 23 23-0117	LF	3/4" Stainless Steel Tubing, Type 316, 0.065" Wall	36.88	9.35
		For Work In Restricted Working Space, Add	*5.63*	
40 05 23 23-0118	LF	7/8" Stainless Steel Tubing, Type 316, 0.065" Wall	40.68	10.60
		For Work In Restricted Working Space, Add	*6.39*	
40 05 23 23-0119	LF	1" Stainless Steel Tubing, Type 316, 0.065" Wall	47.33	11.97
		For Work In Restricted Working Space, Add	*7.19*	
40 05 23 23-0120		**Type 316 Tube Fittings** *(40 05 23 23-0011)*		
40 05 23 23-0121		**90 Degree Elbows** *(40 05 23 23-0120)*		
40 05 23 23-0122	EA	1/4" 90 Degree Elbow, Stainless Steel Type 316	72.51	13.47
		For Work In Restricted Working Space, Add	*8.04*	
40 05 23 23-0123	EA	3/8" 90 Degree Elbow, Stainless Steel Type 316	86.97	14.71
		For Work In Restricted Working Space, Add	*8.80*	
40 05 23 23-0124	EA	1/2" 90 Degree Elbow, Stainless Steel Type 316	136.58	16.58
		For Work In Restricted Working Space, Add	*9.98*	
40 05 23 23-0125	EA	5/8" 90 Degree Elbow, Stainless Steel Type 316	145.02	18.57
		For Work In Restricted Working Space, Add	*11.17*	
40 05 23 23-0126	EA	3/4" 90 Degree Elbow, Stainless Steel Type 316	162.92	20.08
		For Work In Restricted Working Space, Add	*12.07*	
40 05 23 23-0127	EA	7/8" 90 Degree Elbow, Stainless Steel Type 316	227.84	22.32
		For Work In Restricted Working Space, Add	*13.36*	
40 05 23 23-0128	EA	1" 90 Degree Elbow, Stainless Steel Type 316	292.00	26.56
		For Work In Restricted Working Space, Add	*15.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0129		**Union Tees** *(40 05 23 23-0120)*		
40 05 23 23-0130	EA	1/4" Union Tee, Stainless Steel Type 316	116.23	20.08
		For Work In Restricted Working Space, Add	*12.07*	
40 05 23 23-0131	EA	3/8" Union Tee, Stainless Steel Type 316	143.14	22.32
		For Work In Restricted Working Space, Add	*13.36*	
40 05 23 23-0132	EA	1/2" Union Tee, Stainless Steel Type 316	201.15	24.94
		For Work In Restricted Working Space, Add	*14.96*	
40 05 23 23-0133	EA	5/8" Union Tee, Stainless Steel Type 316	214.90	28.30
		For Work In Restricted Working Space, Add	*17.00*	
40 05 23 23-0134	EA	3/4" Union Tee, Stainless Steel Type 316	280.40	30.42
		For Work In Restricted Working Space, Add	*18.25*	
40 05 23 23-0135	EA	7/8" Union Tee, Stainless Steel Type 316	460.34	33.67
		For Work In Restricted Working Space, Add	*20.22*	
40 05 23 23-0136	EA	1" Union Tee, Stainless Steel Type 316	551.87	40.27
		For Work In Restricted Working Space, Add	*24.13*	
40 05 23 23-0137		**Unions** *(40 05 23 23-0120)*		
40 05 23 23-0138	EA	1/4" Union, Stainless Steel Type 316	75.99	20.08
		For Work In Restricted Working Space, Add	*12.07*	
40 05 23 23-0139	EA	3/8" Union, Stainless Steel Type 316	96.69	22.32
		For Work In Restricted Working Space, Add	*13.36*	
40 05 23 23-0140	EA	1/2" Union, Stainless Steel Type 316	128.37	24.94
		For Work In Restricted Working Space, Add	*14.96*	
40 05 23 23-0141	EA	5/8" Union, Stainless Steel Type 316	155.54	28.30
		For Work In Restricted Working Space, Add	*17.00*	
40 05 23 23-0142	EA	3/4" Union, Stainless Steel Type 316	184.03	30.42
		For Work In Restricted Working Space, Add	*18.25*	
40 05 23 23-0143	EA	7/8" Union, Stainless Steel Type 316	277.04	33.67
		For Work In Restricted Working Space, Add	*20.22*	
40 05 23 23-0144	EA	1" Union, Stainless Steel Type 316	296.78	40.27
		For Work In Restricted Working Space, Add	*24.13*	
40 05 23 23-0145		**Male Connectors** *(40 05 23 23-0120)*		
40 05 23 23-0146	EA	1/4" x 1/4" Male Connector, Stainless Steel Type 316	50.65	13.47
		For Work In Restricted Working Space, Add	*8.04*	
40 05 23 23-0147	EA	3/8" x 3/8" Male Connector, Stainless Steel Type 316	65.36	14.71
		For Work In Restricted Working Space, Add	*8.80*	
40 05 23 23-0148	EA	1/2" x 1/2" Male Connector, Stainless Steel Type 316	87.15	16.58
		For Work In Restricted Working Space, Add	*9.98*	
40 05 23 23-0149	EA	5/8" x 5/8" Male Connector, Stainless Steel Type 316	98.32	18.57
		For Work In Restricted Working Space, Add	*11.17*	
40 05 23 23-0150	EA	3/4" x 3/4" Male Connector, Stainless Steel Type 316	121.19	20.08
		For Work In Restricted Working Space, Add	*12.07*	
40 05 23 23-0151	EA	7/8" x 7/8" Male Connector, Stainless Steel Type 316	190.58	22.32
		For Work In Restricted Working Space, Add	*13.36*	
40 05 23 23-0152	EA	1" x 1" Male Connector, Stainless Steel Type 316	196.38	26.56
		For Work In Restricted Working Space, Add	*15.92*	
40 05 23 23-0153		**Type 316 Valves** *(40 05 23 23-0011)*		
40 05 23 23-0154		**Gate Valves** *(40 05 23 23-0153)*		
40 05 23 23-0155	EA	1/4" Gate Valve, Stainless Steel Type 316	297.39	20.08
		For Work In Restricted Working Space, Add	*10.89*	
40 05 23 23-0156	EA	3/8" Gate Valve, Stainless Steel Type 316	508.99	23.57
		For Work In Restricted Working Space, Add	*11.47*	
40 05 23 23-0157	EA	1/2" Gate Valve, Stainless Steel Type 316	523.83	26.56
		For Work In Restricted Working Space, Add	*15.92*	
40 05 23 23-0158	EA	3/4" Gate Valve, Stainless Steel Type 316	580.01	30.42
		For Work In Restricted Working Space, Add	*18.25*	
40 05 23 23-0159	EA	1" Gate Valve, Stainless Steel Type 316	523.97	40.27
		For Work In Restricted Working Space, Add	*24.13*	
40 05 23 23-0160	EA	1-1/4" Gate Valve, Stainless Steel Type 316	720.98	41.77
		For Work In Restricted Working Space, Add	*25.06*	
40 05 23 23-0161	EA	1-1/2" Gate Valve, Stainless Steel Type 316	1,160.23	45.52
		For Work In Restricted Working Space, Add	*27.30*	
40 05 23 23-0162	EA	2" Gate Valve, Stainless Steel Type 316	1,379.24	62.35
		For Work In Restricted Working Space, Add	*37.41*	
40 05 23 23-0163	EA	2-1/2" Gate Valve, Stainless Steel Type 316	2,038.60	199.63
		For Work In Restricted Working Space, Add	*119.74*	
40 05 23 23-0164		**Globe Valves** *(40 05 23 23-0153)*		
40 05 23 23-0165	EA	1/4" Globe Valve, Stainless Steel Type 316	301.67	20.08
		For Work In Restricted Working Space, Add	*10.89*	
40 05 23 23-0166	EA	3/8" Globe Valve, Stainless Steel Type 316	194.41	23.57
		For Work In Restricted Working Space, Add	*11.47*	
40 05 23 23-0167	EA	1/2" Globe Valve, Stainless Steel Type 316	354.63	26.56
		For Work In Restricted Working Space, Add	*15.92*	
40 05 23 23-0168	EA	3/4" Globe Valve, Stainless Steel Type 316	394.17	30.42
		For Work In Restricted Working Space, Add	*18.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0169	EA	1" Globe Valve, Stainless Steel Type 316	577.82	40.27
		For Work In Restricted Working Space, Add	*24.13*	
40 05 23 23-0170	EA	1-1/4" Globe Valve, Stainless Steel Type 316	722.42	41.52
		For Work In Restricted Working Space, Add	*24.88*	
40 05 23 23-0171	EA	1-1/2" Globe Valve, Stainless Steel Type 316	1,203.00	45.52
		For Work In Restricted Working Space, Add	*27.30*	
40 05 23 23-0172	EA	2" Globe Valve, Stainless Steel Type 316	1,422.01	62.35
		For Work In Restricted Working Space, Add	*37.41*	
40 05 23 23-0173	EA	2-1/2" Globe Valve, Stainless Steel Type 316	1,767.73	199.63
		For Work In Restricted Working Space, Add	*119.74*	
40 05 23 23-0174		**Check Valves** *(40 05 23 23-0153)*		
40 05 23 23-0175	EA	1/4" Check Valve, Stainless Steel Type 316	427.37	20.08
		For Work In Restricted Working Space, Add	*10.89*	
40 05 23 23-0176	EA	3/8" Check Valve, Stainless Steel Type 316	429.28	23.57
		For Work In Restricted Working Space, Add	*11.47*	
40 05 23 23-0177	EA	1/2" Check Valve, Stainless Steel Type 316	271.66	26.56
		For Work In Restricted Working Space, Add	*15.92*	
40 05 23 23-0178	EA	3/4" Check Valve, Stainless Steel Type 316	282.59	30.42
		For Work In Restricted Working Space, Add	*18.25*	
40 05 23 23-0179	EA	1" Check Valve, Stainless Steel Type 316	308.54	40.27
		For Work In Restricted Working Space, Add	*24.13*	
40 05 23 23-0180	EA	1-1/4" Check Valve, Stainless Steel Type 316	428.26	41.77
		For Work In Restricted Working Space, Add	*25.06*	
40 05 23 23-0181	EA	1-1/2" Check Valve, Stainless Steel Type 316	960.64	45.52
		For Work In Restricted Working Space, Add	*27.30*	
40 05 23 23-0182	EA	2" Check Valve, Stainless Steel Type 316	1,165.40	62.35
		For Work In Restricted Working Space, Add	*37.41*	
40 05 23 23-0183	EA	2-1/2" Check Valve, Stainless Steel Type 316	2,299.96	199.63
		For Work In Restricted Working Space, Add	*119.74*	
40 05 23 23-0184		**Diaphragm Valves, Ethylene Propylene Diene Monomer (EPDM) Lined** *(40 05 23 23-0153)*		
40 05 23 23-0185	EA	1/2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	458.34	26.56
		For Work In Restricted Working Space, Add	*15.92*	
40 05 23 23-0186	EA	3/4" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	535.50	30.42
		For Work In Restricted Working Space, Add	*18.25*	
40 05 23 23-0187	EA	1" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	682.80	40.27
		For Work In Restricted Working Space, Add	*24.13*	
40 05 23 23-0188	EA	1-1/2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	1,090.32	45.52
		For Work In Restricted Working Space, Add	*27.30*	
40 05 23 23-0189	EA	2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	1,523.73	62.35
		For Work In Restricted Working Space, Add	*37.41*	
40 05 23 23-0190		**Diaphragm Valves, Teflon Lined** *(40 05 23 23-0153)*		
40 05 23 23-0191	EA	1/2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	608.23	26.56
		For Work In Restricted Working Space, Add	*15.92*	
40 05 23 23-0192	EA	3/4" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	699.28	30.42
		For Work In Restricted Working Space, Add	*18.25*	
40 05 23 23-0193	EA	1" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	846.58	40.27
		For Work In Restricted Working Space, Add	*24.13*	
40 05 23 23-0194	EA	1-1/2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	1,320.71	45.52
		For Work In Restricted Working Space, Add	*27.30*	
40 05 23 23-0195	EA	2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	1,798.53	62.35
		For Work In Restricted Working Space, Add	*37.41*	
40 05 23 23-0196		**Strainers** *(40 05 23 23-0153)*		
40 05 23 23-0197	EA	1/2" Strainer, Stainless Steel Type 316	609.68	26.56
		For Work In Restricted Working Space, Add	*15.92*	
40 05 23 23-0198	EA	3/4" Strainer, Stainless Steel Type 316	729.79	30.55
		For Work In Restricted Working Space, Add	*18.33*	
40 05 23 23-0199	EA	1" Strainer, Stainless Steel Type 316	954.80	40.52
		For Work In Restricted Working Space, Add	*24.32*	
40 05 23 23-0200	EA	1-1/4" Strainer, Stainless Steel Type 316	1,186.71	41.77
		For Work In Restricted Working Space, Add	*25.07*	
40 05 23 23-0201	EA	1-1/2" Strainer, Stainless Steel Type 316	1,490.42	45.52
		For Work In Restricted Working Space, Add	*27.31*	
40 05 23 23-0202	EA	2" Strainer, Stainless Steel Type 316	2,149.81	62.35
		For Work In Restricted Working Space, Add	*37.41*	
40 05 23 23-0203	EA	2-1/2" Strainer, Stainless Steel Type 316	2,954.80	82.92
		For Work In Restricted Working Space, Add	*49.76*	
40 05 23 23-0204	EA	3" Strainer, Stainless Steel Type 316	4,302.48	124.69
		For Work In Restricted Working Space, Add	*74.81*	
40 05 23 23-0205	EA	4" Strainer, Stainless Steel Type 316	5,501.98	199.50
		For Work In Restricted Working Space, Add	*119.69*	
40 05 23 23-0206		**Plug Valves** *(40 05 23 23-0153)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0207	EA	1/2" Plug Valve, Stainless Steel Type 316	649.91	26.56
		For Work In Restricted Working Space, Add	*15.92*	
40 05 23 23-0208	EA	3/4" Plug Valve, Stainless Steel Type 316	710.73	30.42
		For Work In Restricted Working Space, Add	*18.25*	
40 05 23 23-0209	EA	1" Plug Valve, Stainless Steel Type 316	801.08	40.27
		For Work In Restricted Working Space, Add	*24.13*	
40 05 23 23-0210	EA	1-1/2" Plug Valve, Stainless Steel Type 316	1,119.16	45.52
		For Work In Restricted Working Space, Add	*27.30*	
40 05 23 23-0211	EA	2" Plug Valve, Stainless Steel Type 316	1,455.42	62.35
		For Work In Restricted Working Space, Add	*37.41*	

40 05 23 23-0212 Stainless Steel Pipe And Fittings *(40 05 23 23)*

40 05 23 23-0213 Type 304, Schedule 40 Stainless Steel Pipe And 150 Lb. Threaded Fittings *(40 05 23 23-0212)*

40 05 23 23-0214 Type 304, Schedule 40 Stainless Steel Threaded Pipe *(40 05 23 23-0213)*

40 05 23 23-0215	LF	1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 Lb. Threaded Fitting	16.48	5.37
		For Work In Restricted Working Space, Add	*3.21*	
40 05 23 23-0216	LF	3/4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 Lb. Threaded Fitting	20.35	6.74
		For Work In Restricted Working Space, Add	*4.02*	
40 05 23 23-0217	LF	1" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 Lb. Threaded Fitting	24.91	8.10
		For Work In Restricted Working Space, Add	*4.83*	
40 05 23 23-0218	LF	1-1/4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 Lb. Threaded Fitting	29.77	9.35
		For Work In Restricted Working Space, Add	*5.63*	
40 05 23 23-0219	LF	1-1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 Lb. Threaded Fitting	34.34	10.60
		For Work In Restricted Working Space, Add	*6.39*	
40 05 23 23-0220	LF	2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 Lb. Threaded Fitting	43.76	13.47
		For Work In Restricted Working Space, Add	*8.04*	
40 05 23 23-0221	LF	2-1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 Lb. Threaded Fitting	58.15	15.96
		For Work In Restricted Working Space, Add	*9.59*	
40 05 23 23-0222	LF	3" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 Lb. Threaded Fitting	73.10	20.08
		For Work In Restricted Working Space, Add	*12.07*	
40 05 23 23-0223	LF	4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 Lb. Threaded Fitting	98.57	26.56
		For Work In Restricted Working Space, Add	*15.92*	

40 05 23 23-0224 150 Lb., Type 304 Stainless Steel Threaded 90 Degree Elbows *(40 05 23 23-0213)*

40 05 23 23-0225	EA	1/2", 150 Lb., Type 304 Stainless Steel Threaded 90 Degree Elbow	44.39	20.08
		For Work In Restricted Working Space, Add	*12.07*	
40 05 23 23-0226	EA	3/4", 150 Lb., Type 304 Stainless Steel Threaded 90 Degree Elbow	59.01	26.56
		For Work In Restricted Working Space, Add	*15.92*	
40 05 23 23-0227	EA	1", 150 Lb., Type 304 Stainless Steel Threaded 90 Degree Elbow	76.08	33.67
		For Work In Restricted Working Space, Add	*20.22*	
40 05 23 23-0228	EA	1-1/4", 150 Lb., Type 304 Stainless Steel Threaded 90 Degree Elbow	107.18	46.14
		For Work In Restricted Working Space, Add	*27.71*	
40 05 23 23-0229	EA	1-1/2", 150 Lb., Type 304 Stainless Steel Threaded 90 Degree Elbow	128.16	54.24
		For Work In Restricted Working Space, Add	*32.53*	
40 05 23 23-0230	EA	2", 150 Lb., Type 304 Stainless Steel Threaded 90 Degree Elbow	156.30	65.59
		For Work In Restricted Working Space, Add	*39.38*	
40 05 23 23-0231	EA	2-1/2", 150 Lb., Type 304 Stainless Steel Threaded 90 Degree Elbow	264.86	103.87
		For Work In Restricted Working Space, Add	*62.35*	
40 05 23 23-0232	EA	3", 150 Lb., Type 304 Stainless Steel Threaded 90 Degree Elbow	340.81	134.04
		For Work In Restricted Working Space, Add	*80.45*	
40 05 23 23-0233	EA	4", 150 Lb., Type 304 Stainless Steel Threaded 90 Degree Elbow	474.31	166.21
		For Work In Restricted Working Space, Add	*99.75*	

40 05 23 23-0234 150 Lb., Type 304 Stainless Steel Threaded 45 Degree Elbows *(40 05 23 23-0213)*

40 05 23 23-0235	EA	1/2", 150 Lb., Type 304 Stainless Steel Threaded 45 Degree Elbow	45.35	20.08
		For Work In Restricted Working Space, Add	*12.07*	
40 05 23 23-0236	EA	3/4", 150 Lb., Type 304 Stainless Steel Threaded 45 Degree Elbow	60.56	26.56
		For Work In Restricted Working Space, Add	*15.92*	
40 05 23 23-0237	EA	1", 150 Lb., Type 304 Stainless Steel Threaded 45 Degree Elbow	76.56	33.67
		For Work In Restricted Working Space, Add	*20.22*	
40 05 23 23-0238	EA	1-1/4", 150 Lb., Type 304 Stainless Steel Threaded 45 Degree Elbow	106.99	46.14
		For Work In Restricted Working Space, Add	*27.71*	
40 05 23 23-0239	EA	1-1/2", 150 Lb., Type 304 Stainless Steel Threaded 45 Degree Elbow	125.87	54.24
		For Work In Restricted Working Space, Add	*32.53*	
40 05 23 23-0240	EA	2", 150 Lb., Type 304 Stainless Steel Threaded 45 Degree Elbow	155.76	65.59
		For Work In Restricted Working Space, Add	*39.38*	
40 05 23 23-0241	EA	2-1/2", 150 Lb., Type 304 Stainless Steel Threaded 45 Degree Elbow	275.25	103.87
		For Work In Restricted Working Space, Add	*62.35*	
40 05 23 23-0242	EA	3", 150 Lb., Type 304 Stainless Steel Threaded 45 Degree Elbow	361.08	134.04
		For Work In Restricted Working Space, Add	*80.45*	
40 05 23 23-0243	EA	4", 150 Lb., Type 304 Stainless Steel Threaded 45 Degree Elbow	497.91	166.21
		For Work In Restricted Working Space, Add	*99.75*	

40 05 23 23-0244 150 Lb., Type 304 Stainless Steel Threaded Tees *(40 05 23 23-0213)*

40 05 23 23-0245	EA	1/2", 150 Lb., Type 304 Stainless Steel Threaded Tee	66.49	30.42
		For Work In Restricted Working Space, Add	*18.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0246	EA	3/4", 150 Lb., Type 304 Stainless Steel Threaded Tee	89.41	40.27
		For Work In Restricted Working Space, Add	*24.13*	
40 05 23 23-0247	EA	1", 150 Lb., Type 304 Stainless Steel Threaded Tee	111.18	49.88
		For Work In Restricted Working Space, Add	*29.93*	
40 05 23 23-0248	EA	1-1/4", 150 Lb., Type 304 Stainless Steel Threaded Tee	161.26	69.33
		For Work In Restricted Working Space, Add	*41.56*	
40 05 23 23-0249	EA	1-1/2", 150 Lb., Type 304 Stainless Steel Threaded Tee	184.11	77.93
		For Work In Restricted Working Space, Add	*46.76*	
40 05 23 23-0250	EA	2", 150 Lb., Type 304 Stainless Steel Threaded Tee	244.11	103.87
		For Work In Restricted Working Space, Add	*62.35*	
40 05 23 23-0251	EA	2-1/2", 150 Lb., Type 304 Stainless Steel Threaded Tee	378.27	150.25
		For Work In Restricted Working Space, Add	*90.14*	
40 05 23 23-0252	EA	3", 150 Lb., Type 304 Stainless Steel Threaded Tee	514.36	201.12
		For Work In Restricted Working Space, Add	*120.67*	
40 05 23 23-0253	EA	4", 150 Lb., Type 304 Stainless Steel Threaded Tee	701.29	249.38
		For Work In Restricted Working Space, Add	*149.63*	

40 05 23 23-0254 150 Lb., Type 304 Stainless Steel Threaded Reducers *(40 05 23 23-0213)*

40 05 23 23-0255	EA	3/4", 150 Lb., Type 304 Stainless Steel Threaded Reducer	58.29	26.56
		For Work In Restricted Working Space, Add	*15.92*	
40 05 23 23-0256	EA	1", 150 Lb., Type 304 Stainless Steel Threaded Reducer	74.56	33.67
		For Work In Restricted Working Space, Add	*20.22*	
40 05 23 23-0257	EA	1-1/4", 150 Lb., Type 304 Stainless Steel Threaded Reducer	102.83	46.14
		For Work In Restricted Working Space, Add	*27.71*	
40 05 23 23-0258	EA	1-1/2", 150 Lb., Type 304 Stainless Steel Threaded Reducer	123.49	54.24
		For Work In Restricted Working Space, Add	*32.53*	
40 05 23 23-0259	EA	2", 150 Lb., Type 304 Stainless Steel Threaded Reducer	156.40	65.59
		For Work In Restricted Working Space, Add	*39.38*	
40 05 23 23-0260	EA	2-1/2", 150 Lb., Type 304 Stainless Steel Threaded Reducer	261.79	103.87
		For Work In Restricted Working Space, Add	*62.35*	
40 05 23 23-0261	EA	3", 150 Lb., Type 304 Stainless Steel Threaded Reducer	345.00	134.04
		For Work In Restricted Working Space, Add	*80.45*	
40 05 23 23-0262	EA	4", 150 Lb., Type 304 Stainless Steel Threaded Reducer	459.81	166.21
		For Work In Restricted Working Space, Add	*99.75*	

40 05 23 23-0263 150 Lb., Type 304 Stainless Steel Threaded Caps *(40 05 23 23-0213)*

40 05 23 23-0264	EA	1/2", 150 Lb., Type 304 Stainless Steel Threaded Cap	22.90	10.10
		For Work In Restricted Working Space, Add	*6.04*	
40 05 23 23-0265	EA	3/4", 150 Lb., Type 304 Stainless Steel Threaded Cap	30.28	13.47
		For Work In Restricted Working Space, Add	*8.04*	
40 05 23 23-0266	EA	1", 150 Lb., Type 304 Stainless Steel Threaded Cap	38.46	16.58
		For Work In Restricted Working Space, Add	*9.98*	
40 05 23 23-0267	EA	1-1/4", 150 Lb., Type 304 Stainless Steel Threaded Cap	56.49	23.57
		For Work In Restricted Working Space, Add	*14.12*	
40 05 23 23-0268	EA	1-1/2", 150 Lb., Type 304 Stainless Steel Threaded Cap	65.42	26.56
		For Work In Restricted Working Space, Add	*15.92*	
40 05 23 23-0269	EA	2", 150 Lb., Type 304 Stainless Steel Threaded Cap	83.16	33.67
		For Work In Restricted Working Space, Add	*20.22*	
40 05 23 23-0270	EA	2-1/2", 150 Lb., Type 304 Stainless Steel Threaded Cap	128.19	49.88
		For Work In Restricted Working Space, Add	*29.93*	
40 05 23 23-0271	EA	3", 150 Lb., Type 304 Stainless Steel Threaded Cap	170.56	65.59
		For Work In Restricted Working Space, Add	*39.38*	
40 05 23 23-0272	EA	4", 150 Lb., Type 304 Stainless Steel Threaded Cap	232.78	83.17
		For Work In Restricted Working Space, Add	*49.88*	

40 05 23 23-0273 150 Lb., Type 304 Stainless Steel Threaded Unions *(40 05 23 23-0213)*

40 05 23 23-0274	EA	1/2", 150 Lb., Type 304 Stainless Steel Threaded Union	72.53	30.42
		For Work In Restricted Working Space, Add	*18.25*	
40 05 23 23-0275	EA	3/4", 150 Lb., Type 304 Stainless Steel Threaded Union	95.26	40.27
		For Work In Restricted Working Space, Add	*24.13*	
40 05 23 23-0276	EA	1", 150 Lb., Type 304 Stainless Steel Threaded Union	122.13	49.88
		For Work In Restricted Working Space, Add	*29.93*	
40 05 23 23-0277	EA	1-1/4", 150 Lb., Type 304 Stainless Steel Threaded Union	177.37	69.33
		For Work In Restricted Working Space, Add	*41.56*	
40 05 23 23-0278	EA	1-1/2", 150 Lb., Type 304 Stainless Steel Threaded Union	199.73	77.93
		For Work In Restricted Working Space, Add	*46.76*	
40 05 23 23-0279	EA	2", 150 Lb., Type 304 Stainless Steel Threaded Union	260.37	103.87
		For Work In Restricted Working Space, Add	*62.35*	
40 05 23 23-0280	EA	2-1/2", 150 Lb., Type 304 Stainless Steel Threaded Union	454.06	155.86
		For Work In Restricted Working Space, Add	*93.52*	
40 05 23 23-0281	EA	3", 150 Lb., Type 304 Stainless Steel Threaded Union	581.49	201.12
		For Work In Restricted Working Space, Add	*120.68*	
40 05 23 23-0282	EA	4", 150 Lb., Type 304 Stainless Steel Threaded Union	623.49	166.28
		For Work In Restricted Working Space, Add	*99.77*	

40 05 23 23-0283 150 Lb., Type 304 Stainless Steel Threaded Couplings *(40 05 23 23-0213)*

40 05 23 23-0284	EA	1/2", 150 Lb., Type 304 Stainless Steel Threaded Coupling	43.99	20.08
		For Work In Restricted Working Space, Add	*12.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0285	EA	3/4", 150 Lb., Type 304 Stainless Steel Threaded Coupling	58.48	26.56
		For Work In Restricted Working Space, Add	*15.92*	
40 05 23 23-0286	EA	1", 150 Lb., Type 304 Stainless Steel Threaded Coupling	75.65	33.67
		For Work In Restricted Working Space, Add	*20.22*	
40 05 23 23-0287	EA	1-1/4", 150 Lb., Type 304 Stainless Steel Threaded Coupling	105.47	46.14
		For Work In Restricted Working Space, Add	*27.71*	
40 05 23 23-0288	EA	1-1/2", 150 Lb., Type 304 Stainless Steel Threaded Coupling	124.00	54.24
		For Work In Restricted Working Space, Add	*32.53*	
40 05 23 23-0289	EA	2", 150 Lb., Type 304 Stainless Steel Threaded Coupling	153.20	65.59
		For Work In Restricted Working Space, Add	*39.38*	
40 05 23 23-0290	EA	2-1/2", 150 Lb., Type 304 Stainless Steel Threaded Coupling	255.99	103.87
		For Work In Restricted Working Space, Add	*62.35*	
40 05 23 23-0291	EA	3", 150 Lb., Type 304 Stainless Steel Threaded Coupling	330.42	134.04
		For Work In Restricted Working Space, Add	*80.45*	
40 05 23 23-0292	EA	4", 150 Lb., Type 304 Stainless Steel Threaded Coupling	429.28	166.21
		For Work In Restricted Working Space, Add	*99.75*	

40 05 23 23-0293 Type 316, Schedule 40 Stainless Steel Pipe And 150 Lb. Threaded Fittings
(40 05 23 23-0212)

40 05 23 23-0294 Type 316, Schedule 40 Stainless Steel Threaded Pipe *(40 05 23 23-0293)*

40 05 23 23-0295	LF	1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 Lb. Threaded Fitting	19.53	5.37
		For Work In Restricted Working Space, Add	*3.21*	
40 05 23 23-0296	LF	3/4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 Lb. Threaded Fitting	23.36	6.74
		For Work In Restricted Working Space, Add	*4.02*	
40 05 23 23-0297	LF	1" Pipe, Stainless Steel Schedule 40 Type 316 For 150 Lb. Threaded Fitting	29.24	8.10
		For Work In Restricted Working Space, Add	*4.83*	
40 05 23 23-0298	LF	1-1/4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 Lb. Threaded Fitting	35.43	9.35
		For Work In Restricted Working Space, Add	*5.63*	
40 05 23 23-0299	LF	1-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 Lb. Threaded Fitting	41.05	10.60
		For Work In Restricted Working Space, Add	*6.39*	
40 05 23 23-0300	LF	2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 Lb. Threaded Fitting	52.74	13.47
		For Work In Restricted Working Space, Add	*8.04*	
40 05 23 23-0301	LF	2-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 Lb. Threaded Fitting	70.70	15.96
		For Work In Restricted Working Space, Add	*9.59*	
40 05 23 23-0302	LF	3" Pipe, Stainless Steel Schedule 40 Type 316 For 150 Lb. Threaded Fitting	91.80	20.08
		For Work In Restricted Working Space, Add	*12.07*	
40 05 23 23-0303	LF	4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 Lb. Threaded Fitting	122.92	26.56
		For Work In Restricted Working Space, Add	*15.92*	

40 05 23 23-0304 150 Lb., Type 316 Stainless Steel Threaded 90 Degree Elbows *(40 05 23 23-0293)*

40 05 23 23-0305	EA	1/2", 150 Lb., Type 316 Stainless Steel Threaded 90 Degree Elbow	45.64	20.08
		For Work In Restricted Working Space, Add	*12.07*	
40 05 23 23-0306	EA	3/4", 150 Lb., Type 316 Stainless Steel Threaded 90 Degree Elbow	60.88	26.56
		For Work In Restricted Working Space, Add	*15.92*	
40 05 23 23-0307	EA	1", 150 Lb., Type 316 Stainless Steel Threaded 90 Degree Elbow	77.23	33.67
		For Work In Restricted Working Space, Add	*20.22*	
40 05 23 23-0308	EA	1-1/4", 150 Lb., Type 316 Stainless Steel Threaded 90 Degree Elbow	109.24	46.14
		For Work In Restricted Working Space, Add	*27.71*	
40 05 23 23-0309	EA	1-1/2", 150 Lb., Type 316 Stainless Steel Threaded 90 Degree Elbow	130.91	54.24
		For Work In Restricted Working Space, Add	*32.53*	
40 05 23 23-0310	EA	2", 150 Lb., Type 316 Stainless Steel Threaded 90 Degree Elbow	159.69	65.59
		For Work In Restricted Working Space, Add	*39.38*	
40 05 23 23-0311	EA	2-1/2", 150 Lb., Type 316 Stainless Steel Threaded 90 Degree Elbow	270.28	103.87
		For Work In Restricted Working Space, Add	*62.35*	
40 05 23 23-0312	EA	3", 150 Lb., Type 316 Stainless Steel Threaded 90 Degree Elbow	354.08	134.04
		For Work In Restricted Working Space, Add	*80.45*	
40 05 23 23-0313	EA	4", 150 Lb., Type 316 Stainless Steel Threaded 90 Degree Elbow	490.44	166.21
		For Work In Restricted Working Space, Add	*99.75*	

40 05 23 23-0314 150 Lb., Type 316 Stainless Steel Threaded 45 Degree Elbows *(40 05 23 23-0293)*

40 05 23 23-0315	EA	1/2", 150 Lb., Type 316 Stainless Steel Threaded 45 Degree Elbow	46.66	20.08
		For Work In Restricted Working Space, Add	*12.07*	
40 05 23 23-0316	EA	3/4", 150 Lb., Type 316 Stainless Steel Threaded 45 Degree Elbow	61.52	26.56
		For Work In Restricted Working Space, Add	*15.92*	
40 05 23 23-0317	EA	1", 150 Lb., Type 316 Stainless Steel Threaded 45 Degree Elbow	77.97	33.67
		For Work In Restricted Working Space, Add	*20.22*	
40 05 23 23-0318	EA	1-1/4", 150 Lb., Type 316 Stainless Steel Threaded 45 Degree Elbow	109.02	46.14
		For Work In Restricted Working Space, Add	*27.71*	
40 05 23 23-0319	EA	1-1/2", 150 Lb., Type 316 Stainless Steel Threaded 45 Degree Elbow	128.24	54.24
		For Work In Restricted Working Space, Add	*32.53*	
40 05 23 23-0320	EA	2", 150 Lb., Type 316 Stainless Steel Threaded 45 Degree Elbow	158.94	65.59
		For Work In Restricted Working Space, Add	*39.38*	
40 05 23 23-0321	EA	2-1/2", 150 Lb., Type 316 Stainless Steel Threaded 45 Degree Elbow	280.35	103.87
		For Work In Restricted Working Space, Add	*62.35*	
40 05 23 23-0322	EA	3", 150 Lb., Type 316 Stainless Steel Threaded 45 Degree Elbow	372.83	134.04
		For Work In Restricted Working Space, Add	*80.45*	
40 05 23 23-0323	EA	4", 150 Lb., Type 316 Stainless Steel Threaded 45 Degree Elbow	529.61	166.21
		For Work In Restricted Working Space, Add	*99.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0324		**150 Lb., Type 316 Stainless Steel Threaded Tees** *(40 05 23 23-0293)*		
40 05 23 23-0325	EA	1/2", 150 Lb., Type 316 Stainless Steel Threaded Tee	67.83	30.42
		For Work In Restricted Working Space, Add	*18.25*	
40 05 23 23-0326	EA	3/4", 150 Lb., Type 316 Stainless Steel Threaded Tee	90.77	40.27
		For Work In Restricted Working Space, Add	*24.13*	
40 05 23 23-0327	EA	1", 150 Lb., Type 316 Stainless Steel Threaded Tee	112.70	49.88
		For Work In Restricted Working Space, Add	*29.93*	
40 05 23 23-0328	EA	1-1/4", 150 Lb., Type 316 Stainless Steel Threaded Tee	164.36	69.33
		For Work In Restricted Working Space, Add	*41.56*	
40 05 23 23-0329	EA	1-1/2", 150 Lb., Type 316 Stainless Steel Threaded Tee	187.18	77.93
		For Work In Restricted Working Space, Add	*46.76*	
40 05 23 23-0330	EA	2", 150 Lb., Type 316 Stainless Steel Threaded Tee	248.14	103.87
		For Work In Restricted Working Space, Add	*62.35*	
40 05 23 23-0331	EA	2-1/2", 150 Lb., Type 316 Stainless Steel Threaded Tee	394.75	150.25
		For Work In Restricted Working Space, Add	*90.14*	
40 05 23 23-0332	EA	3", 150 Lb., Type 316 Stainless Steel Threaded Tee	536.82	201.12
		For Work In Restricted Working Space, Add	*120.67*	
40 05 23 23-0333	EA	4", 150 Lb., Type 316 Stainless Steel Threaded Tee	718.03	249.38
		For Work In Restricted Working Space, Add	*149.63*	
40 05 23 23-0334		**150 Lb., Type 316 Stainless Steel Threaded Reducers** *(40 05 23 23-0293)*		
40 05 23 23-0335	EA	3/4", 150 Lb., Type 316 Stainless Steel Threaded Reducer	59.44	26.56
		For Work In Restricted Working Space, Add	*15.92*	
40 05 23 23-0336	EA	1", 150 Lb., Type 316 Stainless Steel Threaded Reducer	77.95	33.67
		For Work In Restricted Working Space, Add	*20.22*	
40 05 23 23-0337	EA	1-1/4", 150 Lb., Type 316 Stainless Steel Threaded Reducer	103.47	46.14
		For Work In Restricted Working Space, Add	*27.71*	
40 05 23 23-0338	EA	1-1/2", 150 Lb., Type 316 Stainless Steel Threaded Reducer	126.83	54.24
		For Work In Restricted Working Space, Add	*32.53*	
40 05 23 23-0339	EA	2", 150 Lb., Type 316 Stainless Steel Threaded Reducer	162.25	65.59
		For Work In Restricted Working Space, Add	*39.38*	
40 05 23 23-0340	EA	2-1/2", 150 Lb., Type 316 Stainless Steel Threaded Reducer	275.09	103.87
		For Work In Restricted Working Space, Add	*62.35*	
40 05 23 23-0341	EA	3", 150 Lb., Type 316 Stainless Steel Threaded Reducer	359.69	134.04
		For Work In Restricted Working Space, Add	*80.45*	
40 05 23 23-0342	EA	4", 150 Lb., Type 316 Stainless Steel Threaded Reducer	484.29	166.21
		For Work In Restricted Working Space, Add	*99.75*	
40 05 23 23-0343		**150 Lb., Type 316 Stainless Steel Threaded Caps** *(40 05 23 23-0293)*		
40 05 23 23-0344	EA	1/2", 150 Lb., Type 316 Stainless Steel Threaded Cap	23.64	10.10
		For Work In Restricted Working Space, Add	*6.04*	
40 05 23 23-0345	EA	3/4", 150 Lb., Type 316 Stainless Steel Threaded Cap	30.84	13.47
		For Work In Restricted Working Space, Add	*8.04*	
40 05 23 23-0346	EA	1", 150 Lb., Type 316 Stainless Steel Threaded Cap	39.45	16.58
		For Work In Restricted Working Space, Add	*9.98*	
40 05 23 23-0347	EA	1-1/4", 150 Lb., Type 316 Stainless Steel Threaded Cap	59.24	23.57
		For Work In Restricted Working Space, Add	*14.12*	
40 05 23 23-0348	EA	1-1/2", 150 Lb., Type 316 Stainless Steel Threaded Cap	68.68	26.56
		For Work In Restricted Working Space, Add	*15.92*	
40 05 23 23-0349	EA	2", 150 Lb., Type 316 Stainless Steel Threaded Cap	87.40	33.67
		For Work In Restricted Working Space, Add	*20.22*	
40 05 23 23-0350	EA	2-1/2", 150 Lb., Type 316 Stainless Steel Threaded Cap	135.21	49.88
		For Work In Restricted Working Space, Add	*29.93*	
40 05 23 23-0351	EA	3", 150 Lb., Type 316 Stainless Steel Threaded Cap	177.69	65.59
		For Work In Restricted Working Space, Add	*39.38*	
40 05 23 23-0352	EA	4", 150 Lb., Type 316 Stainless Steel Threaded Cap	246.93	83.17
		For Work In Restricted Working Space, Add	*49.88*	
40 05 23 23-0353		**150 Lb., Type 316 Stainless Steel Threaded Unions** *(40 05 23 23-0293)*		
40 05 23 23-0354	EA	1/2", 150 Lb., Type 316 Stainless Steel Threaded Union	74.13	30.42
		For Work In Restricted Working Space, Add	*18.25*	
40 05 23 23-0355	EA	3/4", 150 Lb., Type 316 Stainless Steel Threaded Union	101.32	40.27
		For Work In Restricted Working Space, Add	*24.13*	
40 05 23 23-0356	EA	1", 150 Lb., Type 316 Stainless Steel Threaded Union	125.20	49.88
		For Work In Restricted Working Space, Add	*29.93*	
40 05 23 23-0357	EA	1-1/4", 150 Lb., Type 316 Stainless Steel Threaded Union	182.57	69.33
		For Work In Restricted Working Space, Add	*41.56*	
40 05 23 23-0358	EA	1-1/2", 150 Lb., Type 316 Stainless Steel Threaded Union	205.82	77.93
		For Work In Restricted Working Space, Add	*46.76*	
40 05 23 23-0359	EA	2", 150 Lb., Type 316 Stainless Steel Threaded Union	267.42	103.87
		For Work In Restricted Working Space, Add	*62.35*	
40 05 23 23-0360	EA	2-1/2", 150 Lb., Type 316 Stainless Steel Threaded Union	464.88	155.86
		For Work In Restricted Working Space, Add	*93.52*	
40 05 23 23-0361	EA	3", 150 Lb., Type 316 Stainless Steel Threaded Union	615.19	201.12
		For Work In Restricted Working Space, Add	*120.68*	
40 05 23 23-0362	EA	4", 150 Lb., Type 316 Stainless Steel Threaded Union	695.32	166.28
		For Work In Restricted Working Space, Add	*99.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0363		**150 Lb., Type 316 Stainless Steel Threaded Couplings** *(40 05 23 23-0293)*		
40 05 23 23-0364	EA	1/2", 150 Lb., Type 316 Stainless Steel Threaded Coupling	46.52	20.08
		For Work In Restricted Working Space, Add	*12.07*	
40 05 23 23-0365	EA	3/4", 150 Lb., Type 316 Stainless Steel Threaded Coupling	59.66	26.56
		For Work In Restricted Working Space, Add	*15.92*	
40 05 23 23-0366	EA	1", 150 Lb., Type 316 Stainless Steel Threaded Coupling	76.77	33.67
		For Work In Restricted Working Space, Add	*20.22*	
40 05 23 23-0367	EA	1-1/4", 150 Lb., Type 316 Stainless Steel Threaded Coupling	107.26	46.14
		For Work In Restricted Working Space, Add	*27.71*	
40 05 23 23-0368	EA	1-1/2", 150 Lb., Type 316 Stainless Steel Threaded Coupling	126.13	54.24
		For Work In Restricted Working Space, Add	*32.53*	
40 05 23 23-0369	EA	2", 150 Lb., Type 316 Stainless Steel Threaded Coupling	156.16	65.59
		For Work In Restricted Working Space, Add	*39.38*	
40 05 23 23-0370	EA	2-1/2", 150 Lb., Type 316 Stainless Steel Threaded Coupling	266.35	103.87
		For Work In Restricted Working Space, Add	*62.35*	
40 05 23 23-0371	EA	3", 150 Lb., Type 316 Stainless Steel Threaded Coupling	343.77	134.04
		For Work In Restricted Working Space, Add	*80.45*	
40 05 23 23-0372	EA	4", 150 Lb., Type 316 Stainless Steel Threaded Coupling	449.31	166.21
		For Work In Restricted Working Space, Add	*99.75*	
40 05 23 23-0373		**Type 304, Schedule 10 Stainless Steel Pipe And Butt Weld Fittings** *(40 05 23 23-0212)*		
40 05 23 23-0374		**Type 304, Schedule 10 Stainless Steel Pipe** *(40 05 23 23-0373)*		
40 05 23 23-0375	LF	1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	17.95	5.24
		For Work In Restricted Working Space, Add	*3.14*	
40 05 23 23-0376	LF	3/4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	21.45	6.40
		For Work In Restricted Working Space, Add	*3.84*	
40 05 23 23-0377	LF	1" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	27.90	7.56
		For Work In Restricted Working Space, Add	*4.50*	
40 05 23 23-0378	LF	1-1/4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	34.18	9.42
		For Work In Restricted Working Space, Add	*5.63*	
40 05 23 23-0379	LF	1-1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	38.11	10.58
		For Work In Restricted Working Space, Add	*6.35*	
40 05 23 23-0380	LF	2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	47.13	13.15
		For Work In Restricted Working Space, Add	*7.86*	
40 05 23 23-0381	LF	2-1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	55.97	15.00
		For Work In Restricted Working Space, Add	*8.98*	
40 05 23 23-0382	LF	3" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	65.62	16.87
		For Work In Restricted Working Space, Add	*10.12*	
40 05 23 23-0383	LF	4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	81.76	20.01
		For Work In Restricted Working Space, Add	*11.97*	
40 05 23 23-0384	LF	6" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	117.74	26.29
		For Work In Restricted Working Space, Add	*15.72*	
40 05 23 23-0385	LF	8" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	202.98	48.07
		For Work In Restricted Working Space, Add	*30.88*	
40 05 23 23-0386	LF	10" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	254.11	52.84
		For Work In Restricted Working Space, Add	*33.97*	
40 05 23 23-0387	LF	12" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	301.40	58.76
		For Work In Restricted Working Space, Add	*37.75*	
40 05 23 23-0388	LF	14" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	367.08	66.06
		For Work In Restricted Working Space, Add	*42.47*	
40 05 23 23-0389	LF	16" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	405.85	75.50
		For Work In Restricted Working Space, Add	*48.53*	
40 05 23 23-0390	LF	18" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	456.83	88.08
		For Work In Restricted Working Space, Add	*56.62*	
40 05 23 23-0391	LF	20" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	624.22	105.69
		For Work In Restricted Working Space, Add	*67.94*	
40 05 23 23-0392	LF	24" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	810.61	132.11
		For Work In Restricted Working Space, Add	*84.93*	
40 05 23 23-0393		**Type 304, Schedule 10 Stainless Steel Butt Weld 90 Degree Elbow** *(40 05 23 23-0373)*		
40 05 23 23-0394	EA	1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	139.11	59.69
		For Work In Restricted Working Space, Add	*39.79*	
40 05 23 23-0395	EA	3/4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	147.26	63.35
		For Work In Restricted Working Space, Add	*42.23*	
40 05 23 23-0396	EA	1", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	162.36	69.62
		For Work In Restricted Working Space, Add	*46.42*	
40 05 23 23-0397	EA	1-1/4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	177.23	75.88
		For Work In Restricted Working Space, Add	*50.59*	
40 05 23 23-0398	EA	1-1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	195.75	83.79
		For Work In Restricted Working Space, Add	*55.86*	
40 05 23 23-0399	EA	2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	219.00	93.22
		For Work In Restricted Working Space, Add	*62.15*	
40 05 23 23-0400	EA	2-1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	285.38	119.31
		For Work In Restricted Working Space, Add	*79.54*	
40 05 23 23-0401	EA	3", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	334.80	139.84
		For Work In Restricted Working Space, Add	*93.22*	
40 05 23 23-0402	EA	4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	411.27	167.37
		For Work In Restricted Working Space, Add	*111.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0403	EA	6", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	570.04	209.07
		For Work In Restricted Working Space, Add	*139.39*	
40 05 23 23-0404	EA	8", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	1,002.28	363.98
		For Work In Restricted Working Space, Add	*242.66*	
40 05 23 23-0405	EA	10", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	1,493.39	485.30
		For Work In Restricted Working Space, Add	*323.54*	
40 05 23 23-0406	EA	12", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	2,256.98	727.96
		For Work In Restricted Working Space, Add	*485.30*	
40 05 23 23-0407	EA	14", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	2,671.97	849.29
		For Work In Restricted Working Space, Add	*566.19*	
40 05 23 23-0408	EA	16", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	3,146.50	968.77
		For Work In Restricted Working Space, Add	*645.85*	
40 05 23 23-0409	EA	18", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	3,979.81	1,213.27
		For Work In Restricted Working Space, Add	*808.85*	
40 05 23 23-0410	EA	20", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	5,546.59	1,698.57
		For Work In Restricted Working Space, Add	*1,132.38*	
40 05 23 23-0411	EA	24", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	7,965.69	2,426.54
		For Work In Restricted Working Space, Add	*1,617.69*	

40 05 23 23-0412 Type 304, Schedule 10 Stainless Steel Butt Weld 45 Degree Elbow *(40 05 23 23-0373)*

40 05 23 23-0413	EA	1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	141.02	59.69
		For Work In Restricted Working Space, Add	*39.79*	
40 05 23 23-0414	EA	3/4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	149.17	63.35
		For Work In Restricted Working Space, Add	*42.23*	
40 05 23 23-0415	EA	1", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	164.65	69.62
		For Work In Restricted Working Space, Add	*46.42*	
40 05 23 23-0416	EA	1-1/4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	180.29	75.88
		For Work In Restricted Working Space, Add	*50.59*	
40 05 23 23-0417	EA	1-1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	196.13	83.79
		For Work In Restricted Working Space, Add	*55.86*	
40 05 23 23-0418	EA	2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	219.00	93.22
		For Work In Restricted Working Space, Add	*62.15*	
40 05 23 23-0419	EA	2-1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	283.47	119.31
		For Work In Restricted Working Space, Add	*79.54*	
40 05 23 23-0420	EA	3", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	331.36	139.84
		For Work In Restricted Working Space, Add	*93.22*	
40 05 23 23-0421	EA	4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	404.77	167.37
		For Work In Restricted Working Space, Add	*111.58*	
40 05 23 23-0422	EA	6", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	536.05	209.07
		For Work In Restricted Working Space, Add	*139.39*	
40 05 23 23-0423	EA	8", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	936.72	363.98
		For Work In Restricted Working Space, Add	*242.66*	
40 05 23 23-0424	EA	10", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	1,376.67	485.30
		For Work In Restricted Working Space, Add	*323.54*	
40 05 23 23-0425	EA	12", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	2,072.19	727.96
		For Work In Restricted Working Space, Add	*485.30*	
40 05 23 23-0426	EA	14", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	2,445.16	849.29
		For Work In Restricted Working Space, Add	*566.19*	
40 05 23 23-0427	EA	16", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	2,866.57	968.77
		For Work In Restricted Working Space, Add	*645.85*	
40 05 23 23-0428	EA	18", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	3,612.20	1,213.27
		For Work In Restricted Working Space, Add	*808.85*	
40 05 23 23-0429	EA	20", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	5,050.56	1,698.57
		For Work In Restricted Working Space, Add	*1,132.38*	
40 05 23 23-0430	EA	24", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	7,262.04	2,426.54
		For Work In Restricted Working Space, Add	*1,617.69*	

40 05 23 23-0431 Type 304, Schedule 10 Stainless Steel Butt Weld Tee *(40 05 23 23-0373)*

40 05 23 23-0432	EA	1/2", Type 304, Schedule 10 Stainless Steel Tee	189.57	75.85
		For Work In Restricted Working Space, Add	*50.57*	
40 05 23 23-0433	EA	3/4", Type 304, Schedule 10 Stainless Steel Tee	227.93	93.12
		For Work In Restricted Working Space, Add	*62.08*	
40 05 23 23-0434	EA	1", Type 304, Schedule 10 Stainless Steel Tee	253.50	104.62
		For Work In Restricted Working Space, Add	*69.75*	
40 05 23 23-0435	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Tee	288.47	119.31
		For Work In Restricted Working Space, Add	*79.54*	
40 05 23 23-0436	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Tee	305.60	128.07
		For Work In Restricted Working Space, Add	*85.38*	
40 05 23 23-0437	EA	2", Type 304, Schedule 10 Stainless Steel Tee	332.94	139.68
		For Work In Restricted Working Space, Add	*93.12*	
40 05 23 23-0438	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Tee	435.52	167.37
		For Work In Restricted Working Space, Add	*111.58*	
40 05 23 23-0439	EA	3", Type 304, Schedule 10 Stainless Steel Tee	507.37	209.76
		For Work In Restricted Working Space, Add	*139.84*	
40 05 23 23-0440	EA	4", Type 304, Schedule 10 Stainless Steel Tee	584.99	235.41
		For Work In Restricted Working Space, Add	*156.94*	
40 05 23 23-0441	EA	6", Type 304, Schedule 10 Stainless Steel Tee	862.09	313.87
		For Work In Restricted Working Space, Add	*209.25*	
40 05 23 23-0442	EA	8", Type 304, Schedule 10 Stainless Steel Tee	1,466.58	485.30
		For Work In Restricted Working Space, Add	*323.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0443	EA	10", Type 304, Schedule 10 Stainless Steel Tee	2,256.98	727.96
		For Work In Restricted Working Space, Add	*485.30*	
40 05 23 23-0444	EA	12", Type 304, Schedule 10 Stainless Steel Tee	2,910.13	909.94
		For Work In Restricted Working Space, Add	*606.63*	
40 05 23 23-0445	EA	14", Type 304, Schedule 10 Stainless Steel Tee	3,587.87	1,093.51
		For Work In Restricted Working Space, Add	*729.00*	
40 05 23 23-0446	EA	16", Type 304, Schedule 10 Stainless Steel Tee	4,343.22	1,333.96
		For Work In Restricted Working Space, Add	*889.31*	
40 05 23 23-0447	EA	18", Type 304, Schedule 10 Stainless Steel Tee	5,526.22	1,698.57
		For Work In Restricted Working Space, Add	*1,132.38*	
40 05 23 23-0448	EA	20", Type 304, Schedule 10 Stainless Steel Tee	7,401.41	2,234.97
		For Work In Restricted Working Space, Add	*1,489.98*	
40 05 23 23-0449	EA	24", Type 304, Schedule 10 Stainless Steel Tee	11,081.38	3,397.15
		For Work In Restricted Working Space, Add	*2,264.77*	
40 05 23 23-0450		**Type 304, Schedule 10 Stainless Steel Butt Weld Reducing Tees** *(40 05 23 23-0373)*		
40 05 23 23-0451	EA	3/4", Type 304, Schedule 10 Stainless Steel Reducing Tee	178.27	63.37
		For Work In Restricted Working Space, Add	*42.25*	
40 05 23 23-0452	EA	1", Type 304, Schedule 10 Stainless Steel Reducing Tee	210.00	77.66
		For Work In Restricted Working Space, Add	*51.77*	
40 05 23 23-0453	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Reducing Tee	262.24	87.25
		For Work In Restricted Working Space, Add	*58.17*	
40 05 23 23-0454	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Reducing Tee	268.02	99.47
		For Work In Restricted Working Space, Add	*66.32*	
40 05 23 23-0455	EA	2", Type 304, Schedule 10 Stainless Steel Reducing Tee	279.93	106.88
		For Work In Restricted Working Space, Add	*71.26*	
40 05 23 23-0456	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Reducing Tee	373.81	116.48
		For Work In Restricted Working Space, Add	*77.66*	
40 05 23 23-0457	EA	3", Type 304, Schedule 10 Stainless Steel Reducing Tee	439.37	139.62
		For Work In Restricted Working Space, Add	*93.09*	
40 05 23 23-0458	EA	4", Type 304, Schedule 10 Stainless Steel Reducing Tee	540.57	174.52
		For Work In Restricted Working Space, Add	*116.34*	
40 05 23 23-0459	EA	6", Type 304, Schedule 10 Stainless Steel Reducing Tee	724.95	199.40
		For Work In Restricted Working Space, Add	*132.93*	
40 05 23 23-0460	EA	8", Type 304, Schedule 10 Stainless Steel Reducing Tee	1,419.75	303.31
		For Work In Restricted Working Space, Add	*202.21*	
40 05 23 23-0461	EA	10", Type 304, Schedule 10 Stainless Steel Reducing Tee	2,369.95	404.43
		For Work In Restricted Working Space, Add	*269.62*	
40 05 23 23-0462	EA	12", Type 304, Schedule 10 Stainless Steel Reducing Tee	3,377.36	606.63
		For Work In Restricted Working Space, Add	*404.42*	
40 05 23 23-0463	EA	14", Type 304, Schedule 10 Stainless Steel Reducing Tee	4,099.85	728.80
		For Work In Restricted Working Space, Add	*485.87*	
40 05 23 23-0464	EA	16", Type 304, Schedule 10 Stainless Steel Reducing Tee	5,081.84	889.00
		For Work In Restricted Working Space, Add	*592.66*	
40 05 23 23-0465	EA	18", Type 304, Schedule 10 Stainless Steel Reducing Tee	6,567.18	1,132.38
		For Work In Restricted Working Space, Add	*754.92*	
40 05 23 23-0466	EA	20", Type 304, Schedule 10 Stainless Steel Reducing Tee	9,377.18	1,489.97
		For Work In Restricted Working Space, Add	*993.32*	
40 05 23 23-0467	EA	24", Type 304, Schedule 10 Stainless Steel Reducing Tee	14,689.77	2,262.76
		For Work In Restricted Working Space, Add	*1,508.51*	
40 05 23 23-0468		**Type 304, Schedule 10 Stainless Steel Butt Weld Reducers** *(40 05 23 23-0373)*		
40 05 23 23-0469	EA	3/4", Type 304, Schedule 10 Stainless Steel Concentric Reducer	141.05	57.63
		For Work In Restricted Working Space, Add	*38.42*	
40 05 23 23-0470	EA	1", Type 304, Schedule 10 Stainless Steel Concentric Reducer	155.60	62.80
		For Work In Restricted Working Space, Add	*41.87*	
40 05 23 23-0471	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Concentric Reducer	172.50	69.62
		For Work In Restricted Working Space, Add	*46.42*	
40 05 23 23-0472	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Concentric Reducer	182.75	75.88
		For Work In Restricted Working Space, Add	*50.59*	
40 05 23 23-0473	EA	2", Type 304, Schedule 10 Stainless Steel Concentric Reducer	198.80	83.79
		For Work In Restricted Working Space, Add	*55.86*	
40 05 23 23-0474	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Concentric Reducer	270.11	104.71
		For Work In Restricted Working Space, Add	*69.80*	
40 05 23 23-0475	EA	3", Type 304, Schedule 10 Stainless Steel Concentric Reducer	305.00	119.21
		For Work In Restricted Working Space, Add	*79.47*	
40 05 23 23-0476	EA	4", Type 304, Schedule 10 Stainless Steel Concentric Reducer	356.31	139.68
		For Work In Restricted Working Space, Add	*93.12*	
40 05 23 23-0477	EA	6", Type 304, Schedule 10 Stainless Steel Concentric Reducer	460.86	177.83
		For Work In Restricted Working Space, Add	*118.55*	
40 05 23 23-0478	EA	8", Type 304, Schedule 10 Stainless Steel Concentric Reducer	752.58	291.18
		For Work In Restricted Working Space, Add	*194.12*	
40 05 23 23-0479	EA	10", Type 304, Schedule 10 Stainless Steel Concentric Reducer	959.39	363.98
		For Work In Restricted Working Space, Add	*242.66*	
40 05 23 23-0480	EA	12", Type 304, Schedule 10 Stainless Steel Concentric Reducer	1,291.69	485.30
		For Work In Restricted Working Space, Add	*323.54*	
40 05 23 23-0481	EA	14", Type 304, Schedule 10 Stainless Steel Concentric Reducer	1,858.99	636.96
		For Work In Restricted Working Space, Add	*424.64*	
40 05 23 23-0482	EA	16", Type 304, Schedule 10 Stainless Steel Concentric Reducer	2,179.84	725.88
		For Work In Restricted Working Space, Add	*483.92*	
40 05 23 23-0483	EA	18", Type 304, Schedule 10 Stainless Steel Concentric Reducer	2,678.33	909.94
		For Work In Restricted Working Space, Add	*606.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0484	EA	20", Type 304, Schedule 10 Stainless Steel Concentric Reducer	3,780.25	1,213.27
		For Work In Restricted Working Space, Add	*808.85*	
40 05 23 23-0485	EA	24", Type 304, Schedule 10 Stainless Steel Concentric Reducer	5,428.63	1,819.91
		For Work In Restricted Working Space, Add	*1,213.27*	
40 05 23 23-0486	EA	3/4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	176.95	57.63
		For Work In Restricted Working Space, Add	*38.42*	
40 05 23 23-0487	EA	1", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	181.95	62.80
		For Work In Restricted Working Space, Add	*41.87*	
40 05 23 23-0488	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	190.55	69.62
		For Work In Restricted Working Space, Add	*46.42*	
40 05 23 23-0489	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	215.59	75.88
		For Work In Restricted Working Space, Add	*50.59*	
40 05 23 23-0490	EA	2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	222.48	83.79
		For Work In Restricted Working Space, Add	*55.86*	
40 05 23 23-0491	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	296.08	104.71
		For Work In Restricted Working Space, Add	*69.80*	
40 05 23 23-0492	EA	3", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	330.59	119.21
		For Work In Restricted Working Space, Add	*79.47*	
40 05 23 23-0493	EA	4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	376.10	139.68
		For Work In Restricted Working Space, Add	*93.12*	
40 05 23 23-0494	EA	6", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	532.27	177.83
		For Work In Restricted Working Space, Add	*118.55*	
40 05 23 23-0495	EA	8", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	905.68	291.18
		For Work In Restricted Working Space, Add	*194.12*	
40 05 23 23-0496	EA	10", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	1,258.01	363.98
		For Work In Restricted Working Space, Add	*242.66*	
40 05 23 23-0497	EA	12", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	1,567.62	485.30
		For Work In Restricted Working Space, Add	*323.54*	
40 05 23 23-0498	EA	14", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	2,495.52	636.96
		For Work In Restricted Working Space, Add	*424.64*	
40 05 23 23-0499	EA	16", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	2,909.21	725.88
		For Work In Restricted Working Space, Add	*483.92*	
40 05 23 23-0500	EA	18", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	3,568.49	909.94
		For Work In Restricted Working Space, Add	*606.63*	
40 05 23 23-0501	EA	20", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	5,206.70	1,213.27
		For Work In Restricted Working Space, Add	*808.85*	
40 05 23 23-0502	EA	24", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	7,319.12	1,819.91
		For Work In Restricted Working Space, Add	*1,213.27*	

40 05 23 23-0503 Type 304, Schedule 10 Stainless Steel Butt Weld Caps *(40 05 23 23-0373)*

40 05 23 23-0504	EA	1/2", Type 304, Schedule 10 Stainless Steel Cap	78.16	29.84
		For Work In Restricted Working Space, Add	*19.90*	
40 05 23 23-0505	EA	3/4", Type 304, Schedule 10 Stainless Steel Cap	86.42	31.67
		For Work In Restricted Working Space, Add	*21.11*	
40 05 23 23-0506	EA	1", Type 304, Schedule 10 Stainless Steel Cap	94.92	34.81
		For Work In Restricted Working Space, Add	*23.21*	
40 05 23 23-0507	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Cap	104.75	37.94
		For Work In Restricted Working Space, Add	*25.29*	
40 05 23 23-0508	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Cap	111.82	41.90
		For Work In Restricted Working Space, Add	*27.93*	
40 05 23 23-0509	EA	2", Type 304, Schedule 10 Stainless Steel Cap	120.00	46.60
		For Work In Restricted Working Space, Add	*31.07*	
40 05 23 23-0510	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Cap	156.25	59.66
		For Work In Restricted Working Space, Add	*39.77*	
40 05 23 23-0511	EA	3", Type 304, Schedule 10 Stainless Steel Cap	175.62	69.92
		For Work In Restricted Working Space, Add	*46.61*	
40 05 23 23-0512	EA	4", Type 304, Schedule 10 Stainless Steel Cap	211.95	83.68
		For Work In Restricted Working Space, Add	*55.79*	
40 05 23 23-0513	EA	6", Type 304, Schedule 10 Stainless Steel Cap	275.07	104.71
		For Work In Restricted Working Space, Add	*69.80*	
40 05 23 23-0514	EA	8", Type 304, Schedule 10 Stainless Steel Cap	480.74	181.99
		For Work In Restricted Working Space, Add	*121.33*	
40 05 23 23-0515	EA	10", Type 304, Schedule 10 Stainless Steel Cap	640.05	242.66
		For Work In Restricted Working Space, Add	*161.77*	
40 05 23 23-0516	EA	12", Type 304, Schedule 10 Stainless Steel Cap	940.22	363.97
		For Work In Restricted Working Space, Add	*242.66*	
40 05 23 23-0517	EA	14", Type 304, Schedule 10 Stainless Steel Cap	1,104.67	424.65
		For Work In Restricted Working Space, Add	*283.10*	
40 05 23 23-0518	EA	16", Type 304, Schedule 10 Stainless Steel Cap	1,284.08	484.38
		For Work In Restricted Working Space, Add	*322.93*	
40 05 23 23-0519	EA	18", Type 304, Schedule 10 Stainless Steel Cap	1,623.91	606.63
		For Work In Restricted Working Space, Add	*404.42*	
40 05 23 23-0520	EA	20", Type 304, Schedule 10 Stainless Steel Cap	2,238.03	849.29
		For Work In Restricted Working Space, Add	*566.19*	
40 05 23 23-0521	EA	24", Type 304, Schedule 10 Stainless Steel Cap	3,314.14	1,213.26
		For Work In Restricted Working Space, Add	*808.85*	

40 05 23 23-0522 Type 304, Schedule 40 Stainless Steel Pipe And Butt Weld Fittings *(40 05 23 23-0212)*

40 05 23 23-0523 Type 304, Schedule 40 Stainless Steel Pipe *(40 05 23 23-0522)*

40 05 23 23-0524	LF	1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	19.79	5.24
		For Work In Restricted Working Space, Add	*3.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0525	LF	3/4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	24.05	6.40
		For Work In Restricted Working Space, Add	*3.84*	
40 05 23 23-0526	LF	1" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	29.30	7.56
		For Work In Restricted Working Space, Add	*4.50*	
40 05 23 23-0527	LF	1-1/4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	36.63	9.31
		For Work In Restricted Working Space, Add	*5.63*	
40 05 23 23-0528	LF	1-1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	42.09	10.47
		For Work In Restricted Working Space, Add	*6.35*	
40 05 23 23-0529	LF	2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	53.69	13.38
		For Work In Restricted Working Space, Add	*7.86*	
40 05 23 23-0530	LF	2-1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	65.98	15.13
		For Work In Restricted Working Space, Add	*8.98*	
40 05 23 23-0531	LF	3" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	65.44	16.87
		For Work In Restricted Working Space, Add	*10.12*	
40 05 23 23-0532	LF	4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	104.07	19.78
		For Work In Restricted Working Space, Add	*11.97*	
40 05 23 23-0533	LF	6" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	159.60	26.18
		For Work In Restricted Working Space, Add	*15.72*	
40 05 23 23-0534	LF	8" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	286.69	47.81
		For Work In Restricted Working Space, Add	*30.88*	
40 05 23 23-0535	LF	10" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	358.23	52.84
		For Work In Restricted Working Space, Add	*33.97*	
40 05 23 23-0536	LF	12" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	442.28	58.51
		For Work In Restricted Working Space, Add	*37.75*	

40 05 23 23-0537 Type 304, Schedule 40 Stainless Steel Butt Weld 90 Degree Elbows *(40 05 23 23-0522)*

40 05 23 23-0538	EA	1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	140.64	59.69
		For Work In Restricted Working Space, Add	*39.79*	
40 05 23 23-0539	EA	3/4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	148.79	63.35
		For Work In Restricted Working Space, Add	*42.23*	
40 05 23 23-0540	EA	1", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	163.50	69.62
		For Work In Restricted Working Space, Add	*46.42*	
40 05 23 23-0541	EA	1-1/4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	178.06	75.88
		For Work In Restricted Working Space, Add	*50.59*	
40 05 23 23-0542	EA	1-1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	196.51	83.79
		For Work In Restricted Working Space, Add	*55.86*	
40 05 23 23-0543	EA	2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	221.67	93.22
		For Work In Restricted Working Space, Add	*62.15*	
40 05 23 23-0544	EA	2-1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	295.31	119.31
		For Work In Restricted Working Space, Add	*79.54*	
40 05 23 23-0545	EA	3", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	349.31	139.84
		For Work In Restricted Working Space, Add	*93.22*	
40 05 23 23-0546	EA	4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	435.71	167.37
		For Work In Restricted Working Space, Add	*111.58*	
40 05 23 23-0547	EA	6", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	726.23	209.07
		For Work In Restricted Working Space, Add	*139.39*	
40 05 23 23-0548	EA	8", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	1,215.12	363.98
		For Work In Restricted Working Space, Add	*242.66*	
40 05 23 23-0549	EA	10", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	1,925.22	485.30
		For Work In Restricted Working Space, Add	*323.54*	
40 05 23 23-0550	EA	12", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	2,817.09	727.96
		For Work In Restricted Working Space, Add	*485.30*	
40 05 23 23-0551	EA	14", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	3,351.46	849.29
		For Work In Restricted Working Space, Add	*566.19*	
40 05 23 23-0552	EA	16", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	4,019.40	968.77
		For Work In Restricted Working Space, Add	*645.85*	
40 05 23 23-0553	EA	18", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	5,192.68	1,213.27
		For Work In Restricted Working Space, Add	*808.85*	
40 05 23 23-0554	EA	20", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	7,043.61	1,698.57
		For Work In Restricted Working Space, Add	*1,132.38*	
40 05 23 23-0555	EA	24", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	10,101.44	2,426.54
		For Work In Restricted Working Space, Add	*1,617.69*	

40 05 23 23-0556 Type 304, Schedule 40 Stainless Steel Butt Weld 45 Degree Elbows *(40 05 23 23-0522)*

40 05 23 23-0557	EA	1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	143.31	59.69
		For Work In Restricted Working Space, Add	*39.79*	
40 05 23 23-0558	EA	3/4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	151.46	63.35
		For Work In Restricted Working Space, Add	*42.23*	
40 05 23 23-0559	EA	1", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	165.41	69.62
		For Work In Restricted Working Space, Add	*46.42*	
40 05 23 23-0560	EA	1-1/4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	180.01	75.88
		For Work In Restricted Working Space, Add	*50.59*	
40 05 23 23-0561	EA	1-1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	198.42	83.79
		For Work In Restricted Working Space, Add	*55.86*	
40 05 23 23-0562	EA	2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	222.08	93.22
		For Work In Restricted Working Space, Add	*62.15*	
40 05 23 23-0563	EA	2-1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	295.31	119.31
		For Work In Restricted Working Space, Add	*79.54*	
40 05 23 23-0564	EA	3", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	338.62	139.84
		For Work In Restricted Working Space, Add	*93.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0565	EA	4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	441.44	167.37
		For Work In Restricted Working Space, Add	*111.58*	
40 05 23 23-0566	EA	6", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	596.00	209.07
		For Work In Restricted Working Space, Add	*139.39*	
40 05 23 23-0567	EA	8", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	1,078.59	363.98
		For Work In Restricted Working Space, Add	*242.66*	
40 05 23 23-0568	EA	10", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	1,584.14	485.30
		For Work In Restricted Working Space, Add	*323.54*	
40 05 23 23-0569	EA	12", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	2,313.91	727.96
		For Work In Restricted Working Space, Add	*485.30*	
40 05 23 23-0570	EA	14", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	2,615.62	849.29
		For Work In Restricted Working Space, Add	*566.19*	
40 05 23 23-0571	EA	16", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	3,143.29	968.77
		For Work In Restricted Working Space, Add	*645.85*	
40 05 23 23-0572	EA	18", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	3,970.42	1,213.27
		For Work In Restricted Working Space, Add	*808.85*	
40 05 23 23-0573	EA	20", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	5,394.34	1,698.57
		For Work In Restricted Working Space, Add	*1,132.38*	
40 05 23 23-0574	EA	24", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	7,845.77	2,426.54
		For Work In Restricted Working Space, Add	*1,617.69*	

40 05 23 23-0575 Type 304, Schedule 40 Stainless Steel Butt Weld Tees *(40 05 23 23-0522)*

40 05 23 23-0576	EA	1/2", Type 304, Schedule 40 Stainless Steel Tee	191.10	75.85
		For Work In Restricted Working Space, Add	*50.57*	
40 05 23 23-0577	EA	3/4", Type 304, Schedule 40 Stainless Steel Tee	229.46	93.12
		For Work In Restricted Working Space, Add	*62.08*	
40 05 23 23-0578	EA	1", Type 304, Schedule 40 Stainless Steel Tee	255.03	104.62
		For Work In Restricted Working Space, Add	*69.75*	
40 05 23 23-0579	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Tee	292.36	119.31
		For Work In Restricted Working Space, Add	*79.54*	
40 05 23 23-0580	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Tee	307.13	128.07
		For Work In Restricted Working Space, Add	*85.38*	
40 05 23 23-0581	EA	2", Type 304, Schedule 40 Stainless Steel Tee	334.85	139.68
		For Work In Restricted Working Space, Add	*93.12*	
40 05 23 23-0582	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Tee	440.67	167.37
		For Work In Restricted Working Space, Add	*111.58*	
40 05 23 23-0583	EA	3", Type 304, Schedule 40 Stainless Steel Tee	515.39	209.76
		For Work In Restricted Working Space, Add	*139.84*	
40 05 23 23-0584	EA	4", Type 304, Schedule 40 Stainless Steel Tee	593.77	235.41
		For Work In Restricted Working Space, Add	*156.94*	
40 05 23 23-0585	EA	6", Type 304, Schedule 40 Stainless Steel Tee	922.81	313.87
		For Work In Restricted Working Space, Add	*209.25*	
40 05 23 23-0586	EA	8", Type 304, Schedule 40 Stainless Steel Tee	1,646.82	485.30
		For Work In Restricted Working Space, Add	*323.54*	
40 05 23 23-0587	EA	10", Type 304, Schedule 40 Stainless Steel Tee	2,810.10	727.96
		For Work In Restricted Working Space, Add	*485.30*	
40 05 23 23-0588	EA	12", Type 304, Schedule 40 Stainless Steel Tee	3,493.34	909.94
		For Work In Restricted Working Space, Add	*606.63*	
40 05 23 23-0589	EA	14", Type 304, Schedule 40 Stainless Steel Tee	4,763.06	1,093.51
		For Work In Restricted Working Space, Add	*729.00*	
40 05 23 23-0590	EA	16", Type 304, Schedule 40 Stainless Steel Tee	6,058.92	1,333.96
		For Work In Restricted Working Space, Add	*889.31*	
40 05 23 23-0591	EA	18", Type 304, Schedule 40 Stainless Steel Tee	7,855.72	1,698.57
		For Work In Restricted Working Space, Add	*1,132.38*	
40 05 23 23-0592	EA	20", Type 304, Schedule 40 Stainless Steel Tee	10,133.87	2,234.97
		For Work In Restricted Working Space, Add	*1,489.98*	
40 05 23 23-0593	EA	24", Type 304, Schedule 40 Stainless Steel Tee	15,519.22	3,397.15
		For Work In Restricted Working Space, Add	*2,264.77*	

40 05 23 23-0594 Type 304, Schedule 40 Stainless Steel Butt Weld Reducing Tees *(40 05 23 23-0522)*

40 05 23 23-0595	EA	3/4", Type 304, Schedule 40 Stainless Steel Reducing Tee	183.23	63.37
		For Work In Restricted Working Space, Add	*42.25*	
40 05 23 23-0596	EA	1", Type 304, Schedule 40 Stainless Steel Reducing Tee	214.96	77.66
		For Work In Restricted Working Space, Add	*51.77*	
40 05 23 23-0597	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Reducing Tee	286.12	87.25
		For Work In Restricted Working Space, Add	*58.17*	
40 05 23 23-0598	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Reducing Tee	275.28	99.47
		For Work In Restricted Working Space, Add	*66.32*	
40 05 23 23-0599	EA	2", Type 304, Schedule 40 Stainless Steel Reducing Tee	279.93	106.88
		For Work In Restricted Working Space, Add	*71.26*	
40 05 23 23-0600	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Reducing Tee	349.41	116.48
		For Work In Restricted Working Space, Add	*77.66*	
40 05 23 23-0601	EA	3", Type 304, Schedule 40 Stainless Steel Reducing Tee	385.52	139.62
		For Work In Restricted Working Space, Add	*93.09*	
40 05 23 23-0602	EA	4", Type 304, Schedule 40 Stainless Steel Reducing Tee	512.31	174.52
		For Work In Restricted Working Space, Add	*116.34*	
40 05 23 23-0603	EA	6", Type 304, Schedule 40 Stainless Steel Reducing Tee	729.54	199.40
		For Work In Restricted Working Space, Add	*132.93*	
40 05 23 23-0604	EA	8", Type 304, Schedule 40 Stainless Steel Reducing Tee	1,257.66	303.31
		For Work In Restricted Working Space, Add	*202.21*	
40 05 23 23-0605	EA	10", Type 304, Schedule 40 Stainless Steel Reducing Tee	2,420.67	404.43
		For Work In Restricted Working Space, Add	*269.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0606	EA	12", Type 304, Schedule 40 Stainless Steel Reducing Tee	3,478.82	606.63
		For Work In Restricted Working Space, Add	*404.42*	
40 05 23 23-0607	EA	14", Type 304, Schedule 40 Stainless Steel Reducing Tee	3,957.49	728.80
		For Work In Restricted Working Space, Add	*485.87*	
40 05 23 23-0608	EA	16", Type 304, Schedule 40 Stainless Steel Reducing Tee	4,903.54	889.00
		For Work In Restricted Working Space, Add	*592.66*	
40 05 23 23-0609	EA	18", Type 304, Schedule 40 Stainless Steel Reducing Tee	6,334.67	1,132.38
		For Work In Restricted Working Space, Add	*754.92*	
40 05 23 23-0610	EA	20", Type 304, Schedule 40 Stainless Steel Reducing Tee	9,028.99	1,489.97
		For Work In Restricted Working Space, Add	*993.32*	
40 05 23 23-0611	EA	24", Type 304, Schedule 40 Stainless Steel Reducing Tee	14,135.22	2,262.76
		For Work In Restricted Working Space, Add	*1,508.51*	

40 05 23 23-0612 Type 304, Schedule 40 Stainless Steel Butt Weld Reducers *(40 05 23 23-0522)*

40 05 23 23-0613	EA	3/4", Type 304, Schedule 40 Stainless Steel Concentric Reducer	144.87	57.63
		For Work In Restricted Working Space, Add	*38.42*	
40 05 23 23-0614	EA	1", Type 304, Schedule 40 Stainless Steel Concentric Reducer	159.42	62.80
		For Work In Restricted Working Space, Add	*41.87*	
40 05 23 23-0615	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Concentric Reducer	172.77	69.62
		For Work In Restricted Working Space, Add	*46.42*	
40 05 23 23-0616	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Concentric Reducer	186.57	75.88
		For Work In Restricted Working Space, Add	*50.59*	
40 05 23 23-0617	EA	2", Type 304, Schedule 40 Stainless Steel Concentric Reducer	201.09	83.79
		For Work In Restricted Working Space, Add	*55.86*	
40 05 23 23-0618	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Concentric Reducer	270.11	104.71
		For Work In Restricted Working Space, Add	*69.80*	
40 05 23 23-0619	EA	3", Type 304, Schedule 40 Stainless Steel Concentric Reducer	291.25	119.21
		For Work In Restricted Working Space, Add	*79.47*	
40 05 23 23-0620	EA	4", Type 304, Schedule 40 Stainless Steel Concentric Reducer	336.76	139.68
		For Work In Restricted Working Space, Add	*93.12*	
40 05 23 23-0621	EA	6", Type 304, Schedule 40 Stainless Steel Concentric Reducer	463.91	177.83
		For Work In Restricted Working Space, Add	*118.55*	
40 05 23 23-0622	EA	8", Type 304, Schedule 40 Stainless Steel Concentric Reducer	817.43	291.18
		For Work In Restricted Working Space, Add	*194.12*	
40 05 23 23-0623	EA	10", Type 304, Schedule 40 Stainless Steel Concentric Reducer	1,070.76	363.98
		For Work In Restricted Working Space, Add	*242.66*	
40 05 23 23-0624	EA	12", Type 304, Schedule 40 Stainless Steel Concentric Reducer	1,391.08	485.30
		For Work In Restricted Working Space, Add	*323.54*	
40 05 23 23-0625	EA	14", Type 304, Schedule 40 Stainless Steel Concentric Reducer	2,082.05	636.96
		For Work In Restricted Working Space, Add	*424.64*	
40 05 23 23-0626	EA	16", Type 304, Schedule 40 Stainless Steel Concentric Reducer	2,460.25	725.88
		For Work In Restricted Working Space, Add	*483.92*	
40 05 23 23-0627	EA	18", Type 304, Schedule 40 Stainless Steel Concentric Reducer	3,246.18	909.94
		For Work In Restricted Working Space, Add	*606.63*	
40 05 23 23-0628	EA	20", Type 304, Schedule 40 Stainless Steel Concentric Reducer	4,450.05	1,213.27
		For Work In Restricted Working Space, Add	*808.85*	
40 05 23 23-0629	EA	24", Type 304, Schedule 40 Stainless Steel Concentric Reducer	6,122.28	1,819.91
		For Work In Restricted Working Space, Add	*1,213.27*	
40 05 23 23-0630	EA	3/4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	178.51	57.63
		For Work In Restricted Working Space, Add	*38.42*	
40 05 23 23-0631	EA	1", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	189.97	62.80
		For Work In Restricted Working Space, Add	*41.87*	
40 05 23 23-0632	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	218.05	69.62
		For Work In Restricted Working Space, Add	*46.42*	
40 05 23 23-0633	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	229.72	75.88
		For Work In Restricted Working Space, Add	*50.59*	
40 05 23 23-0634	EA	2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	244.25	83.79
		For Work In Restricted Working Space, Add	*55.86*	
40 05 23 23-0635	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	296.08	104.71
		For Work In Restricted Working Space, Add	*69.80*	
40 05 23 23-0636	EA	3", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	377.94	119.21
		For Work In Restricted Working Space, Add	*79.47*	
40 05 23 23-0637	EA	4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	408.18	139.68
		For Work In Restricted Working Space, Add	*93.12*	
40 05 23 23-0638	EA	6", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	563.97	177.83
		For Work In Restricted Working Space, Add	*118.55*	
40 05 23 23-0639	EA	8", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	908.99	291.18
		For Work In Restricted Working Space, Add	*194.12*	
40 05 23 23-0640	EA	10", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	1,255.13	363.98
		For Work In Restricted Working Space, Add	*242.66*	
40 05 23 23-0641	EA	12", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	1,717.75	485.30
		For Work In Restricted Working Space, Add	*323.54*	
40 05 23 23-0642	EA	14", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	2,882.75	636.96
		For Work In Restricted Working Space, Add	*424.64*	
40 05 23 23-0643	EA	16", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	3,268.37	725.88
		For Work In Restricted Working Space, Add	*483.92*	
40 05 23 23-0644	EA	18", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	4,291.64	909.94
		For Work In Restricted Working Space, Add	*606.63*	
40 05 23 23-0645	EA	20", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	5,563.58	1,213.27
		For Work In Restricted Working Space, Add	*808.85*	
40 05 23 23-0646	EA	24", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	8,900.95	1,819.91
		For Work In Restricted Working Space, Add	*1,213.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0647		**Type 304, Schedule 40 Stainless Steel Butt Weld Caps** *(40 05 23 23-0522)*		
40 05 23 23-0648	EA	1/2", Type 304, Schedule 40 Stainless Steel Cap	79.30	29.84
		For Work In Restricted Working Space, Add	*19.90*	
40 05 23 23-0649	EA	3/4", Type 304, Schedule 40 Stainless Steel Cap	85.27	31.67
		For Work In Restricted Working Space, Add	*21.11*	
40 05 23 23-0650	EA	1", Type 304, Schedule 40 Stainless Steel Cap	96.06	34.81
		For Work In Restricted Working Space, Add	*23.21*	
40 05 23 23-0651	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Cap	109.85	37.94
		For Work In Restricted Working Space, Add	*25.29*	
40 05 23 23-0652	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Cap	116.79	41.90
		For Work In Restricted Working Space, Add	*27.93*	
40 05 23 23-0653	EA	2", Type 304, Schedule 40 Stainless Steel Cap	119.62	46.60
		For Work In Restricted Working Space, Add	*31.07*	
40 05 23 23-0654	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Cap	153.68	59.66
		For Work In Restricted Working Space, Add	*39.77*	
40 05 23 23-0655	EA	3", Type 304, Schedule 40 Stainless Steel Cap	177.15	69.92
		For Work In Restricted Working Space, Add	*46.61*	
40 05 23 23-0656	EA	4", Type 304, Schedule 40 Stainless Steel Cap	216.53	83.68
		For Work In Restricted Working Space, Add	*55.79*	
40 05 23 23-0657	EA	6", Type 304, Schedule 40 Stainless Steel Cap	303.33	104.71
		For Work In Restricted Working Space, Add	*69.80*	
40 05 23 23-0658	EA	8", Type 304, Schedule 40 Stainless Steel Cap	526.11	181.99
		For Work In Restricted Working Space, Add	*121.33*	
40 05 23 23-0659	EA	10", Type 304, Schedule 40 Stainless Steel Cap	704.21	242.66
		For Work In Restricted Working Space, Add	*161.77*	
40 05 23 23-0660	EA	12", Type 304, Schedule 40 Stainless Steel Cap	1,062.50	363.97
		For Work In Restricted Working Space, Add	*242.66*	
40 05 23 23-0661	EA	14", Type 304, Schedule 40 Stainless Steel Cap	1,216.68	424.65
		For Work In Restricted Working Space, Add	*283.10*	
40 05 23 23-0662	EA	16", Type 304, Schedule 40 Stainless Steel Cap	1,438.17	484.38
		For Work In Restricted Working Space, Add	*322.93*	
40 05 23 23-0663	EA	18", Type 304, Schedule 40 Stainless Steel Cap	1,806.53	606.63
		For Work In Restricted Working Space, Add	*404.42*	
40 05 23 23-0664	EA	20", Type 304, Schedule 40 Stainless Steel Cap	2,481.57	849.29
		For Work In Restricted Working Space, Add	*566.19*	
40 05 23 23-0665	EA	24", Type 304, Schedule 40 Stainless Steel Cap	3,721.33	1,213.26
		For Work In Restricted Working Space, Add	*808.85*	
40 05 23 23-0666		**Type 304, Schedule 40 Stainless Steel Butt Half Coupling** *(40 05 23 23-0522)*		
		Note: Threaded Female x Butt Weld Straight Adapter		
40 05 23 23-0667	EA	1/2", Type 304, Schedule 40 Stainless Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	126.82	59.69
		For Work In Restricted Working Space, Add	*35.81*	
40 05 23 23-0668	EA	3/4", Type 304, Schedule 40 Stainless Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	135.57	63.41
		For Work In Restricted Working Space, Add	*38.01*	
40 05 23 23-0669	EA	1", Type 304, Schedule 40 Stainless Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	154.80	69.58
		For Work In Restricted Working Space, Add	*41.78*	
40 05 23 23-0670	EA	1-1/4", Type 304, Schedule 40 Stainless Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	171.45	75.85
		For Work In Restricted Working Space, Add	*45.51*	
40 05 23 23-0671	EA	1-1/2", Type 304, Schedule 40 Stainless Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	192.86	83.76
		For Work In Restricted Working Space, Add	*50.26*	
40 05 23 23-0672	EA	2", Type 304, Schedule 40 Stainless Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	221.04	93.19
		For Work In Restricted Working Space, Add	*55.95*	
40 05 23 23-0673	EA	2-1/2", Type 304, Schedule 40 Stainless Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	309.91	119.37
		For Work In Restricted Working Space, Add	*71.59*	
40 05 23 23-0674	EA	3", Type 304, Schedule 40 Stainless Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	398.82	139.85
		For Work In Restricted Working Space, Add	*83.91*	
40 05 23 23-0675	EA	4", Type 304, Schedule 40 Stainless Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	481.84	167.41
		For Work In Restricted Working Space, Add	*100.41*	
40 05 23 23-0676		**Type 316, Schedule 10 Stainless Steel Pipe And Butt Weld Fittings** *(40 05 23 23-0212)*		
40 05 23 23-0677		**Type 316, Schedule 10 Stainless Steel Pipe** *(40 05 23 23-0676)*		
40 05 23 23-0678	LF	1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	20.28	5.24
		For Work In Restricted Working Space, Add	*3.14*	
40 05 23 23-0679	LF	3/4" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	24.15	6.40
		For Work In Restricted Working Space, Add	*3.84*	
40 05 23 23-0680	LF	1" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	31.92	7.56
		For Work In Restricted Working Space, Add	*4.50*	
40 05 23 23-0681	LF	1-1/4" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	39.00	9.42
		For Work In Restricted Working Space, Add	*5.63*	
40 05 23 23-0682	LF	1-1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	43.40	10.58
		For Work In Restricted Working Space, Add	*6.35*	
40 05 23 23-0683	LF	2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	53.66	13.15
		For Work In Restricted Working Space, Add	*7.86*	
40 05 23 23-0684	LF	2-1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	64.10	15.00
		For Work In Restricted Working Space, Add	*8.98*	
40 05 23 23-0685	LF	3" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	75.58	16.87
		For Work In Restricted Working Space, Add	*10.12*	
40 05 23 23-0686	LF	4" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	94.84	20.01
		For Work In Restricted Working Space, Add	*11.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0687	LF	6" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	138.15	26.29
		For Work In Restricted Working Space, Add	*15.72*	
40 05 23 23-0688	LF	8" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	234.22	48.07
		For Work In Restricted Working Space, Add	*30.88*	
40 05 23 23-0689	LF	10" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	298.10	52.84
		For Work In Restricted Working Space, Add	*33.97*	
40 05 23 23-0690	LF	12" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	356.24	58.76
		For Work In Restricted Working Space, Add	*37.75*	
40 05 23 23-0691	LF	14" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	437.51	66.06
		For Work In Restricted Working Space, Add	*42.47*	
40 05 23 23-0692	LF	16" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	482.08	75.50
		For Work In Restricted Working Space, Add	*48.53*	
40 05 23 23-0693	LF	18" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	540.55	88.08
		For Work In Restricted Working Space, Add	*56.62*	
40 05 23 23-0694	LF	20" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	748.44	105.69
		For Work In Restricted Working Space, Add	*67.94*	
40 05 23 23-0695	LF	24" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	975.35	132.11
		For Work In Restricted Working Space, Add	*84.93*	

40 05 23 23-0696 Type 316, Schedule 10 Stainless Steel Butt Weld 90 Degree Elbows *(40 05 23 23-0676)*

40 05 23 23-0697	EA	1/2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	141.02	59.69
		For Work In Restricted Working Space, Add	*39.79*	
40 05 23 23-0698	EA	3/4", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	149.17	63.35
		For Work In Restricted Working Space, Add	*42.23*	
40 05 23 23-0699	EA	1", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	164.65	69.62
		For Work In Restricted Working Space, Add	*46.42*	
40 05 23 23-0700	EA	1-1/4", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	180.56	75.88
		For Work In Restricted Working Space, Add	*50.59*	
40 05 23 23-0701	EA	1-1/2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	198.04	83.79
		For Work In Restricted Working Space, Add	*55.86*	
40 05 23 23-0702	EA	2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	221.67	93.22
		For Work In Restricted Working Space, Add	*62.15*	
40 05 23 23-0703	EA	2-1/2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	290.35	119.31
		For Work In Restricted Working Space, Add	*79.54*	
40 05 23 23-0704	EA	3", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	342.06	139.84
		For Work In Restricted Working Space, Add	*93.22*	
40 05 23 23-0705	EA	4", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	422.34	167.37
		For Work In Restricted Working Space, Add	*111.58*	
40 05 23 23-0706	EA	6", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	599.06	209.07
		For Work In Restricted Working Space, Add	*139.39*	
40 05 23 23-0707	EA	8", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	1,056.32	363.98
		For Work In Restricted Working Space, Add	*242.66*	
40 05 23 23-0708	EA	10", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	1,618.34	485.30
		For Work In Restricted Working Space, Add	*323.54*	
40 05 23 23-0709	EA	12", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	2,427.34	727.96
		For Work In Restricted Working Space, Add	*485.30*	
40 05 23 23-0710	EA	14", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	2,832.27	849.29
		For Work In Restricted Working Space, Add	*566.19*	
40 05 23 23-0711	EA	16", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	3,400.05	968.77
		For Work In Restricted Working Space, Add	*645.85*	
40 05 23 23-0712	EA	18", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	4,283.85	1,213.27
		For Work In Restricted Working Space, Add	*808.85*	
40 05 23 23-0713	EA	20", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	5,980.92	1,698.57
		For Work In Restricted Working Space, Add	*1,132.38*	
40 05 23 23-0714	EA	24", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	8,611.07	2,426.54
		For Work In Restricted Working Space, Add	*1,617.69*	

40 05 23 23-0715 Type 316, Schedule 10 Stainless Steel Butt Weld 45 Degree Elbows *(40 05 23 23-0676)*

40 05 23 23-0716	EA	1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	143.31	59.69
		For Work In Restricted Working Space, Add	*39.79*	
40 05 23 23-0717	EA	3/4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	151.46	63.35
		For Work In Restricted Working Space, Add	*42.23*	
40 05 23 23-0718	EA	1", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	166.94	69.62
		For Work In Restricted Working Space, Add	*46.42*	
40 05 23 23-0719	EA	1-1/4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	183.62	75.88
		For Work In Restricted Working Space, Add	*50.59*	
40 05 23 23-0720	EA	1-1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	198.04	83.79
		For Work In Restricted Working Space, Add	*55.86*	
40 05 23 23-0721	EA	2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	221.67	93.22
		For Work In Restricted Working Space, Add	*62.15*	
40 05 23 23-0722	EA	2-1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	288.05	119.31
		For Work In Restricted Working Space, Add	*79.54*	
40 05 23 23-0723	EA	3", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	338.62	139.84
		For Work In Restricted Working Space, Add	*93.22*	
40 05 23 23-0724	EA	4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	414.32	167.37
		For Work In Restricted Working Space, Add	*111.58*	
40 05 23 23-0725	EA	6", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	551.70	209.07
		For Work In Restricted Working Space, Add	*139.39*	
40 05 23 23-0726	EA	8", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	971.35	363.98
		For Work In Restricted Working Space, Add	*242.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0727	EA	10", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	1,584.14	485.30
		For Work In Restricted Working Space, Add	*323.54*	
40 05 23 23-0728	EA	12", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	2,313.91	727.96
		For Work In Restricted Working Space, Add	*485.30*	
40 05 23 23-0729	EA	14", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	2,725.99	849.29
		For Work In Restricted Working Space, Add	*566.19*	
40 05 23 23-0730	EA	16", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	3,205.18	968.77
		For Work In Restricted Working Space, Add	*645.85*	
40 05 23 23-0731	EA	18", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	4,054.37	1,213.27
		For Work In Restricted Working Space, Add	*808.85*	
40 05 23 23-0732	EA	20", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	5,774.73	1,698.57
		For Work In Restricted Working Space, Add	*1,132.38*	
40 05 23 23-0733	EA	24", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	8,336.44	2,426.54
		For Work In Restricted Working Space, Add	*1,617.69*	

40 05 23 23-0734 Type 316, Schedule 10 Stainless Steel Butt Weld Tees *(40 05 23 23-0676)*

40 05 23 23-0735	EA	1/2", Type 316, Schedule 10 Stainless Steel Tee	194.54	75.85
		For Work In Restricted Working Space, Add	*50.57*	
40 05 23 23-0736	EA	3/4", Type 316, Schedule 10 Stainless Steel Tee	232.90	93.12
		For Work In Restricted Working Space, Add	*62.08*	
40 05 23 23-0737	EA	1", Type 316, Schedule 10 Stainless Steel Tee	258.47	104.62
		For Work In Restricted Working Space, Add	*69.75*	
40 05 23 23-0738	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Tee	297.64	119.31
		For Work In Restricted Working Space, Add	*79.54*	
40 05 23 23-0739	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Tee	312.86	128.07
		For Work In Restricted Working Space, Add	*85.38*	
40 05 23 23-0740	EA	2", Type 316, Schedule 10 Stainless Steel Tee	339.43	139.68
		For Work In Restricted Working Space, Add	*93.12*	
40 05 23 23-0741	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Tee	414.70	167.37
		For Work In Restricted Working Space, Add	*111.58*	
40 05 23 23-0742	EA	3", Type 316, Schedule 10 Stainless Steel Tee	519.97	209.76
		For Work In Restricted Working Space, Add	*139.84*	
40 05 23 23-0743	EA	4", Type 316, Schedule 10 Stainless Steel Tee	602.17	235.41
		For Work In Restricted Working Space, Add	*156.94*	
40 05 23 23-0744	EA	6", Type 316, Schedule 10 Stainless Steel Tee	911.36	313.87
		For Work In Restricted Working Space, Add	*209.25*	
40 05 23 23-0745	EA	8", Type 316, Schedule 10 Stainless Steel Tee	1,596.07	485.30
		For Work In Restricted Working Space, Add	*323.54*	
40 05 23 23-0746	EA	10", Type 316, Schedule 10 Stainless Steel Tee	2,505.70	727.96
		For Work In Restricted Working Space, Add	*485.30*	
40 05 23 23-0747	EA	12", Type 316, Schedule 10 Stainless Steel Tee	3,239.66	909.94
		For Work In Restricted Working Space, Add	*606.63*	
40 05 23 23-0748	EA	14", Type 316, Schedule 10 Stainless Steel Tee	4,198.90	1,093.51
		For Work In Restricted Working Space, Add	*729.00*	
40 05 23 23-0749	EA	16", Type 316, Schedule 10 Stainless Steel Tee	4,934.96	1,333.96
		For Work In Restricted Working Space, Add	*889.31*	
40 05 23 23-0750	EA	18", Type 316, Schedule 10 Stainless Steel Tee	6,270.76	1,698.57
		For Work In Restricted Working Space, Add	*1,132.38*	
40 05 23 23-0751	EA	20", Type 316, Schedule 10 Stainless Steel Tee	8,487.15	2,234.97
		For Work In Restricted Working Space, Add	*1,489.98*	
40 05 23 23-0752	EA	24", Type 316, Schedule 10 Stainless Steel Tee	12,033.64	3,397.15
		For Work In Restricted Working Space, Add	*2,264.77*	

40 05 23 23-0753 Type 316, Schedule 10 Stainless Steel Butt Weld Reducing Tees *(40 05 23 23-0676)*

40 05 23 23-0754	EA	3/4", Type 316, Schedule 10 Stainless Steel Reducing Tee	190.11	63.37
		For Work In Restricted Working Space, Add	*42.25*	
40 05 23 23-0755	EA	1", Type 316, Schedule 10 Stainless Steel Reducing Tee	224.13	77.66
		For Work In Restricted Working Space, Add	*51.77*	
40 05 23 23-0756	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Reducing Tee	279.46	87.25
		For Work In Restricted Working Space, Add	*58.17*	
40 05 23 23-0757	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Reducing Tee	279.86	99.47
		For Work In Restricted Working Space, Add	*66.32*	
40 05 23 23-0758	EA	2", Type 316, Schedule 10 Stainless Steel Reducing Tee	296.35	106.88
		For Work In Restricted Working Space, Add	*71.26*	
40 05 23 23-0759	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Reducing Tee	423.46	116.48
		For Work In Restricted Working Space, Add	*77.66*	
40 05 23 23-0760	EA	3", Type 316, Schedule 10 Stainless Steel Reducing Tee	394.69	139.62
		For Work In Restricted Working Space, Add	*93.09*	
40 05 23 23-0761	EA	4", Type 316, Schedule 10 Stainless Steel Reducing Tee	540.57	174.52
		For Work In Restricted Working Space, Add	*116.34*	
40 05 23 23-0762	EA	6", Type 316, Schedule 10 Stainless Steel Reducing Tee	795.61	199.40
		For Work In Restricted Working Space, Add	*132.93*	
40 05 23 23-0763	EA	8", Type 316, Schedule 10 Stainless Steel Reducing Tee	1,625.17	303.31
		For Work In Restricted Working Space, Add	*202.21*	
40 05 23 23-0764	EA	10", Type 316, Schedule 10 Stainless Steel Reducing Tee	3,055.04	404.43
		For Work In Restricted Working Space, Add	*269.62*	
40 05 23 23-0765	EA	12", Type 316, Schedule 10 Stainless Steel Reducing Tee	3,960.97	606.63
		For Work In Restricted Working Space, Add	*404.42*	
40 05 23 23-0766	EA	14", Type 316, Schedule 10 Stainless Steel Reducing Tee	4,486.52	728.80
		For Work In Restricted Working Space, Add	*485.87*	
40 05 23 23-0767	EA	16", Type 316, Schedule 10 Stainless Steel Reducing Tee	5,566.10	889.00
		For Work In Restricted Working Space, Add	*592.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0768	EA	18", Type 316, Schedule 10 Stainless Steel Reducing Tee	7,198.68	1,132.38
		For Work In Restricted Working Space, Add	*754.92*	
40 05 23 23-0769	EA	20", Type 316, Schedule 10 Stainless Steel Reducing Tee	10,322.86	1,489.97
		For Work In Restricted Working Space, Add	*993.32*	
40 05 23 23-0770	EA	24", Type 316, Schedule 10 Stainless Steel Reducing Tee	16,195.94	2,262.76
		For Work In Restricted Working Space, Add	*1,508.51*	

40 05 23 23-0771 Type 316, Schedule 10 Stainless Steel Butt Weld Reducers *(40 05 23 23-0676)*

40 05 23 23-0772	EA	3/4", Type 316, Schedule 10 Stainless Steel Concentric Reducer	144.49	57.63
		For Work In Restricted Working Space, Add	*38.42*	
40 05 23 23-0773	EA	1", Type 316, Schedule 10 Stainless Steel Concentric Reducer	159.80	62.80
		For Work In Restricted Working Space, Add	*41.87*	
40 05 23 23-0774	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Concentric Reducer	178.61	69.62
		For Work In Restricted Working Space, Add	*46.42*	
40 05 23 23-0775	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Concentric Reducer	185.42	75.88
		For Work In Restricted Working Space, Add	*50.59*	
40 05 23 23-0776	EA	2", Type 316, Schedule 10 Stainless Steel Concentric Reducer	201.09	83.79
		For Work In Restricted Working Space, Add	*55.86*	
40 05 23 23-0777	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Concentric Reducer	268.51	104.71
		For Work In Restricted Working Space, Add	*69.80*	
40 05 23 23-0778	EA	3", Type 316, Schedule 10 Stainless Steel Concentric Reducer	314.17	119.21
		For Work In Restricted Working Space, Add	*79.47*	
40 05 23 23-0779	EA	4", Type 316, Schedule 10 Stainless Steel Concentric Reducer	339.48	139.68
		For Work In Restricted Working Space, Add	*93.12*	
40 05 23 23-0780	EA	6", Type 316, Schedule 10 Stainless Steel Concentric Reducer	479.57	177.83
		For Work In Restricted Working Space, Add	*118.55*	
40 05 23 23-0781	EA	8", Type 316, Schedule 10 Stainless Steel Concentric Reducer	772.15	291.18
		For Work In Restricted Working Space, Add	*194.12*	
40 05 23 23-0782	EA	10", Type 316, Schedule 10 Stainless Steel Concentric Reducer	1,005.20	363.98
		For Work In Restricted Working Space, Add	*242.66*	
40 05 23 23-0783	EA	12", Type 316, Schedule 10 Stainless Steel Concentric Reducer	1,345.73	485.30
		For Work In Restricted Working Space, Add	*323.54*	
40 05 23 23-0784	EA	14", Type 316, Schedule 10 Stainless Steel Concentric Reducer	1,933.41	636.96
		For Work In Restricted Working Space, Add	*424.64*	
40 05 23 23-0785	EA	16", Type 316, Schedule 10 Stainless Steel Concentric Reducer	2,250.31	725.88
		For Work In Restricted Working Space, Add	*483.92*	
40 05 23 23-0786	EA	18", Type 316, Schedule 10 Stainless Steel Concentric Reducer	2,781.93	909.94
		For Work In Restricted Working Space, Add	*606.63*	
40 05 23 23-0787	EA	20", Type 316, Schedule 10 Stainless Steel Concentric Reducer	3,940.31	1,213.27
		For Work In Restricted Working Space, Add	*808.85*	
40 05 23 23-0788	EA	24", Type 316, Schedule 10 Stainless Steel Concentric Reducer	5,712.42	1,819.91
		For Work In Restricted Working Space, Add	*1,213.27*	
40 05 23 23-0789	EA	3/4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	174.18	57.63
		For Work In Restricted Working Space, Add	*38.42*	
40 05 23 23-0790	EA	1", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	195.06	62.80
		For Work In Restricted Working Space, Add	*41.87*	
40 05 23 23-0791	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	220.41	69.62
		For Work In Restricted Working Space, Add	*46.42*	
40 05 23 23-0792	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	234.31	75.88
		For Work In Restricted Working Space, Add	*50.59*	
40 05 23 23-0793	EA	2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	231.26	83.79
		For Work In Restricted Working Space, Add	*55.86*	
40 05 23 23-0794	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	310.21	104.71
		For Work In Restricted Working Space, Add	*69.80*	
40 05 23 23-0795	EA	3", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	356.94	119.21
		For Work In Restricted Working Space, Add	*79.47*	
40 05 23 23-0796	EA	4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	397.48	139.68
		For Work In Restricted Working Space, Add	*93.12*	
40 05 23 23-0797	EA	6", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	579.25	177.83
		For Work In Restricted Working Space, Add	*118.55*	
40 05 23 23-0798	EA	8", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	988.17	291.18
		For Work In Restricted Working Space, Add	*194.12*	
40 05 23 23-0799	EA	10", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	1,377.22	363.98
		For Work In Restricted Working Space, Add	*242.66*	
40 05 23 23-0800	EA	12", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	1,731.77	485.30
		For Work In Restricted Working Space, Add	*323.54*	
40 05 23 23-0801	EA	14", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	2,665.48	636.96
		For Work In Restricted Working Space, Add	*424.64*	
40 05 23 23-0802	EA	16", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	3,135.12	725.88
		For Work In Restricted Working Space, Add	*483.92*	
40 05 23 23-0803	EA	18", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	3,881.23	909.94
		For Work In Restricted Working Space, Add	*606.63*	
40 05 23 23-0804	EA	20", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	5,698.45	1,213.27
		For Work In Restricted Working Space, Add	*808.85*	
40 05 23 23-0805	EA	24", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	7,800.35	1,819.91
		For Work In Restricted Working Space, Add	*1,213.27*	

40 05 23 23-0806 Type 316, Schedule 10 Stainless Steel Butt Weld Caps *(40 05 23 23-0676)*

40 05 23 23-0807	EA	1/2", Type 316, Schedule 10 Stainless Steel Cap	83.12	29.84
		For Work In Restricted Working Space, Add	*19.90*	
40 05 23 23-0808	EA	3/4", Type 316, Schedule 10 Stainless Steel Cap	92.91	31.67
		For Work In Restricted Working Space, Add	*21.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0809	EA	1", Type 316, Schedule 10 Stainless Steel Cap	101.79	34.81
		For Work In Restricted Working Space, Add	*23.21*	
40 05 23 23-0810	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Cap	111.38	37.94
		For Work In Restricted Working Space, Add	*25.29*	
40 05 23 23-0811	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Cap	119.84	41.90
		For Work In Restricted Working Space, Add	*27.93*	
40 05 23 23-0812	EA	2", Type 316, Schedule 10 Stainless Steel Cap	124.58	46.60
		For Work In Restricted Working Space, Add	*31.07*	
40 05 23 23-0813	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Cap	154.79	59.66
		For Work In Restricted Working Space, Add	*39.77*	
40 05 23 23-0814	EA	3", Type 316, Schedule 10 Stainless Steel Cap	183.64	69.92
		For Work In Restricted Working Space, Add	*46.61*	
40 05 23 23-0815	EA	4", Type 316, Schedule 10 Stainless Steel Cap	219.97	83.68
		For Work In Restricted Working Space, Add	*55.79*	
40 05 23 23-0816	EA	6", Type 316, Schedule 10 Stainless Steel Cap	289.20	104.71
		For Work In Restricted Working Space, Add	*69.80*	
40 05 23 23-0817	EA	8", Type 316, Schedule 10 Stainless Steel Cap	505.90	181.99
		For Work In Restricted Working Space, Add	*121.33*	
40 05 23 23-0818	EA	10", Type 316, Schedule 10 Stainless Steel Cap	670.60	242.66
		For Work In Restricted Working Space, Add	*161.77*	
40 05 23 23-0819	EA	12", Type 316, Schedule 10 Stainless Steel Cap	984.91	363.97
		For Work In Restricted Working Space, Add	*242.66*	
40 05 23 23-0820	EA	14", Type 316, Schedule 10 Stainless Steel Cap	1,144.96	424.65
		For Work In Restricted Working Space, Add	*283.10*	
40 05 23 23-0821	EA	16", Type 316, Schedule 10 Stainless Steel Cap	1,318.12	484.38
		For Work In Restricted Working Space, Add	*322.93*	
40 05 23 23-0822	EA	18", Type 316, Schedule 10 Stainless Steel Cap	1,662.93	606.63
		For Work In Restricted Working Space, Add	*404.42*	
40 05 23 23-0823	EA	20", Type 316, Schedule 10 Stainless Steel Cap	2,300.27	849.29
		For Work In Restricted Working Space, Add	*566.19*	
40 05 23 23-0824	EA	24", Type 316, Schedule 10 Stainless Steel Cap	3,505.75	1,213.26
		For Work In Restricted Working Space, Add	*808.85*	

40 05 23 23-0825 Type 316, Schedule 40 Stainless Steel Pipe And Butt Weld Fittings *(40 05 23 23-0212)*

40 05 23 23-0826 Type 316, Schedule 40 Stainless Steel Pipe *(40 05 23 23-0825)*

40 05 23 23-0827	LF	1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	22.90	5.24
		For Work In Restricted Working Space, Add	*3.14*	
40 05 23 23-0828	LF	3/4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	27.82	6.40
		For Work In Restricted Working Space, Add	*3.84*	
40 05 23 23-0829	LF	1" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	34.08	7.56
		For Work In Restricted Working Space, Add	*4.50*	
40 05 23 23-0830	LF	1-1/4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	42.61	9.31
		For Work In Restricted Working Space, Add	*5.63*	
40 05 23 23-0831	LF	1-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	49.09	10.47
		For Work In Restricted Working Space, Add	*6.35*	
40 05 23 23-0832	LF	2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	62.88	13.38
		For Work In Restricted Working Space, Add	*7.86*	
40 05 23 23-0833	LF	2-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	78.03	15.13
		For Work In Restricted Working Space, Add	*8.98*	
40 05 23 23-0834	LF	3" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	76.05	16.87
		For Work In Restricted Working Space, Add	*10.12*	
40 05 23 23-0835	LF	4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	125.53	19.78
		For Work In Restricted Working Space, Add	*11.97*	
40 05 23 23-0836	LF	6" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	195.45	26.18
		For Work In Restricted Working Space, Add	*15.72*	
40 05 23 23-0837	LF	8" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	348.16	47.81
		For Work In Restricted Working Space, Add	*30.88*	
40 05 23 23-0838	LF	10" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	440.19	52.84
		For Work In Restricted Working Space, Add	*33.97*	
40 05 23 23-0839	LF	12" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	548.14	58.51
		For Work In Restricted Working Space, Add	*37.75*	

40 05 23 23-0840 Type 316, Schedule 40 Stainless Steel Butt Weld 90 Degree Elbows *(40 05 23 23-0825)*

40 05 23 23-0841	EA	1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	142.93	59.69
		For Work In Restricted Working Space, Add	*39.79*	
40 05 23 23-0842	EA	3/4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	151.08	63.35
		For Work In Restricted Working Space, Add	*42.23*	
40 05 23 23-0843	EA	1", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	166.56	69.62
		For Work In Restricted Working Space, Add	*46.42*	
40 05 23 23-0844	EA	1-1/4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	181.40	75.88
		For Work In Restricted Working Space, Add	*50.59*	
40 05 23 23-0845	EA	1-1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	199.95	83.79
		For Work In Restricted Working Space, Add	*55.86*	
40 05 23 23-0846	EA	2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	226.26	93.22
		For Work In Restricted Working Space, Add	*62.15*	
40 05 23 23-0847	EA	2-1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	304.48	119.31
		For Work In Restricted Working Space, Add	*79.54*	
40 05 23 23-0848	EA	3", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	361.91	139.84
		For Work In Restricted Working Space, Add	*93.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0849	EA	4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	465.88	167.37
		For Work In Restricted Working Space, Add	*111.58*	
40 05 23 23-0850	EA	6", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	751.82	209.07
		For Work In Restricted Working Space, Add	*139.39*	
40 05 23 23-0851	EA	8", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	1,348.74	363.98
		For Work In Restricted Working Space, Add	*242.66*	
40 05 23 23-0852	EA	10", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	2,257.65	485.30
		For Work In Restricted Working Space, Add	*323.54*	
40 05 23 23-0853	EA	12", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	3,200.69	727.96
		For Work In Restricted Working Space, Add	*485.30*	
40 05 23 23-0854	EA	14", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	3,562.22	849.29
		For Work In Restricted Working Space, Add	*566.19*	
40 05 23 23-0855	EA	16", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	4,353.02	968.77
		For Work In Restricted Working Space, Add	*645.85*	
40 05 23 23-0856	EA	18", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	5,569.08	1,213.27
		For Work In Restricted Working Space, Add	*808.85*	
40 05 23 23-0857	EA	20", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	7,492.57	1,698.57
		For Work In Restricted Working Space, Add	*1,132.38*	
40 05 23 23-0858	EA	24", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	10,892.85	2,426.54
		For Work In Restricted Working Space, Add	*1,617.69*	

40 05 23 23-0859 Type 316, Schedule 40 Stainless Steel Butt Weld 45 Degree Elbows *(40 05 23 23-0825)*

40 05 23 23-0860	EA	1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	146.75	59.69
		For Work In Restricted Working Space, Add	*39.79*	
40 05 23 23-0861	EA	3/4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	154.90	63.35
		For Work In Restricted Working Space, Add	*42.23*	
40 05 23 23-0862	EA	1", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	168.85	69.62
		For Work In Restricted Working Space, Add	*46.42*	
40 05 23 23-0863	EA	1-1/4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	182.51	75.88
		For Work In Restricted Working Space, Add	*50.59*	
40 05 23 23-0864	EA	1-1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	202.24	83.79
		For Work In Restricted Working Space, Add	*55.86*	
40 05 23 23-0865	EA	2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	226.26	93.22
		For Work In Restricted Working Space, Add	*62.15*	
40 05 23 23-0866	EA	2-1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	304.48	119.31
		For Work In Restricted Working Space, Add	*79.54*	
40 05 23 23-0867	EA	3", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	347.02	139.84
		For Work In Restricted Working Space, Add	*93.22*	
40 05 23 23-0868	EA	4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	437.62	167.37
		For Work In Restricted Working Space, Add	*111.58*	
40 05 23 23-0869	EA	6", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	635.72	209.07
		For Work In Restricted Working Space, Add	*139.39*	
40 05 23 23-0870	EA	8", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	1,144.18	363.98
		For Work In Restricted Working Space, Add	*242.66*	
40 05 23 23-0871	EA	10", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	1,786.23	485.30
		For Work In Restricted Working Space, Add	*323.54*	
40 05 23 23-0872	EA	12", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	2,569.62	727.96
		For Work In Restricted Working Space, Add	*485.30*	
40 05 23 23-0873	EA	14", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	2,909.07	849.29
		For Work In Restricted Working Space, Add	*566.19*	
40 05 23 23-0874	EA	16", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	3,281.46	968.77
		For Work In Restricted Working Space, Add	*645.85*	
40 05 23 23-0875	EA	18", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	4,235.08	1,213.27
		For Work In Restricted Working Space, Add	*808.85*	
40 05 23 23-0876	EA	20", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	5,732.89	1,698.57
		For Work In Restricted Working Space, Add	*1,132.38*	
40 05 23 23-0877	EA	24", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	8,542.85	2,426.54
		For Work In Restricted Working Space, Add	*1,617.69*	

40 05 23 23-0878 Type 316, Schedule 40 Stainless Steel Butt Weld Tees *(40 05 23 23-0825)*

40 05 23 23-0879	EA	1/2", Type 316, Schedule 40 Stainless Steel Tee	196.83	75.85
		For Work In Restricted Working Space, Add	*50.57*	
40 05 23 23-0880	EA	3/4", Type 316, Schedule 40 Stainless Steel Tee	235.19	93.12
		For Work In Restricted Working Space, Add	*62.08*	
40 05 23 23-0881	EA	1", Type 316, Schedule 40 Stainless Steel Tee	260.76	104.62
		For Work In Restricted Working Space, Add	*69.75*	
40 05 23 23-0882	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Tee	300.97	119.31
		For Work In Restricted Working Space, Add	*79.54*	
40 05 23 23-0883	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Tee	312.86	128.07
		For Work In Restricted Working Space, Add	*85.38*	
40 05 23 23-0884	EA	2", Type 316, Schedule 40 Stainless Steel Tee	340.96	139.68
		For Work In Restricted Working Space, Add	*93.12*	
40 05 23 23-0885	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Tee	428.31	167.37
		For Work In Restricted Working Space, Add	*111.58*	
40 05 23 23-0886	EA	3", Type 316, Schedule 40 Stainless Steel Tee	527.22	209.76
		For Work In Restricted Working Space, Add	*139.84*	
40 05 23 23-0887	EA	4", Type 316, Schedule 40 Stainless Steel Tee	614.78	235.41
		For Work In Restricted Working Space, Add	*156.94*	
40 05 23 23-0888	EA	6", Type 316, Schedule 40 Stainless Steel Tee	1,001.10	313.87
		For Work In Restricted Working Space, Add	*209.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0889	EA	8", Type 316, Schedule 40 Stainless Steel Tee	1,826.64	485.30
		For Work In Restricted Working Space, Add	*323.54*	
40 05 23 23-0890	EA	10", Type 316, Schedule 40 Stainless Steel Tee	3,114.47	727.96
		For Work In Restricted Working Space, Add	*485.30*	
40 05 23 23-0891	EA	12", Type 316, Schedule 40 Stainless Steel Tee	3,823.30	909.94
		For Work In Restricted Working Space, Add	*606.63*	
40 05 23 23-0892	EA	14", Type 316, Schedule 40 Stainless Steel Tee	5,571.84	1,093.51
		For Work In Restricted Working Space, Add	*729.00*	
40 05 23 23-0893	EA	16", Type 316, Schedule 40 Stainless Steel Tee	6,913.41	1,333.96
		For Work In Restricted Working Space, Add	*889.31*	
40 05 23 23-0894	EA	18", Type 316, Schedule 40 Stainless Steel Tee	8,967.71	1,698.57
		For Work In Restricted Working Space, Add	*1,132.38*	
40 05 23 23-0895	EA	20", Type 316, Schedule 40 Stainless Steel Tee	11,638.07	2,234.97
		For Work In Restricted Working Space, Add	*1,489.98*	
40 05 23 23-0896	EA	24", Type 316, Schedule 40 Stainless Steel Tee	16,584.44	3,397.15
		For Work In Restricted Working Space, Add	*2,264.77*	

40 05 23 23-0897 Type 316, Schedule 40 Stainless Steel Butt Weld Reducing Tees *(40 05 23 23-0825)*

40 05 23 23-0898	EA	3/4", Type 316, Schedule 40 Stainless Steel Reducing Tee	197.36	63.37
		For Work In Restricted Working Space, Add	*42.25*	
40 05 23 23-0899	EA	1", Type 316, Schedule 40 Stainless Steel Reducing Tee	229.09	77.66
		For Work In Restricted Working Space, Add	*51.77*	
40 05 23 23-0900	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Reducing Tee	310.01	87.25
		For Work In Restricted Working Space, Add	*58.17*	
40 05 23 23-0901	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Reducing Tee	291.70	99.47
		For Work In Restricted Working Space, Add	*66.32*	
40 05 23 23-0902	EA	2", Type 316, Schedule 40 Stainless Steel Reducing Tee	296.35	106.88
		For Work In Restricted Working Space, Add	*71.26*	
40 05 23 23-0903	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Reducing Tee	425.75	116.48
		For Work In Restricted Working Space, Add	*77.66*	
40 05 23 23-0904	EA	3", Type 316, Schedule 40 Stainless Steel Reducing Tee	411.11	139.62
		For Work In Restricted Working Space, Add	*93.09*	
40 05 23 23-0905	EA	4", Type 316, Schedule 40 Stainless Steel Reducing Tee	556.99	174.52
		For Work In Restricted Working Space, Add	*116.34*	
40 05 23 23-0906	EA	6", Type 316, Schedule 40 Stainless Steel Reducing Tee	805.92	199.40
		For Work In Restricted Working Space, Add	*132.93*	
40 05 23 23-0907	EA	8", Type 316, Schedule 40 Stainless Steel Reducing Tee	1,422.23	303.31
		For Work In Restricted Working Space, Add	*202.21*	
40 05 23 23-0908	EA	10", Type 316, Schedule 40 Stainless Steel Reducing Tee	3,105.78	404.43
		For Work In Restricted Working Space, Add	*269.62*	
40 05 23 23-0909	EA	12", Type 316, Schedule 40 Stainless Steel Reducing Tee	4,062.44	606.63
		For Work In Restricted Working Space, Add	*404.42*	
40 05 23 23-0910	EA	14", Type 316, Schedule 40 Stainless Steel Reducing Tee	4,597.85	728.80
		For Work In Restricted Working Space, Add	*485.87*	
40 05 23 23-0911	EA	16", Type 316, Schedule 40 Stainless Steel Reducing Tee	5,705.53	889.00
		For Work In Restricted Working Space, Add	*592.66*	
40 05 23 23-0912	EA	18", Type 316, Schedule 40 Stainless Steel Reducing Tee	7,380.51	1,132.38
		For Work In Restricted Working Space, Add	*754.92*	
40 05 23 23-0913	EA	20", Type 316, Schedule 40 Stainless Steel Reducing Tee	10,595.15	1,489.97
		For Work In Restricted Working Space, Add	*993.32*	
40 05 23 23-0914	EA	24", Type 316, Schedule 40 Stainless Steel Reducing Tee	16,629.61	2,262.76
		For Work In Restricted Working Space, Add	*1,508.51*	

40 05 23 23-0915 Type 316, Schedule 40 Stainless Steel Butt Weld Reducers *(40 05 23 23-0825)*

40 05 23 23-0916	EA	3/4", Type 316, Schedule 40 Stainless Steel Concentric Reducer	150.60	57.63
		For Work In Restricted Working Space, Add	*38.42*	
40 05 23 23-0917	EA	1", Type 316, Schedule 40 Stainless Steel Concentric Reducer	165.91	62.80
		For Work In Restricted Working Space, Add	*41.87*	
40 05 23 23-0918	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Concentric Reducer	181.38	69.62
		For Work In Restricted Working Space, Add	*46.42*	
40 05 23 23-0919	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Concentric Reducer	192.30	75.88
		For Work In Restricted Working Space, Add	*50.59*	
40 05 23 23-0920	EA	2", Type 316, Schedule 40 Stainless Steel Concentric Reducer	205.30	83.79
		For Work In Restricted Working Space, Add	*55.86*	
40 05 23 23-0921	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Concentric Reducer	281.95	104.71
		For Work In Restricted Working Space, Add	*69.80*	
40 05 23 23-0922	EA	3", Type 316, Schedule 40 Stainless Steel Concentric Reducer	299.27	119.21
		For Work In Restricted Working Space, Add	*79.47*	
40 05 23 23-0923	EA	4", Type 316, Schedule 40 Stainless Steel Concentric Reducer	344.78	139.68
		For Work In Restricted Working Space, Add	*93.12*	
40 05 23 23-0924	EA	6", Type 316, Schedule 40 Stainless Steel Concentric Reducer	482.24	177.83
		For Work In Restricted Working Space, Add	*118.55*	
40 05 23 23-0925	EA	8", Type 316, Schedule 40 Stainless Steel Concentric Reducer	852.07	291.18
		For Work In Restricted Working Space, Add	*194.12*	
40 05 23 23-0926	EA	10", Type 316, Schedule 40 Stainless Steel Concentric Reducer	1,155.74	363.98
		For Work In Restricted Working Space, Add	*242.66*	
40 05 23 23-0927	EA	12", Type 316, Schedule 40 Stainless Steel Concentric Reducer	1,453.79	485.30
		For Work In Restricted Working Space, Add	*323.54*	
40 05 23 23-0928	EA	14", Type 316, Schedule 40 Stainless Steel Concentric Reducer	2,139.24	636.96
		For Work In Restricted Working Space, Add	*424.64*	
40 05 23 23-0929	EA	16", Type 316, Schedule 40 Stainless Steel Concentric Reducer	2,469.37	725.88
		For Work In Restricted Working Space, Add	*483.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0930	EA	18", Type 316, Schedule 40 Stainless Steel Concentric Reducer	3,329.10	909.94
		For Work In Restricted Working Space, Add	*606.63*	
40 05 23 23-0931	EA	20", Type 316, Schedule 40 Stainless Steel Concentric Reducer	4,525.61	1,213.27
		For Work In Restricted Working Space, Add	*808.85*	
40 05 23 23-0932	EA	24", Type 316, Schedule 40 Stainless Steel Concentric Reducer	6,451.49	1,819.91
		For Work In Restricted Working Space, Add	*1,213.27*	
40 05 23 23-0933	EA	3/4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	193.76	57.63
		For Work In Restricted Working Space, Add	*38.42*	
40 05 23 23-0934	EA	1", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	205.25	62.80
		For Work In Restricted Working Space, Add	*41.87*	
40 05 23 23-0935	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	240.27	69.62
		For Work In Restricted Working Space, Add	*46.42*	
40 05 23 23-0936	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	246.15	75.88
		For Work In Restricted Working Space, Add	*50.59*	
40 05 23 23-0937	EA	2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	262.58	83.79
		For Work In Restricted Working Space, Add	*55.86*	
40 05 23 23-0938	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	310.21	104.71
		For Work In Restricted Working Space, Add	*69.80*	
40 05 23 23-0939	EA	3", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	409.64	119.21
		For Work In Restricted Working Space, Add	*79.47*	
40 05 23 23-0940	EA	4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	439.49	139.68
		For Work In Restricted Working Space, Add	*93.12*	
40 05 23 23-0941	EA	6", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	637.68	177.83
		For Work In Restricted Working Space, Add	*118.55*	
40 05 23 23-0942	EA	8", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	968.38	291.18
		For Work In Restricted Working Space, Add	*194.12*	
40 05 23 23-0943	EA	10", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	1,411.44	363.98
		For Work In Restricted Working Space, Add	*242.66*	
40 05 23 23-0944	EA	12", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	1,965.23	485.30
		For Work In Restricted Working Space, Add	*323.54*	
40 05 23 23-0945	EA	14", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	2,998.51	636.96
		For Work In Restricted Working Space, Add	*424.64*	
40 05 23 23-0946	EA	16", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	3,458.58	725.88
		For Work In Restricted Working Space, Add	*483.92*	
40 05 23 23-0947	EA	18", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	4,681.35	909.94
		For Work In Restricted Working Space, Add	*606.63*	
40 05 23 23-0948	EA	20", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	5,996.84	1,213.27
		For Work In Restricted Working Space, Add	*808.85*	
40 05 23 23-0949	EA	24", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	8,989.77	1,819.91
		For Work In Restricted Working Space, Add	*1,213.27*	

40 05 23 23-0950 Type 316, Schedule 40 Stainless Steel Butt Weld Caps *(40 05 23 23-0825)*

40 05 23 23-0951	EA	1/2", Type 316, Schedule 40 Stainless Steel Cap	83.89	29.84
		For Work In Restricted Working Space, Add	*19.90*	
40 05 23 23-0952	EA	3/4", Type 316, Schedule 40 Stainless Steel Cap	92.53	31.67
		For Work In Restricted Working Space, Add	*21.11*	
40 05 23 23-0953	EA	1", Type 316, Schedule 40 Stainless Steel Cap	102.56	34.81
		For Work In Restricted Working Space, Add	*23.21*	
40 05 23 23-0954	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Cap	118.46	37.94
		For Work In Restricted Working Space, Add	*25.29*	
40 05 23 23-0955	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Cap	114.11	41.90
		For Work In Restricted Working Space, Add	*27.93*	
40 05 23 23-0956	EA	2", Type 316, Schedule 40 Stainless Steel Cap	129.93	46.60
		For Work In Restricted Working Space, Add	*31.07*	
40 05 23 23-0957	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Cap	161.73	59.66
		For Work In Restricted Working Space, Add	*39.77*	
40 05 23 23-0958	EA	3", Type 316, Schedule 40 Stainless Steel Cap	184.79	69.92
		For Work In Restricted Working Space, Add	*46.61*	
40 05 23 23-0959	EA	4", Type 316, Schedule 40 Stainless Steel Cap	228.37	83.68
		For Work In Restricted Working Space, Add	*55.79*	
40 05 23 23-0960	EA	6", Type 316, Schedule 40 Stainless Steel Cap	324.34	104.71
		For Work In Restricted Working Space, Add	*69.80*	
40 05 23 23-0961	EA	8", Type 316, Schedule 40 Stainless Steel Cap	571.89	181.99
		For Work In Restricted Working Space, Add	*121.33*	
40 05 23 23-0962	EA	10", Type 316, Schedule 40 Stainless Steel Cap	767.73	242.66
		For Work In Restricted Working Space, Add	*161.77*	
40 05 23 23-0963	EA	12", Type 316, Schedule 40 Stainless Steel Cap	1,143.75	363.97
		For Work In Restricted Working Space, Add	*242.66*	
40 05 23 23-0964	EA	14", Type 316, Schedule 40 Stainless Steel Cap	1,298.90	424.65
		For Work In Restricted Working Space, Add	*283.10*	
40 05 23 23-0965	EA	16", Type 316, Schedule 40 Stainless Steel Cap	1,456.01	484.38
		For Work In Restricted Working Space, Add	*322.93*	
40 05 23 23-0966	EA	18", Type 316, Schedule 40 Stainless Steel Cap	1,864.83	606.63
		For Work In Restricted Working Space, Add	*404.42*	
40 05 23 23-0967	EA	20", Type 316, Schedule 40 Stainless Steel Cap	2,554.44	849.29
		For Work In Restricted Working Space, Add	*566.19*	
40 05 23 23-0968	EA	24", Type 316, Schedule 40 Stainless Steel Cap	4,000.72	1,213.26
		For Work In Restricted Working Space, Add	*808.85*	

40 05 23 23-0969 Type 316, Schedule 40 Stainless Steel Butt Half Coupling *(40 05 23 23-0825)*

Note: Threaded Female x Butt Weld Straight Adapter

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0970	EA	1/2", Type 316, Schedule 40 Stainless Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	127.75	59.69
		For Work In Restricted Working Space, Add	*35.81*	
40 05 23 23-0971	EA	3/4", Type 316, Schedule 40 Stainless Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	138.89	63.41
		For Work In Restricted Working Space, Add	*38.01*	
40 05 23 23-0972	EA	1", Type 316, Schedule 40 Stainless Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	159.07	69.58
		For Work In Restricted Working Space, Add	*41.78*	
40 05 23 23-0973	EA	1-1/4", Type 316, Schedule 40 Stainless Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	181.70	75.85
		For Work In Restricted Working Space, Add	*45.51*	
40 05 23 23-0974	EA	1-1/2", Type 316, Schedule 40 Stainless Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	209.47	83.76
		For Work In Restricted Working Space, Add	*50.26*	
40 05 23 23-0975	EA	2", Type 316, Schedule 40 Stainless Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	233.94	93.19
		For Work In Restricted Working Space, Add	*55.95*	
40 05 23 23-0976	EA	2-1/2", Type 316, Schedule 40 Stainless Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	354.02	119.37
		For Work In Restricted Working Space, Add	*71.59*	
40 05 23 23-0977	EA	3", Type 316, Schedule 40 Stainless Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	424.88	139.85
		For Work In Restricted Working Space, Add	*83.91*	
40 05 23 23-0978	EA	4", Type 316, Schedule 40 Stainless Steel, Threaded Female x Butt Weld Straight Adapter, Half Coupling	574.19	167.41
		For Work In Restricted Working Space, Add	*100.41*	

40 05 23 23-0979 Stainless Steel Thread-O-Let Fittings *(40 05 23 23-0212)*

40 05 23 23-0980	EA	1/2", Stainless Steel Thread-o-let Fitting	99.86	36.19
		For Work In Restricted Working Space, Add	*24.14*	
40 05 23 23-0981	EA	3/4", Stainless Steel Thread-o-let Fitting	131.53	48.26
		For Work In Restricted Working Space, Add	*32.18*	
40 05 23 23-0982	EA	1", Stainless Steel Thread-o-let Fitting	161.89	59.85
		For Work In Restricted Working Space, Add	*39.90*	
40 05 23 23-0983	EA	1-1/4", Stainless Steel Thread-o-let Fitting	233.05	84.69
		For Work In Restricted Working Space, Add	*56.46*	
40 05 23 23-0984	EA	1-1/2", Stainless Steel Thread-o-let Fitting	257.08	95.51
		For Work In Restricted Working Space, Add	*63.67*	
40 05 23 23-0985	EA	2", Stainless Steel Thread-o-let Fitting	320.66	121.33
		For Work In Restricted Working Space, Add	*80.88*	
40 05 23 23-0986	EA	2-1/2", Stainless Steel Thread-o-let Fitting	586.89	187.04
		For Work In Restricted Working Space, Add	*124.69*	
40 05 23 23-0987	EA	3", Stainless Steel Thread-o-let Fitting	791.68	238.77
		For Work In Restricted Working Space, Add	*159.18*	
40 05 23 23-0988	EA	4", Stainless Steel Thread-o-let Fitting	1,051.20	299.25
		For Work In Restricted Working Space, Add	*199.50*	

40 05 23 23-0989 Stainless Steel Flanges *(40 05 23 23-0212)*

40 05 23 23-0990 150 Lb., Type 304 Stainless Steel Raised Face Threaded Flange *(40 05 23 23-0989)*

40 05 23 23-0991	EA	1/2", 150 Lb., Type 304 Stainless Steel Raised Face Threaded Flange	78.10	20.12
		For Work In Restricted Working Space, Add	*12.07*	
40 05 23 23-0992	EA	3/4", 150 Lb., Type 304 Stainless Steel Raised Face Threaded Flange	95.72	26.82
		For Work In Restricted Working Space, Add	*16.09*	
40 05 23 23-0993	EA	1", 150 Lb., Type 304 Stainless Steel Raised Face Threaded Flange	113.65	33.25
		For Work In Restricted Working Space, Add	*19.95*	
40 05 23 23-0994	EA	1-1/4", 150 Lb., Type 304 Stainless Steel Raised Face Threaded Flange	153.88	47.06
		For Work In Restricted Working Space, Add	*28.23*	
40 05 23 23-0995	EA	1-1/2", 150 Lb., Type 304 Stainless Steel Raised Face Threaded Flange	165.90	53.06
		For Work In Restricted Working Space, Add	*31.84*	
40 05 23 23-0996	EA	2", 150 Lb., Type 304 Stainless Steel Raised Face Threaded Flange	213.12	67.39
		For Work In Restricted Working Space, Add	*40.44*	
40 05 23 23-0997	EA	2-1/2", 150 Lb., Type 304 Stainless Steel Raised Face Threaded Flange	317.26	103.87
		For Work In Restricted Working Space, Add	*62.35*	
40 05 23 23-0998	EA	3", 150 Lb., Type 304 Stainless Steel Raised Face Threaded Flange	379.79	211.98
		For Work In Restricted Working Space, Add	*79.59*	
40 05 23 23-0999	EA	4", 150 Lb., Type 304 Stainless Steel Raised Face Threaded Flange	489.10	166.21
		For Work In Restricted Working Space, Add	*99.75*	

40 05 23 23-1000 300 Lb., Type 304 Stainless Steel Raised Face Threaded Flange *(40 05 23 23-0989)*

40 05 23 23-1001	EA	1/2", 300 Lb., Type 304 Stainless Steel Raised Face Threaded Flange	100.00	20.12
		For Work In Restricted Working Space, Add	*12.07*	
40 05 23 23-1002	EA	3/4", 300 Lb., Type 304 Stainless Steel Raised Face Threaded Flange	113.41	26.82
		For Work In Restricted Working Space, Add	*16.09*	
40 05 23 23-1003	EA	1", 300 Lb., Type 304 Stainless Steel Raised Face Threaded Flange	126.28	33.25
		For Work In Restricted Working Space, Add	*19.95*	
40 05 23 23-1004	EA	1-1/4", 300 Lb., Type 304 Stainless Steel Raised Face Threaded Flange	185.89	47.06
		For Work In Restricted Working Space, Add	*28.23*	
40 05 23 23-1005	EA	1-1/2", 300 Lb., Type 304 Stainless Steel Raised Face Threaded Flange	197.91	53.06
		For Work In Restricted Working Space, Add	*31.84*	
40 05 23 23-1006	EA	2", 300 Lb., Type 304 Stainless Steel Raised Face Threaded Flange	245.95	67.39
		For Work In Restricted Working Space, Add	*40.44*	
40 05 23 23-1007	EA	2-1/2", 300 Lb., Type 304 Stainless Steel Raised Face Threaded Flange	390.51	103.87
		For Work In Restricted Working Space, Add	*62.35*	
40 05 23 23-1008	EA	3", 300 Lb., Type 304 Stainless Steel Raised Face Threaded Flange	454.70	211.98
		For Work In Restricted Working Space, Add	*79.59*	
40 05 23 23-1009	EA	4", 300 Lb., Type 304 Stainless Steel Raised Face Threaded Flange	604.44	166.21
		For Work In Restricted Working Space, Add	*99.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1010		**150 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange** *(40 05 23 23-0989)*		
40 05 23 23-1011	EA	1/2", 150 Lb., Type 304 Stainless Steel Weld Neck Flange	104.20	29.83
		For Work In Restricted Working Space, Add	*19.90*	
40 05 23 23-1012	EA	3/4", 150 Lb., Type 304 Stainless Steel Weld Neck Flange	112.47	31.67
		For Work In Restricted Working Space, Add	*21.11*	
40 05 23 23-1013	EA	1", 150 Lb., Type 304 Stainless Steel Weld Neck Flange	126.17	34.81
		For Work In Restricted Working Space, Add	*23.21*	
40 05 23 23-1014	EA	1-1/4", 150 Lb., Type 304 Stainless Steel Weld Neck Flange	154.28	37.97
		For Work In Restricted Working Space, Add	*25.31*	
40 05 23 23-1015	EA	1-1/2", 150 Lb., Type 304 Stainless Steel Weld Neck Flange	162.90	41.85
		For Work In Restricted Working Space, Add	*27.90*	
40 05 23 23-1016	EA	2", 150 Lb., Type 304 Stainless Steel Weld Neck Flange	181.06	46.62
		For Work In Restricted Working Space, Add	*31.08*	
40 05 23 23-1017	EA	2-1/2", 150 Lb., Type 304 Stainless Steel Weld Neck Flange	249.53	59.61
		For Work In Restricted Working Space, Add	*39.74*	
40 05 23 23-1018	EA	3", 150 Lb., Type 304 Stainless Steel Weld Neck Flange	283.07	69.79
		For Work In Restricted Working Space, Add	*46.53*	
40 05 23 23-1019	EA	4", 150 Lb., Type 304 Stainless Steel Weld Neck Flange	364.32	83.63
		For Work In Restricted Working Space, Add	*55.75*	
40 05 23 23-1020	EA	6", 150 Lb., Type 304 Stainless Steel Weld Neck Flange	540.32	104.49
		For Work In Restricted Working Space, Add	*69.66*	
40 05 23 23-1021	EA	8", 150 Lb., Type 304 Stainless Steel Weld Neck Flange	926.36	181.99
		For Work In Restricted Working Space, Add	*121.33*	
40 05 23 23-1022	EA	10", 150 Lb., Type 304 Stainless Steel Weld Neck Flange	1,309.49	242.65
		For Work In Restricted Working Space, Add	*161.77*	
40 05 23 23-1023	EA	12", 150 Lb., Type 304 Stainless Steel Weld Neck Flange	2,010.95	363.97
		For Work In Restricted Working Space, Add	*242.66*	
40 05 23 23-1024	EA	14", 150 Lb., Type 304 Stainless Steel Weld Neck Flange	2,505.80	424.65
		For Work In Restricted Working Space, Add	*283.10*	
40 05 23 23-1025	EA	16", 150 Lb., Type 304 Stainless Steel Weld Neck Flange	3,114.90	484.38
		For Work In Restricted Working Space, Add	*322.93*	
40 05 23 23-1026	EA	18", 150 Lb., Type 304 Stainless Steel Weld Neck Flange	3,824.39	606.63
		For Work In Restricted Working Space, Add	*404.42*	
40 05 23 23-1027	EA	20", 150 Lb., Type 304 Stainless Steel Weld Neck Flange	4,972.43	849.29
		For Work In Restricted Working Space, Add	*566.19*	
40 05 23 23-1028	EA	24", 150 Lb., Type 304 Stainless Steel Weld Neck Flange	7,068.06	1,213.26
		For Work In Restricted Working Space, Add	*808.85*	
40 05 23 23-1029		**300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange** *(40 05 23 23-0989)*		
40 05 23 23-1030	EA	1/2", 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange	130.31	29.83
		For Work In Restricted Working Space, Add	*19.90*	
40 05 23 23-1031	EA	3/4", 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange	134.37	31.67
		For Work In Restricted Working Space, Add	*21.11*	
40 05 23 23-1032	EA	1", 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange	141.35	34.81
		For Work In Restricted Working Space, Add	*23.21*	
40 05 23 23-1033	EA	1-1/4", 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange	183.70	37.97
		For Work In Restricted Working Space, Add	*25.31*	
40 05 23 23-1034	EA	1-1/2", 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange	192.32	41.85
		For Work In Restricted Working Space, Add	*27.90*	
40 05 23 23-1035	EA	2", 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange	206.32	46.62
		For Work In Restricted Working Space, Add	*31.08*	
40 05 23 23-1036	EA	2-1/2", 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange	293.28	59.61
		For Work In Restricted Working Space, Add	*39.74*	
40 05 23 23-1037	EA	3", 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange	331.88	69.79
		For Work In Restricted Working Space, Add	*46.53*	
40 05 23 23-1038	EA	4", 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange	478.78	83.63
		For Work In Restricted Working Space, Add	*55.75*	
40 05 23 23-1039	EA	6", 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange	669.96	104.49
		For Work In Restricted Working Space, Add	*69.66*	
40 05 23 23-1040	EA	8", 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange	1,249.61	181.99
		For Work In Restricted Working Space, Add	*121.33*	
40 05 23 23-1041	EA	10", 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange	1,736.31	242.65
		For Work In Restricted Working Space, Add	*161.77*	
40 05 23 23-1042	EA	12", 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange	2,553.12	363.97
		For Work In Restricted Working Space, Add	*242.66*	
40 05 23 23-1043	EA	14", 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange	3,362.85	424.65
		For Work In Restricted Working Space, Add	*283.10*	
40 05 23 23-1044	EA	16", 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange	4,139.83	484.38
		For Work In Restricted Working Space, Add	*322.93*	
40 05 23 23-1045	EA	18", 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange	5,283.86	606.63
		For Work In Restricted Working Space, Add	*404.42*	
40 05 23 23-1046	EA	20", 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange	6,839.76	849.29
		For Work In Restricted Working Space, Add	*566.19*	
40 05 23 23-1047	EA	24", 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange	9,952.04	1,213.26
		For Work In Restricted Working Space, Add	*808.85*	
40 05 23 23-1048		**150 Lb., Type 304 Stainless Steel Raised Face Slip-On Flanges** *(40 05 23 23-0989)*		
40 05 23 23-1049	EA	1/2", 150 Lb., Type 304 Stainless Steel Slip-On Flange	166.29	59.68
		For Work In Restricted Working Space, Add	*39.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1050	EA	3/4", 150 Lb., Type 304 Stainless Steel Slip-On Flange	175.29	63.34
		For Work In Restricted Working Space, Add	*42.23*	
40 05 23 23-1051	EA	1", 150 Lb., Type 304 Stainless Steel Slip-On Flange	192.61	69.62
		For Work In Restricted Working Space, Add	*46.42*	
40 05 23 23-1052	EA	1-1/4", 150 Lb., Type 304 Stainless Steel Slip-On Flange	220.11	75.93
		For Work In Restricted Working Space, Add	*50.63*	
40 05 23 23-1053	EA	1-1/2", 150 Lb., Type 304 Stainless Steel Slip-On Flange	237.37	83.70
		For Work In Restricted Working Space, Add	*55.80*	
40 05 23 23-1054	EA	2", 150 Lb., Type 304 Stainless Steel Slip-On Flange	273.75	93.23
		For Work In Restricted Working Space, Add	*62.16*	
40 05 23 23-1055	EA	2-1/2", 150 Lb., Type 304 Stainless Steel Slip-On Flange	358.42	119.23
		For Work In Restricted Working Space, Add	*79.49*	
40 05 23 23-1056	EA	3", 150 Lb., Type 304 Stainless Steel Slip-On Flange	410.43	139.59
		For Work In Restricted Working Space, Add	*93.07*	
40 05 23 23-1057	EA	4", 150 Lb., Type 304 Stainless Steel Slip-On Flange	508.09	167.27
		For Work In Restricted Working Space, Add	*111.51*	
40 05 23 23-1058	EA	6", 150 Lb., Type 304 Stainless Steel Slip-On Flange	672.35	208.97
		For Work In Restricted Working Space, Add	*139.32*	
40 05 23 23-1059	EA	8", 150 Lb., Type 304 Stainless Steel Slip-On Flange	1,202.00	363.97
		For Work In Restricted Working Space, Add	*242.66*	
40 05 23 23-1060	EA	10" 150 Lb., Type 304 Stainless Steel Raised Face Slip-On Flange	1,688.77	485.30
		For Work In Restricted Working Space, Add	*323.54*	
40 05 23 23-1061	EA	12" 150 Lb., Type 304 Stainless Steel Raised Face Slip-On Flange	2,519.28	727.95
		For Work In Restricted Working Space, Add	*485.30*	

40 05 23 23-1062 300 Lb., Type 304 Stainless Steel Raised Face Slip-On Flanges *(40 05 23 23-0989)*

40 05 23 23-1063	EA	1/2", 300 Lb., Type 304 Stainless Steel Raised Neck Slip-On Flange	183.13	59.68
		For Work In Restricted Working Space, Add	*39.79*	
40 05 23 23-1064	EA	3/4", 300 Lb., Type 304 Stainless Steel Raised Face Slip-On Flange	191.28	63.34
		For Work In Restricted Working Space, Add	*42.23*	
40 05 23 23-1065	EA	1", 300 Lb., Type 304 Stainless Steel Raised Face Slip-On Flange	205.24	69.62
		For Work In Restricted Working Space, Add	*46.42*	
40 05 23 23-1066	EA	1-1/4", 300 Lb., Type 304 Stainless Steel Raised Face Slip-On Flange	246.21	75.93
		For Work In Restricted Working Space, Add	*50.63*	
40 05 23 23-1067	EA	1-1/2", 300 Lb., Type 304 Stainless Steel Raised Face Slip-On Flange	263.47	83.70
		For Work In Restricted Working Space, Add	*55.80*	
40 05 23 23-1068	EA	2", 300 Lb., Type 304 Stainless Steel Raised Face Slip-On Flange	291.39	93.23
		For Work In Restricted Working Space, Add	*62.16*	
40 05 23 23-1069	EA	2-1/2", 300 Lb., Type 304 Stainless Steel Raised Face Slip-On Flange	424.11	119.23
		For Work In Restricted Working Space, Add	*79.49*	
40 05 23 23-1070	EA	3", 300 Lb., Type 304 Stainless Steel Raised Face Slip-On Flange	476.08	139.59
		For Work In Restricted Working Space, Add	*93.07*	
40 05 23 23-1071	EA	4", 300 Lb., Type 304 Stainless Steel Raised Face Slip-On Flange	598.99	167.27
		For Work In Restricted Working Space, Add	*111.51*	
40 05 23 23-1072	EA	6", 300 Lb., Type 304 Stainless Steel Raised Face Slip-On Flange	929.10	208.97
		For Work In Restricted Working Space, Add	*139.32*	
40 05 23 23-1073	EA	8", 300 Lb., Type 304 Stainless Steel Raised Face Slip-On Flange	1,461.26	363.97
		For Work In Restricted Working Space, Add	*242.66*	
40 05 23 23-1074	EA	10", 300 Lb., Type 304 Stainless Steel Raised Face Slip-On Flange	2,106.32	485.30
		For Work In Restricted Working Space, Add	*323.54*	
40 05 23 23-1075	EA	12", 300 Lb., Type 304 Stainless Steel Raised Face Slip-On Flange	3,056.38	727.95
		For Work In Restricted Working Space, Add	*485.30*	

40 05 23 23-1076 150 Lb., Type 304 Stainless Steel Blind Flanges *(40 05 23 23-0989)*

40 05 23 23-1077	EA	1/2", 150 Lb., Type 304 Stainless Steel Raised Face Blind Flange	62.46	11.92
		For Work In Restricted Working Space, Add	*7.96*	
40 05 23 23-1078	EA	3/4", 150 Lb., Type 304 Stainless Steel Raised Face Blind Flange	65.19	12.66
		For Work In Restricted Working Space, Add	*8.45*	
40 05 23 23-1079	EA	1", 150 Lb., Type 304 Stainless Steel Raised Face Blind Flange	70.53	13.91
		For Work In Restricted Working Space, Add	*9.29*	
40 05 23 23-1080	EA	1-1/4", 150 Lb., Type 304 Stainless Steel Raised Face Blind Flange	90.86	15.49
		For Work In Restricted Working Space, Add	*10.33*	
40 05 23 23-1081	EA	1-1/2", 150 Lb., Type 304 Stainless Steel Raised Face Blind Flange	102.96	20.94
		For Work In Restricted Working Space, Add	*13.96*	
40 05 23 23-1082	EA	2", 150 Lb., Type 304 Stainless Steel Raised Face Blind Flange	121.55	23.25
		For Work In Restricted Working Space, Add	*15.50*	
40 05 23 23-1083	EA	2-1/2", 150 Lb., Type 304 Stainless Steel Raised Face Blind Flange	165.75	29.88
		For Work In Restricted Working Space, Add	*19.93*	
40 05 23 23-1084	EA	3", 150 Lb., Type 304 Stainless Steel Raised Face Blind Flange	202.51	41.89
		For Work In Restricted Working Space, Add	*27.92*	
40 05 23 23-1085	EA	4", 150 Lb., Type 304 Stainless Steel Raised Face Blind Flange	308.31	69.78
		For Work In Restricted Working Space, Add	*46.52*	
40 05 23 23-1086	EA	6", 150 Lb., Type 304 Stainless Steel Raised Face Blind Flange	423.34	89.73
		For Work In Restricted Working Space, Add	*59.82*	
40 05 23 23-1087	EA	8", 150 Lb., Type 304 Stainless Steel Raised Face Blind Flange	661.62	113.23
		For Work In Restricted Working Space, Add	*75.49*	
40 05 23 23-1088	EA	10", 150 Lb., Type 304 Stainless Steel Raised Face Blind Flange	1,014.16	135.89
		For Work In Restricted Working Space, Add	*90.59*	
40 05 23 23-1089	EA	12", 150 Lb., Type 304 Stainless Steel Raised Face Blind Flange	1,341.34	169.86
		For Work In Restricted Working Space, Add	*113.24*	
40 05 23 23-1090	EA	14", 150 Lb., Type 304 Stainless Steel Raised Face Blind Flange	1,704.85	212.32
		For Work In Restricted Working Space, Add	*141.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1091	EA	16", 150 Lb., Type 304 Stainless Steel Raised Face Blind Flange	2,197.04	242.19
		For Work In Restricted Working Space, Add	*161.46*	
40 05 23 23-1092	EA	18", 150 Lb., Type 304 Stainless Steel Raised Face Blind Flange	2,599.00	303.31
		For Work In Restricted Working Space, Add	*202.22*	
40 05 23 23-1093	EA	20", 150 Lb., Type 304 Stainless Steel Raised Face Blind Flange	3,454.08	424.65
		For Work In Restricted Working Space, Add	*283.10*	
40 05 23 23-1094	EA	24", 150 Lb., Type 304 Stainless Steel Raised Face Blind Flange	5,029.42	606.63
		For Work In Restricted Working Space, Add	*404.42*	
40 05 23 23-1095		**300 Lb., Type 304 Stainless Steel Blind Flanges** *(40 05 23 23-0989)*		
40 05 23 23-1096	EA	1/2", 300 Lb., Type 304 Stainless Steel Raised Face Blind Flange	79.59	11.92
		For Work In Restricted Working Space, Add	*7.96*	
40 05 23 23-1097	EA	3/4", 300 Lb., Type 304 Stainless Steel Raised Face Blind Flange	81.22	12.66
		For Work In Restricted Working Space, Add	*8.45*	
40 05 23 23-1098	EA	1", 300 Lb., Type 304 Stainless Steel Raised Face Blind Flange	84.01	13.91
		For Work In Restricted Working Space, Add	*9.29*	
40 05 23 23-1099	EA	1-1/4", 300 Lb., Type 304 Stainless Steel Raised Face Blind Flange	106.84	15.49
		For Work In Restricted Working Space, Add	*10.33*	
40 05 23 23-1100	EA	1-1/2", 300 Lb., Type 304 Stainless Steel Raised Face Blind Flange	118.94	20.94
		For Work In Restricted Working Space, Add	*13.96*	
40 05 23 23-1101	EA	2", 300 Lb., Type 304 Stainless Steel Raised Face Blind Flange	129.96	23.25
		For Work In Restricted Working Space, Add	*15.50*	
40 05 23 23-1102	EA	2-1/2", 300 Lb., Type 304 Stainless Steel Raised Face Blind Flange	224.67	29.88
		For Work In Restricted Working Space, Add	*19.93*	
40 05 23 23-1103	EA	3", 300 Lb., Type 304 Stainless Steel Raised Face Blind Flange	257.65	41.89
		For Work In Restricted Working Space, Add	*27.92*	
40 05 23 23-1104	EA	4", 300 Lb., Type 304 Stainless Steel Raised Face Blind Flange	377.31	69.78
		For Work In Restricted Working Space, Add	*46.52*	
40 05 23 23-1105	EA	6", 300 Lb., Type 304 Stainless Steel Raised Face Blind Flange	707.86	89.73
		For Work In Restricted Working Space, Add	*59.82*	
40 05 23 23-1106	EA	8", 300 Lb., Type 304 Stainless Steel Raised Face Blind Flange	1,001.71	113.23
		For Work In Restricted Working Space, Add	*75.49*	
40 05 23 23-1107	EA	10", 300 Lb., Type 304 Stainless Steel Raised Face Blind Flange	1,428.31	135.89
		For Work In Restricted Working Space, Add	*90.59*	
40 05 23 23-1108	EA	12", 300 Lb., Type 304 Stainless Steel Raised Face Blind Flange	1,976.92	169.86
		For Work In Restricted Working Space, Add	*113.24*	
40 05 23 23-1109	EA	14", 300 Lb., Type 304 Stainless Steel Raised Face Blind Flange	2,764.92	212.32
		For Work In Restricted Working Space, Add	*141.55*	
40 05 23 23-1110	EA	16", 300 Lb., Type 304 Stainless Steel Raised Face Blind Flange	3,535.41	242.19
		For Work In Restricted Working Space, Add	*161.46*	
40 05 23 23-1111	EA	18", 300 Lb., Type 304 Stainless Steel Raised Face Blind Flange	4,613.23	303.31
		For Work In Restricted Working Space, Add	*202.22*	
40 05 23 23-1112	EA	20", 300 Lb., Type 304 Stainless Steel Raised Face Blind Flange	5,843.85	424.65
		For Work In Restricted Working Space, Add	*283.10*	
40 05 23 23-1113	EA	24", 300 Lb., Type 304 Stainless Steel Raised Face Blind Flange	8,960.01	606.63
		For Work In Restricted Working Space, Add	*404.42*	
40 05 23 23-1114		**150 Lb., Type 316 Stainless Steel Raised Face Threaded Flange** *(40 05 23 23-0989)*		
40 05 23 23-1115	EA	1/2", 150 Lb., Type 316 Stainless Steel Raised Face Threaded Flange	93.28	20.12
		For Work In Restricted Working Space, Add	*12.07*	
40 05 23 23-1116	EA	3/4", 150 Lb., Type 316 Stainless Steel Raised Face Threaded Flange	115.11	26.82
		For Work In Restricted Working Space, Add	*16.09*	
40 05 23 23-1117	EA	1", 150 Lb., Type 316 Stainless Steel Raised Face Threaded Flange	132.14	33.25
		For Work In Restricted Working Space, Add	*19.95*	
40 05 23 23-1118	EA	1-1/4", 150 Lb., Type 316 Stainless Steel Raised Face Threaded Flange	181.64	47.06
		For Work In Restricted Working Space, Add	*28.23*	
40 05 23 23-1119	EA	1-1/2", 150 Lb., Type 316 Stainless Steel Raised Face Threaded Flange	193.66	53.06
		For Work In Restricted Working Space, Add	*31.84*	
40 05 23 23-1120	EA	2", 150 Lb., Type 316 Stainless Steel Raised Face Threaded Flange	243.44	67.39
		For Work In Restricted Working Space, Add	*40.44*	
40 05 23 23-1121	EA	2-1/2", 150 Lb., Type 316 Stainless Steel Raised Face Threaded Flange	361.05	103.87
		For Work In Restricted Working Space, Add	*62.35*	
40 05 23 23-1122	EA	3", 150 Lb., Type 316 Stainless Steel Raised Face Threaded Flange	436.20	211.98
		For Work In Restricted Working Space, Add	*79.59*	
40 05 23 23-1123	EA	4", 150 Lb., Type 316 Stainless Steel Raised Face Threaded Flange	568.22	166.21
		For Work In Restricted Working Space, Add	*99.75*	
40 05 23 23-1124		**300 Lb., Type 316 Stainless Steel Raised Face Threaded Flange** *(40 05 23 23-0989)*		
40 05 23 23-1125	EA	1/2", 300 Lb., Type 316 Stainless Steel Raised Face Threaded Flange	121.89	20.12
		For Work In Restricted Working Space, Add	*12.07*	
40 05 23 23-1126	EA	3/4", 300 Lb., Type 316 Stainless Steel Raised Face Threaded Flange	135.30	26.82
		For Work In Restricted Working Space, Add	*16.09*	
40 05 23 23-1127	EA	1", 300 Lb., Type 316 Stainless Steel Raised Face Threaded Flange	148.17	33.25
		For Work In Restricted Working Space, Add	*19.95*	
40 05 23 23-1128	EA	1-1/4", 300 Lb., Type 316 Stainless Steel Raised Face Threaded Flange	227.98	47.06
		For Work In Restricted Working Space, Add	*28.23*	
40 05 23 23-1129	EA	1-1/2", 300 Lb., Type 316 Stainless Steel Raised Face Threaded Flange	240.00	53.06
		For Work In Restricted Working Space, Add	*31.84*	
40 05 23 23-1130	EA	2", 300 Lb., Type 316 Stainless Steel Raised Face Threaded Flange	282.98	67.39
		For Work In Restricted Working Space, Add	*40.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1131	EA	2-1/2", 300 Lb., Type 316 Stainless Steel Raised Face Threaded Flange	473.84	103.87
		For Work In Restricted Working Space, Add	*62.35*	
40 05 23 23-1132	EA	3", 300 Lb., Type 316 Stainless Steel Raised Face Threaded Flange	539.73	211.98
		For Work In Restricted Working Space, Add	*79.59*	
40 05 23 23-1133	EA	4", 300 Lb., Type 316 Stainless Steel Raised Face Threaded Flange	739.94	166.21
		For Work In Restricted Working Space, Add	*99.75*	
40 05 23 23-1134		**150 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange** *(40 05 23 23-0989)*		
40 05 23 23-1135	EA	1/2", 150 Lb., Type 316 Stainless Steel Weld Neck Flange	123.55	29.83
		For Work In Restricted Working Space, Add	*19.90*	
40 05 23 23-1136	EA	3/4", 150 Lb., Type 316 Stainless Steel Weld Neck Flange	131.86	31.67
		For Work In Restricted Working Space, Add	*21.11*	
40 05 23 23-1137	EA	1", 150 Lb., Type 316 Stainless Steel Weld Neck Flange	148.06	34.81
		For Work In Restricted Working Space, Add	*23.21*	
40 05 23 23-1138	EA	1-1/4", 150 Lb., Type 316 Stainless Steel Weld Neck Flange	182.89	37.97
		For Work In Restricted Working Space, Add	*25.31*	
40 05 23 23-1139	EA	1-1/2", 150 Lb., Type 316 Stainless Steel Weld Neck Flange	191.51	41.85
		For Work In Restricted Working Space, Add	*27.90*	
40 05 23 23-1140	EA	2", 150 Lb., Type 316 Stainless Steel Weld Neck Flange	210.53	46.62
		For Work In Restricted Working Space, Add	*31.08*	
40 05 23 23-1141	EA	2-1/2", 150 Lb., Type 316 Stainless Steel Weld Neck Flange	299.14	59.61
		For Work In Restricted Working Space, Add	*39.74*	
40 05 23 23-1142	EA	3", 150 Lb., Type 316 Stainless Steel Weld Neck Flange	327.67	69.79
		For Work In Restricted Working Space, Add	*46.53*	
40 05 23 23-1143	EA	4", 150 Lb., Type 316 Stainless Steel Weld Neck Flange	440.09	83.63
		For Work In Restricted Working Space, Add	*55.75*	
40 05 23 23-1144	EA	6", 150 Lb., Type 316 Stainless Steel Weld Neck Flange	671.66	104.49
		For Work In Restricted Working Space, Add	*69.66*	
40 05 23 23-1145	EA	8", 150 Lb., Type 316 Stainless Steel Weld Neck Flange	1,129.24	181.99
		For Work In Restricted Working Space, Add	*121.33*	
40 05 23 23-1146	EA	10", 150 Lb., Type 316 Stainless Steel Weld Neck Flange	1,647.92	242.65
		For Work In Restricted Working Space, Add	*161.77*	
40 05 23 23-1147	EA	12", 150 Lb., Type 316 Stainless Steel Weld Neck Flange	2,458.01	363.97
		For Work In Restricted Working Space, Add	*242.66*	
40 05 23 23-1148	EA	14", 150 Lb., Type 316 Stainless Steel Weld Neck Flange	2,876.05	424.65
		For Work In Restricted Working Space, Add	*283.10*	
40 05 23 23-1149	EA	16", 150 Lb., Type 316 Stainless Steel Weld Neck Flange	3,598.05	484.38
		For Work In Restricted Working Space, Add	*322.93*	
40 05 23 23-1150	EA	18", 150 Lb., Type 316 Stainless Steel Weld Neck Flange	4,411.32	606.63
		For Work In Restricted Working Space, Add	*404.42*	
40 05 23 23-1151	EA	20", 150 Lb., Type 316 Stainless Steel Weld Neck Flange	5,703.66	849.29
		For Work In Restricted Working Space, Add	*566.19*	
40 05 23 23-1152	EA	24", 150 Lb., Type 316 Stainless Steel Weld Neck Flange	8,104.27	1,213.26
		For Work In Restricted Working Space, Add	*808.85*	
40 05 23 23-1153		**300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange** *(40 05 23 23-0989)*		
40 05 23 23-1154	EA	1/2", 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange	155.56	29.83
		For Work In Restricted Working Space, Add	*19.90*	
40 05 23 23-1155	EA	3/4", 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange	159.62	31.67
		For Work In Restricted Working Space, Add	*21.11*	
40 05 23 23-1156	EA	1", 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange	166.60	34.81
		For Work In Restricted Working Space, Add	*23.21*	
40 05 23 23-1157	EA	1-1/4", 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange	218.26	37.97
		For Work In Restricted Working Space, Add	*25.31*	
40 05 23 23-1158	EA	1-1/2", 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange	226.88	41.85
		For Work In Restricted Working Space, Add	*27.90*	
40 05 23 23-1159	EA	2", 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange	248.41	46.62
		For Work In Restricted Working Space, Add	*31.08*	
40 05 23 23-1160	EA	2-1/2", 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange	365.68	59.61
		For Work In Restricted Working Space, Add	*39.74*	
40 05 23 23-1161	EA	3", 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange	400.08	69.79
		For Work In Restricted Working Space, Add	*46.53*	
40 05 23 23-1162	EA	4", 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange	605.05	83.63
		For Work In Restricted Working Space, Add	*55.75*	
40 05 23 23-1163	EA	6", 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange	982.28	104.49
		For Work In Restricted Working Space, Add	*69.66*	
40 05 23 23-1164	EA	8", 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange	1,568.69	181.99
		For Work In Restricted Working Space, Add	*121.33*	
40 05 23 23-1165	EA	10", 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange	2,253.18	242.65
		For Work In Restricted Working Space, Add	*161.77*	
40 05 23 23-1166	EA	12", 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange	3,312.41	363.97
		For Work In Restricted Working Space, Add	*242.66*	
40 05 23 23-1167	EA	14", 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange	4,467.22	424.65
		For Work In Restricted Working Space, Add	*283.10*	
40 05 23 23-1168	EA	16", 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange	5,538.29	484.38
		For Work In Restricted Working Space, Add	*322.93*	
40 05 23 23-1169	EA	18", 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange	7,080.57	606.63
		For Work In Restricted Working Space, Add	*404.42*	
40 05 23 23-1170	EA	20", 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange	9,100.58	849.29
		For Work In Restricted Working Space, Add	*566.19*	
40 05 23 23-1171	EA	24", 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange	13,264.39	1,213.26
		For Work In Restricted Working Space, Add	*808.85*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1172		**150 Lb., Type 316 Stainless Steel Raised Face Slip-On Flanges** *(40 05 23 23-0989)*		
40 05 23 23-1173	EA	1/2", 150 Lb., Type 316 Stainless Steel Slip-On Flange	176.41	59.68
		For Work In Restricted Working Space, Add	*39.79*	
40 05 23 23-1174	EA	3/4", 150 Lb., Type 316 Stainless Steel Slip-On Flange	190.47	63.34
		For Work In Restricted Working Space, Add	*42.23*	
40 05 23 23-1175	EA	1", 150 Lb., Type 316 Stainless Steel Slip-On Flange	210.00	69.62
		For Work In Restricted Working Space, Add	*46.42*	
40 05 23 23-1176	EA	1-1/4", 150 Lb., Type 316 Stainless Steel Slip-On Flange	283.54	75.93
		For Work In Restricted Working Space, Add	*50.63*	
40 05 23 23-1177	EA	1-1/2", 150 Lb., Type 316 Stainless Steel Slip-On Flange	257.56	83.70
		For Work In Restricted Working Space, Add	*55.80*	
40 05 23 23-1178	EA	2", 150 Lb., Type 316 Stainless Steel Slip-On Flange	278.76	93.23
		For Work In Restricted Working Space, Add	*62.16*	
40 05 23 23-1179	EA	2-1/2", 150 Lb., Type 316 Stainless Steel Slip-On Flange	355.06	119.23
		For Work In Restricted Working Space, Add	*79.49*	
40 05 23 23-1180	EA	3", 150 Lb., Type 316 Stainless Steel Slip-On Flange	439.04	139.59
		For Work In Restricted Working Space, Add	*93.07*	
40 05 23 23-1181	EA	4", 150 Lb., Type 316 Stainless Steel Slip-On Flange	568.68	167.27
		For Work In Restricted Working Space, Add	*111.51*	
40 05 23 23-1182	EA	6", 150 Lb., Type 316 Stainless Steel Slip-On Flange	762.40	208.97
		For Work In Restricted Working Space, Add	*139.32*	
40 05 23 23-1183	EA	8", 150 Lb., Type 316 Stainless Steel Slip-On Flange	1,388.00	363.97
		For Work In Restricted Working Space, Add	*242.66*	
40 05 23 23-1184	EA	10" 150 Lb., Type 316 Stainless Steel Raised Face Slip-On Flange	1,943.01	485.30
		For Work In Restricted Working Space, Add	*323.54*	
40 05 23 23-1185	EA	12" 150 Lb., Type 316 Stainless Steel Raised Face Slip-On Flange	2,859.36	727.95
		For Work In Restricted Working Space, Add	*485.30*	
40 05 23 23-1186		**300 Lb., Type 316 Stainless Steel Raised Face Slip-On Flanges** *(40 05 23 23-0989)*		
40 05 23 23-1187	EA	1/2", 300 Lb., Type 316 Stainless Steel Raised Neck Slip-On Flange	199.97	59.68
		For Work In Restricted Working Space, Add	*39.79*	
40 05 23 23-1188	EA	3/4", 300 Lb., Type 316 Stainless Steel Raised Face Slip-On Flange	208.12	63.34
		For Work In Restricted Working Space, Add	*42.23*	
40 05 23 23-1189	EA	1", 300 Lb., Type 316 Stainless Steel Raised Face Slip-On Flange	222.08	69.62
		For Work In Restricted Working Space, Add	*46.42*	
40 05 23 23-1190	EA	1-1/4", 300 Lb., Type 316 Stainless Steel Raised Face Slip-On Flange	279.04	75.93
		For Work In Restricted Working Space, Add	*50.63*	
40 05 23 23-1191	EA	1-1/2", 300 Lb., Type 316 Stainless Steel Raised Face Slip-On Flange	296.30	83.70
		For Work In Restricted Working Space, Add	*55.80*	
40 05 23 23-1192	EA	2", 300 Lb., Type 316 Stainless Steel Raised Face Slip-On Flange	322.43	93.23
		For Work In Restricted Working Space, Add	*62.16*	
40 05 23 23-1193	EA	2-1/2", 300 Lb., Type 316 Stainless Steel Raised Face Slip-On Flange	497.32	119.23
		For Work In Restricted Working Space, Add	*79.49*	
40 05 23 23-1194	EA	3", 300 Lb., Type 316 Stainless Steel Raised Face Slip-On Flange	550.99	139.59
		For Work In Restricted Working Space, Add	*93.07*	
40 05 23 23-1195	EA	4", 300 Lb., Type 316 Stainless Steel Raised Face Slip-On Flange	715.15	167.27
		For Work In Restricted Working Space, Add	*111.51*	
40 05 23 23-1196	EA	6", 300 Lb., Type 316 Stainless Steel Raised Face Slip-On Flange	1,098.32	208.97
		For Work In Restricted Working Space, Add	*139.32*	
40 05 23 23-1197	EA	8", 300 Lb., Type 316 Stainless Steel Raised Face Slip-On Flange	1,635.53	363.97
		For Work In Restricted Working Space, Add	*242.66*	
40 05 23 23-1198	EA	10" 300 Lb., Type 316 Stainless Steel Raised Face Slip-On Flange	2,673.70	485.30
		For Work In Restricted Working Space, Add	*323.54*	
40 05 23 23-1199	EA	12", 300 Lb., Type 316 Stainless Steel Raised Face Slip-On Flange	3,556.41	727.95
		For Work In Restricted Working Space, Add	*485.30*	
40 05 23 23-1200		**150 Lb., Type 316 Stainless Steel Blind Flanges** *(40 05 23 23-0989)*		
40 05 23 23-1201	EA	1/2", 150 Lb., Type 316 Stainless Steel Raised Face Blind Flange	70.32	11.92
		For Work In Restricted Working Space, Add	*7.96*	
40 05 23 23-1202	EA	3/4", 150 Lb., Type 316 Stainless Steel Raised Face Blind Flange	79.52	12.66
		For Work In Restricted Working Space, Add	*8.45*	
40 05 23 23-1203	EA	1", 150 Lb., Type 316 Stainless Steel Raised Face Blind Flange	89.88	13.91
		For Work In Restricted Working Space, Add	*9.29*	
40 05 23 23-1204	EA	1-1/4", 150 Lb., Type 316 Stainless Steel Raised Face Blind Flange	105.99	15.49
		For Work In Restricted Working Space, Add	*10.33*	
40 05 23 23-1205	EA	1-1/2", 150 Lb., Type 316 Stainless Steel Raised Face Blind Flange	118.09	20.94
		For Work In Restricted Working Space, Add	*13.96*	
40 05 23 23-1206	EA	2", 150 Lb., Type 316 Stainless Steel Raised Face Blind Flange	146.80	23.25
		For Work In Restricted Working Space, Add	*15.50*	
40 05 23 23-1207	EA	2-1/2", 150 Lb., Type 316 Stainless Steel Raised Face Blind Flange	205.33	29.88
		For Work In Restricted Working Space, Add	*19.93*	
40 05 23 23-1208	EA	3", 150 Lb., Type 316 Stainless Steel Raised Face Blind Flange	246.30	41.89
		For Work In Restricted Working Space, Add	*27.92*	
40 05 23 23-1209	EA	4", 150 Lb., Type 316 Stainless Steel Raised Face Blind Flange	382.37	69.78
		For Work In Restricted Working Space, Add	*46.52*	
40 05 23 23-1210	EA	6", 150 Lb., Type 316 Stainless Steel Raised Face Blind Flange	542.05	89.73
		For Work In Restricted Working Space, Add	*59.82*	
40 05 23 23-1211	EA	8", 150 Lb., Type 316 Stainless Steel Raised Face Blind Flange	945.29	113.23
		For Work In Restricted Working Space, Add	*75.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1212	EA	10", 150 Lb., Type 316 Stainless Steel Raised Face Blind Flange	1,238.09	135.89
		For Work In Restricted Working Space, Add	*90.59*	
40 05 23 23-1213	EA	12", 150 Lb., Type 316 Stainless Steel Raised Face Blind Flange	1,987.03	169.86
		For Work In Restricted Working Space, Add	*113.24*	
40 05 23 23-1214	EA	14", 150 Lb., Type 316 Stainless Steel Raised Face Blind Flange	2,365.93	212.32
		For Work In Restricted Working Space, Add	*141.55*	
40 05 23 23-1215	EA	16", 150 Lb., Type 316 Stainless Steel Raised Face Blind Flange	3,086.40	242.19
		For Work In Restricted Working Space, Add	*161.46*	
40 05 23 23-1216	EA	18", 150 Lb., Type 316 Stainless Steel Raised Face Blind Flange	3,631.04	303.31
		For Work In Restricted Working Space, Add	*202.22*	
40 05 23 23-1217	EA	20", 150 Lb., Type 316 Stainless Steel Raised Face Blind Flange	4,800.01	424.65
		For Work In Restricted Working Space, Add	*283.10*	
40 05 23 23-1218	EA	24", 150 Lb., Type 316 Stainless Steel Raised Face Blind Flange	7,003.14	606.63
		For Work In Restricted Working Space, Add	*404.42*	
40 05 23 23-1219		**300 Lb., Type 316 Stainless Steel Blind Flanges** *(40 05 23 23-0989)*		
40 05 23 23-1220	EA	1/2", 300 Lb., Type 316 Stainless Steel Raised Face Blind Flange	108.20	11.92
		For Work In Restricted Working Space, Add	*7.96*	
40 05 23 23-1221	EA	3/4", 300 Lb., Type 316 Stainless Steel Raised Face Blind Flange	109.83	12.66
		For Work In Restricted Working Space, Add	*8.45*	
40 05 23 23-1222	EA	1", 300 Lb., Type 316 Stainless Steel Raised Face Blind Flange	112.62	13.91
		For Work In Restricted Working Space, Add	*9.29*	
40 05 23 23-1223	EA	1-1/4", 300 Lb., Type 316 Stainless Steel Raised Face Blind Flange	168.32	15.49
		For Work In Restricted Working Space, Add	*10.33*	
40 05 23 23-1224	EA	1-1/2", 300 Lb., Type 316 Stainless Steel Raised Face Blind Flange	180.42	20.94
		For Work In Restricted Working Space, Add	*13.96*	
40 05 23 23-1225	EA	2", 300 Lb., Type 316 Stainless Steel Raised Face Blind Flange	199.82	23.25
		For Work In Restricted Working Space, Add	*15.50*	
40 05 23 23-1226	EA	2-1/2", 300 Lb., Type 316 Stainless Steel Raised Face Blind Flange	332.45	29.88
		For Work In Restricted Working Space, Add	*19.93*	
40 05 23 23-1227	EA	3", 300 Lb., Type 316 Stainless Steel Raised Face Blind Flange	367.51	41.89
		For Work In Restricted Working Space, Add	*27.92*	
40 05 23 23-1228	EA	4", 300 Lb., Type 316 Stainless Steel Raised Face Blind Flange	562.51	69.78
		For Work In Restricted Working Space, Add	*46.52*	
40 05 23 23-1229	EA	6", 300 Lb., Type 316 Stainless Steel Raised Face Blind Flange	1,023.58	89.73
		For Work In Restricted Working Space, Add	*59.82*	
40 05 23 23-1230	EA	8", 300 Lb., Type 316 Stainless Steel Raised Face Blind Flange	1,328.36	113.23
		For Work In Restricted Working Space, Add	*75.49*	
40 05 23 23-1231	EA	10", 300 Lb., Type 316 Stainless Steel Raised Face Blind Flange	2,377.90	135.89
		For Work In Restricted Working Space, Add	*90.59*	
40 05 23 23-1232	EA	12", 300 Lb., Type 316 Stainless Steel Raised Face Blind Flange	2,900.41	169.86
		For Work In Restricted Working Space, Add	*113.24*	
40 05 23 23-1233	EA	14", 300 Lb., Type 316 Stainless Steel Raised Face Blind Flange	4,183.35	212.32
		For Work In Restricted Working Space, Add	*141.55*	
40 05 23 23-1234	EA	16", 300 Lb., Type 316 Stainless Steel Raised Face Blind Flange	5,389.38	242.19
		For Work In Restricted Working Space, Add	*161.46*	
40 05 23 23-1235	EA	18", 300 Lb., Type 316 Stainless Steel Raised Face Blind Flange	7,049.87	303.31
		For Work In Restricted Working Space, Add	*202.22*	
40 05 23 23-1236	EA	20", 300 Lb., Type 316 Stainless Steel Raised Face Blind Flange	8,874.93	424.65
		For Work In Restricted Working Space, Add	*283.10*	
40 05 23 23-1237	EA	24", 300 Lb., Type 316 Stainless Steel Raised Face Blind Flange	13,668.49	606.63
		For Work In Restricted Working Space, Add	*404.42*	

END OF SECTION 40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

41 Material Processing and Handling Equipment

41 01 Operation and Maintenance of Material Processing and Handling Equipment *(41)*

41 01 20 Operation and Maintenance of Piece Material Handling Equipment *(41 01)*

41 01 20 13 Operation And Maintenance Of Hoists Or Cranes *(41 01 20)*

41 01 20 13-0001 Maintenance *(41 01 20 13)*

41 01 20 13-0002	EA	Regular Inspection	440.27	
41 01 20 13-0003	HR	Hoist Or Crane Servicing, Labor Only	132.14	
41 01 20 13-0004	MO	Hoist Or Crane Maintenance Contract	1,113.20	

41 20 Piece Material Handling Equipment *(41)*

41 22 Cranes and Hoists *(41 20)*

41 22 23 Hoists *(41 22)*

41 22 23 13 Fixed Hoists *(41 22 23)*

41 22 23 13-0001 Electric Hoists *(41 22 23 13)*

41 22 23 13-0002 Electric Industrial Chain Hoists *(41 22 23 13-0001)*

Note: Includes 20' of chain. Excludes beams.

41 22 23 13-0003	EA	500 LB Capacity, Electric Industrial Chain Hoist	3,437.46	391.03
		For DC Electrical Operated, Add	*663.25*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0004	EA	1,000 LB Capacity, Electric Industrial Chain Hoist	3,582.92	391.03
		For DC Electrical Operated, Add	*699.09*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0005	EA	2,000 LB Capacity, Electric Industrial Chain Hoist	3,950.29	391.03
		For DC Electrical Operated, Add	*787.71*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0006	EA	3,000 LB Capacity, Electric Industrial Chain Hoist	5,900.17	404.52
		For DC Electrical Operated, Add	*1,266.64*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0007	EA	4,000 LB Capacity, Electric Industrial Chain Hoist	5,103.16	404.52
		For DC Electrical Operated, Add	*1,064.99*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0008	EA	5,000 LB Capacity, Electric Industrial Chain Hoist	7,249.79	418.00
		For DC Electrical Operated, Add	*1,590.78*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0009	EA	6,000 LB Capacity, Electric Industrial Chain Hoist	6,590.94	458.45
		For DC Electrical Operated, Add	*1,388.34*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0010	EA	7,500 LB Capacity, Electric Industrial Chain Hoist	8,118.72	566.32
		For DC Electrical Operated, Add	*1,763.68*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0011	EA	10,000 LB Capacity, Electric Industrial Chain Hoist	9,594.37	599.24
		For DC Electrical Operated, Add	*2,139.42*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0012	EA	15,000 LB Capacity, Electric Industrial Chain Hoist	15,378.46	625.29
		For DC Electrical Operated, Add	*3,531.70*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0013	EA	20,000 LB Capacity, Electric Industrial Chain Hoist	18,397.56	651.35
		For DC Electrical Operated, Add	*4,272.93*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0014	EA	25,000 LB Capacity, Electric Industrial Chain Hoist	25,392.93	677.40
		For DC Electrical Operated, Add	*6,007.87*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0015	EA	30,000 LB Capacity, Electric Industrial Chain Hoist	32,465.14	742.54
		For DC Electrical Operated, Add	*7,743.19*	
		For Each LF Copper Conductor Bar, Add	*10.50*	

41 22 23 13-0016 Hand Chain Hoists *(41 22 23 13)*

41 22 23 13-0017	EA	1,000 LB Capacity, Hand Chain Hoist	1,903.61	162.61
41 22 23 13-0018	EA	2,000 LB Capacity, Hand Chain Hoist	2,246.05	164.84
41 22 23 13-0019	EA	3,000 LB Capacity, Hand Chain Hoist	3,021.25	172.64
41 22 23 13-0020	EA	4,000 LB Capacity, Hand Chain Hoist	3,402.92	174.86
41 22 23 13-0021	EA	5,000 LB Capacity, Hand Chain Hoist	4,109.95	183.78
41 22 23 13-0022	EA	6,000 LB Capacity, Hand Chain Hoist	4,601.64	214.96
41 22 23 13-0023	EA	10,000 LB Capacity, Hand Chain Hoist	6,389.49	221.65
41 22 23 13-0024	EA	16,000 LB Capacity, Hand Chain Hoist	8,346.53	267.31
41 22 23 13-0025	EA	20,000 LB Capacity, Hand Chain Hoist	10,200.68	279.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
41 22 23 13-0026	EA	30,000 LB Capacity, Hand Chain Hoist	17,998.78	319.67

END OF SECTION 41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

43 Process Gas and Liquid Handling, Purification, and Storage Equipment

43 20 Liquid Handling Equipment *(43)*

43 23 Dry Location Liquid Pumps *(43 20)*

43 23 78 Controlled Volume Horizontal Reciprocating Pumps *(43 23)*

43 23 78 31 Controlled Volume Horizontal Mechanically-Coupled Diaphragm Simplex Reciprocating Pumps *(43 23 78)*

43 23 78 31-0001 Diaphragm Pump *(43 23 78 31)*

43 23 78 31-0002	EA	28 GPH Diaphragm Pump, Adjustable Flow 0-100% 250 PSI	5,093.76	

43 24 Suspended Liquid Pumps *(43 20)*

43 24 41 Archimedes Screw Pumps *(43 24)*

43 24 41 23 Positive-Displacement Inclined Closed-casing Archimedes Screw-type Pumps *(43 24 41)*

43 24 41 23-0001 Positive Displacement Pump *(43 24 41 23)*

43 24 41 23-0002	EA	25 GPH Positive Displacement Pump, Adjustable Flow 0-100% 200 PSI Neoprene Packing	4,187.39	

43 40 Gas and Liquid Storage *(43)*

43 42 Pressurized Tanks And Vessels *(43 40)*

43 42 41 Metallic Specialty Pressure Tanks *(43 42)*

43 42 41 00-0001 L.P.G. Tanks With Regulator And Safety Controls *(43 42 41)*

43 42 41 00-0002	EA	250 Gallon Aboveground LP Gas Storage Tank	2,289.79	152.93
43 42 41 00-0003	EA	500 Gallon Aboveground LP Gas Storage Tank	4,230.03	229.41
43 42 41 00-0004	EA	1,000 Gallon Aboveground LP Gas Storage Tank	6,047.93	244.70

END OF SECTION 43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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